

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109962.D
 Acq On : 18 Oct 2018 15:37
 Operator : JU/SJ
 Sample : J5575-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 02:23:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	234548	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	905778	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	409116	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	720568	20.00	ng	0.00
76) Chrysene-d12	14.16	240	421160	20.00	ng	0.00
87) Perylene-d12	15.68	264	436020	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1496368	101.13	ng	0.00
7) Phenol-d6	6.60	99	1898824	103.35	ng	0.00
23) Nitrobenzene-d5	7.55	82	1196984	89.02	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	432258	122.04	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	1966700	76.71	ng	0.00
79) Terphenyl-d14	13.10	244	1539318	76.75	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.92	88	189660	22.568	ng	93
3) Pyridine	3.68	79	548018	29.249	ng	90
4) n-Nitrosodimethylamine	3.64	42	266445	34.861	ng	# 98
6) Aniline	6.64	93	757288	30.584	ng	# 53
8) 2-Chlorophenol	6.76	128	562062	33.911	ng	98
9) Benzaldehyde	6.53	77	343920	28.804	ng	98
10) Phenol	6.62	94	822597	41.467	ng	# 63
11) bis(2-Chloroethyl)ether	6.71	93	535643	32.294	ng	93
12) 1,3-Dichlorobenzene	6.92	146	577306	31.764	ng	98
13) 1,4-Dichlorobenzene	6.99	146	583471	31.877	ng	97
14) 1,2-Dichlorobenzene	7.15	146	550307	32.650	ng	98
15) Benzyl Alcohol	7.12	79	482961	34.167	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.25	45	866925	31.844	ng	68
17) 2-Methylphenol	7.22	107	460521	34.457	ng	# 80
18) Hexachloroethane	7.49	117	214430	33.151	ng	97
19) n-Nitroso-di-n-propylamine	7.39	70	378975	32.124	ng	98
20) 3+4-Methylphenols	7.37	107	568305	33.508	ng	97
22) Acetophenone	7.39	105	749502	35.681	ng	# 98
24) Nitrobenzene	7.56	77	570006	39.023	ng	91
25) Isophorone	7.80	82	1041290	39.413	ng	95
26) 2-Nitrophenol	7.87	139	294928	48.697	ng	90
27) 2,4-Dimethylphenol	7.90	122	511848	40.221	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	666785	36.774	ng	99
29) 2,4-Dichlorophenol	8.11	162	466446	37.784	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	488905	35.370	ng	96
31) Naphthalene	8.29	128	1566638	37.718	ng	100
32) Benzoic acid	7.95	122	27254	3.437	ng	87
33) 4-Chloroaniline	8.33	127	493417	26.427	ng	98
34) Hexachlorobutadiene	8.39	225	264083	34.647	ng	98
36) 4-Chloro-3-methylphenol	8.80	107	473121	36.329	ng	92
37) 2-Methylnaphthalene	8.97	142	1050118	39.044	ng	97
38) 1-Methylnaphthalene	9.07	142	992338	38.076	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	442405	35.108	ng	97
41) Hexachlorocyclopentadiene	9.13	237	517493	85.085	ng	98

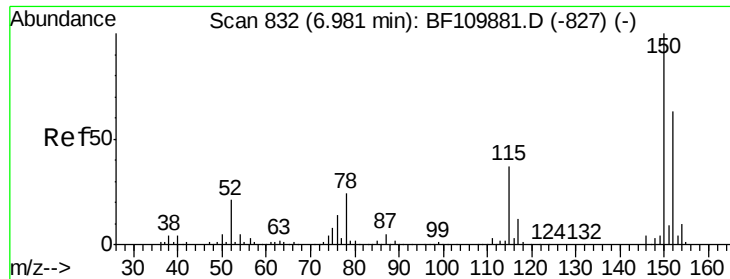
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
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Quant Time: Oct 19 02:23:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.25	196	306263	38.869	ng	94
44) 2,4,5-Trichlorophenol	9.29	196	325387	39.789	ng	96
46) 1,1'-Biphenyl	9.44	154	1240488	34.032	ng	100
47) 2-Chloronaphthalene	9.47	162	940904	35.044	ng	98
48) 2-Nitroaniline	9.56	65	300359	43.591	ng	98
49) Acenaphthylene	9.89	152	1469740	37.681	ng	98
50) Dimethylphthalate	9.74	163	1276543	44.066	ng	100
51) 2,6-Dinitrotoluene	9.80	165	243780	44.306	ng	99
52) Acenaphthene	10.06	154	931222	37.500	ng	99
53) 3-Nitroaniline	9.97	138	229656	34.312	ng	92
54) 2,4-Dinitrophenol	10.07	184	88052	53.550	ng	# 82
55) Dibenzofuran	10.23	168	1283957	36.255	ng	97
56) 4-Nitrophenol	10.13	139	526945	103.180	ng	91
57) 2,4-Dinitrotoluene	10.20	165	318584	46.043	ng	# 88
58) Fluorene	10.57	166	978453	37.954	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	261127	40.290	ng	95
60) Diethylphthalate	10.43	149	1051619	36.754	ng	99
61) 4-Chlorophenyl-phenylether	10.56	204	474037	35.299	ng	97
62) 4-Nitroaniline	10.59	138	251889	39.757	ng	91
63) Azobenzene	10.72	77	1012455	33.872	ng	96
65) 4,6-Dinitro-2-methylphenol	10.61	198	104711	41.411	ng	88
66) n-Nitrosodiphenylamine	10.68	169	874998	36.459	ng	96
67) 4-Bromophenyl-phenylether	11.05	248	282297	36.150	ng	92
68) Hexachlorobenzene	11.12	284	298667	35.866	ng	# 90
69) Atrazine	11.20	200	288997	38.551	ng	98
70) Pentachlorophenol	11.31	266	280793	59.250	ng	98
71) Phenanthrene	11.54	178	1378980	36.966	ng	100
72) Anthracene	11.59	178	1423211	37.948	ng	99
73) Carbazole	11.74	167	1195783	32.442	ng	100
74) Di-n-butylphthalate	12.06	149	1516753	36.872	ng	100
75) Fluoranthene	12.73	202	1232620	33.076	ng	99
77) Benzidine	12.85	184	699788	43.336	ng	97
78) Pyrene	12.96	202	1182136	38.216	ng	99
80) Butylbenzylphthalate	13.57	149	531693	42.516	ng	90
81) Benzo(a)anthracene	14.14	228	927985	37.408	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	292899	33.678	ng	99
83) Chrysene	14.19	228	871005	36.887	ng	100
84) Bis(2-ethylhexyl)phthalate	14.12	149	696161	42.305	ng	# 95
85) Di-n-octyl phthalate	14.74	149	1170160	50.438	ng	100
86) Indeno(1,2,3-cd)pyrene	17.25	276	1024745	53.900	ng	# 95
88) Benzo(b)fluoranthene	15.23	252	962215	38.278	ng	97
89) Benzo(k)fluoranthene	15.26	252	846427	34.162	ng	98
90) Benzo(a)pyrene	15.62	252	875761	37.880	ng	98
91) Dibenzo(a,h)anthracene	17.27	278	851370	41.553	ng	98
92) Benzo(g,h,i)perylene	17.73	276	833432	40.260	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

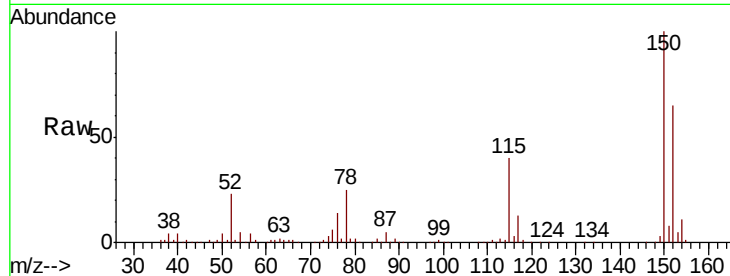


#1

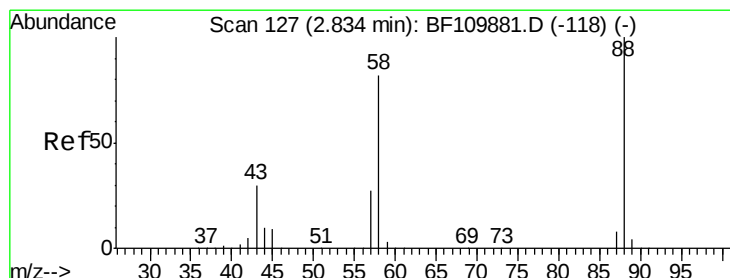
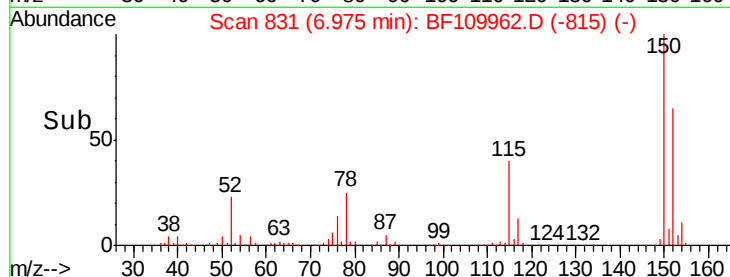
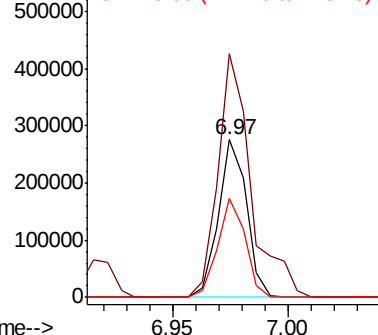
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.7	184.1
115	62.5	49.1	73.7



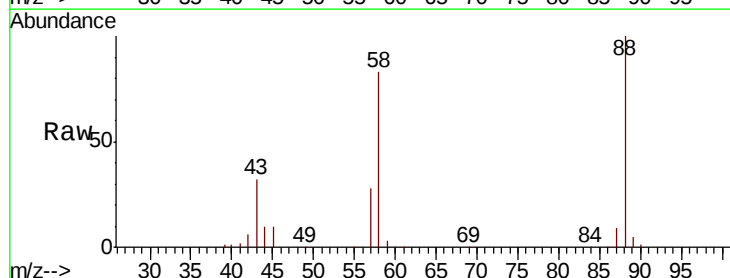
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



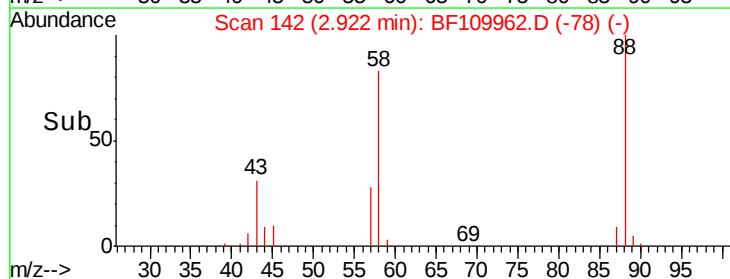
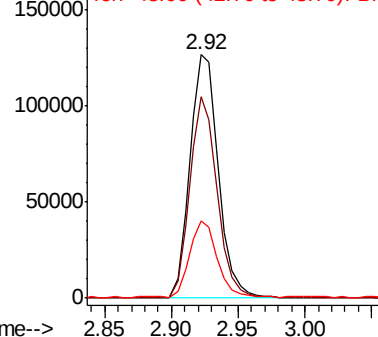
#2

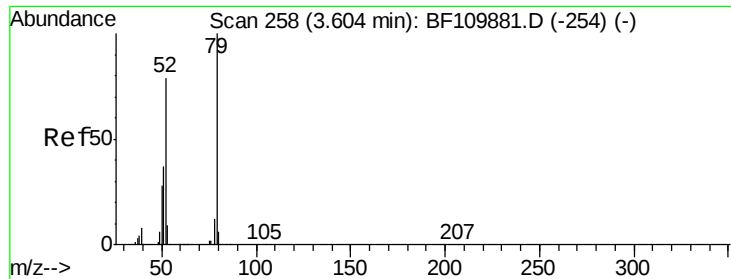
1,4-Dioxane
Concen: 22.568 ng
RT: 2.92 min Scan# 142
Delta R.T. 0.08 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.6	57.1	85.7
43	29.7	24.1	36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.249 ng

RT: 3.68 min Scan# 271

Delta R.T. 0.06 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Instrument :

BNA_F

ClientSampleId :

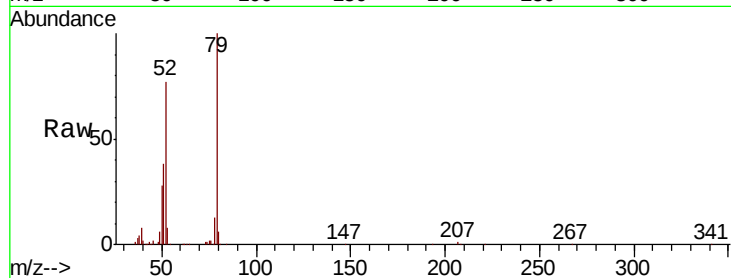
Tot Ion: 79 Resp: 548018

Ion Ratio Lower Upper

79 100

52 76.6 53.1 79.7

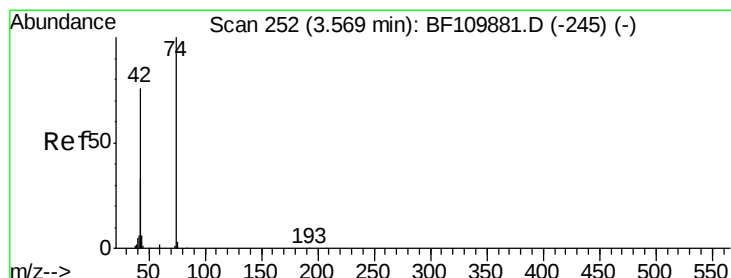
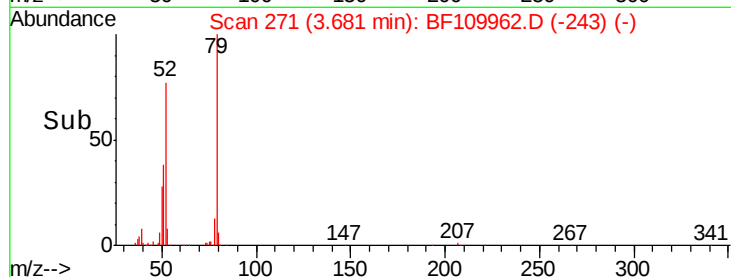
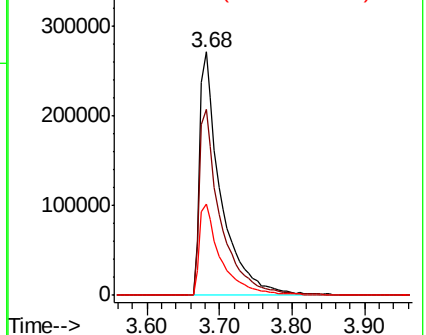
51 37.7 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.861 ng

RT: 3.64 min Scan# 264

Delta R.T. 0.06 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

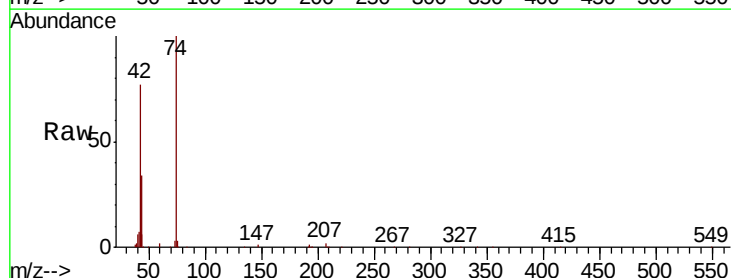
Tgt Ion: 42 Resp: 266445

Ion Ratio Lower Upper

42 100

74 130.1 105.5 158.3

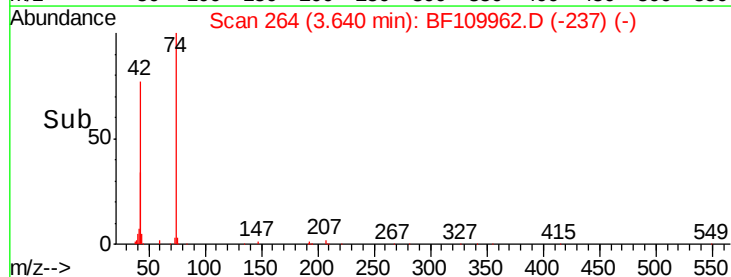
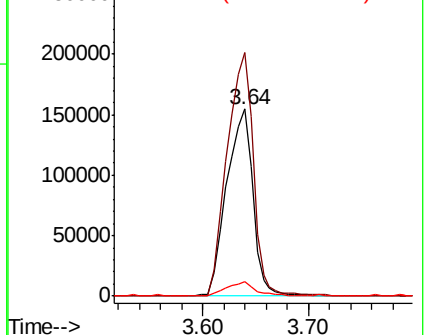
44 7.7 4.9 7.3#

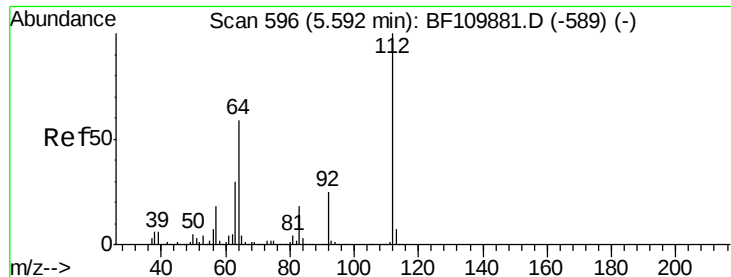


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 101.128 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Instrument :

BNA_F

ClientSampleId :

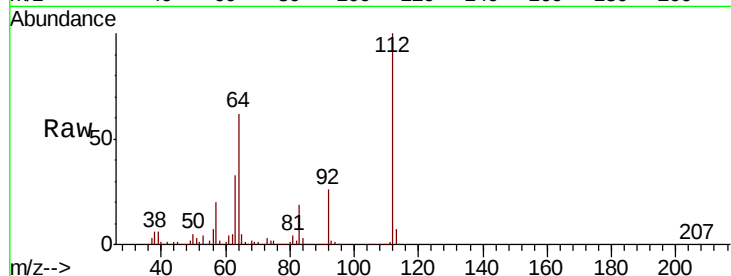
Tot Ion:112 Resp: 1496368

Ion Ratio Lower Upper

112 100

64 61.9 44.1 66.1

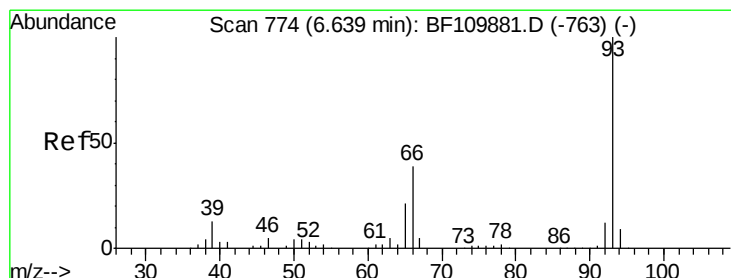
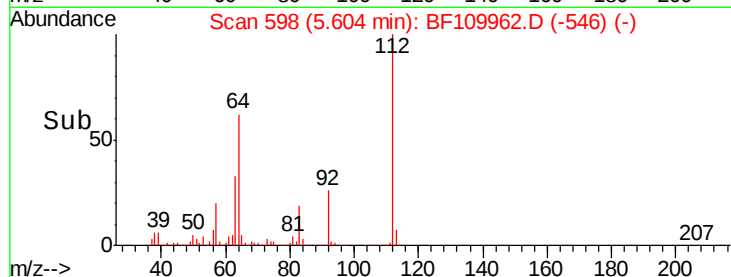
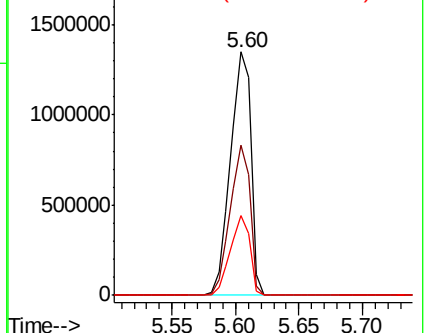
63 32.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.584 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

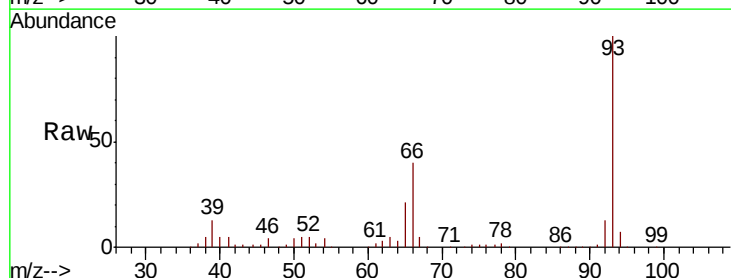
Tgt Ion: 93 Resp: 757288

Ion Ratio Lower Upper

93 100

66 39.6 67.4 101.0#

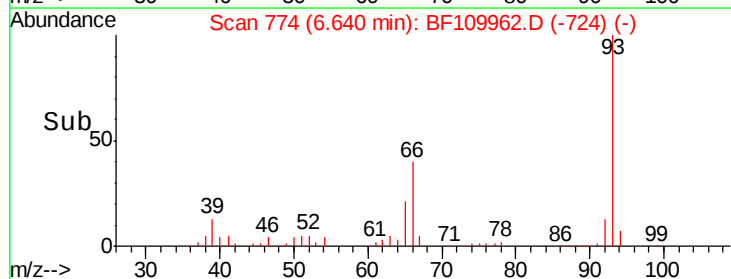
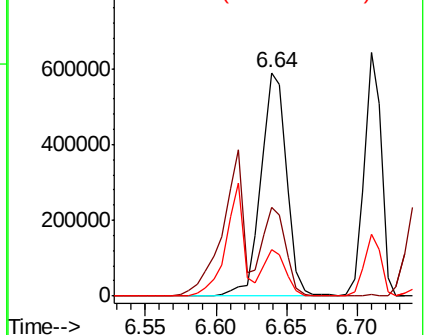
65 20.6 41.0 61.4#

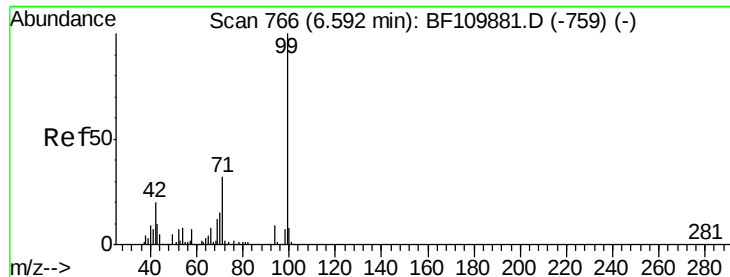


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.345 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Instrument :

BNA_F

ClientSampleId :

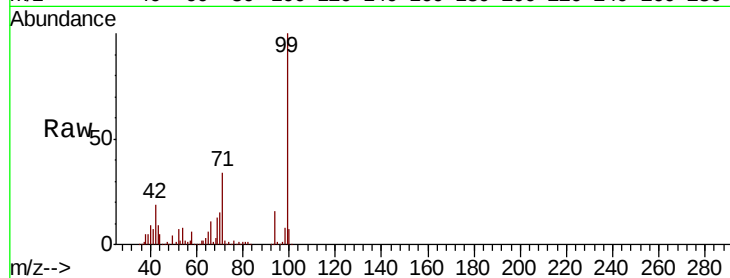
Tot Ion: 99 Resp: 1898824

Ion Ratio Lower Upper

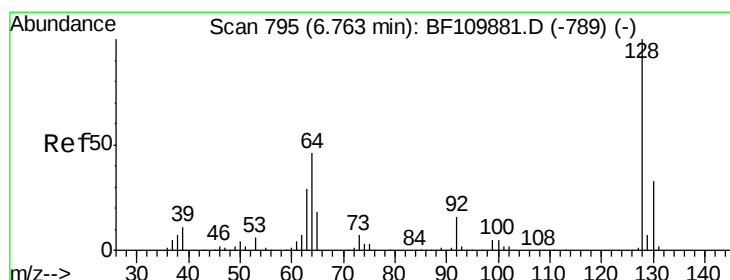
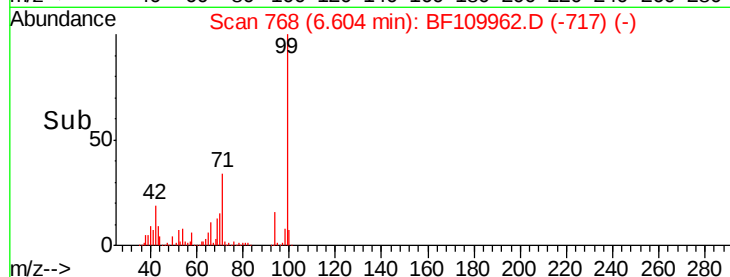
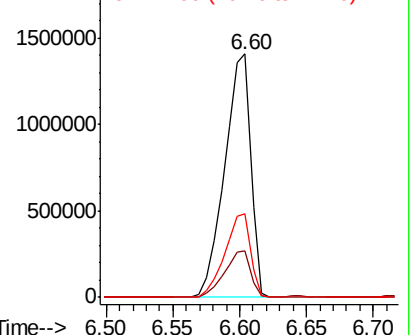
99 100

42 19.0 15.8 23.6

71 34.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.911 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

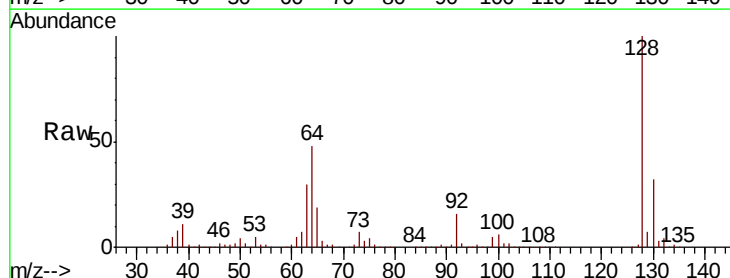
Tgt Ion:128 Resp: 562062

Ion Ratio Lower Upper

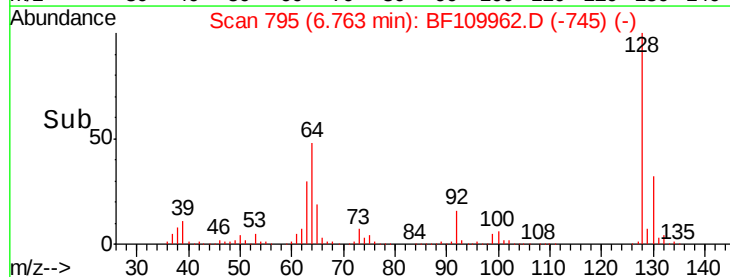
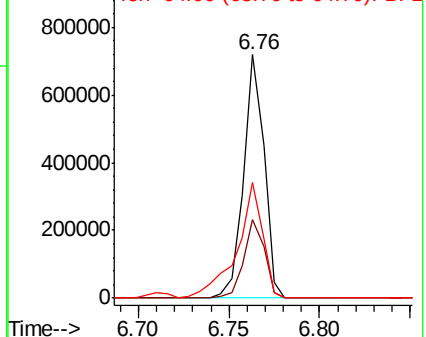
128 100

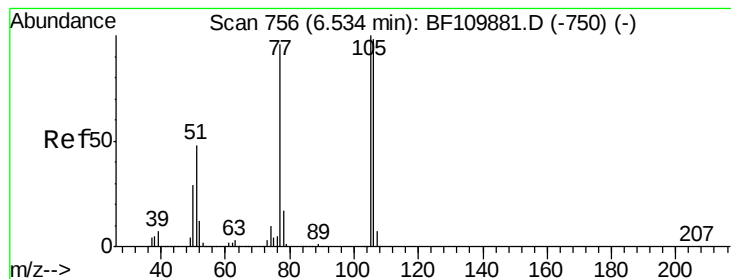
130 32.4 13.1 53.1

64 47.6 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.804 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Instrument :

BNA_F

ClientSampled :

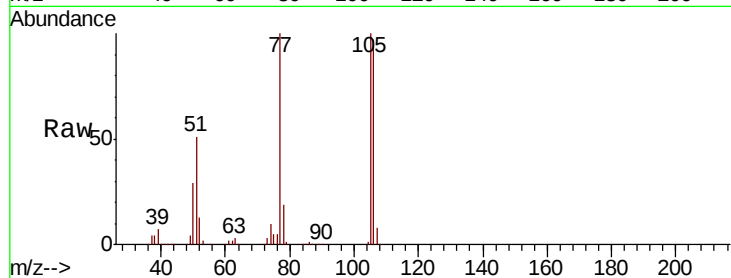
Tot Ion: 77 Resp: 343920

Ion Ratio Lower Upper

77 100

105 99.5 78.6 118.6

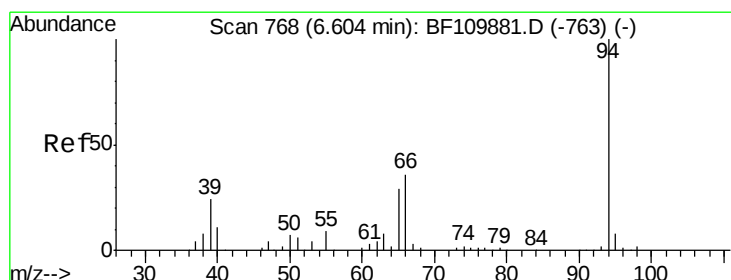
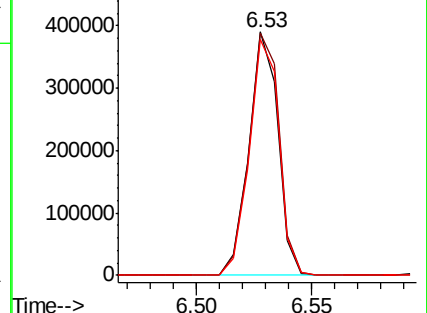
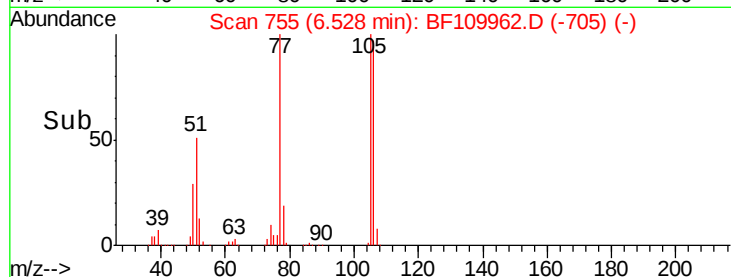
106 97.0 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.467 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

