

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108164.D
 Acq On : 15 Aug 2018 14:40
 Operator : JU/SJ
 Sample : PB111971BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 15 16:00:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	193970	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	771314	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	391278	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	784030	20.00	ng	0.00
75) Chrysene-d12	14.22	240	604235	20.00	ng	0.00
86) Perylene-d12	15.79	264	453522	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1485270	138.63	ng	0.04
7) Phenol-d6	6.65	99	2033503	142.83	ng	0.02
23) Nitrobenzene-d5	7.58	82	1081383	78.23	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	613726	157.25	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2066852	84.81	ng	0.00
78) Terphenyl-d14	13.15	244	2120564	89.23	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.05	88	200203	36.366	ng	87
3) Pyridine	3.79	79	560110	39.496	ng	87
4) n-Nitrosodimethylamine	3.75	42	300815	37.697	ng	83
6) Aniline	6.68	93	615189	31.767	ng	98
8) 2-Chlorophenol	6.81	128	507156	42.029	ng	93
9) Benzaldehyde	6.57	77	301778	27.339	ng	93
10) Phenol	6.66	94	609219	41.368	ng	89
11) bis(2-Chloroethyl)ether	6.75	93	494909	41.568	ng	93
12) 1,3-Dichlorobenzene	6.96	146	581211	41.657	ng	98
13) 1,4-Dichlorobenzene	7.04	146	578484	41.267	ng	98
14) 1,2-Dichlorobenzene	7.19	146	541563	41.533	ng	98
15) Benzyl Alcohol	7.16	79	491740	41.028	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	972994	39.670	ng	97
17) 2-Methylphenol	7.27	107	436693	42.201	ng	96
18) Hexachloroethane	7.53	117	212646	42.609	ng	95
19) n-Nitroso-di-n-propylamine	7.42	70	388604	40.363	ng	# 88
20) 3+4-Methylphenols	7.41	107	547686	41.302	ng	91
22) Acetophenone	7.43	105	730465	40.502	ng	# 95
24) Nitrobenzene	7.60	77	577559	41.321	ng	95
25) Isophorone	7.84	82	1063385	40.362	ng	96
26) 2-Nitrophenol	7.92	139	257032	48.694	ng	96
27) 2,4-Dimethylphenol	7.94	122	483356	41.337	ng	96
28) bis(2-Chloroethoxy)methane	8.04	93	639166	41.557	ng	99
29) 2,4-Dichlorophenol	8.15	162	464373	43.154	ng	97
30) 1,2,4-Trichlorobenzene	8.24	180	489367	41.247	ng	98
31) Naphthalene	8.32	128	1476628	42.096	ng	99
32) Benzoic acid	8.07	122	267657	40.510	ng	94
33) 4-Chloroaniline	8.37	127	370910	24.264	ng	100
34) Hexachlorobutadiene	8.44	225	313673	41.764	ng	99
35) Caprolactam	8.79	113	51556	15.289	ng	91
36) 4-Chloro-3-methylphenol	8.85	107	482671	41.579	ng	98
37) 2-Methylnaphthalene	9.02	142	1027333	41.395	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	509161	42.374	ng	98
40) Hexachlorocyclopentadiene	9.17	237	632855	81.542	ng	98

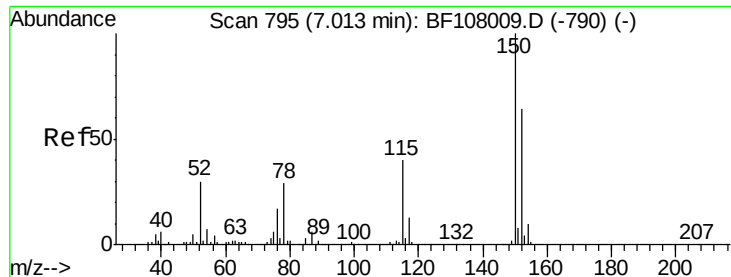
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	350371	46.989	ng	99
43) 2,4,5-Trichlorophenol	9.34	196	366967	44.708	ng	# 95
45) 1,1'-Biphenyl	9.48	154	1241866	43.047	ng	99
46) 2-Chloronaphthalene	9.51	162	968224	42.464	ng	97
47) 2-Nitroaniline	9.61	65	330405	44.785	ng	88
48) Acenaphthylene	9.93	152	1543732	42.826	ng	98
49) Dimethylphthalate	9.78	163	1133859	41.601	ng	# 98
50) 2,6-Dinitrotoluene	9.85	165	251034	44.022	ng	96
51) Acenaphthene	10.10	154	1001228	45.348	ng	99
52) 3-Nitroaniline	10.02	138	183021	29.334	ng	98
53) 2,4-Dinitrophenol	10.13	184	187382	87.119	ng	# 20
54) Dibenzofuran	10.28	168	1334010	41.705	ng	96
55) 4-Nitrophenol	10.18	139	398441	84.333	ng	84
56) 2,4-Dinitrotoluene	10.25	165	337606	45.995	ng	# 93
57) Fluorene	10.62	166	1062634	41.966	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	300332	43.777	ng	# 87
59) Diethylphthalate	10.48	149	1094918	41.486	ng	95
60) 4-Chlorophenyl-phenylether	10.61	204	549277	41.630	ng	92
61) 4-Nitroaniline	10.64	138	265713	43.076	ng	94
62) Azobenzene	10.77	77	1128179	41.391	ng	92
64) 4,6-Dinitro-2-methylphenol	10.67	198	124676	42.986	ng	93
65) n-Nitrosodiphenylamine	10.73	169	968478	41.801	ng	97
66) 4-Bromophenyl-phenylether	11.10	248	356594	41.852	ng	# 85
67) Hexachlorobenzene	11.17	284	369157	41.179	ng	# 88
68) Atrazine	11.25	200	334771	43.080	ng	96
69) Pentachlorophenol	11.37	266	372205	86.743	ng	97
70) Phenanthrene	11.59	178	1529068	41.349	ng	98
71) Anthracene	11.64	178	1584300	41.800	ng	98
72) Carbazole	11.79	167	1390669	41.297	ng	99
73) Di-n-butylphthalate	12.11	149	1657279	43.449	ng	99
74) Fluoranthene	12.79	202	1661920	41.178	ng	95
76) Benzidine	12.90	184	869803	38.528	ng	99
77) Pyrene	13.02	202	1659823	43.389	ng	97
79) Butylbenzylphthalate	13.62	149	710299	46.760	ng	94
80) Benzo(a)anthracene	14.21	228	1460760	42.125	ng	98
81) 3,3'-Dichlorobenzidine	14.17	252	324808	26.137	ng	# 97
82) Chrysene	14.25	228	1333580	41.948	ng	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	916213	44.540	ng	99
84) Di-n-octyl phthalate	14.80	149	1460439	46.553	ng	95
85) Indeno(1,2,3-cd)pyrene	17.42	276	970687	35.239	ng	# 91
87) Benzo(b)fluoranthene	15.35	252	1130938	41.732	ng	97
88) Benzo(k)fluoranthene	15.35	252	1130938	45.399	ng	# 97
89) Benzo(a)pyrene	15.72	252	1047047	43.147	ng	97
90) Dibenzo(a,h)anthracene	17.44	278	799645	39.826	ng	# 93
91) Benzo(g,h,i)perylene	17.92	276	800042	40.465	ng	# 90

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

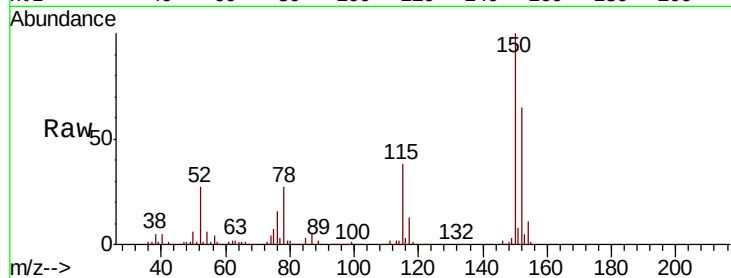


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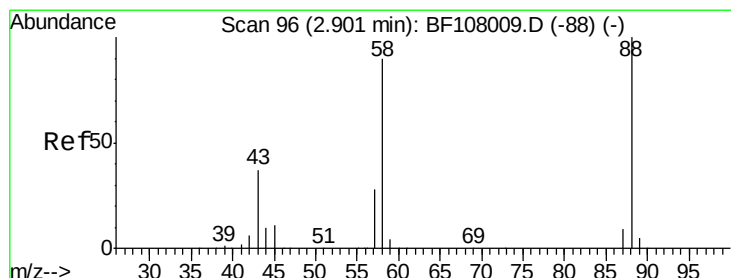
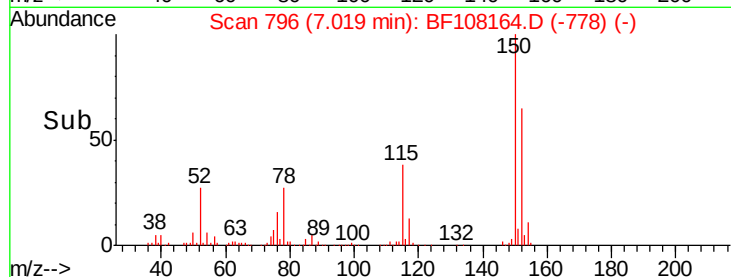
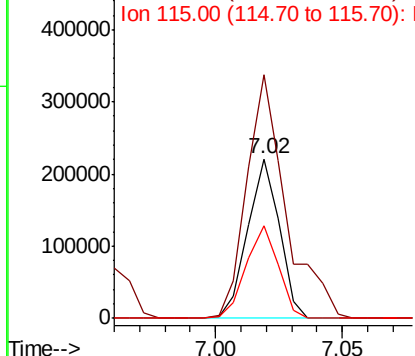
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 193970
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 58.3 50.1 75.1



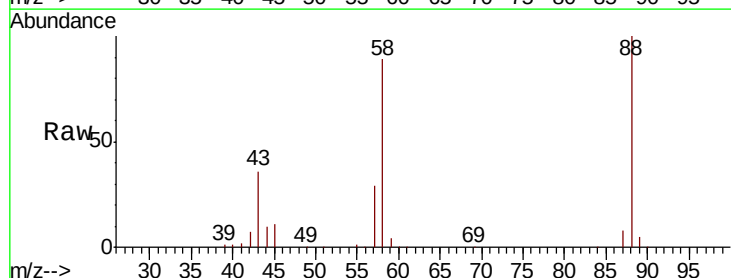
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



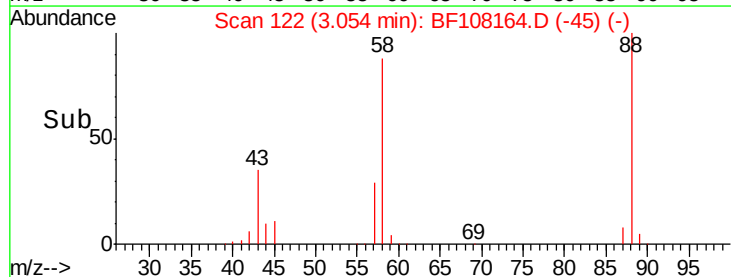
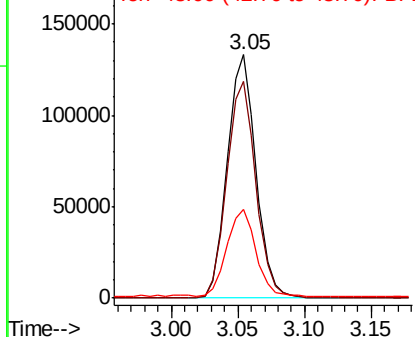
#2

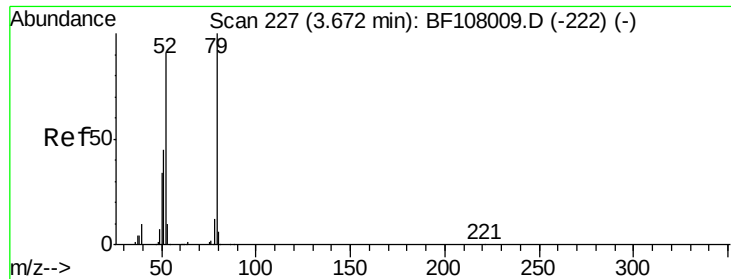
1,4-Dioxane
Concen: 36.366 ng
RT: 3.05 min Scan# 122
Delta R.T. 0.15 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion: 88 Resp: 200203
Ion Ratio Lower Upper
88 100
58 90.9 62.6 93.8
43 36.6 24.6 37.0



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: 39.496 ng

RT: 3.79 min Scan# 247

Delta R.T. 0.12 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

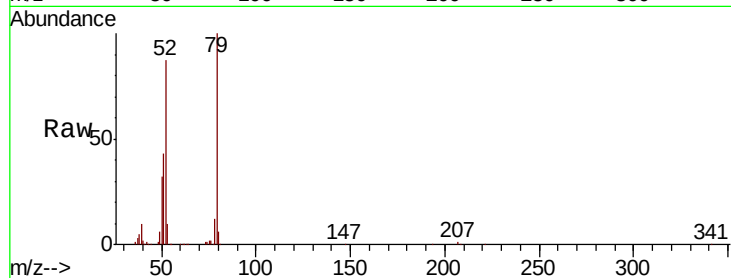
Tot Ion: 79 Resp: 560110

Ion Ratio Lower Upper

79 100

52 87.4 59.8 89.6

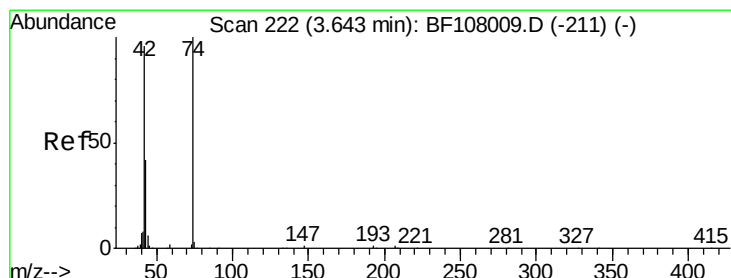
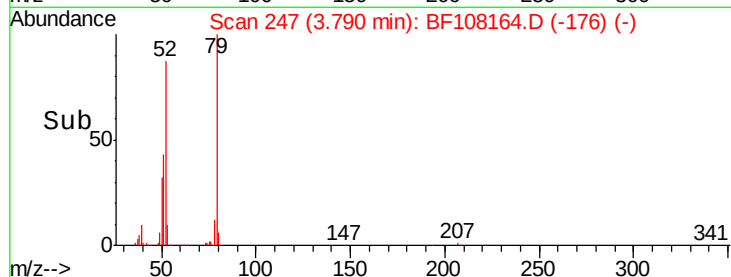
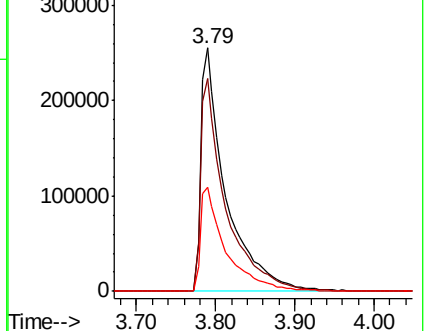
51 42.9 29.8 44.8



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: 37.697 ng

RT: 3.75 min Scan# 240

Delta R.T. 0.11 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

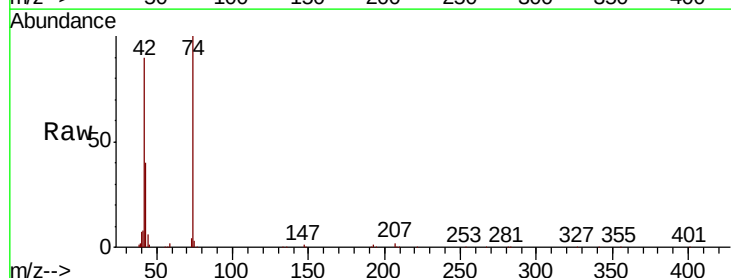
Tgt Ion: 42 Resp: 300815

Ion Ratio Lower Upper

42 100

74 110.6 104.9 157.3

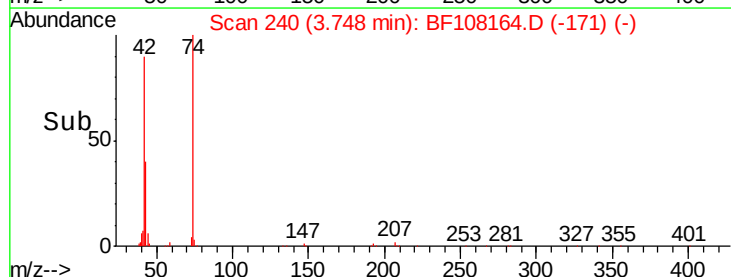
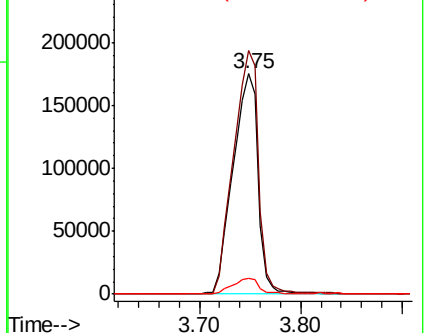
44 7.0 6.9 10.3

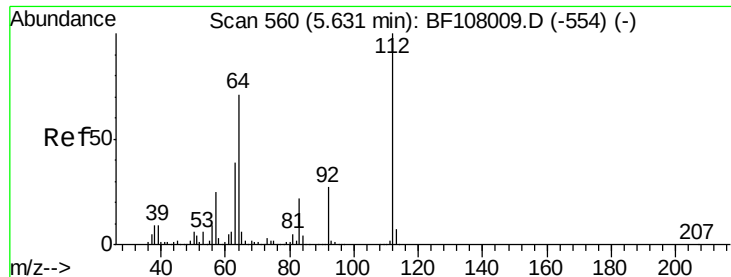


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 138.630 ng

RT: 5.67 min Scan# 566

Delta R.T. 0.04 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

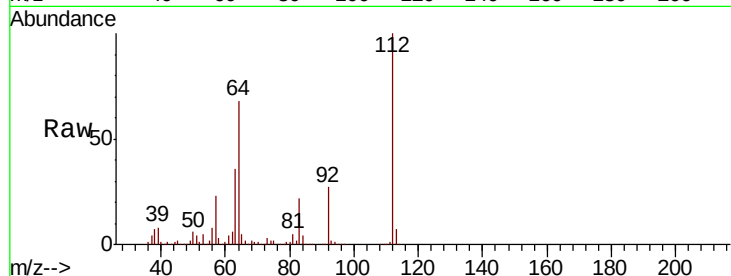
Tot Ion:112 Resp: 1485270

Ion Ratio Lower Upper

112 100

64 68.2 47.9 71.9

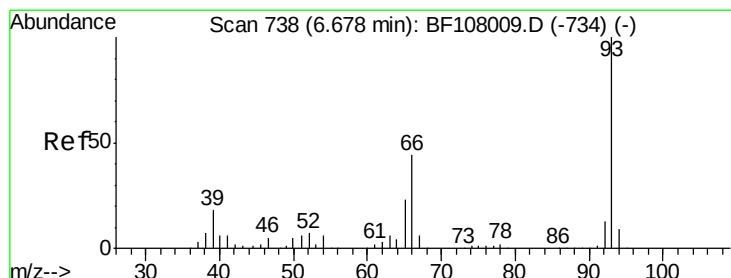
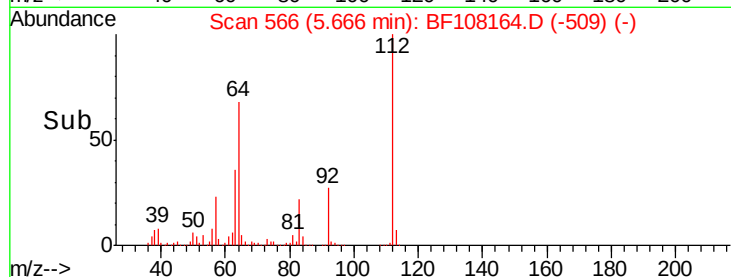
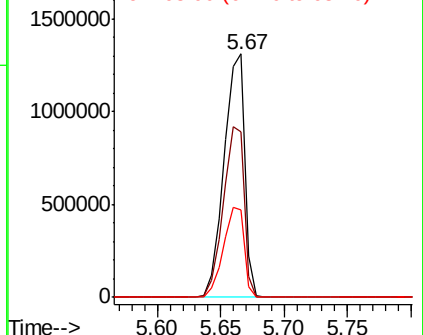
63 36.2 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.767 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

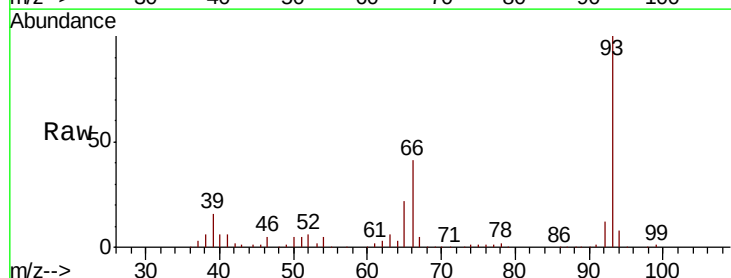
Tgt Ion: 93 Resp: 615189

Ion Ratio Lower Upper

93 100

66 41.3 32.2 48.2

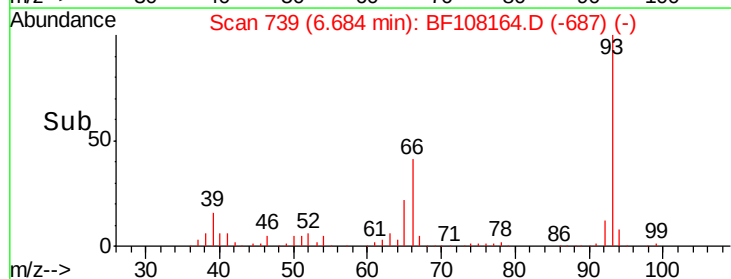
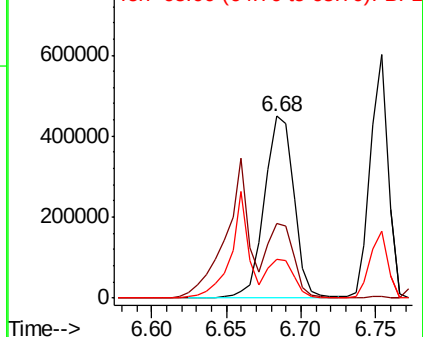
65 21.6 16.4 24.6

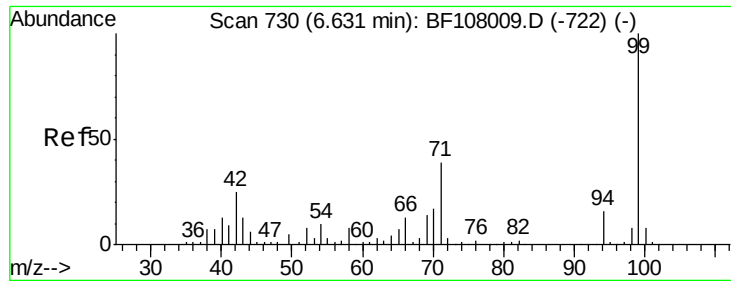


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 142.829 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

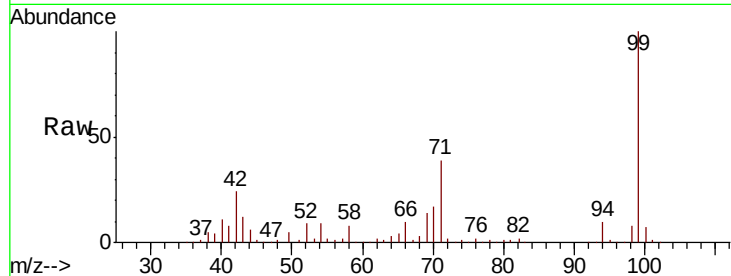
Tot Ion: 99 Resp: 2033503

Ion Ratio Lower Upper

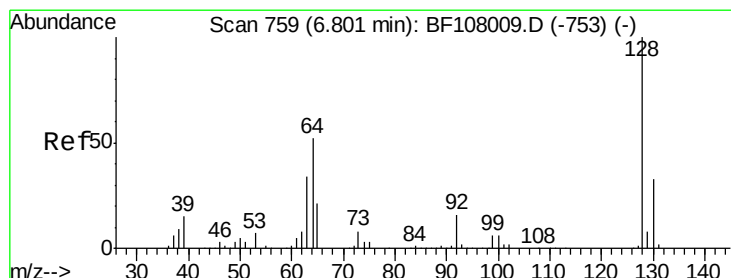
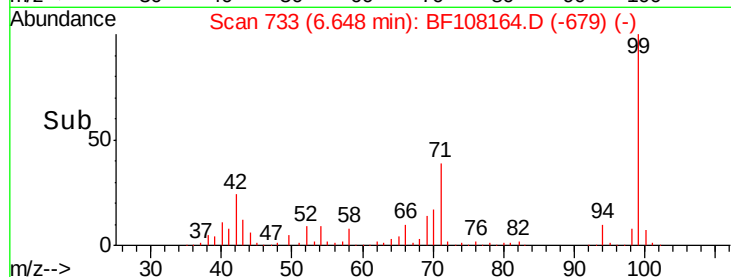
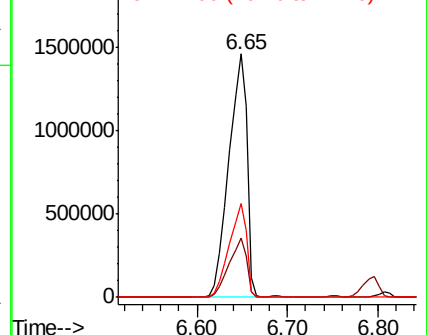
99 100

