

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110163.D
 Acq On : 25 Oct 2018 16:27
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 02:27:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	148292	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	627701	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	301561	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	560544	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	386589	20.00	ng	-0.01
87) Perylene-d12	15.67	264	279506	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	712339	78.22	ng	-0.01
7) Phenol-d6	6.59	99	894950	76.84	ng	-0.01
23) Nitrobenzene-d5	7.53	82	840896	79.46	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	230678	77.22	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1495134	77.85	ng	-0.01
79) Terphenyl-d14	13.09	244	1496290	80.50	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	181466	38.035	ng	91
3) Pyridine	3.60	79	415333	39.084	ng	86
4) n-Nitrosodimethylamine	3.56	42	173667	39.008	ng	# 93
6) Aniline	6.63	93	593873	39.140	ng	# 54
8) 2-Chlorophenol	6.75	128	414492	39.480	ng	97
9) Benzaldehyde	6.52	77	260376	37.924	ng	96
10) Phenol	6.60	94	485284	38.977	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	394902	38.552	ng	96
12) 1,3-Dichlorobenzene	6.91	146	449182	38.877	ng	97
13) 1,4-Dichlorobenzene	6.99	146	458279	39.219	ng	98
14) 1,2-Dichlorobenzene	7.14	146	424136	39.100	ng	99
15) Benzyl Alcohol	7.10	79	362251	40.437	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	640242	39.092	ng	68
17) 2-Methylphenol	7.21	107	328973	39.317	ng	# 82
18) Hexachloroethane	7.48	117	169064	39.518	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	288193	38.567	ng	97
20) 3+4-Methylphenols	7.36	107	423380	39.146	ng	90
22) Acetophenone	7.38	105	551791	38.150	ng	# 97
24) Nitrobenzene	7.55	77	434877	39.802	ng	97
25) Isophorone	7.79	82	689564	38.225	ng	97
26) 2-Nitrophenol	7.87	139	220130	42.338	ng	90
27) 2,4-Dimethylphenol	7.89	122	335746	38.949	ng	100
28) bis(2-Chloroethoxy)methane	7.99	93	470937	38.428	ng	99
29) 2,4-Dichlorophenol	8.10	162	340889	39.143	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	385954	39.565	ng	94
31) Naphthalene	8.27	128	1121673	38.772	ng	99
32) Benzoic acid	8.02	122	207528	31.149	ng	89
33) 4-Chloroaniline	8.32	127	495987	38.094	ng	98
34) Hexachlorobutadiene	8.39	225	214809	39.659	ng	99
35) Caprolactam	8.70	113	115470	38.041	ng	90
36) 4-Chloro-3-methylphenol	8.80	107	363252	38.572	ng	94
37) 2-Methylnaphthalene	8.96	142	732793	38.284	ng	99
38) 1-Methylnaphthalene	9.06	142	704630	38.094	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	359394	38.250	ng	99

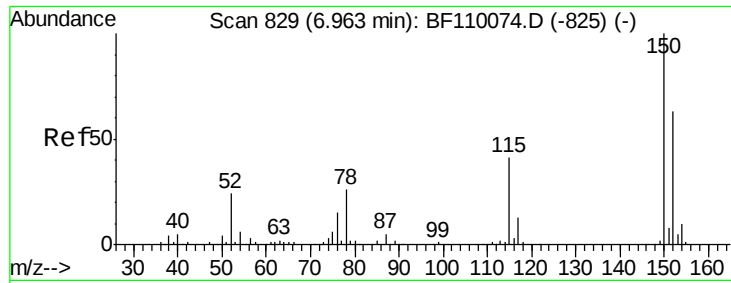
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110163.D
 Acq On : 25 Oct 2018 16:27
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 02:27:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	186700	38.859	nq	100
43) 2,4,6-Trichlorophenol	9.24	196	236861	39.084	nq	97
44) 2,4,5-Trichlorophenol	9.28	196	246223	38.436	nq	97
46) 1,1'-Biphenyl	9.43	154	1038456	38.081	nq	99
47) 2-Chloronaphthalene	9.46	162	769578	38.472	nq	99
48) 2-Nitroaniline	9.55	65	238899	39.411	nq	98
49) Acenaphthylene	9.87	152	1094566	37.885	nq	98
50) Dimethylphthalate	9.73	163	840954	37.778	nq	99
51) 2,6-Dinitrotoluene	9.79	165	193733	40.403	nq	97
52) Acenaphthene	10.05	154	736179	38.516	nq	98
53) 3-Nitroaniline	9.97	138	221408	38.829	nq	90
54) 2,4-Dinitrophenol	10.07	184	69210	39.191	nq	91
55) Dibenzofuran	10.22	168	1008338	37.680	nq	95
56) 4-Nitrophenol	10.12	139	167520	39.694	nq	96
57) 2,4-Dinitrotoluene	10.20	165	249048	40.891	nq	89
58) Fluorene	10.56	166	743068	37.309	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	201406	38.573	nq	95
60) Diethylphthalate	10.43	149	827408	38.077	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	397504	37.834	nq	99
62) 4-Nitroaniline	10.58	138	220944	38.958	nq	94
63) Azobenzene	10.71	77	810540	37.578	nq	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	102233	39.920	nq	96
66) n-Nitrosodiphenylamine	10.67	169	714661	38.870	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	236491	38.895	nq	97
68) Hexachlorobenzene	11.11	284	249852	38.729	nq	# 90
69) Atrazine	11.19	200	223188	38.412	nq	99
70) Pentachlorophenol	11.30	266	156424	41.582	nq	98
71) Phenanthrene	11.53	178	1105854	37.703	nq	99
72) Anthracene	11.58	178	1128788	38.396	nq	100
73) Carbazole	11.73	167	1092657	38.065	nq	100
74) Di-n-butylphthalate	12.05	149	1247733	38.487	nq	100
75) Fluoranthene	12.72	202	1104017	37.089	nq	100
77) Benzidine	12.84	184	504919	48.046	nq	98
78) Pyrene	12.95	202	1125804	40.621	nq	99
80) Butylbenzylphthalate	13.56	149	480164	39.915	nq	99
81) Benzo(a)anthracene	14.14	228	881356	38.444	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	303406	38.006	nq	99
83) Chrysene	14.18	228	815960	37.473	nq	100
84) Bis(2-ethylhexyl)phthalate	14.11	149	610036	37.514	nq	96
85) Di-n-octyl phthalate	14.73	149	898811	35.547	nq	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	644152	35.659	nq	96
88) Benzo(b)fluoranthene	15.22	252	627425	38.873	nq	99
89) Benzo(k)fluoranthene	15.25	252	643373	40.546	nq	# 97
90) Benzo(a)pyrene	15.61	252	583040	39.257	nq	97
91) Dibenzo(a,h)anthracene	17.26	278	535264	41.769	nq	99
92) Benzo(g,h,i)perylene	17.72	276	538208	42.620	nq	97

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

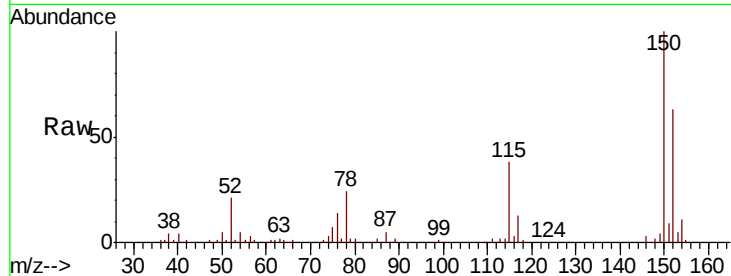


#1

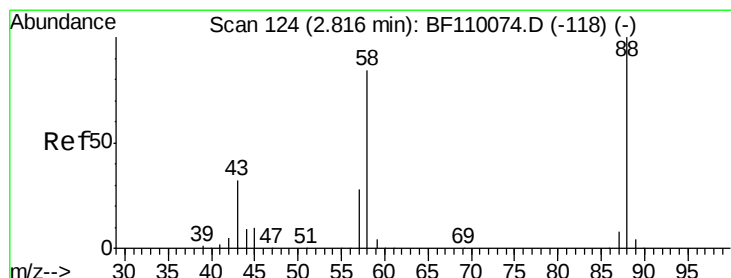
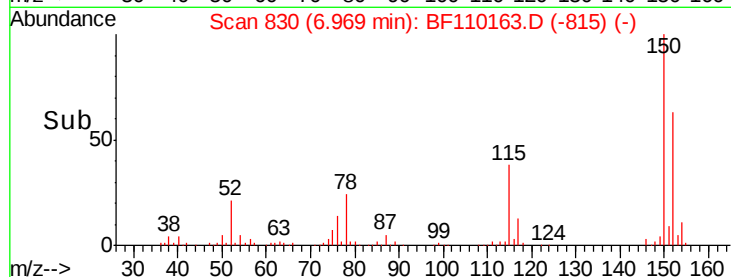
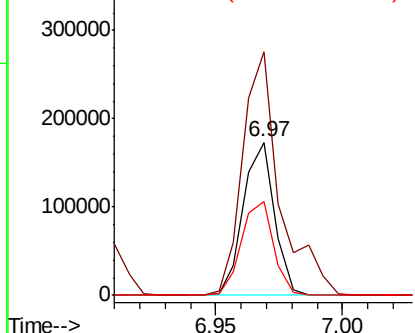
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	122.7	184.1
115	61.0	49.1	73.7



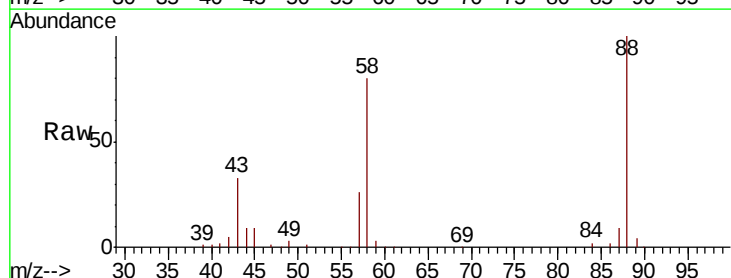
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



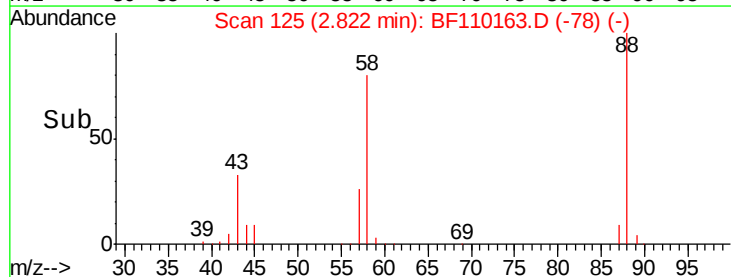
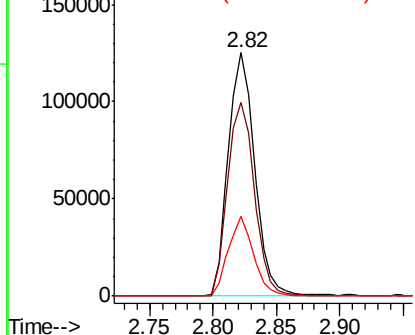
#2

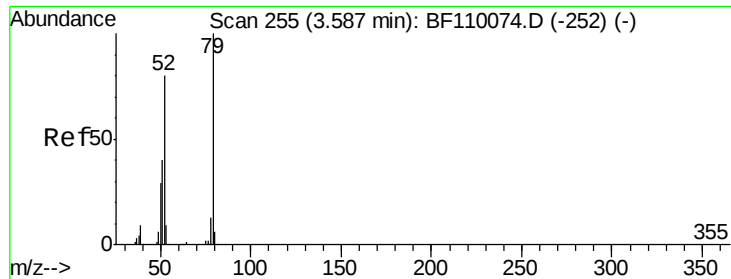
1,4-Dioxane
 Concen: 38.035 ng
 RT: 2.82 min Scan# 125
 Delta R.T. -0.02 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.7	57.1	85.7
43	31.3	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: 39.084 ng

RT: 3.60 min Scan# 257

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

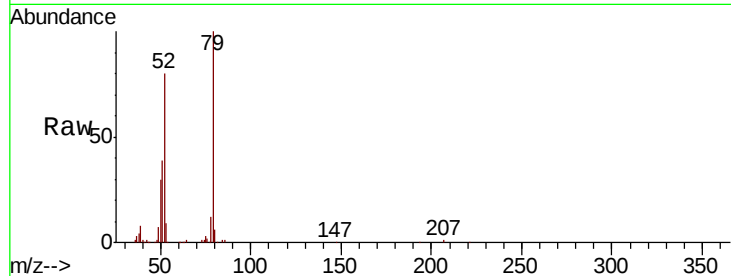
Tot Ion: 79 Resp: 415333

Ion Ratio Lower Upper

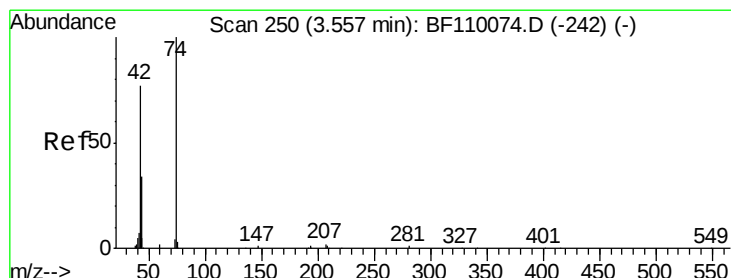
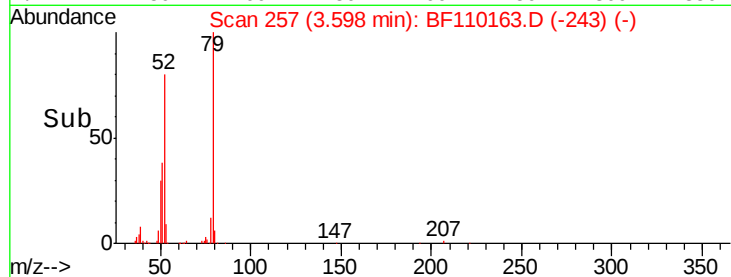
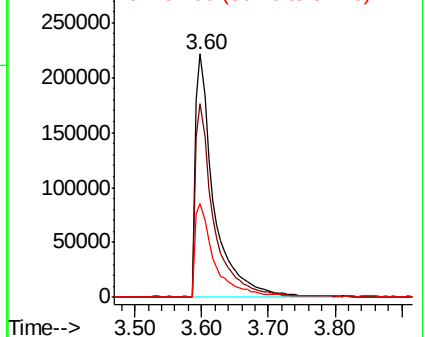
79 100

52 79.6 53.1 79.7

51 38.6 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: 39.008 ng

RT: 3.56 min Scan# 251

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

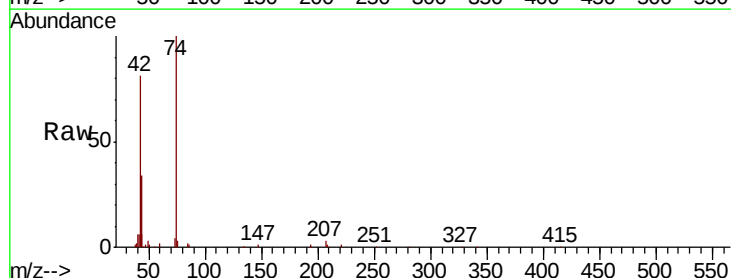
Tgt Ion: 42 Resp: 173667

Ion Ratio Lower Upper

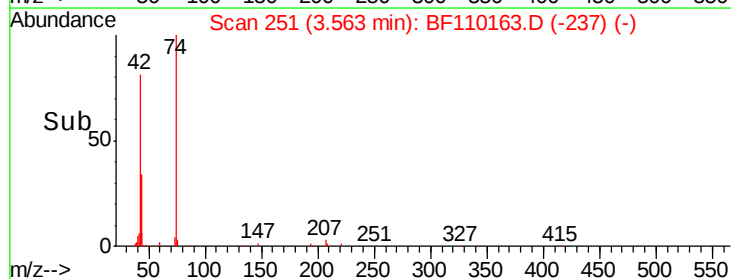
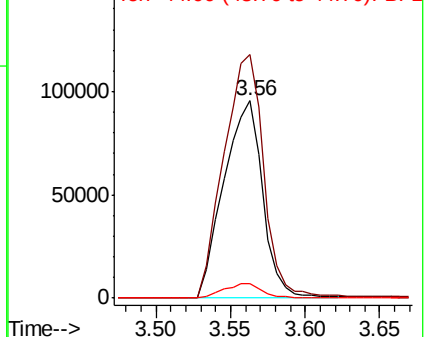
42 100

74 123.3 105.5 158.3

44 7.4 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: 78.225 ng

RT: 5.59 min Scan# 595

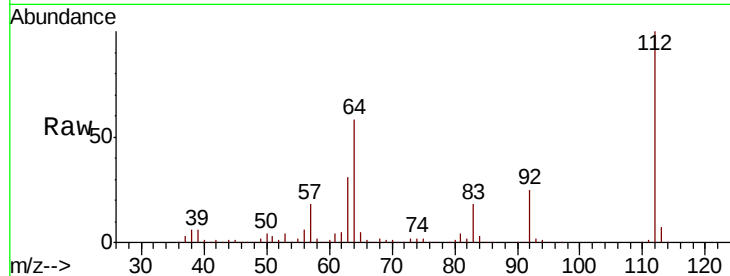
Delta R.T. -0.01 min

Lab File: BF110163.D

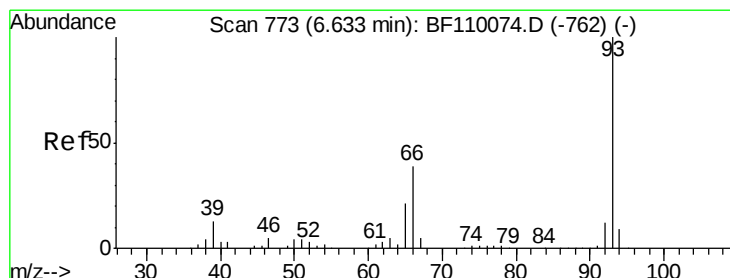
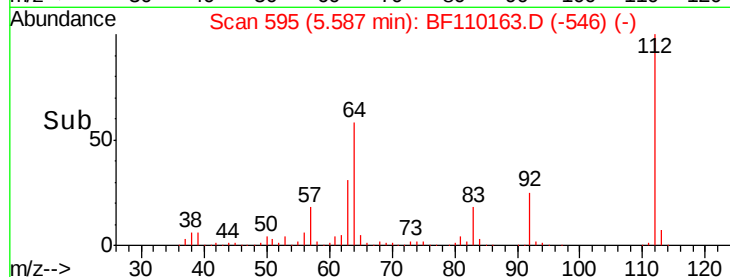
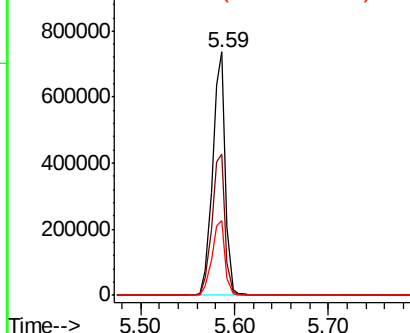
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	712339
Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.1	66.1
63	30.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.140 ng

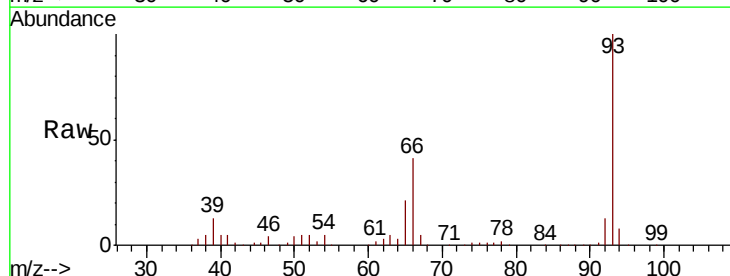
RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

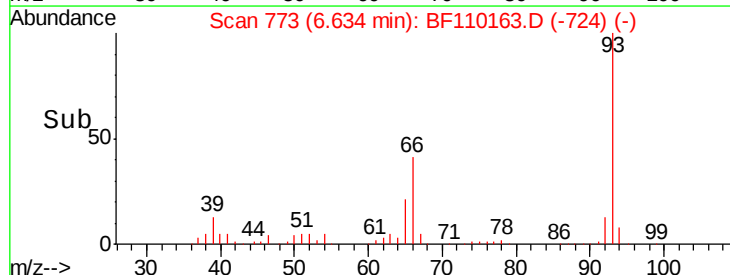
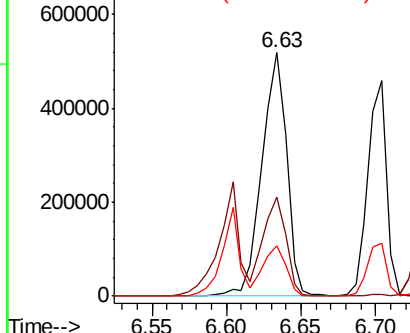
Lab File: BF110163.D

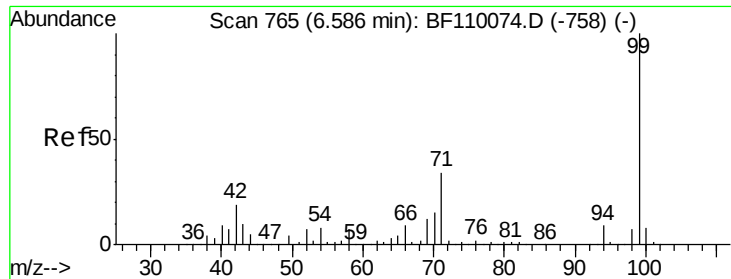
Acq: 25 Oct 2018 16:27

Tgt Ion:	93	Resp:	593873
Ion	Ratio	Lower	Upper
93	100		
66	40.6	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: 76.835 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampled :

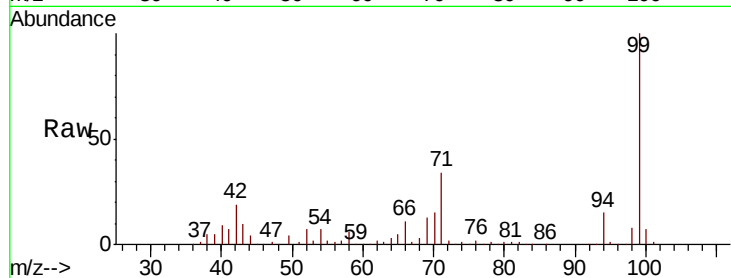
Tot Ion: 99 Resp: 894950

Ion Ratio Lower Upper

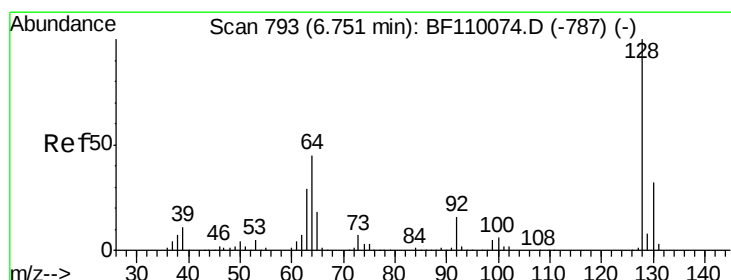
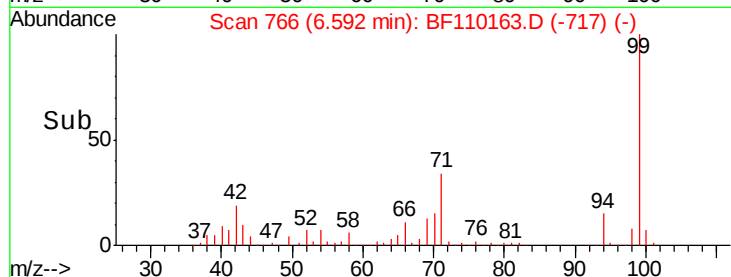
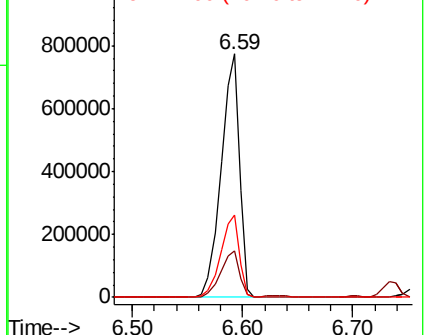
99 100

42 18.9 15.8 23.6

71 33.7 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: 39.480 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

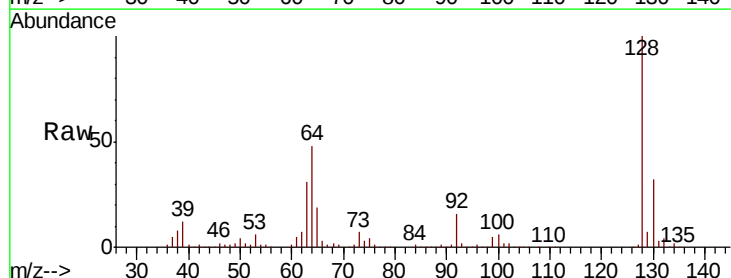
Tgt Ion: 128 Resp: 414492

Ion Ratio Lower Upper

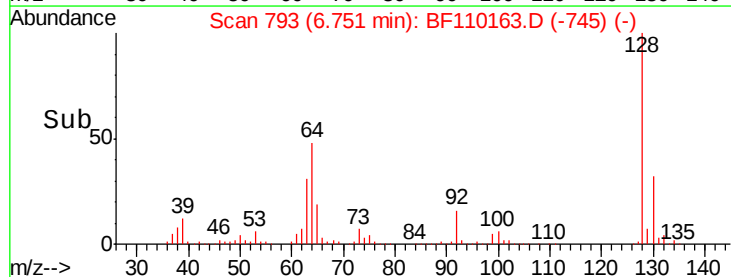
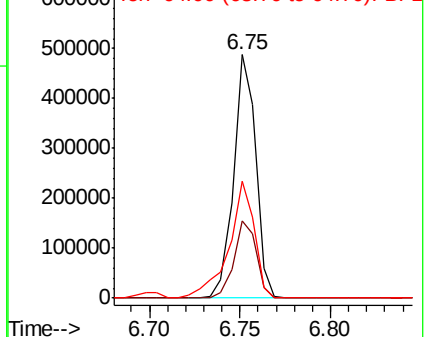
128 100

130 31.7 13.1 53.1

64 48.0 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: 37.924 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

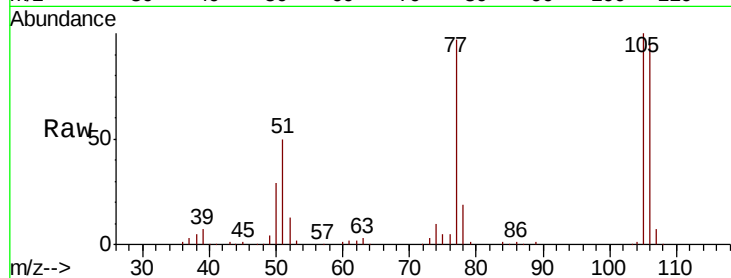
Tot Ion: 77 Resp: 260376

Ion Ratio Lower Upper

77 100

105 103.0 78.6 118.6

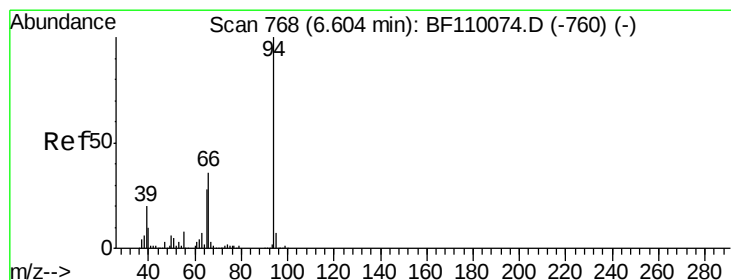
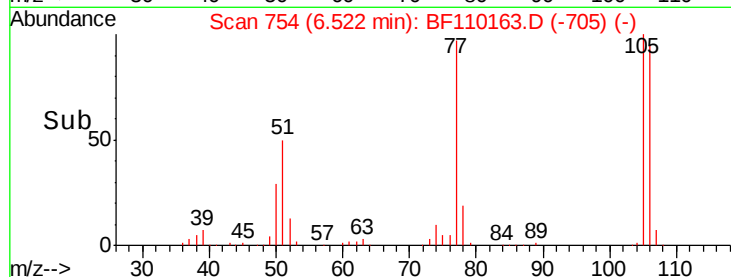
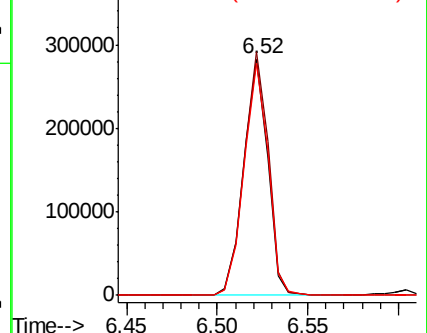
106 98.1 74.8 114.8



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: 38.977 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