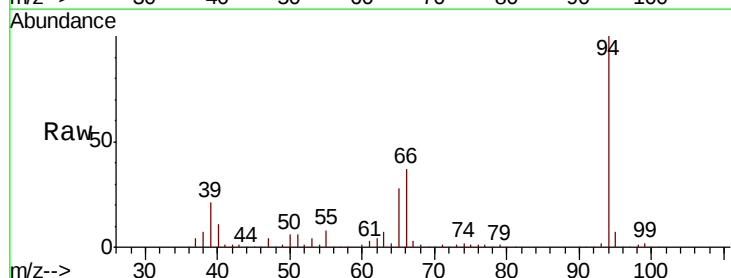
Tgt Ion: 94 Resp: 822597

Ion Ratio Lower Upper

94 100

65 28.4 25.3 65.3

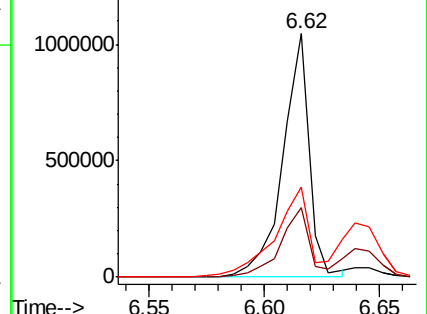
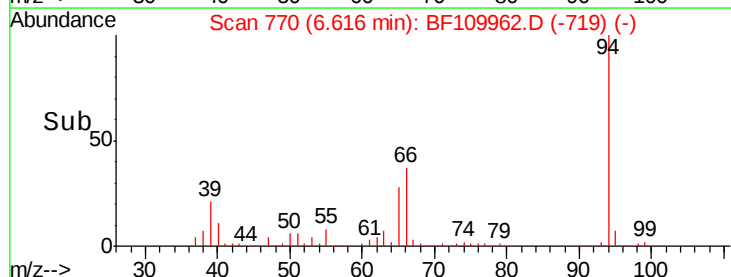
66 36.9 54.5 94.5#

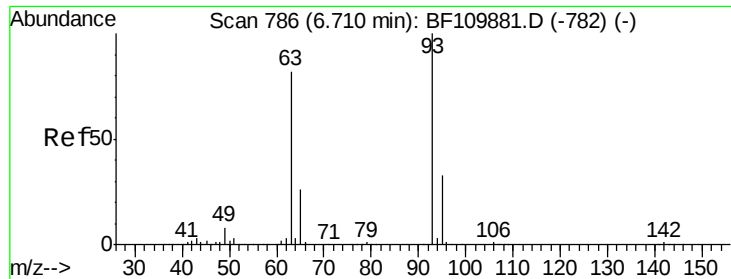


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 32.294 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Instrument :

BNA_F

ClientSampleId :

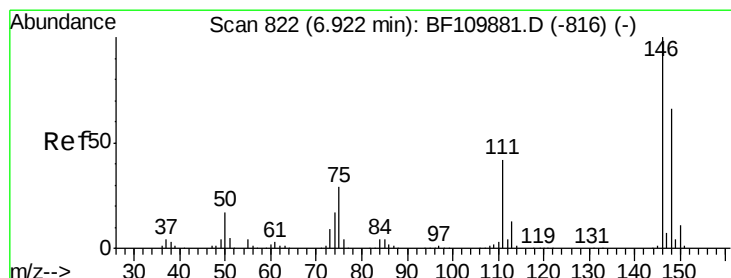
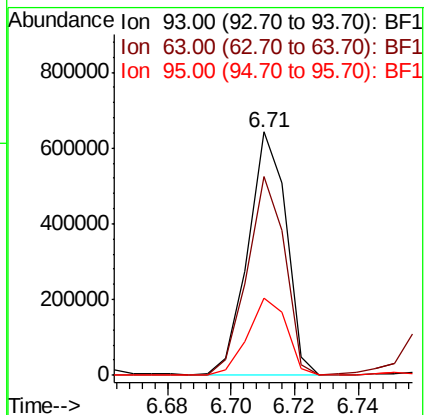
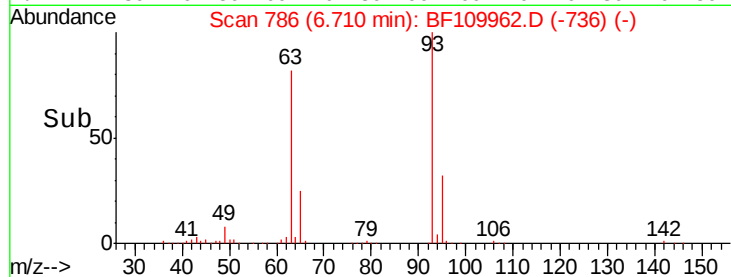
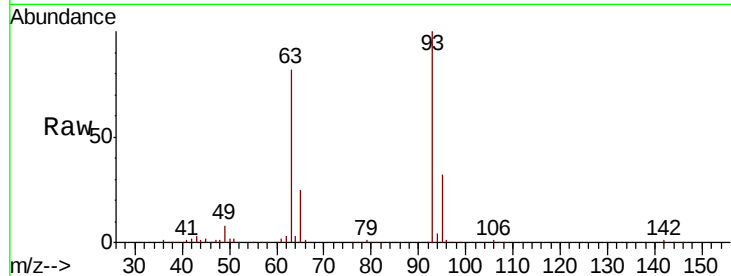
Tot Ion: 93 Resp: 535643

Ion Ratio Lower Upper

93 100

63 81.8 53.4 93.4

95 31.9 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 31.764 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

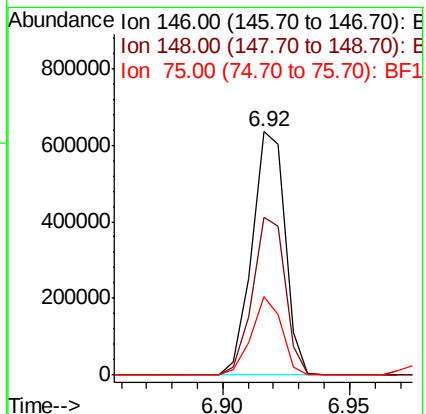
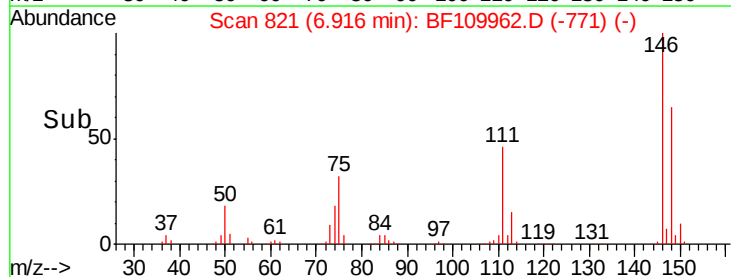
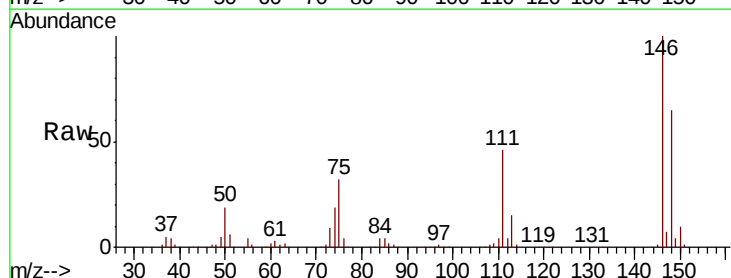
Tgt Ion: 146 Resp: 577306

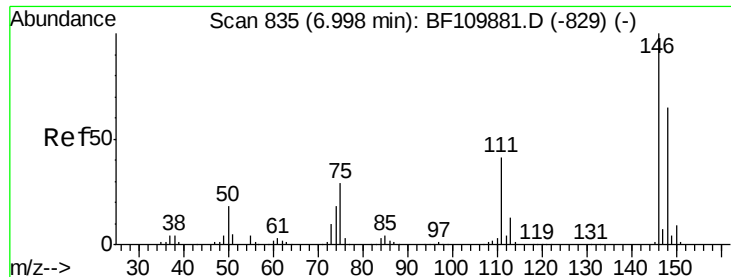
Ion Ratio Lower Upper

146 100

148 64.7 50.4 75.6

75 32.5 25.8 38.6

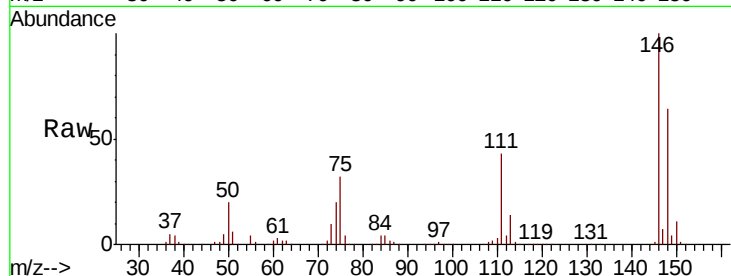




#13
 1,4-Dichlorobenzene
 Concen: 31.877 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.3	75.5
111	43.1	32.7	49.1

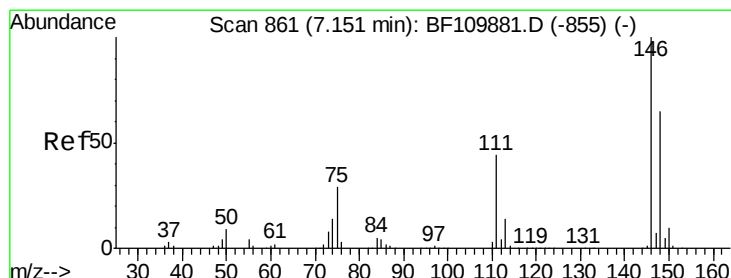
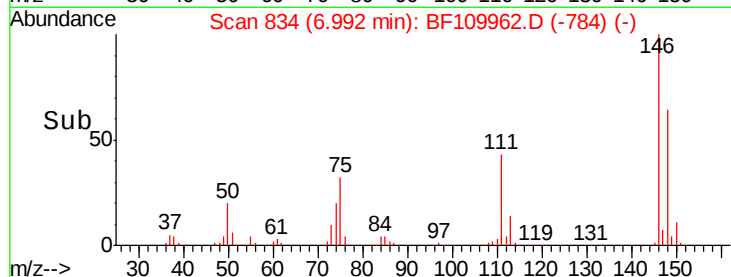
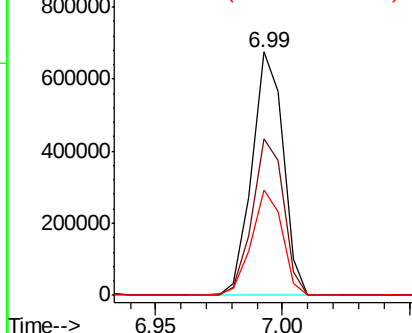


Abundance

Ion 146.00 (145.70 to 146.70): E

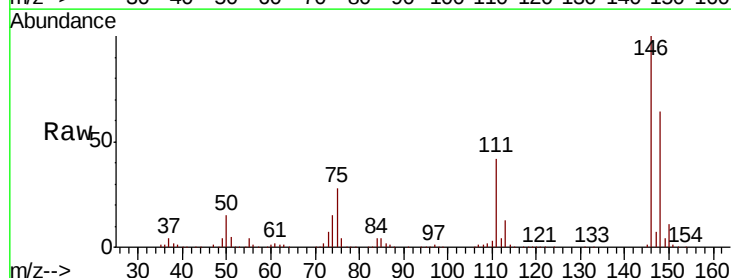
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 32.650 ng
 RT: 7.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	41.5	35.8	53.6

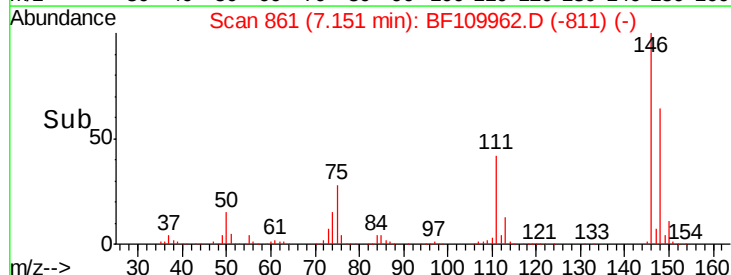
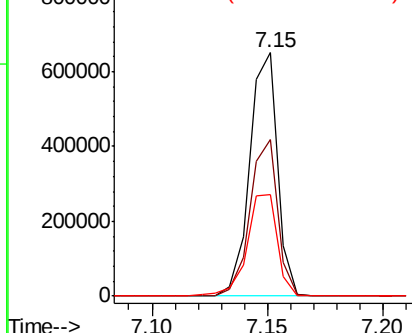


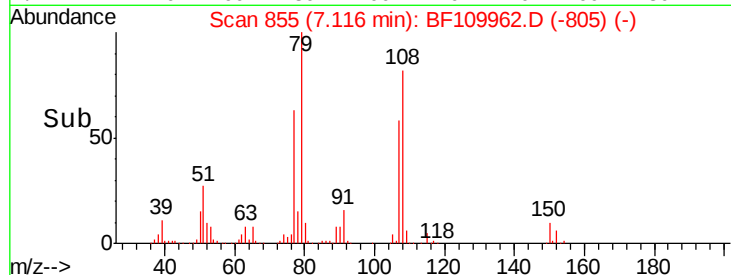
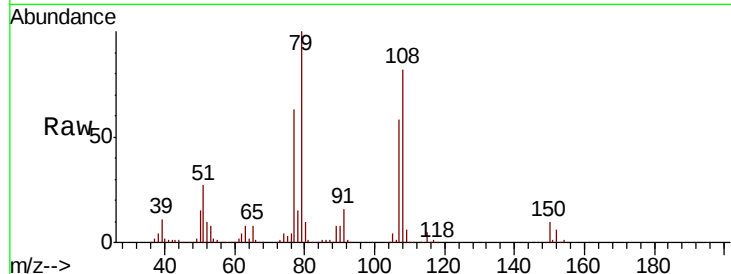
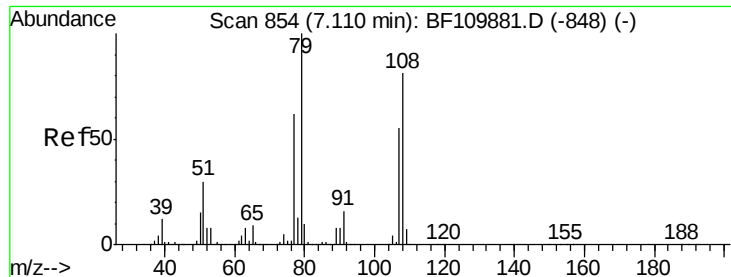
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.167 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Instrument :

BNA_F

ClientSampleId :

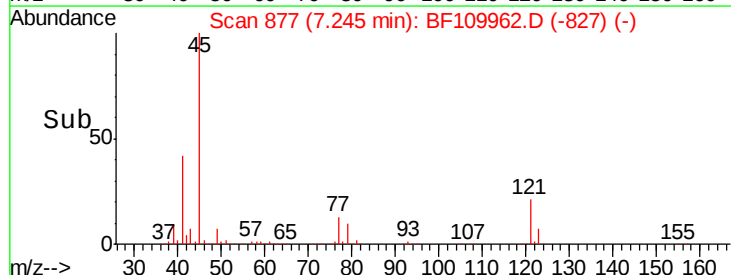
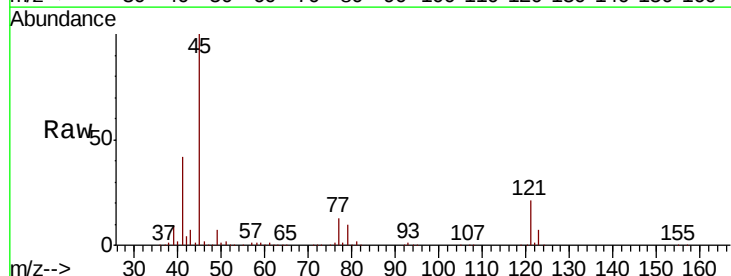
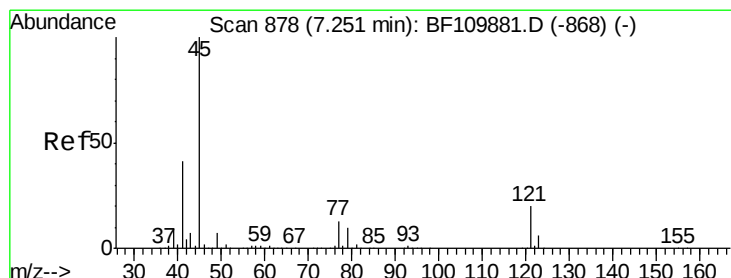
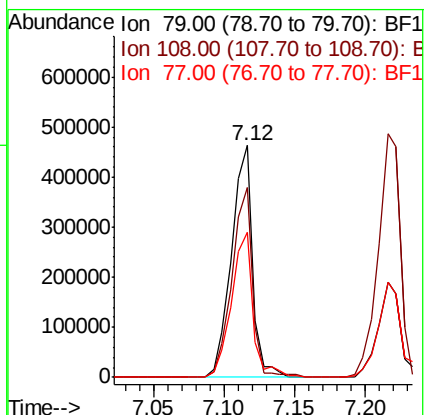
Tot Ion: 79 Resp: 482961

Ion Ratio Lower Upper

79 100

108 82.2 56.3 84.5

77 62.6 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.844 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

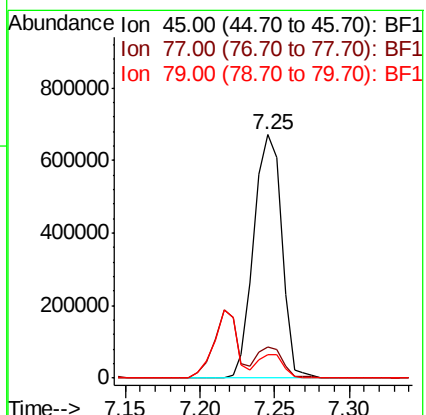
Tgt Ion: 45 Resp: 866925

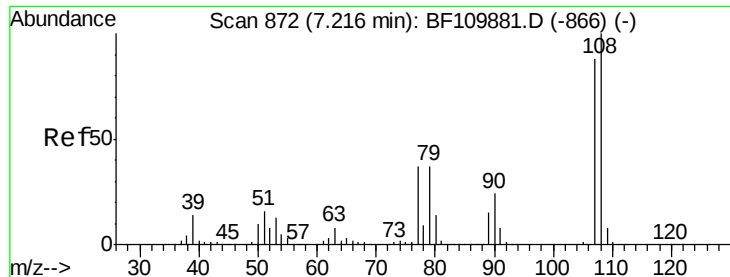
Ion Ratio Lower Upper

45 100

77 12.5 10.0 50.0

79 9.7 6.1 46.1





#17

2-Methylphenol

Concen: 34.457 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 460521

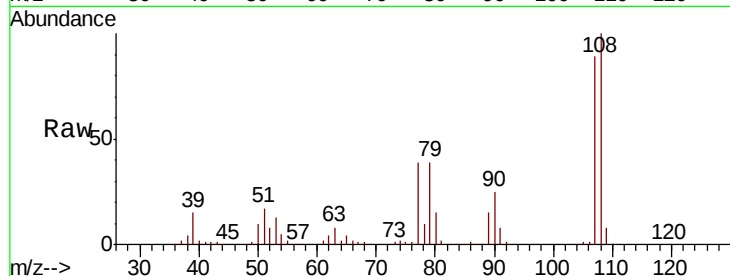
Ion Ratio Lower Upper

107 100

108 112.2 92.6 138.8

77 43.7 59.4 89.2#

79 43.8 54.0 81.0#



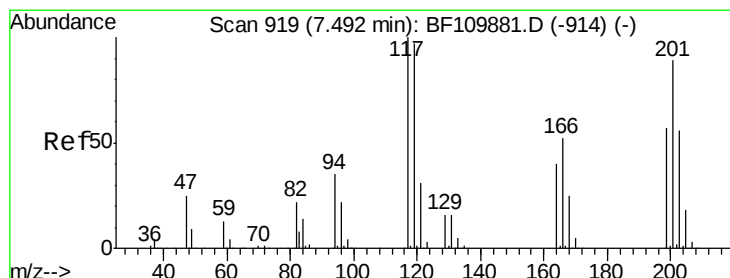
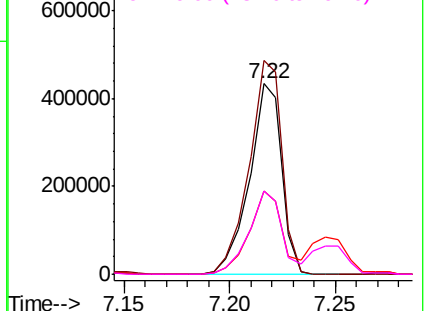
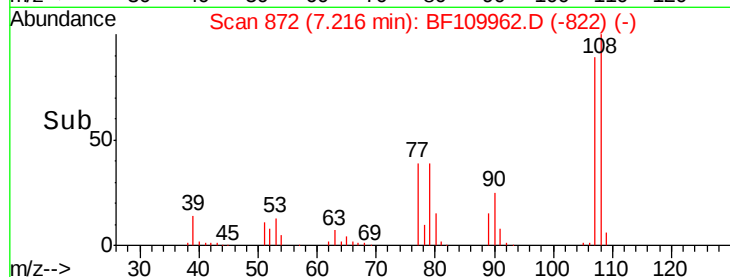
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 33.151 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

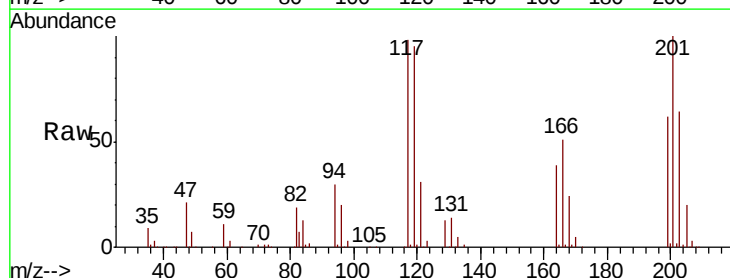
Tgt Ion:117 Resp: 214430

Ion Ratio Lower Upper

117 100

119 96.8 75.0 112.6

201 101.9 79.2 118.8

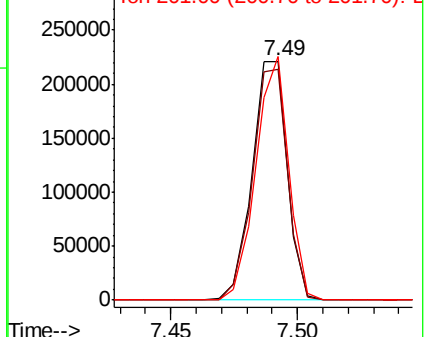
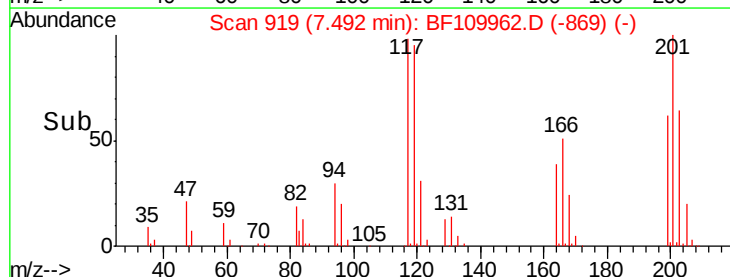


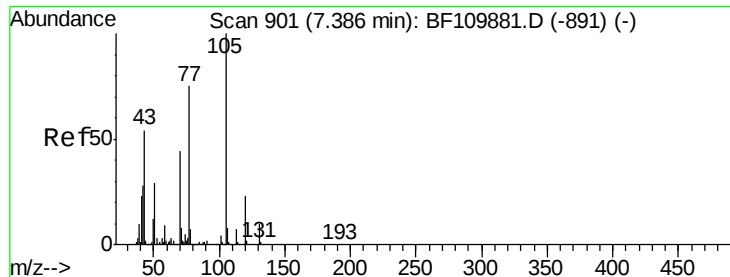
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

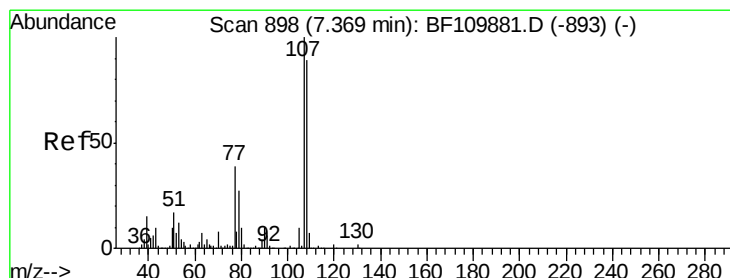
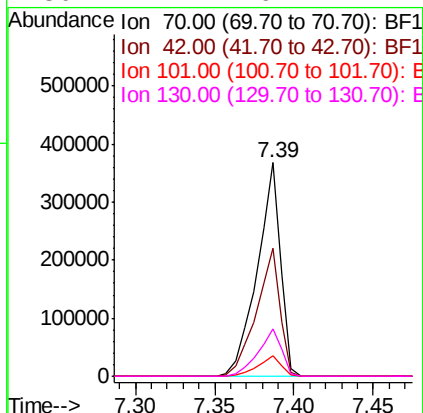
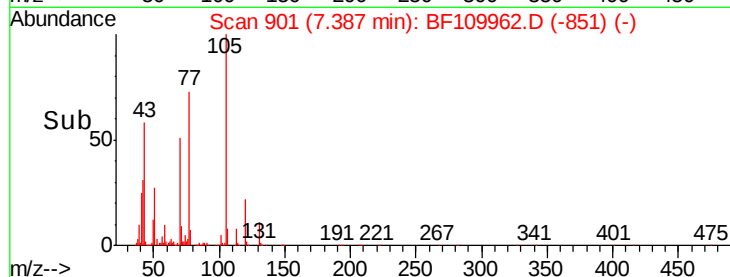
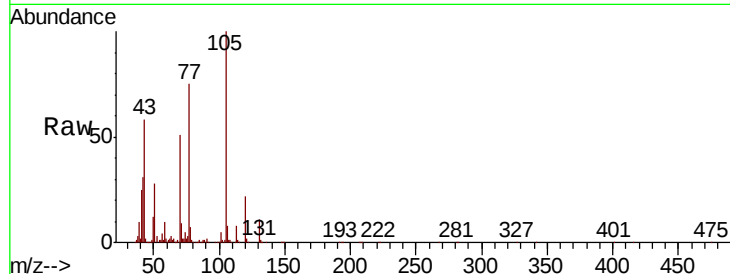




#19
n-Nitroso-di-n-propylamine
Concen: 32.124 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

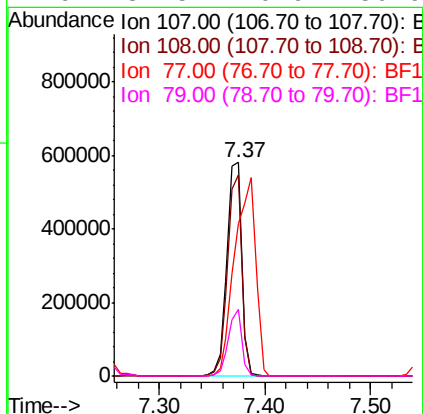
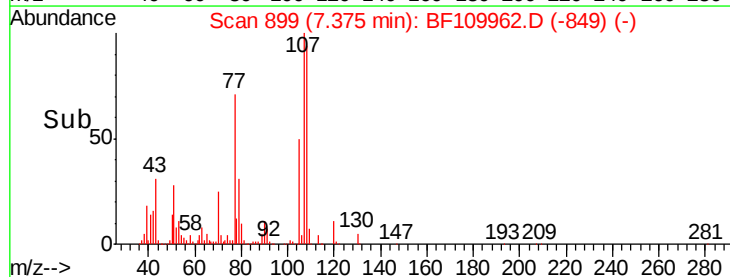
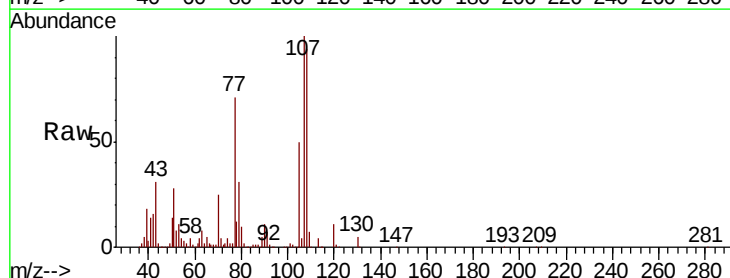
Instrument :
BNA_F
ClientSampleId :

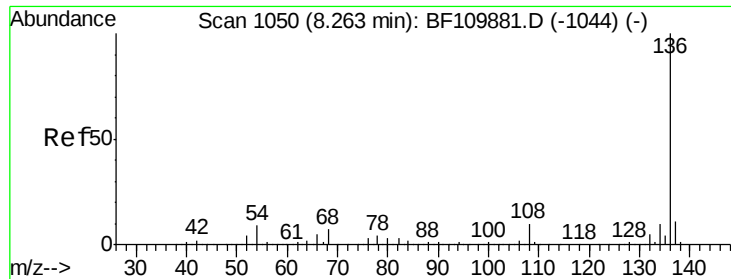
Tot Ion: 70 Resp: 378975
Ion Ratio Lower Upper
70 100
42 59.7 47.4 71.2
101 9.8 7.3 10.9
130 22.1 16.2 24.2



#20
3+4-Methylphenols
Concen: 33.508 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Tgt Ion: 107 Resp: 568305
Ion Ratio Lower Upper
107 100
108 94.2 71.4 111.4
77 71.1 47.3 87.3
79 31.5 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 905778

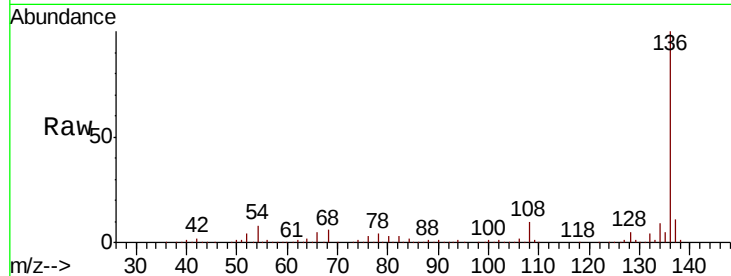
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.0 5.4 8.2