42 24.4 14.5 21.7#

71 38.6 25.4 38.0#



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: 42.029 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

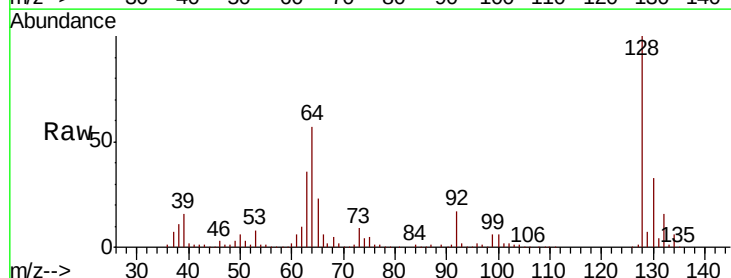
Tgt Ion: 128 Resp: 507156

Ion Ratio Lower Upper

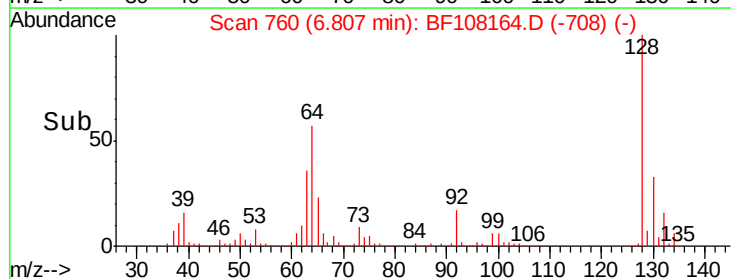
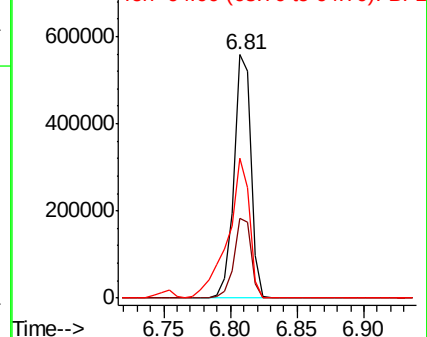
128 100

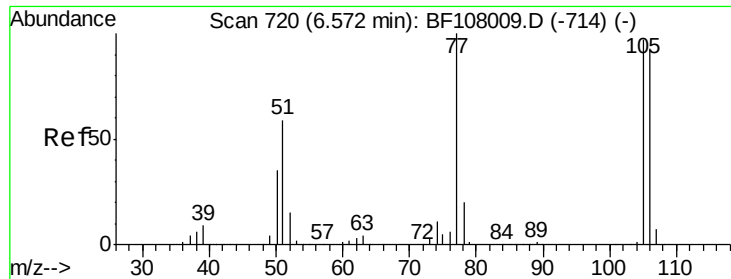
130 33.0 13.0 53.0

64 57.4 29.4 69.4



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: 27.339 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

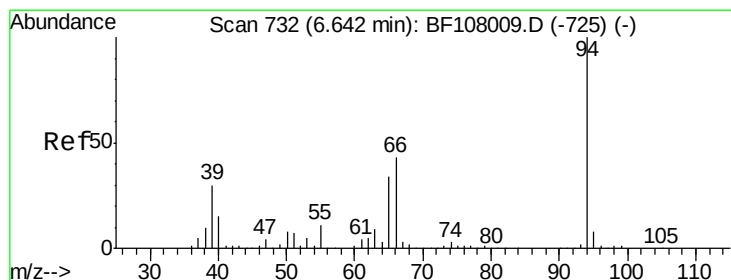
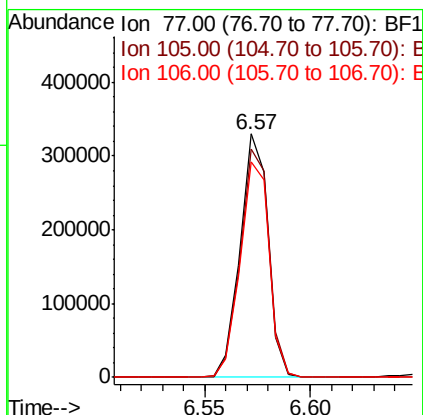
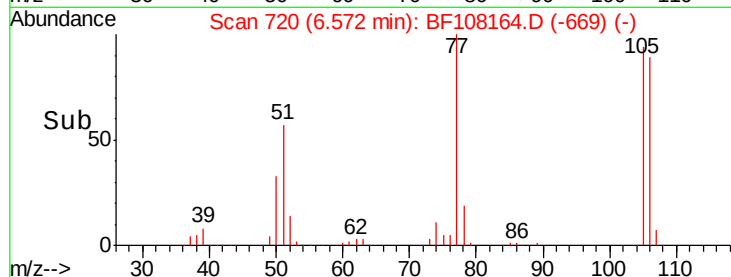
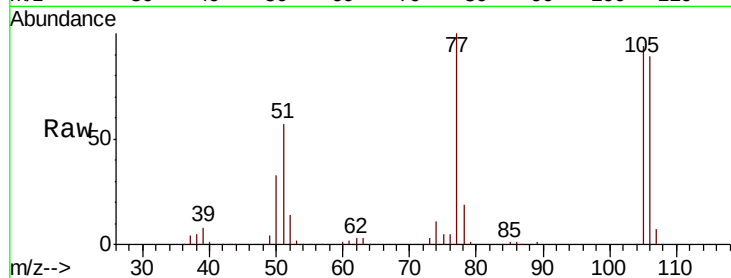
Tot Ion: 77 Resp: 301778

Ion Ratio Lower Upper

77 100

105 94.0 81.1 121.1

106 88.7 74.5 114.5



#10

Phenol

Concen: 41.368 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

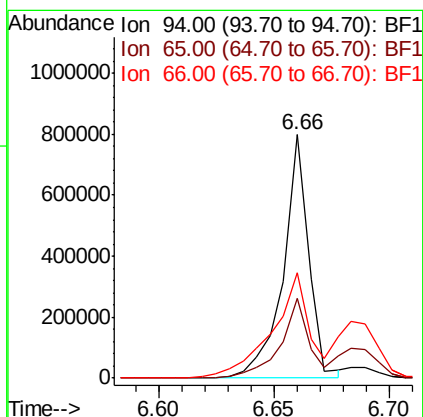
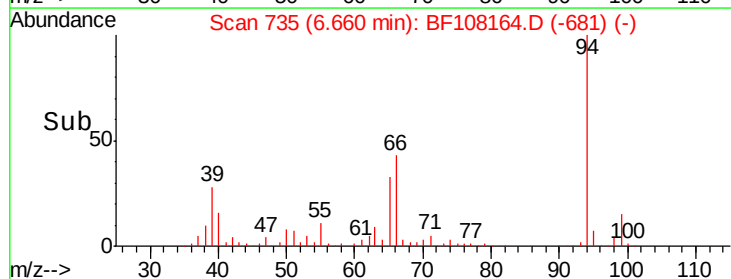
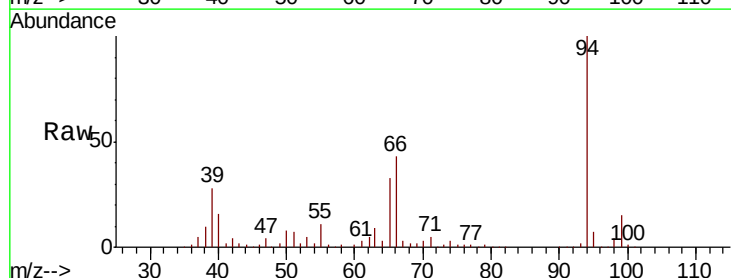
Tgt Ion: 94 Resp: 609219

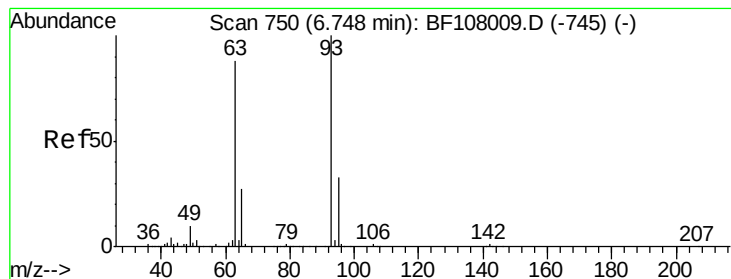
Ion Ratio Lower Upper

94 100

65 32.9 7.9 47.9

66 43.2 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 41.568 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

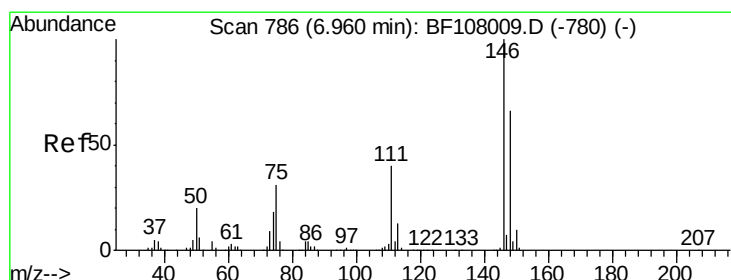
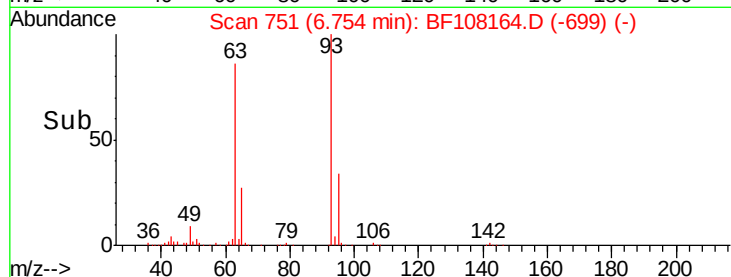
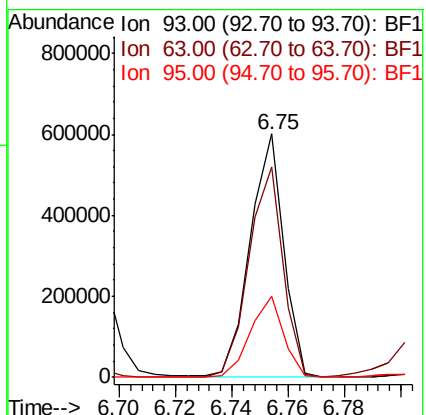
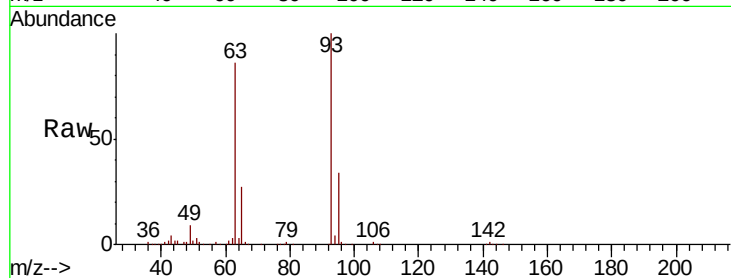
Tot Ion: 93 Resp: 494909

Ion Ratio Lower Upper

93 100

63 86.4 58.6 98.6

95 33.5 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 41.657 ng

RT: 6.96 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

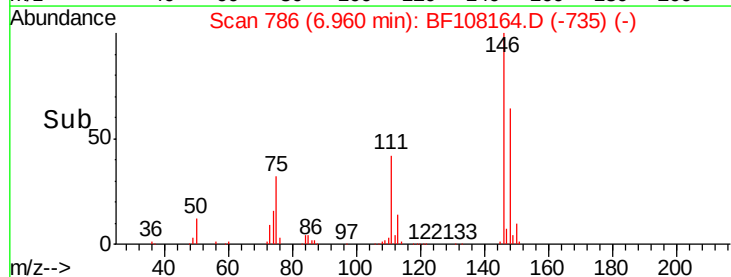
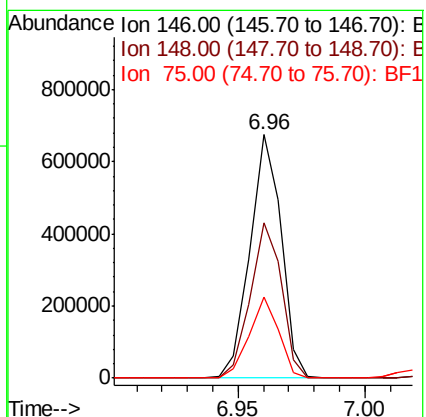
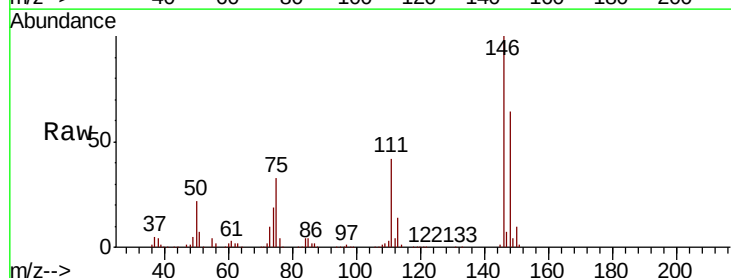
Tgt Ion: 146 Resp: 581211

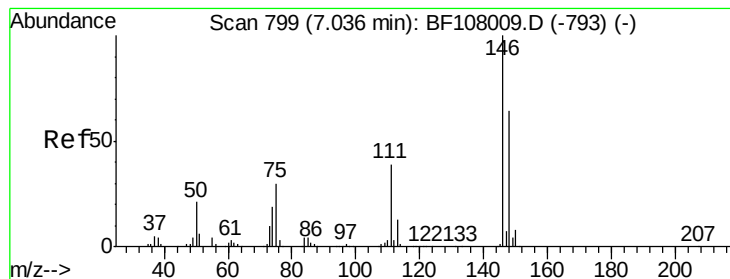
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

75 33.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.267 ng

RT: 7.04 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampled :

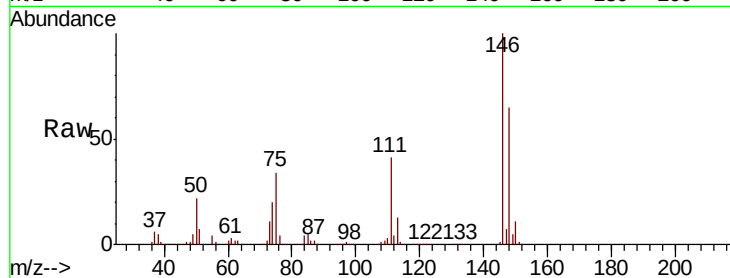
Tot Ion:146 Resp: 578484

Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

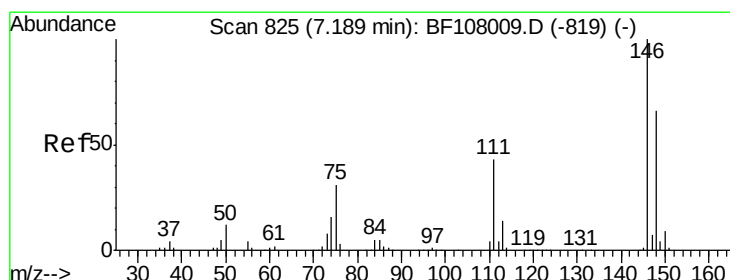
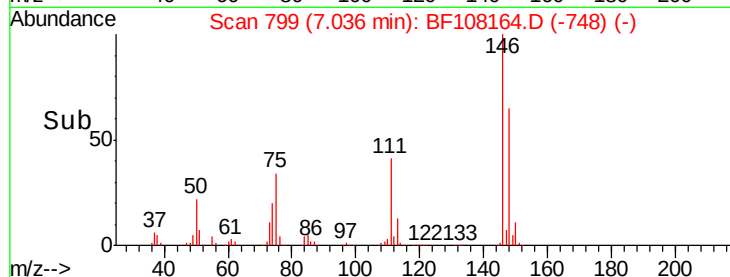
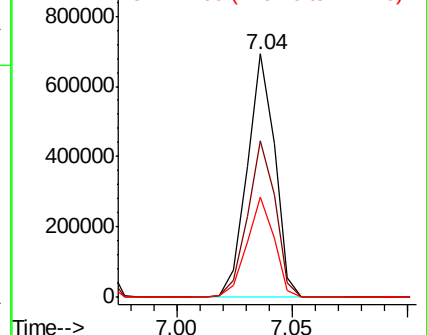
111 41.4 34.2 51.2



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: 41.533 ng

RT: 7.19 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

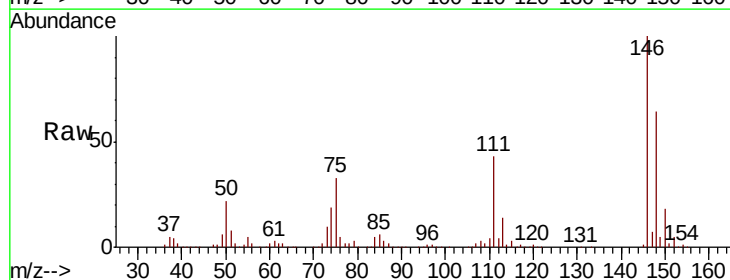
Tgt Ion:146 Resp: 541563

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

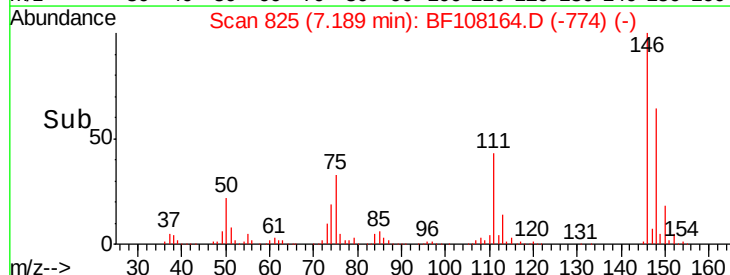
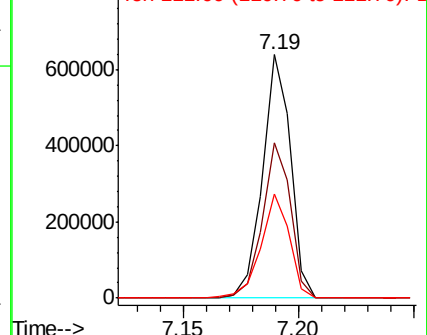
111 42.9 36.0 54.0

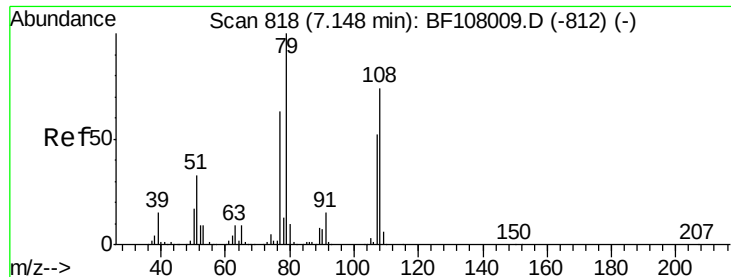


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

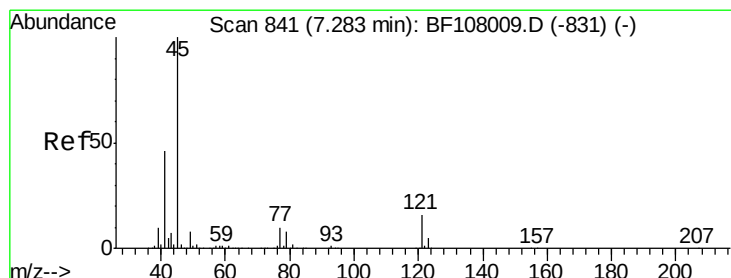
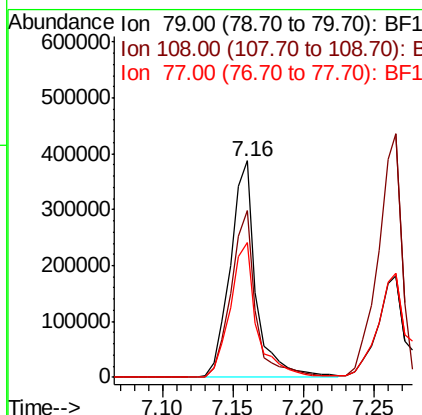
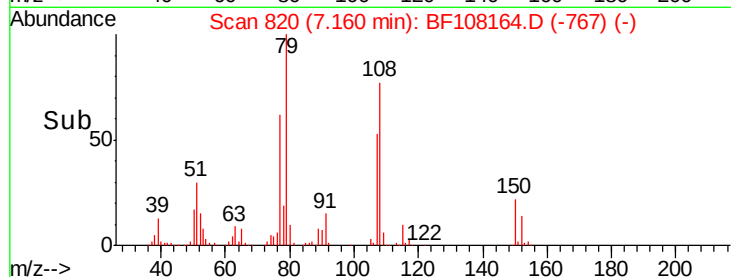
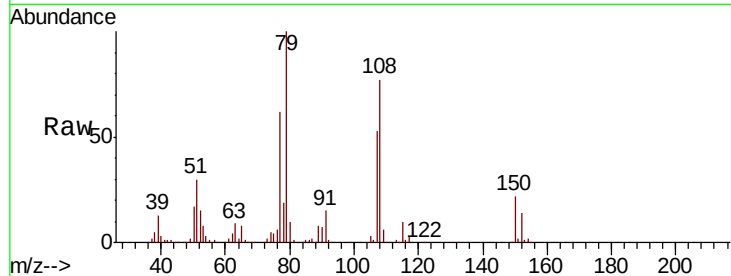




#15
Benzyl Alcohol
Concen: 41.028 ng
RT: 7.16 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

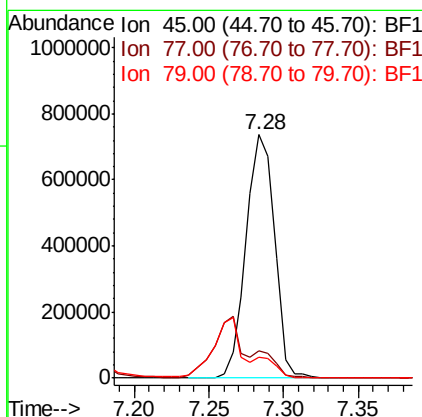
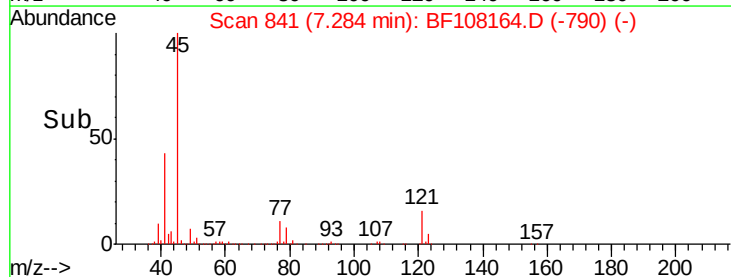
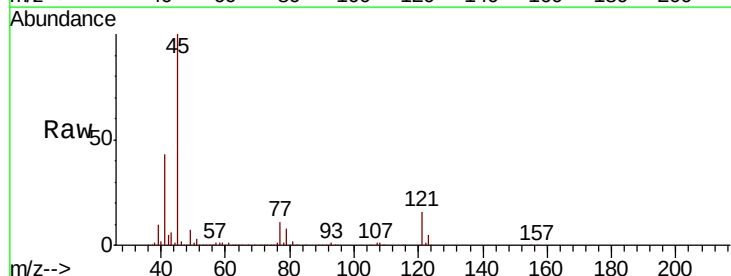
Instrument :
BNA_F
ClientSampled :