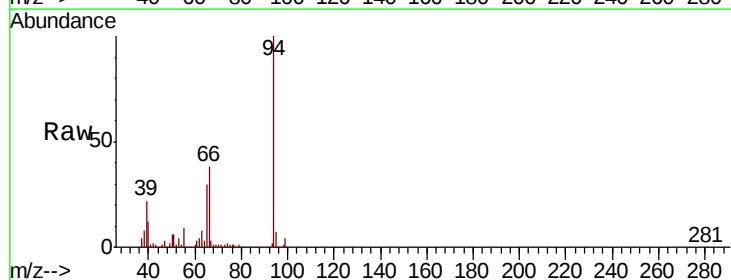
Tgt Ion: 94 Resp: 485284

Ion Ratio Lower Upper

94 100

65 29.8 25.3 65.3

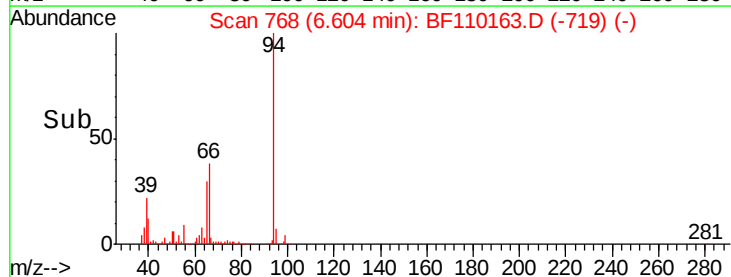
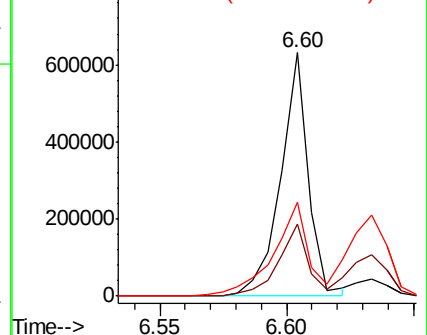
66 38.4 54.5 94.5#

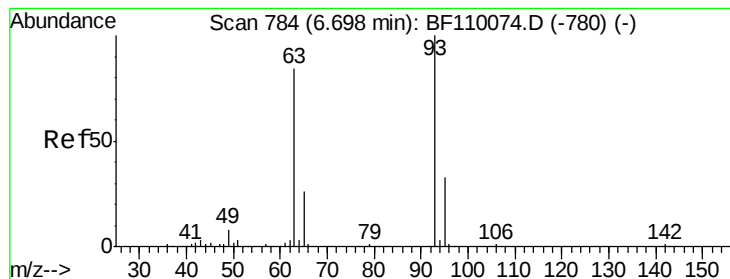


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.552 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

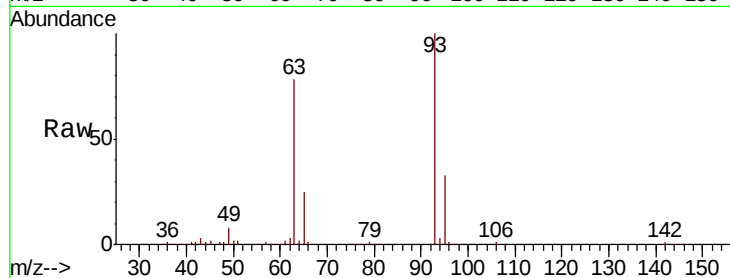
Tot Ion: 93 Resp: 394902

Ion Ratio Lower Upper

93 100

63 77.8 53.4 93.4

95 32.8 12.1 52.1

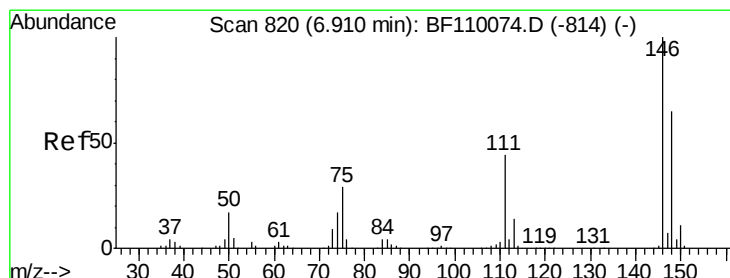
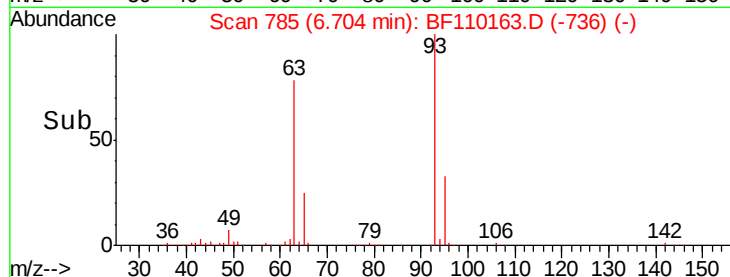
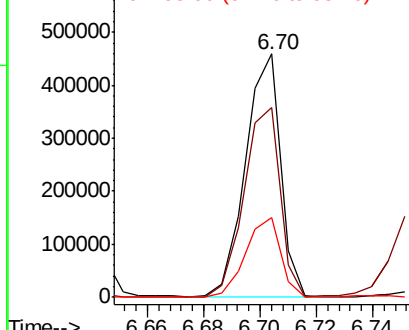


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.877 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

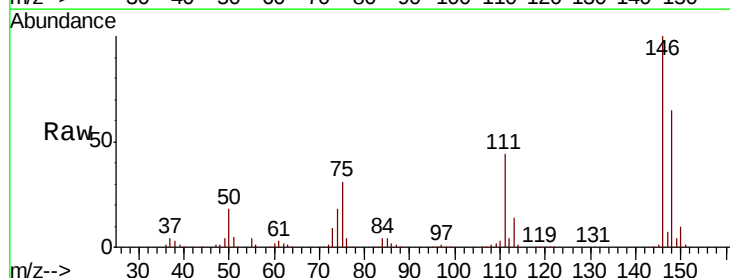
Tgt Ion: 146 Resp: 449182

Ion Ratio Lower Upper

146 100

148 65.5 50.4 75.6

75 30.7 25.8 38.6

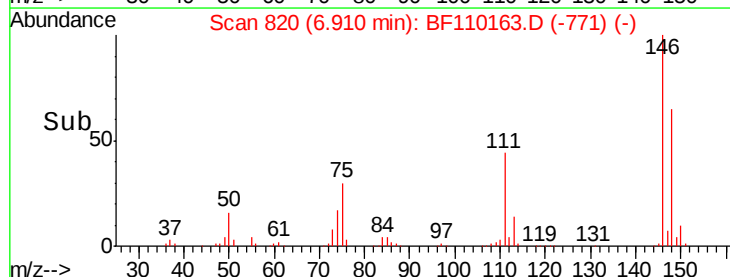
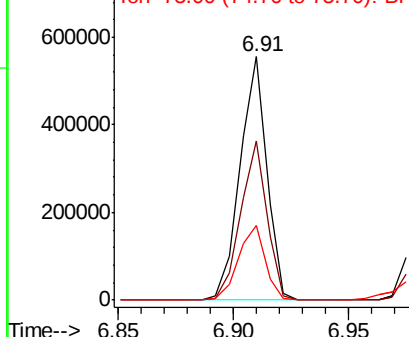


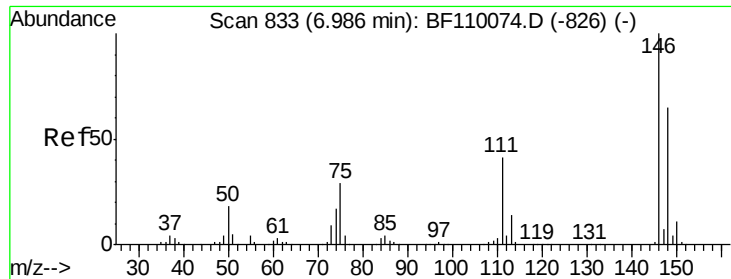
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

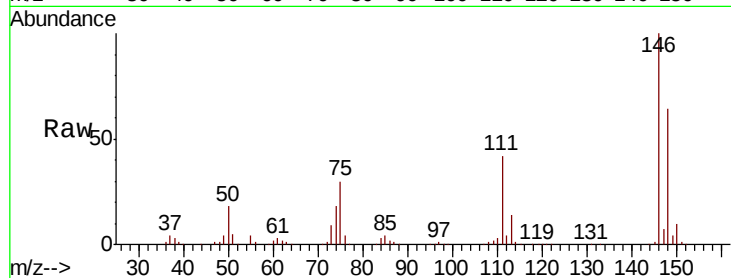




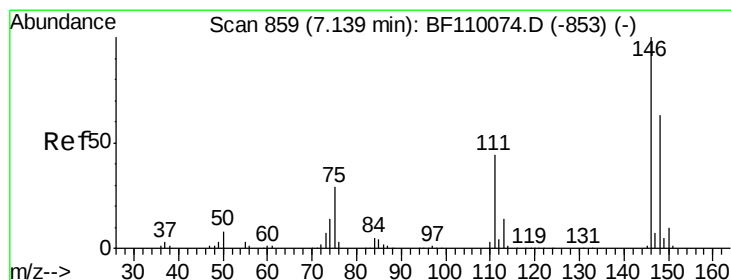
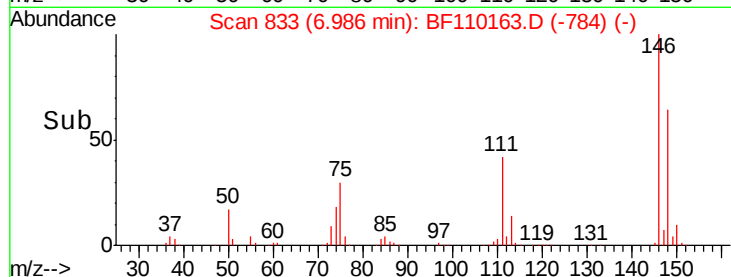
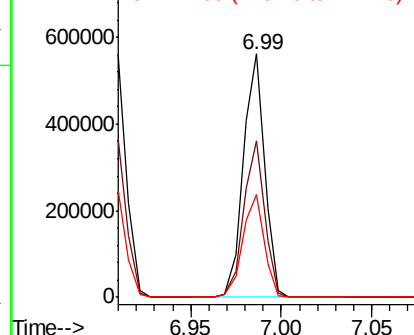
#13
 1,4-Dichlorobenzene
 Concen: 39.219 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 458279
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.3 75.5
 111 42.1 32.7 49.1

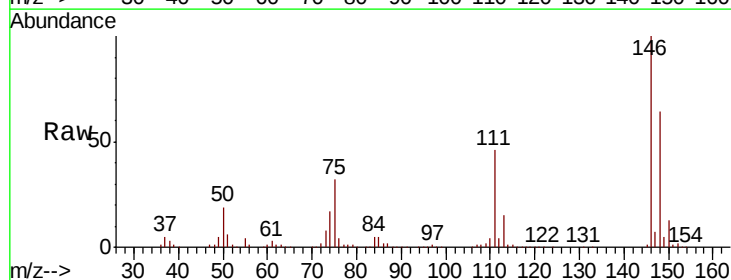


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

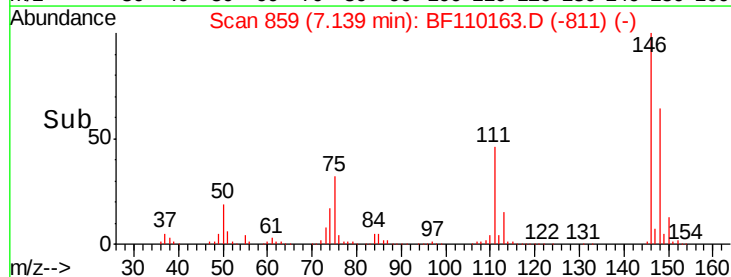
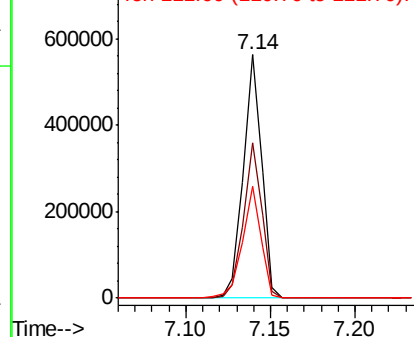


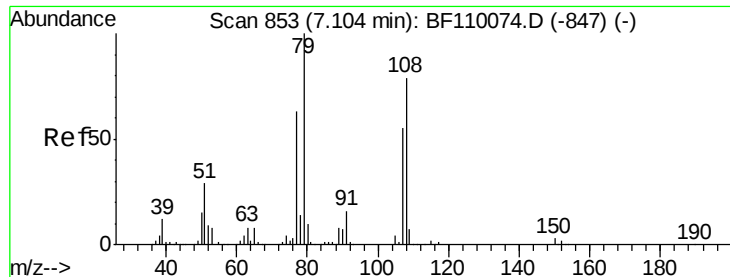
#14
 1,2-Dichlorobenzene
 Concen: 39.100 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Tgt Ion:146 Resp: 424136
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.1 76.7
 111 46.1 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: 40.437 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

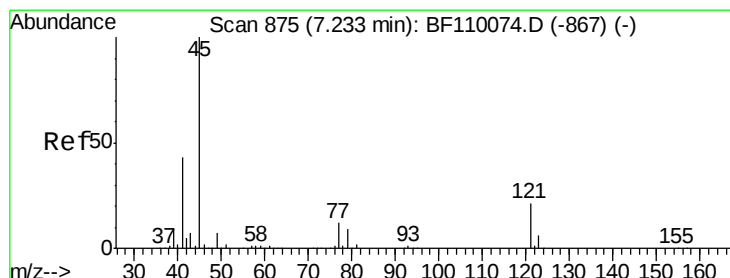
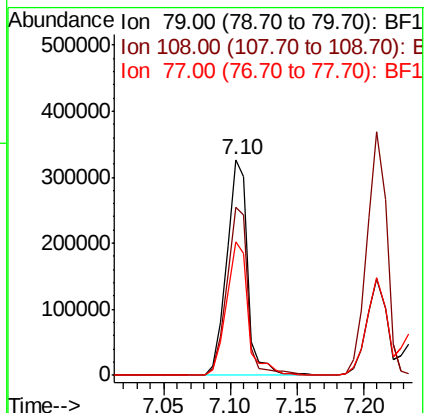
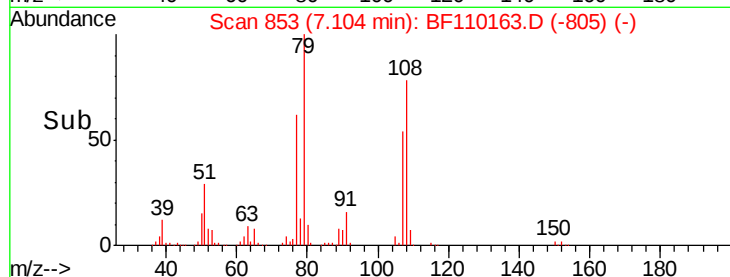
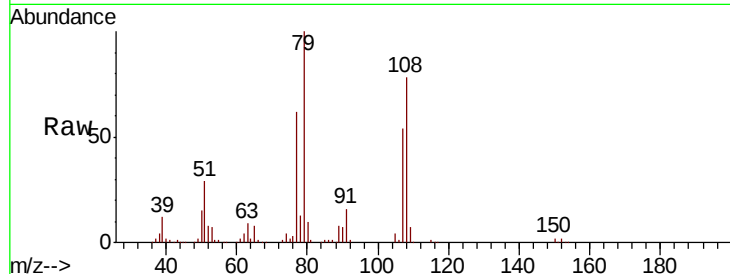
Tot Ion: 79 Resp: 362251

Ion Ratio Lower Upper

79 100

108 77.9 56.3 84.5

77 61.9 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.092 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

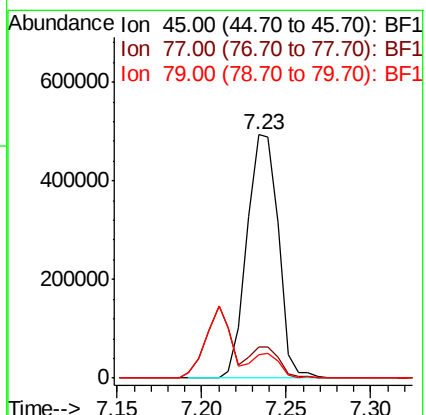
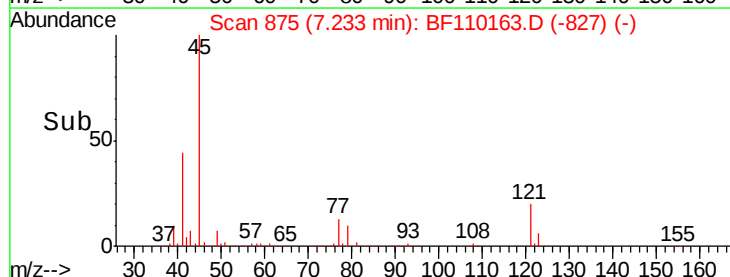
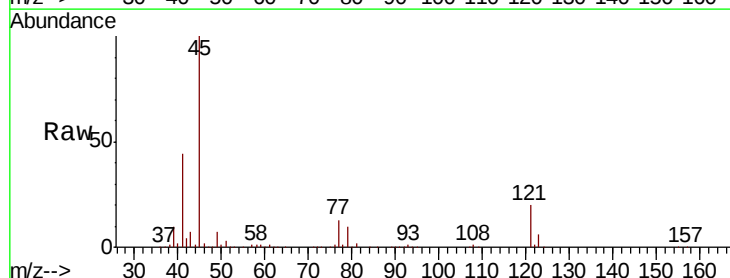
Tgt Ion: 45 Resp: 640242

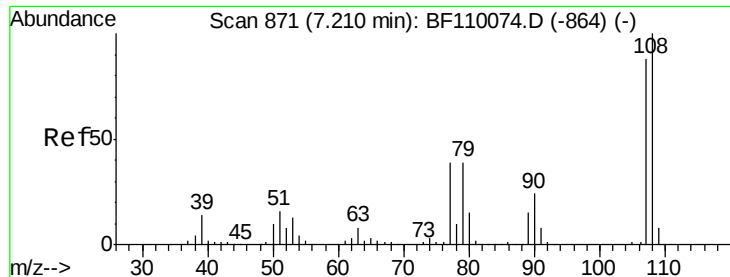
Ion Ratio Lower Upper

45 100

77 12.7 10.0 50.0

79 9.6 6.1 46.1

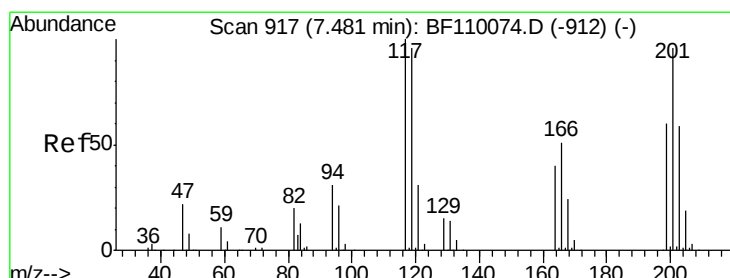
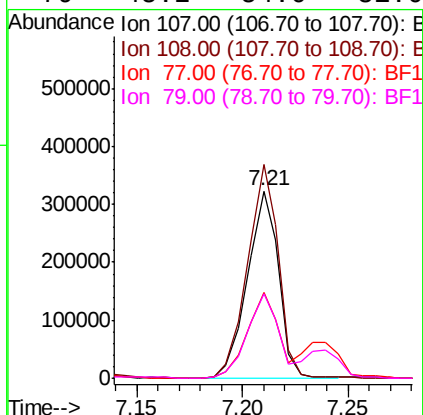
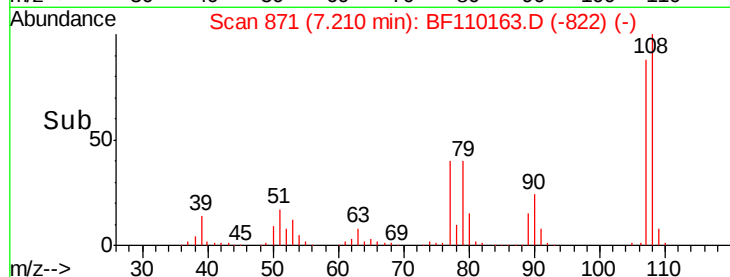
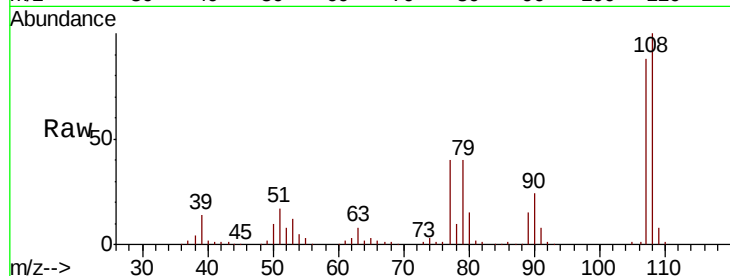




#17
2-Methylphenol
Concen: 39.317 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

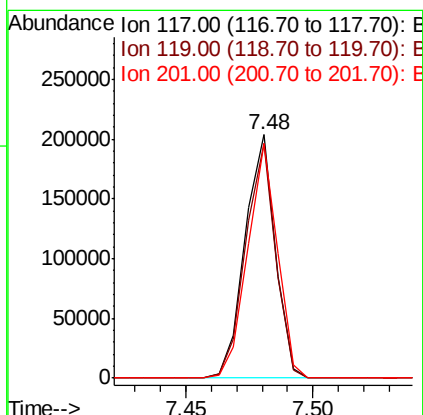
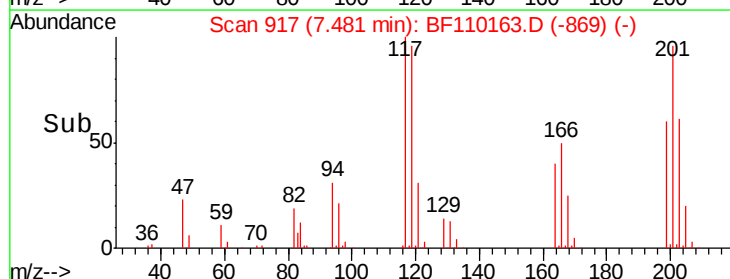
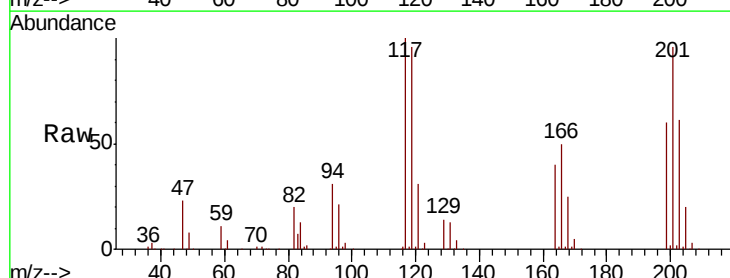
Instrument :
BNA_F
ClientSampleId :

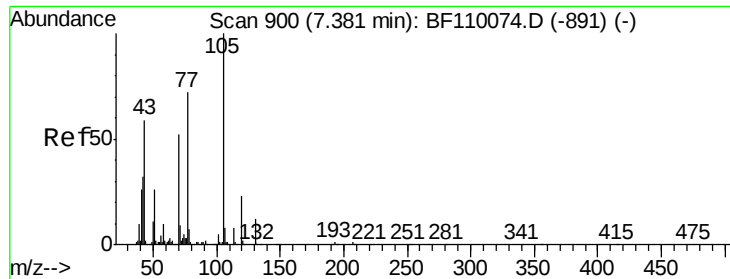
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	92.6	138.8
77	45.6	59.4	89.2#
79	45.2	54.0	81.0#



#18
Hexachloroethane
Concen: 39.518 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.0	112.6
201	96.3	79.2	118.8

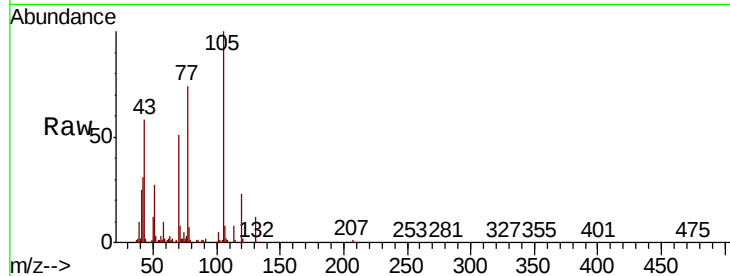




#19
n-Nitroso-di-n-propylamine
Concen: 38.567 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	288193
Ion	Ratio	Lower	Upper
70	100		
42	60.8	47.4	71.2
101	10.0	7.3	10.9
130	22.9	16.2	24.2



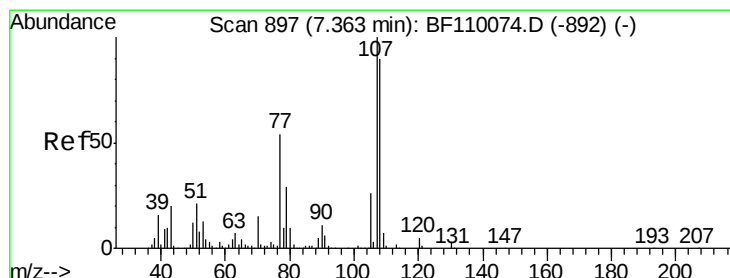
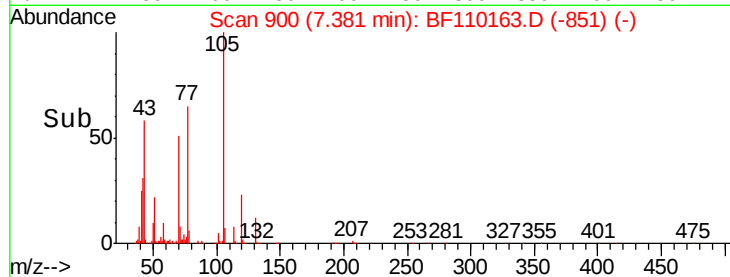
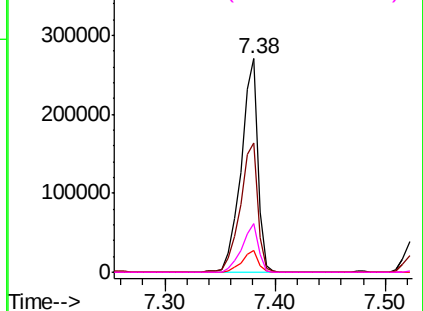
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

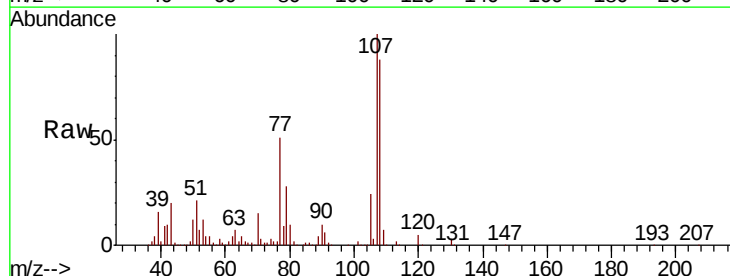
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 39.146 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion:	107	Resp:	423380
Ion	Ratio	Lower	Upper
107	100		
108	88.1	71.4	111.4
77	50.5	47.3	87.3
79	27.6	10.9	50.9



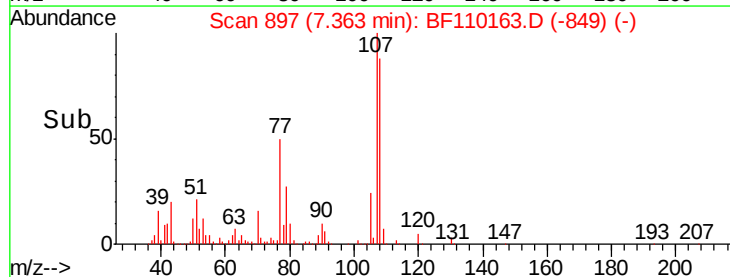
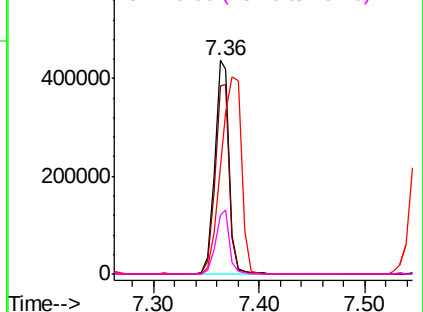
Abundance

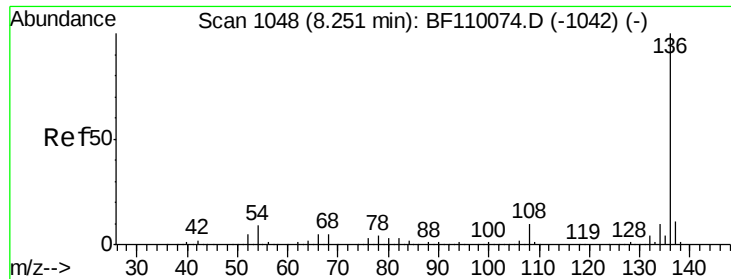
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 627701

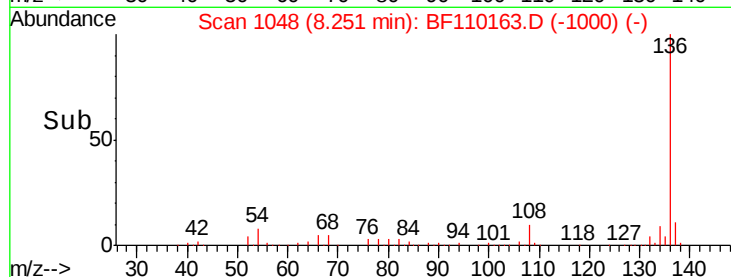
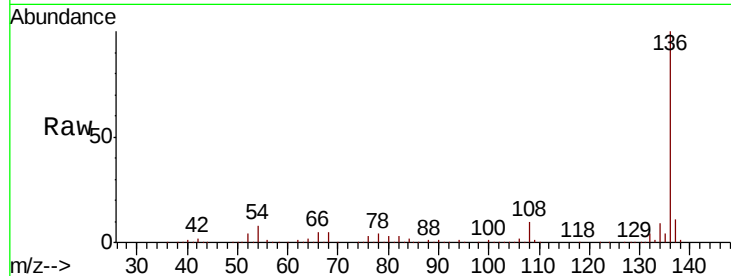
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.4 5.4 8.2#