68 6.0 4.2 6.2

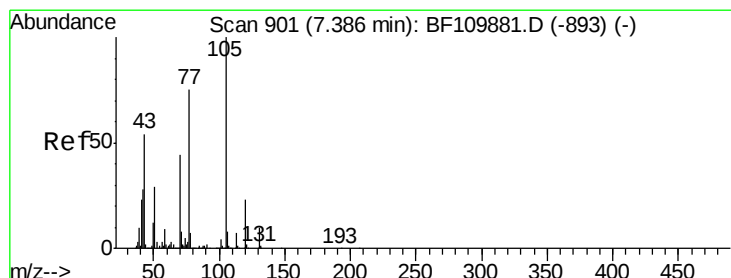
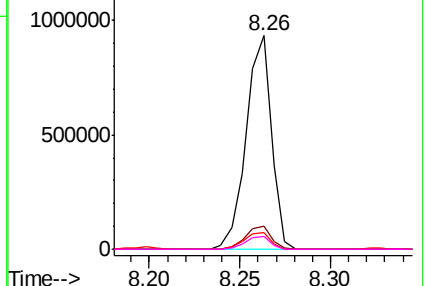
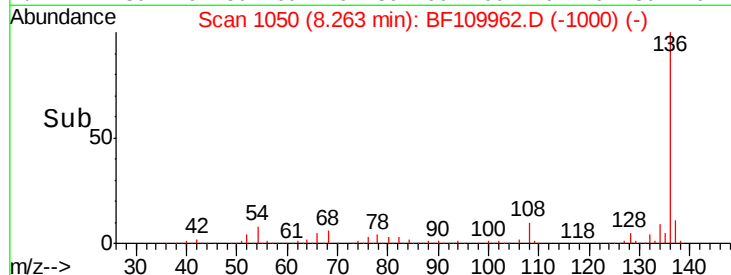


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.681 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Tgt Ion:105 Resp: 749502

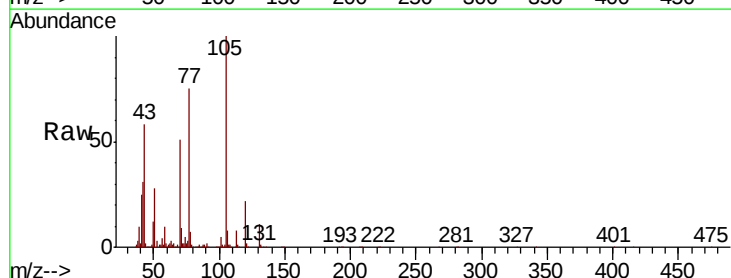
Ion Ratio Lower Upper

105 100

71 8.5 5.2 7.8#

51 27.5 21.8 32.8

120 22.4 17.0 25.4

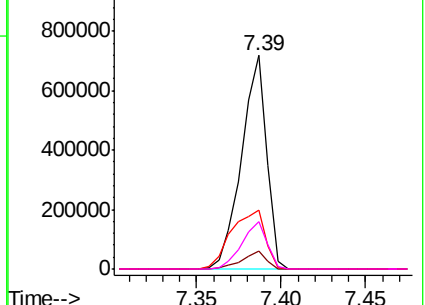
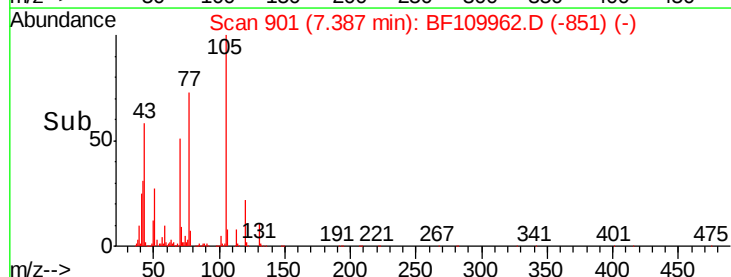


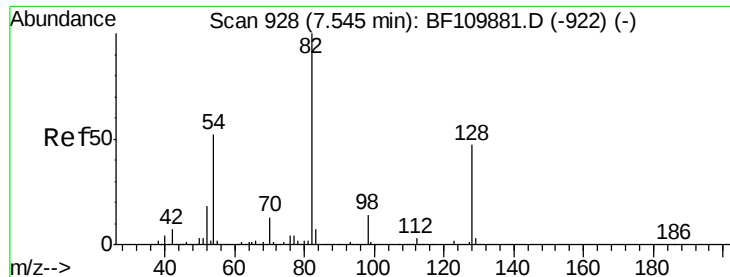
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



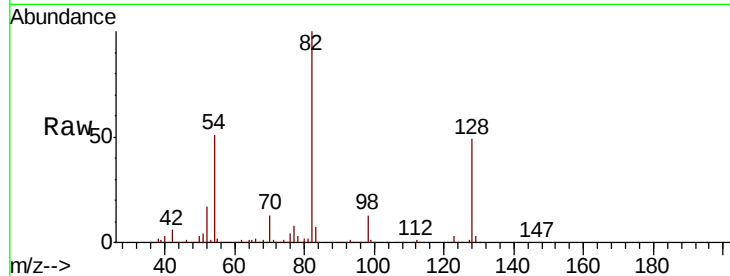


#23
 Nitrobenzene-d5
 Concen: 89.021 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

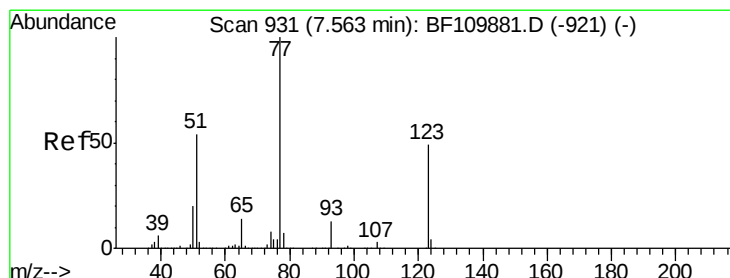
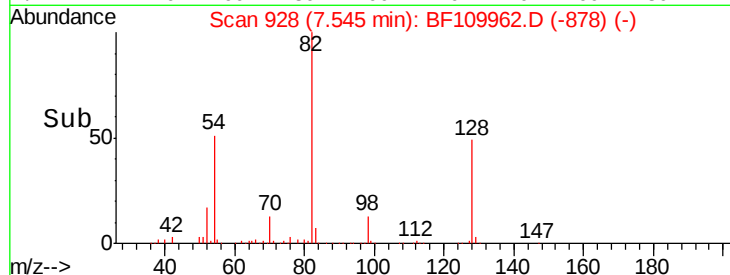
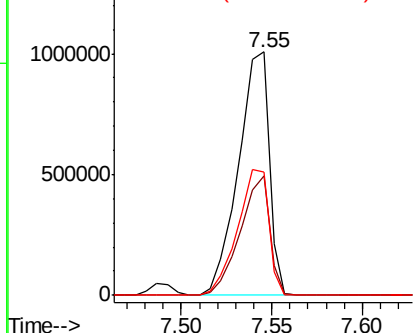
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1196984

Ion	Ratio	Lower	Upper
82	100		
128	49.0	34.2	51.2
54	50.8	38.6	58.0



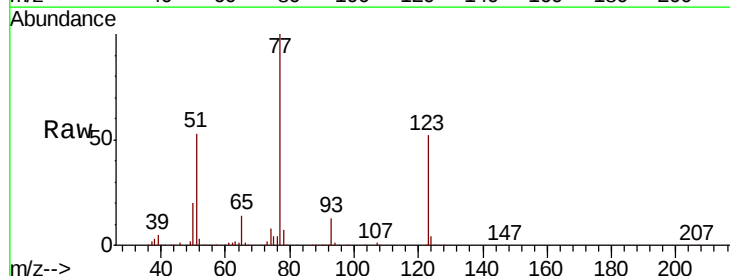
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



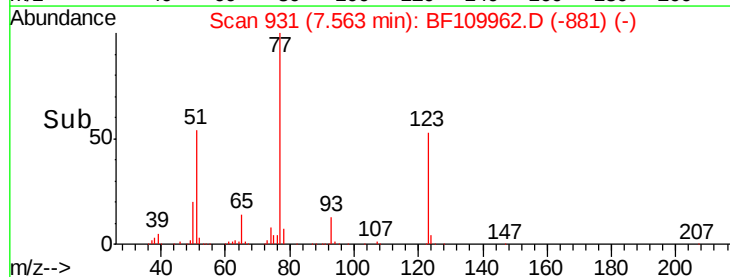
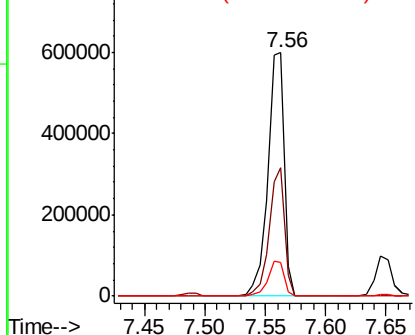
#24
 Nitrobenzene
 Concen: 39.023 ng
 RT: 7.56 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

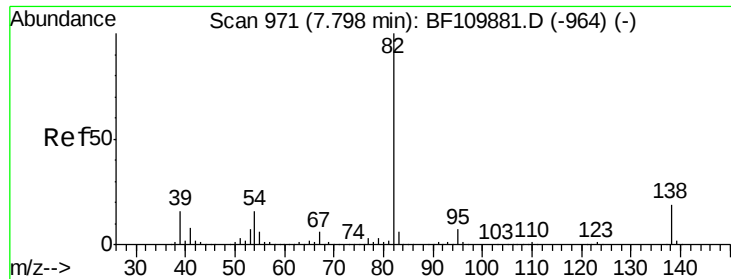
Tgt Ion: 77 Resp: 570006

Ion	Ratio	Lower	Upper
77	100		
123	52.5	35.7	53.5
65	13.6	10.7	16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

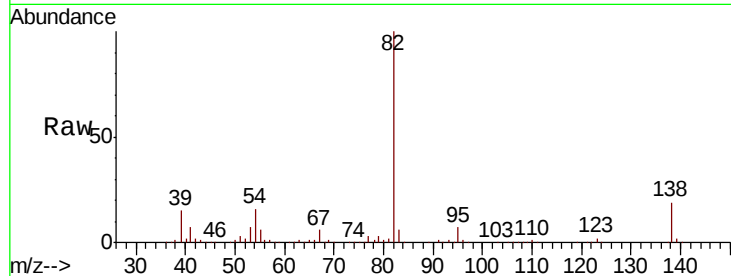




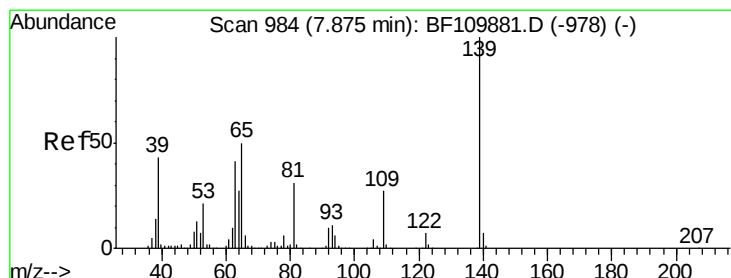
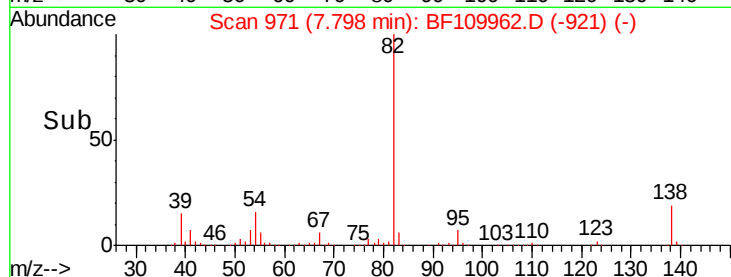
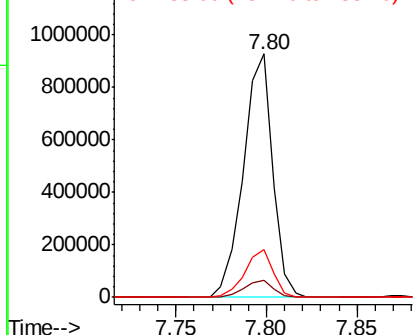
#25
Isophorone
Concen: 39.413 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1041290
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 19.4 13.2 19.8

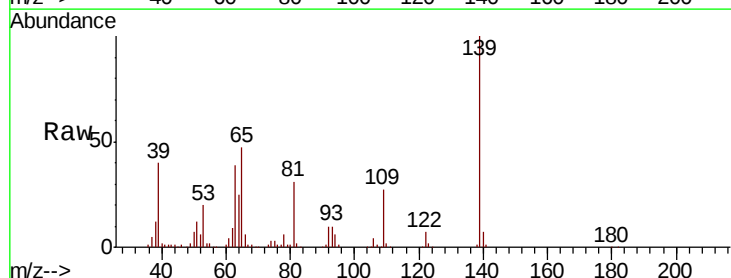


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

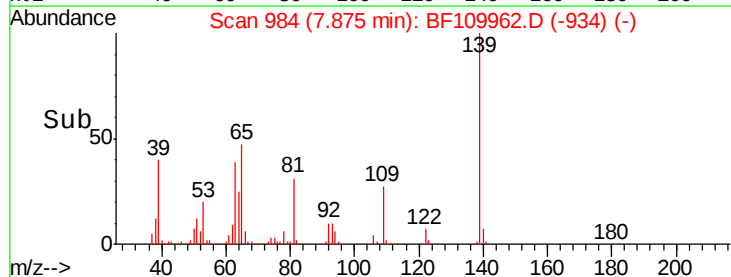
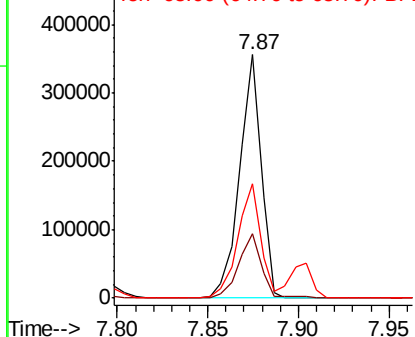


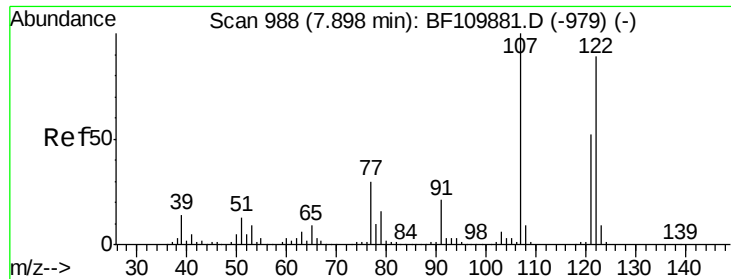
#26
2-Nitrophenol
Concen: 48.697 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Tgt Ion: 139 Resp: 294928
Ion Ratio Lower Upper
139 100
109 26.6 25.0 37.6
65 47.2 44.0 66.0



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

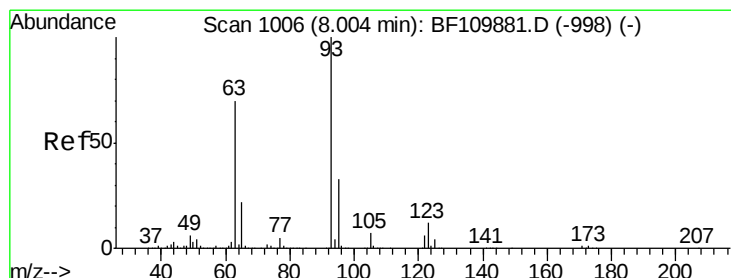
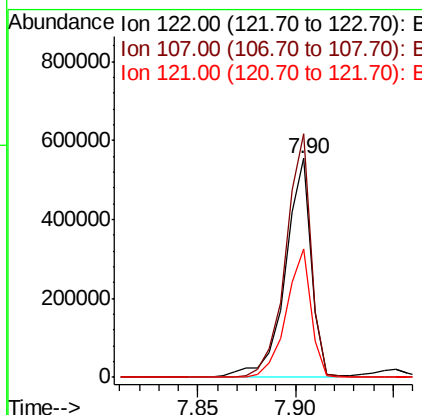
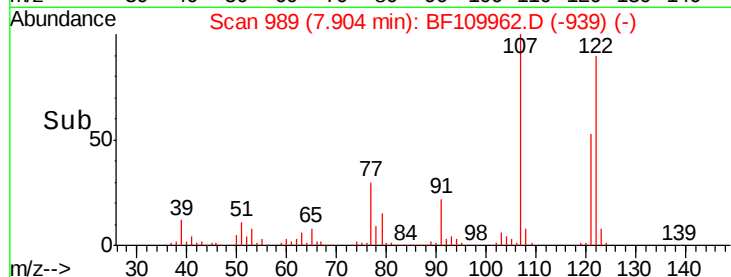
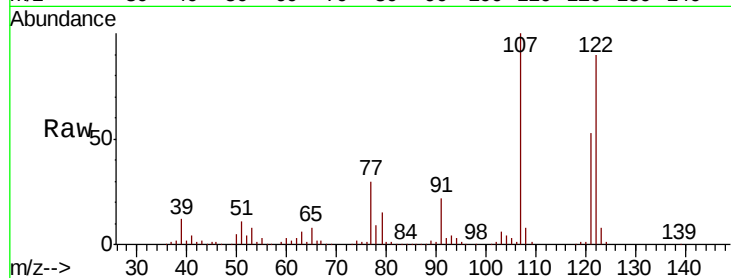




#27
 2,4-Dimethylphenol
 Concen: 40.221 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

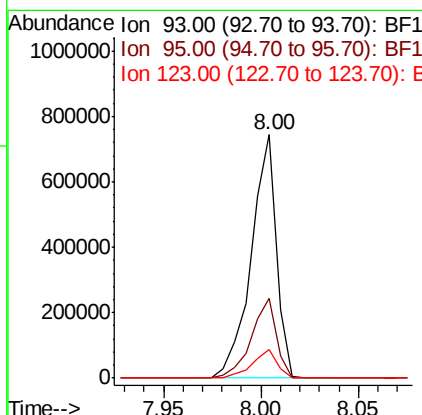
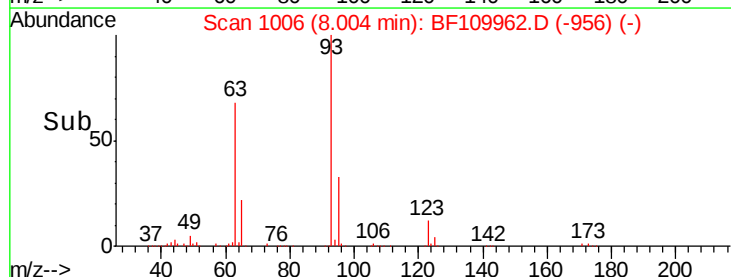
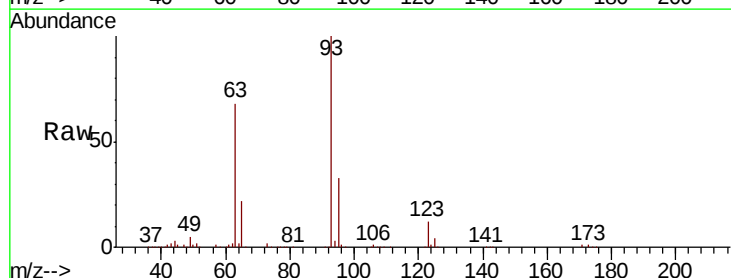
Instrument :
 BNA_F
 ClientSampleId :

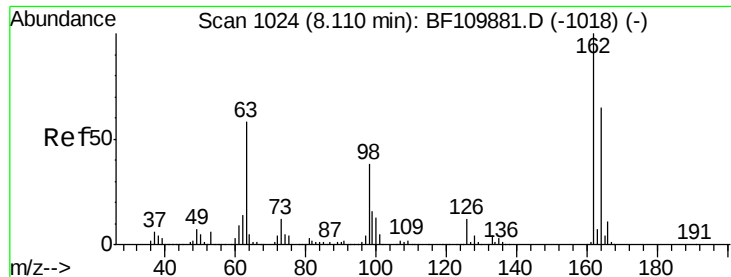
Tot Ion:122 Resp: 511848
 Ion Ratio Lower Upper
 122 100
 107 111.3 92.5 138.7
 121 58.9 45.8 68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.774 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Tgt Ion: 93 Resp: 666785
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.4 39.6
 123 11.7 9.0 13.6

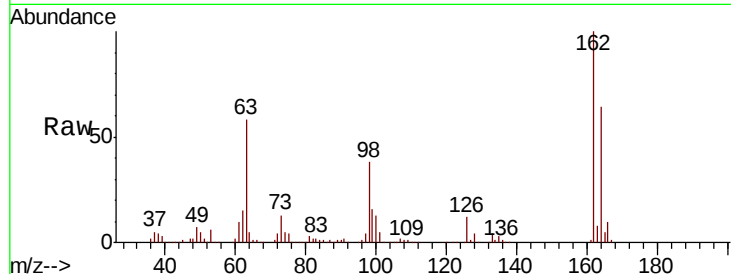




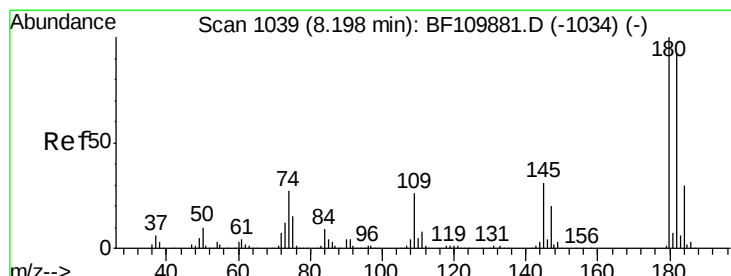
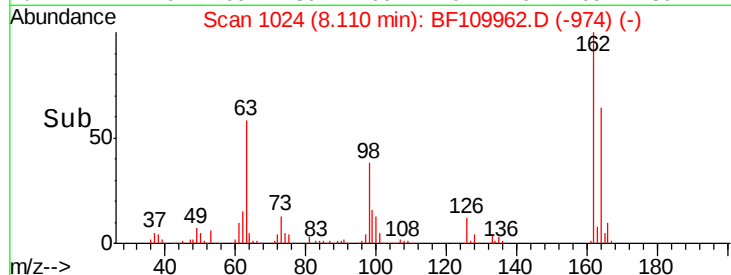
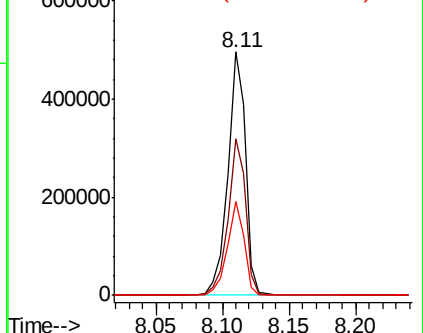
#29
 2,4-Dichlorophenol
 Concen: 37.784 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.6	84.6
98	38.5	17.4	57.4

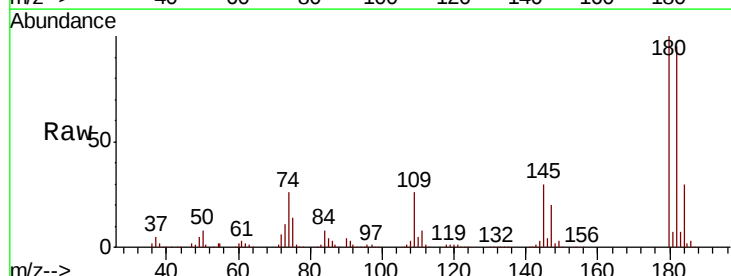


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

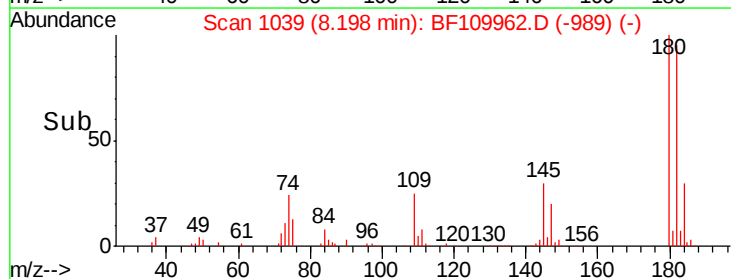
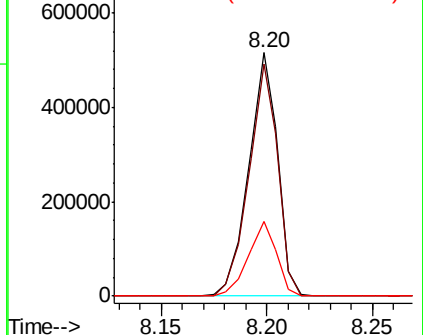


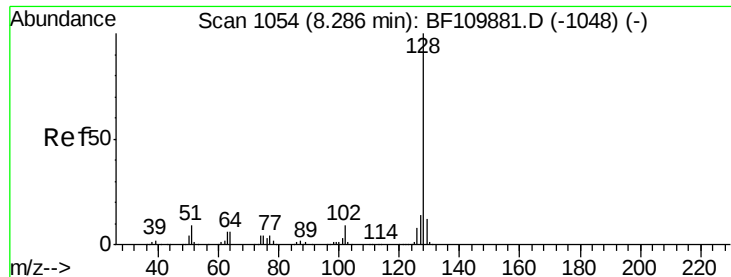
#30
 1,2,4-Trichlorobenzene
 Concen: 35.370 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	80.3	120.5
145	30.5	25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

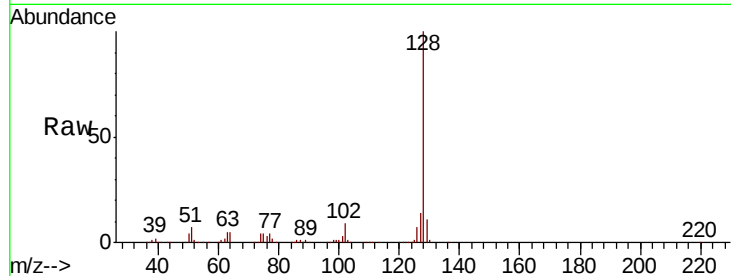




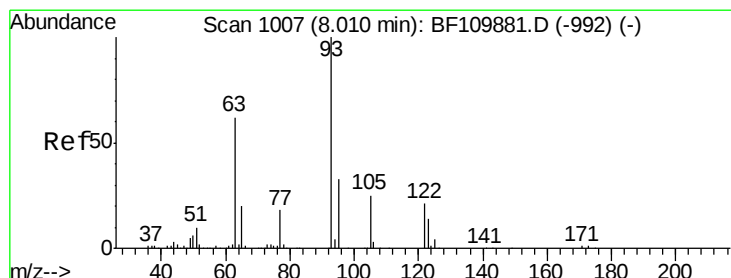
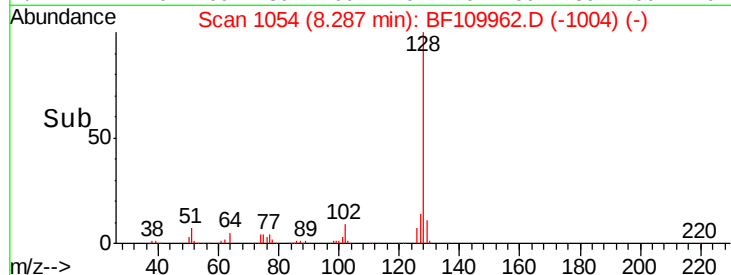
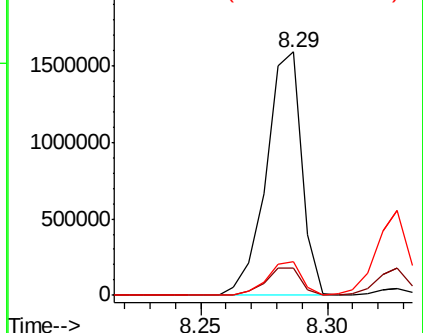
#31
Naphthalene
Concen: 37.718 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1566638
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.6 10.8 16.2

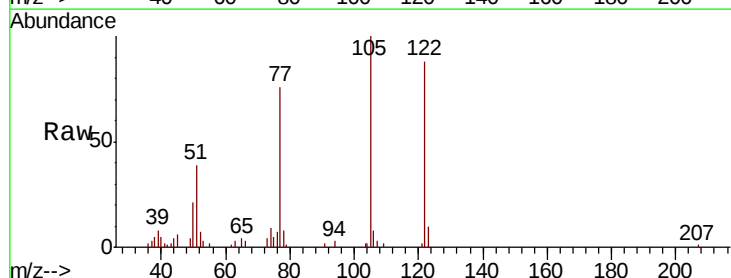


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

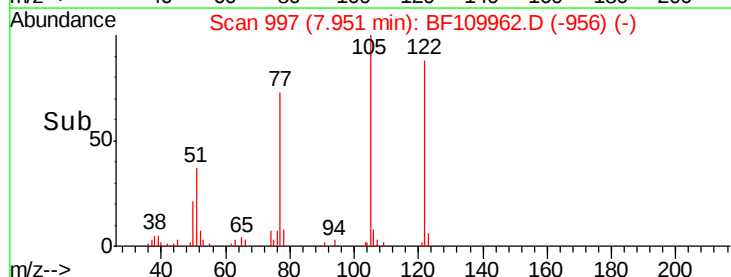
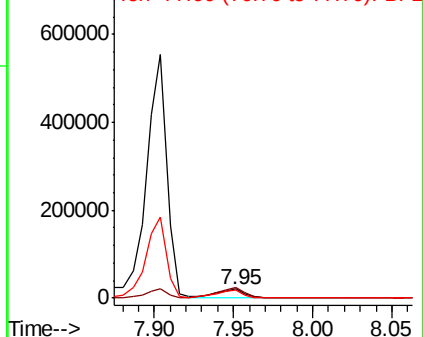


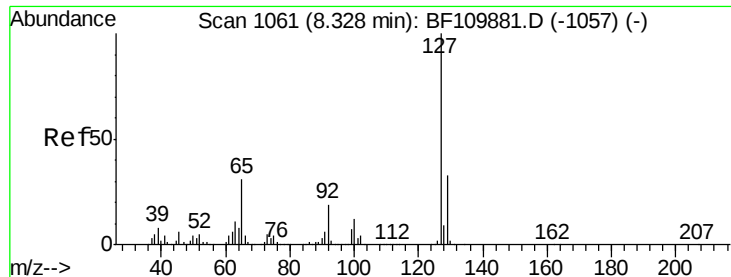
#32
Benzoic acid
Concen: 3.437 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.06 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Tgt Ion:122 Resp: 27254
Ion Ratio Lower Upper
122 100
105 114.1 109.0 149.0
77 86.7 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