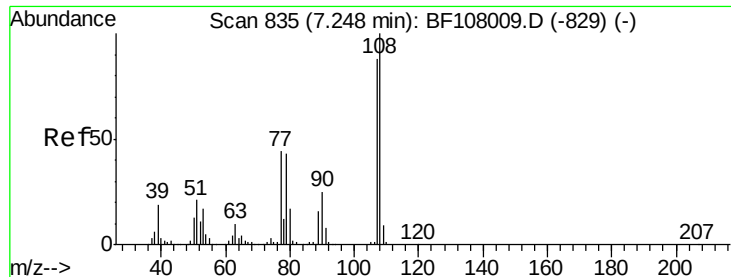
Tot Ion	Ratio	Lower	Upper
79	100		
108	77.2	65.1	97.7
77	62.1	50.6	75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.670 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	32.9
79	8.4	0.0	29.6

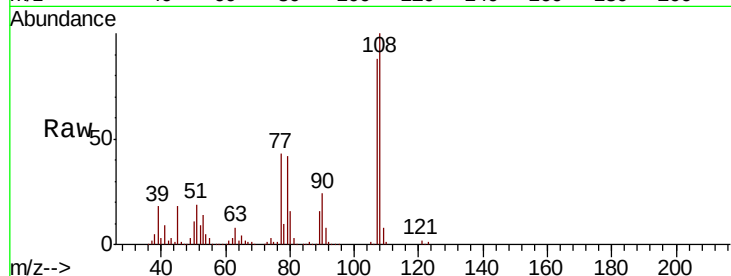




#17
2-Methylphenol
Concen: 42.201 ng
RT: 7.27 min Scan# 838
Delta R.T. 0.02 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.7	137.5
77	48.8	33.8	50.8
79	47.6	33.8	50.8



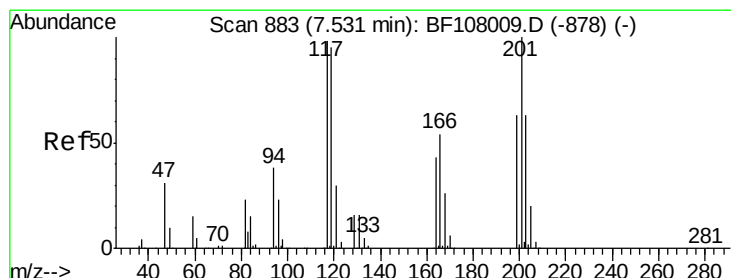
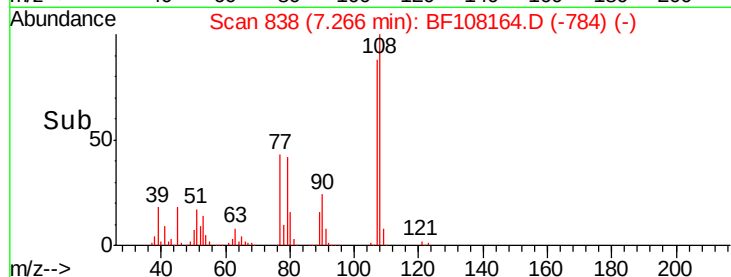
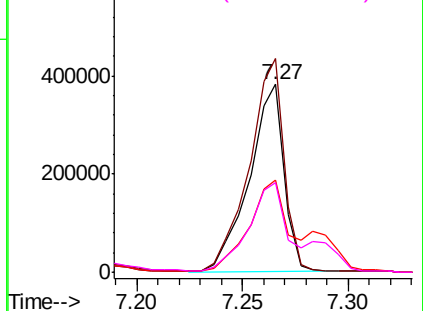
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

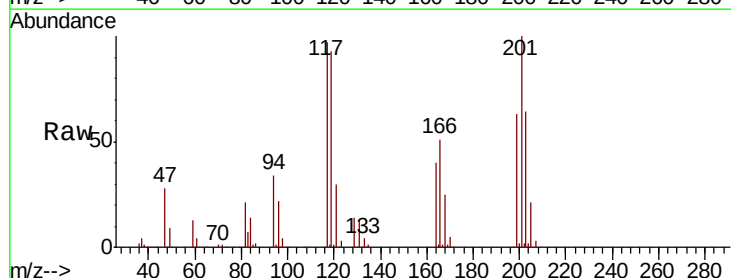
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.609 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	103.4	75.7	113.5

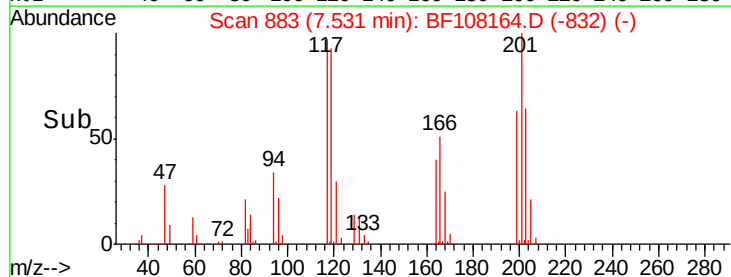
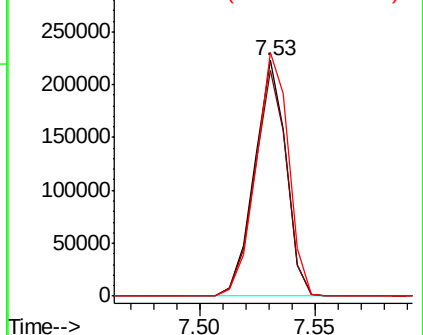


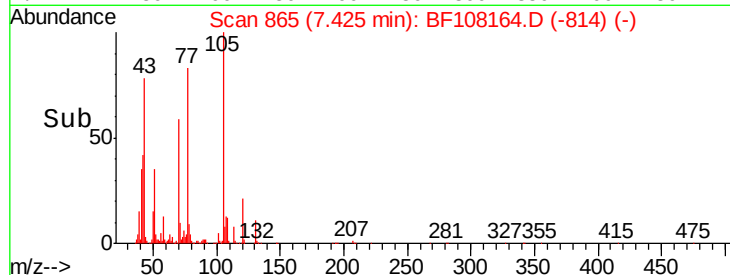
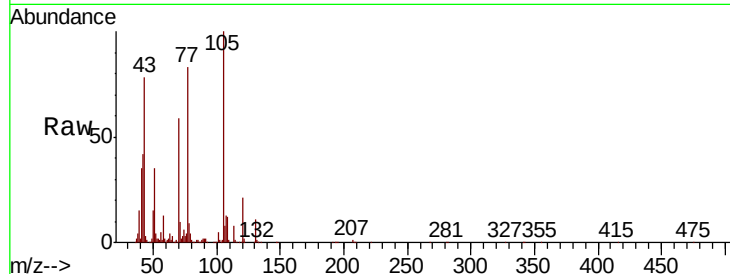
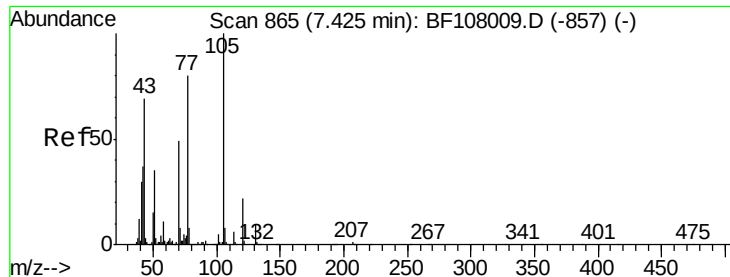
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

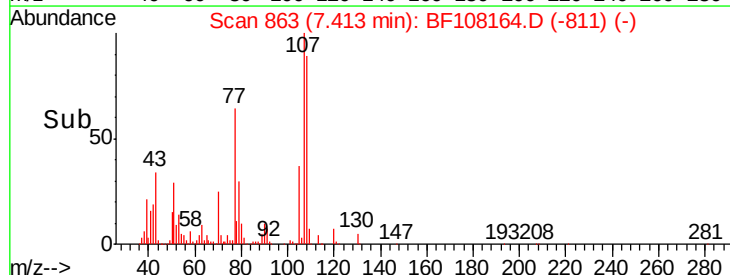
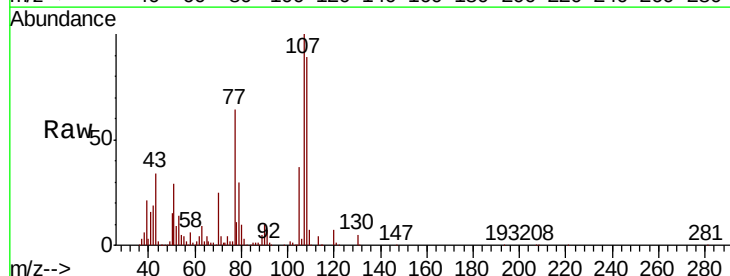
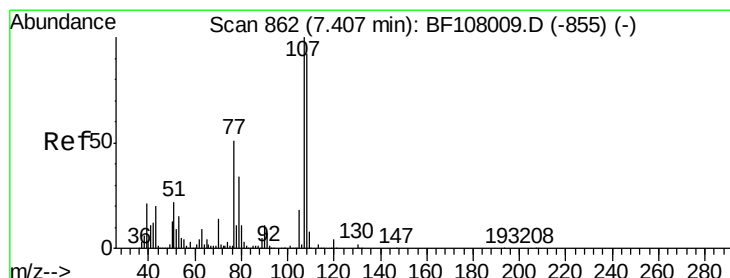
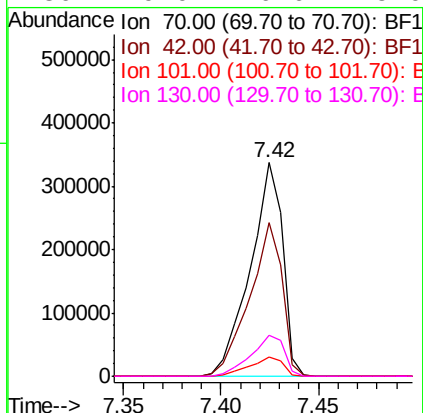




#19
n-Nitroso-di-n-propylamine
Concen: 40.363 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

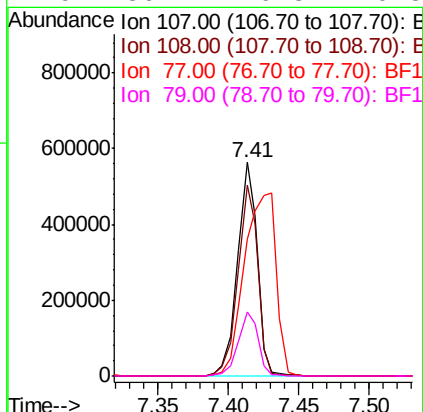
Instrument :
BNA_F
ClientSampled :

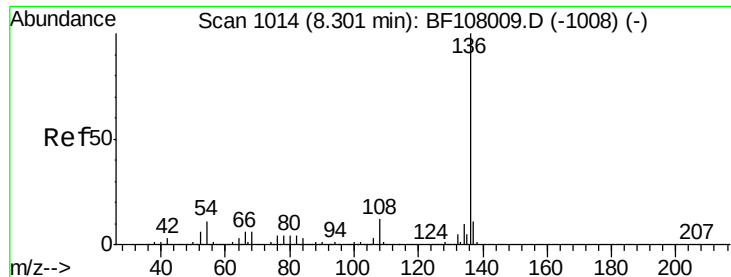
Tot Ion	Ratio	Lower	Upper
70	100		
42	71.8	47.5	71.3#
101	9.2	7.4	11.2
130	19.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 41.302 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	64.2	26.7	66.7
79	30.1	6.3	46.3

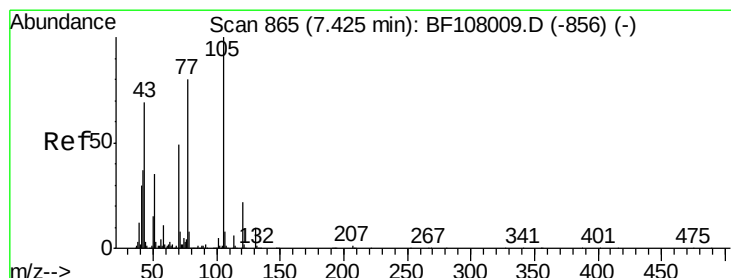
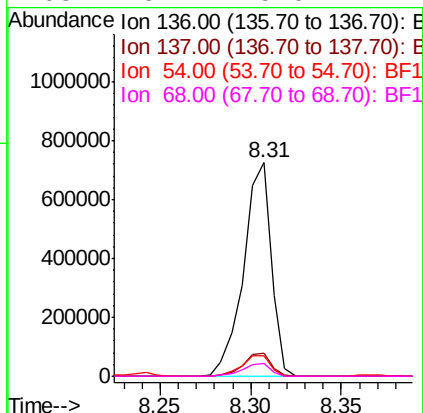
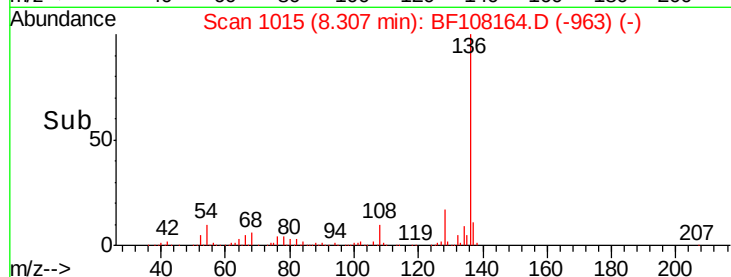
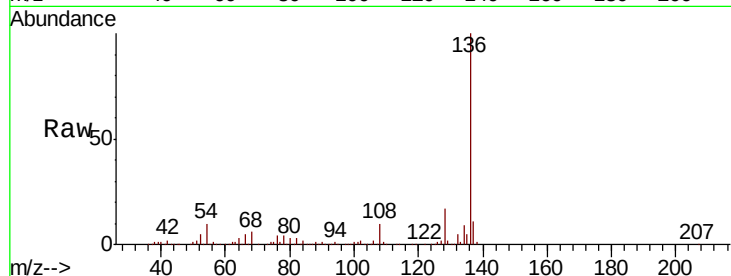




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

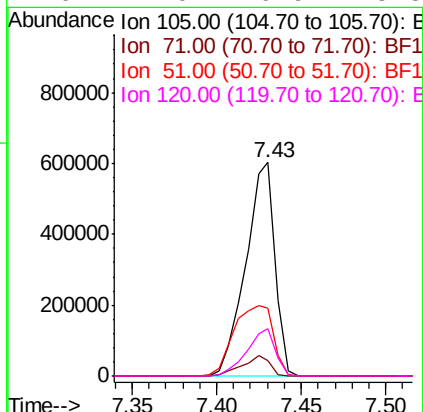
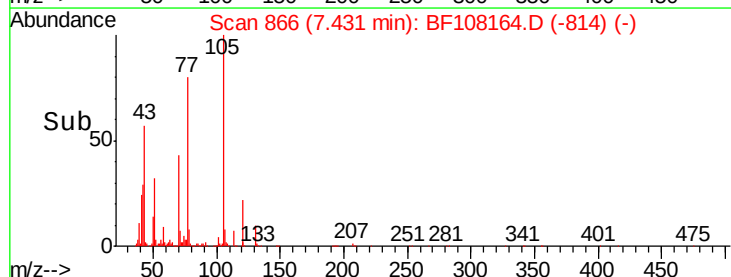
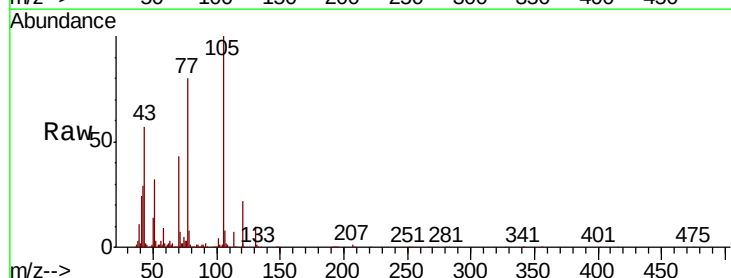
Instrument :
BNA_F
ClientSampleId :

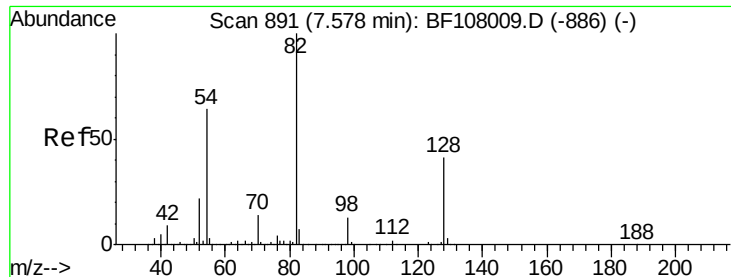
Tot Ion:136	Resp:	771314
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 9.6	6.6	9.8
68 5.7	5.0	7.4



#22
Acetophenone
Concen: 40.502 ng
RT: 7.43 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt	Ion:105	Resp:	730465
Ion	Ratio	Lower	Upper
105	100		
71	7.2	4.4	6.6#
51	32.1	22.3	33.5
120	22.0	16.9	25.3

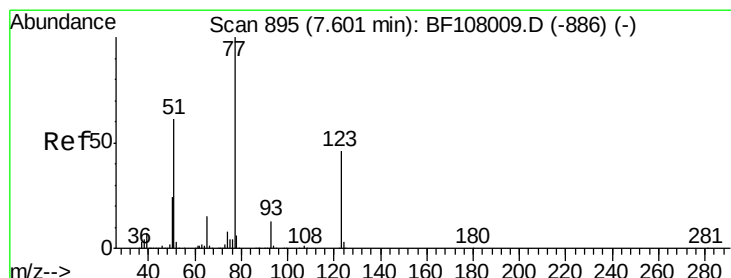
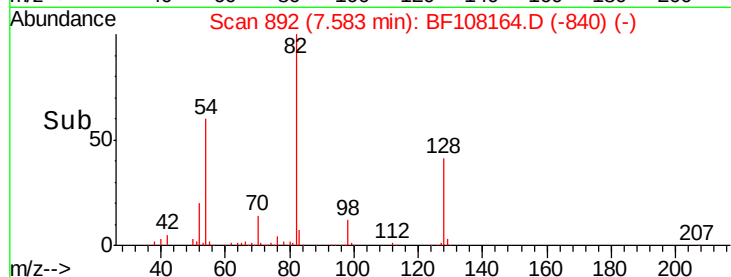
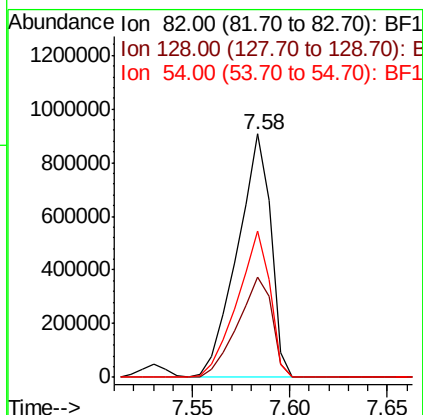
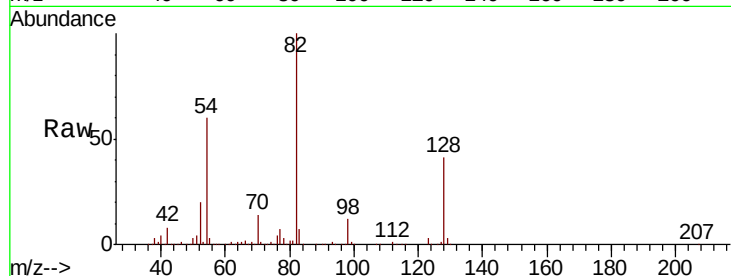




#23
 Nitrobenzene-d5
 Concen: 78.234 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

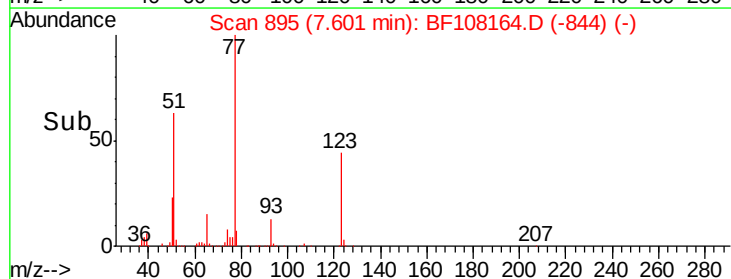
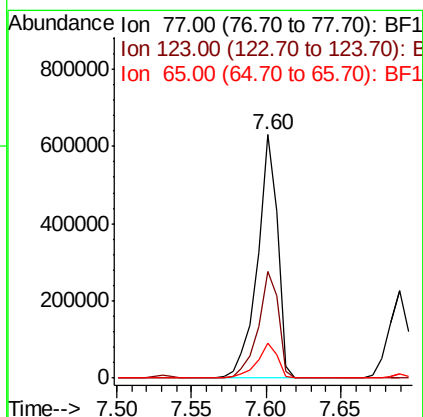
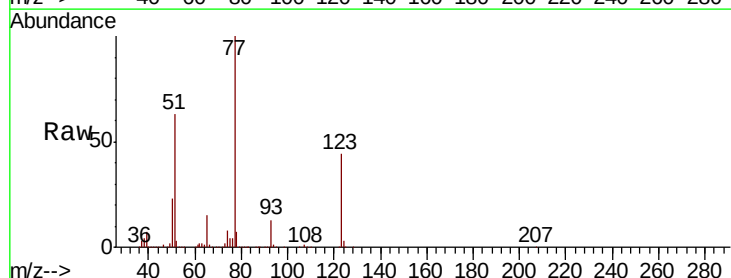
Instrument :
 BNA_F
 ClientSampled :

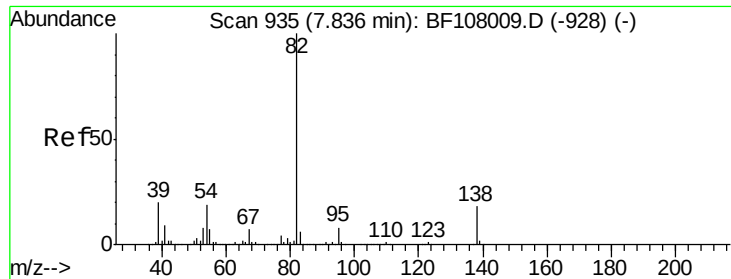
Tot Ion: 82 Resp: 1081383
 Ion Ratio Lower Upper
 82 100
 128 41.1 36.1 54.1
 54 59.9 41.4 62.2



#24
 Nitrobenzene
 Concen: 41.321 ng
 RT: 7.60 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion: 77 Resp: 577559
 Ion Ratio Lower Upper
 77 100
 123 43.9 37.9 56.9
 65 14.6 11.0 16.4





#25

Isophorone

Concen: 40.362 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampled :

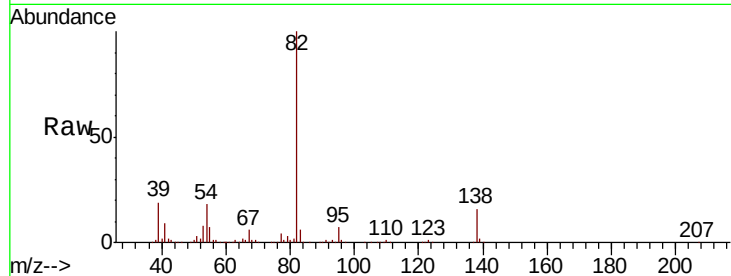
Tot Ion: 82 Resp: 1063385

Ion Ratio Lower Upper

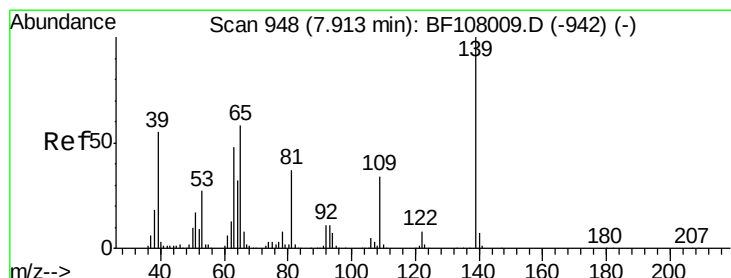
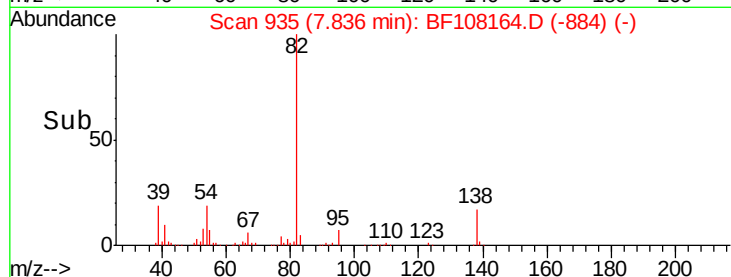
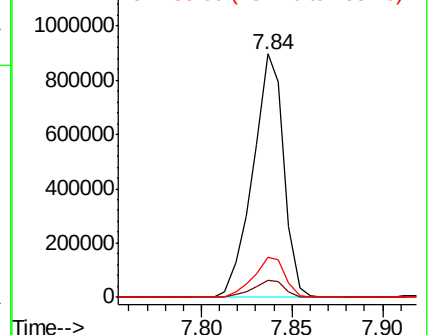
82 100