68 5.5 4.2 6.2

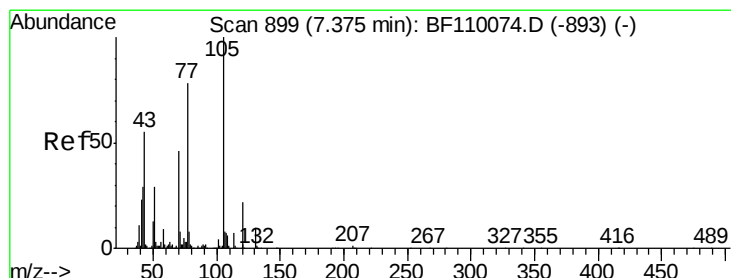
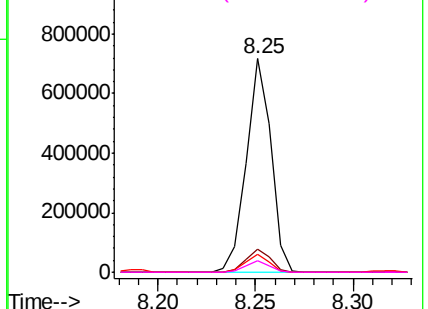


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.150 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Tgt Ion:105 Resp: 551791

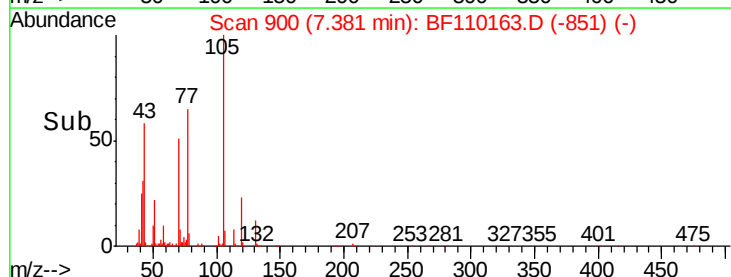
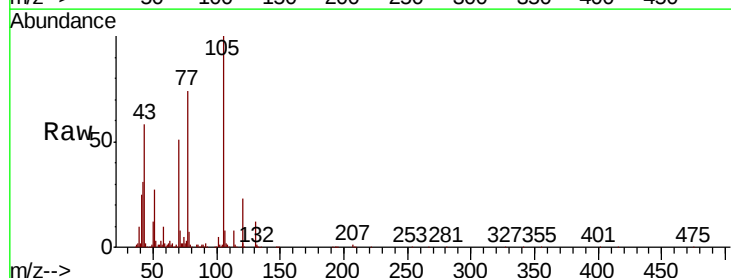
Ion Ratio Lower Upper

105 100

71 8.4 5.2 7.8#

51 26.6 21.8 32.8

120 23.0 17.0 25.4

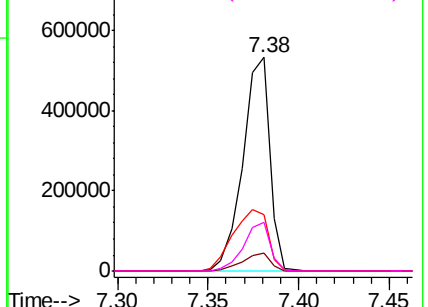


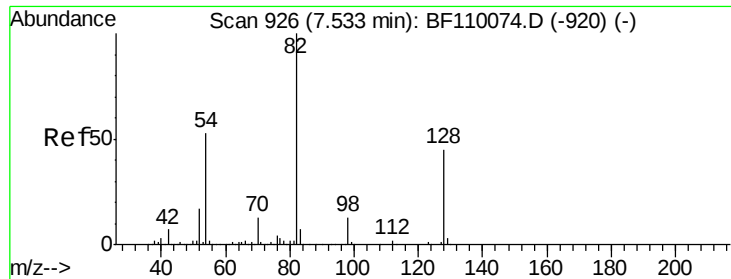
Abundance Ion 105.00 (104.70 to 105.70): E

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

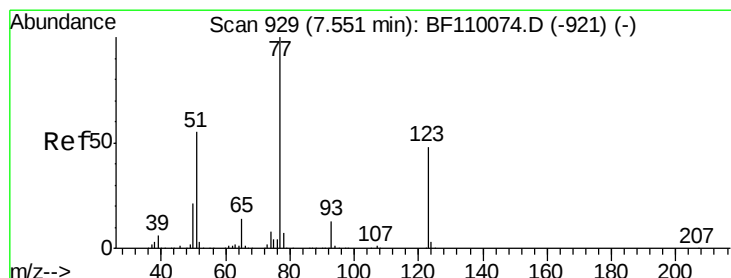
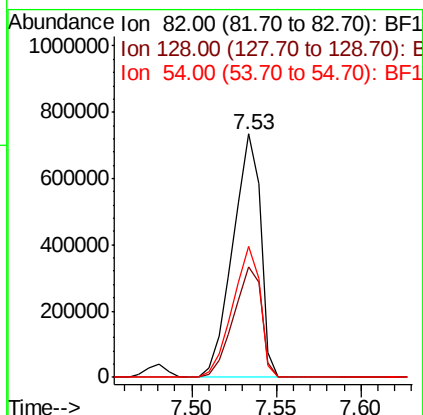
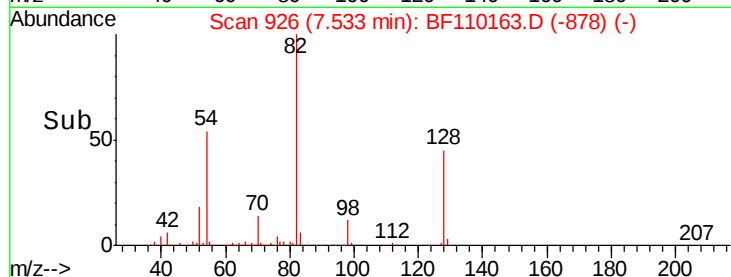
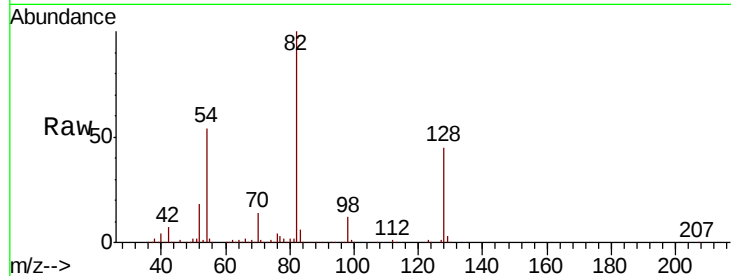




#23
 Nitrobenzene-d5
 Concen: 79.459 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

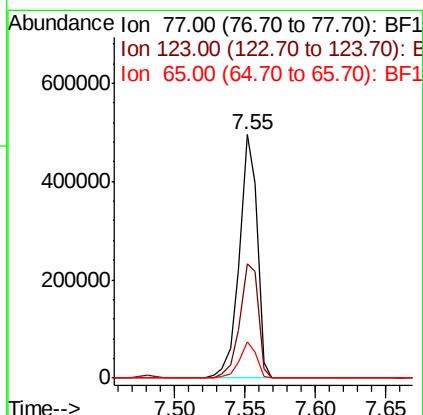
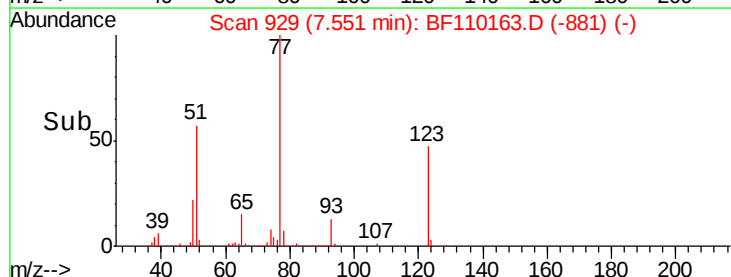
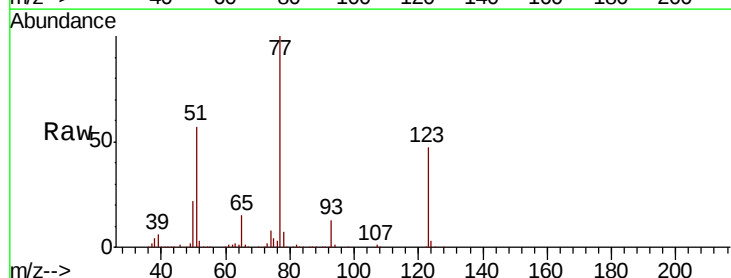
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	840896
Ion Ratio	Lower	Upper	
82	100		
128	45.2	34.2	51.2
54	53.8	38.6	58.0



#24
 Nitrobenzene
 Concen: 39.802 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Tgt Ion	77	Resp	434877
Ion Ratio	Lower	Upper	
77	100		
123	46.8	35.7	53.5
65	14.6	10.7	16.1





#25

Isophorone

Concen: 38.225 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

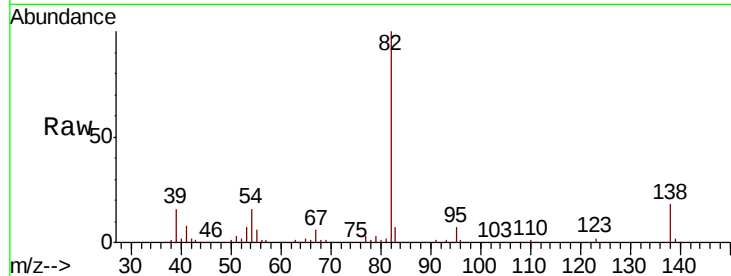
Tot Ion: 82 Resp: 689564

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

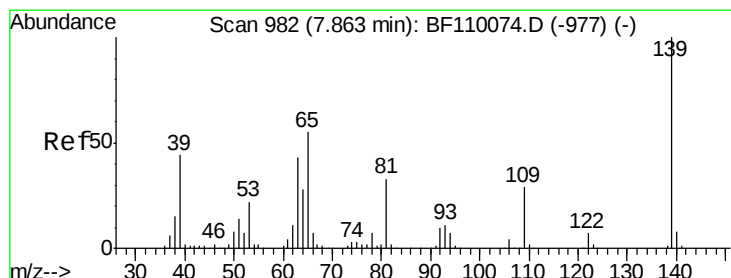
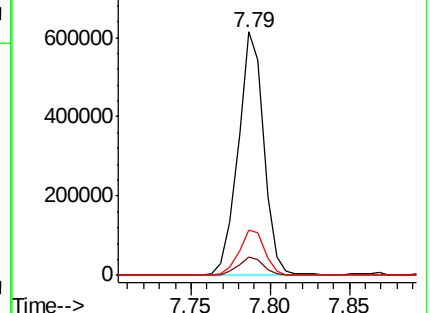
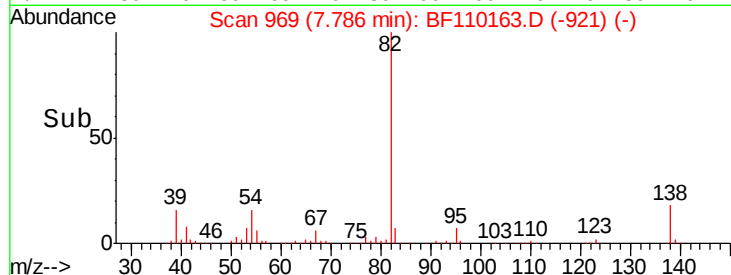
138 18.3 13.2 19.8



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: 42.338 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

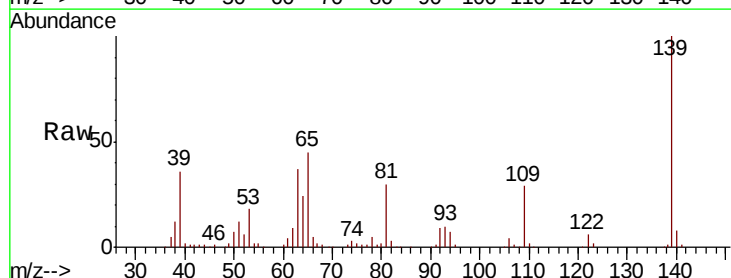
Tgt Ion: 139 Resp: 220130

Ion Ratio Lower Upper

139 100

109 29.4 25.0 37.6

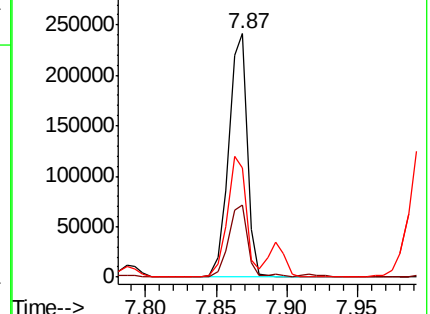
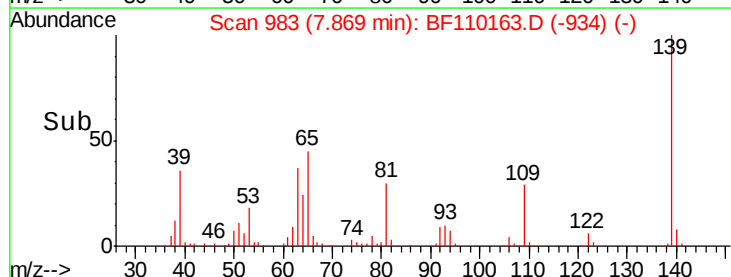
65 44.9 44.0 66.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

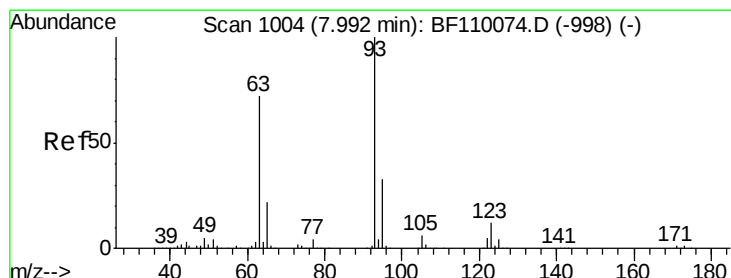
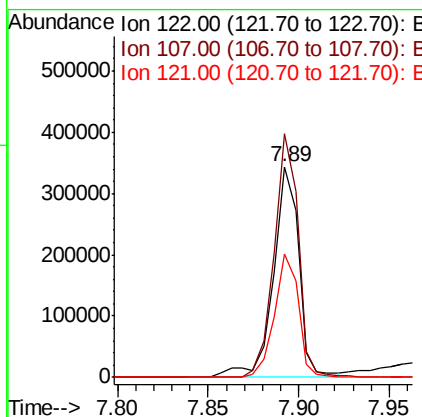
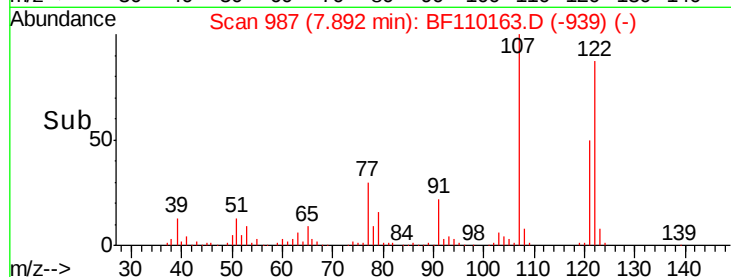
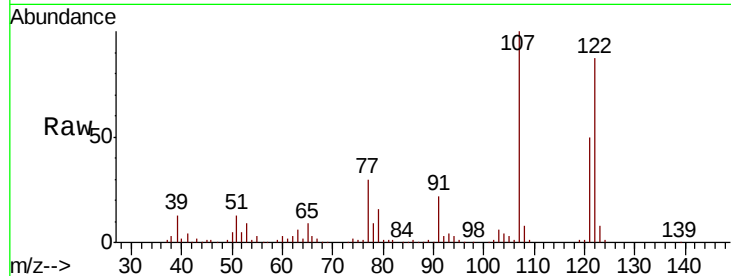




#27
2,4-Dimethylphenol
Concen: 38.949 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

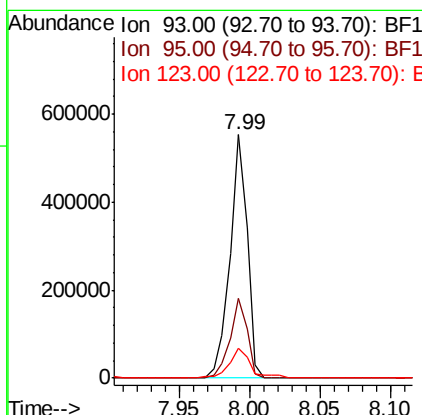
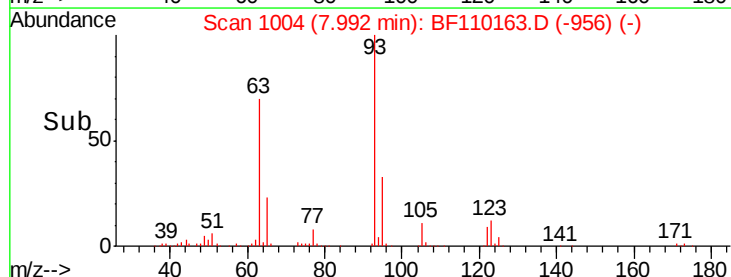
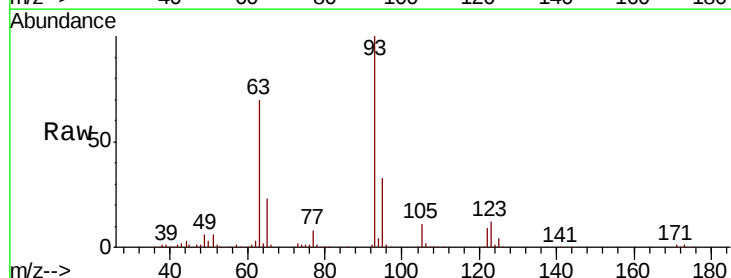
Instrument :
BNA_F
ClientSampleId :

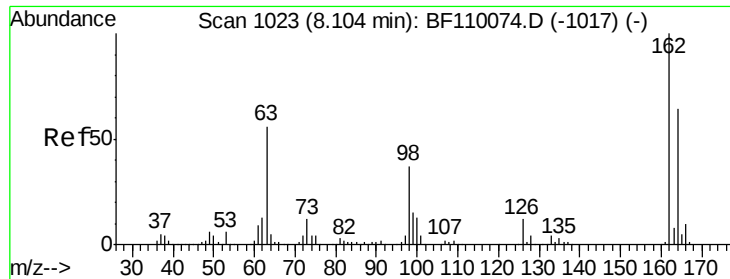
Tot Ion:122 Resp: 335746
Ion Ratio Lower Upper
122 100
107 115.5 92.5 138.7
121 58.2 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 38.428 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion: 93 Resp: 470937
Ion Ratio Lower Upper
93 100
95 32.7 26.4 39.6
123 12.2 9.0 13.6

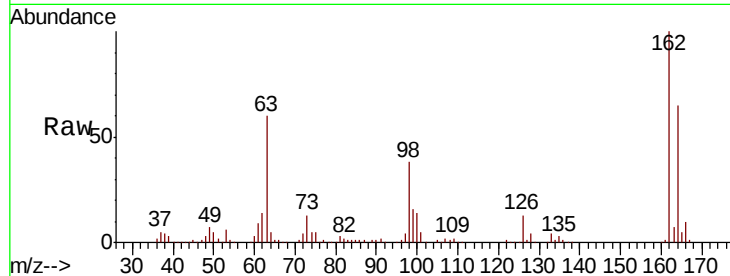




#29
 2,4-Dichlorophenol
 Concen: 39.143 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	162	Resp	340889
Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.6	84.6
98	38.4	17.4	57.4

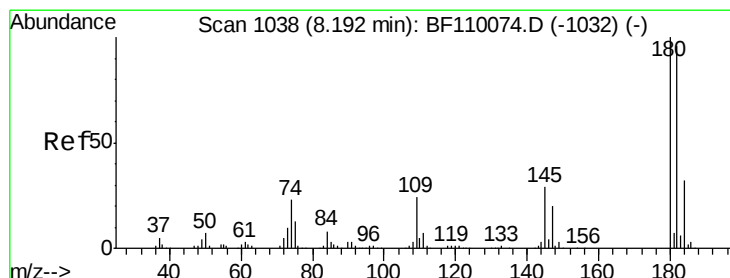
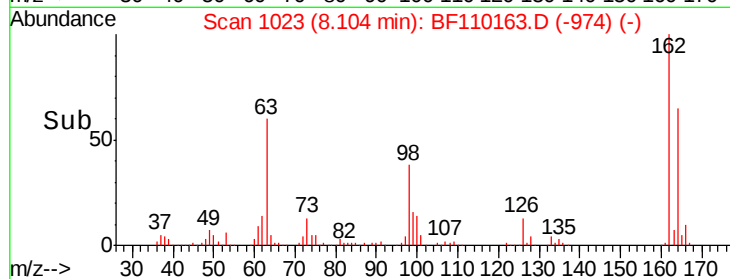
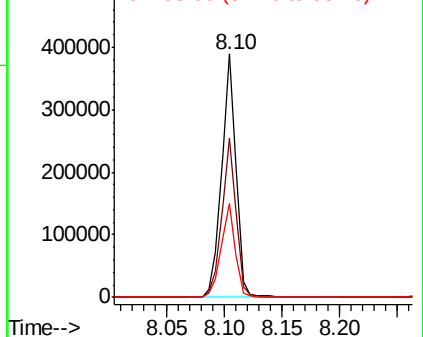


Abundance

Ion 162.00 (161.70 to 162.70): E

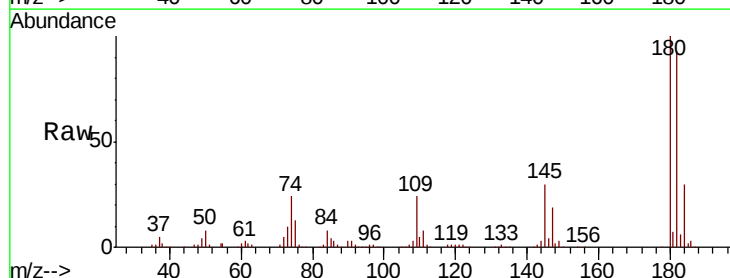
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.565 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Tgt Ion	180	Resp	385954
Ion	Ratio	Lower	Upper
180	100		
182	93.2	80.3	120.5
145	29.9	25.4	38.0

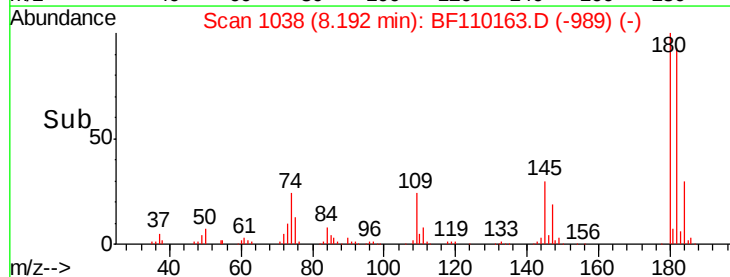
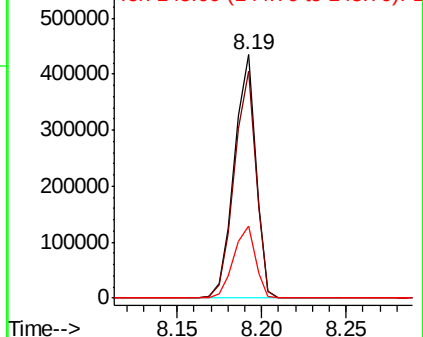


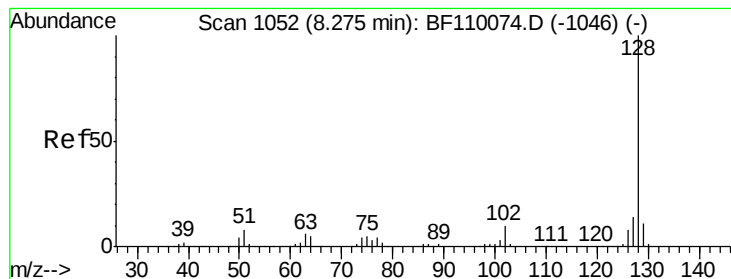
Abundance

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: 38.772 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

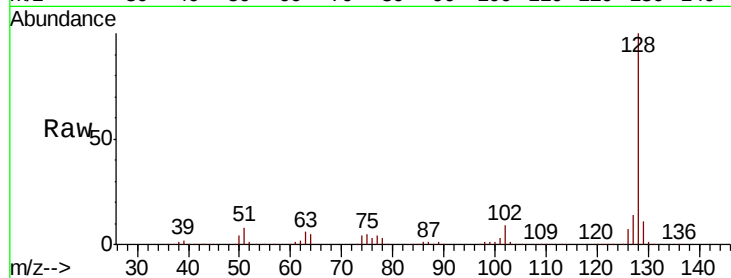
Tot Ion:128 Resp: 1121673

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

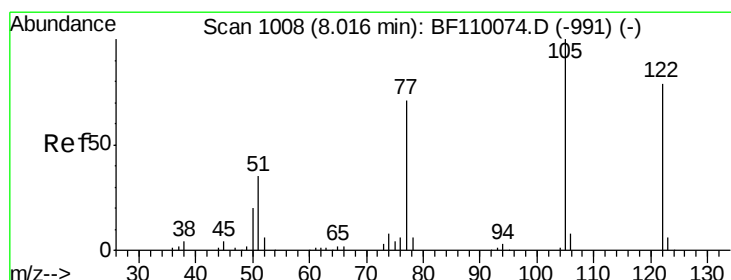
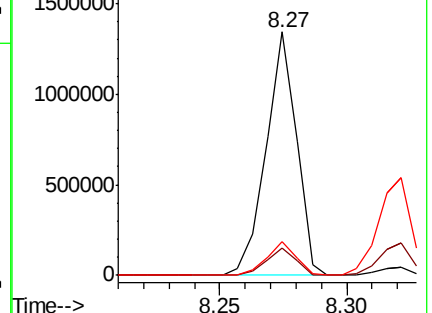
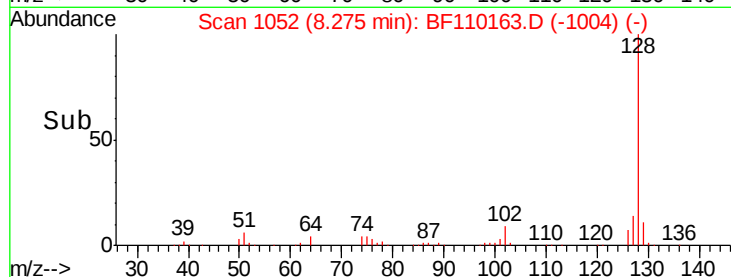
127 13.6 10.8 16.2



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: 31.149 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

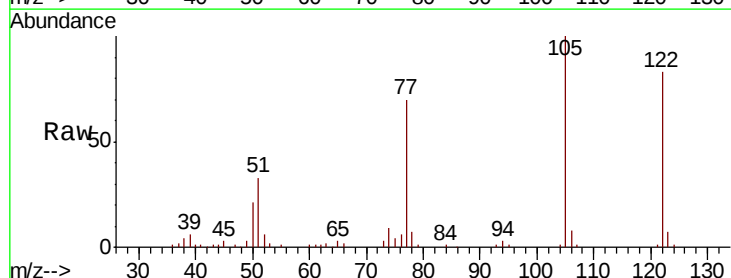
Tgt Ion:122 Resp: 207528

Ion Ratio Lower Upper

122 100

105 119.9 109.0 149.0

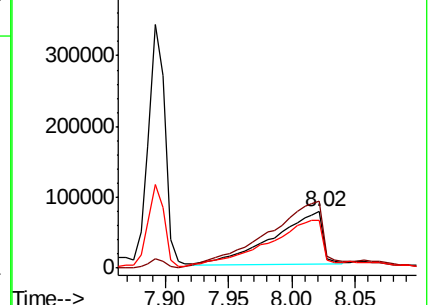
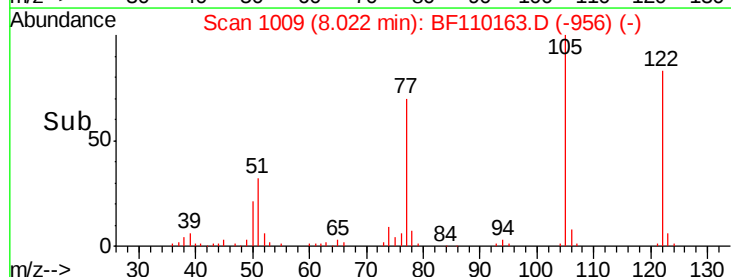
77 83.9 79.0 119.0