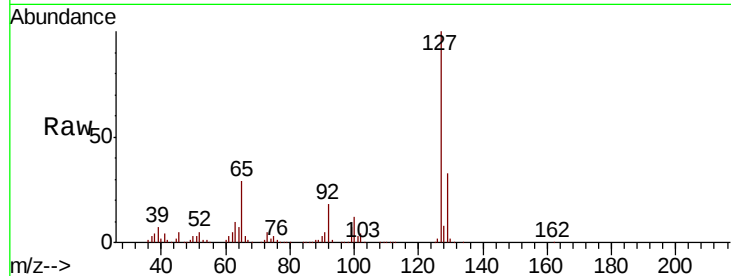




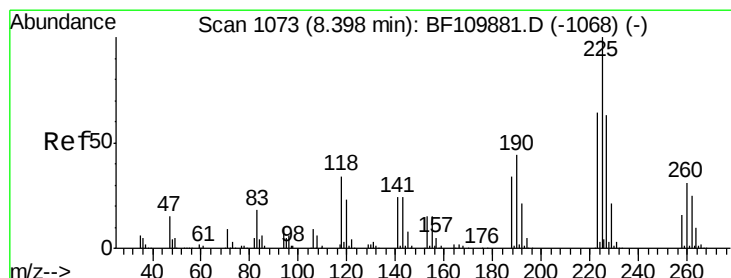
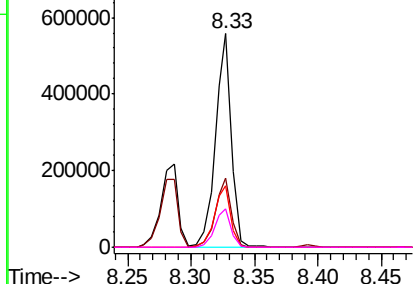
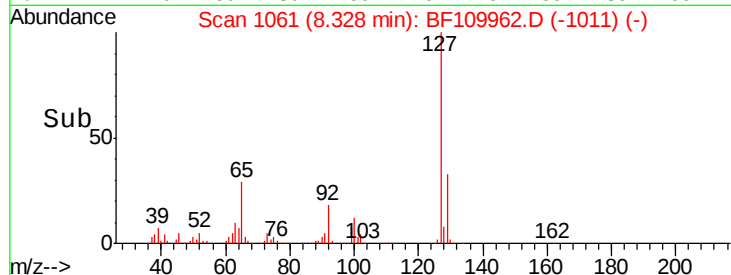
#33
4-Chloroaniline
Concen: 26.427 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	493417
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	28.8	25.1	37.7
92	17.7	15.0	22.6

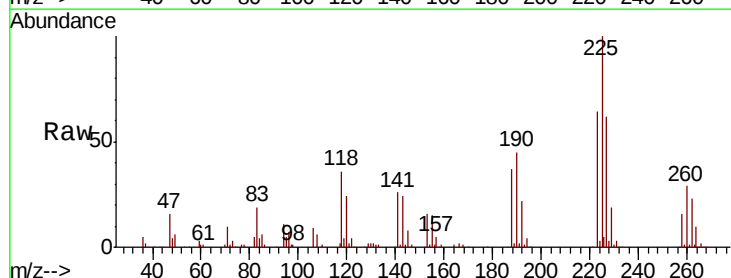


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

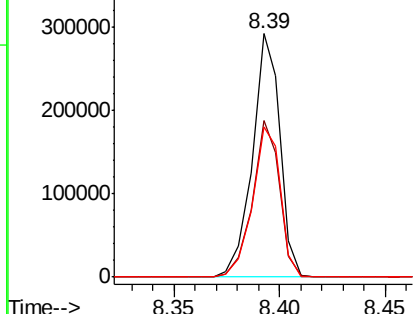
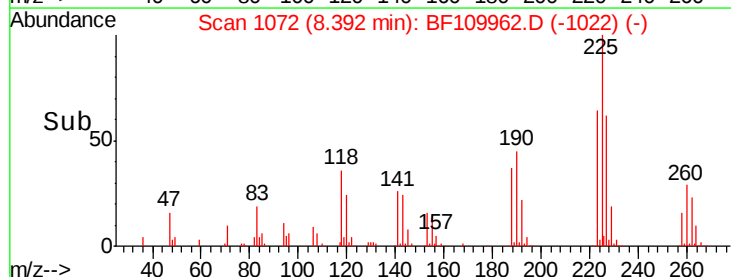


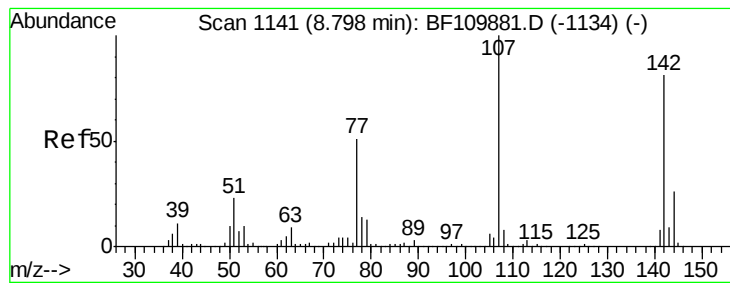
#34
Hexachlorobutadiene
Concen: 34.647 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Tgt Ion:	225	Resp:	264083
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.4	77.2
227	61.5	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#36

4-Chloro-3-methylphenol

Concen: 36.329 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Instrument :

BNA_F

ClientSampleId :

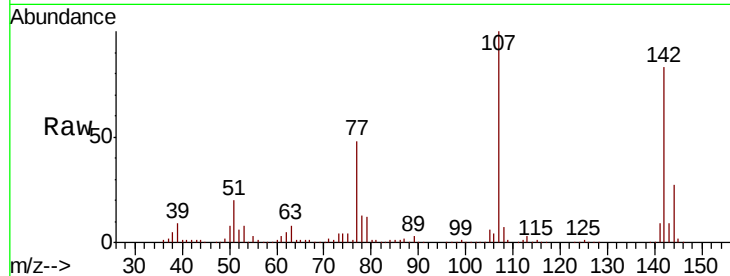
Tot Ion:107 Resp: 473121

Ion Ratio Lower Upper

107 100

144 26.7 20.0 30.0

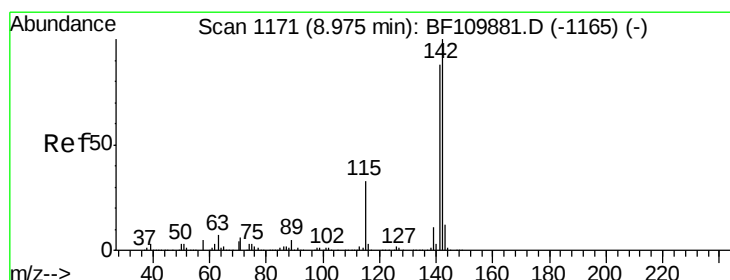
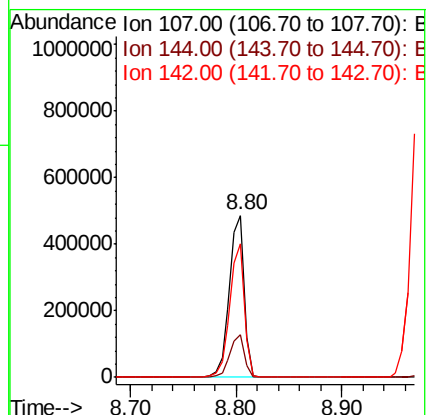
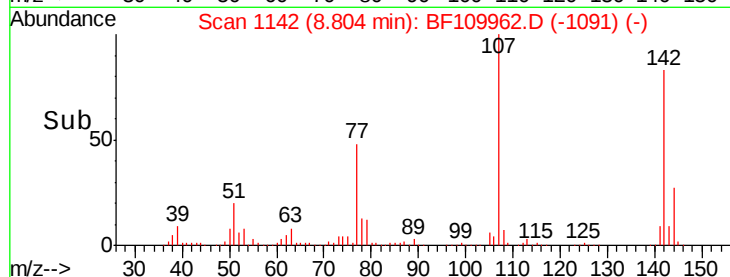
142 82.6 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 39.044 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

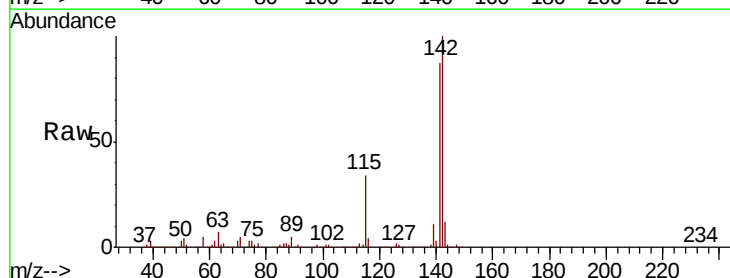
Tgt Ion:142 Resp: 1050118

Ion Ratio Lower Upper

142 100

141 86.8 71.4 107.2

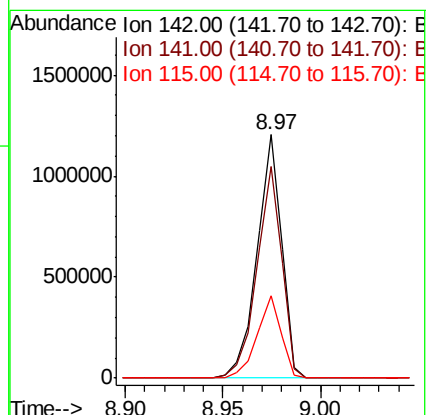
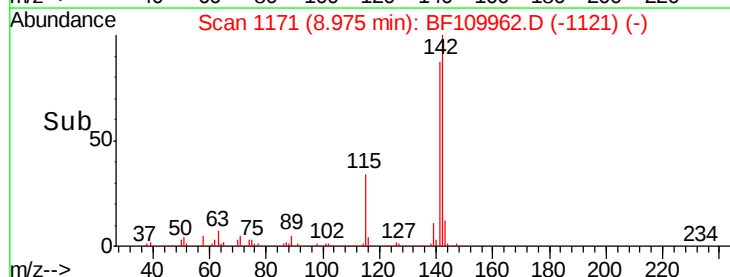
115 34.0 28.7 43.1

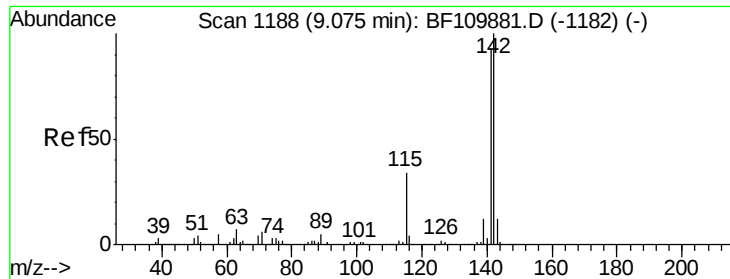


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

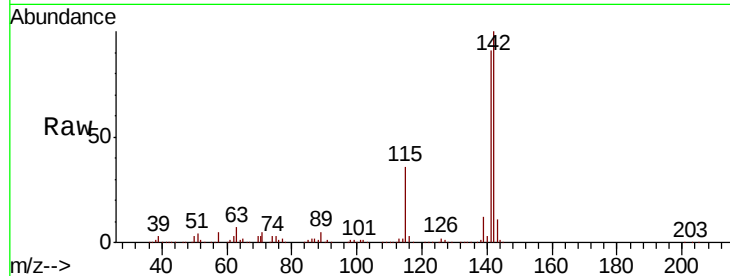




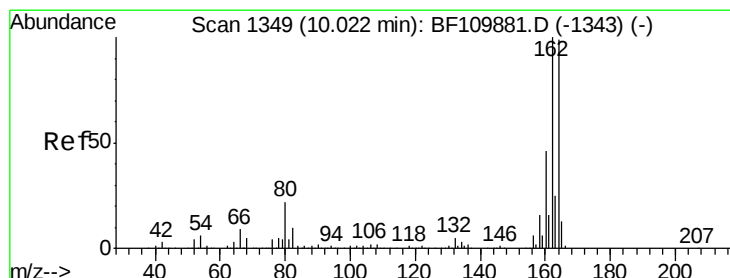
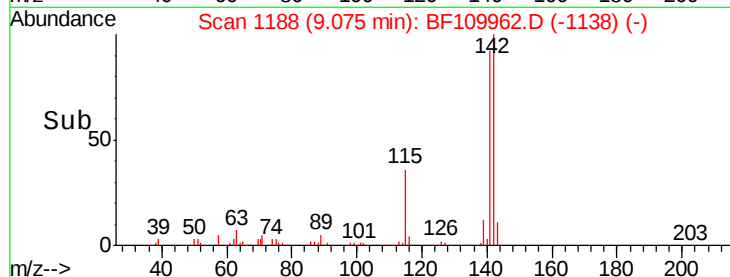
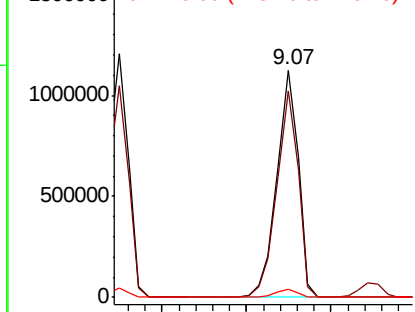
#38
1-Methylnaphthalene
Concen: 38.076 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 992338
Ion Ratio Lower Upper
142 100
141 90.9 74.2 111.4
116 3.5 2.6 4.0

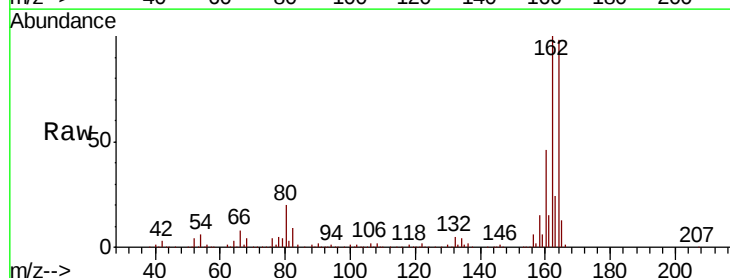


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

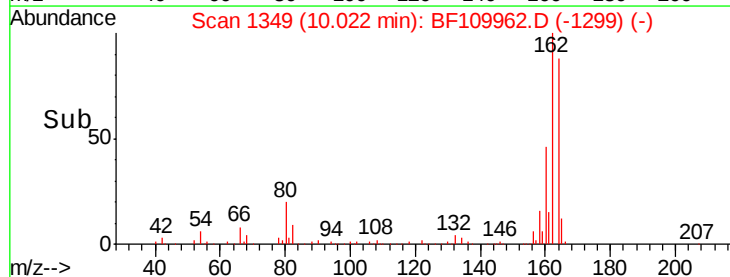
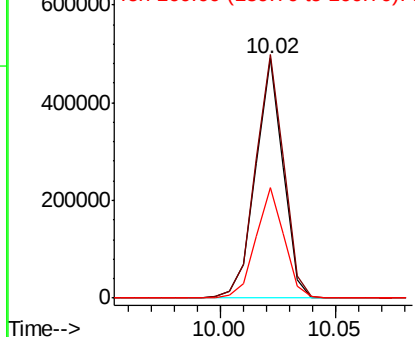


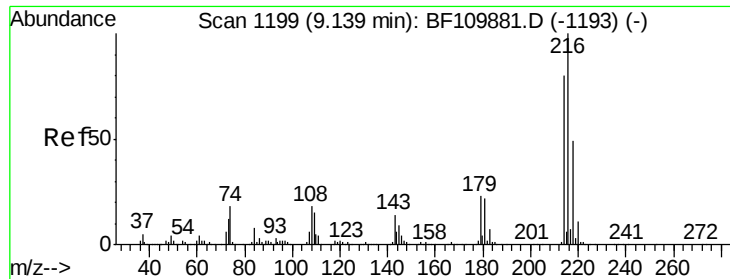
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Tgt Ion:164 Resp: 409116
Ion Ratio Lower Upper
164 100
162 101.6 83.0 124.6
160 46.2 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

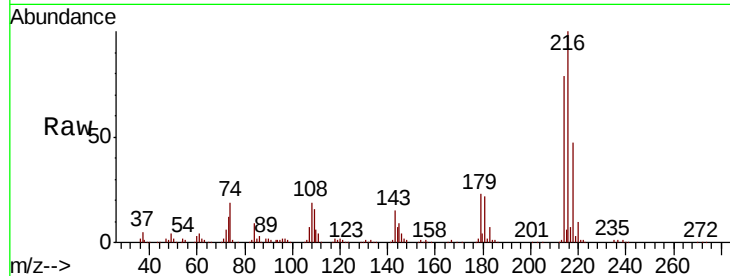




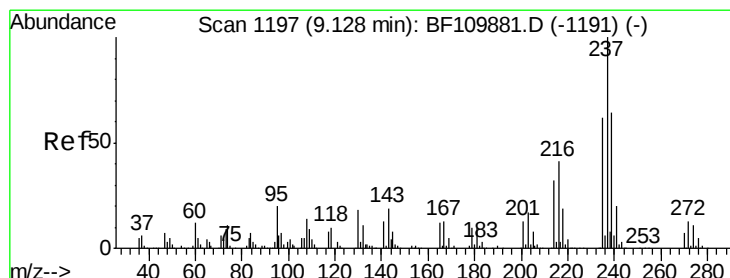
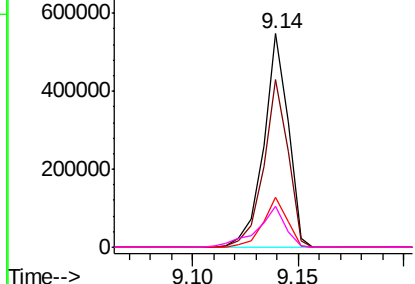
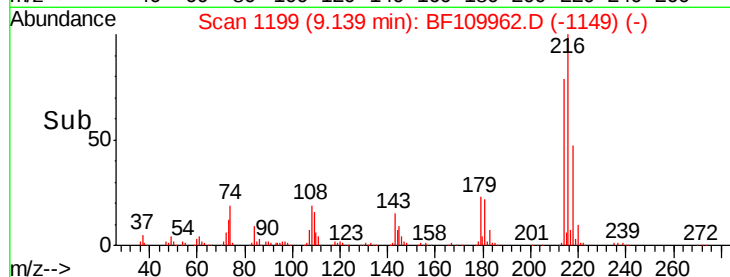
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.108 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	442405
Ion Ratio	Lower	Upper
216	100	
214	78.1	63.8 95.6
179	22.7	16.6 25.0
108	21.8	15.1 22.7

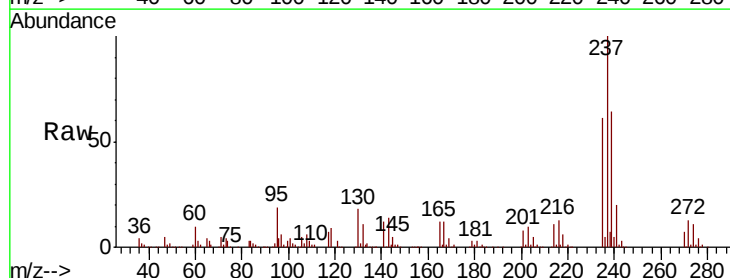


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

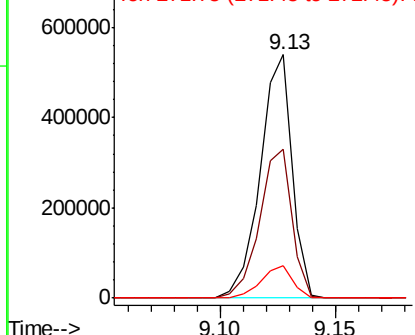
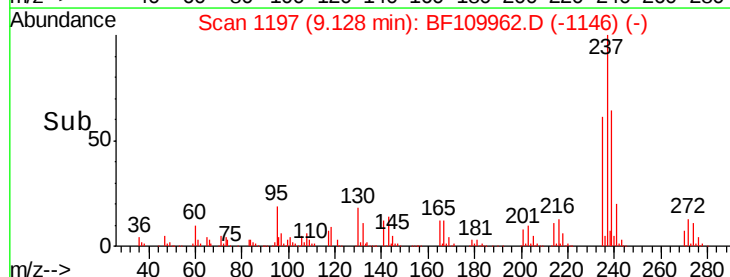


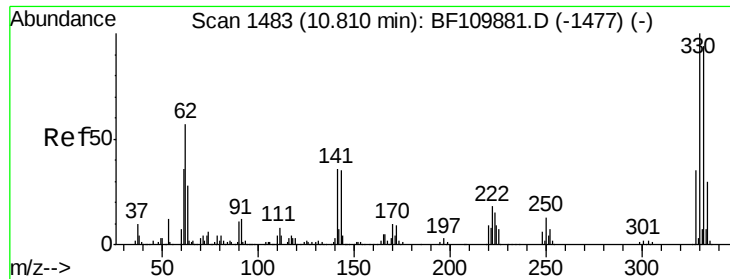
#41
 Hexachlorocyclopentadiene
 Concen: 85.085 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Tgt Ion:237	Resp:	517493
Ion Ratio	Lower	Upper
237	100	
235	61.2	43.1 83.1
272	13.3	0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

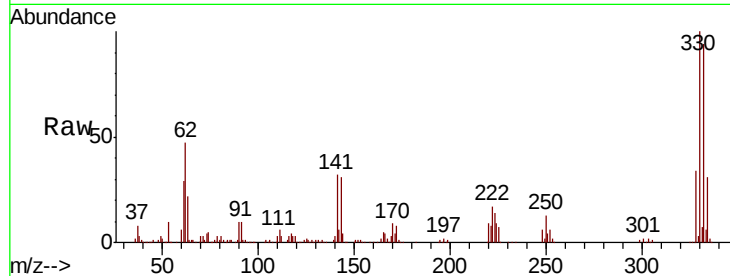




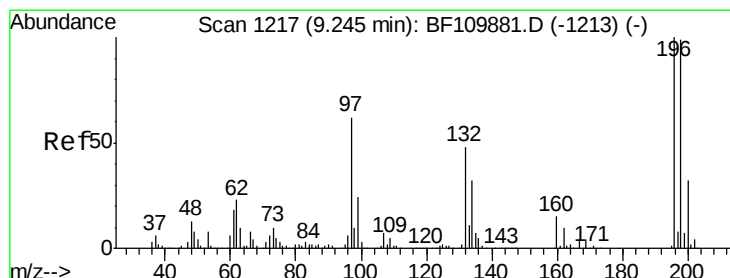
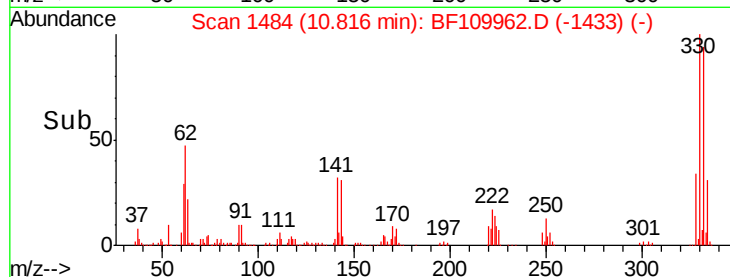
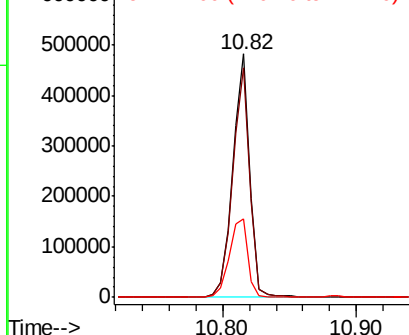
#42
 2,4,6-Tribromophenol
 Concen: 122.037 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	35.9	27.0	40.4

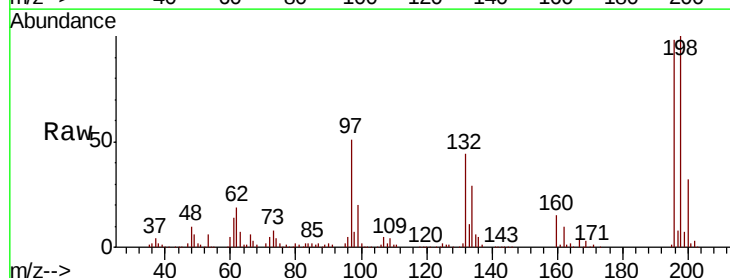


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

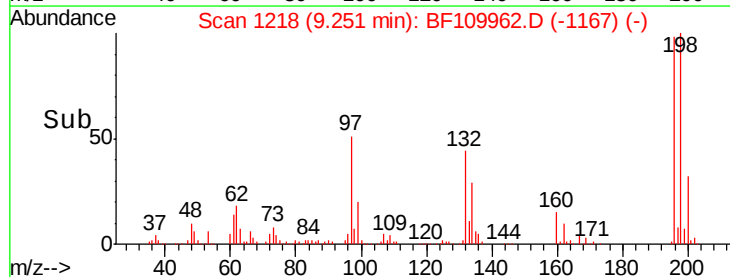
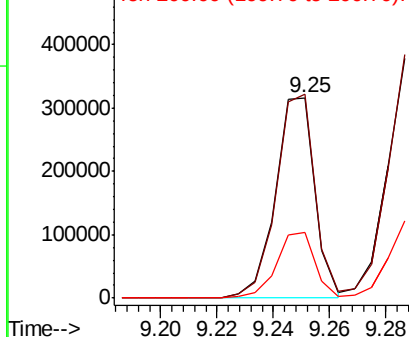


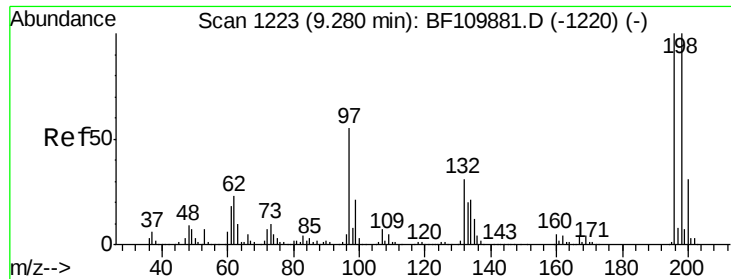
#43
 2,4,6-Trichlorophenol
 Concen: 38.869 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.0	76.2	114.4
200	32.6	24.4	36.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

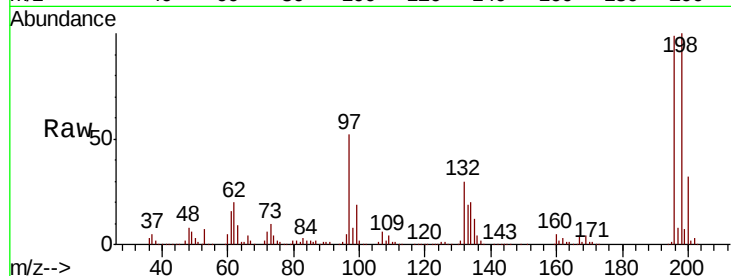




#44
 2,4,5-Trichlorophenol
 Concen: 39.789 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.4	75.8	113.6
97	52.8	42.4	63.6
132	30.5	22.8	34.2



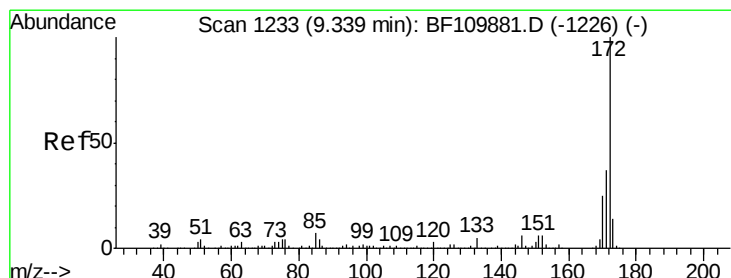
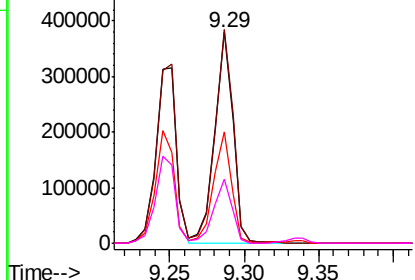
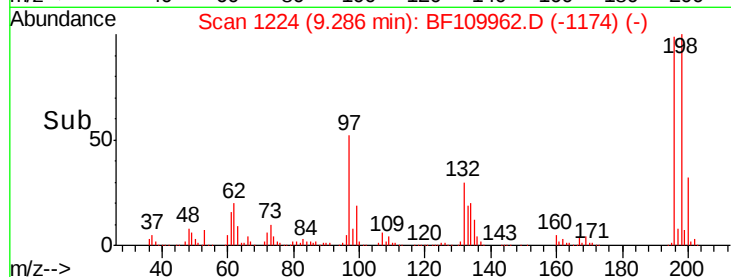
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

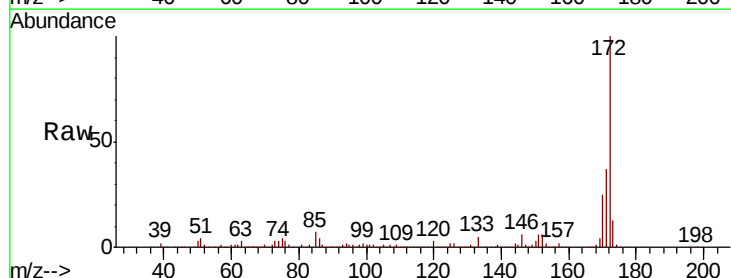
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.706 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.7	19.7	29.5

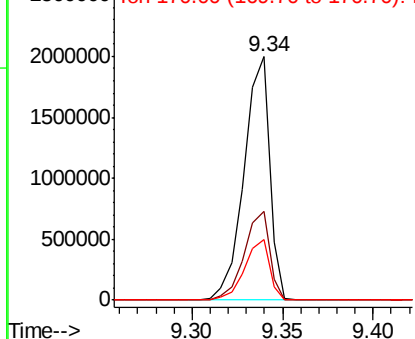
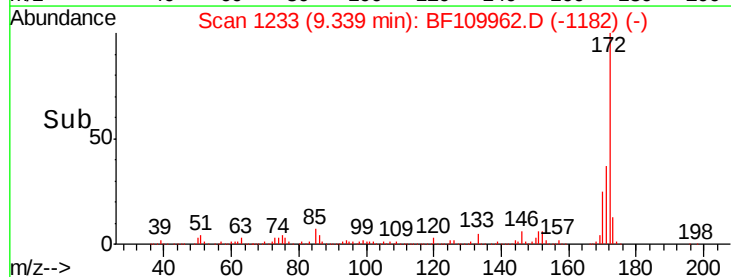