95 7.1 5.2 7.8

138 16.5 14.9 22.3



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



#26

2-Nitrophenol

Concen: 48.694 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

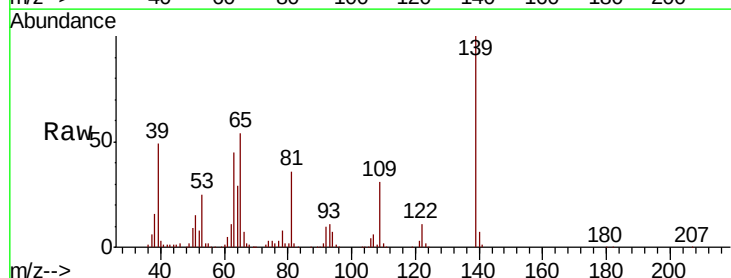
Tgt Ion: 139 Resp: 257032

Ion Ratio Lower Upper

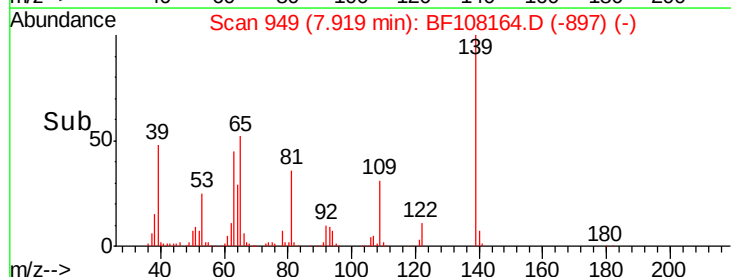
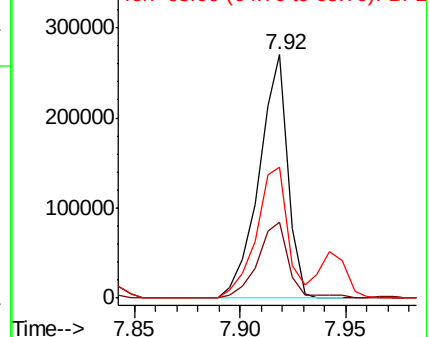
139 100

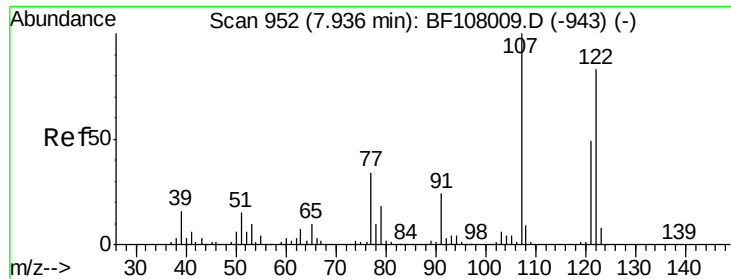
109 31.0 22.7 34.1

65 53.5 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 41.337 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

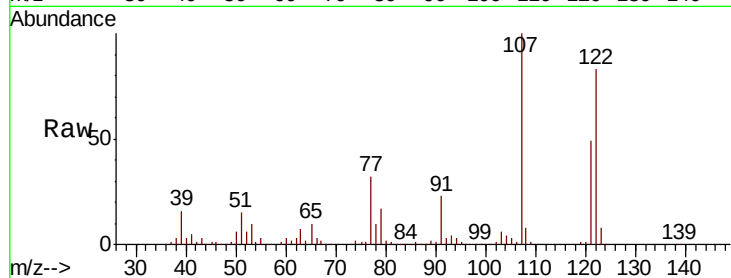
Tot Ion:122 Resp: 483356

Ion Ratio Lower Upper

122 100

107 121.0 91.2 136.8

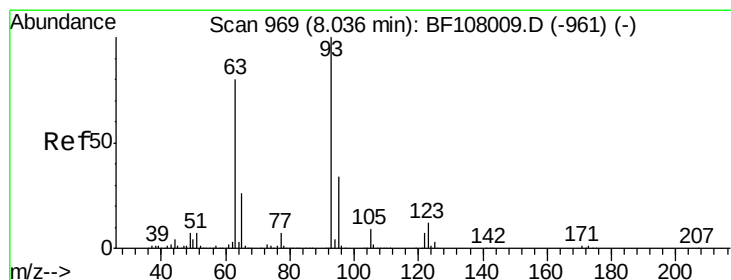
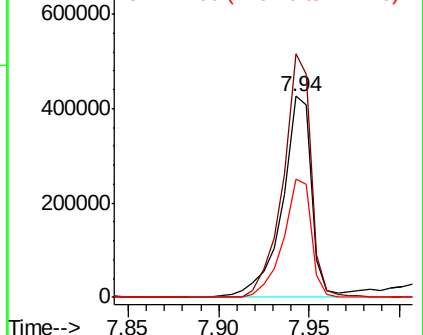
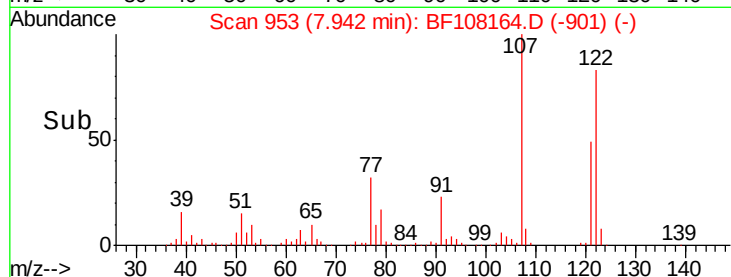
121 59.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.557 ng

RT: 8.04 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

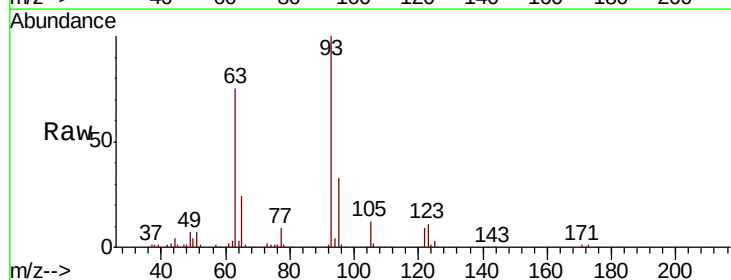
Tgt Ion: 93 Resp: 639166

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

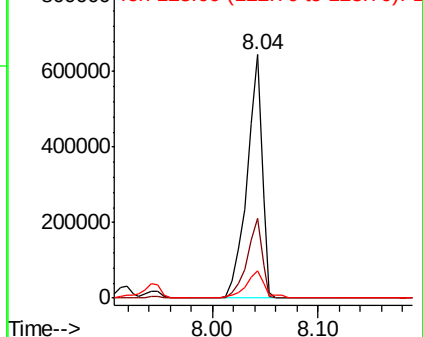
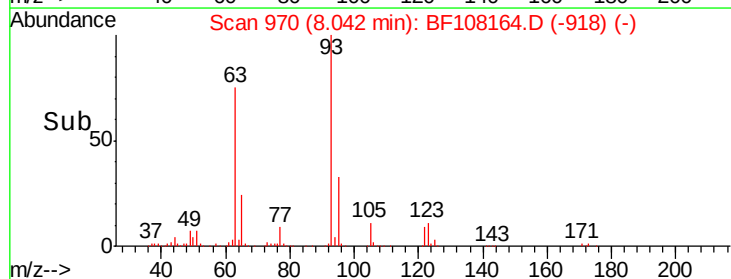
123 11.5 9.8 14.6

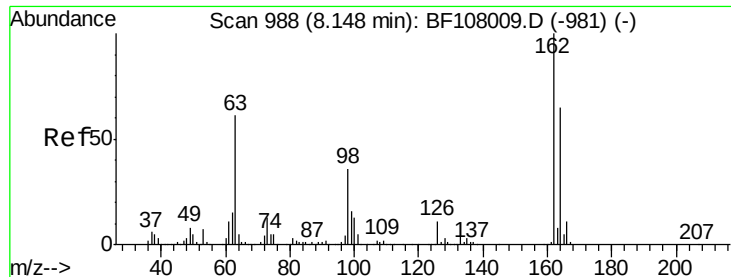


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

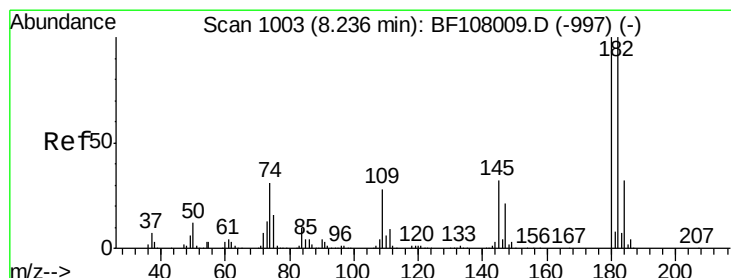
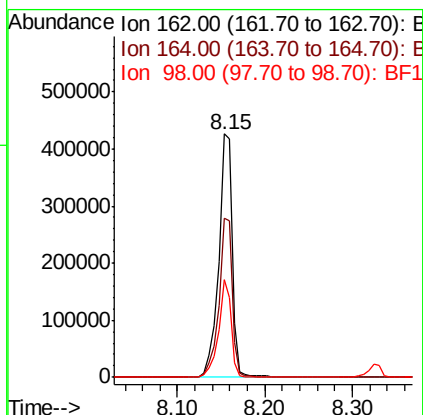
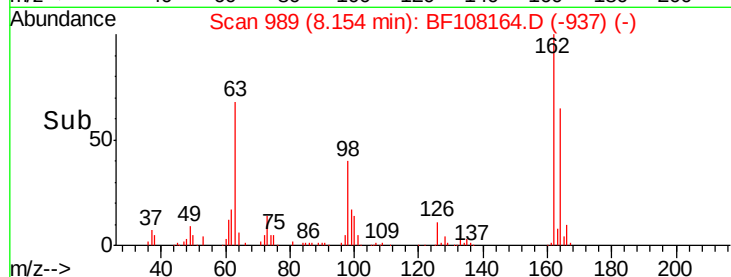
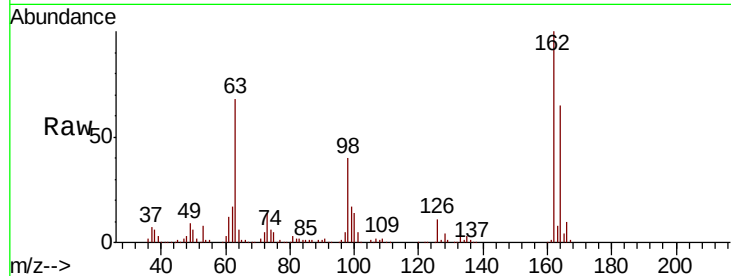




#29
2,4-Dichlorophenol
Concen: 43.154 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

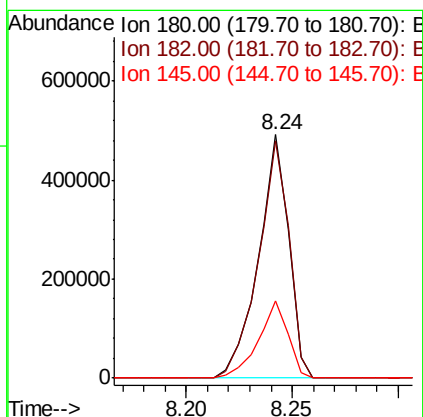
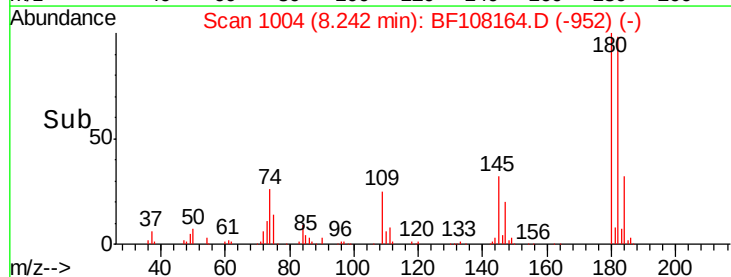
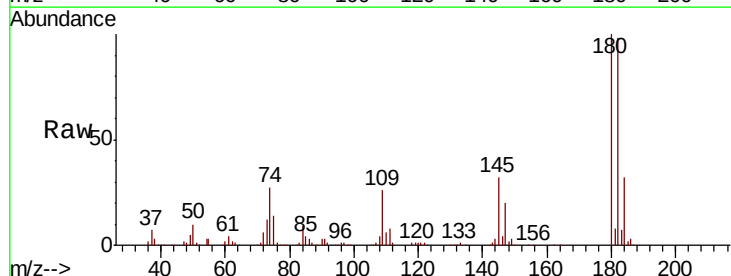
Instrument :
BNA_F
ClientSampleId :

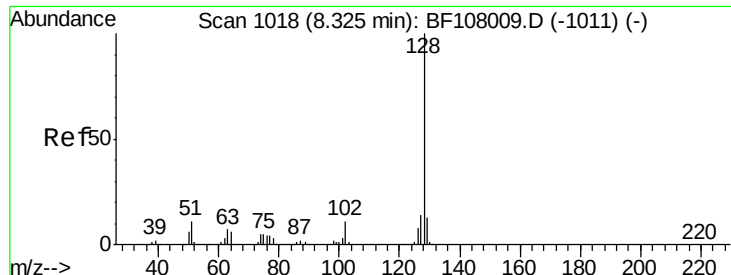
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	42.7	82.7
98	40.1	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 41.247 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.8	115.2
145	32.0	26.5	39.7

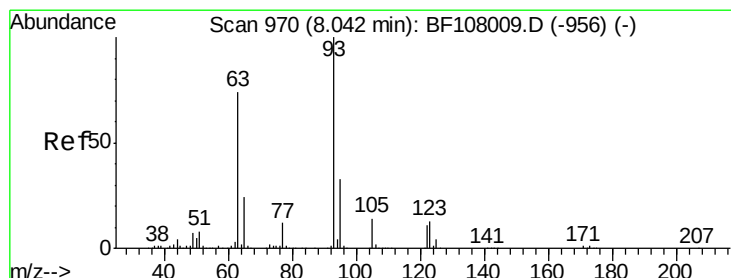
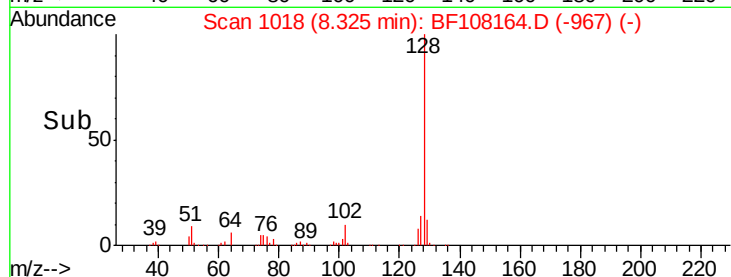
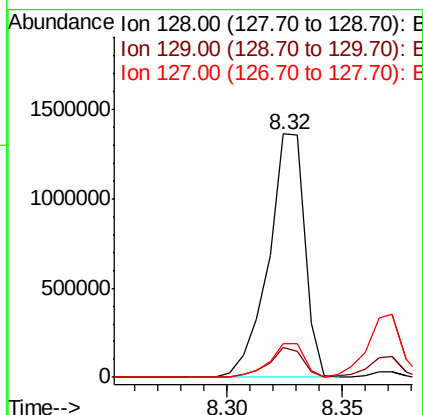
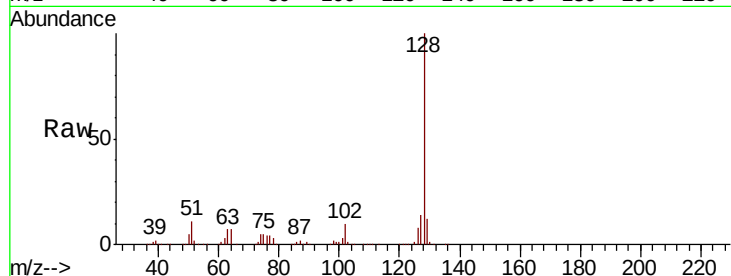




#31
Naphthalene
Concen: 42.096 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

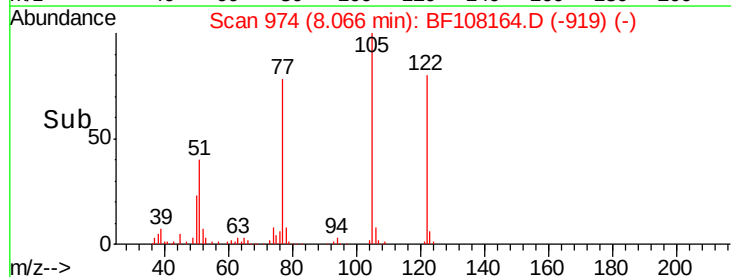
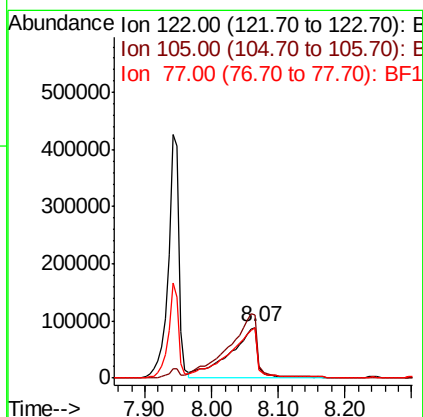
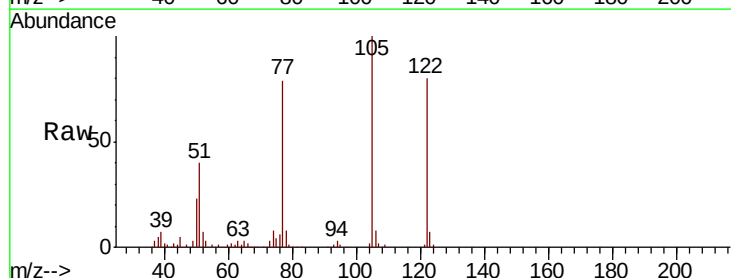
Instrument :
BNA_F
ClientSampleId :

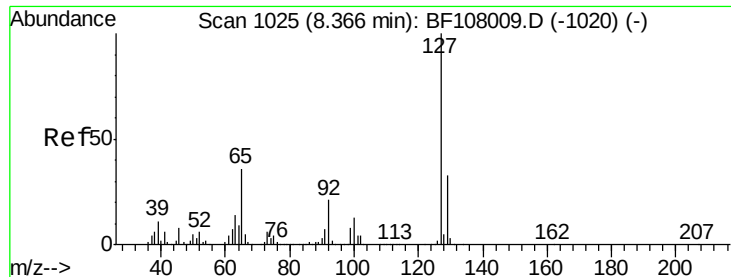
Tot Ion:128 Resp: 1476628
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 40.510 ng
RT: 8.07 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion:122 Resp: 267657
Ion Ratio Lower Upper
122 100
105 125.4 101.1 141.1
77 99.4 70.7 110.7

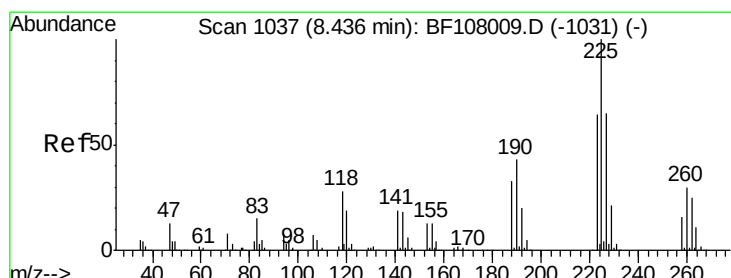
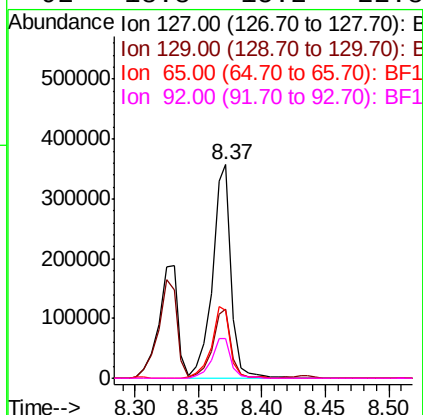
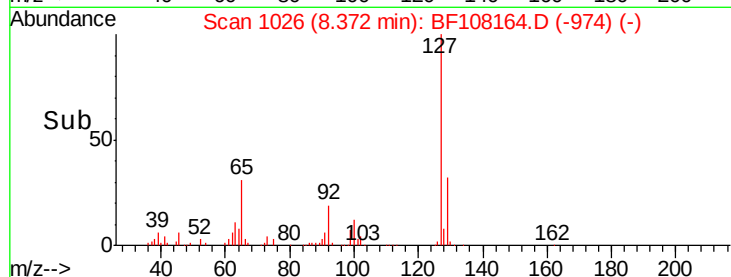
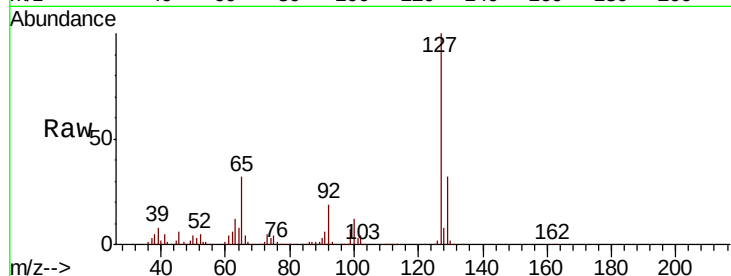




#33
4-Chloroaniline
Concen: 24.264 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

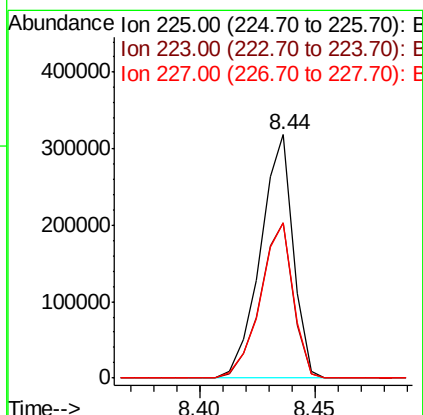
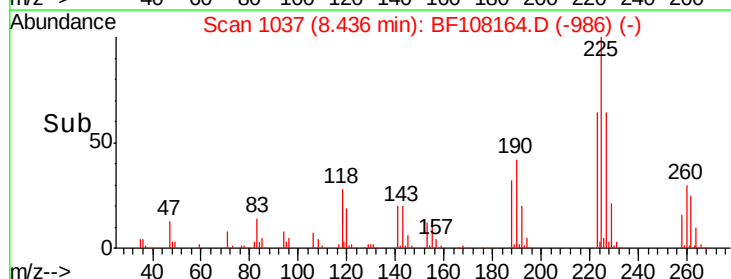
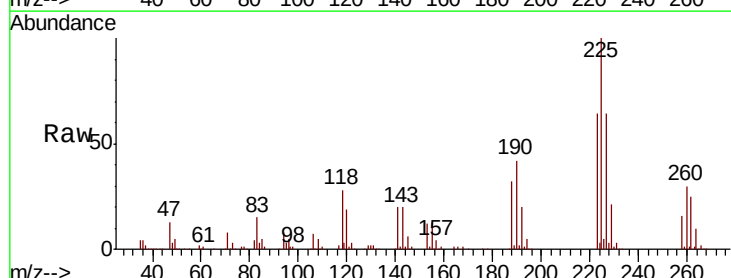
Instrument :
BNA_F
ClientSampled :