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

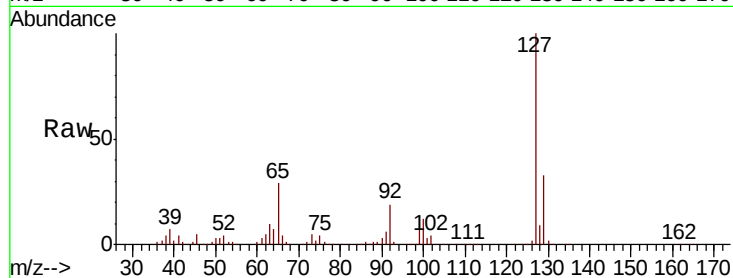




#33
4-Chloroaniline
Concen: 38.094 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	495987
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.0	39.0
65	29.3	25.1	37.7
92	18.9	15.0	22.6



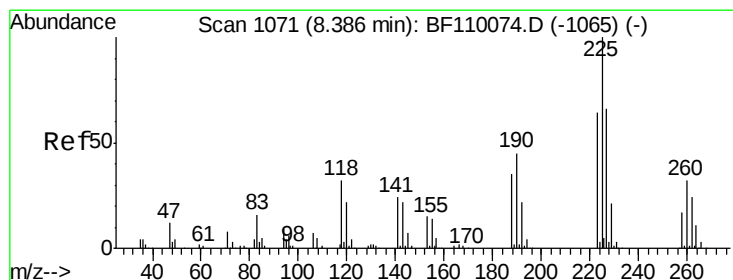
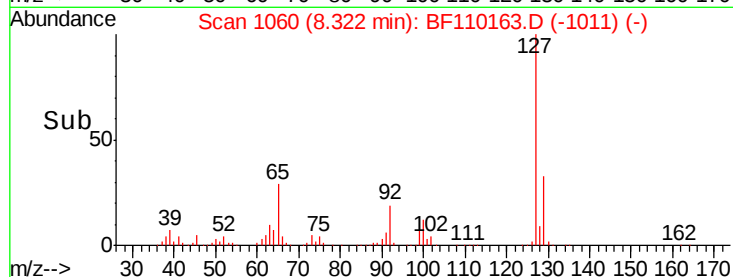
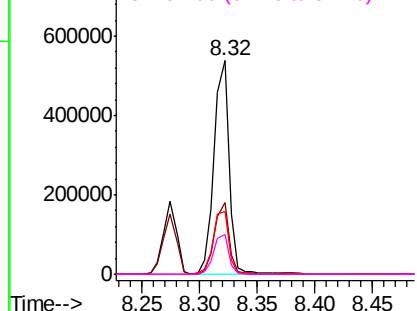
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

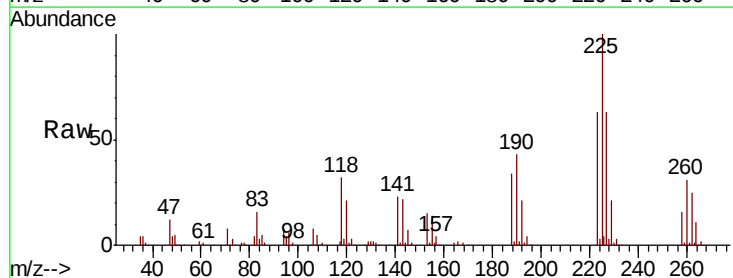
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.659 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion:	225	Resp:	214809
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.4	77.2
227	63.3	51.0	76.6

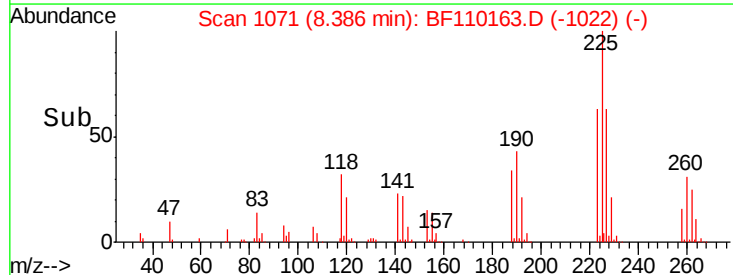
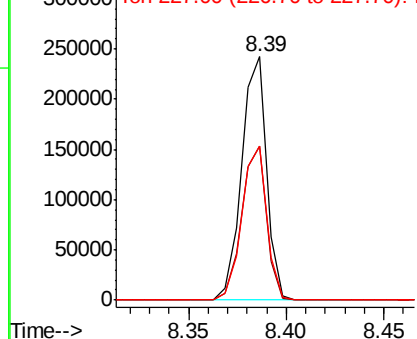


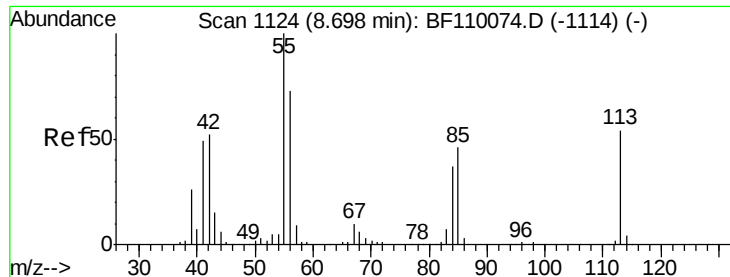
Abundance

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

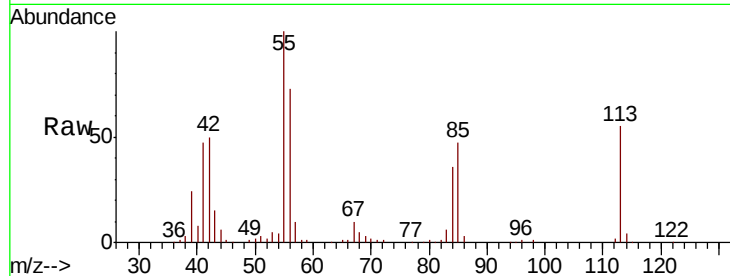




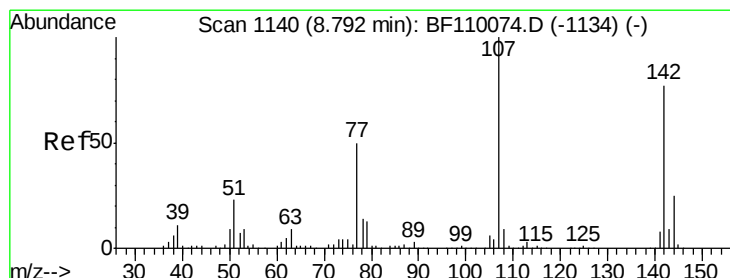
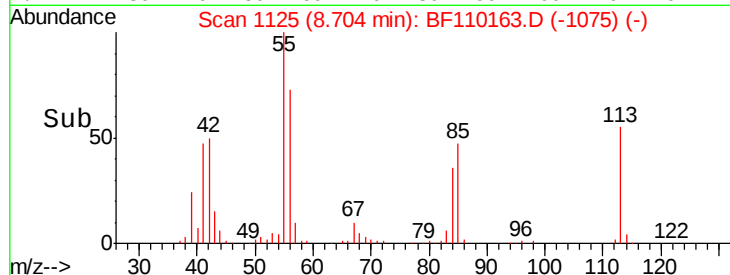
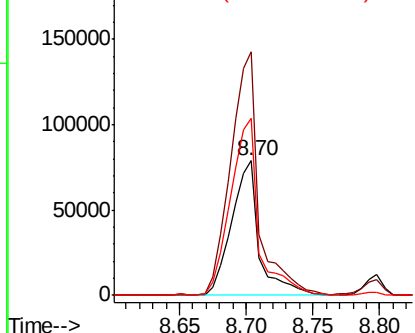
#35
Caprolactam
Concen: 38.041 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 115470
Ion Ratio Lower Upper
113 100
55 180.7 142.8 182.8
56 131.3 105.0 145.0

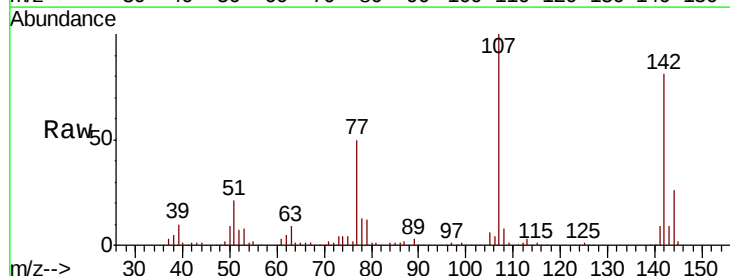


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

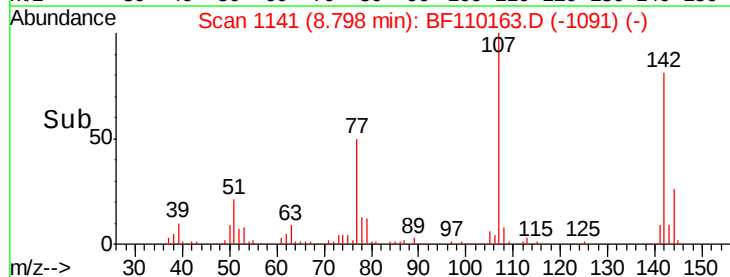
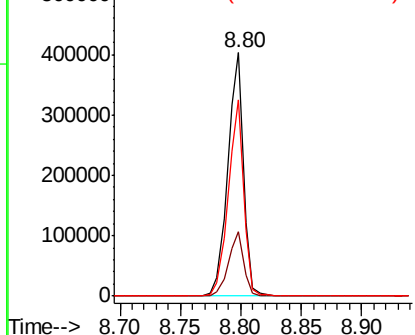


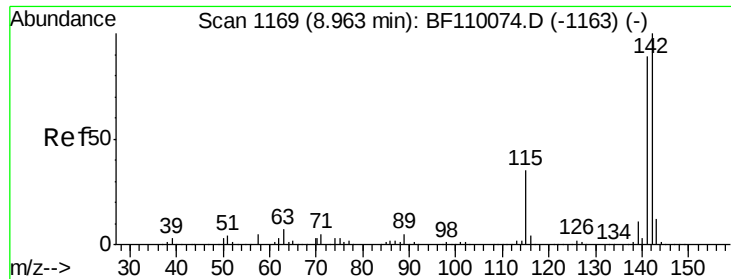
#36
4-Chloro-3-methylphenol
Concen: 38.572 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion:107 Resp: 363252
Ion Ratio Lower Upper
107 100
144 26.2 20.0 30.0
142 80.6 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

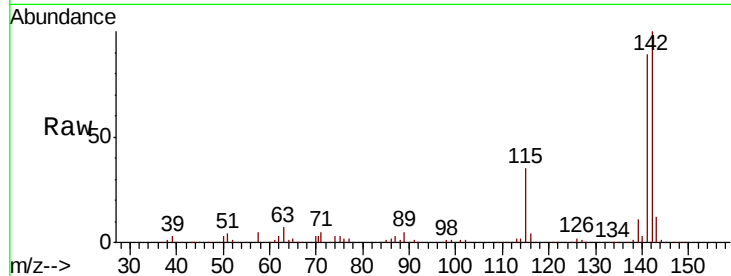




#37
 2-Methylnaphthalene
 Concen: 38.284 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.02 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2
115	34.9	28.7	43.1

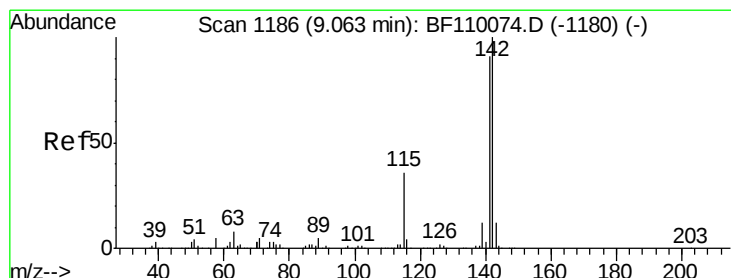
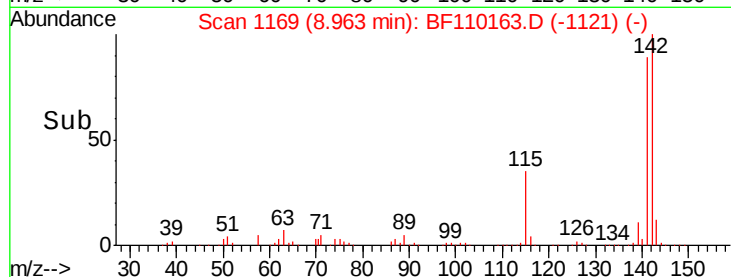
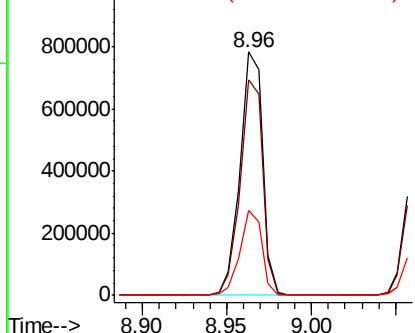


Abundance

Ion 142.00 (141.70 to 142.70): E

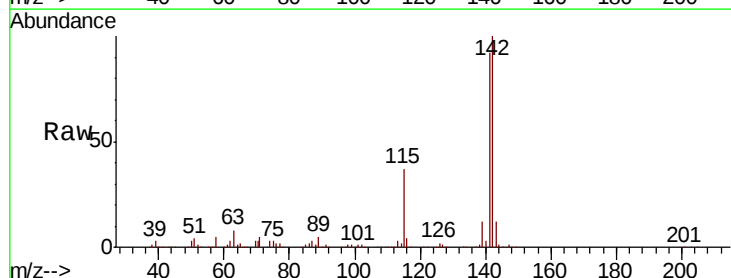
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 38.094 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4
116	3.9	2.6	4.0

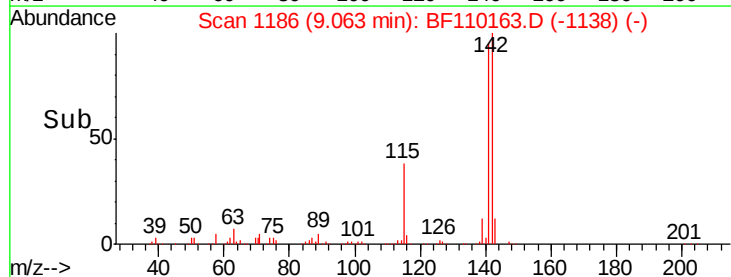
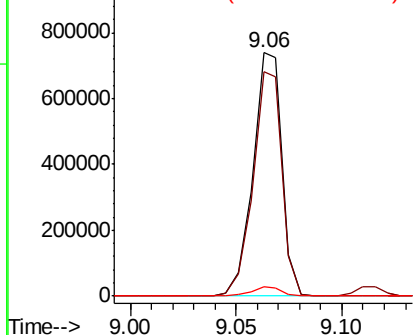


Abundance

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# 1348

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

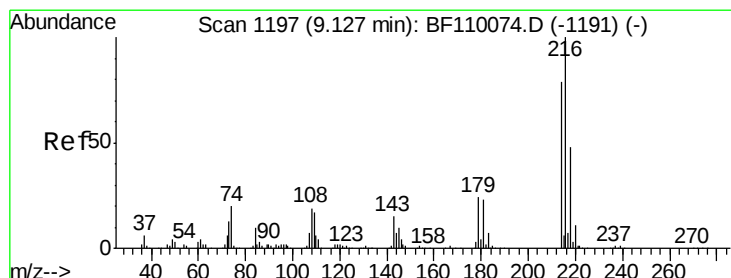
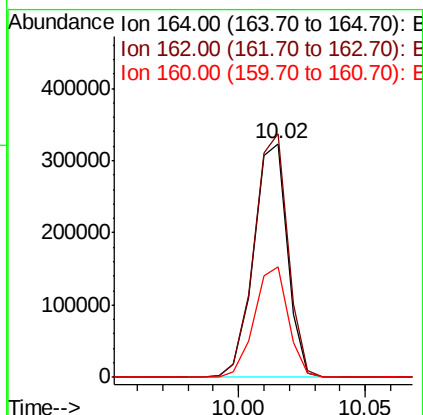
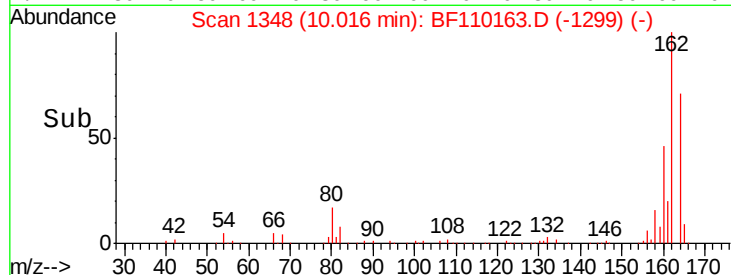
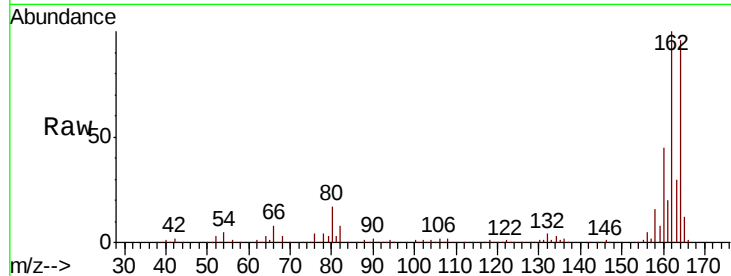
Tot Ion:164 Resp: 301561

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

160 47.2 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.250 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Tgt Ion:216 Resp: 359394

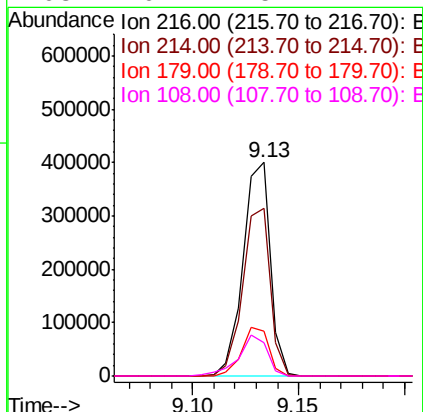
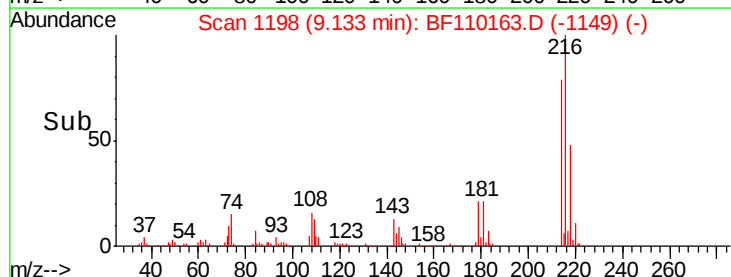
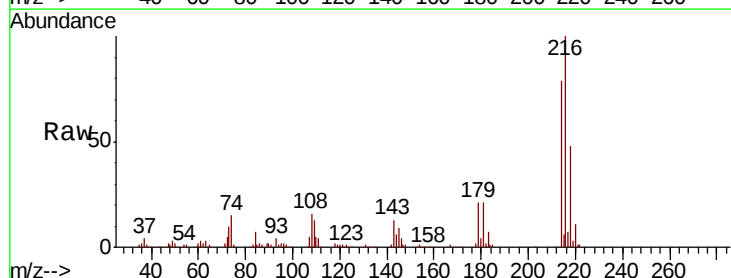
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.6

179 22.8 16.6 25.0

108 20.1 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 38.859 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampled :

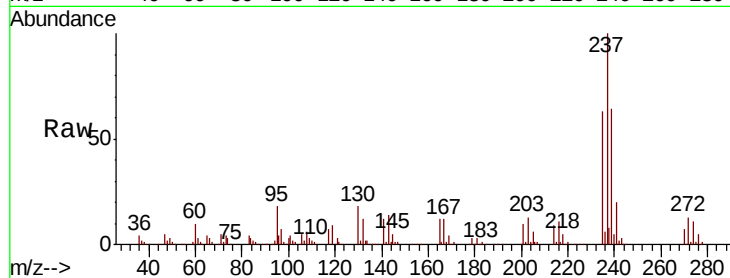
Tot Ion:237 Resp: 186700

Ion Ratio Lower Upper

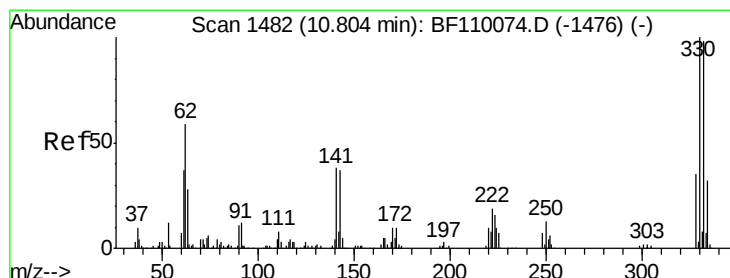
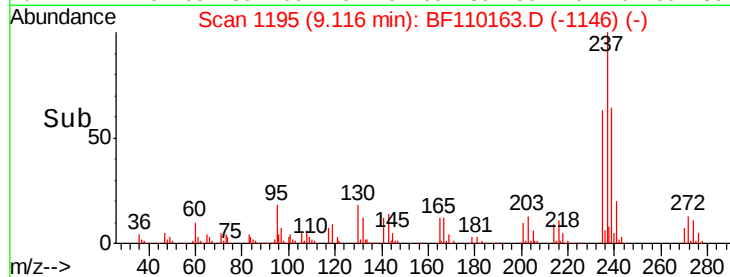
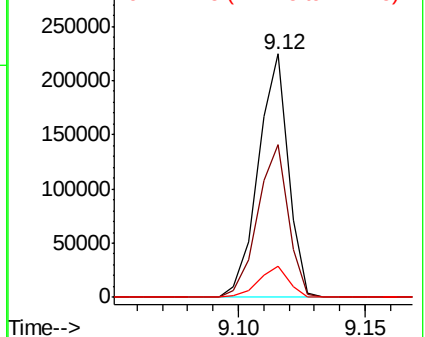
237 100

235 62.8 43.1 83.1

272 12.6 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: 77.223 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

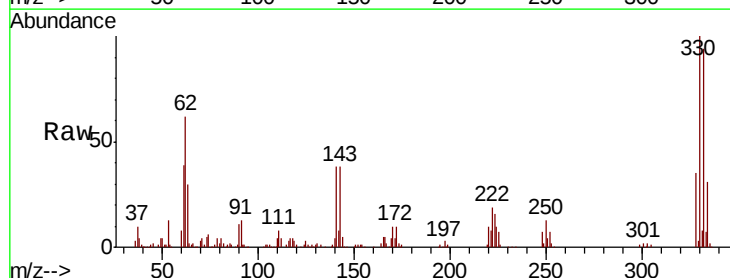
Tgt Ion:330 Resp: 230678

Ion Ratio Lower Upper

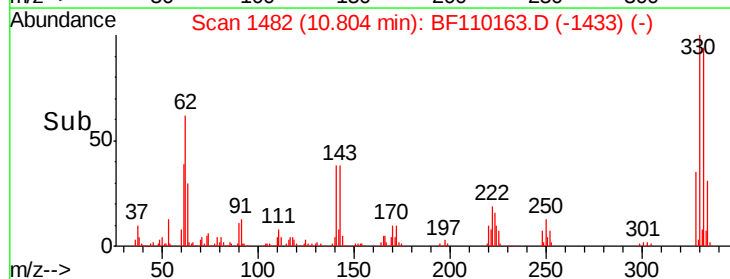
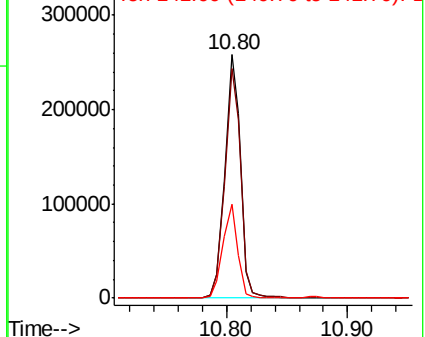
330 100

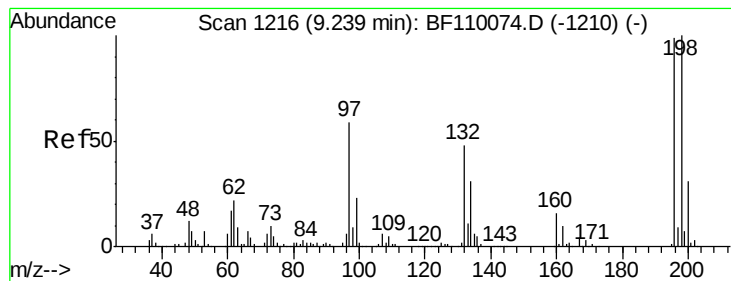
332 95.8 77.1 115.7

141 36.8 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: 39.084 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampled :

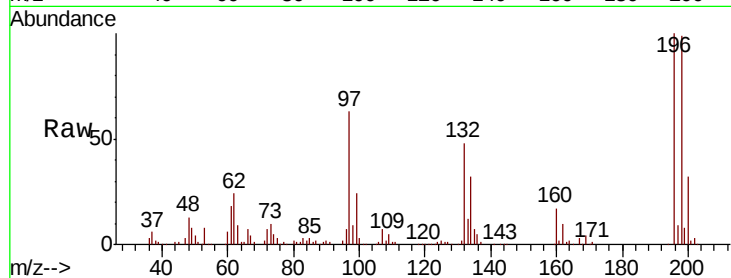
Tot Ion:196 Resp: 236861

Ion Ratio Lower Upper

196 100

198 98.5 76.2 114.4

200 31.6 24.4 36.6

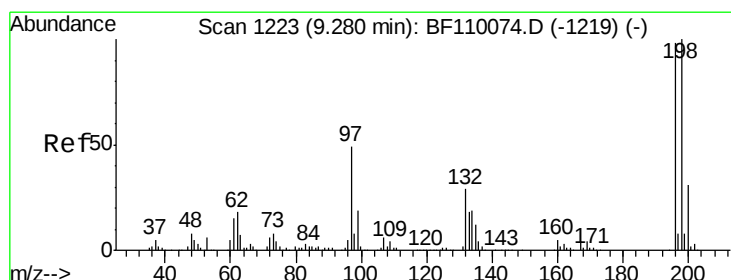
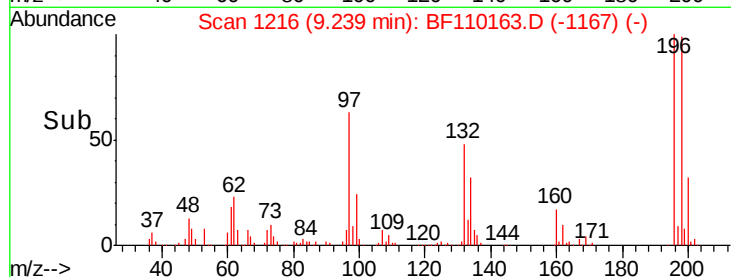
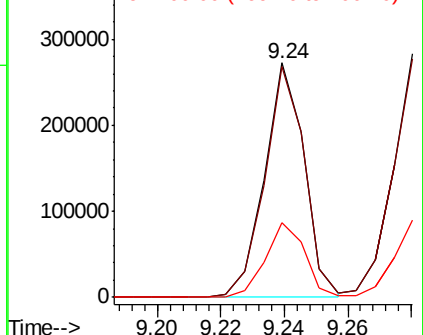


Abundance

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: 38.436 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Tgt Ion:196 Resp: 246223

Ion Ratio Lower Upper

196 100

198 97.8 75.8 113.6

97 53.6 42.4 63.6

132 30.7 22.8 34.2

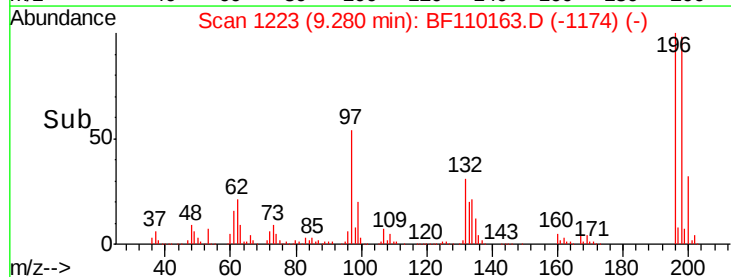
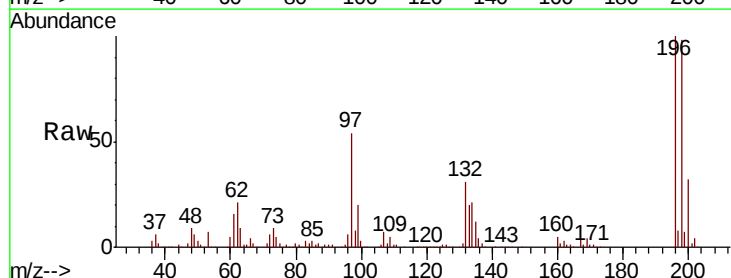
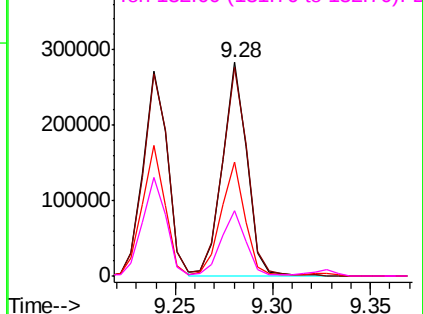
Abundance