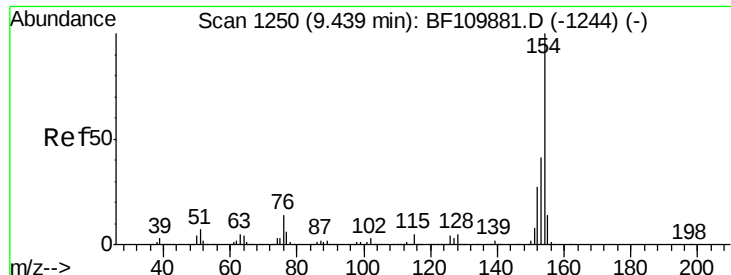
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

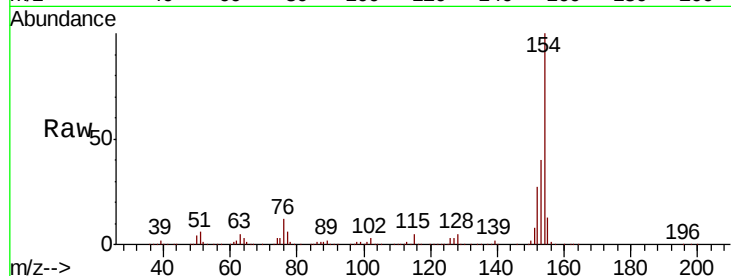




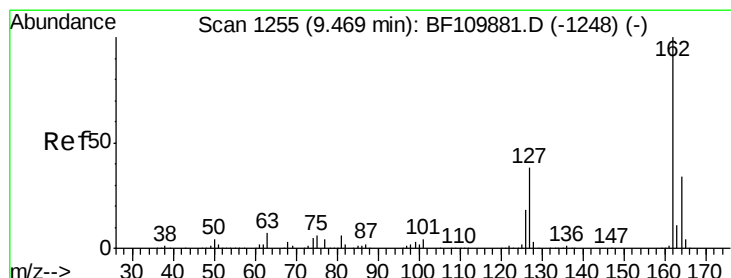
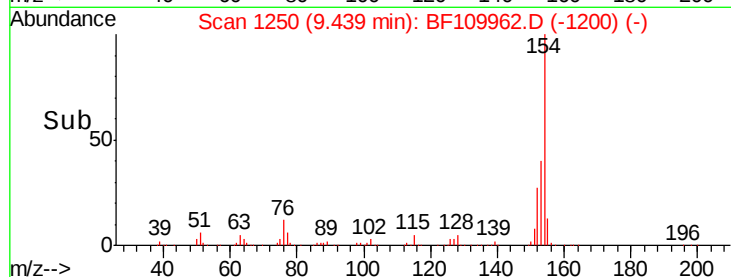
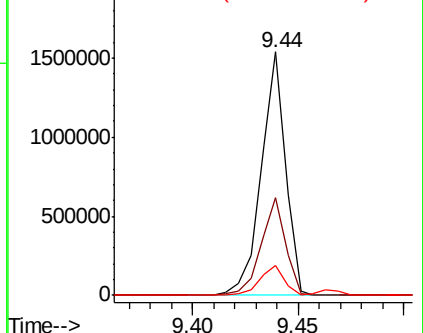
#46
1,1'-Biphenyl
Concen: 34.032 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 1240488
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 12.2 0.0 31.9

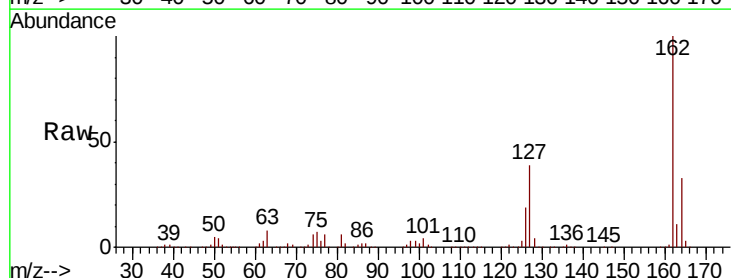


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

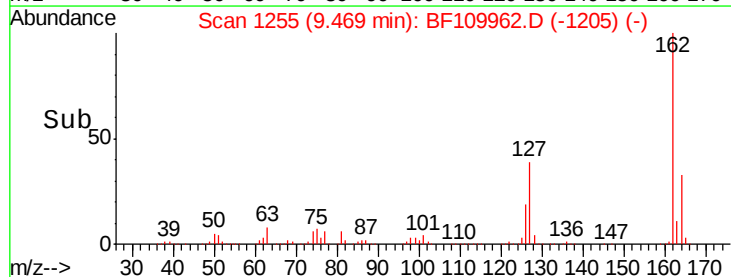
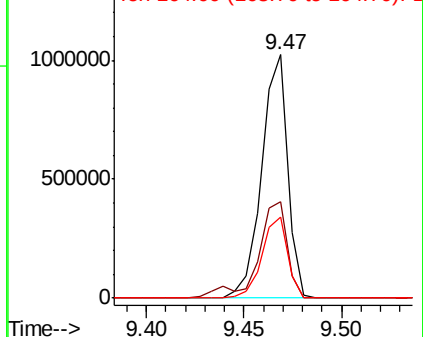


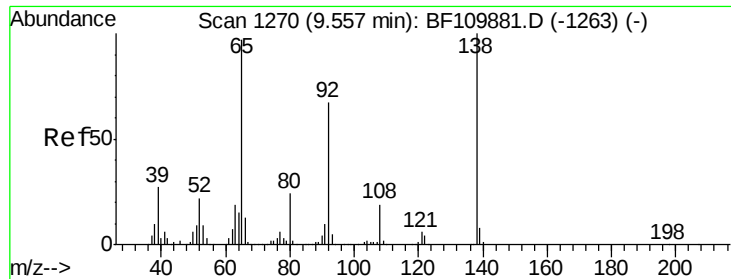
#47
2-Chloronaphthalene
Concen: 35.044 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Tgt Ion:162 Resp: 940904
Ion Ratio Lower Upper
162 100
127 39.4 32.6 48.8
164 33.5 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

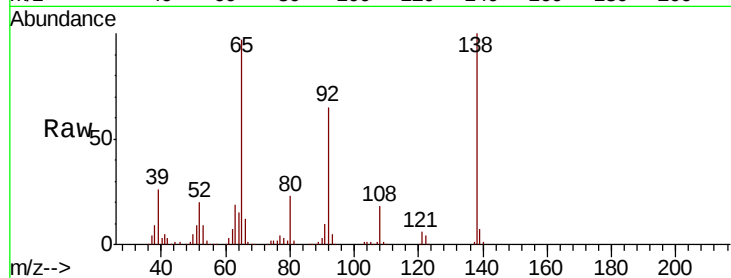




#48
2-Nitroaniline
Concen: 43.591 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.3	54.6	81.8
138	102.7	80.3	120.5

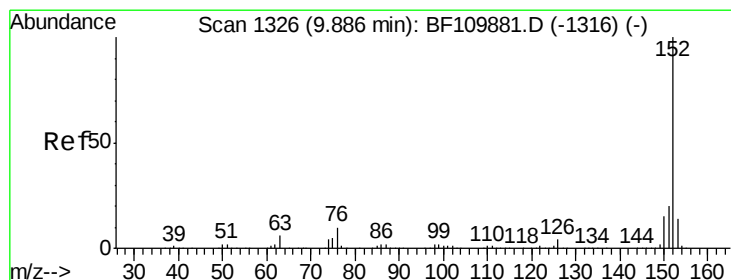
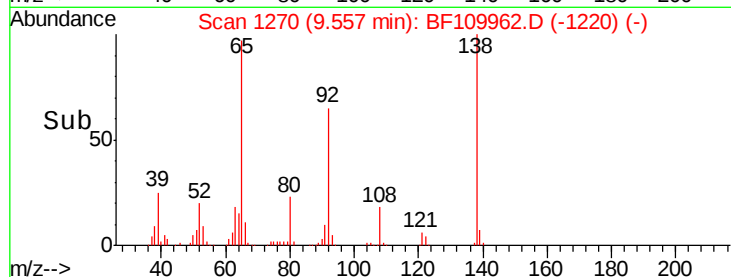
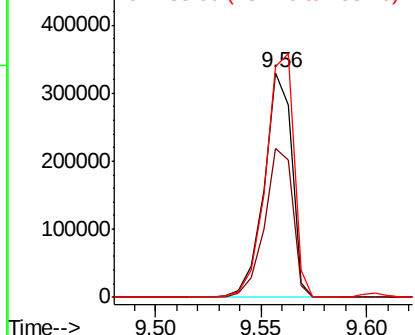


Abundance

Ion 65.00 (64.70 to 65.70): BF1

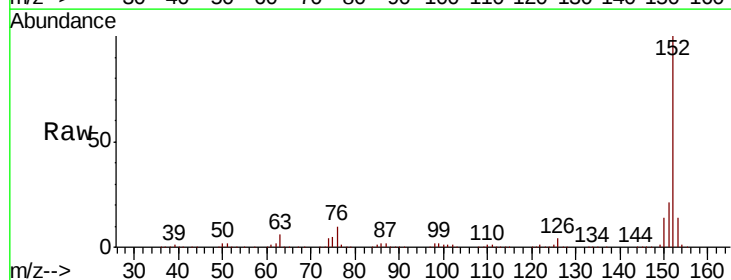
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#49
Acenaphthylene
Concen: 37.681 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.8
153	14.1	10.4	15.6

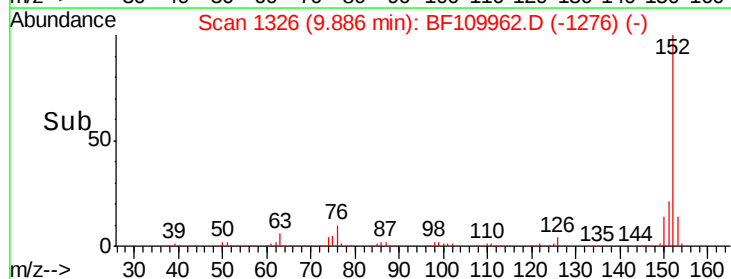
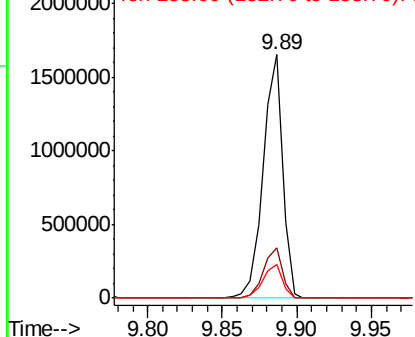


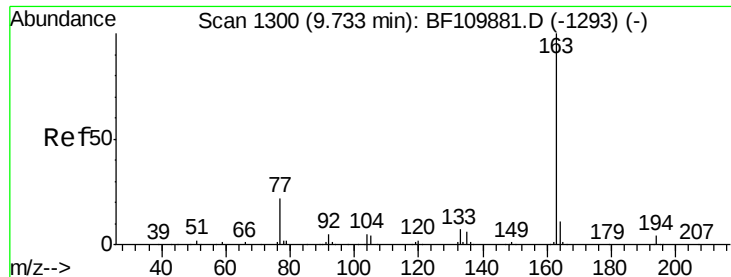
Abundance

Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

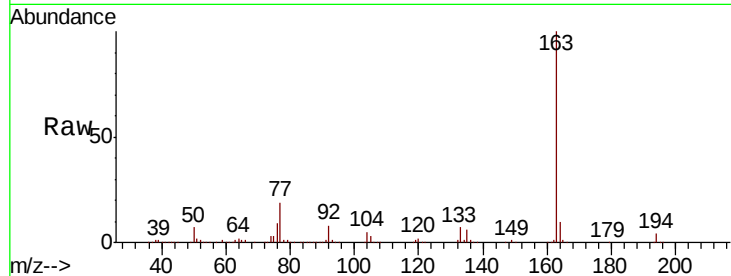




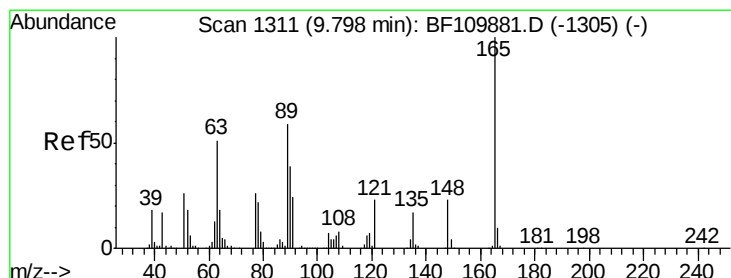
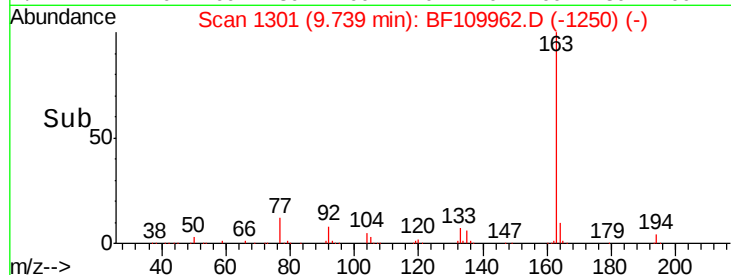
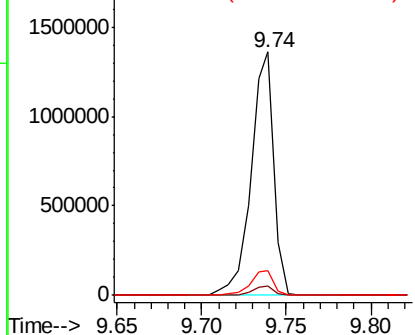
#50
Dimethylphthalate
Concen: 44.066 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1276543
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.1 8.1 12.1

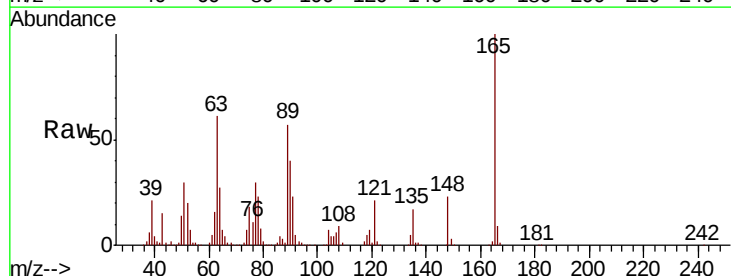


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

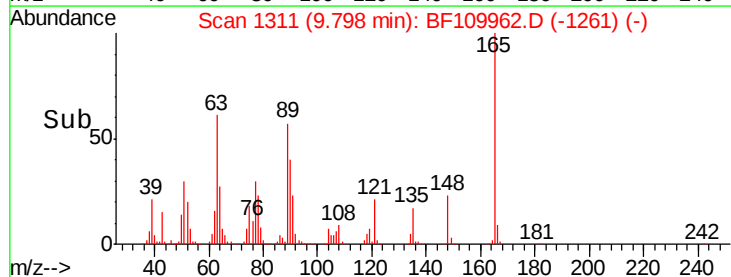
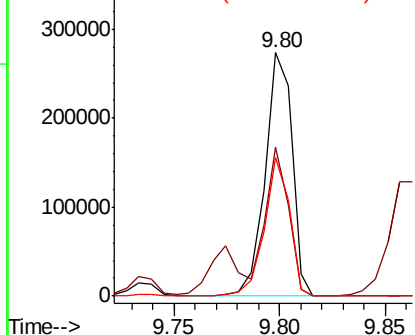


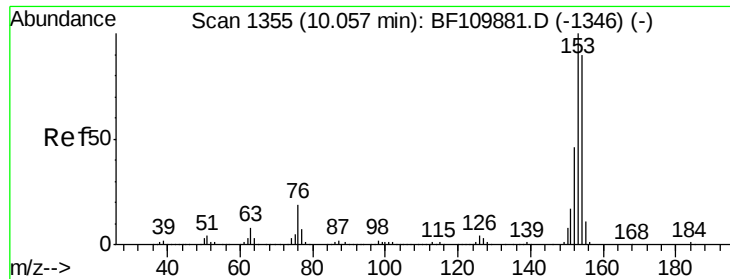
#51
2,6-Dinitrotoluene
Concen: 44.306 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Tgt Ion:165 Resp: 243780
Ion Ratio Lower Upper
165 100
63 61.4 48.9 73.3
89 56.8 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 37.500 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Instrument :

BNA_F

ClientSampleId :

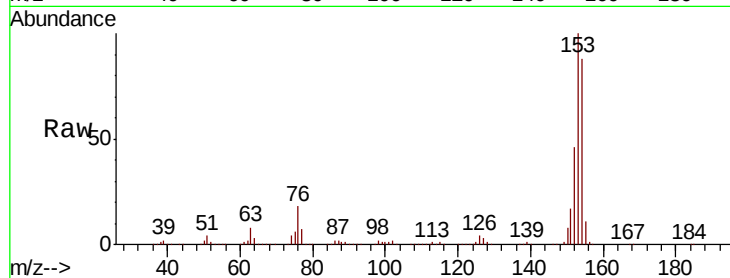
Tot Ion:154 Resp: 931222

Ion Ratio Lower Upper

154 100

153 113.0 90.1 135.1

152 51.9 43.4 65.2

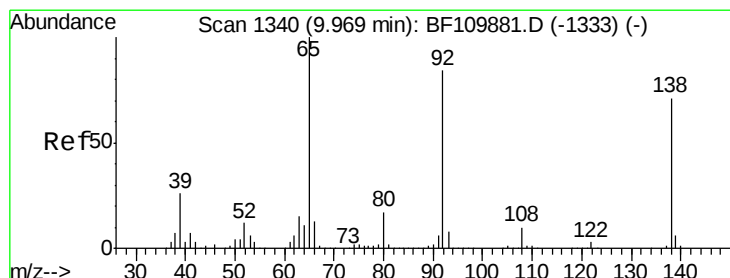
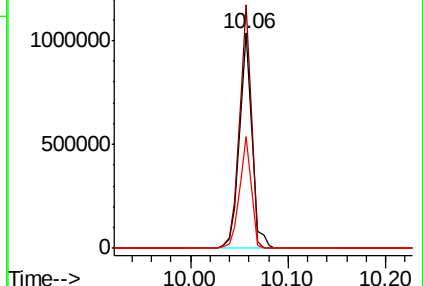
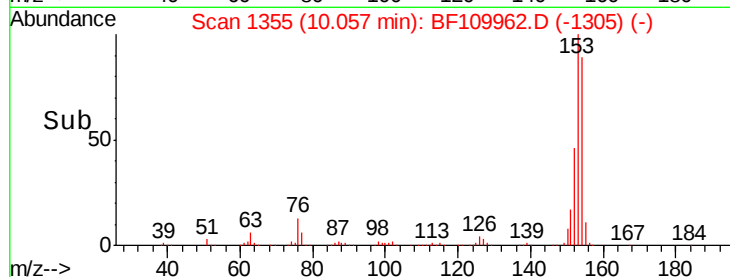


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 34.312 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

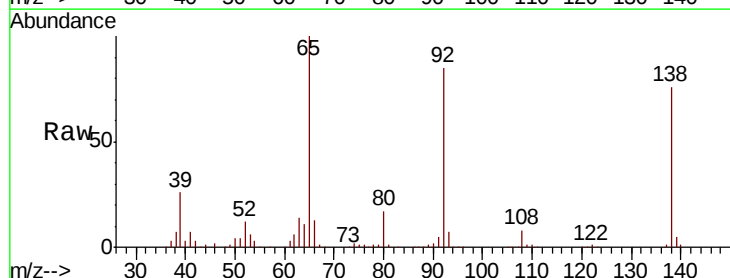
Tgt Ion:138 Resp: 229656

Ion Ratio Lower Upper

138 100

108 10.8 8.7 13.1

92 111.9 97.0 145.4

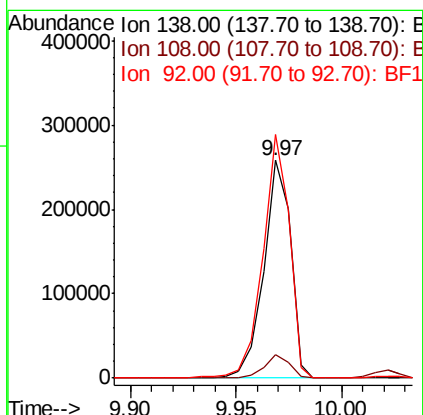
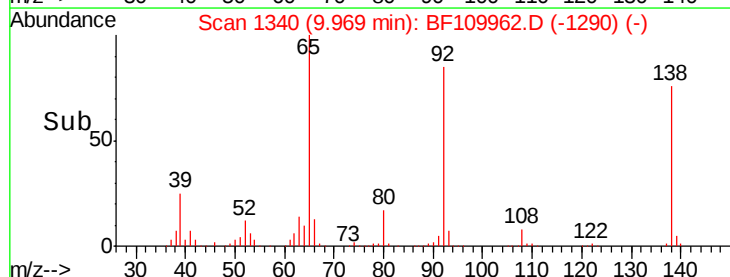


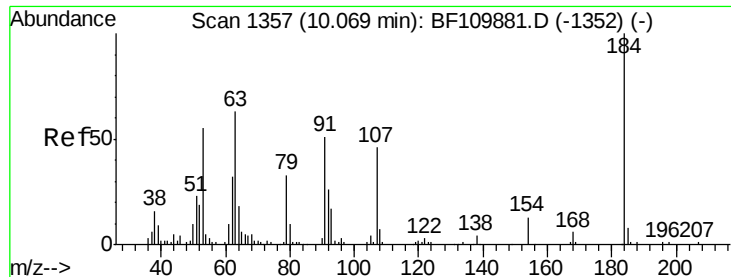
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

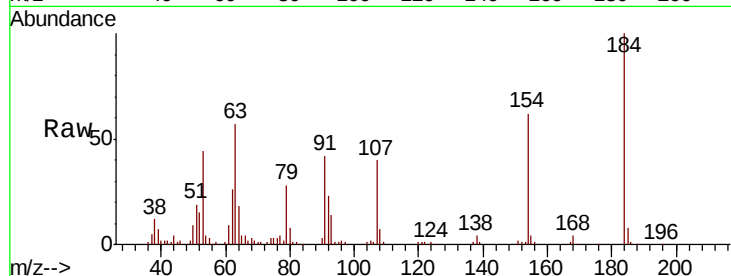




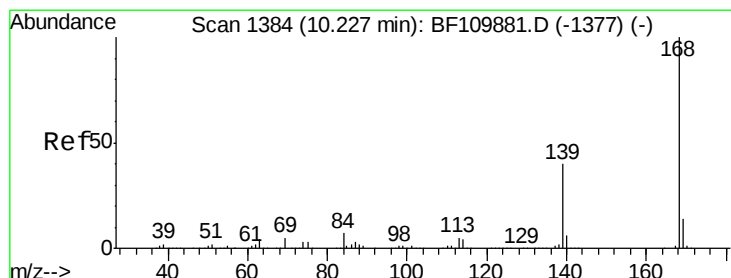
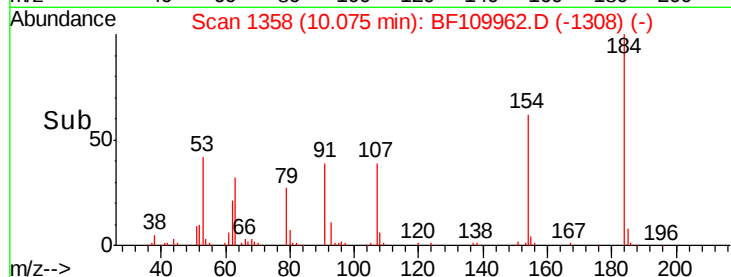
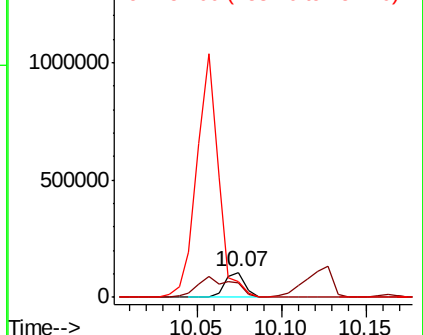
#54
2,4-Dinitrophenol
Concen: 53.550 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 88052
Ion Ratio Lower Upper
184 100
63 56.6 55.8 83.6
154 62.2 63.2 94.8#

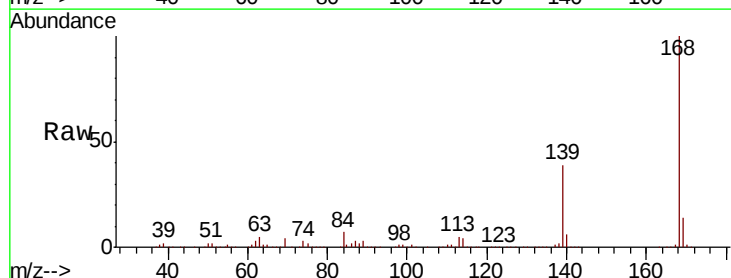


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

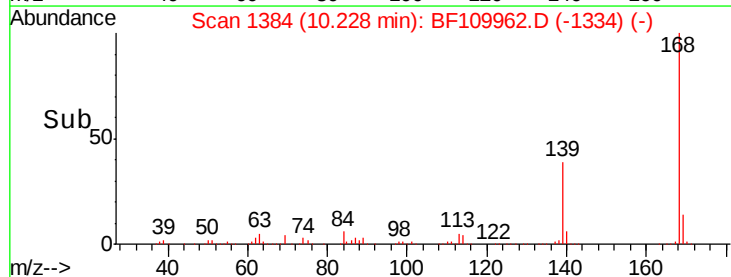
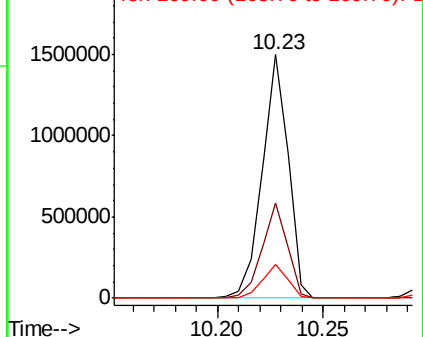


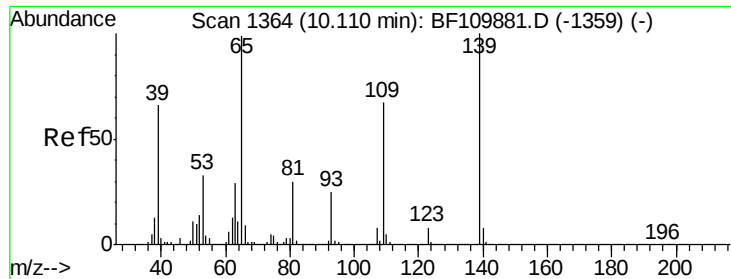
#55
Dibenzofuran
Concen: 36.255 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Tgt Ion:168 Resp: 1283957
Ion Ratio Lower Upper
168 100
139 39.2 33.0 49.6
169 13.6 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

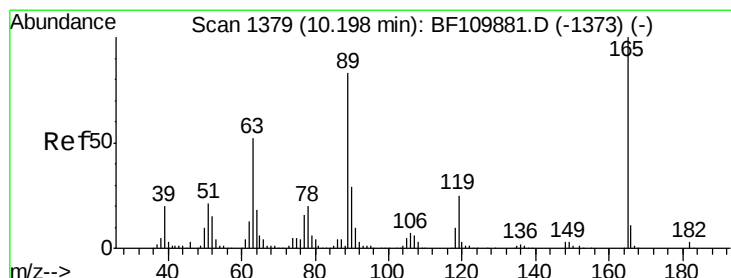
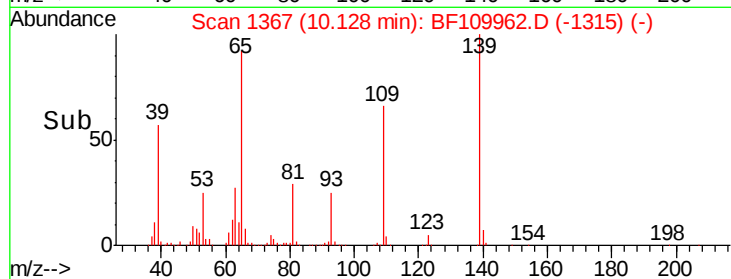
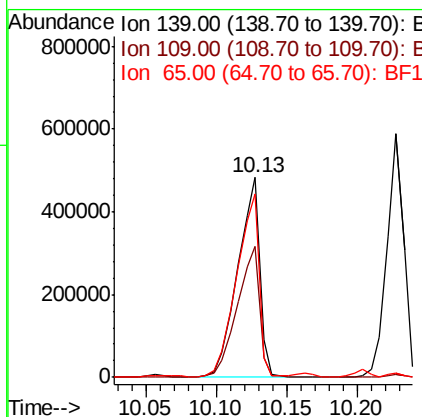
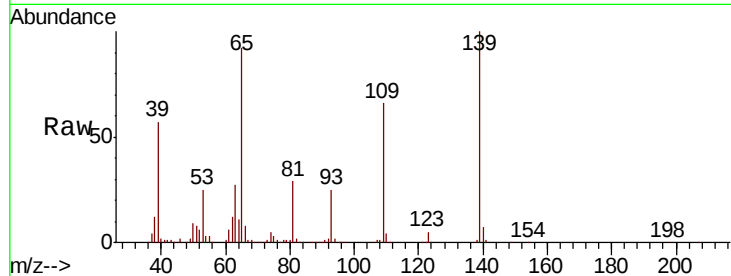




#56
4-Nitrophenol
Concen: 103.180 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