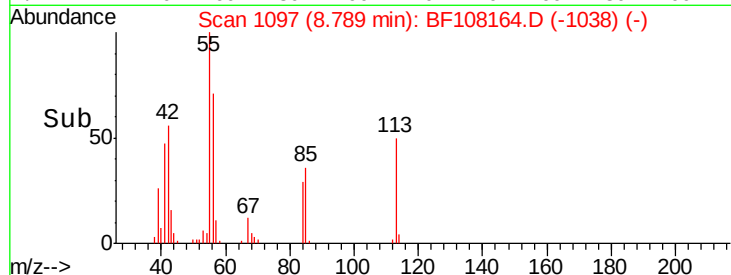
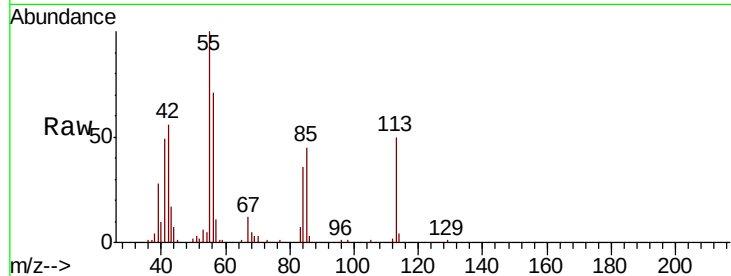
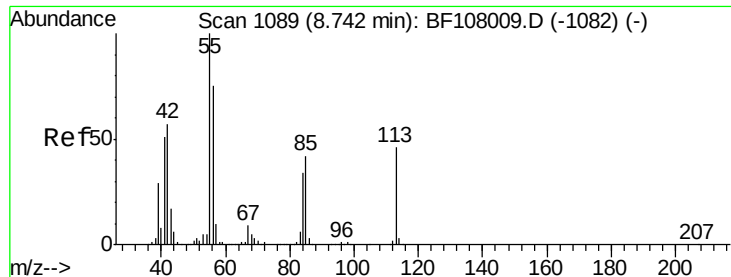
Tot Ion:	127	Resp:	370910
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	31.7	25.0	37.4
92	18.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.764 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion:	225	Resp:	313673
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	63.7	51.9	77.9

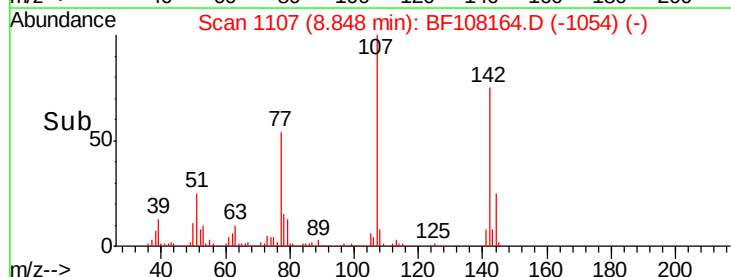
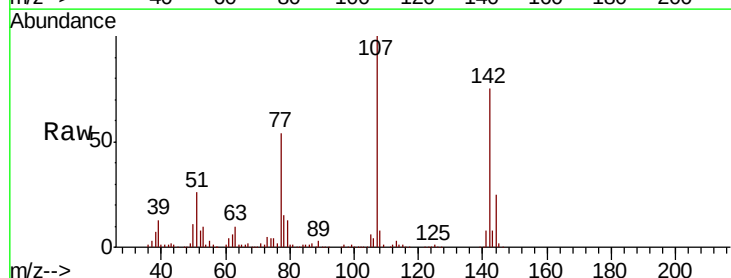
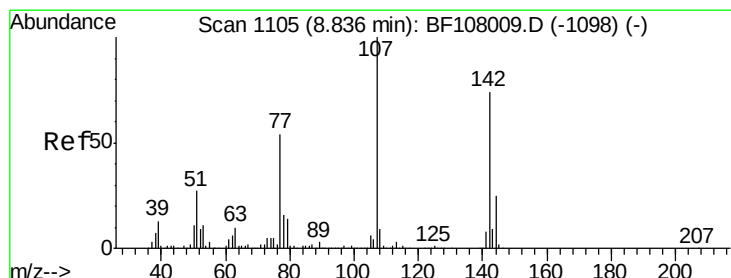
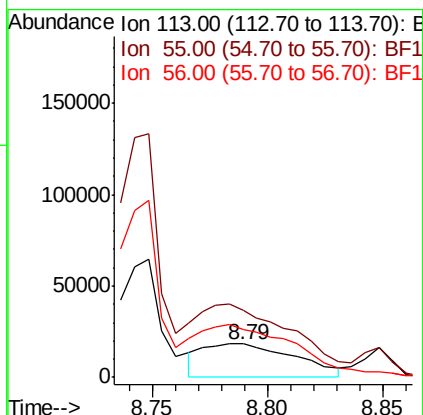




#35
Caprolactam
Concen: 15.289 ng
RT: 8.79 min Scan# 1097
Delta R.T. 0.05 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

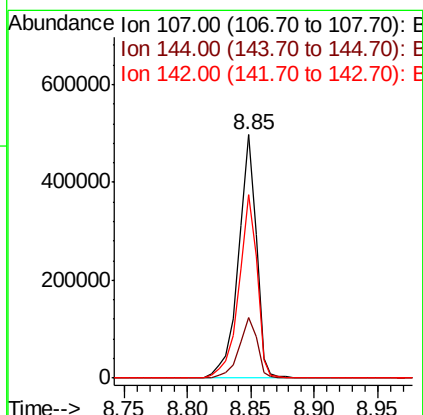
Instrument :
BNA_F
ClientSampleId :

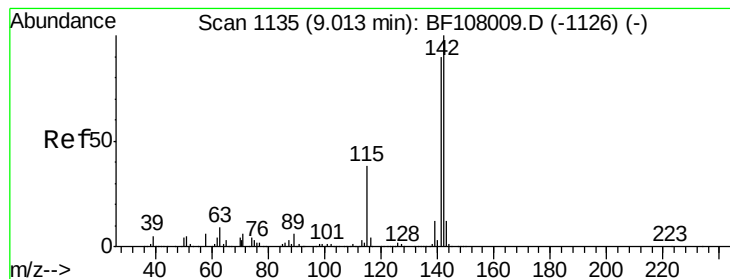
Tot Ion:113 Resp: 51556
Ion Ratio Lower Upper
113 100
55 200.5 163.3 203.3
56 142.8 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 41.579 ng
RT: 8.85 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion:107 Resp: 482671
Ion Ratio Lower Upper
107 100
144 24.8 20.5 30.7
142 75.3 62.0 93.0





#37

2-Methylnaphthalene

Concen: 41.395 ng

RT: 9.02 min Scan# 1136

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampled :

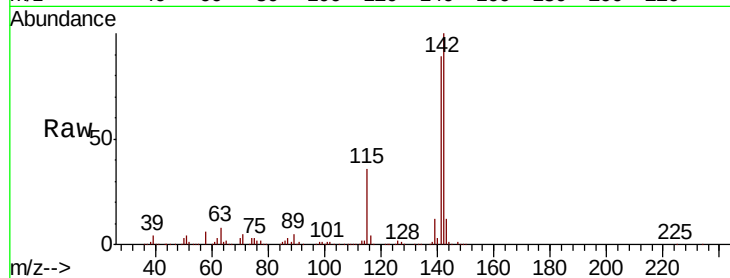
Tot Ion:142 Resp: 1027333

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2

115 36.4 26.1 39.1

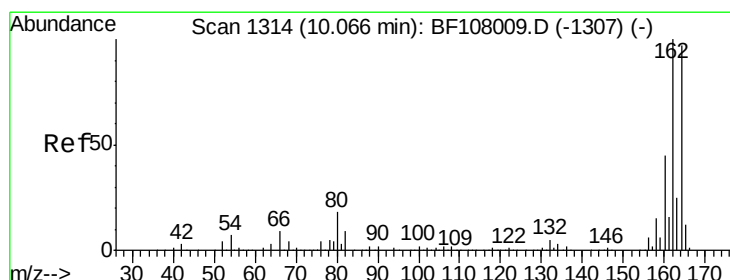
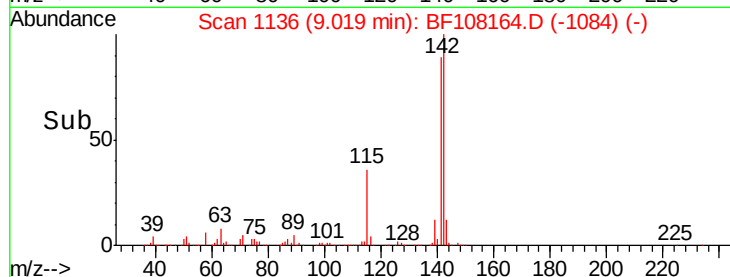
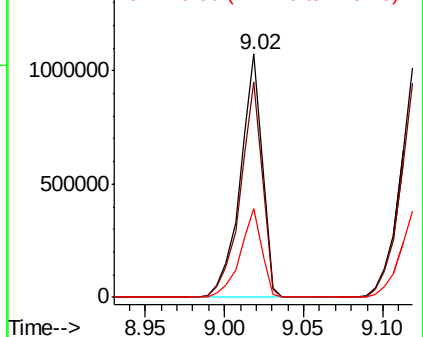


Abundance

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

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.07 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

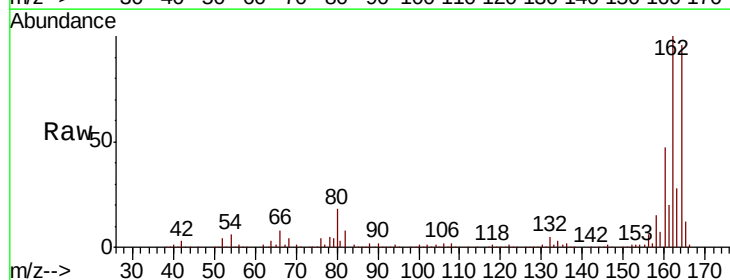
Tgt Ion:164 Resp: 391278

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

160 49.1 38.3 57.5

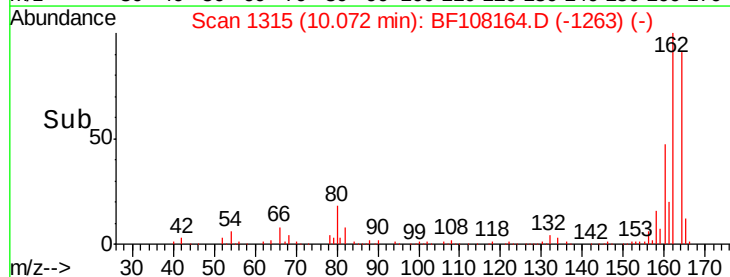
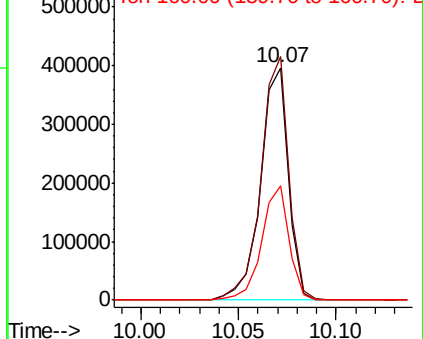


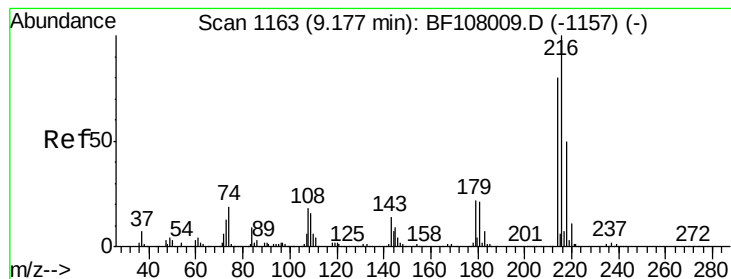
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.374 ng

RT: 9.18 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 509161

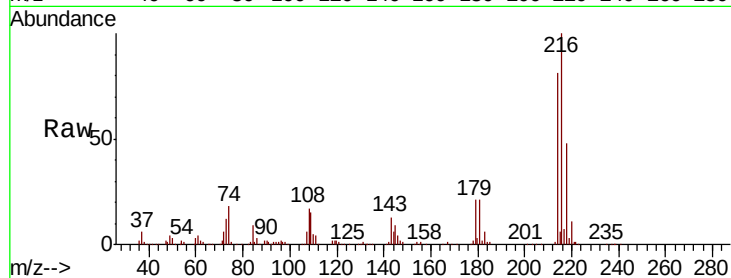
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 20.9 18.1 27.1

108 20.6 17.2 25.8

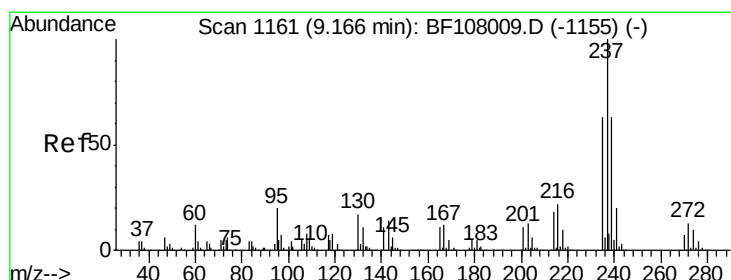
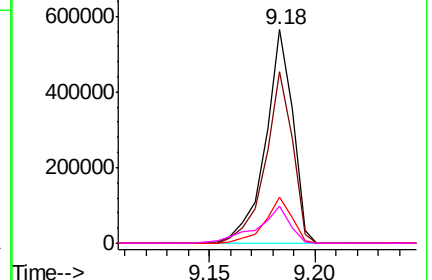
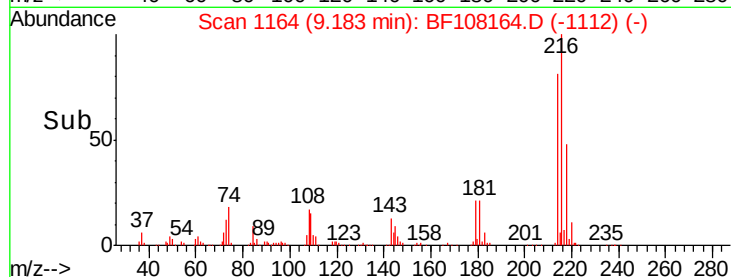


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.542 ng

RT: 9.17 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

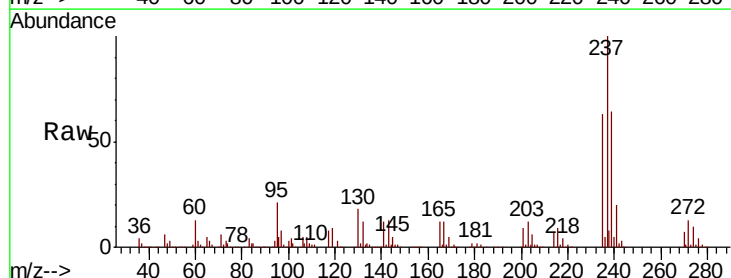
Tgt Ion:237 Resp: 632855

Ion Ratio Lower Upper

237 100

235 62.8 44.8 84.8

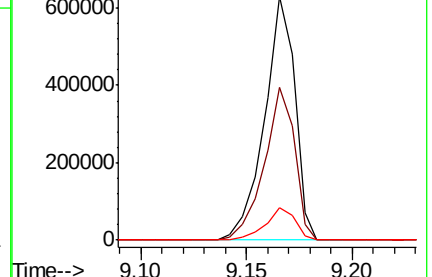
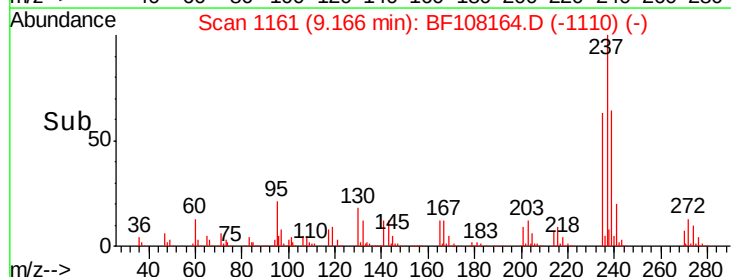
272 13.1 0.0 33.3

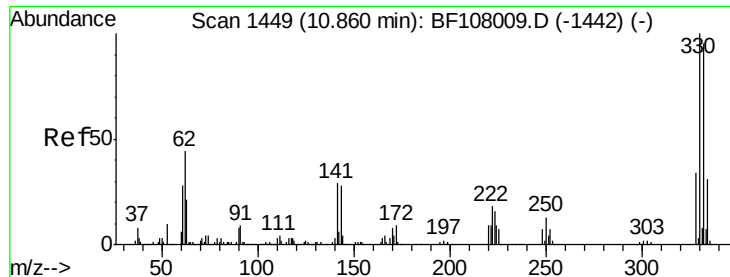


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

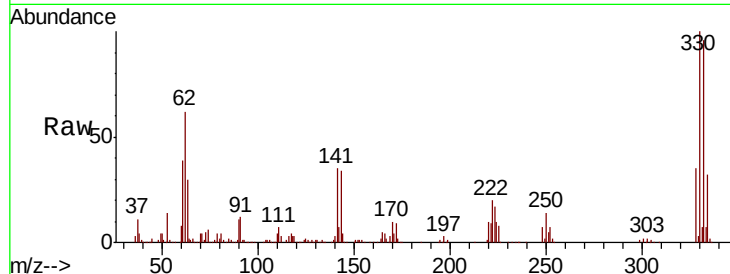




#41
 2,4,6-Tribromophenol
 Concen: 157.249 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	32.3	29.9	44.9

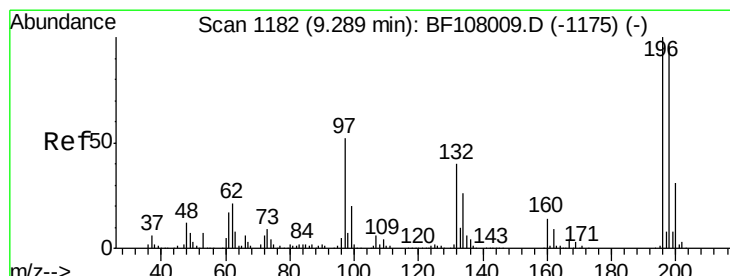
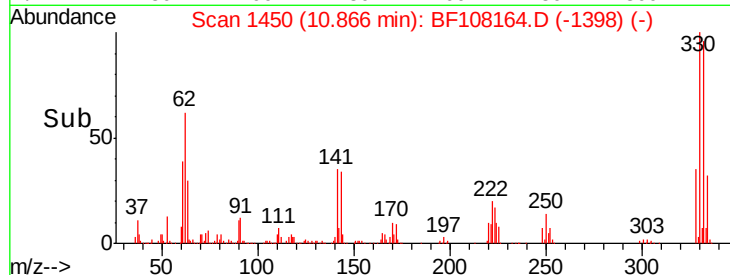
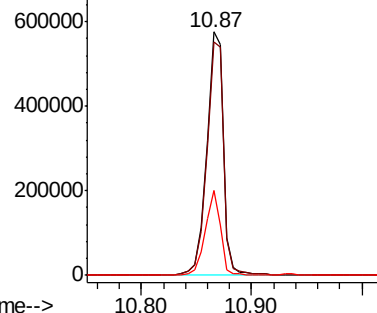


Abundance

Ion 329.80 (329.50 to 330.50): E

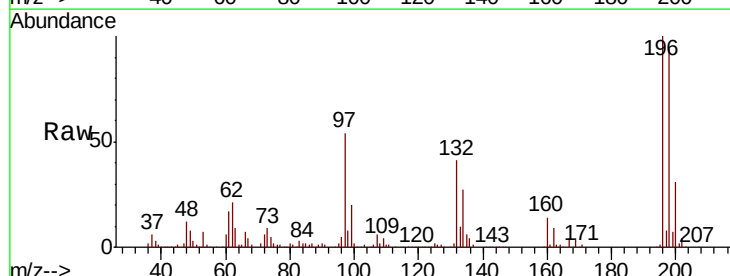
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 46.989 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.7	113.5
200	30.6	24.5	36.7

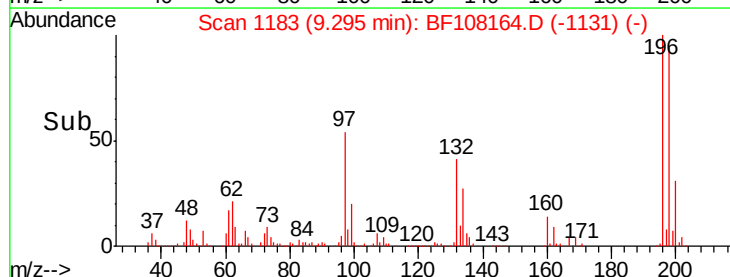
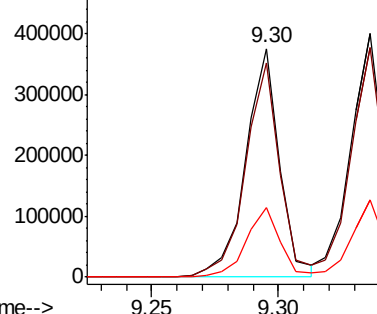


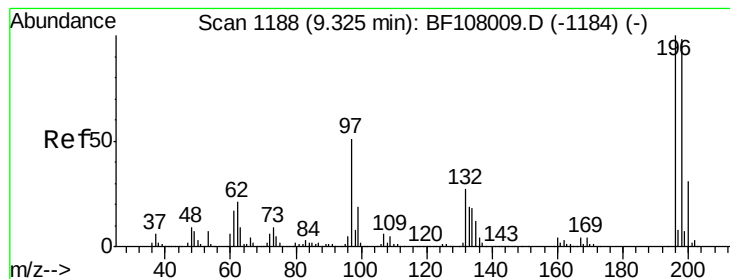
Abundance

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





#43

2,4,5-Trichlorophenol

Concen: 44.708 ng

RT: 9.34 min Scan# 1190

Delta R.T. 0.01 min

Lab File: BF108164.D

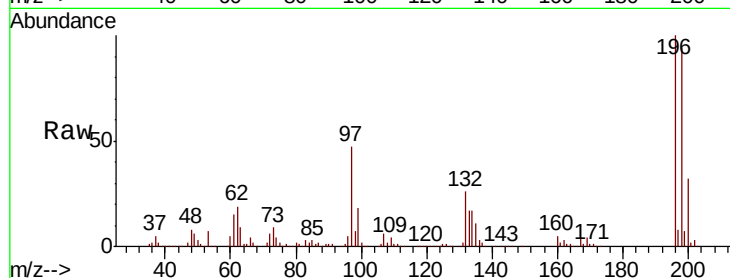
Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	196	Resp:	366967
Ion	Ratio	Lower	Upper
196	100		
198	94.0	74.6	112.0
97	47.0	42.9	64.3
132	25.9	26.3	39.5#



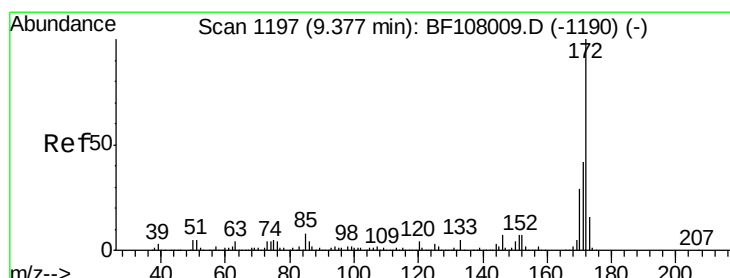
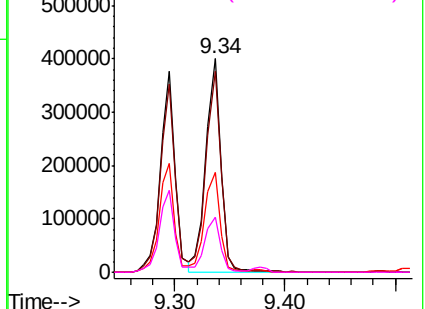
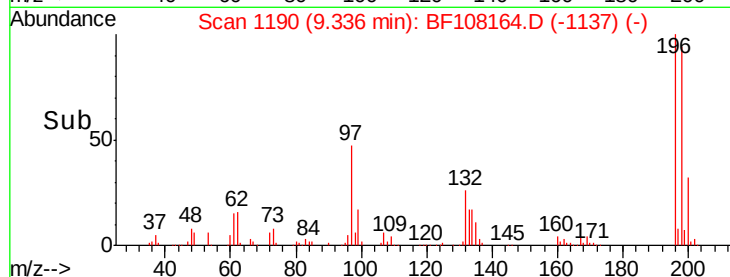
Abundance

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



#44

2-Fluorobiphenyl

Concen: 84.806 ng

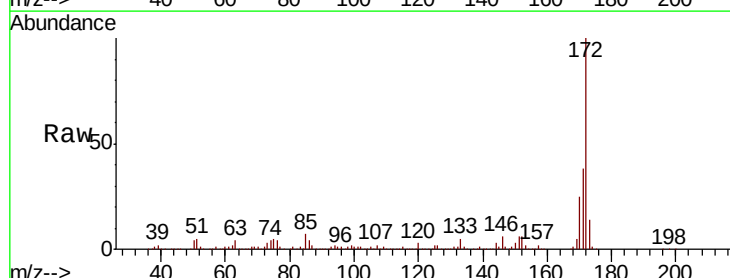
RT: 9.38 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Tgt Ion:	172	Resp:	2066852
Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	25.4	19.6	29.4