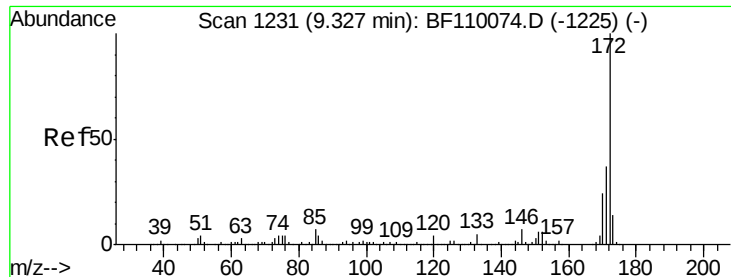
Ion 196.00 (195.70 to 196.70): E

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

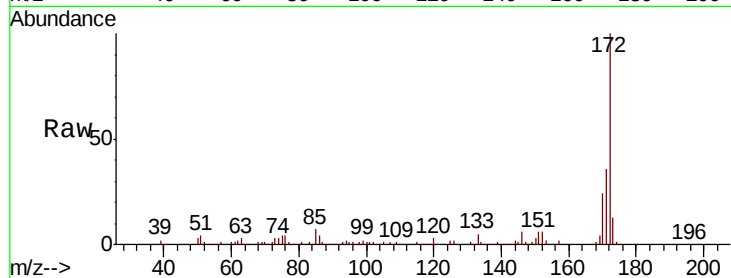




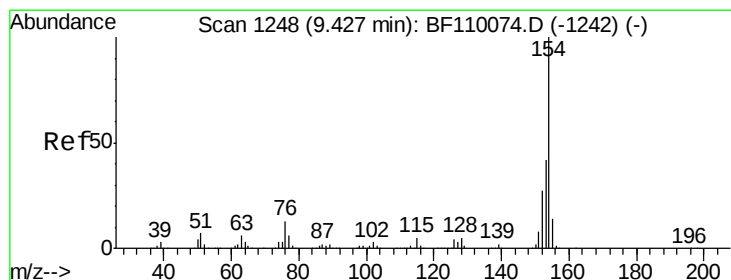
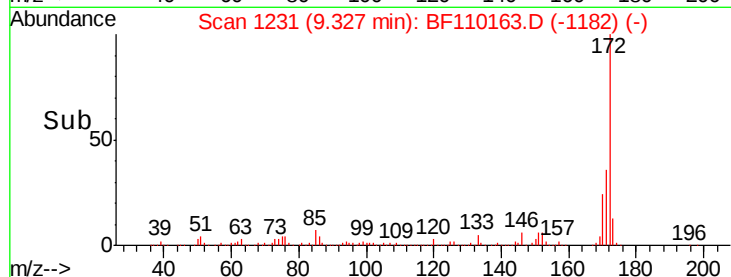
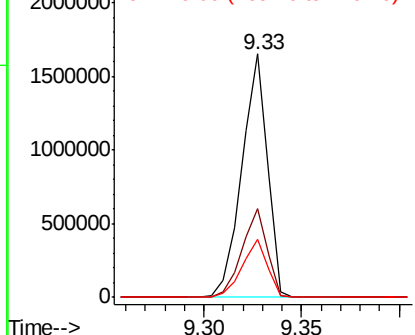
#45
2-Fluorobiphenyl
Concen: 77.853 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1495134
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.0 19.7 29.5

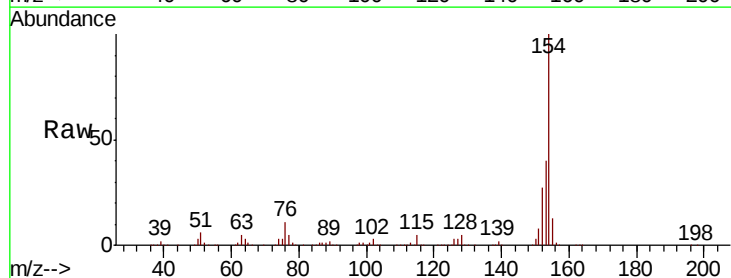


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

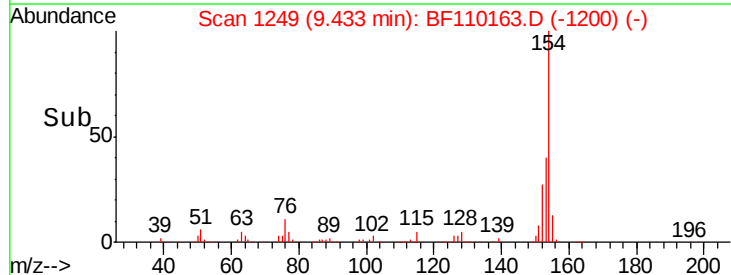
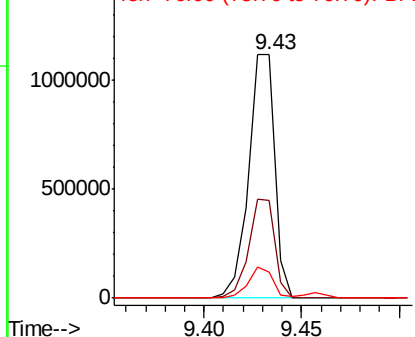


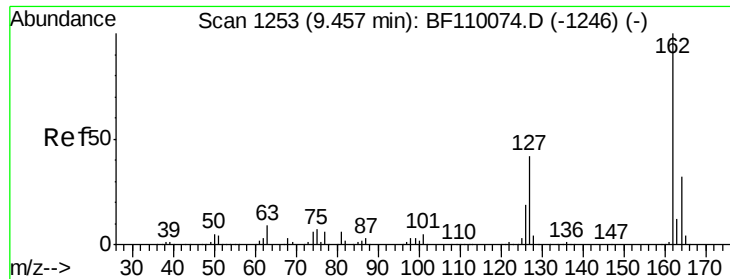
#46
1,1'-Biphenyl
Concen: 38.081 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion:154 Resp: 1038456
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 10.6 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

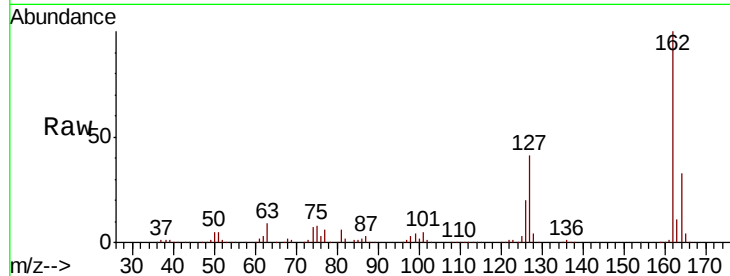




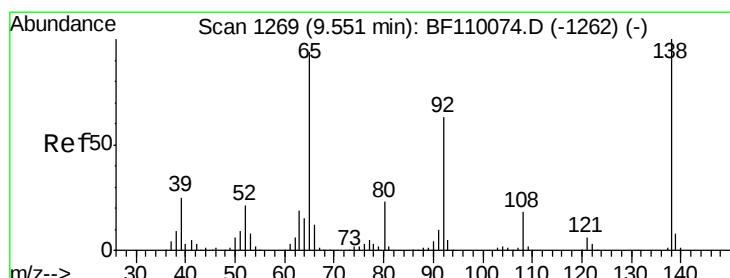
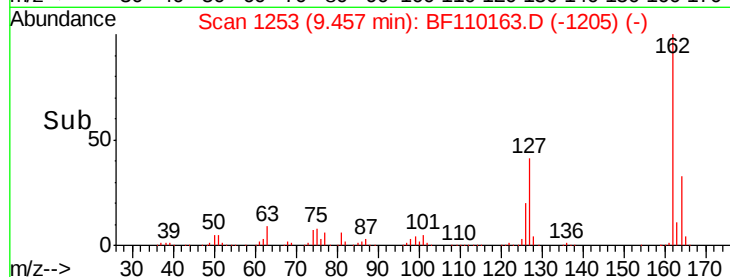
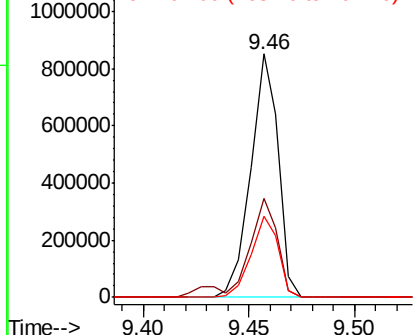
#47
 2-Chloronaphthalene
 Concen: 38.472 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.6	48.8
164	33.2	25.9	38.9

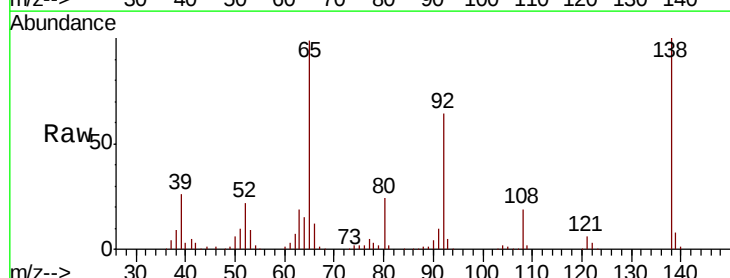


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

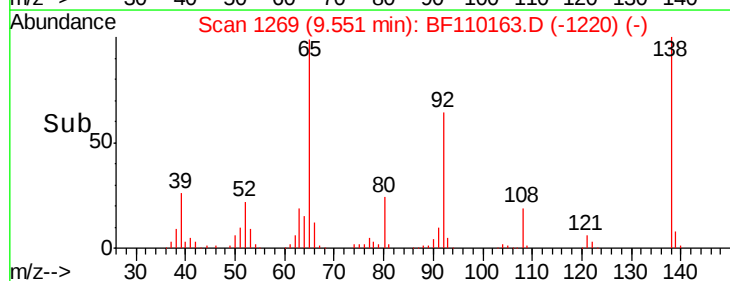
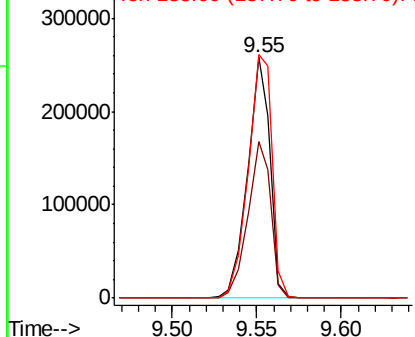


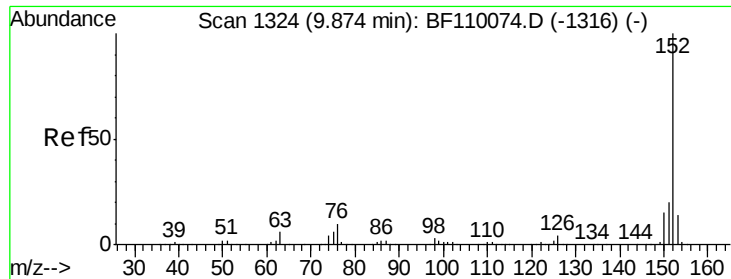
#48
 2-Nitroaniline
 Concen: 39.411 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	54.6	81.8
138	101.1	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): E





#49

Acenaphthylene

Concen: 37.885 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

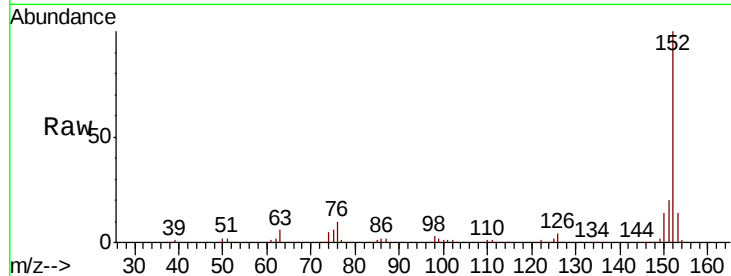
Tot Ion:152 Resp: 1094566

Ion Ratio Lower Upper

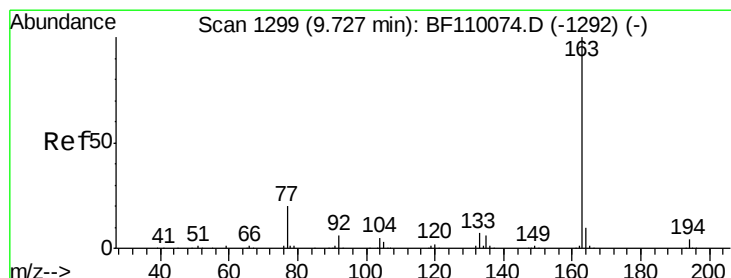
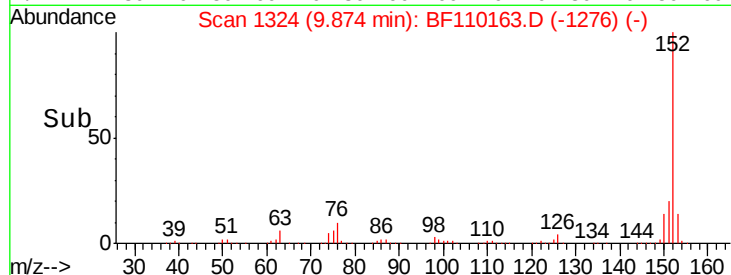
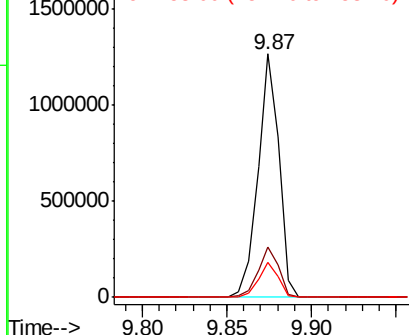
152 100

151 20.4 15.8 23.8

153 14.3 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.778 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

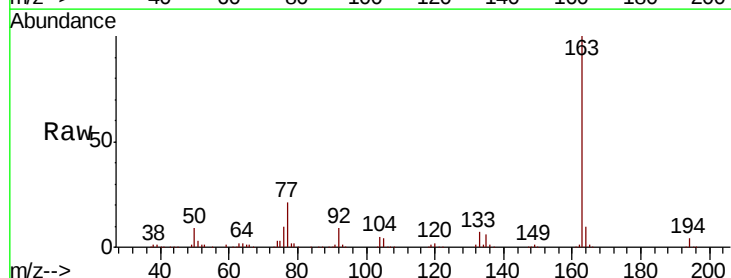
Tgt Ion:163 Resp: 840954

Ion Ratio Lower Upper

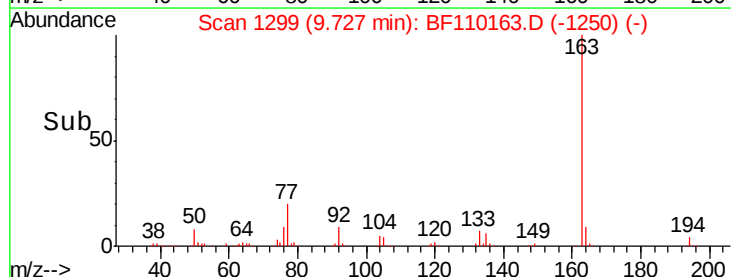
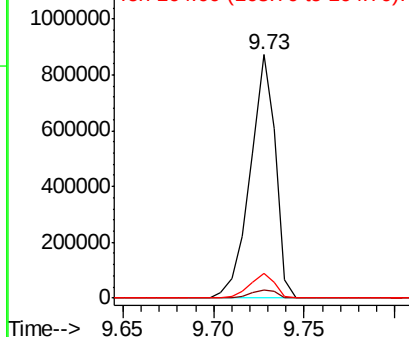
163 100

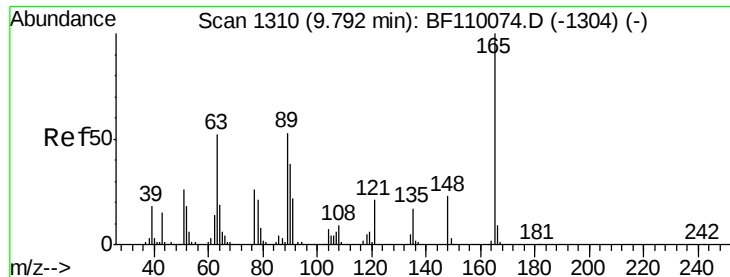
194 3.6 3.2 4.8

164 10.3 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

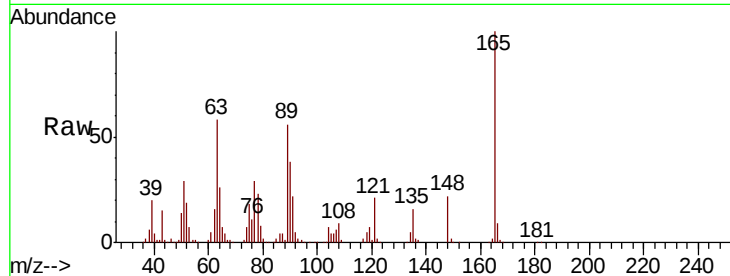




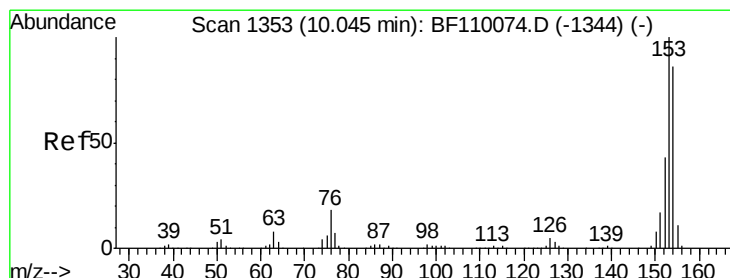
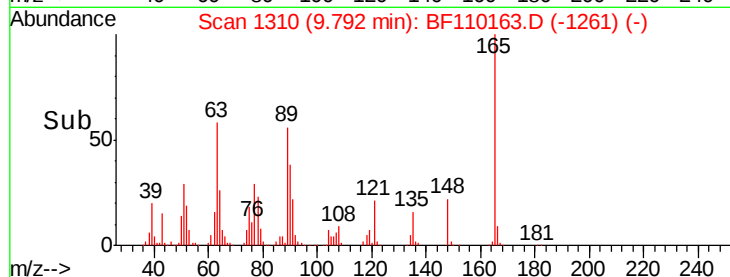
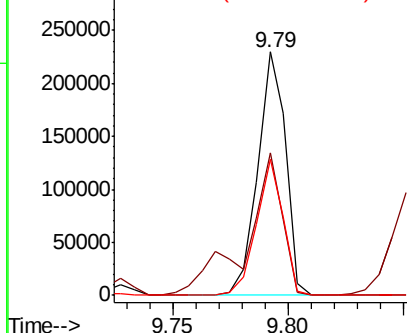
#51
 2,6-Dinitrotoluene
 Concen: 40.403 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 193733
 Ion Ratio Lower Upper
 165 100
 63 58.4 48.9 73.3
 89 56.0 46.6 69.8

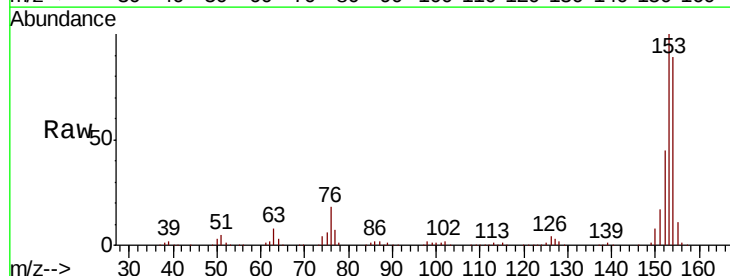


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

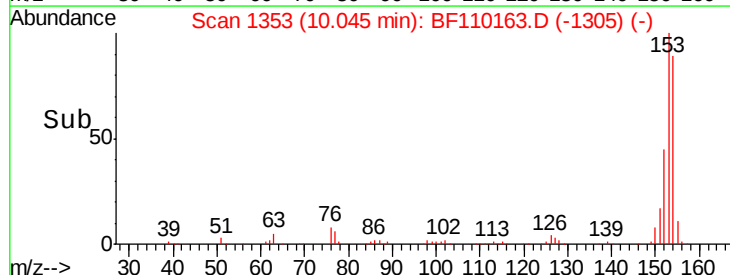
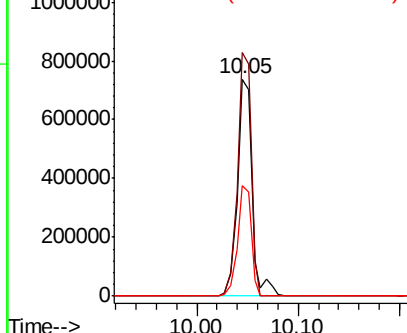


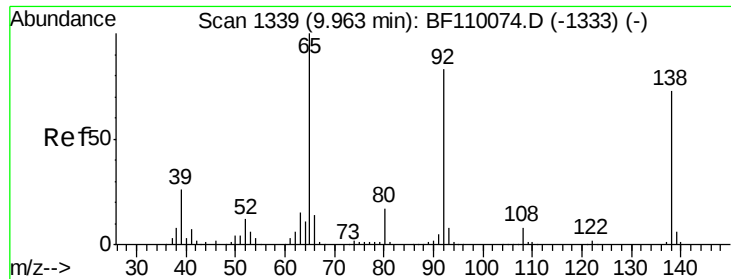
#52
 Acenaphthene
 Concen: 38.516 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Tgt Ion:154 Resp: 736179
 Ion Ratio Lower Upper
 154 100
 153 112.3 90.1 135.1
 152 50.7 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

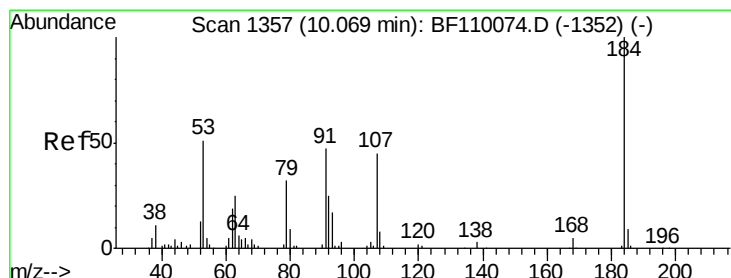
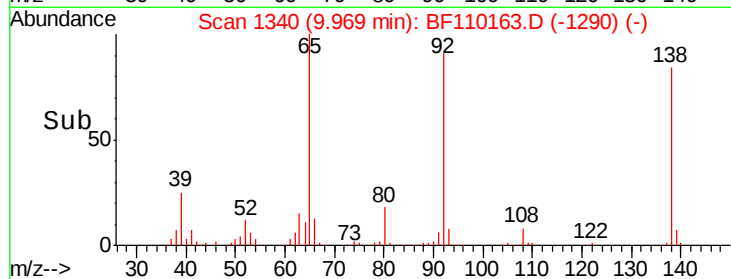
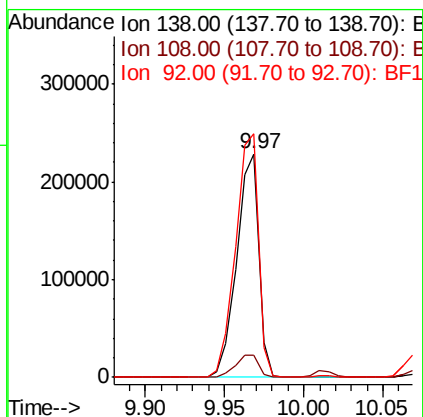
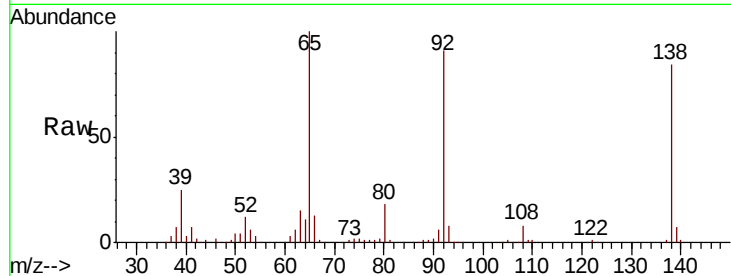




#53
3-Nitroaniline
Concen: 38.829 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

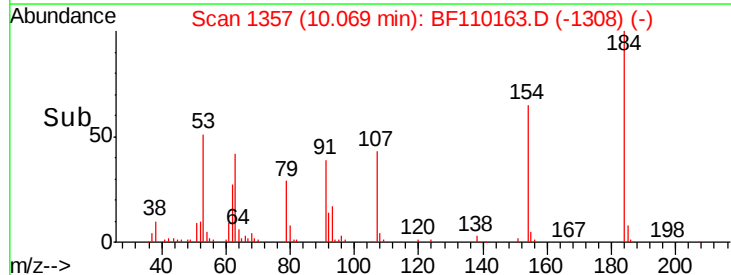
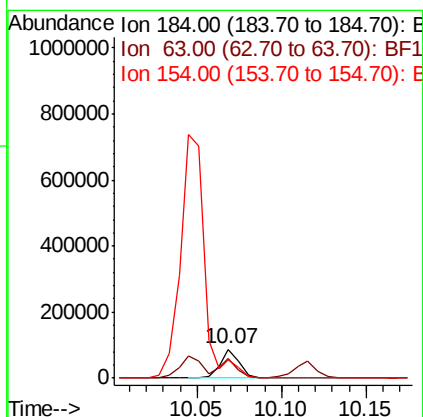
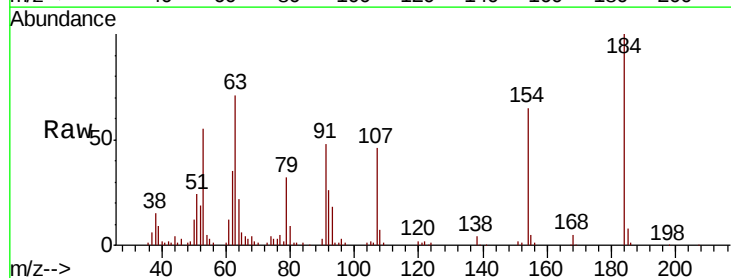
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 221408
Ion Ratio Lower Upper
138 100
108 9.8 8.7 13.1
92 108.8 97.0 145.4



#54
2,4-Dinitrophenol
Concen: 39.191 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion:184 Resp: 69210
Ion Ratio Lower Upper
184 100
63 70.5 55.8 83.6
154 64.7 63.2 94.8

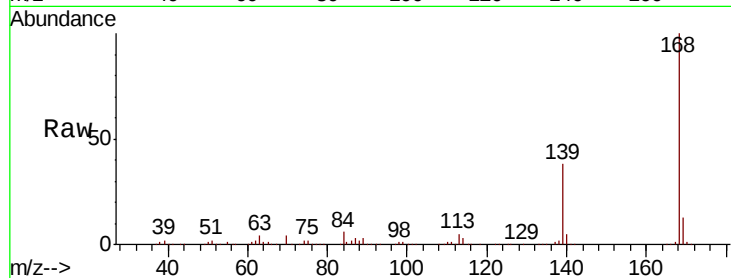




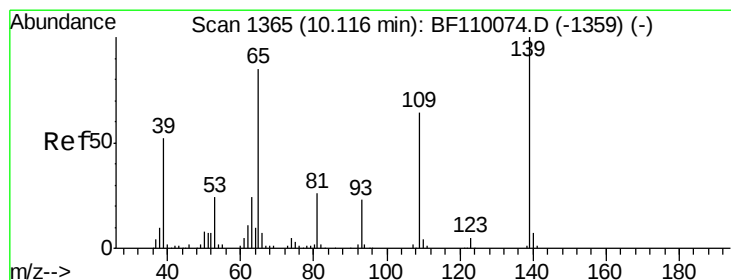
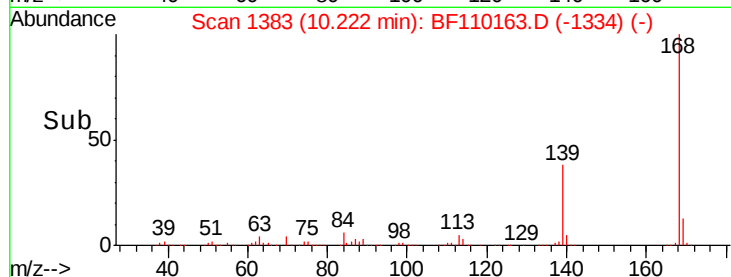
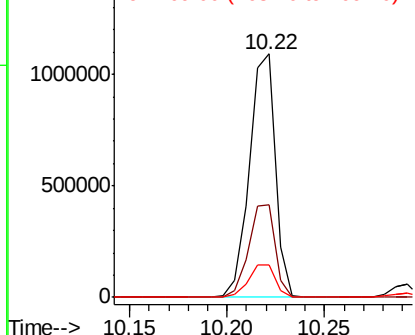
#55
Dibenzofuran
Concen: 37.680 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1008338
Ion Ratio Lower Upper
168 100
139 37.9 33.0 49.6
169 13.2 11.3 16.9

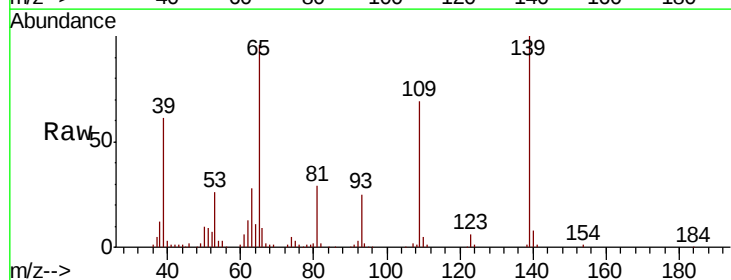


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

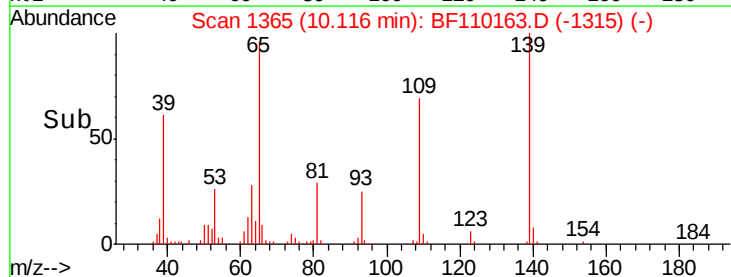
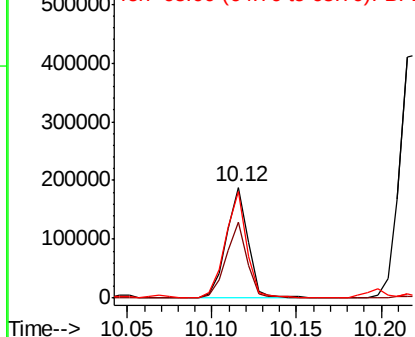