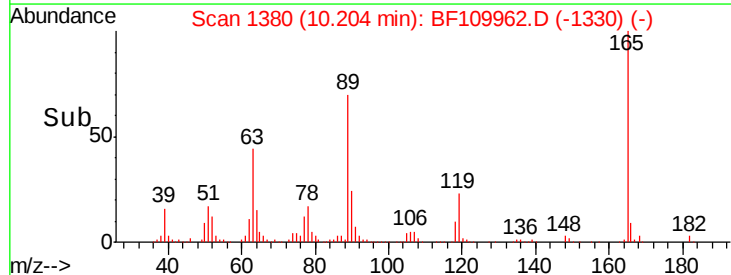
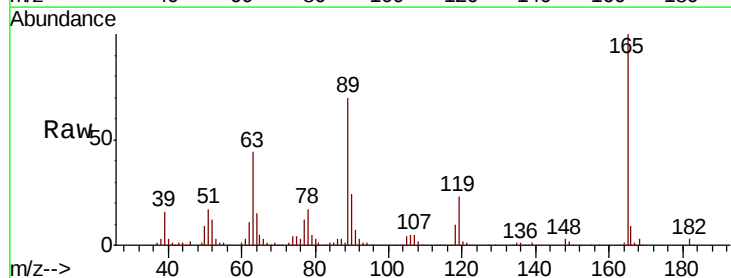
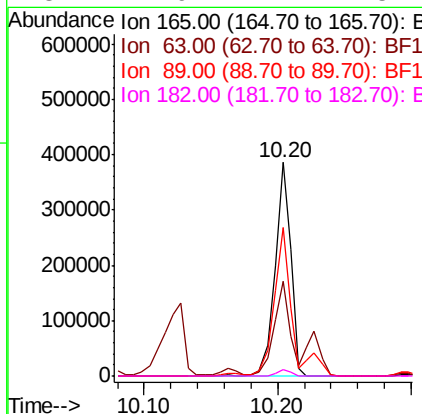
Instrument :
BNA_F
ClientSampleId :

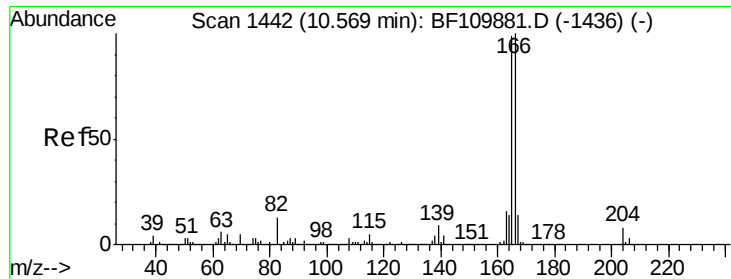
Tot Ion	Ratio	Lower	Upper
139	100		
109	65.9	55.8	95.8
65	91.8	77.9	117.9



#57
2,4-Dinitrotoluene
Concen: 46.043 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.5	44.8	67.2#
89	69.8	62.2	93.4
182	2.9	2.1	3.1

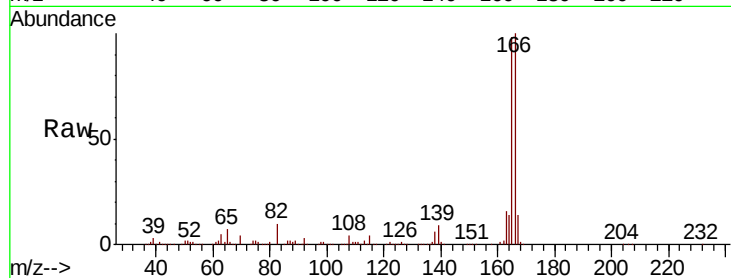




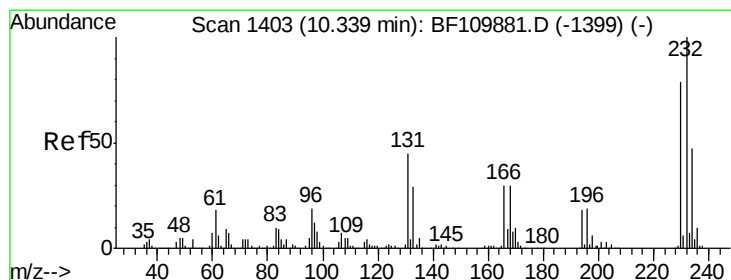
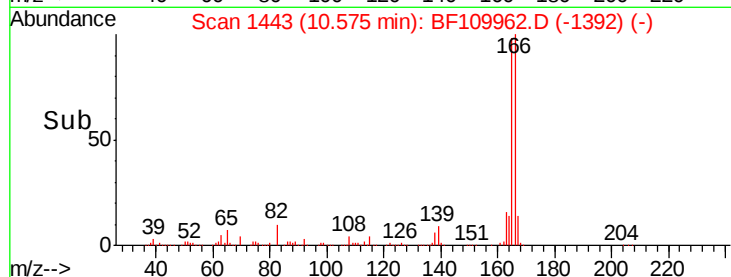
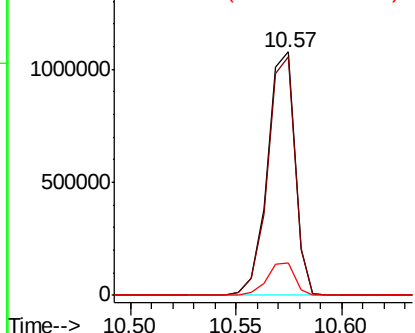
#58
 Fluorene
 Concen: 37.954 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 978453
 Ion Ratio Lower Upper
 166 100
 165 97.9 78.6 117.8
 167 13.5 10.8 16.2

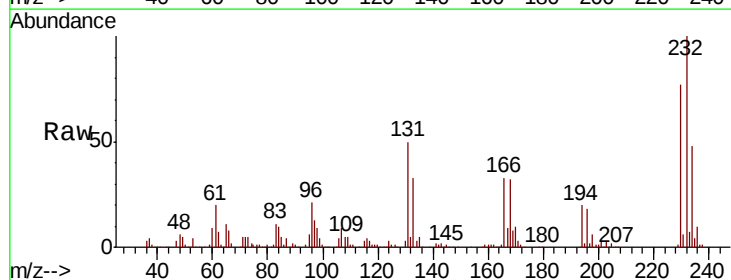


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

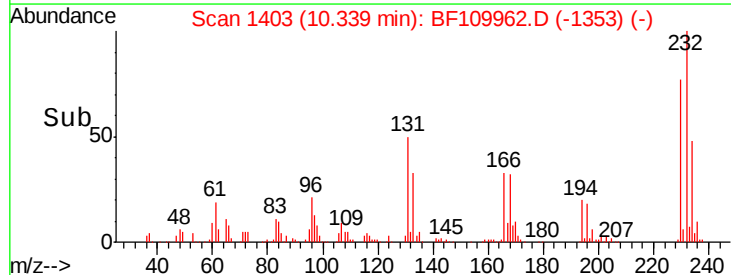
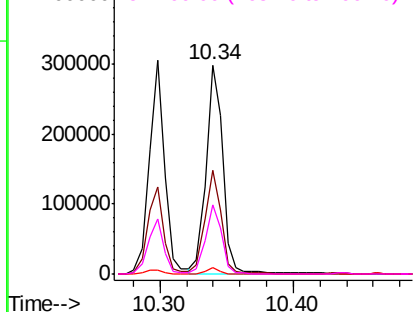


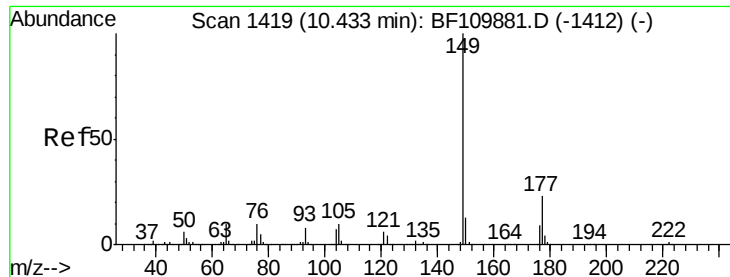
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.290 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Tgt Ion:232 Resp: 261127
 Ion Ratio Lower Upper
 232 100
 131 48.6 37.0 55.4
 130 2.4 1.8 2.6
 166 32.1 22.0 33.0



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

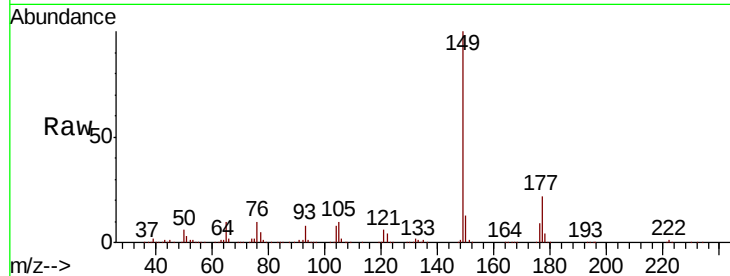




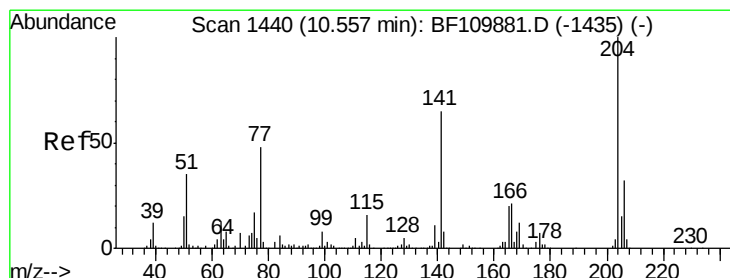
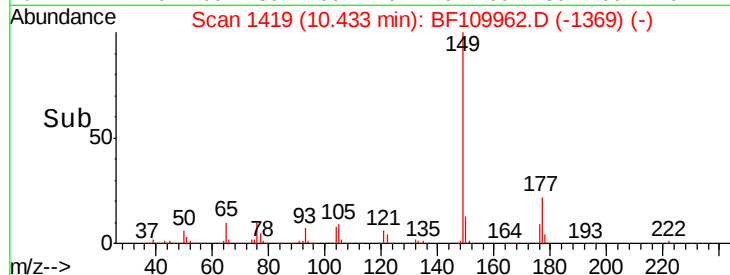
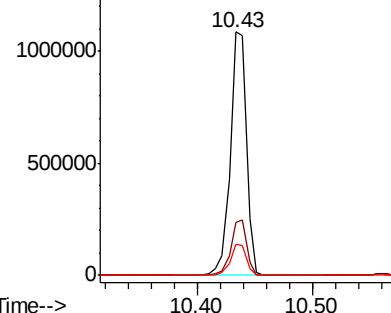
#60
Diethylphthalate
Concen: 36.754 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1051619
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.2
150 12.6 9.8 14.8

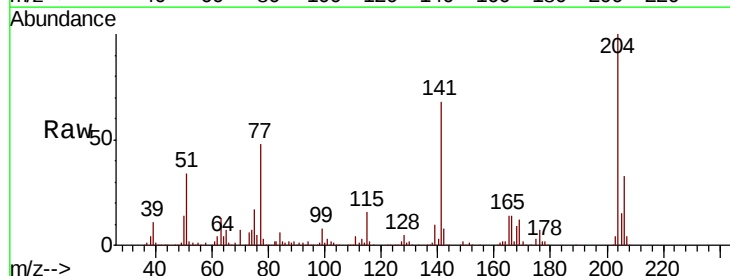


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

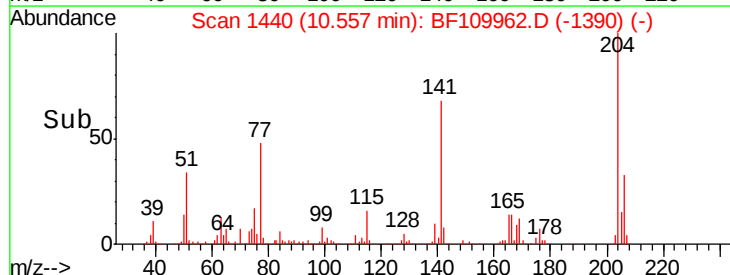
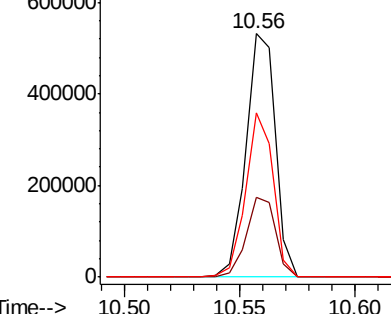


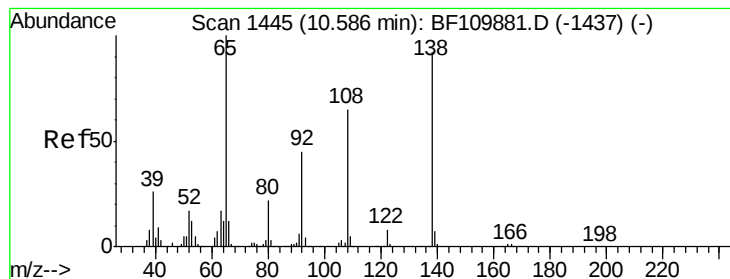
#61
4-Chlorophenyl-phenylether
Concen: 35.299 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Tgt Ion:204 Resp: 474037
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 67.7 51.8 77.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 39.757 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Instrument :

BNA_F

ClientSampleId :

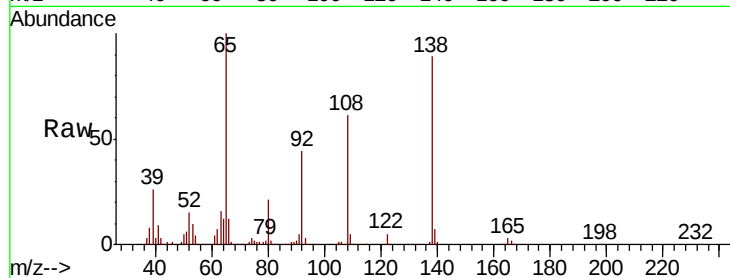
Tot Ion:138 Resp: 251889

Ion Ratio Lower Upper

138 100

92 49.8 31.7 71.7

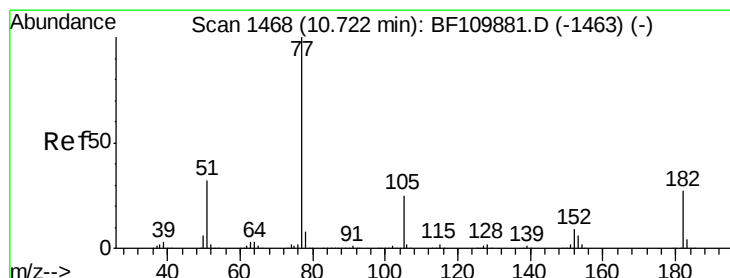
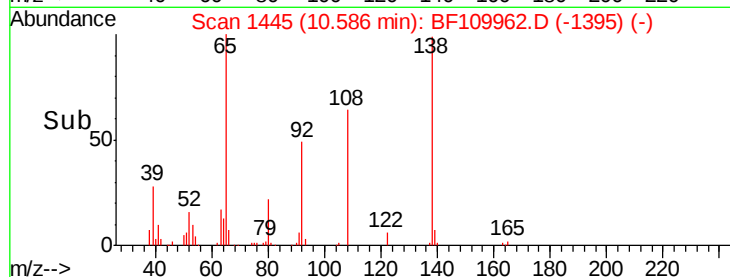
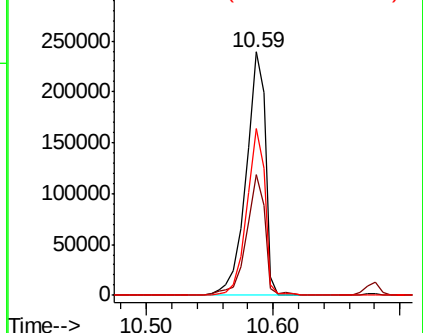
108 68.4 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 33.872 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Tgt Ion: 77 Resp: 1012455

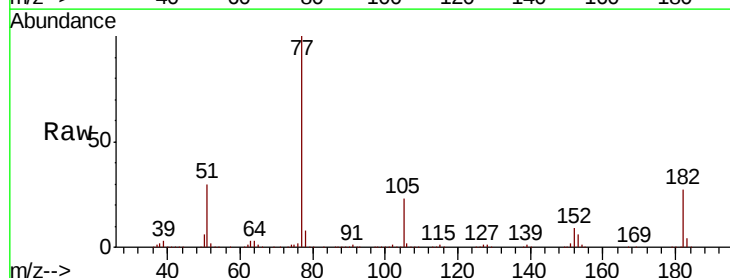
Ion Ratio Lower Upper

77 100

182 27.0 4.3 44.3

105 23.5 1.3 41.3

51 30.2 9.0 49.0

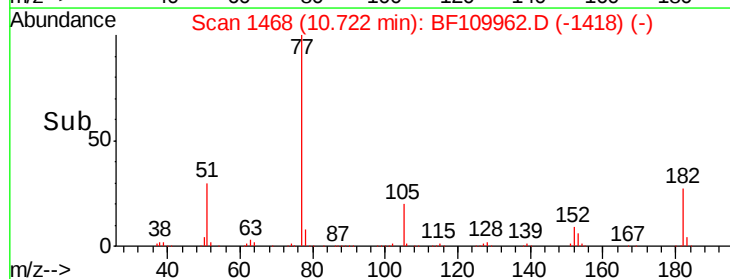
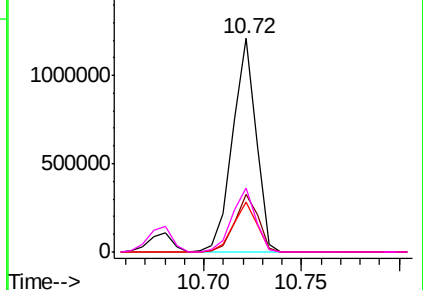


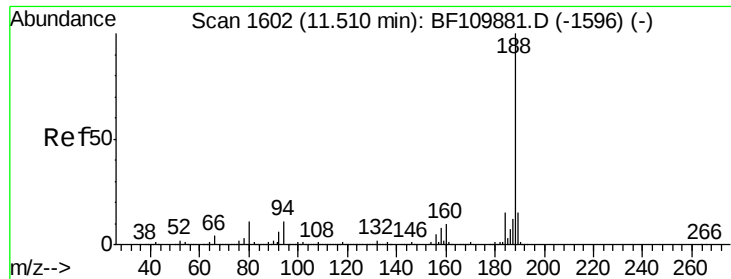
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Instrument :

BNA_F

ClientSampled :

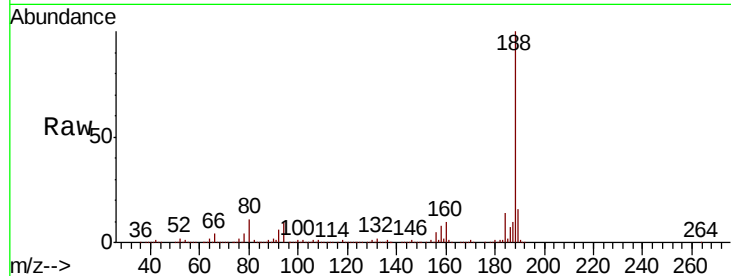
Tot Ion:188 Resp: 720568

Ion Ratio Lower Upper

188 100

94 10.5 7.2 10.8

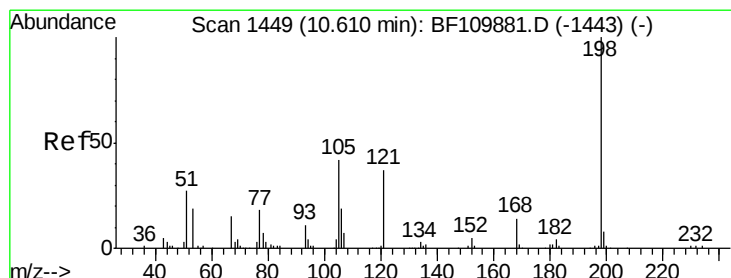
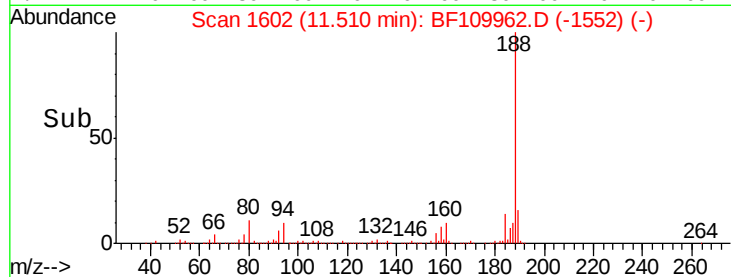
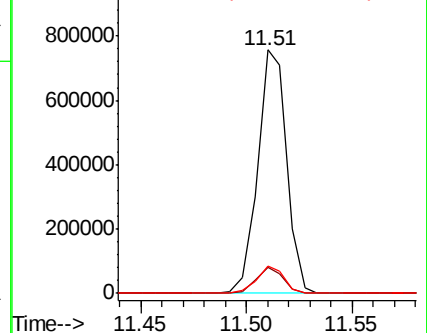
80 11.1 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 41.411 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

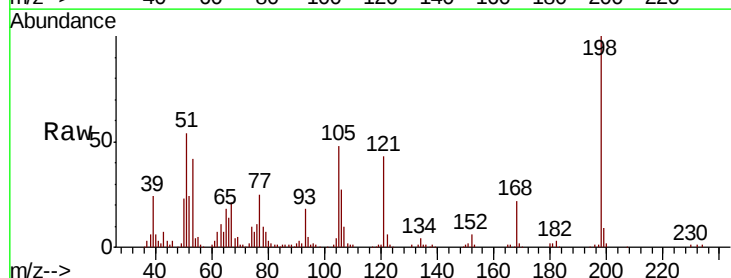
Tgt Ion:198 Resp: 104711

Ion Ratio Lower Upper

198 100

51 54.1 22.8 62.8

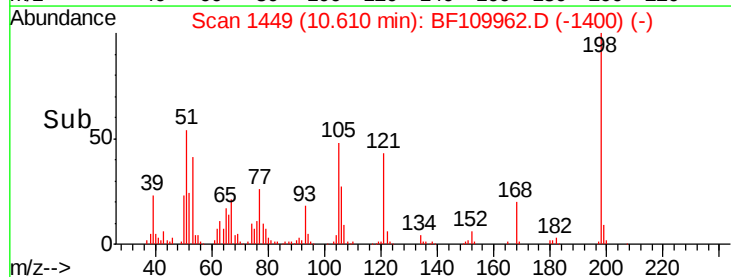
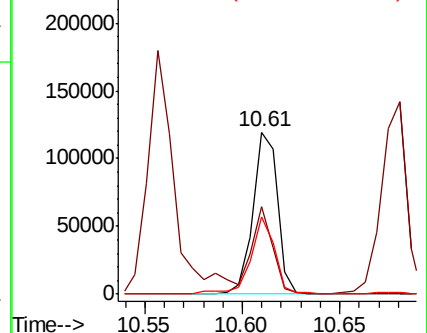
105 47.9 23.6 63.6

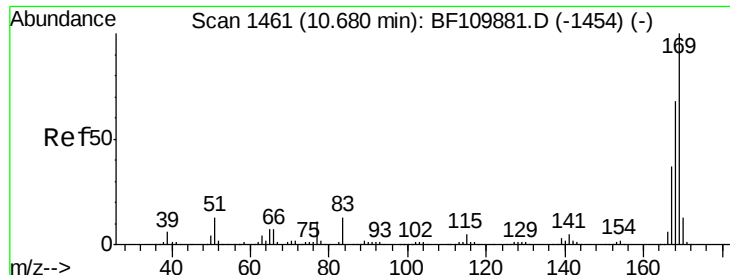


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

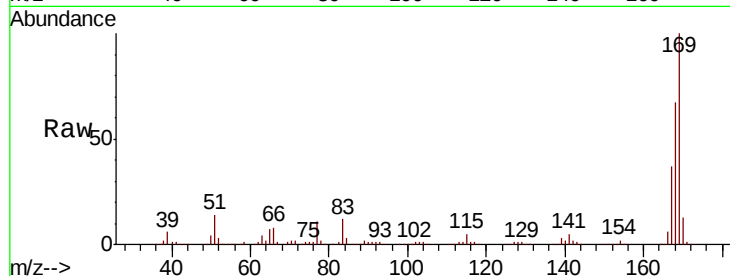




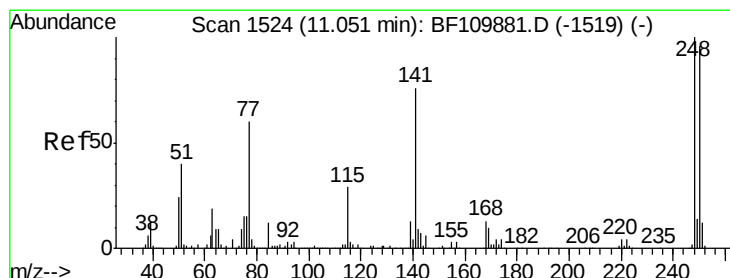
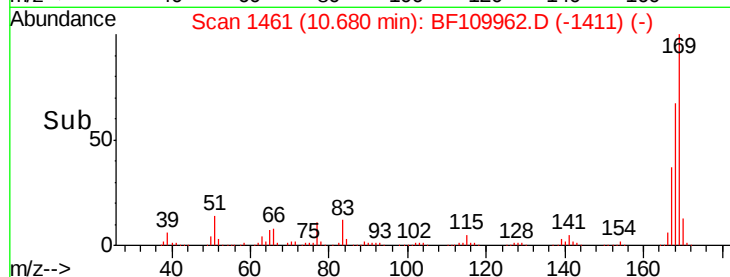
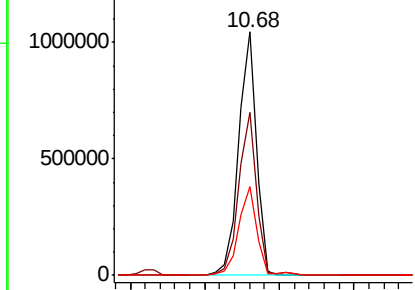
#66
 n-Nitrosodiphenylamine
 Concen: 36.459 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 874998
 Ion Ratio Lower Upper
 169 100
 168 66.9 51.2 76.8
 167 36.5 27.8 41.6

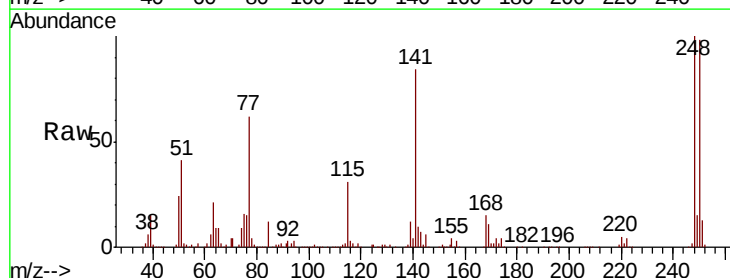


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

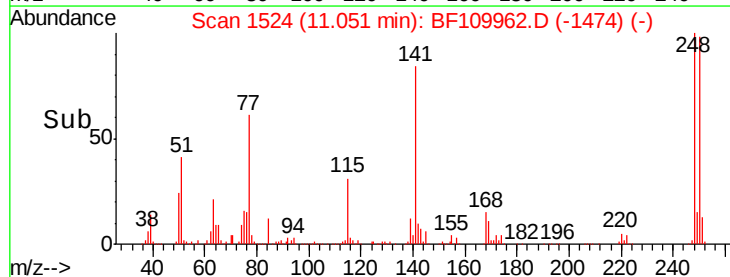
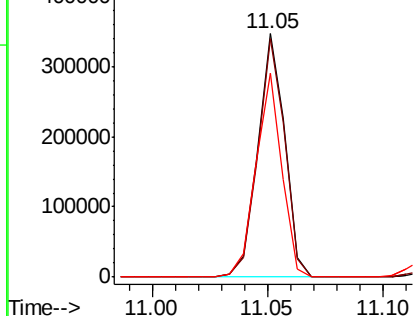


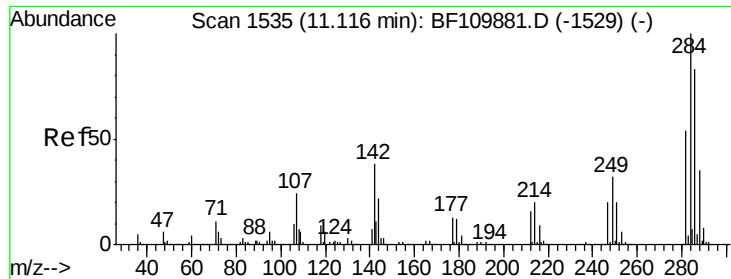
#67
 4-Bromophenyl-phenylether
 Concen: 36.150 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Tgt Ion:248 Resp: 282297
 Ion Ratio Lower Upper
 248 100
 250 97.9 79.4 119.2
 141 83.6 55.9 83.9



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 35.866 ng

RT: 11.12 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Instrument :

BNA_F

ClientSampleId :

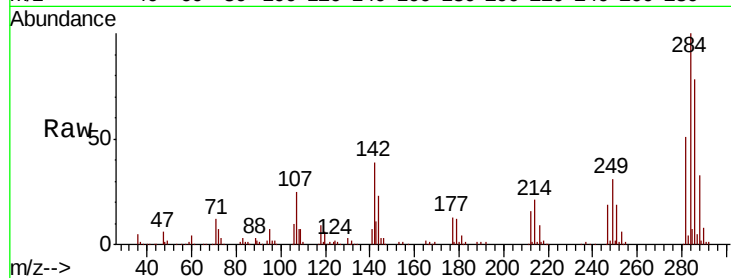
Tot Ion:284 Resp: 298667

Ion Ratio Lower Upper

284 100

142 39.4 23.9 35.9#

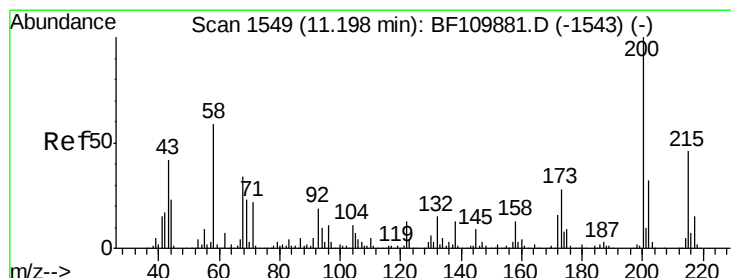
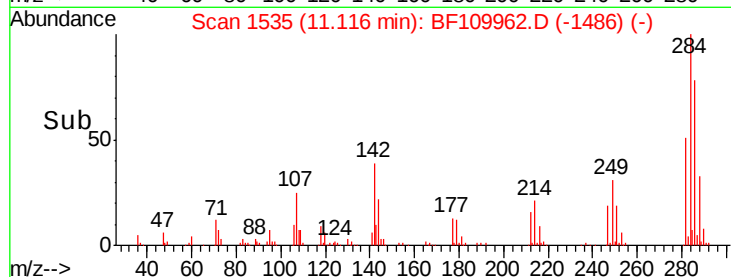
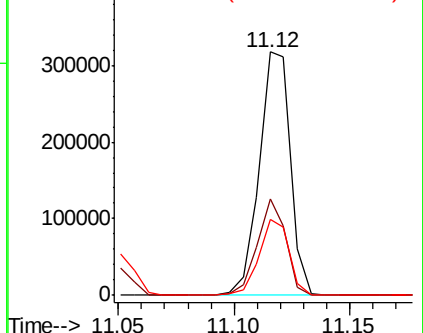
249 31.1 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 38.551 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