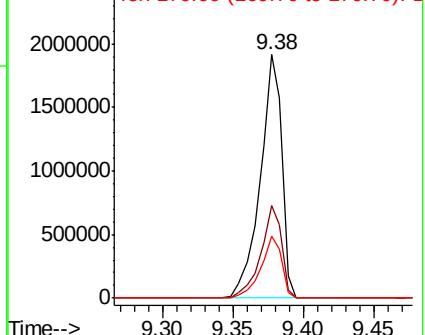
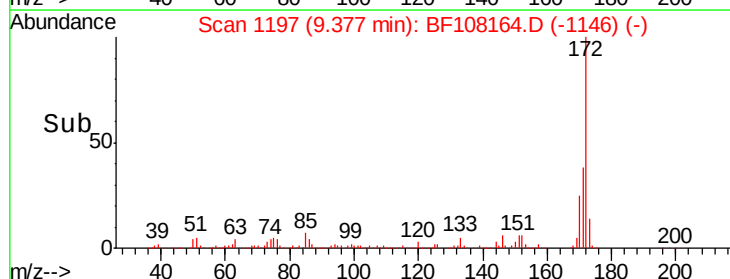


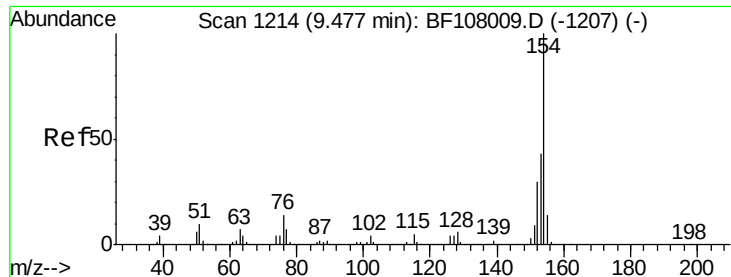
Abundance

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

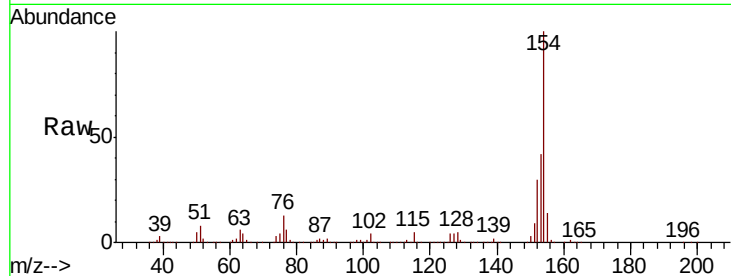




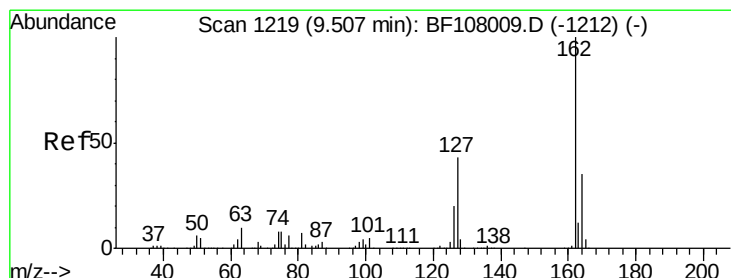
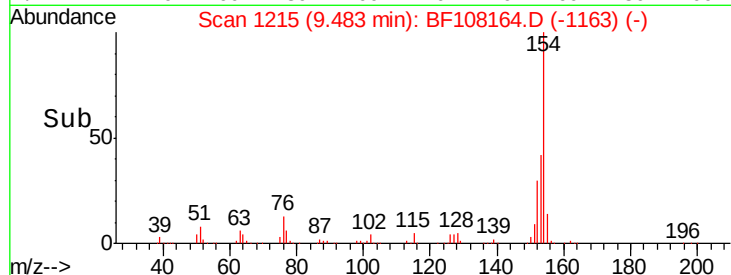
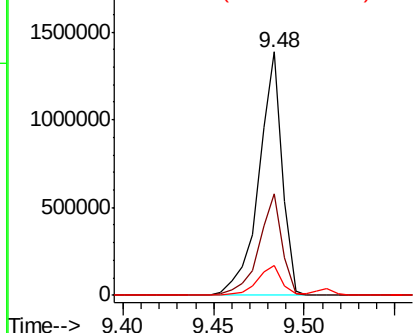
#45
 1,1'-Biphenyl
 Concen: 43.047 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1241866
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.3 61.3
 76 12.5 0.0 34.0

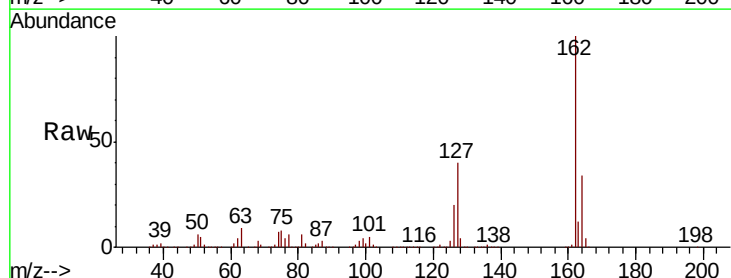


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

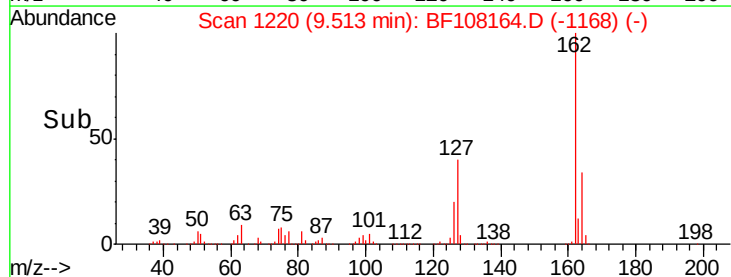
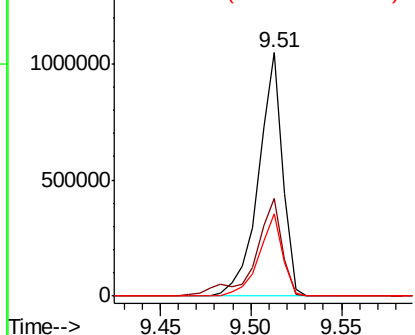


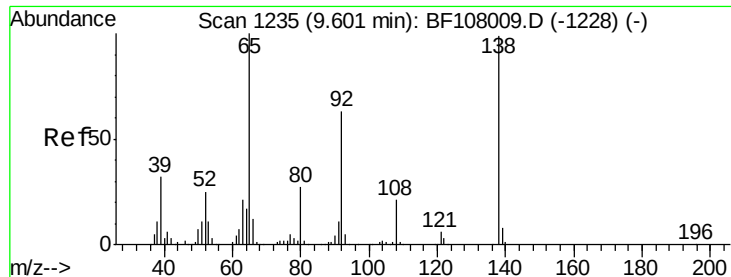
#46
 2-Chloronaphthalene
 Concen: 42.464 ng
 RT: 9.51 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion:162 Resp: 968224
 Ion Ratio Lower Upper
 162 100
 127 40.1 33.9 50.9
 164 33.8 26.5 39.7



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





#47

2-Nitroaniline

Concen: 44.785 ng

RT: 9.61 min Scan# 1236

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampled :

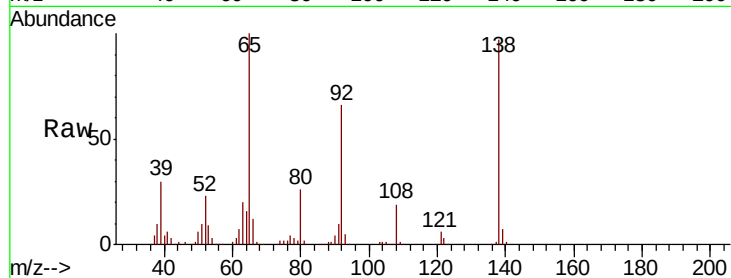
Tot Ion: 65 Resp: 330405

Ion Ratio Lower Upper

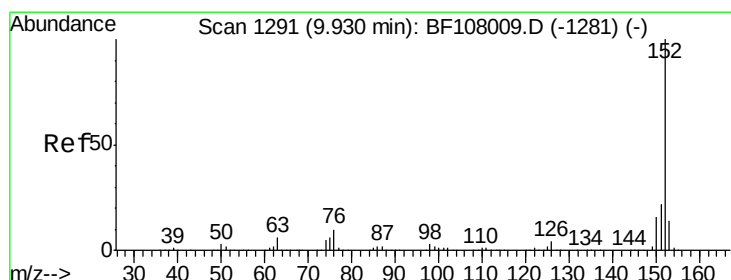
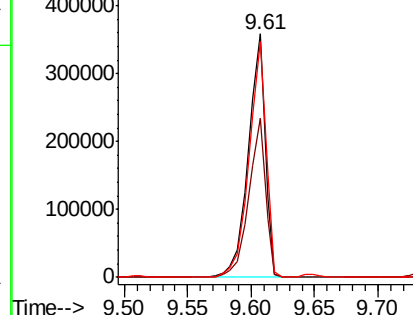
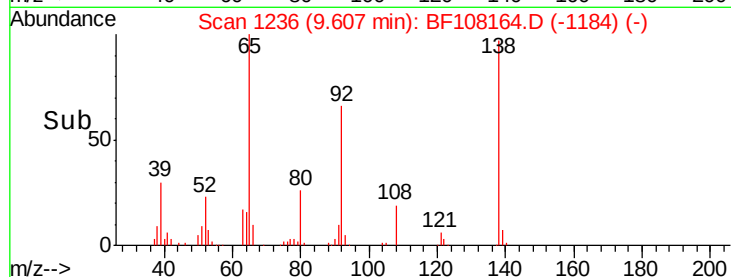
65 100

92 65.6 55.8 83.6

138 96.7 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 42.826 ng

RT: 9.93 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

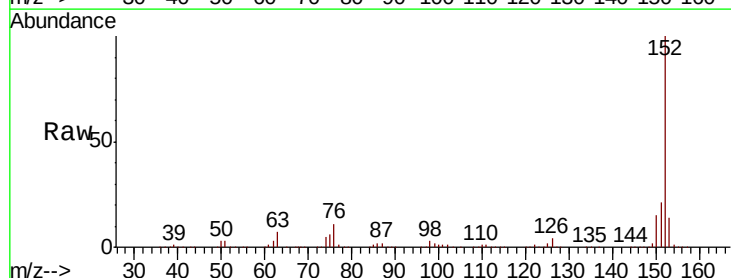
Tgt Ion: 152 Resp: 1543732

Ion Ratio Lower Upper

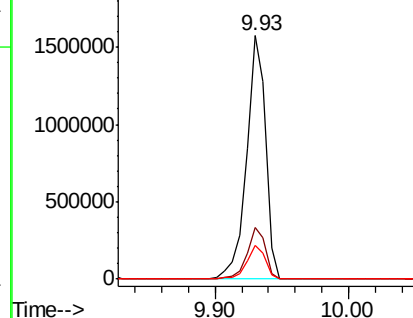
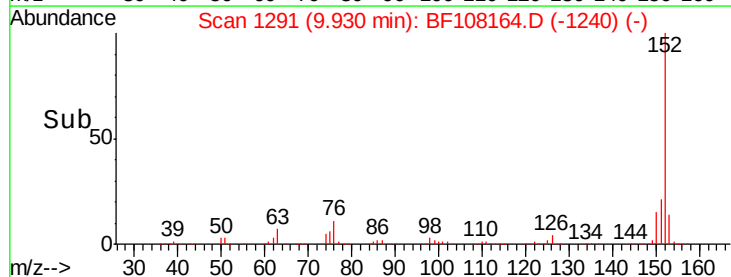
152 100

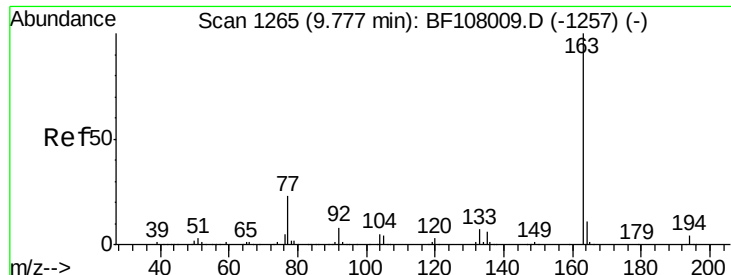
151 21.2 16.3 24.5

153 13.9 10.7 16.1



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

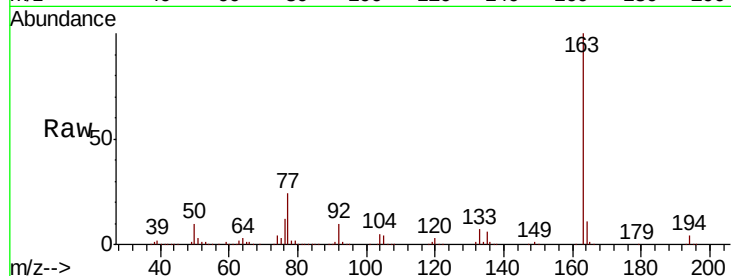




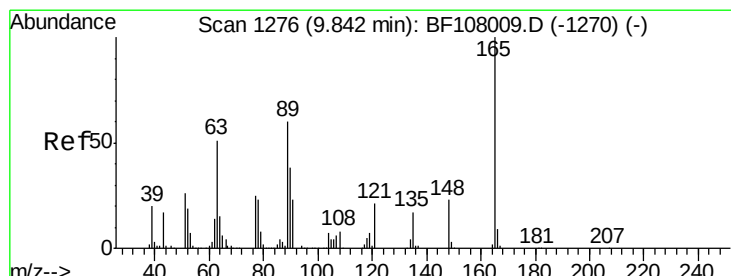
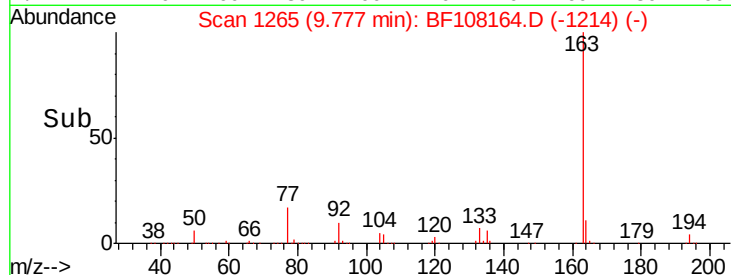
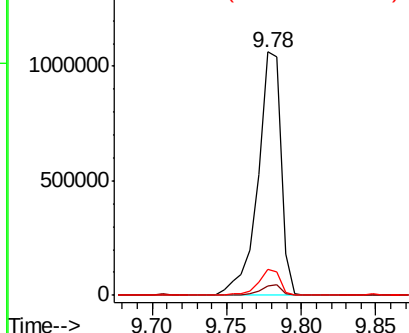
#49
Dimethylphthalate
Concen: 41.601 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1133859
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.8 8.2 12.2

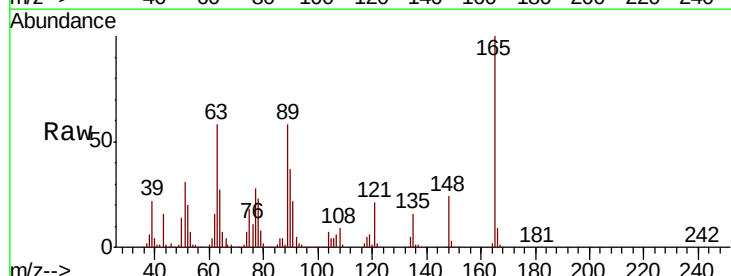


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

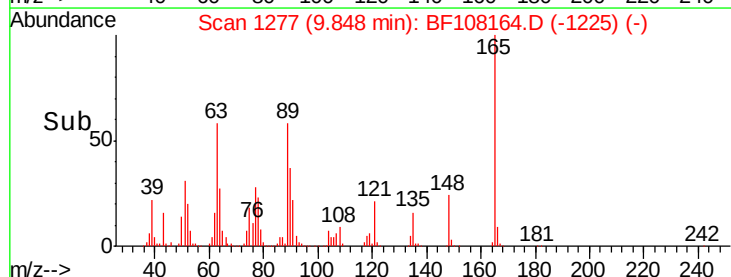
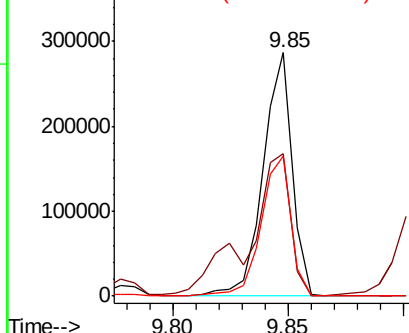


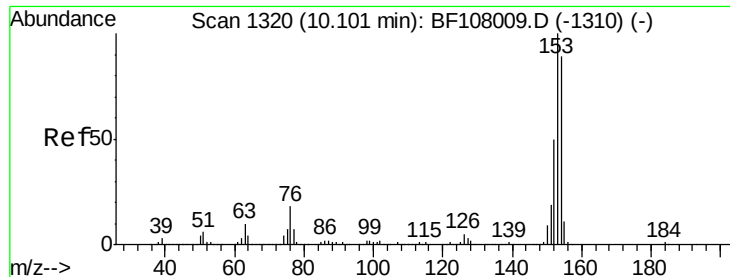
#50
2,6-Dinitrotoluene
Concen: 44.022 ng
RT: 9.85 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion:165 Resp: 251034
Ion Ratio Lower Upper
165 100
63 58.4 44.7 67.1
89 57.6 44.0 66.0



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





#51

Acenaphthene

Concen: 45.348 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

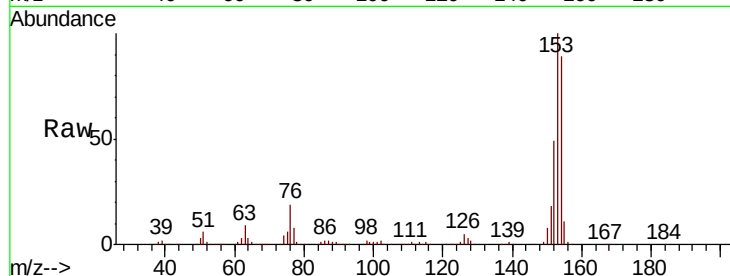
Tot Ion:154 Resp: 1001228

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

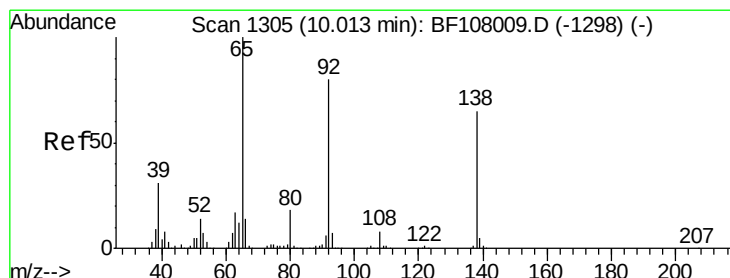
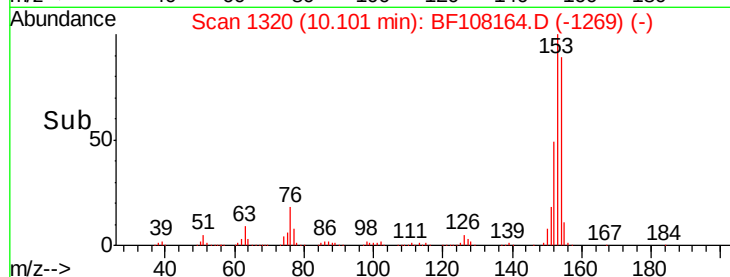
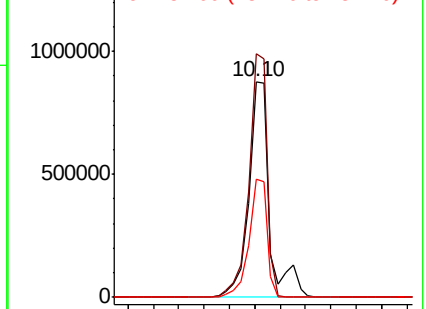
152 54.8 43.8 65.8



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



#52

3-Nitroaniline

Concen: 29.334 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

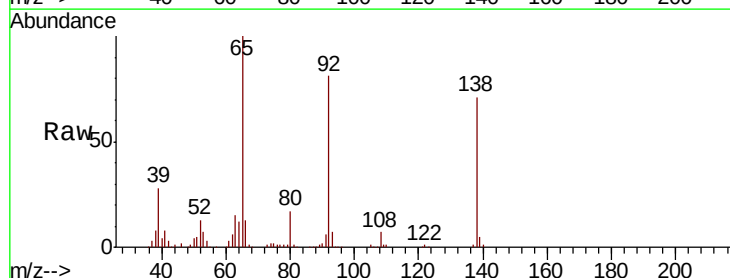
Tgt Ion:138 Resp: 183021

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

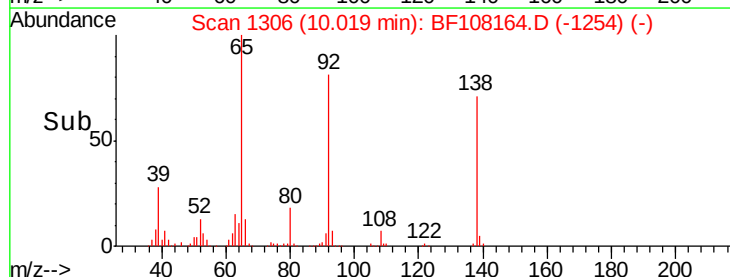
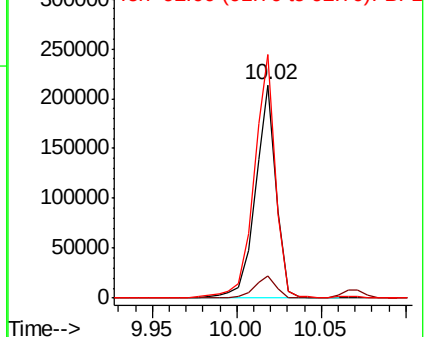
92 114.4 89.4 134.2

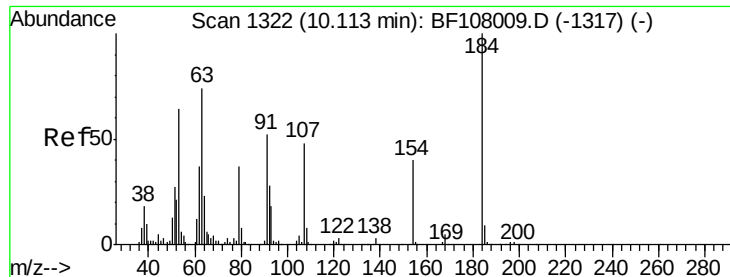


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

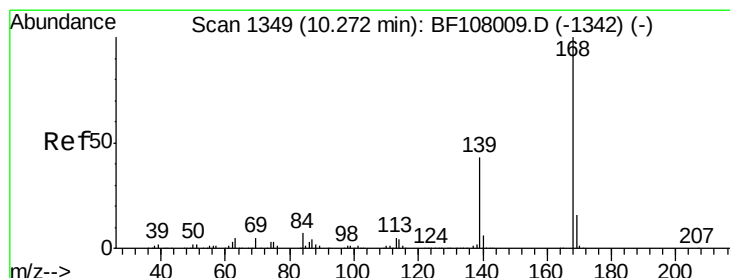
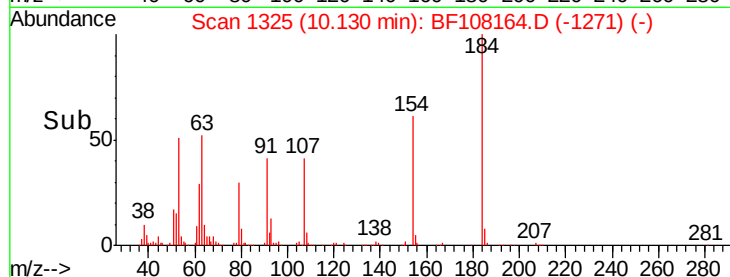
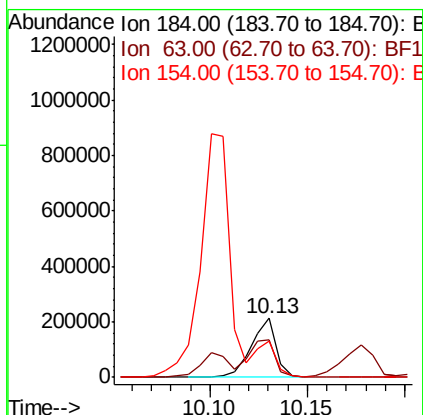
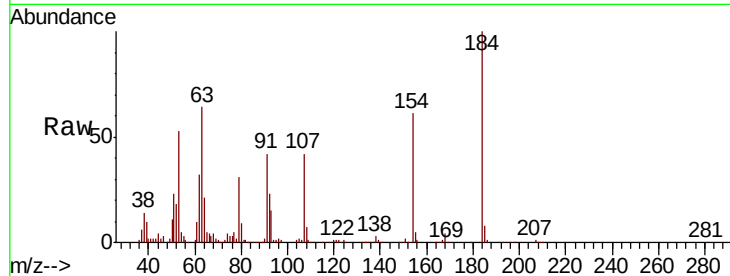