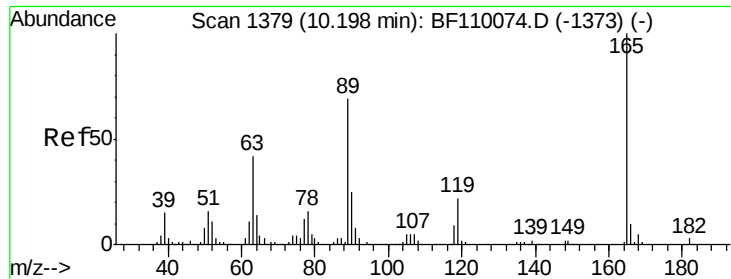
#56
4-Nitrophenol
Concen: 39.694 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion:139 Resp: 167520
Ion Ratio Lower Upper
139 100
109 69.0 55.8 95.8
65 96.2 77.9 117.9



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

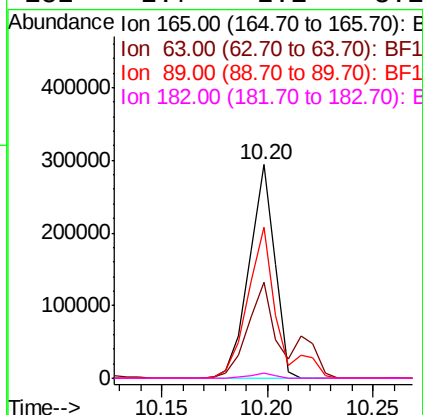
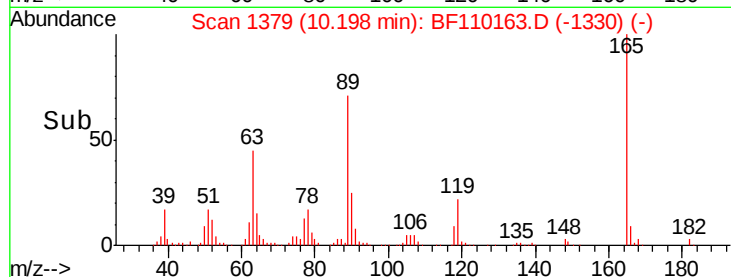
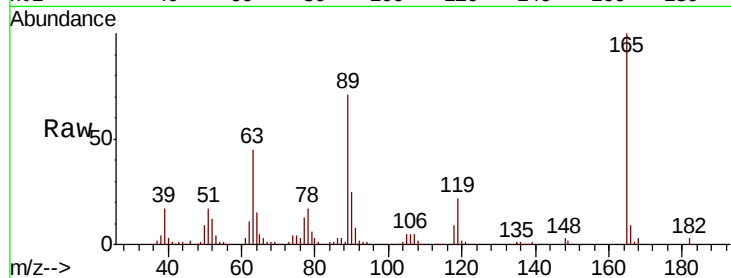




#57
2,4-Dinitrotoluene
Concen: 40.891 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

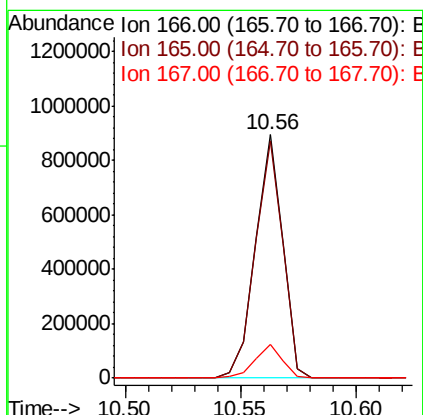
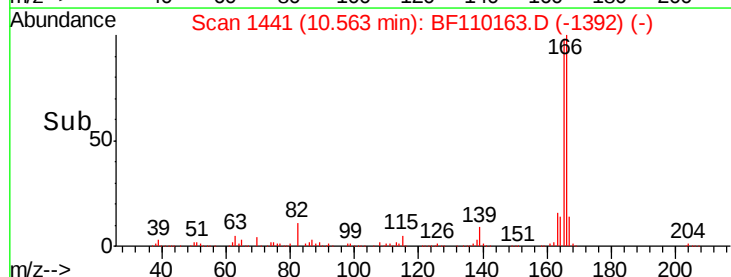
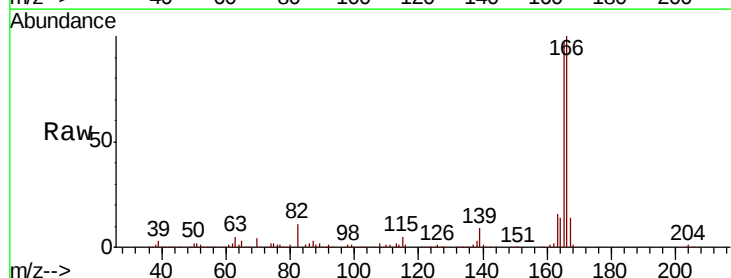
Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	249048
Ion Ratio	Lower	Upper
165	100	
63	44.8	44.8 67.2
89	70.7	62.2 93.4
182	2.7	2.1 3.1



#58
Fluorene
Concen: 37.309 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion:166	Resp:	743068
Ion Ratio	Lower	Upper
166	100	
165	97.4	78.6 117.8
167	13.7	10.8 16.2

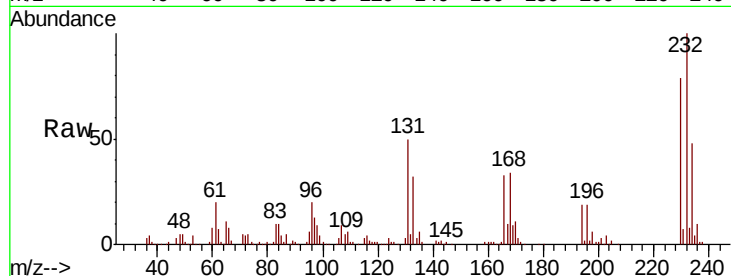




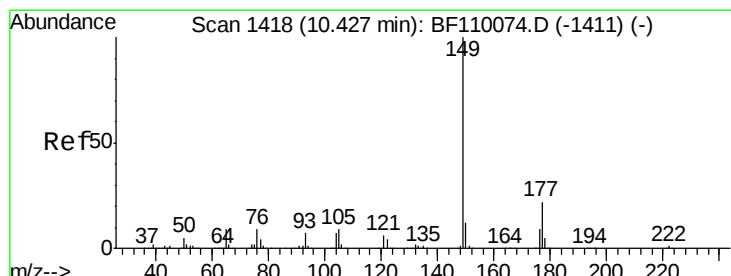
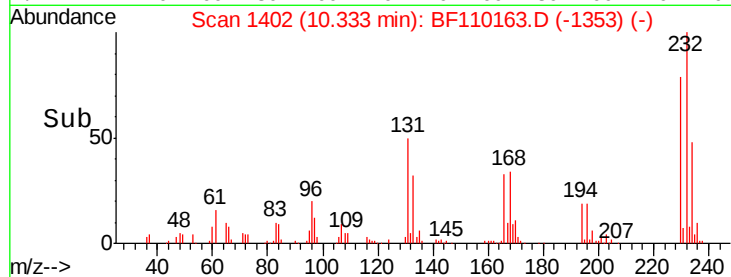
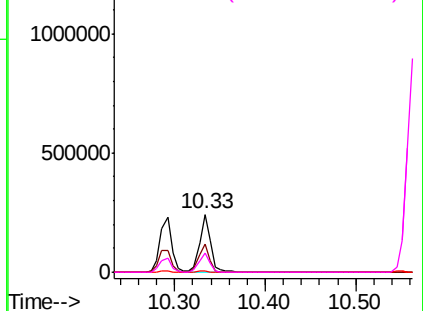
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.573 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	232	Resp:	201406
Ion	Ratio	Lower	Upper
232	100		
131	47.2	37.0	55.4
130	2.5	1.8	2.6
166	32.8	22.0	33.0

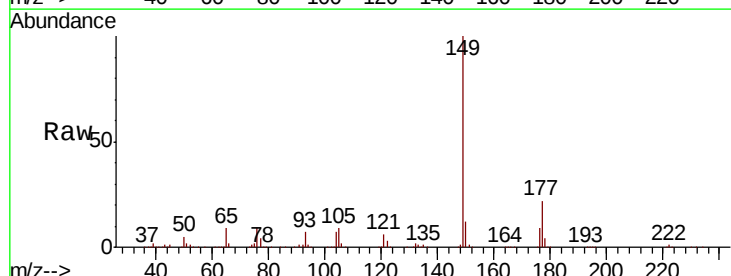


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

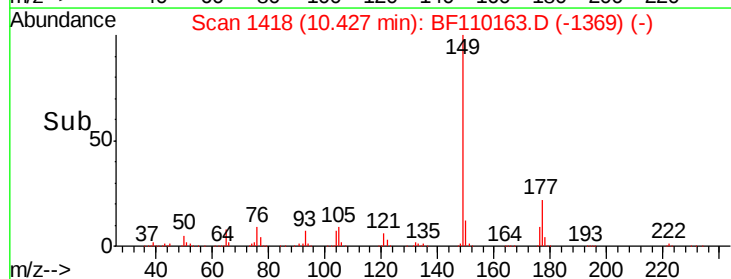
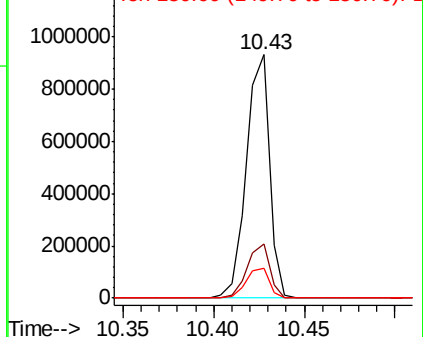


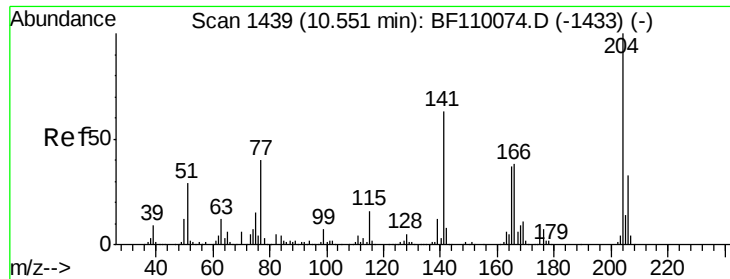
#60
Diethylphthalate
Concen: 38.077 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion:	149	Resp:	827408
Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.4	26.2
150	12.3	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

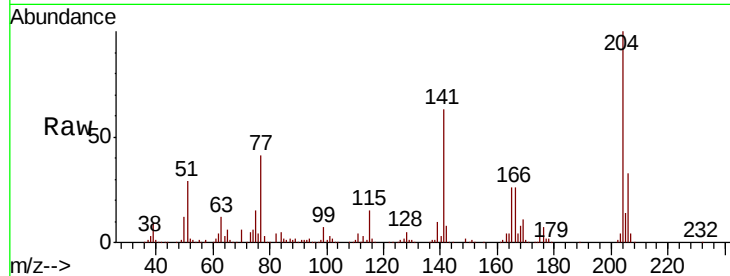




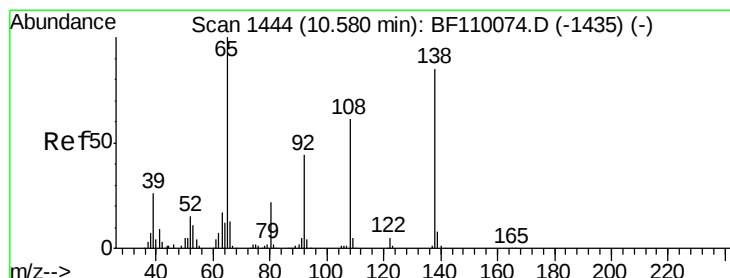
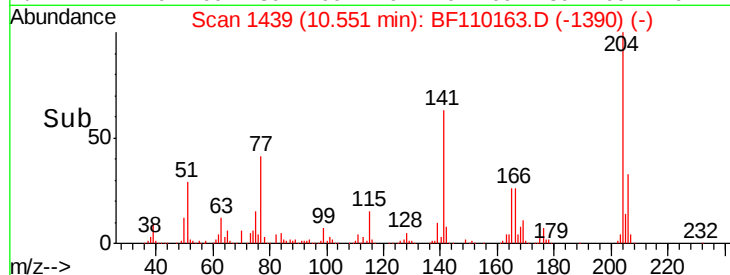
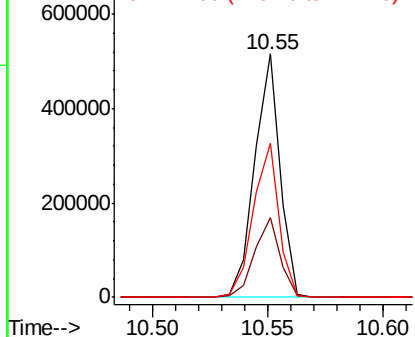
#61
 4-Chlorophenyl-phenylether
 Concen: 37.834 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	63.5	51.8	77.8

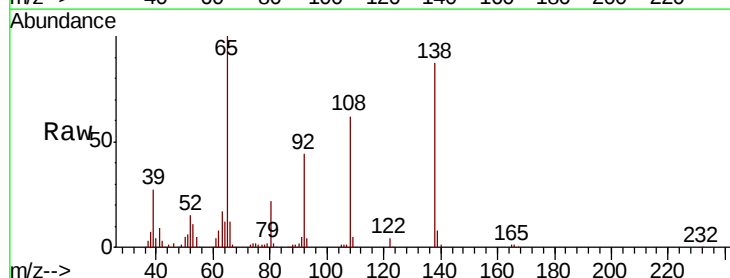


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

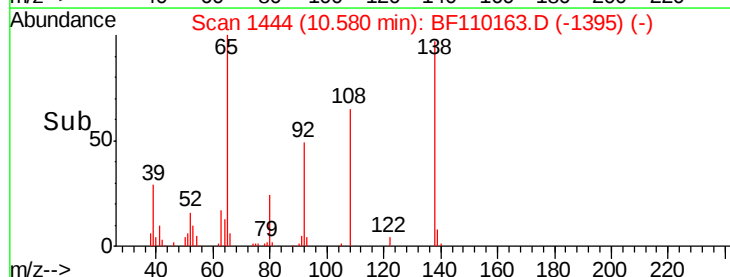
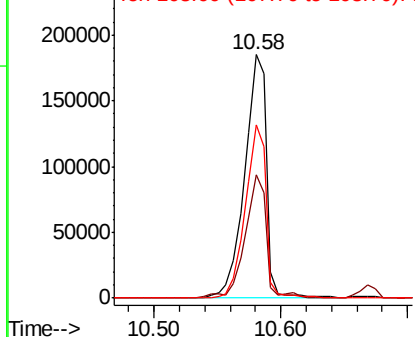


#62
 4-Nitroaniline
 Concen: 38.958 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	31.7	71.7
108	71.4	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: 37.578 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 810540

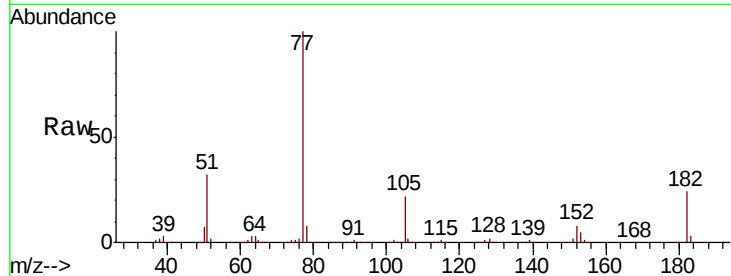
Ion Ratio Lower Upper

77 100

182 23.7 4.3 44.3

105 22.3 1.3 41.3

51 32.1 9.0 49.0

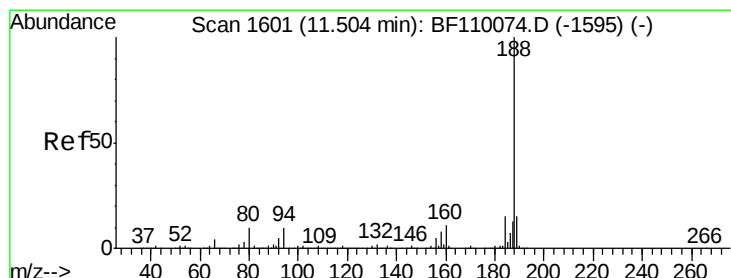
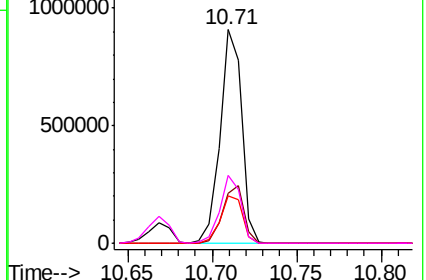
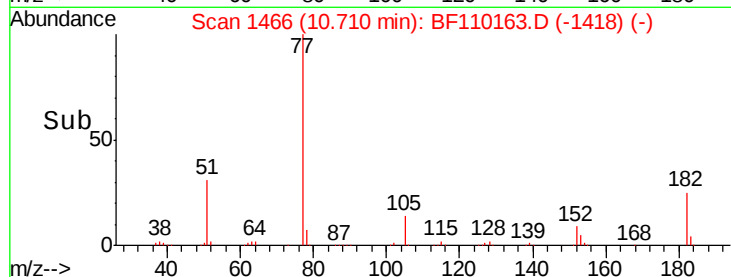


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

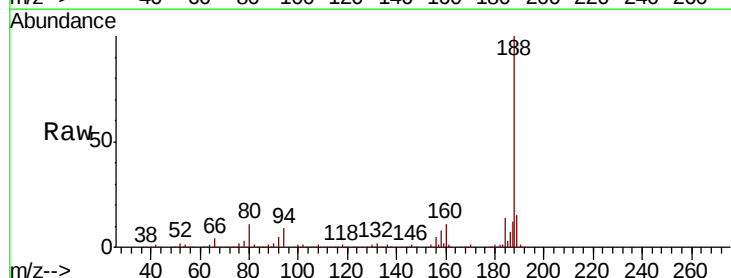
Tgt Ion: 188 Resp: 560544

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

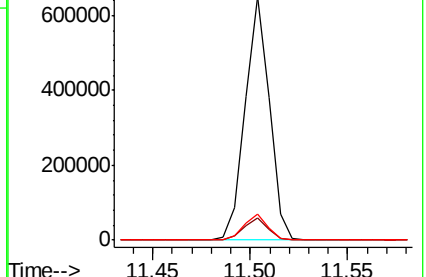
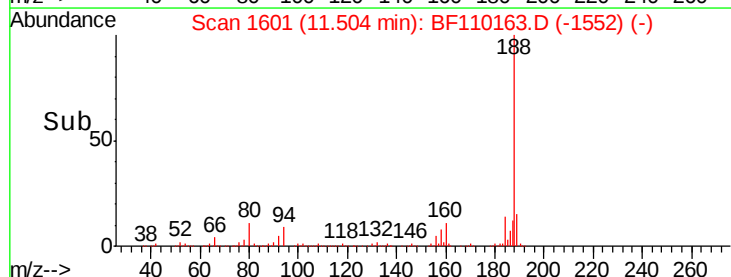
80 10.5 7.9 11.9

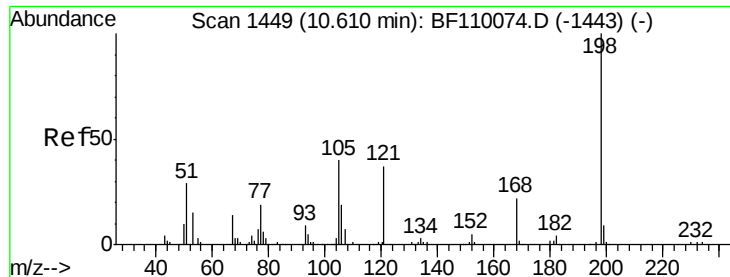


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

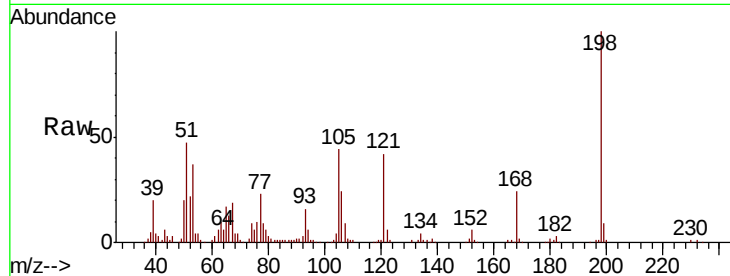




#65
4,6-Dinitro-2-methylphenol
Concen: 39.920 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	47.5	22.8	62.8
105	44.5	23.6	63.6

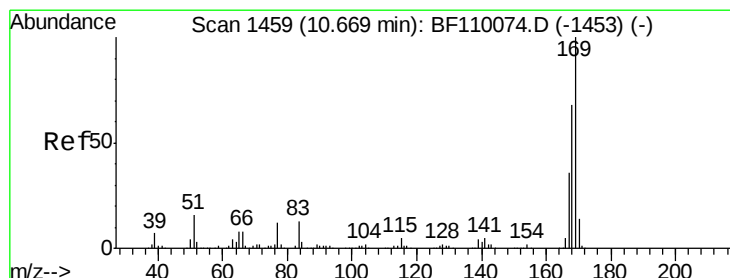
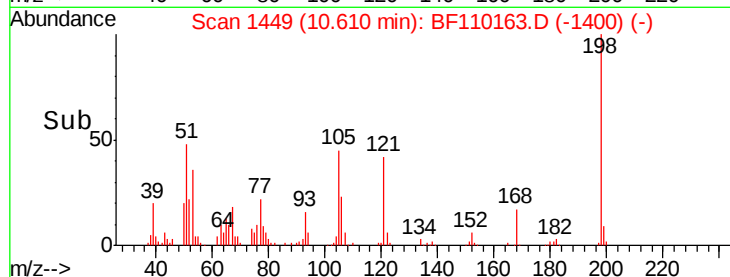
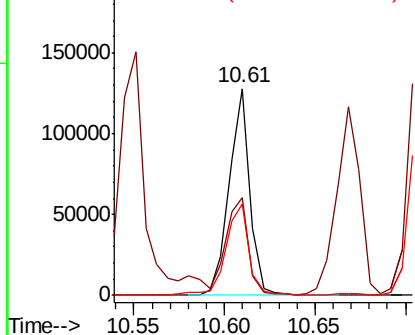


Abundance

Ion 198.00 (197.70 to 198.70): E

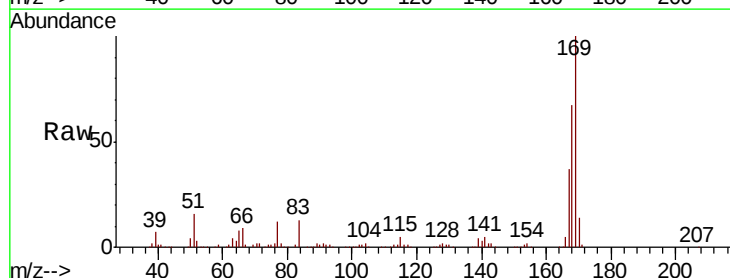
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 38.870 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	51.2	76.8
167	36.6	27.8	41.6

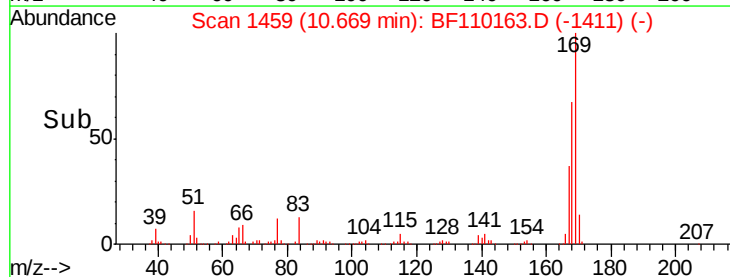
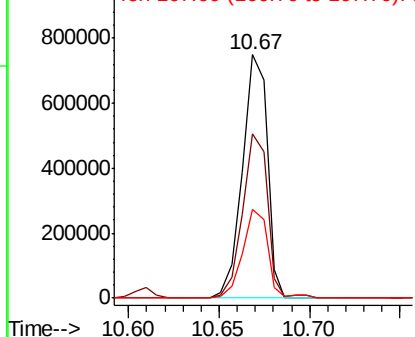


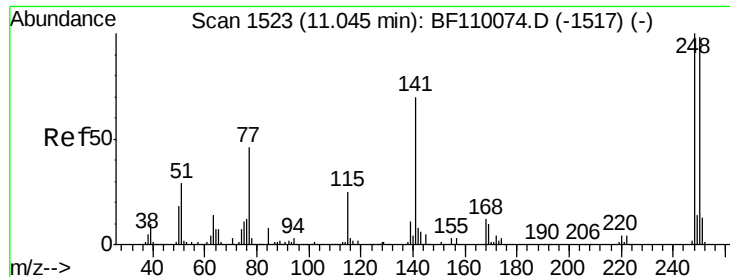
Abundance

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

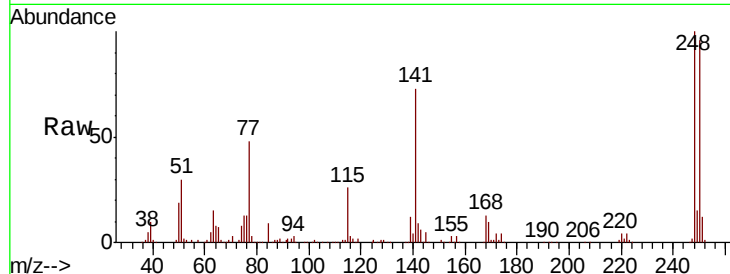




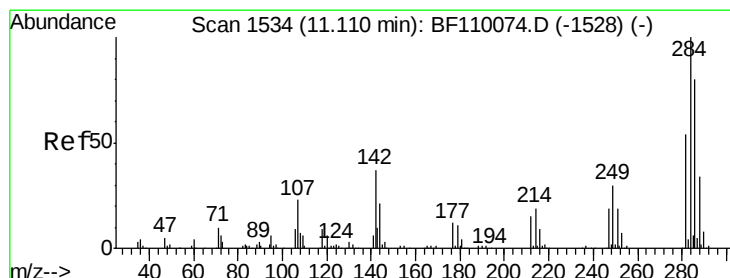
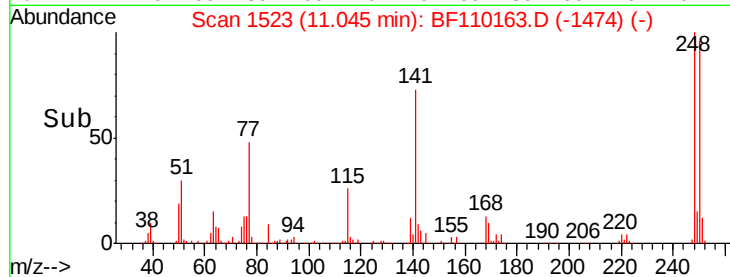
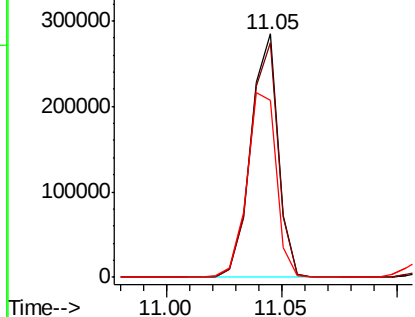
#67
4-Bromophenyl-phenylether
Concen: 38.895 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 236491
Ion Ratio Lower Upper
248 100
250 96.2 79.4 119.2
141 72.5 55.9 83.9

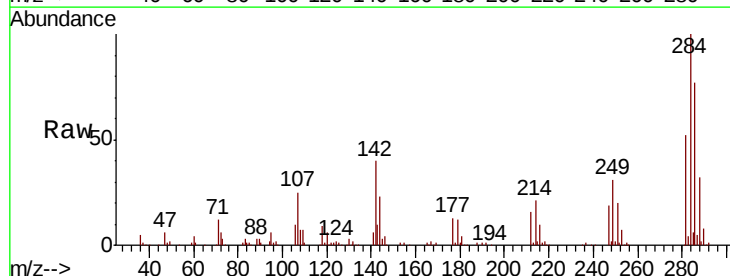


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

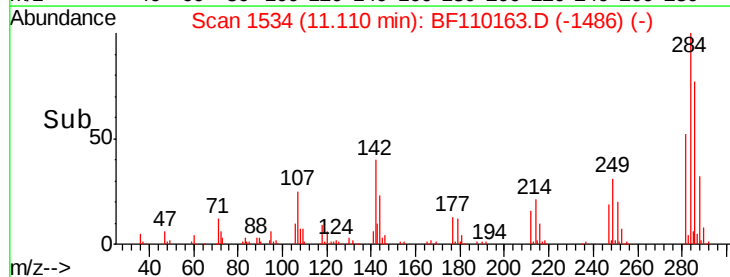
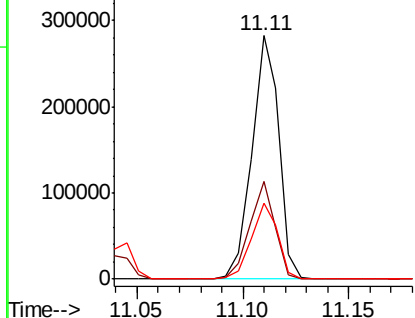