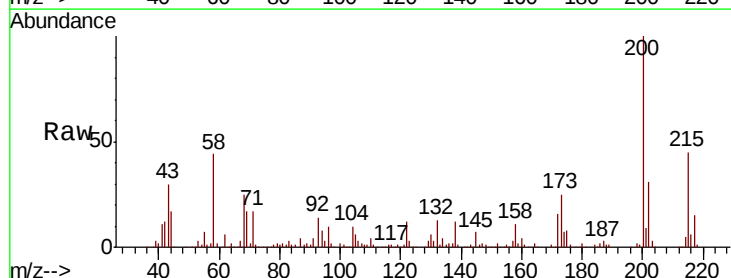
Tgt Ion:200 Resp: 288997

Ion Ratio Lower Upper

200 100

173 25.3 6.6 46.6

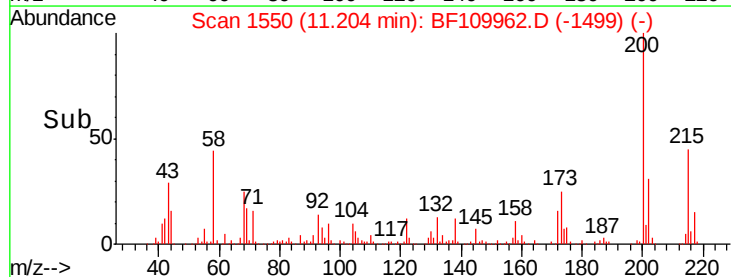
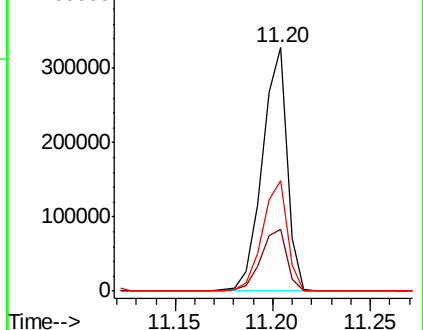
215 45.3 26.3 66.3

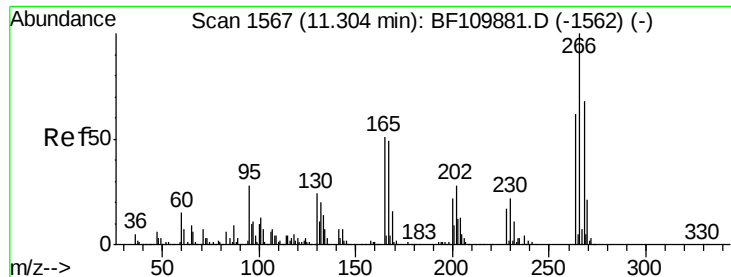


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

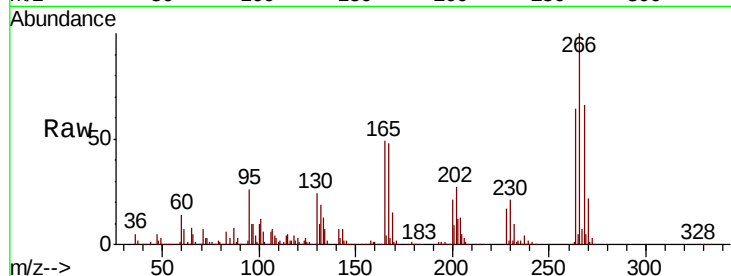




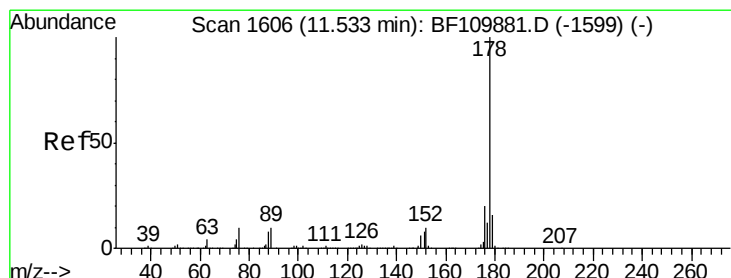
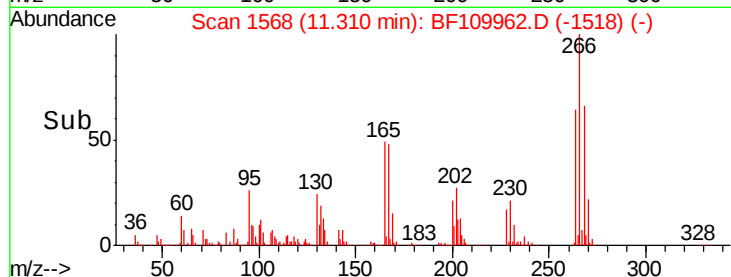
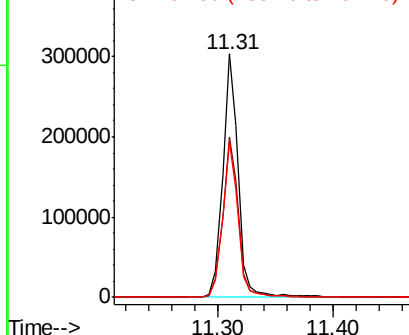
#70
 Pentachlorophenol
 Concen: 59.250 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 280793
 Ion Ratio Lower Upper
 266 100
 268 65.9 50.6 75.8
 264 63.8 50.6 75.8

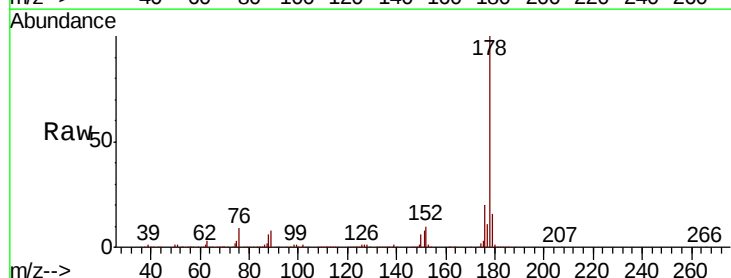


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

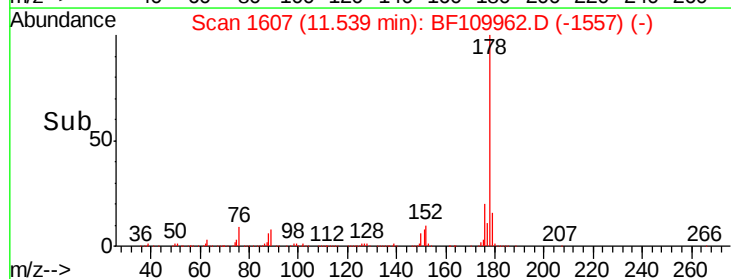
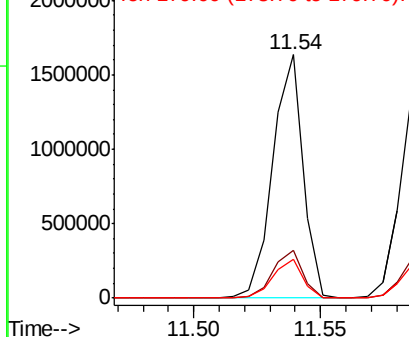


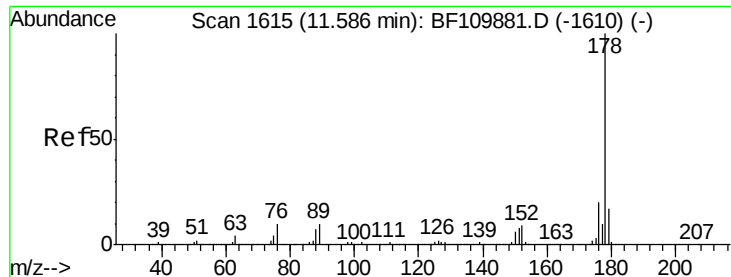
#71
 Phenanthrene
 Concen: 36.966 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Tgt Ion:178 Resp: 1378980
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.5 23.3
 179 15.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 37.948 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Instrument :

BNA_F

ClientSampleId :

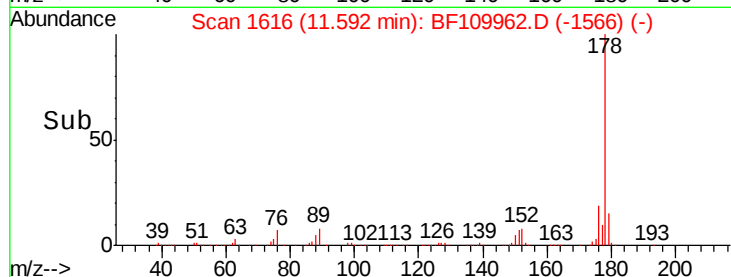
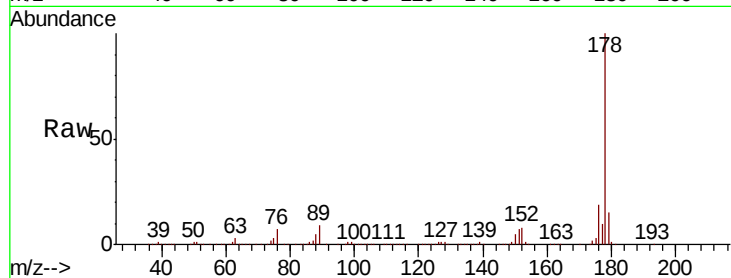
Tot Ion:178 Resp: 1423211

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.2	12.6	18.8

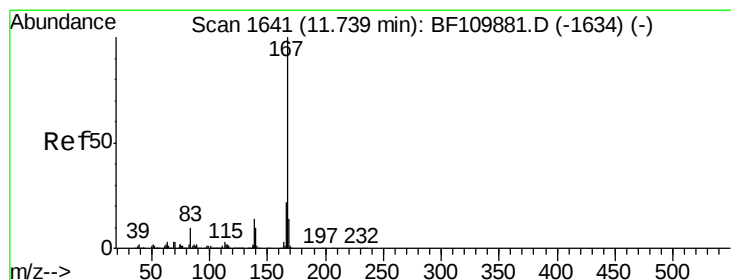
178 100

176 19.0 15.4 23.2

179 15.2 12.6 18.8



Time-->



#73

Carbazole

Concen: 32.442 ng

RT: 11.74 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

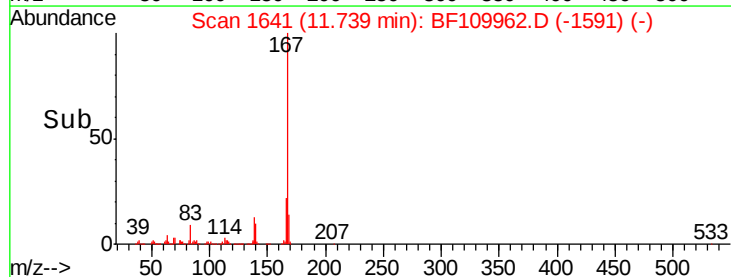
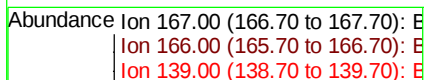
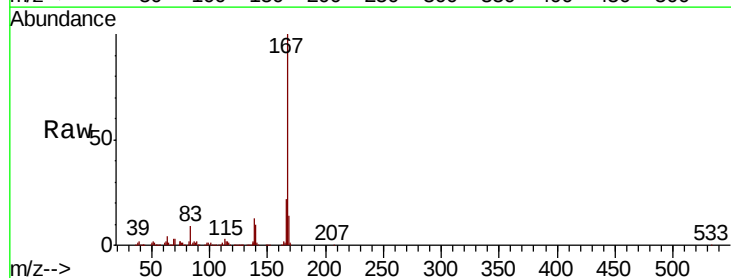
Tgt Ion:167 Resp: 1195783

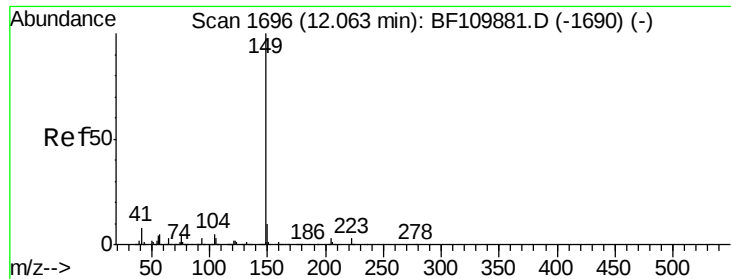
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.3	10.9	16.3

167 100

166 21.7 17.4 26.0

139 13.3 10.9 16.3





#74

Di-n-butylphthalate

Concen: 36.872 ng

RT: 12.06 min Scan# 1696

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

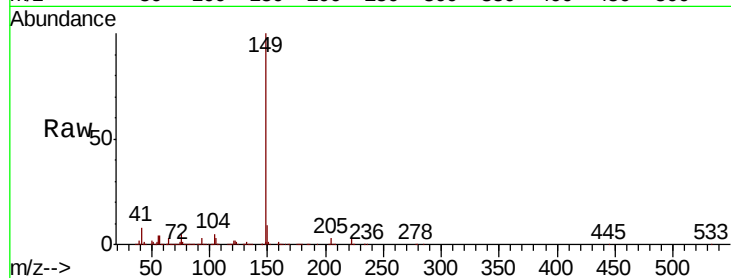
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1516753

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.1	4.2	6.4

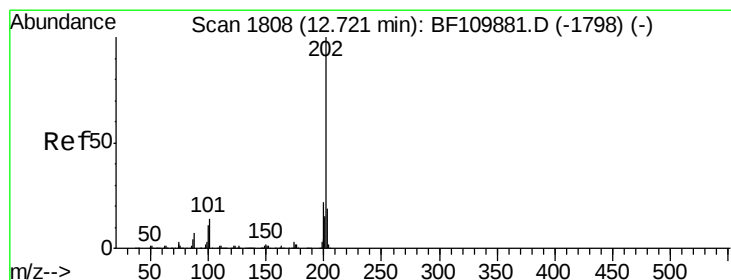
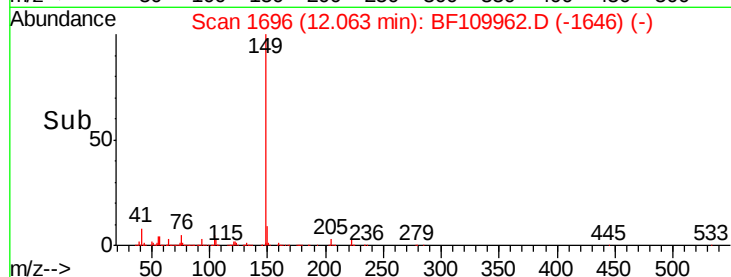
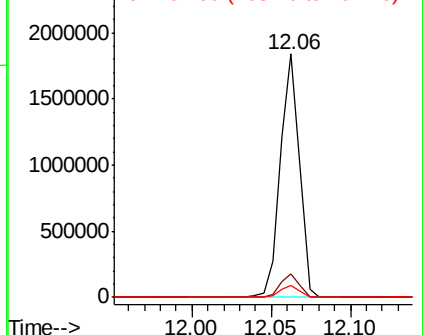


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 33.076 ng

RT: 12.73 min Scan# 1809

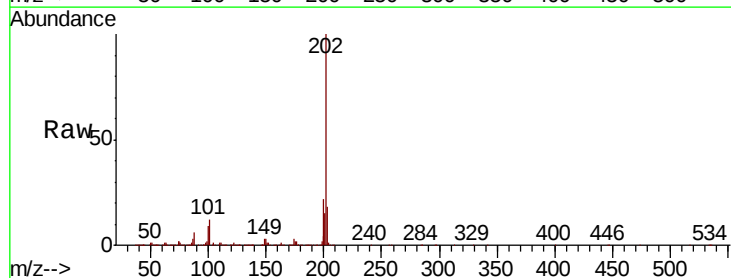
Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Tgt Ion:202 Resp: 1232620

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.4
203	18.0	0.0	37.7

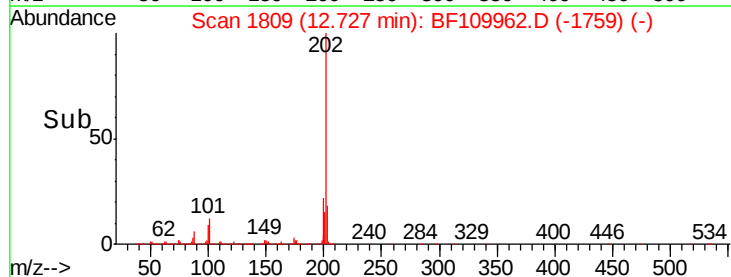
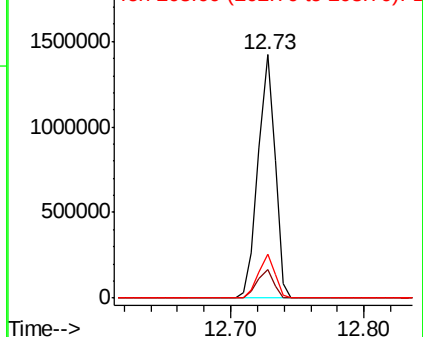


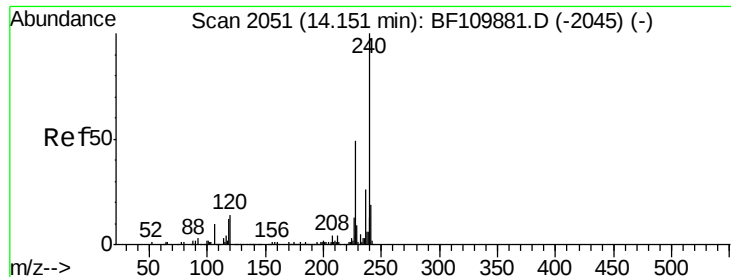
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

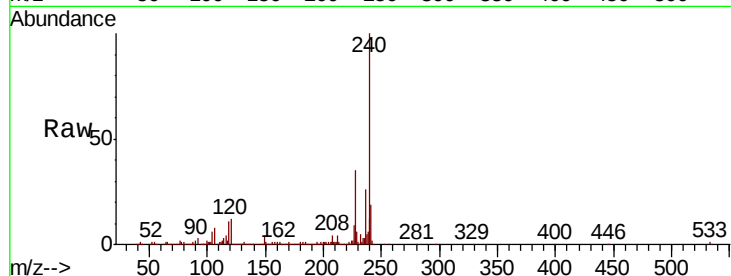
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 421160

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.3	12.5
236	25.5	21.2	31.8

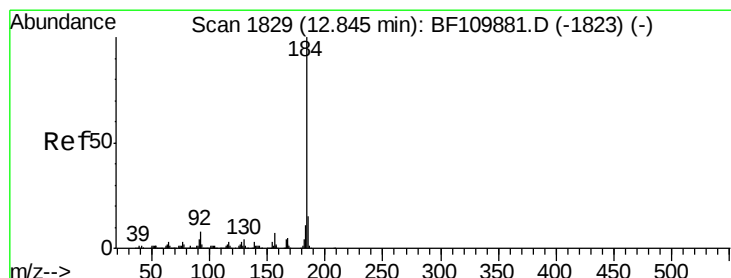
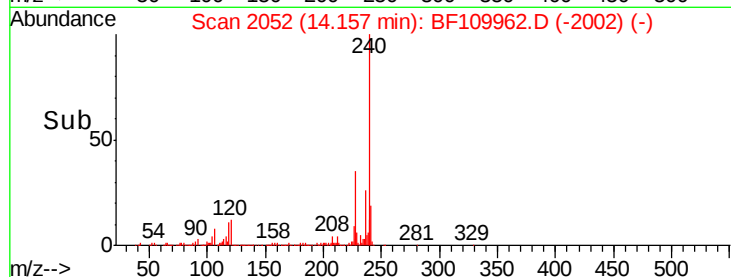
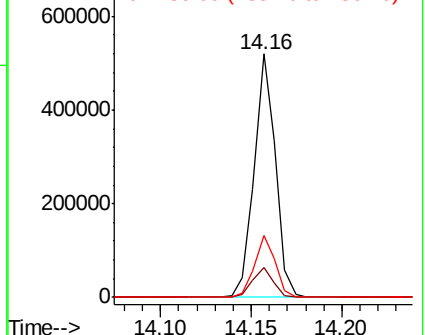


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 43.336 ng

RT: 12.85 min Scan# 1829

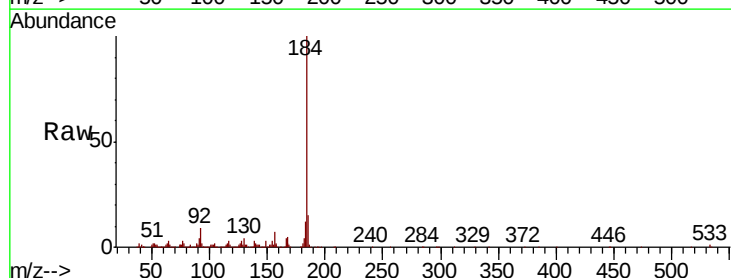
Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Tgt Ion:184 Resp: 699788

Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.4	20.2
183	12.1	9.4	14.2

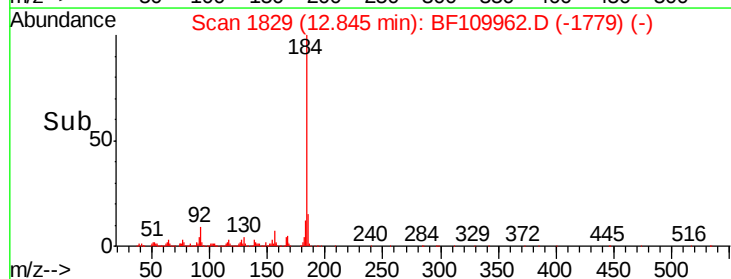
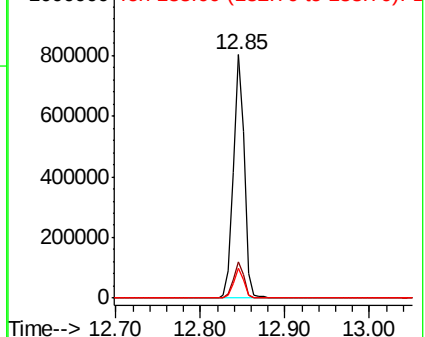


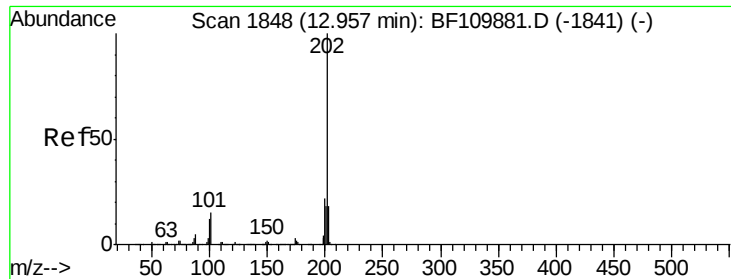
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

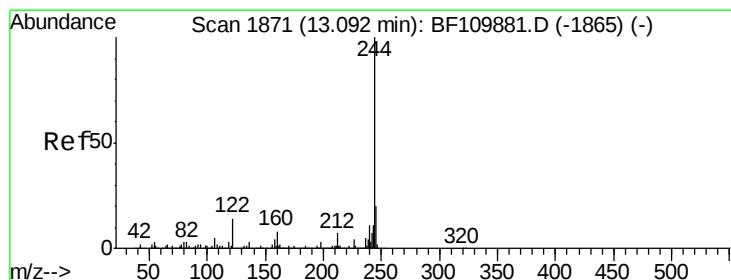
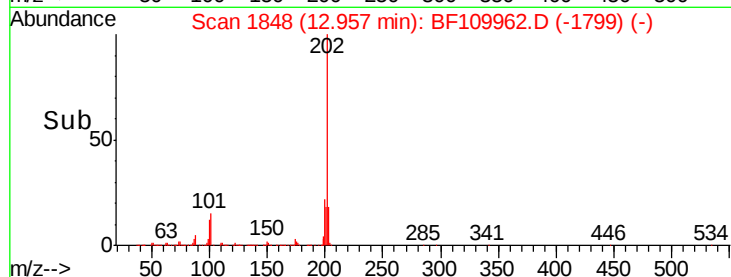
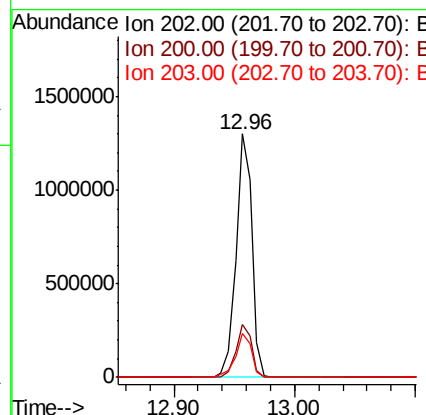
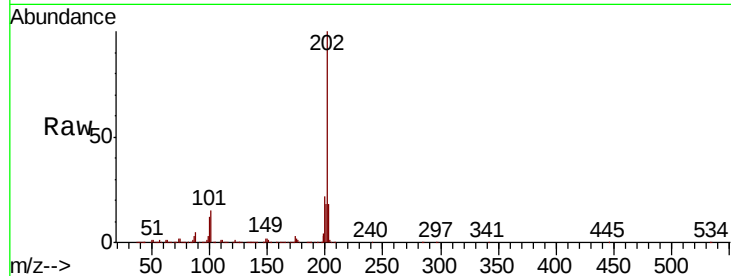




#78
Pvrene
Concen: 38.216 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

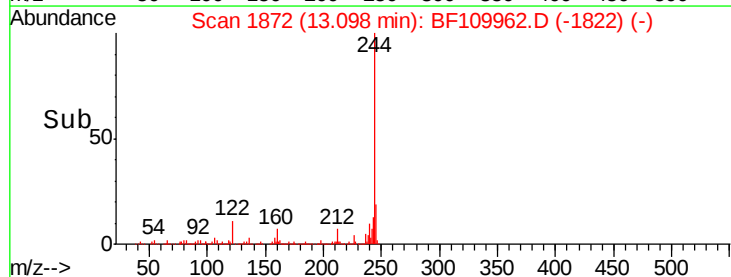
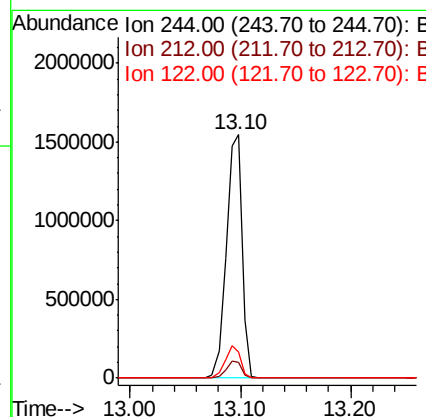
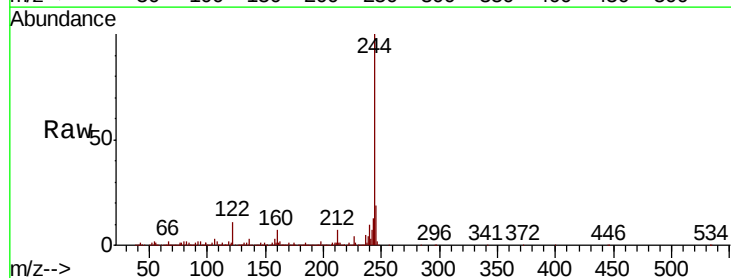
Instrument :
BNA_F
ClientSampleId :

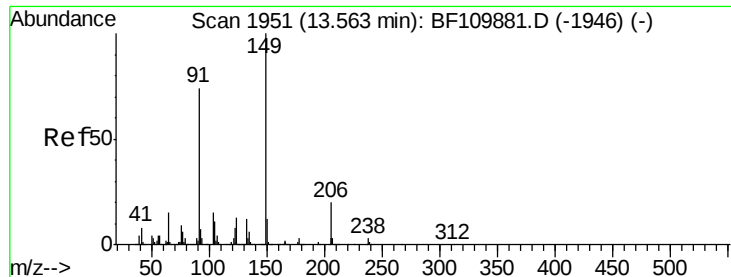
Tot Ion:202 Resp: 1182136
Ion Ratio Lower Upper
202 100
200 21.5 17.8 26.6
203 18.0 14.2 21.4



#79
Terphenyl-d14
Concen: 76.751 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Tgt Ion:244 Resp: 1539318
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.8
122 10.9 8.7 13.1

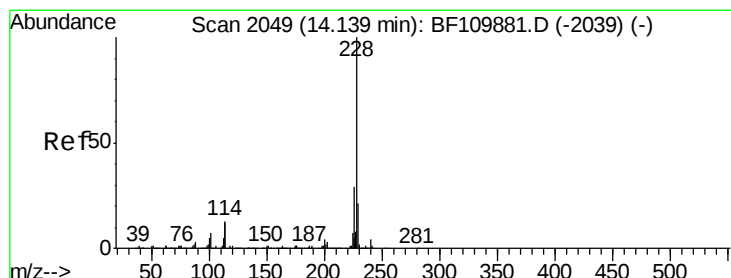
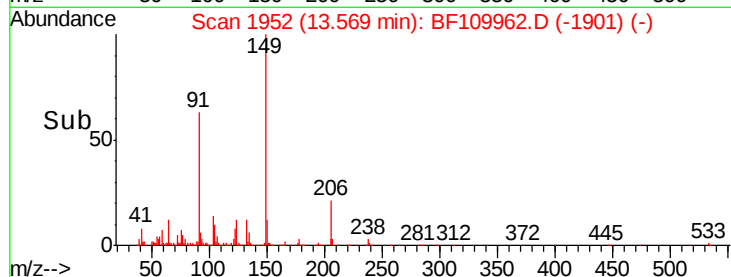
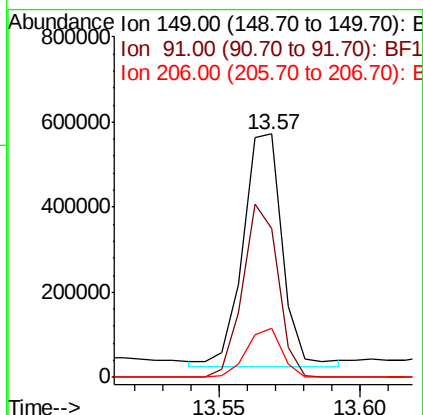
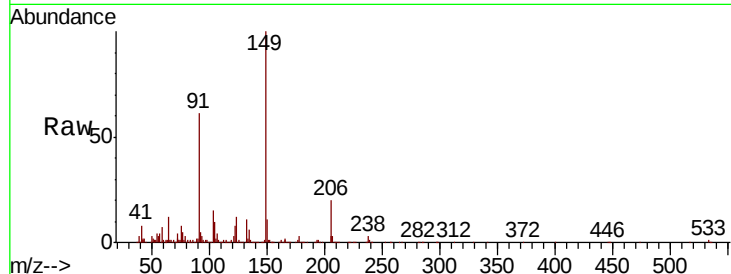