#53
 2,4-Dinitrophenol
 Concen: 87.119 ng
 RT: 10.13 min Scan# 1325
 Delta R.T. 0.02 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

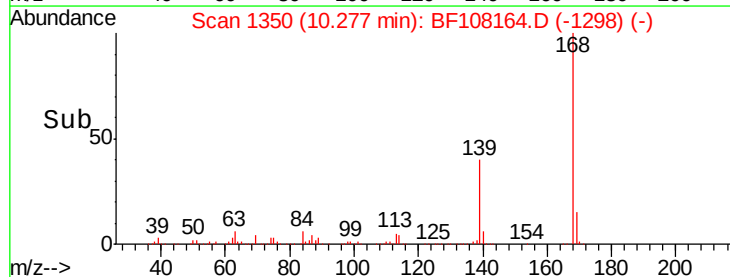
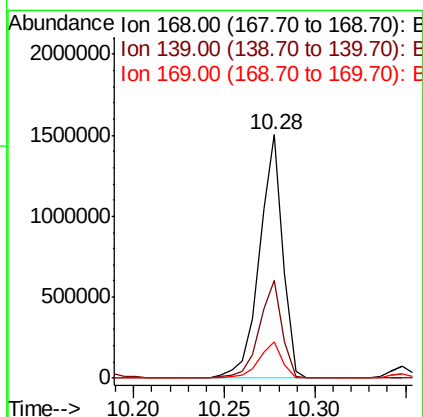
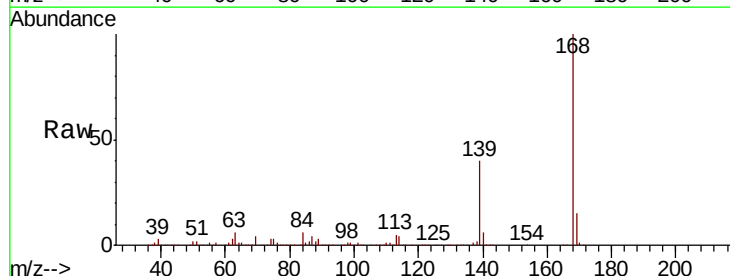
Instrument :
 BNA_F
 ClientSampleId :

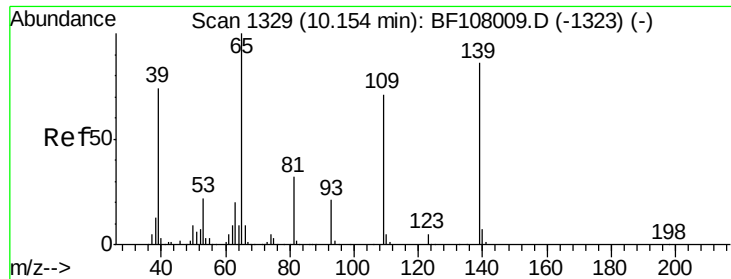
Tot Ion:184 Resp: 187382
 Ion Ratio Lower Upper
 184 100
 63 64.3 54.2 81.2
 154 61.5 184.0 276.0#



#54
 Dibenzofuran
 Concen: 41.705 ng
 RT: 10.28 min Scan# 1350
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion:168 Resp: 1334010
 Ion Ratio Lower Upper
 168 100
 139 40.0 30.1 45.1
 169 14.8 10.9 16.3





#55

4-Nitrophenol

Concen: 84.333 ng

RT: 10.18 min Scan# 1333

Delta R.T. 0.02 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

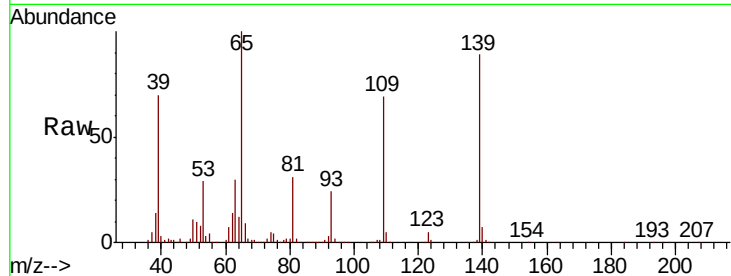
Tot Ion:139 Resp: 398441

Ion Ratio Lower Upper

139 100

109 76.9 48.4 88.4

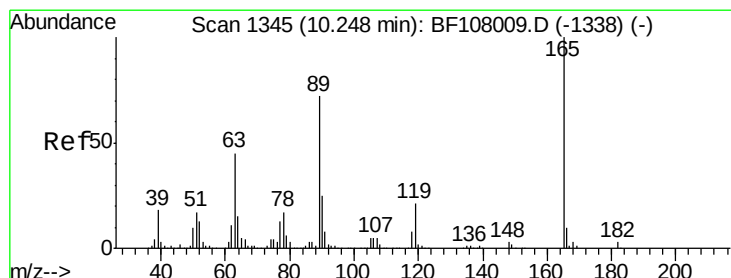
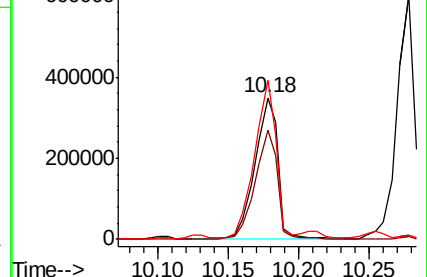
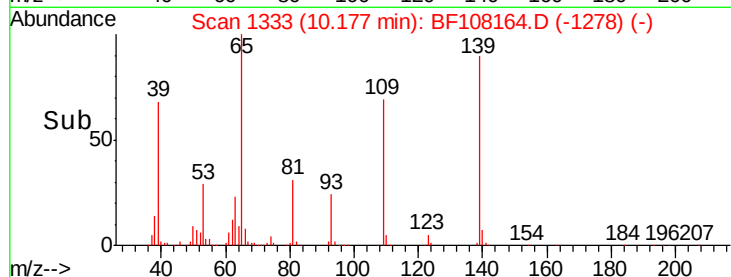
65 112.0 72.6 112.6



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



#56

2,4-Dinitrotoluene

Concen: 45.995 ng

RT: 10.25 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Tgt Ion:165 Resp: 337606

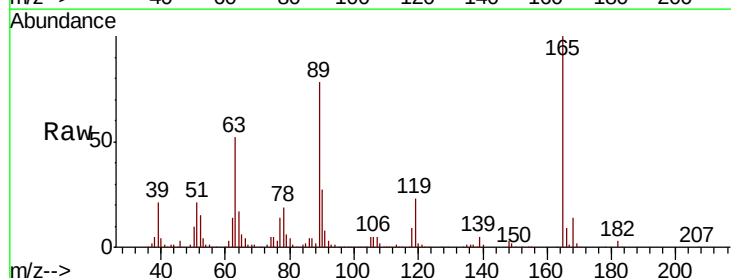
Ion Ratio Lower Upper

165 100

63 51.6 36.4 54.6

89 77.6 57.8 86.6

182 2.7 1.6 2.4#

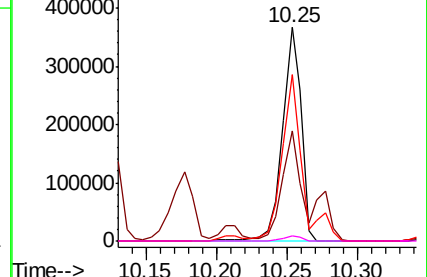
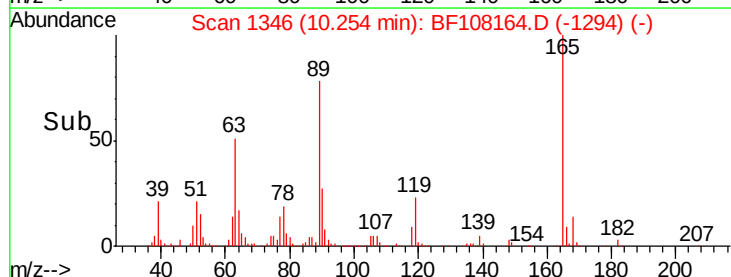


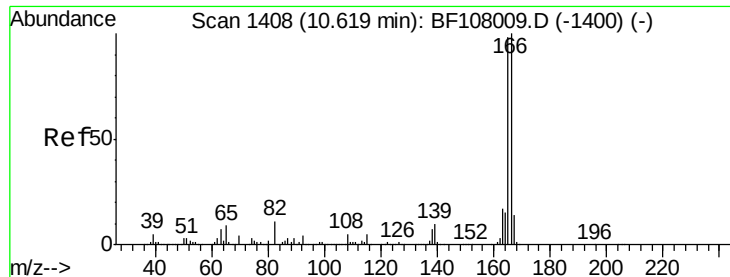
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

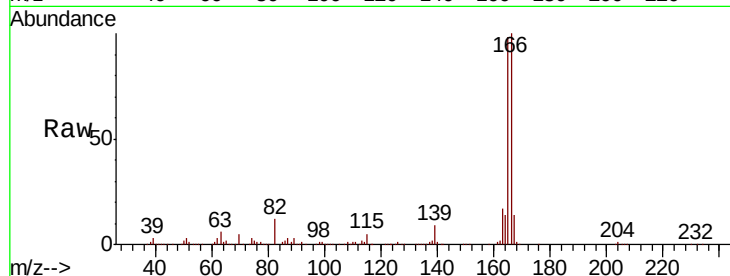




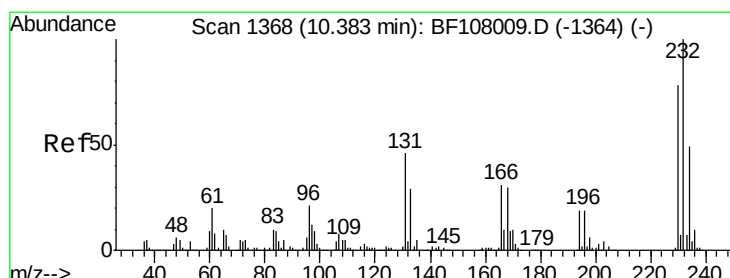
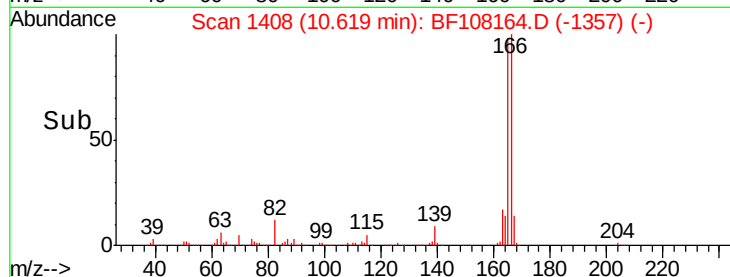
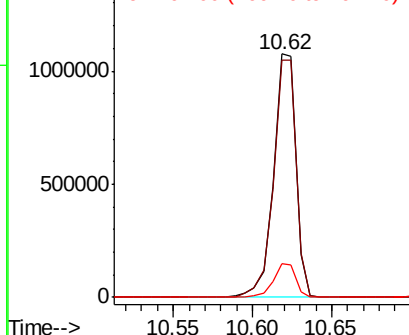
#57
 Fluorene
 Concen: 41.966 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 1062634
 Ion Ratio Lower Upper
 166 100
 165 97.7 79.8 119.8
 167 13.9 10.6 16.0

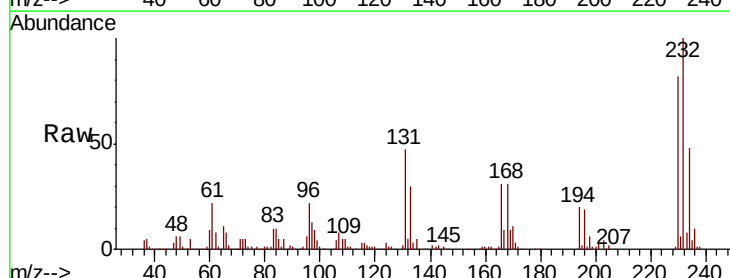


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

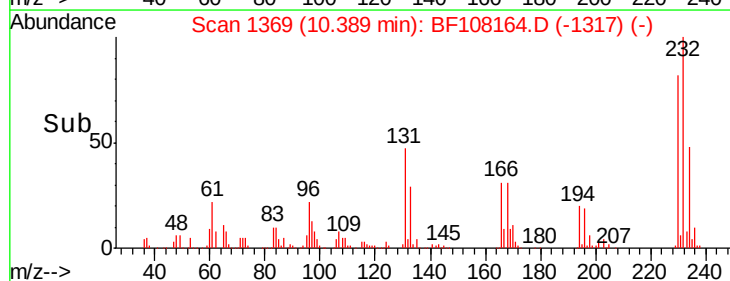
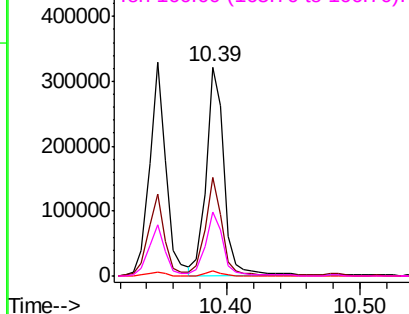


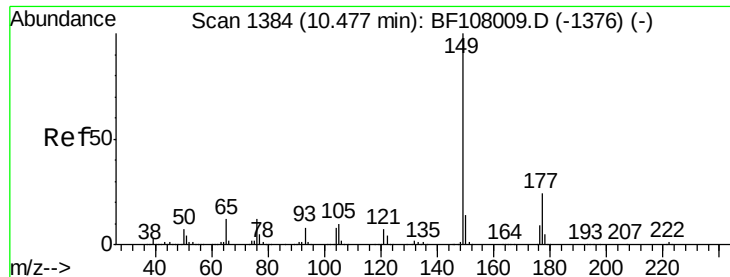
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.777 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion:232 Resp: 300332
 Ion Ratio Lower Upper
 232 100
 131 43.5 43.8 65.8#
 130 2.2 2.1 3.1
 166 29.6 27.8 41.6



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





#59

Diethylphthalate

Concen: 41.486 ng

RT: 10.48 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

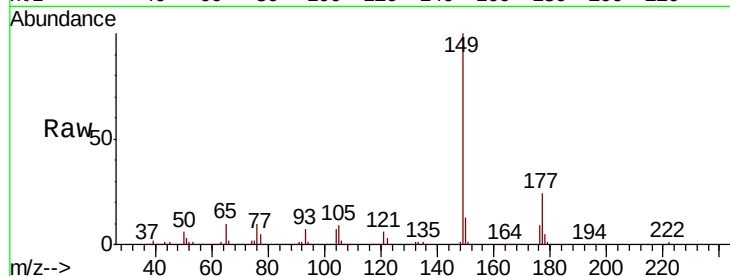
Tot Ion:149 Resp: 1094918

Ion Ratio Lower Upper

149 100

177 23.7 16.1 24.1

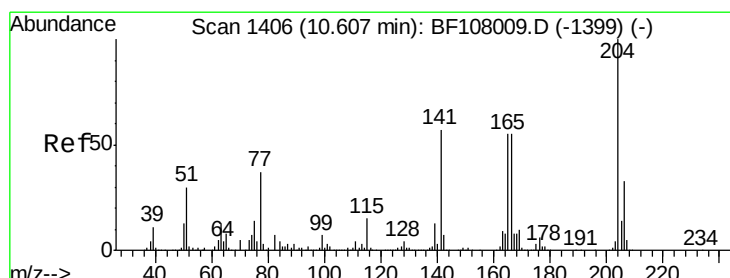
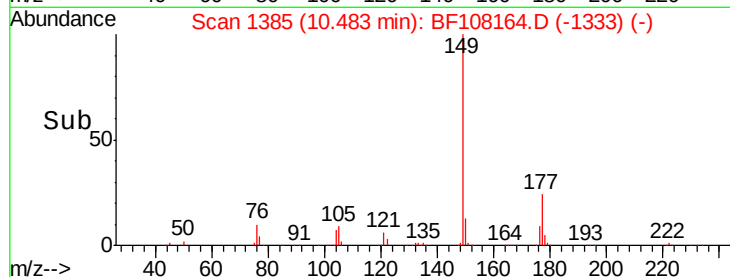
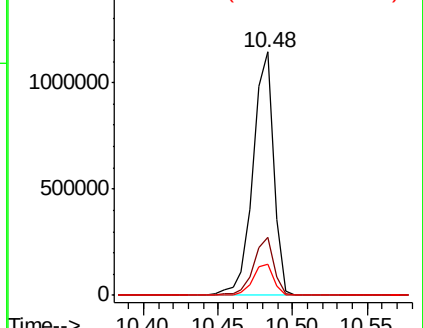
150 12.5 10.1 15.1



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



#60

4-Chlorophenyl-phenylether

Concen: 41.630 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

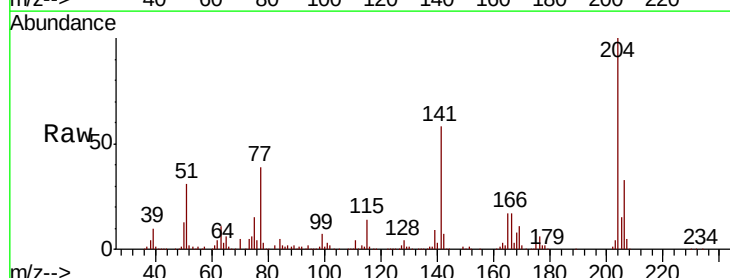
Tgt Ion:204 Resp: 549277

Ion Ratio Lower Upper

204 100

206 33.0 26.5 39.7

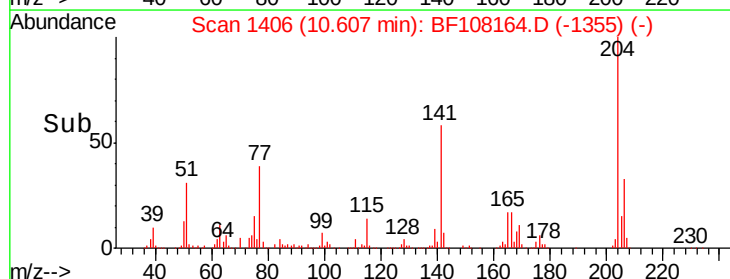
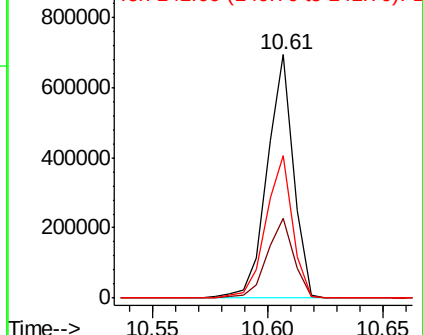
141 58.3 54.6 81.8

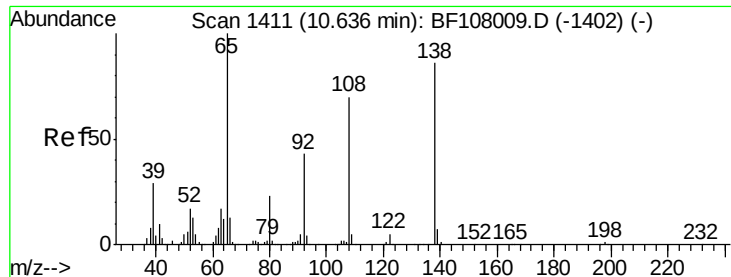


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

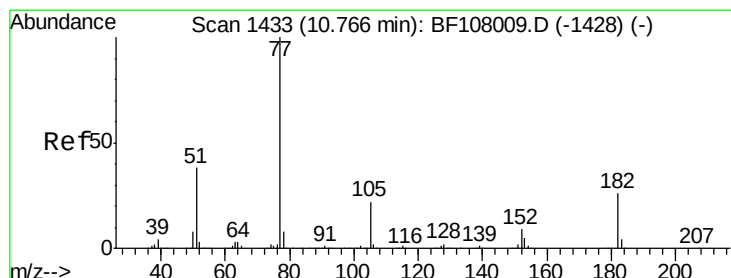
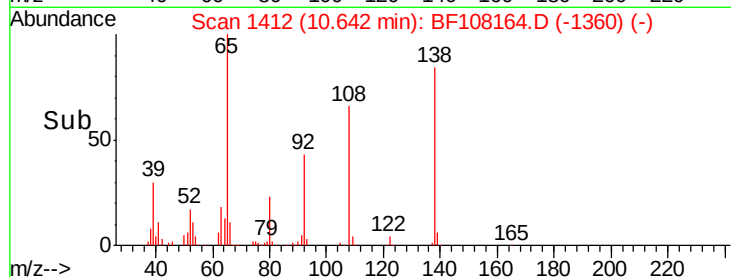
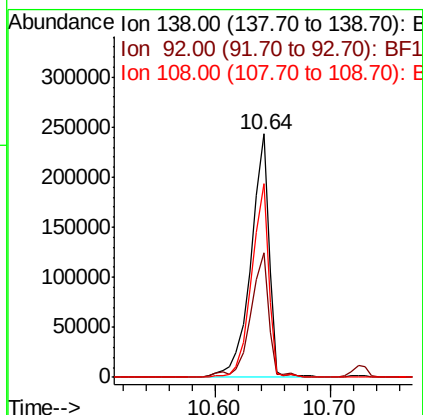
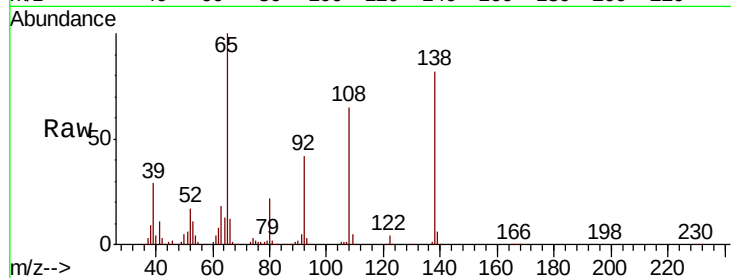




#61
4-Nitroaniline
Concen: 43.076 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

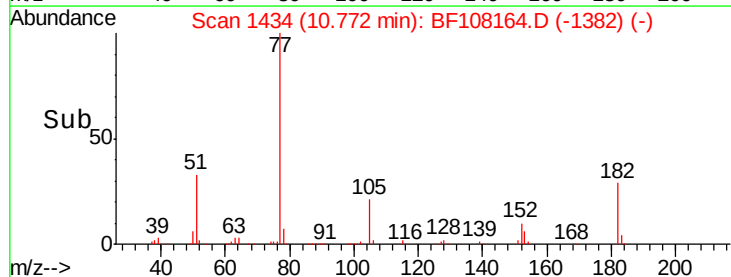
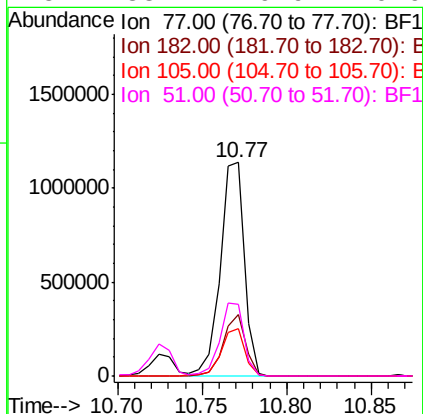
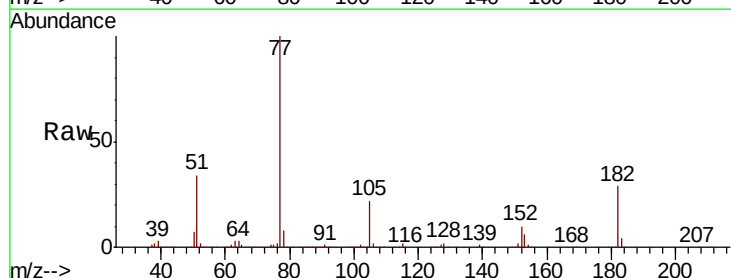
Instrument :
BNA_F
ClientSampled :