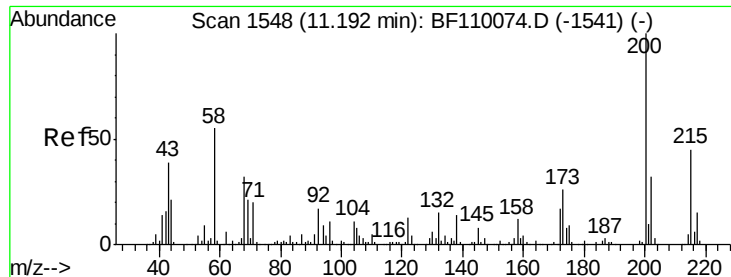
#68
Hexachlorobenzene
Concen: 38.729 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion:284 Resp: 249852
Ion Ratio Lower Upper
284 100
142 39.9 23.9 35.9#
249 31.0 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

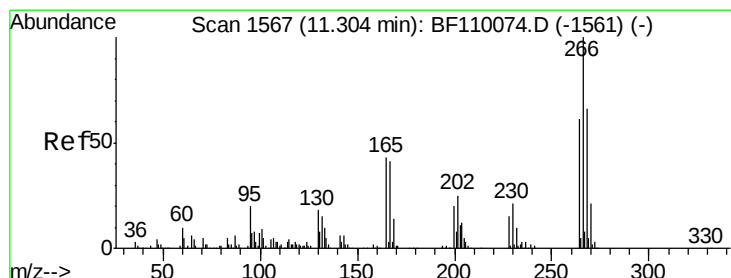
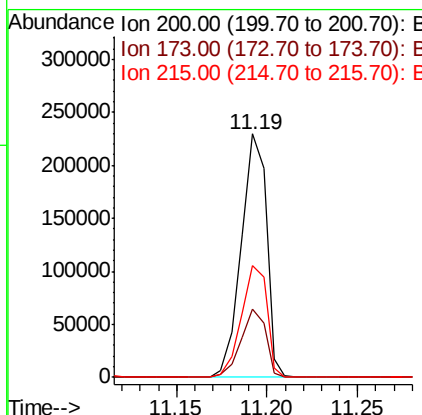
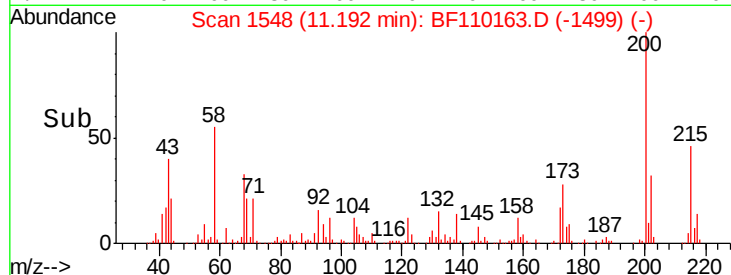
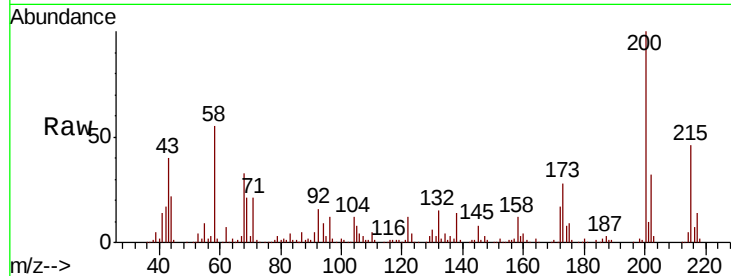




#69
 Atrazine
 Concen: 38.412 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

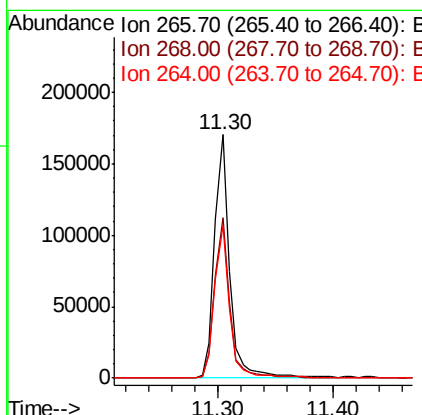
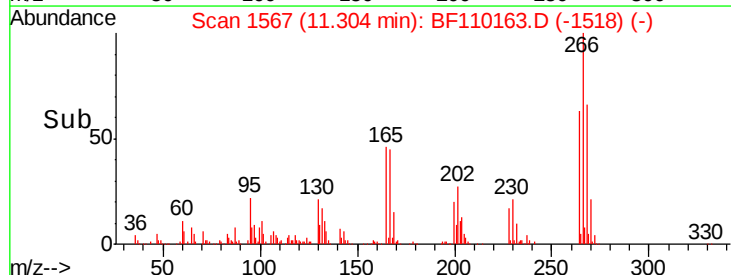
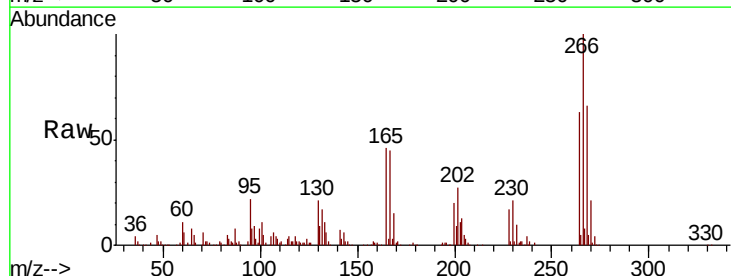
Instrument :
 BNA_F
 ClientSampleId :

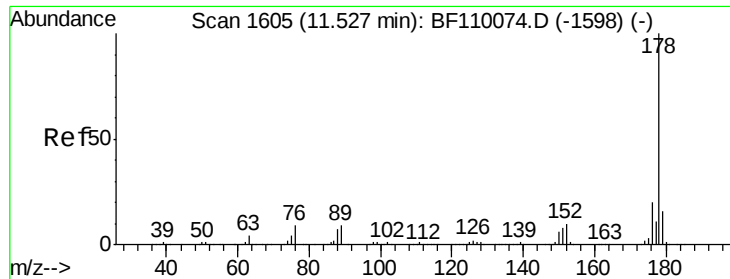
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.6	46.6
215	45.8	26.3	66.3



#70
 Pentachlorophenol
 Concen: 41.582 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.1	50.6	75.8
264	62.8	50.6	75.8





#71

Phenanthrene

Concen: 37.703 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

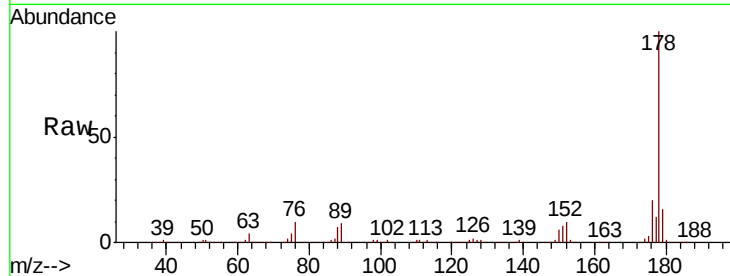
Tot Ion:178 Resp: 1105854

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

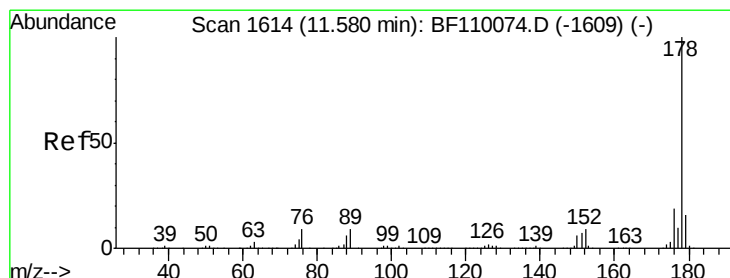
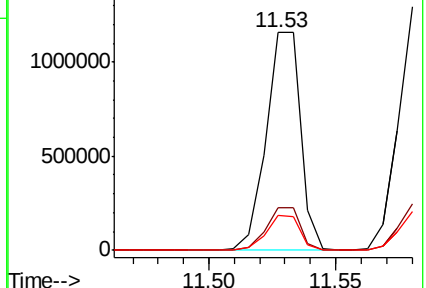
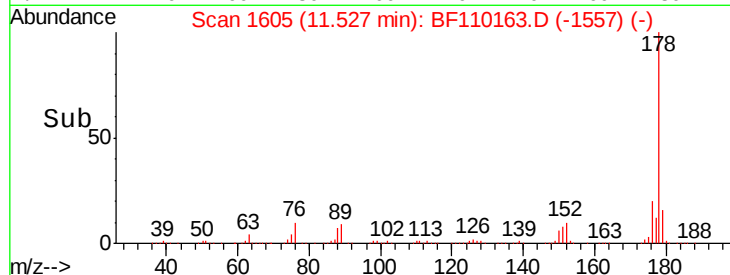
179 16.0 12.5 18.7



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: 38.396 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

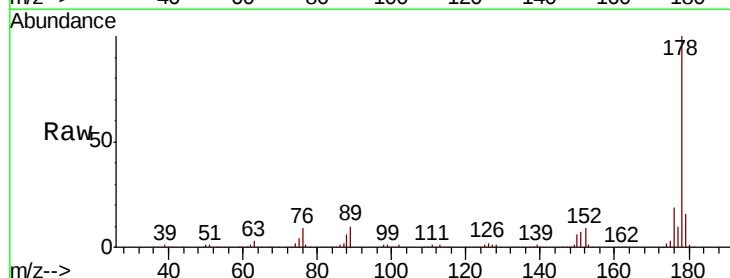
Tgt Ion:178 Resp: 1128788

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

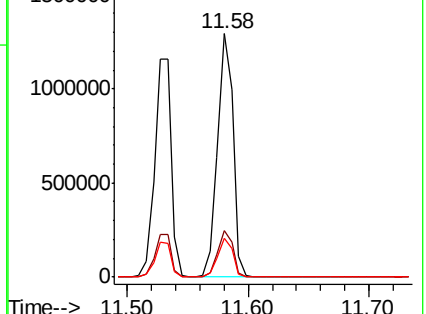
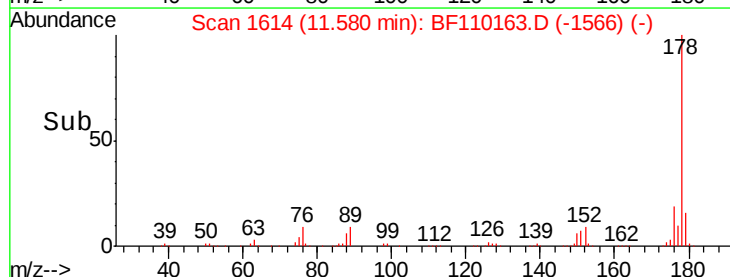
179 15.7 12.6 18.8



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



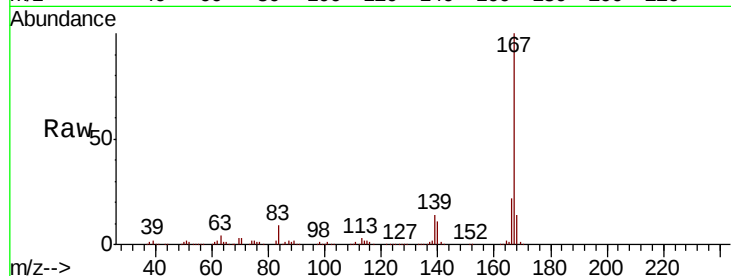


#73
 Carbazole
 Concen: 38.065 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

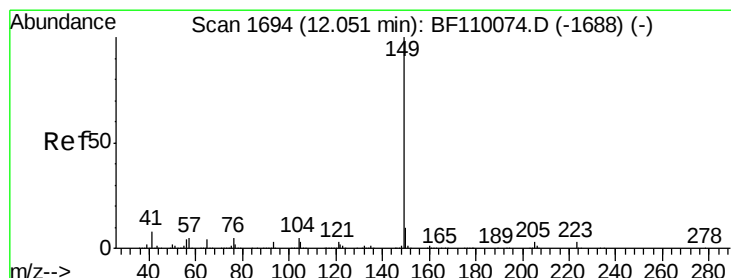
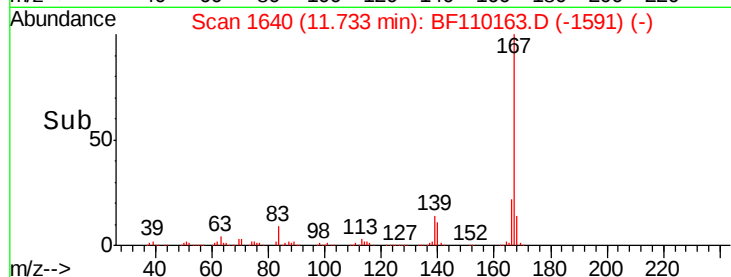
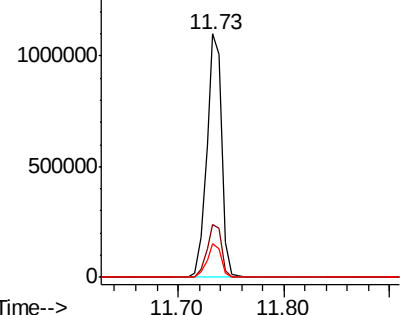
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 1092657

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.8	10.9	16.3



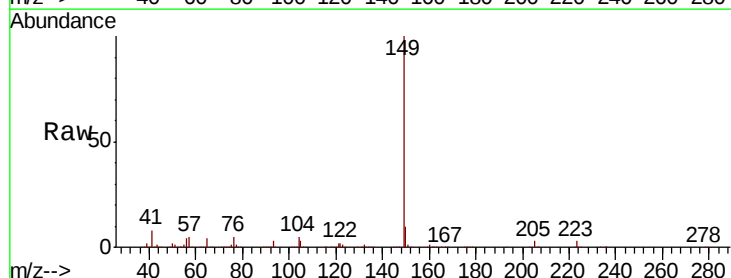
Abundance Ion 167.00 (166.70 to 167.70): E
 1500000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



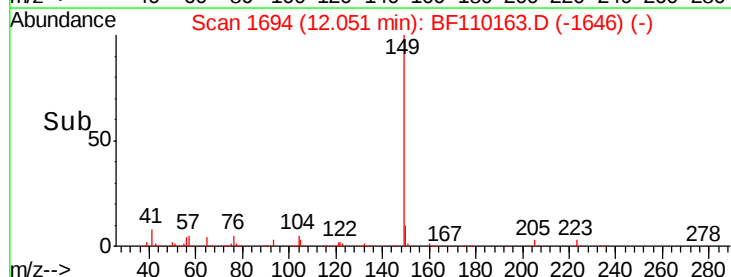
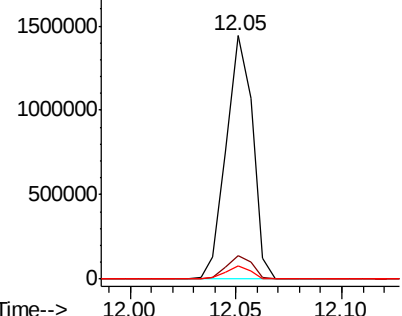
#74
 Di-n-butylphthalate
 Concen: 38.487 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110163.D
 Acq: 25 Oct 2018 16:27

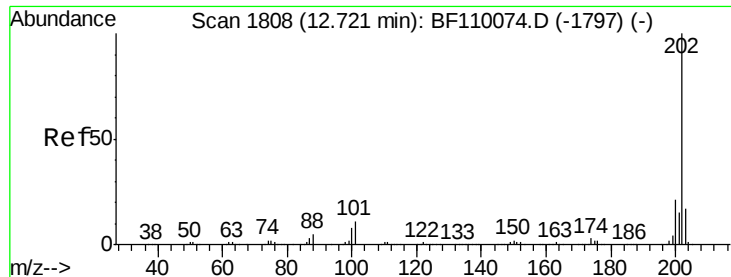
Tgt Ion:149 Resp: 1247733

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.2	4.2	6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 2000000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.089 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

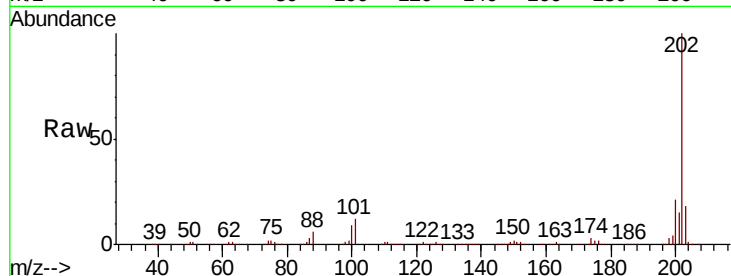
Tot Ion:202 Resp: 1104017

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.4
203	17.7	0.0	37.7

202 100

101 11.6 0.0 31.4

203 17.7 0.0 37.7

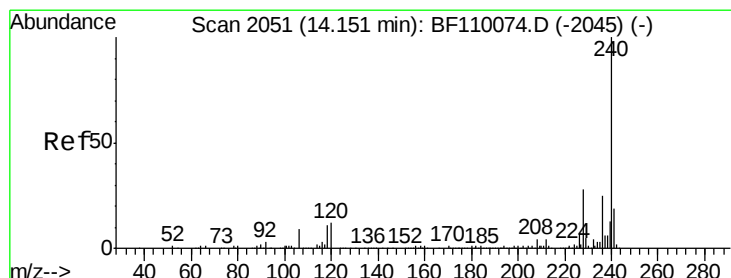
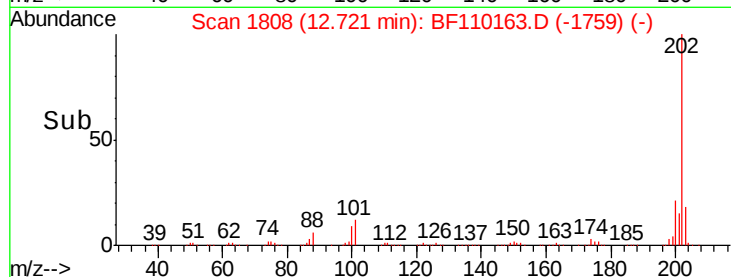
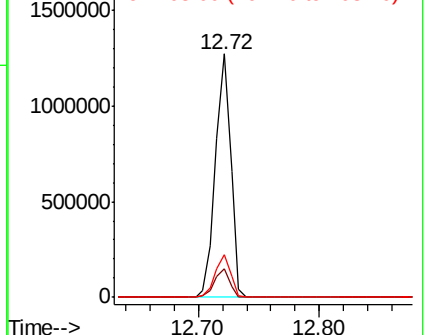


Abundance

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: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

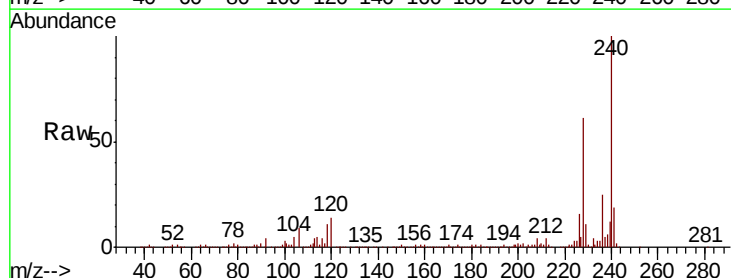
Tgt Ion:240 Resp: 386589

Ion	Ratio	Lower	Upper
240	100		
120	13.6	8.3	12.5#
236	25.0	21.2	31.8

240 100

120 13.6 8.3 12.5#

236 25.0 21.2 31.8

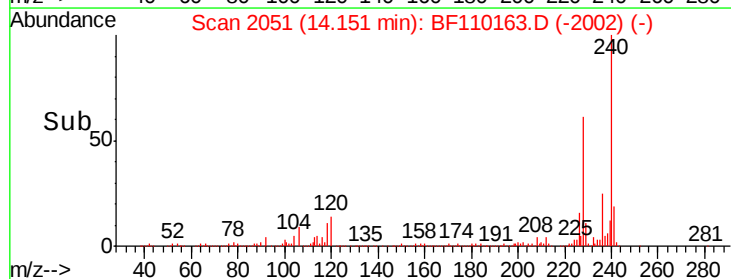
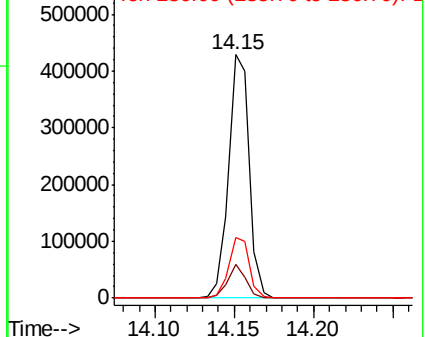


Abundance

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: 48.046 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

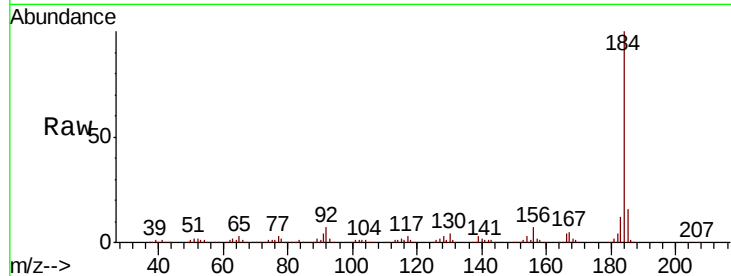
Tot Ion:184 Resp: 504919

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.2

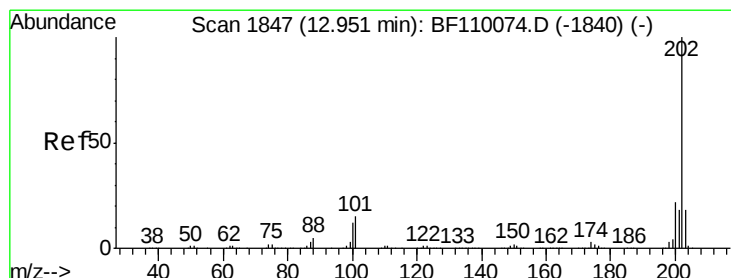
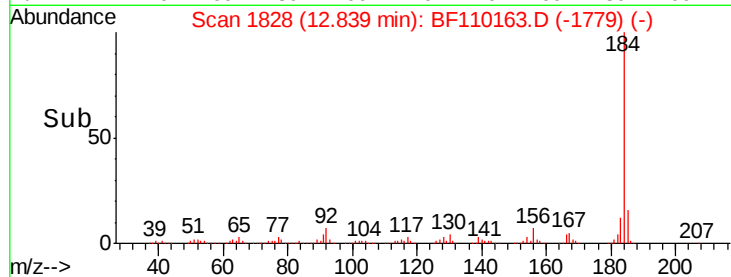
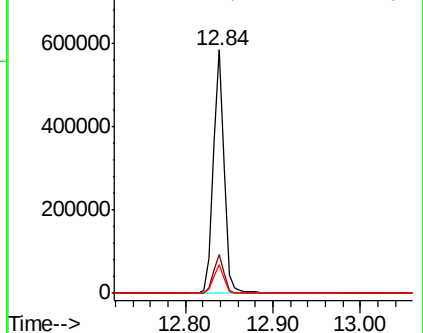
183 11.7 9.4 14.2



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

Pyrene

Concen: 40.621 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

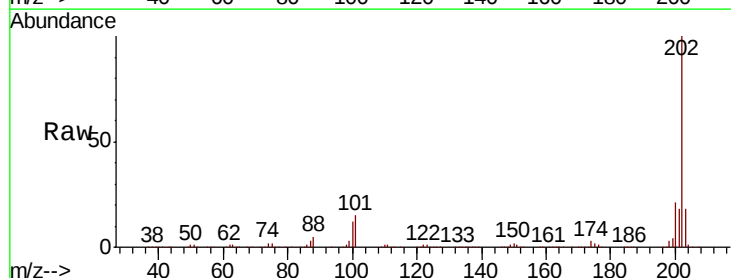
Tgt Ion:202 Resp: 1125804

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.6

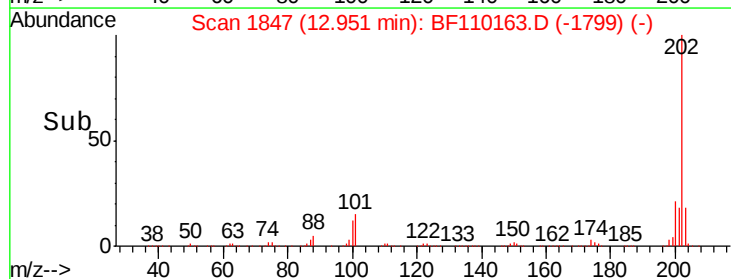
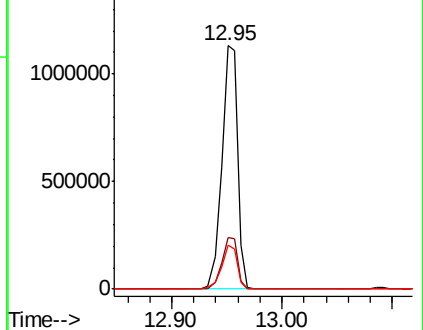
203 18.0 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.495 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

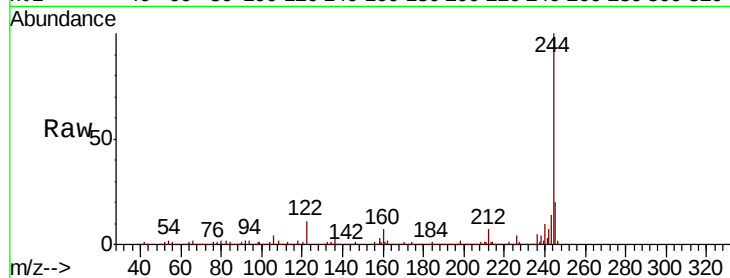
Tot Ion:244 Resp: 1496290

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.2	8.7	13.1

244 100

212 6.8 5.8 8.8

122 11.2 8.7 13.1

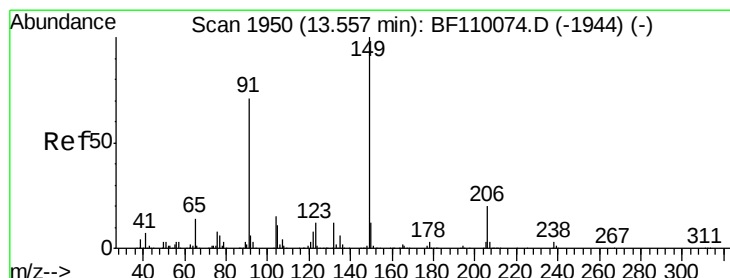
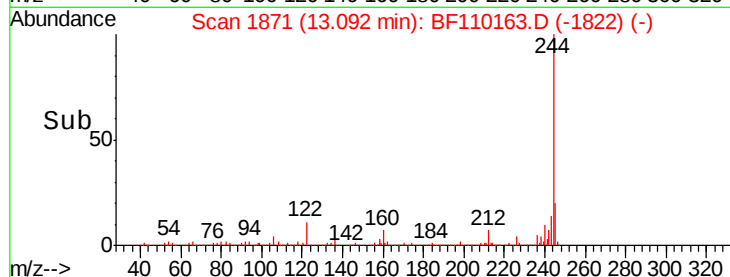
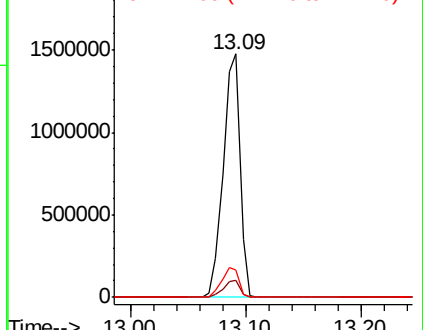


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.915 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

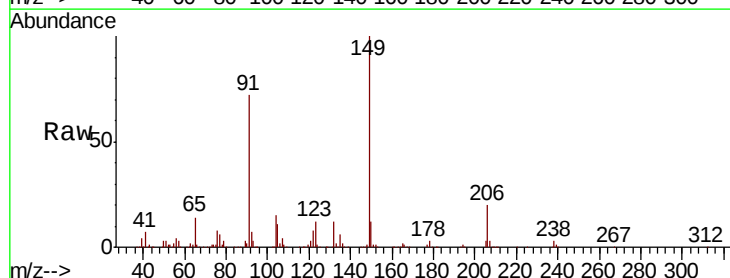
Tgt Ion:149 Resp: 480164

Ion	Ratio	Lower	Upper
149	100		
91	72.3	57.2	85.8
206	19.8	15.7	23.5

149 100

91 72.3 57.2 85.8

206 19.8 15.7 23.5

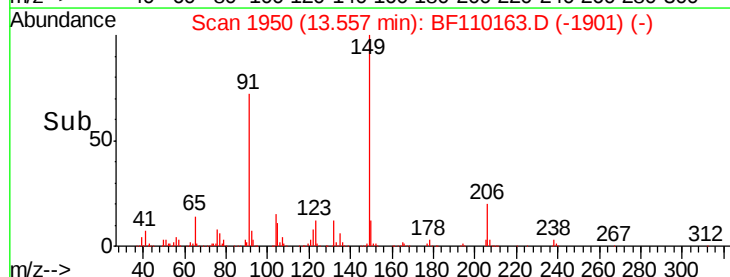
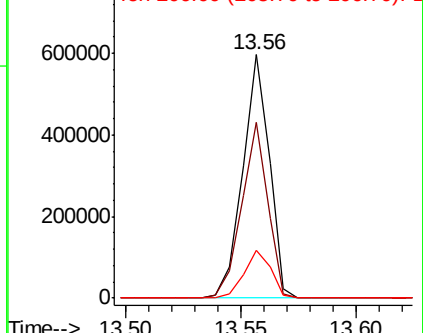