#80
Butylbenzylphthalate
Concen: 42.516 ng
RT: 13.57 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

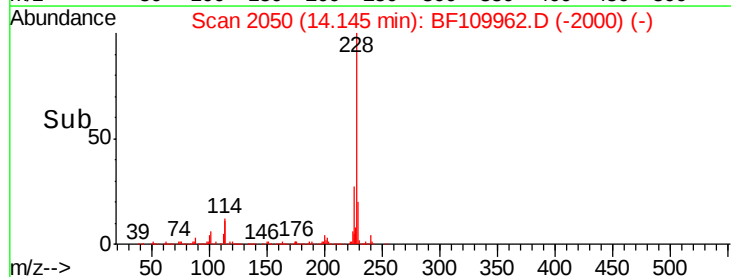
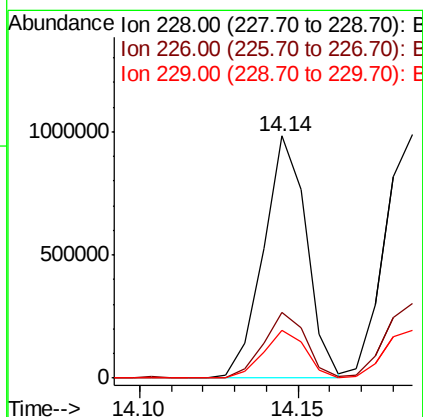
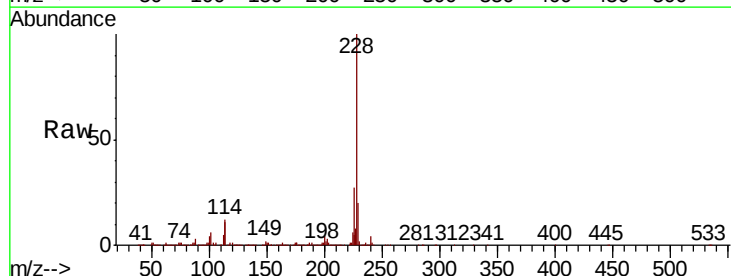
Instrument :
BNA_F
ClientSampleId :

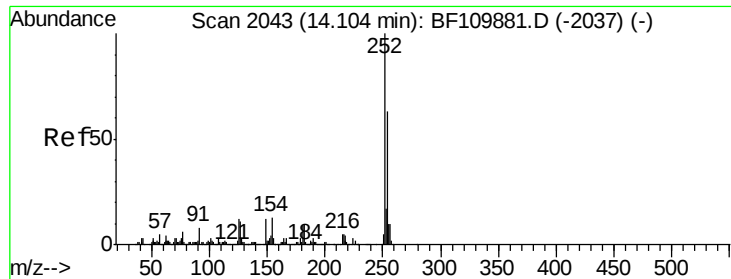
Tot Ion	Ratio	Lower	Upper
149	100		
91	61.4	57.2	85.8
206	20.4	15.7	23.5



#81
Benzo(a)anthracene
Concen: 37.408 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.1	33.1
229	19.9	15.6	23.4

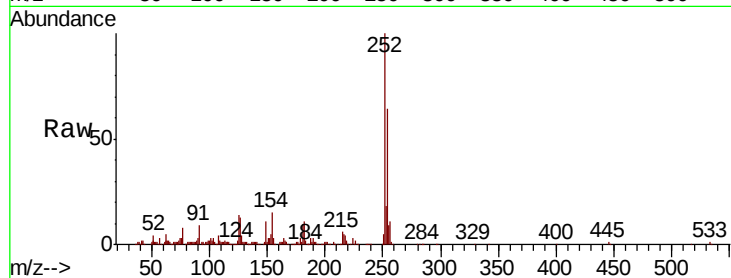




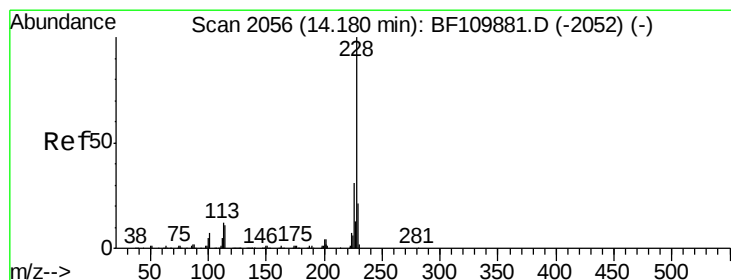
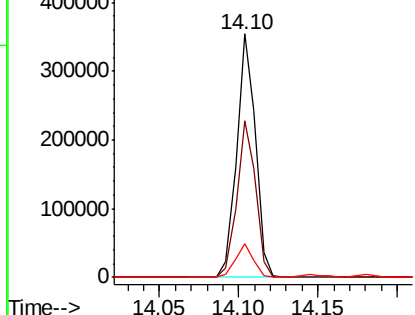
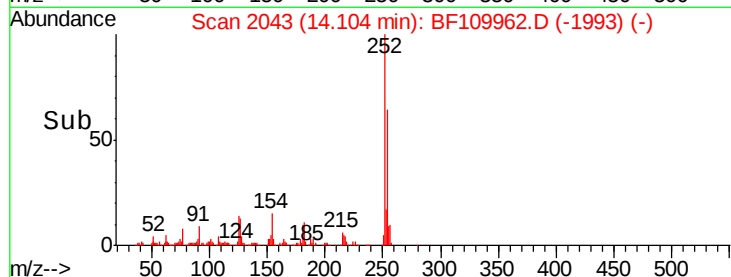
#82
 3,3'-Dichlorobenzidine
 Concen: 33.678 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.3	76.9
126	13.7	9.4	14.2

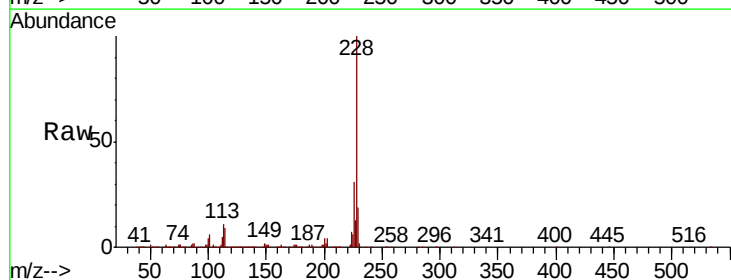


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

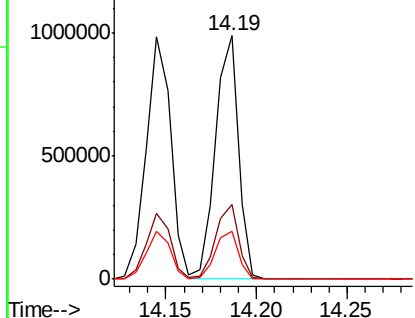
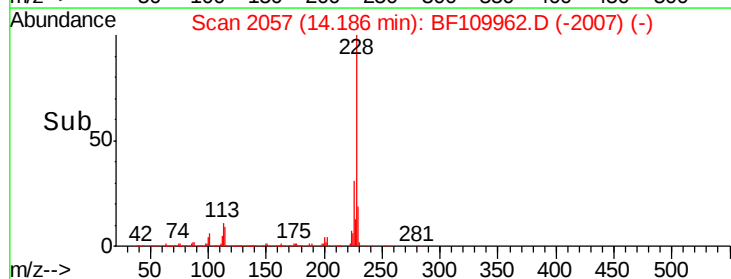


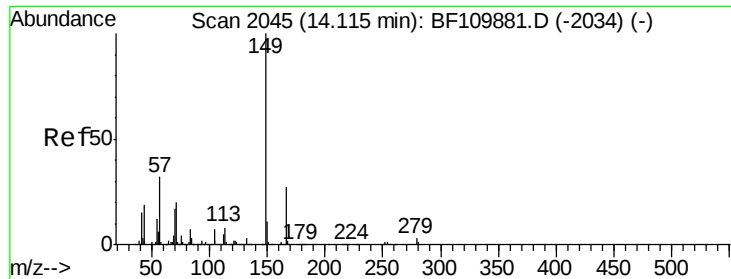
#83
 Chrysene
 Concen: 36.887 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	19.5	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 42.305 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Instrument :

BNA_F

ClientSampleId :

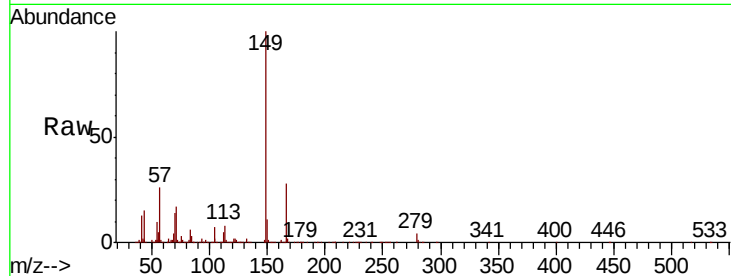
Tot Ion:149 Resp: 696161

Ion Ratio Lower Upper

149 100

167 27.6 19.8 29.8

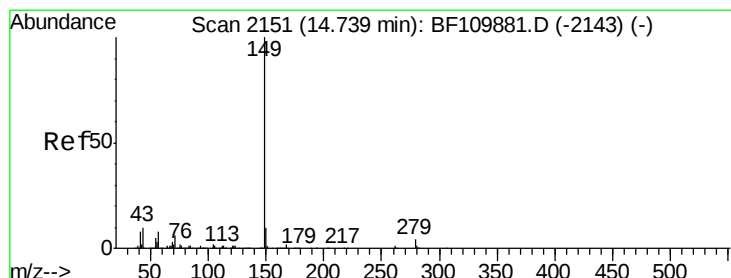
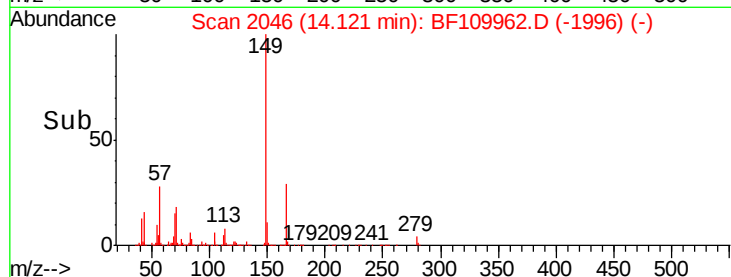
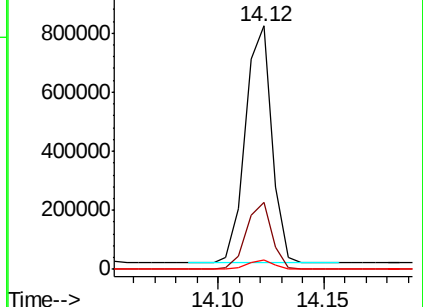
279 4.1 2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 50.438 ng

RT: 14.74 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

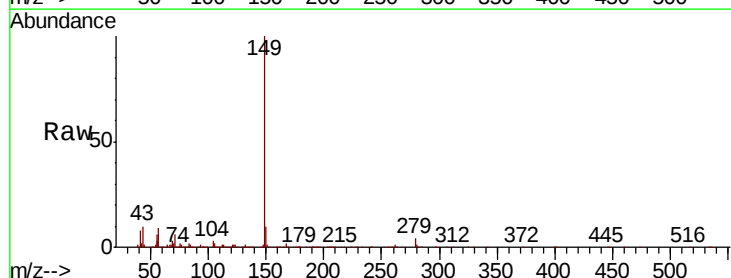
Tgt Ion:149 Resp: 1170160

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

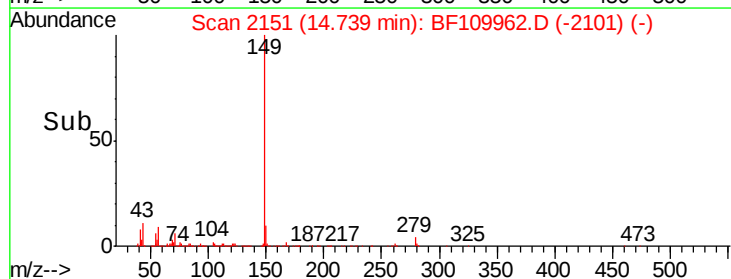
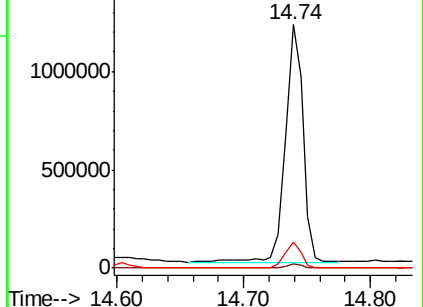
43 9.7 7.8 11.8

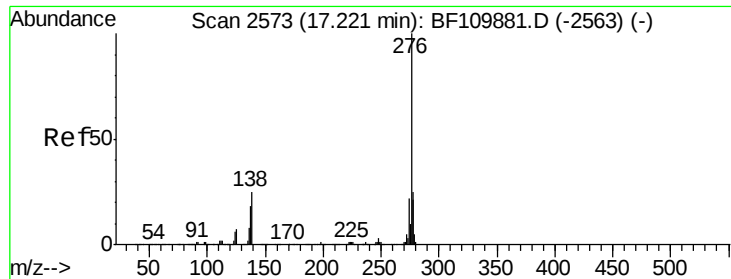


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#86

Indeno(1,2,3-cd)pyrene

Concen: 53.900 ng

RT: 17.25 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

Instrument :

BNA_F

ClientSampleId :

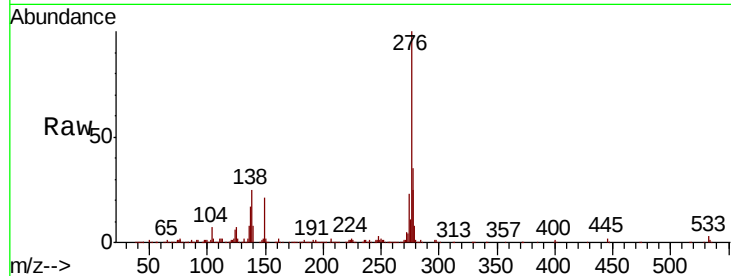
Tot Ion:276 Resp: 1024745

Ion Ratio Lower Upper

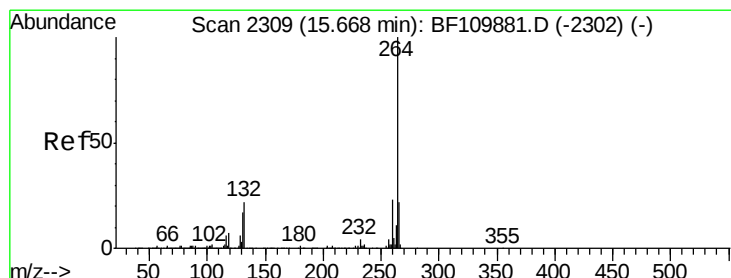
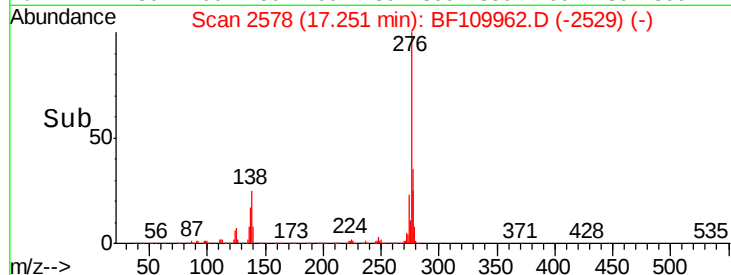
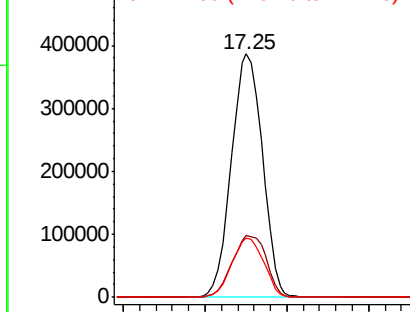
276 100

138 27.8 18.5 27.7#

277 25.0 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF109962.D

Acq: 18 Oct 2018 15:37

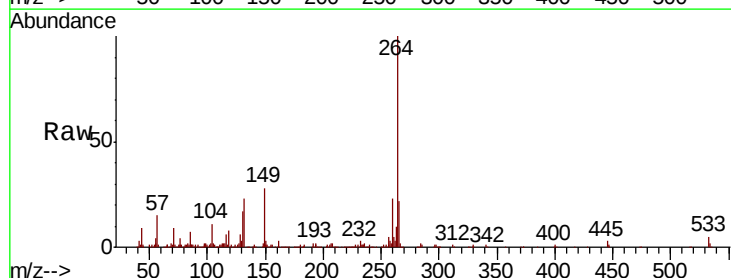
Tgt Ion:264 Resp: 436020

Ion Ratio Lower Upper

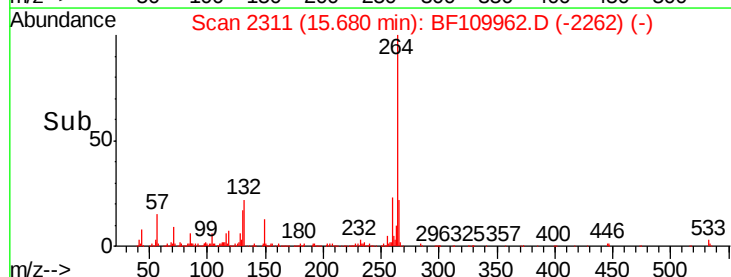
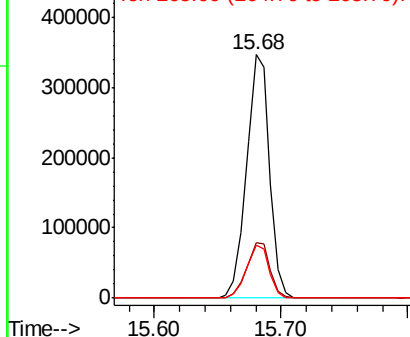
264 100

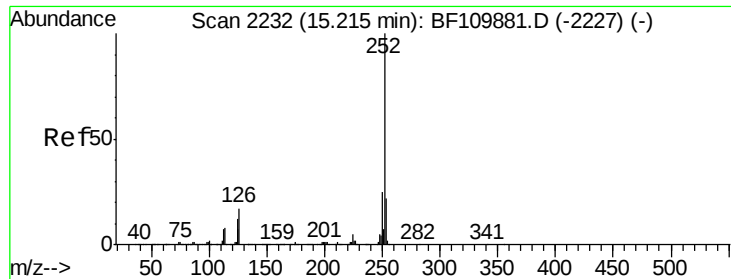
260 22.5 18.7 28.1

265 21.7 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

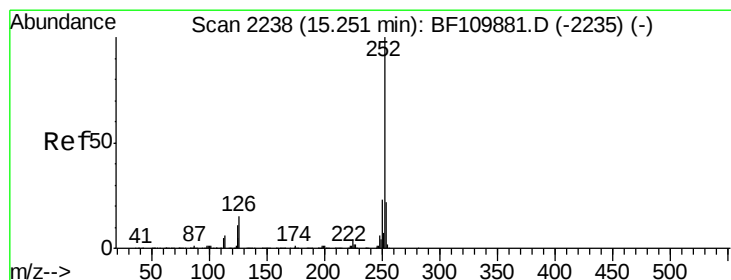
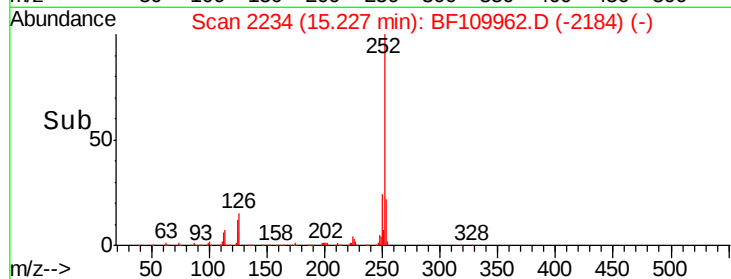
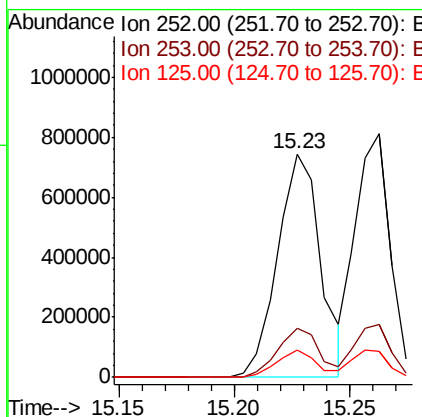
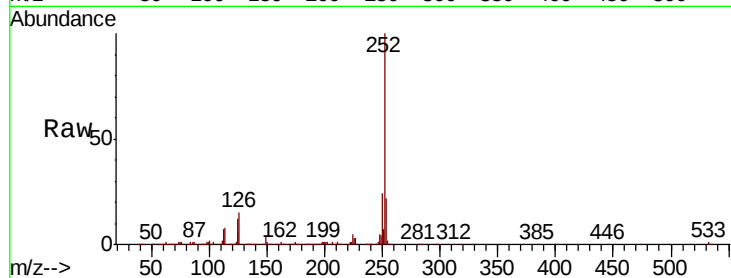




#88
Benzo(b)fluoranthene
Concen: 38.278 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

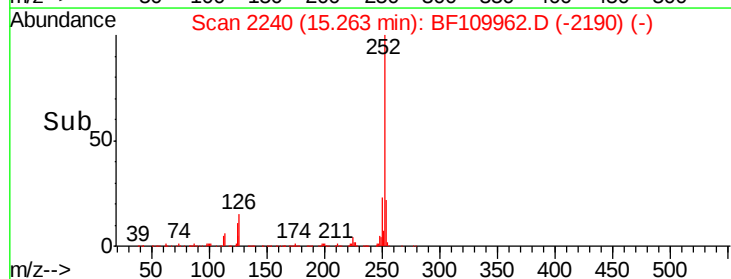
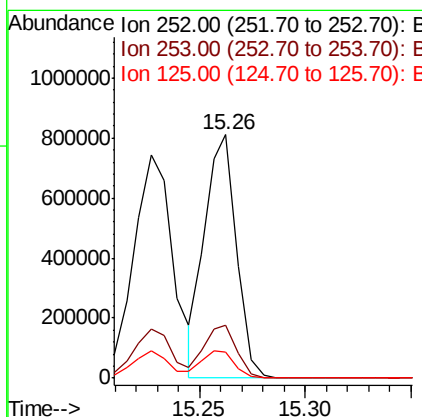
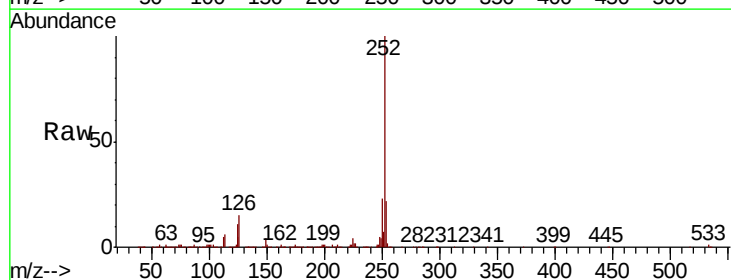
Instrument :
BNA_F
ClientSampled :

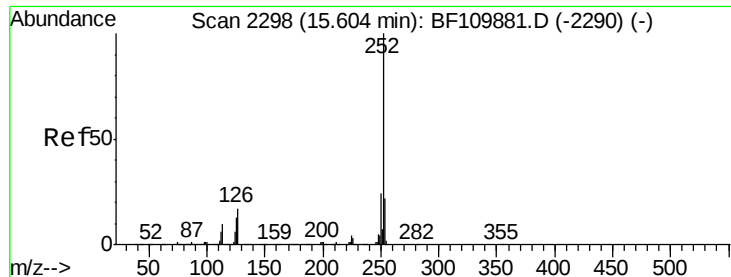
Tot Ion:252 Resp: 962215
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 12.0 8.2 12.4



#89
Benzo(k)fluoranthene
Concen: 34.162 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Tgt Ion:252 Resp: 846427
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.6 7.4 11.0

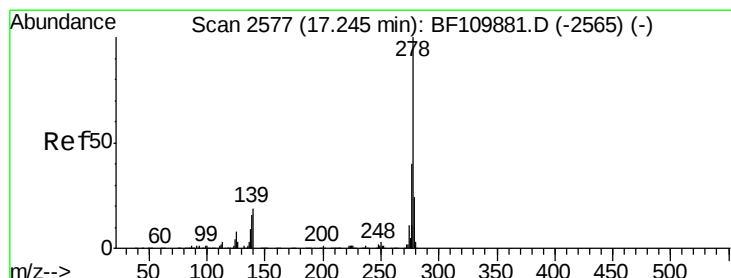
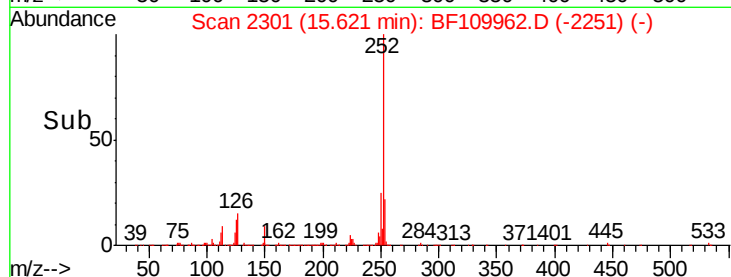
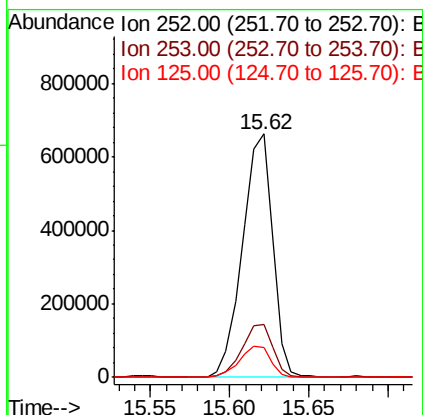
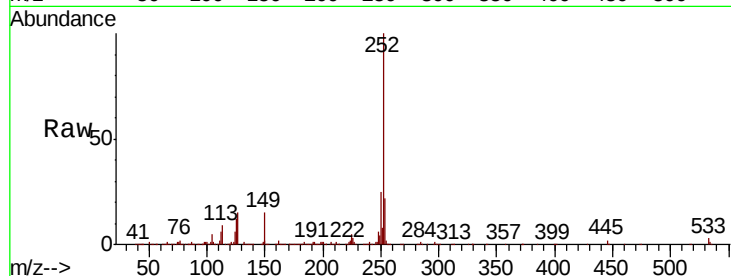




#90
Benzo(a)pyrene
Concen: 37.880 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

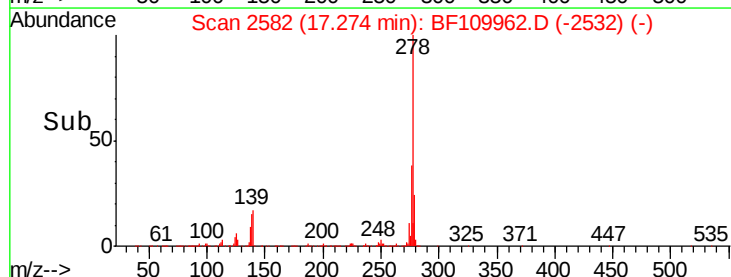
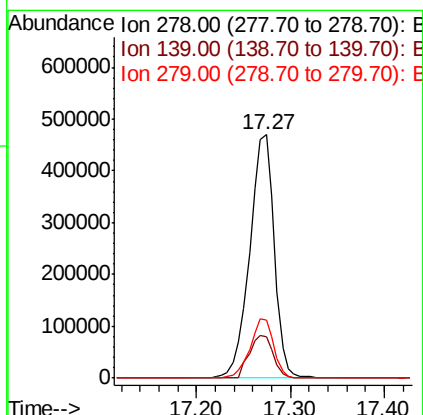
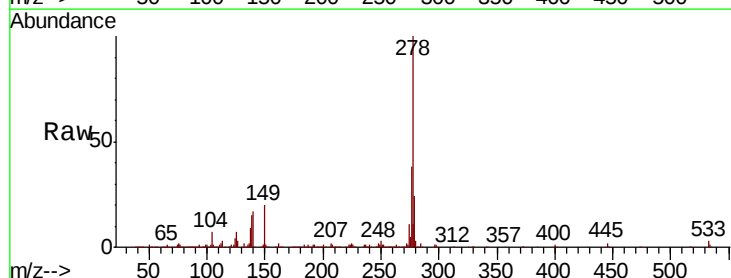
Instrument :
BNA_F
ClientSampleId :

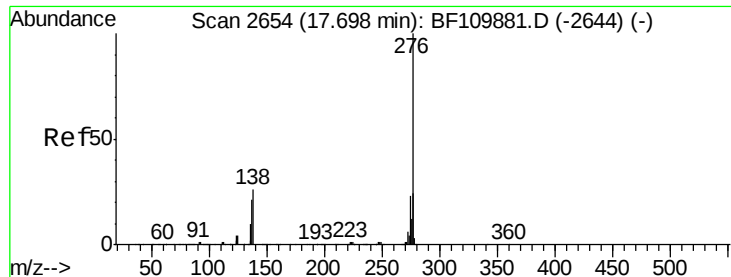
Tot Ion:252 Resp: 875761
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 12.2 9.0 13.6



#91
Dibenzo(a,h)anthracene
Concen: 41.553 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF109962.D
Acq: 18 Oct 2018 15:37

Tgt Ion:278 Resp: 851370
Ion Ratio Lower Upper
278 100
139 17.2 12.7 19.1
279 24.0 19.0 28.4





#92
 Benzo(a,h,i)perylene
 Concen: 40.260 ng
 RT: 17.73 min Scan# 2660
 Delta R.T. -0.01 min
 Lab File: BF109962.D
 Acq: 18 Oct 2018 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	22.3	16.0	24.0