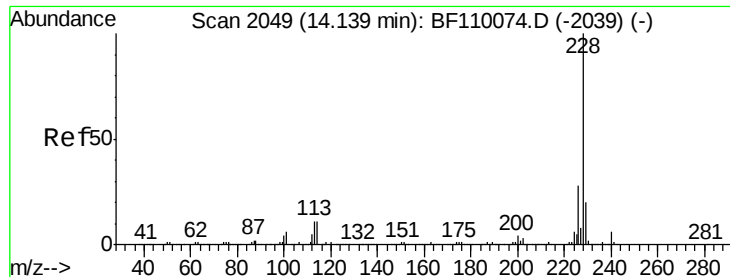
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.444 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampled :

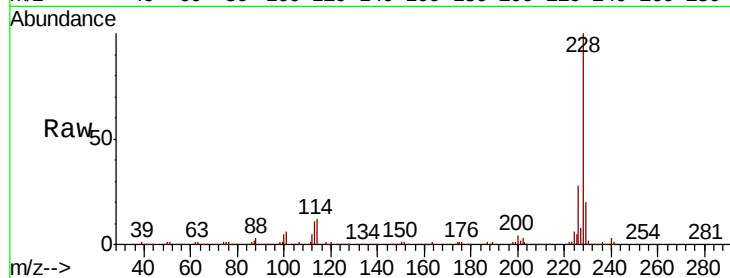
Tot Ion:228 Resp: 881356

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

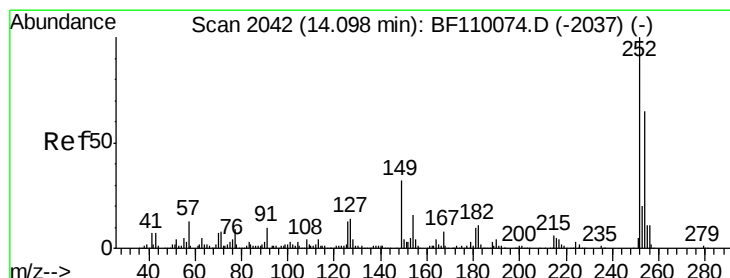
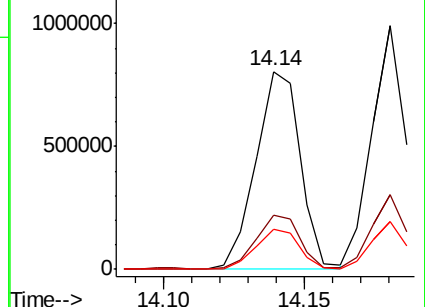
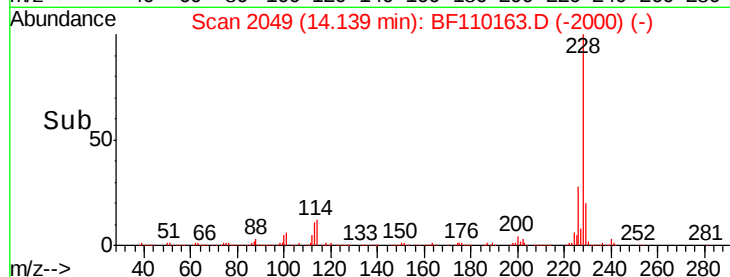
229 20.4 15.6 23.4



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



#82

3,3'-Dichlorobenzidine

Concen: 38.006 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

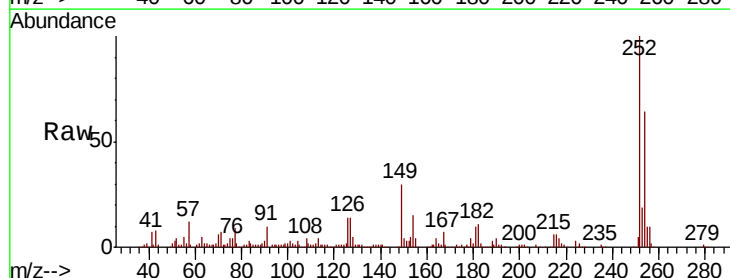
Tgt Ion:252 Resp: 303406

Ion Ratio Lower Upper

252 100

254 64.1 51.3 76.9

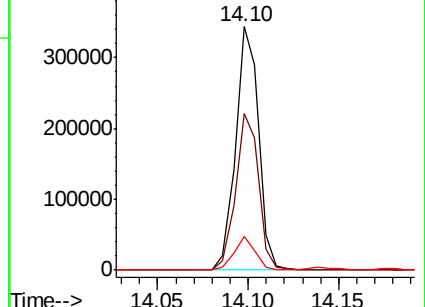
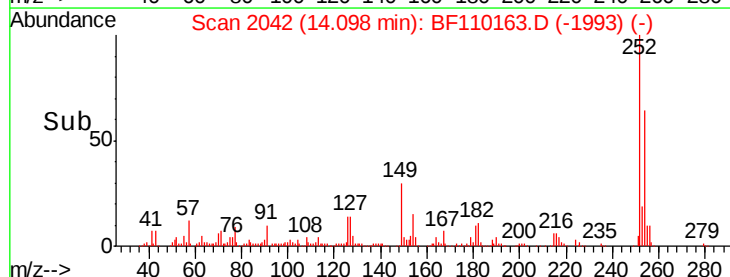
126 13.6 9.4 14.2

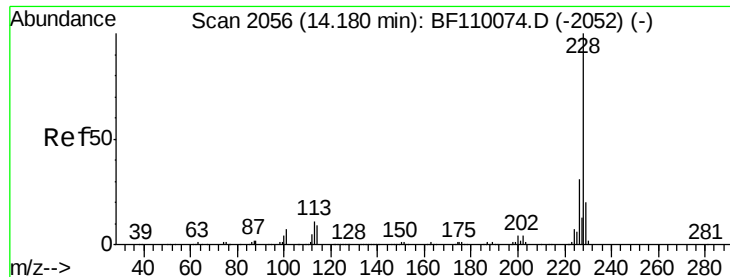


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.473 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

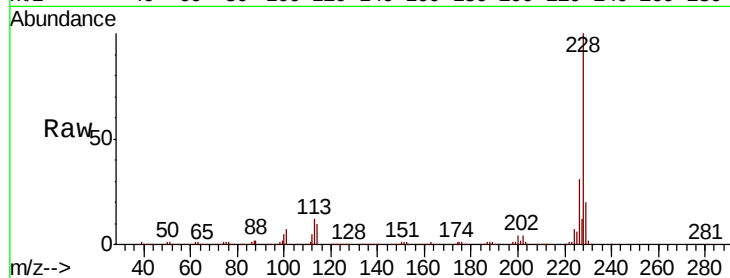
Tot Ion:228 Resp: 815960

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

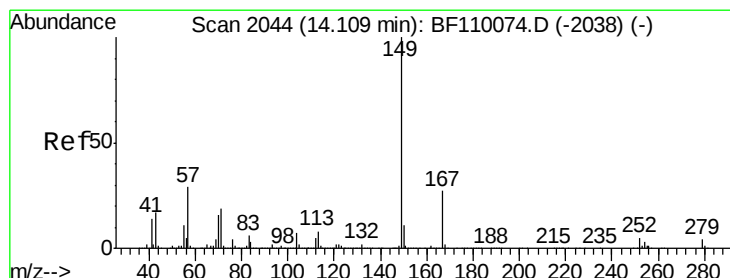
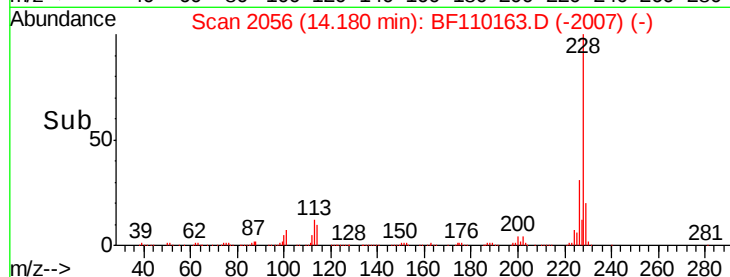
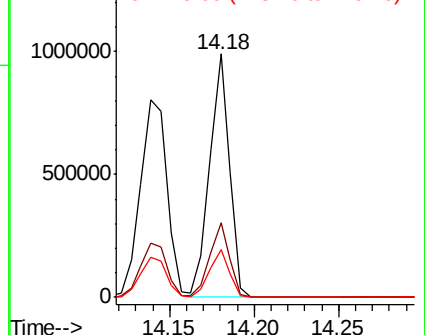
229 19.8 15.9 23.9



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: 37.514 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

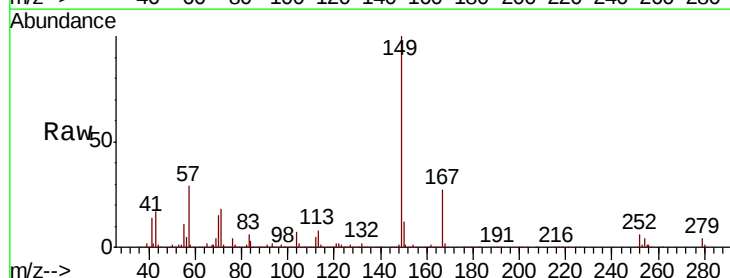
Tgt Ion:149 Resp: 610036

Ion Ratio Lower Upper

149 100

167 27.1 19.8 29.8

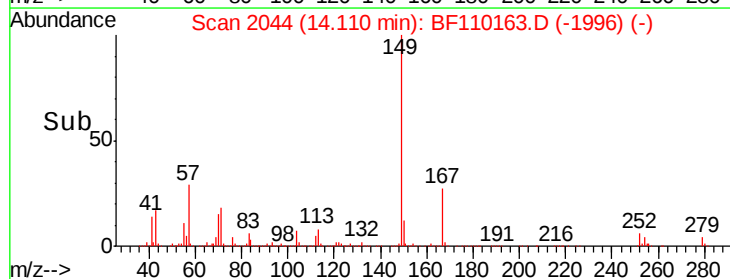
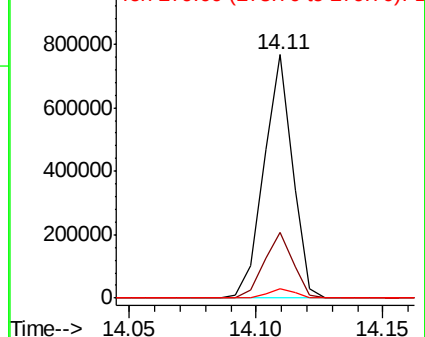
279 3.6 2.7 4.1



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: 35.547 ng

RT: 14.73 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

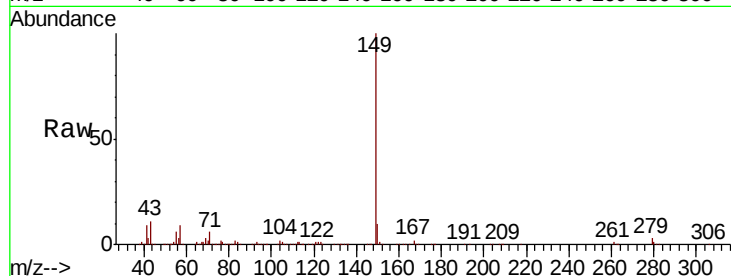
Tot Ion:149 Resp: 898811

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

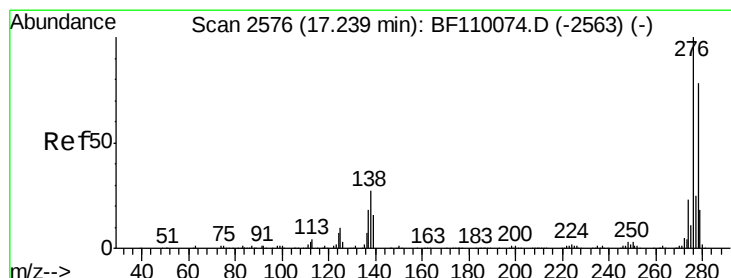
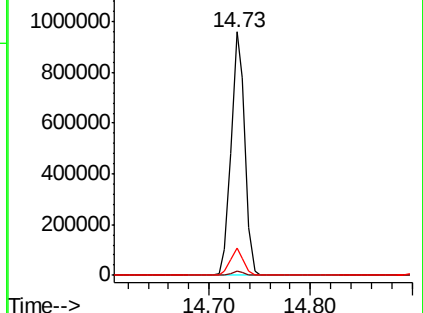
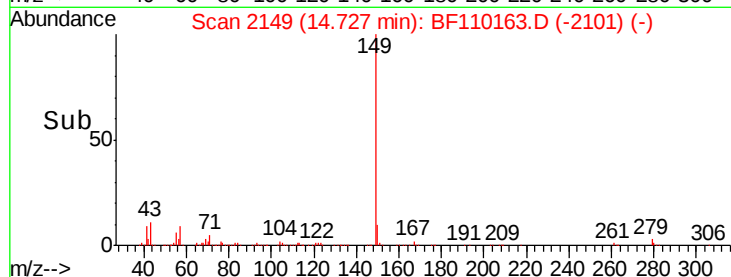
43 10.4 7.8 11.8



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: 35.659 ng

RT: 17.24 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

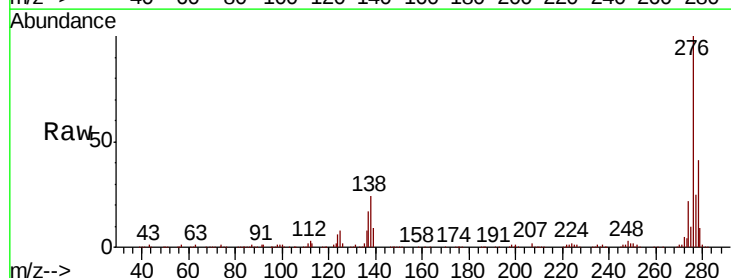
Tgt Ion:276 Resp: 644152

Ion Ratio Lower Upper

276 100

138 27.1 18.5 27.7

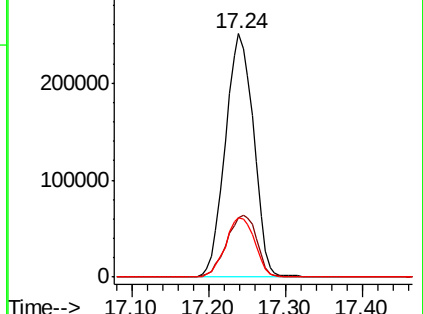
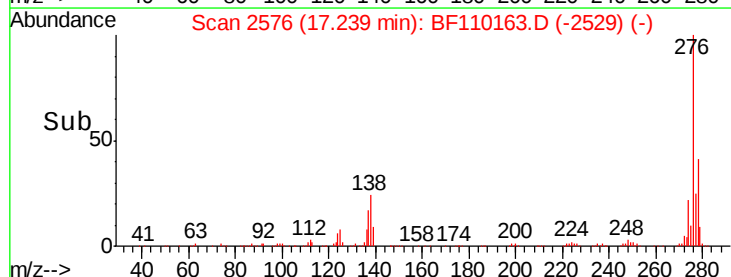
277 25.2 20.0 30.0



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

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

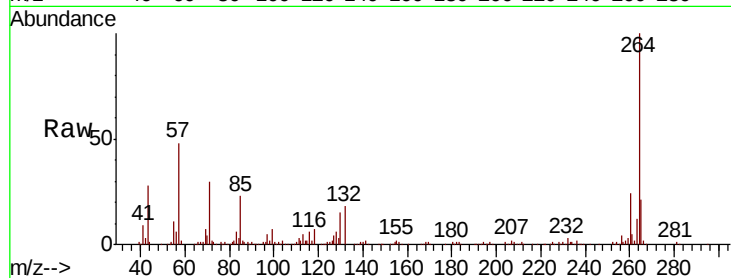
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 279506

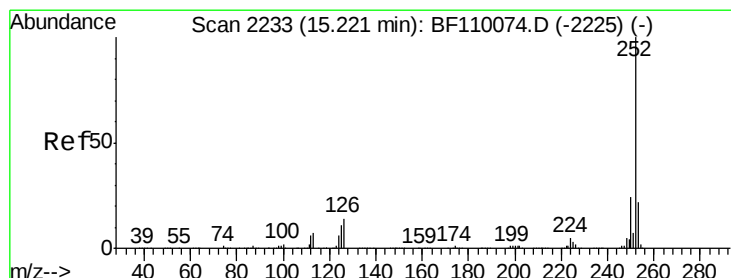
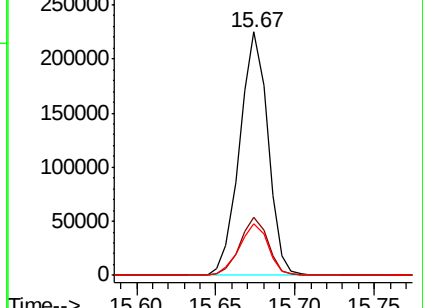
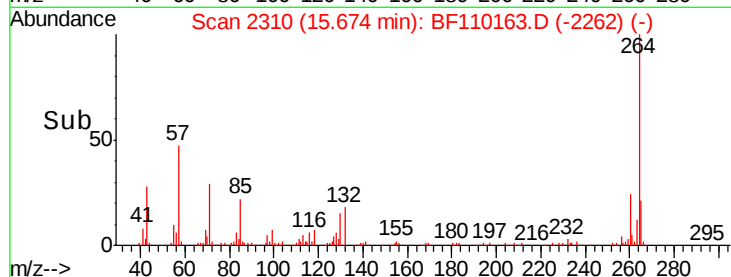
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.3	16.7	25.1



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: 38.873 ng

RT: 15.22 min Scan# 2233

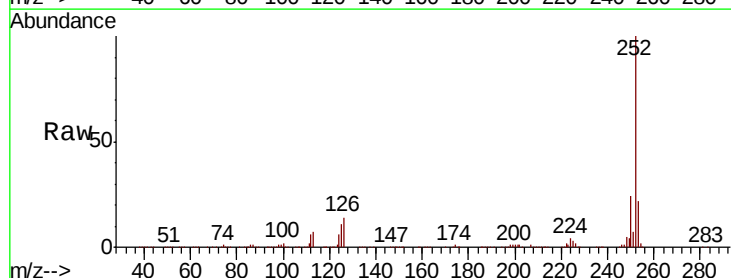
Delta R.T. -0.01 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Tgt Ion:252 Resp: 627425

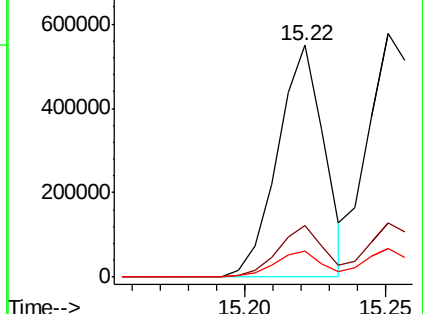
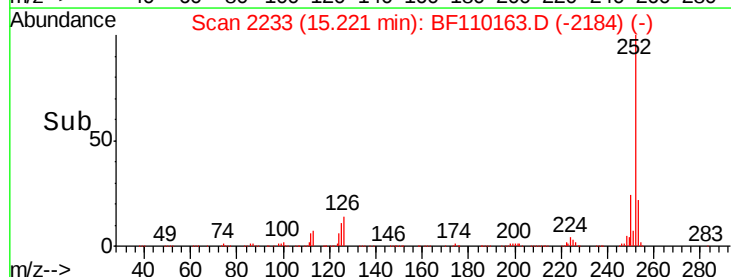
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.1	8.2	12.4

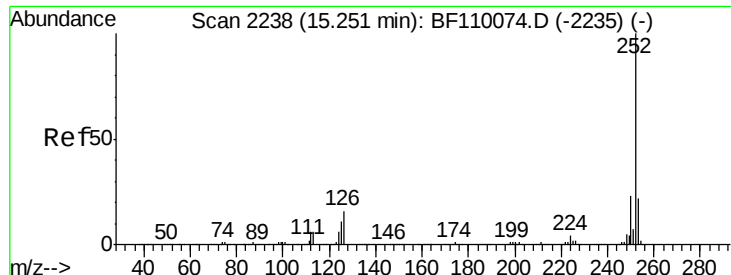


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

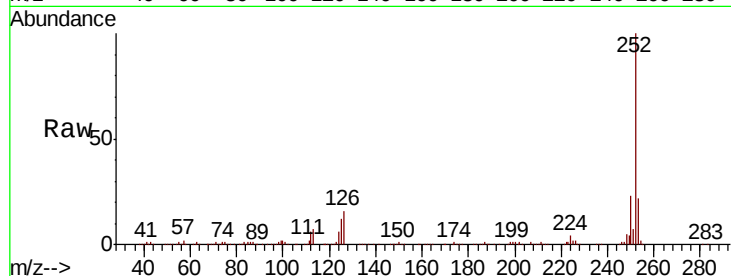




#89
Benzo(k)fluoranthene
Concen: 40.546 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	11.5	7.4	11.0

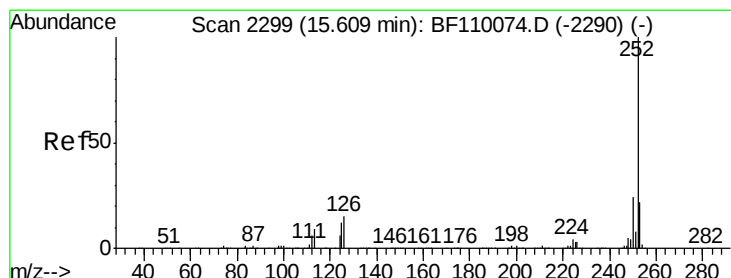
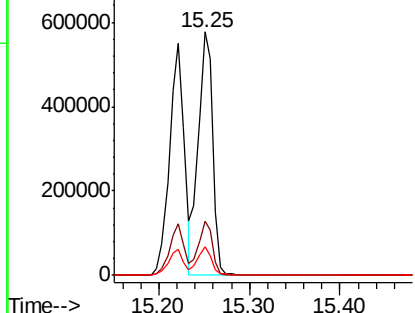
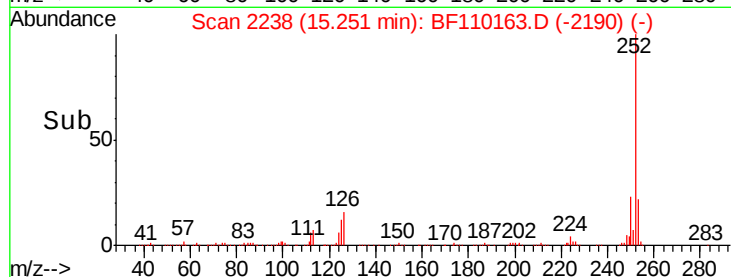


Abundance

Ion 252.00 (251.70 to 252.70): E

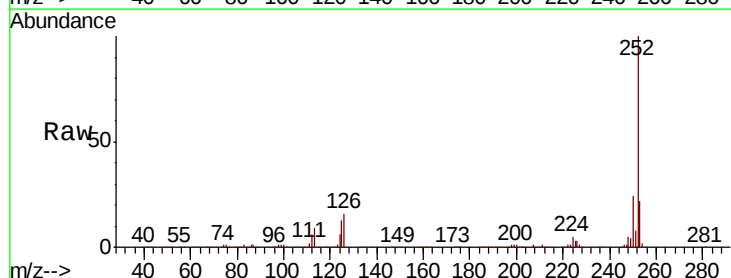
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 39.257 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF110163.D
Acq: 25 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	12.9	9.0	13.6

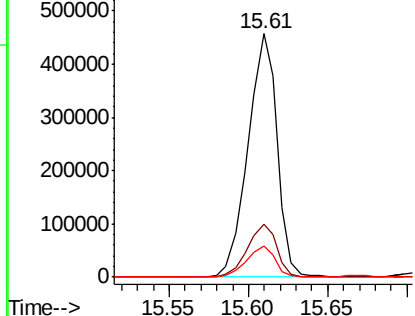
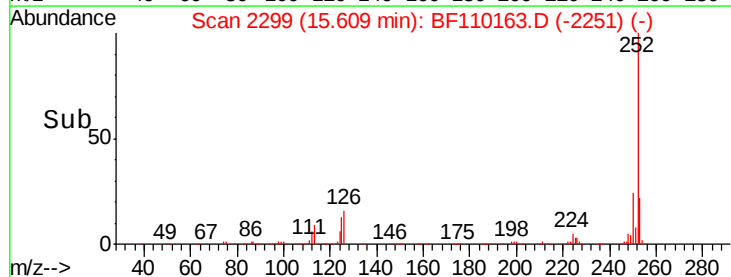


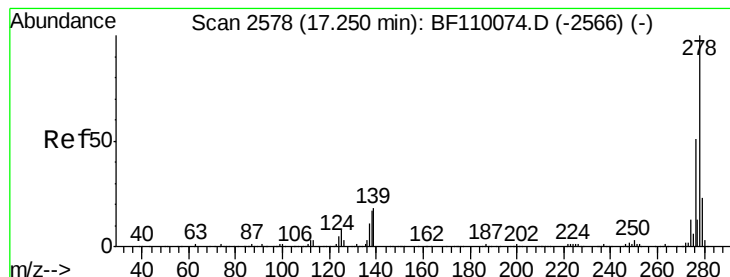
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.769 ng

RT: 17.26 min Scan# 2579

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

Instrument :

BNA_F

ClientSampleId :

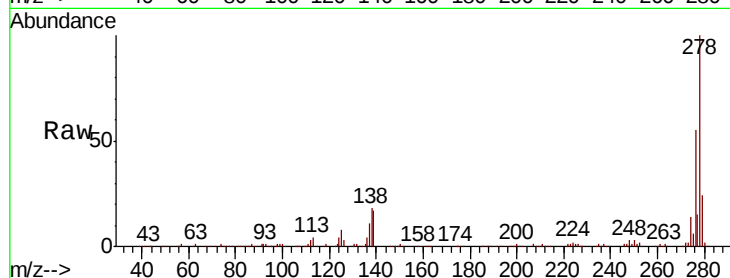
Tot Ion:278 Resp: 535264

Ion Ratio Lower Upper

278 100

139 16.9 12.7 19.1

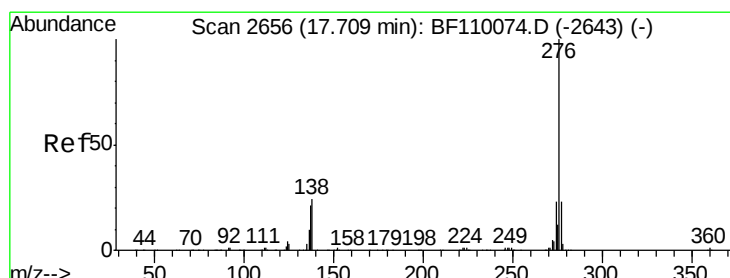
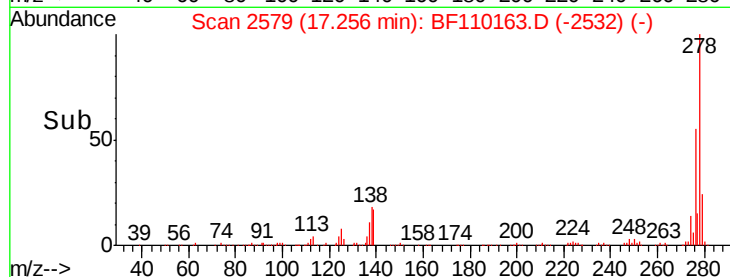
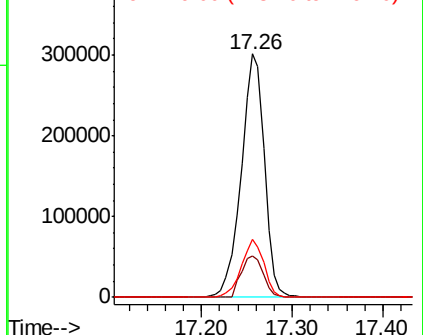
279 24.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.620 ng

RT: 17.72 min Scan# 2658

Delta R.T. -0.02 min

Lab File: BF110163.D

Acq: 25 Oct 2018 16:27

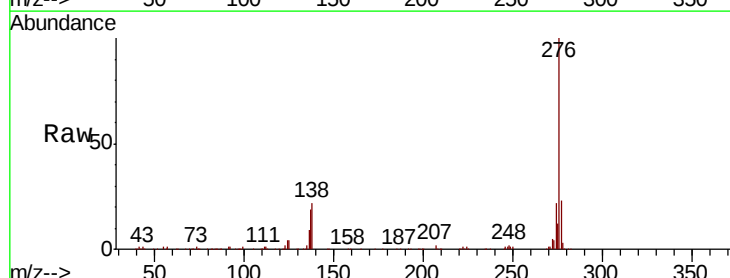
Tgt Ion:276 Resp: 538208

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 22.2 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