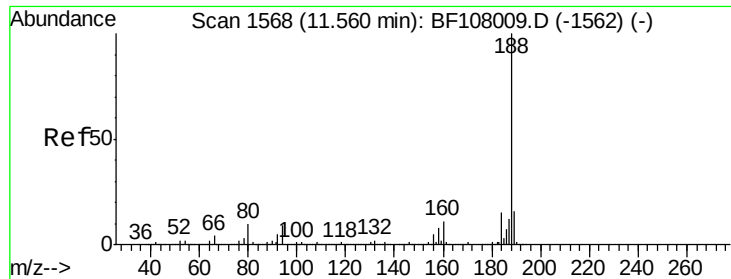
Tot Ion:138 Resp: 265713
Ion Ratio Lower Upper
138 100
92 51.4 30.2 70.2
108 79.7 52.5 92.5



#62
Azobenzene
Concen: 41.391 ng
RT: 10.77 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion: 77 Resp: 1128179
Ion Ratio Lower Upper
77 100
182 28.7 1.7 41.7
105 22.2 3.0 43.0
51 33.7 9.9 49.9

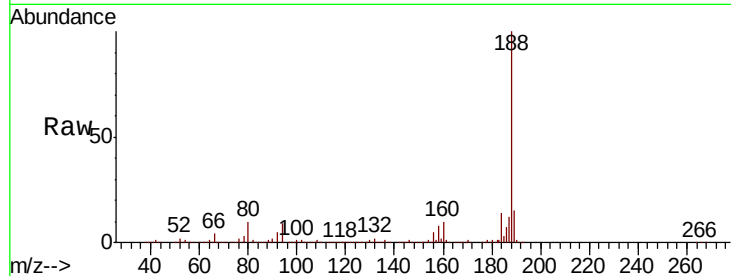




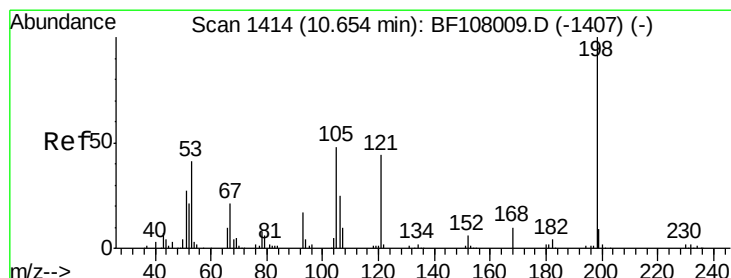
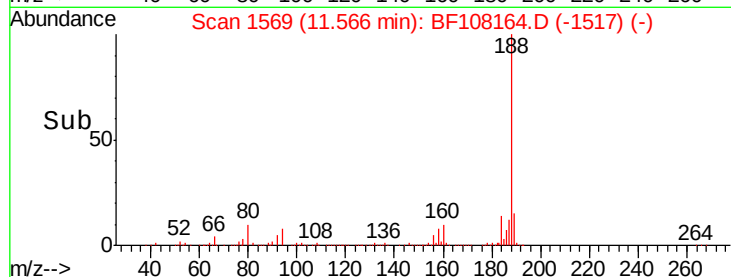
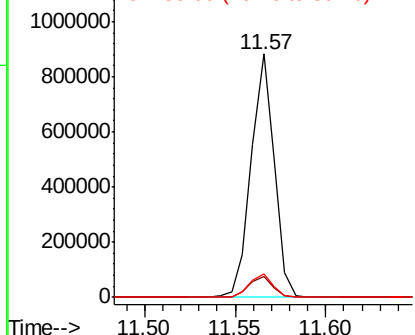
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 784030
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.6 9.2 13.8

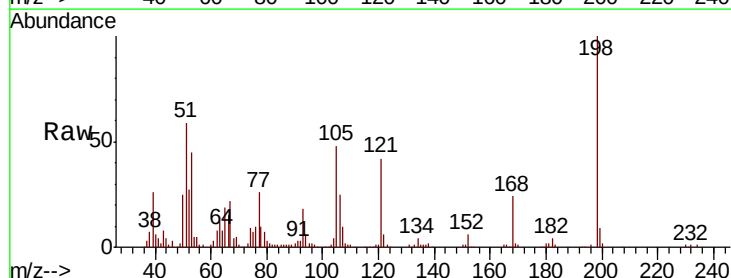


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

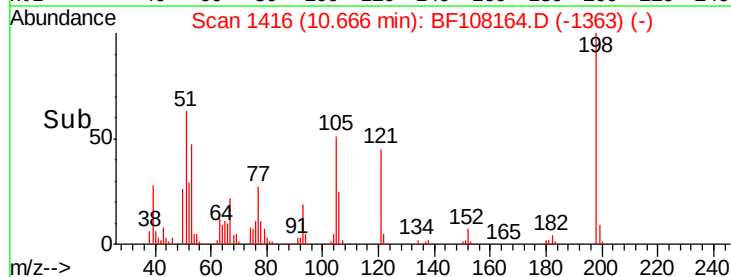
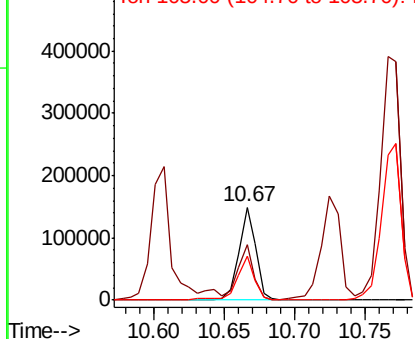


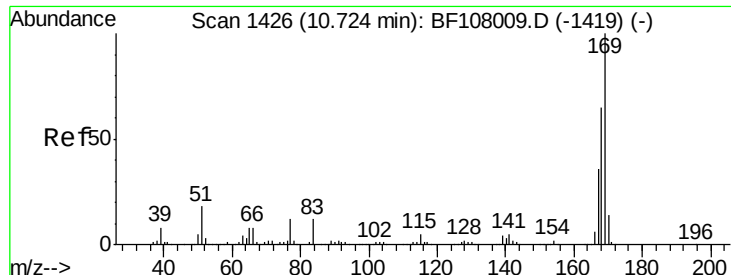
#64
4,6-Dinitro-2-methylphenol
Concen: 42.986 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion:198 Resp: 124676
Ion Ratio Lower Upper
198 100
51 59.0 37.7 77.7
105 47.6 36.3 76.3



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

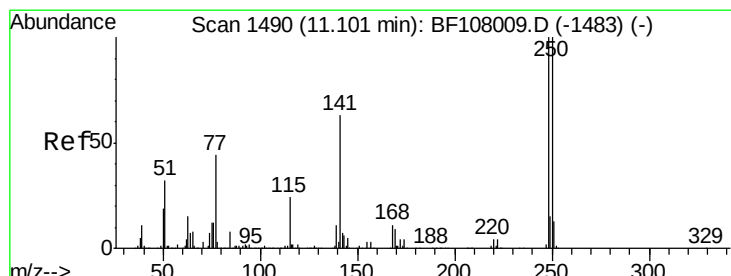
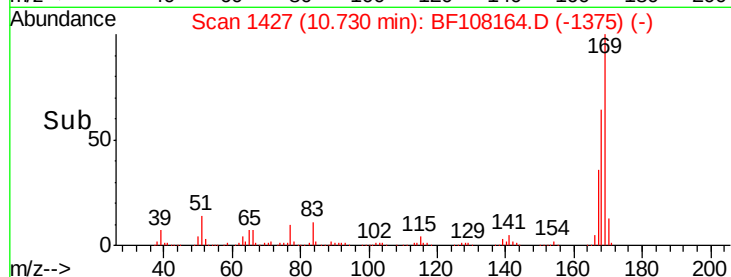
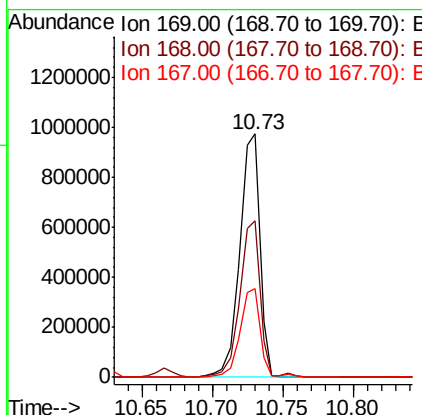
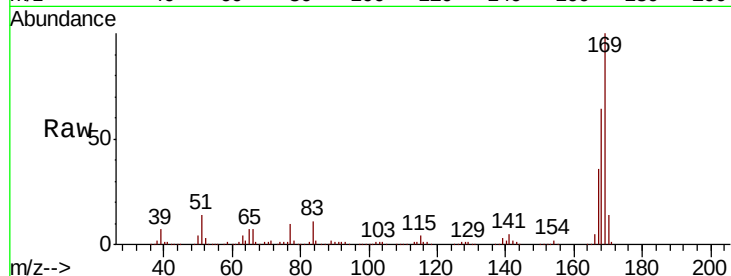




#65
 n-Nitrosodiphenylamine
 Concen: 41.801 ng
 RT: 10.73 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

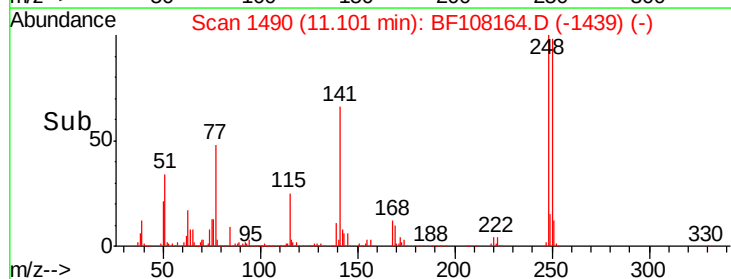
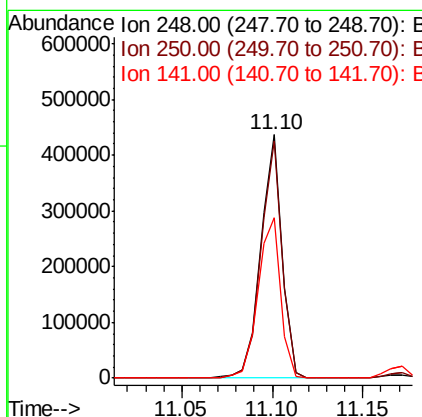
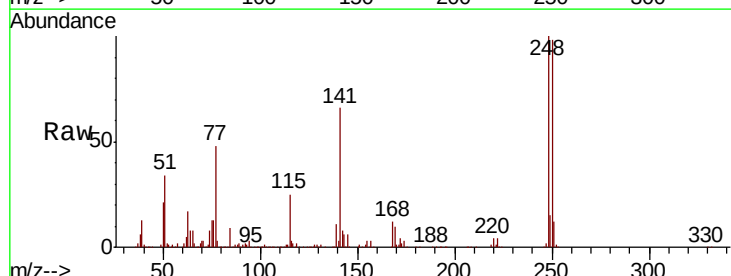
Instrument :
 BNA_F
 ClientSampleId :

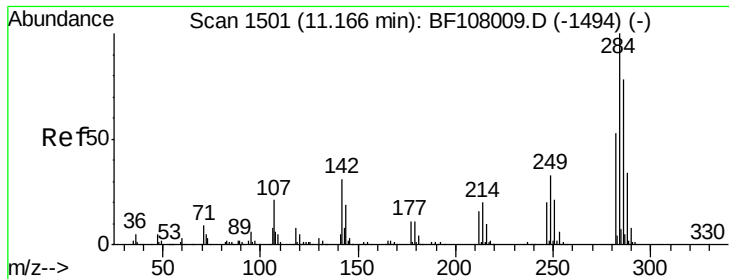
Tot Ion	Ratio	Lower	Upper
169	100		
168	64.5	54.4	81.6
167	36.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.852 ng
 RT: 11.10 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.9	115.3
141	66.1	74.4	111.6

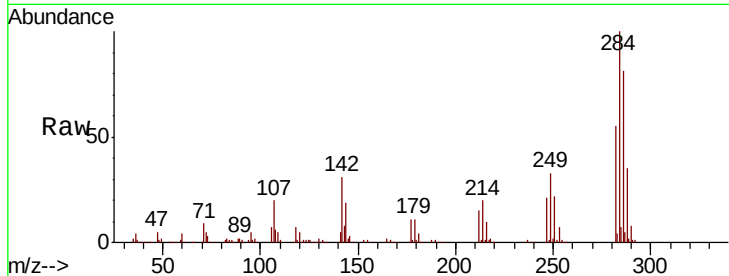




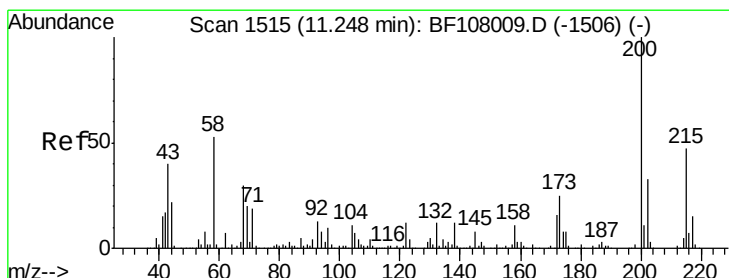
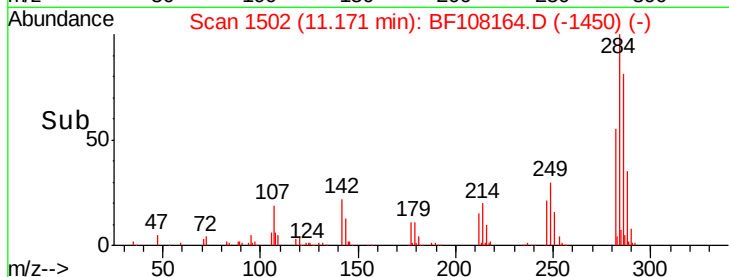
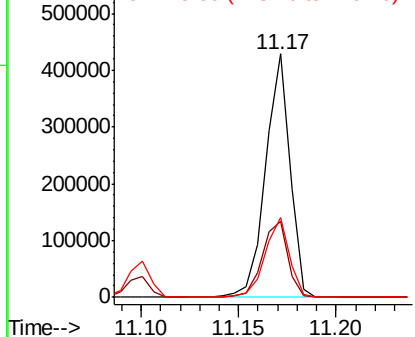
#67
Hexachlorobenzene
Concen: 41.179 ng
RT: 11.17 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.2	34.6	52.0#
249	32.7	24.8	37.2

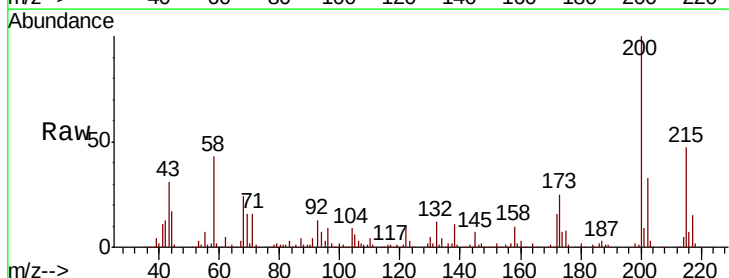


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

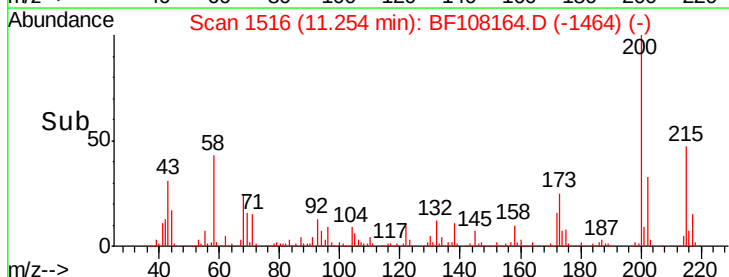
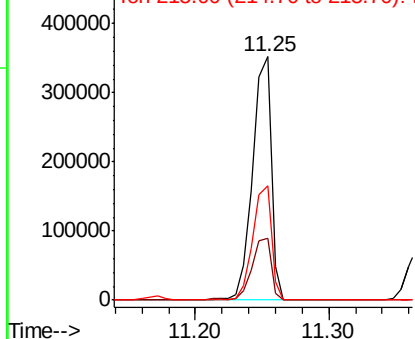


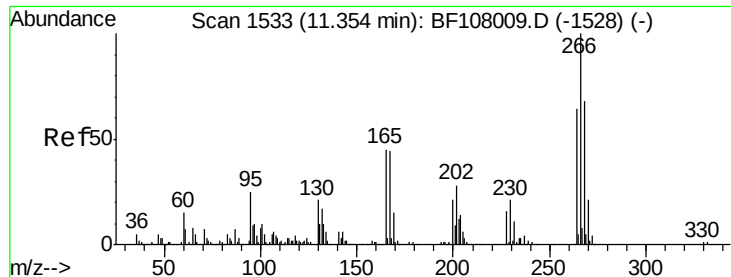
#68
Atrazine
Concen: 43.080 ng
RT: 11.25 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.3	8.6	48.6
215	47.0	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

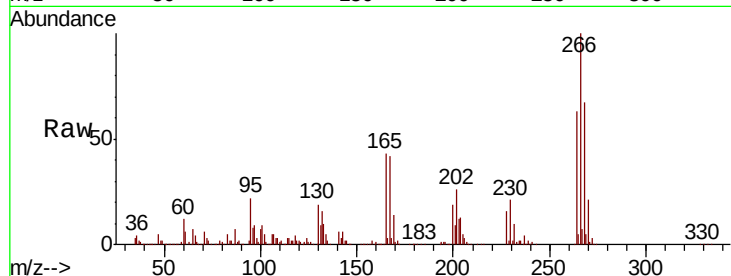




#69
 Pentachlorophenol
 Concen: 86.743 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.0	51.1	76.7
264	63.2	49.5	74.3

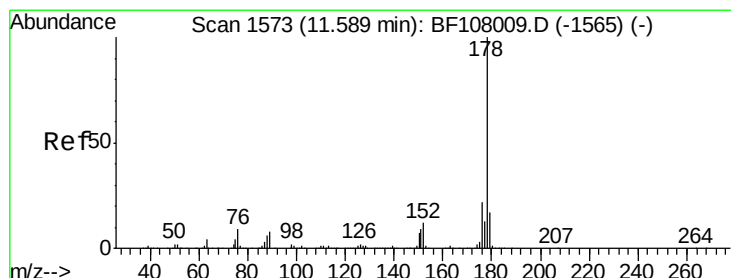
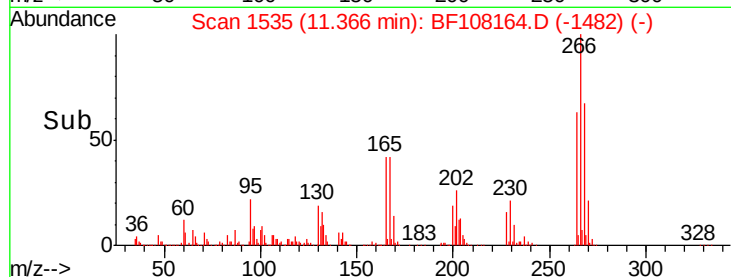
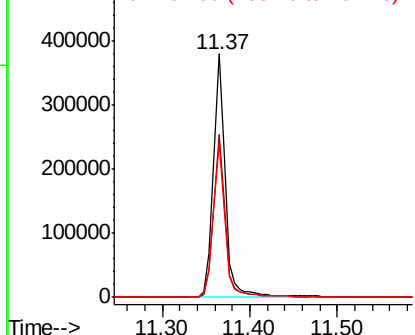


Abundance

Ion 265.70 (265.40 to 266.40): E

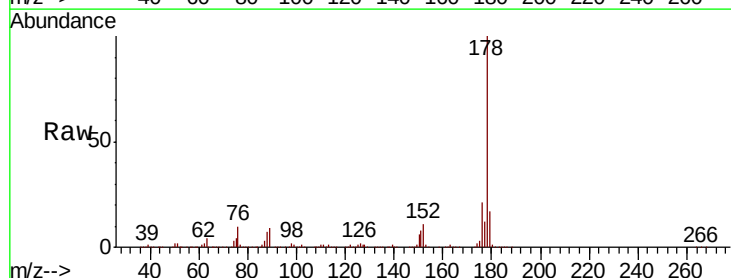
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 41.349 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.8	23.8
179	16.7	13.0	19.6

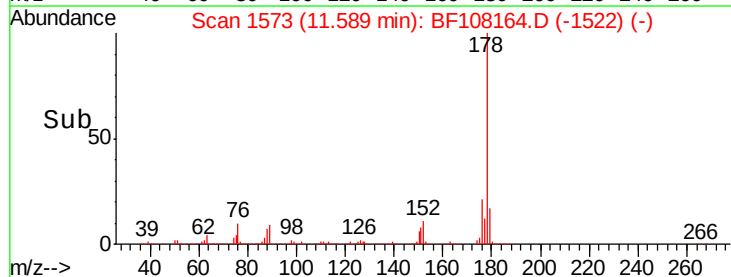
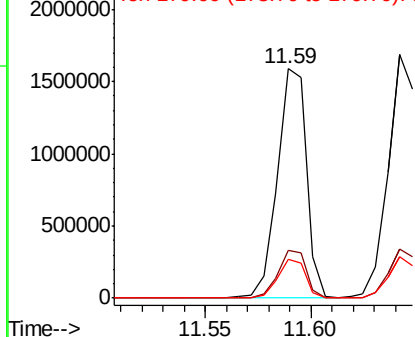


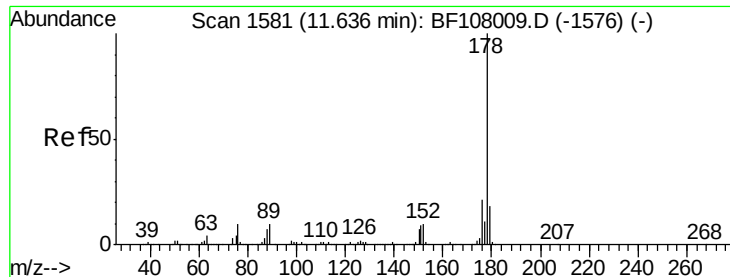
Abundance

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

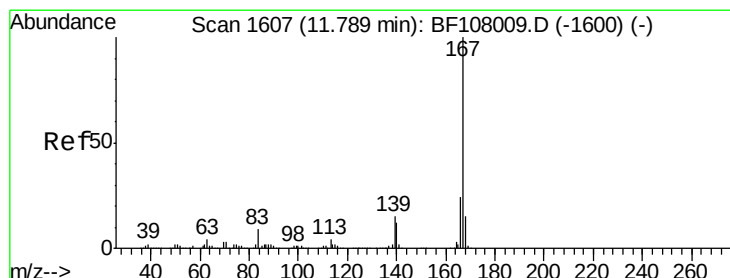
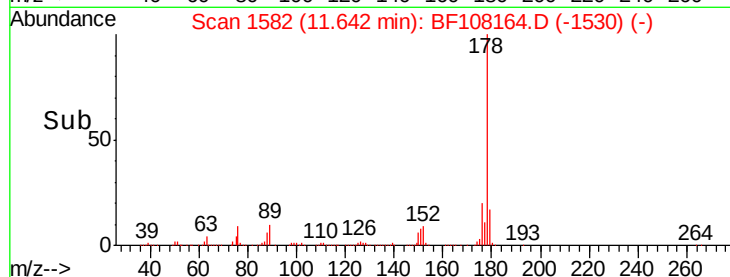
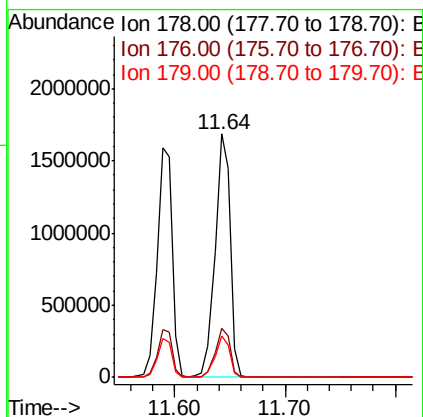
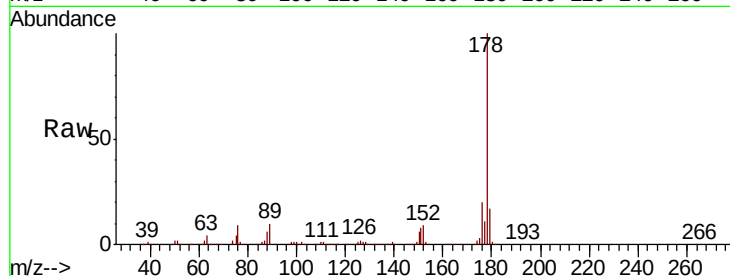




#71
 Anthracene
 Concen: 41.800 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

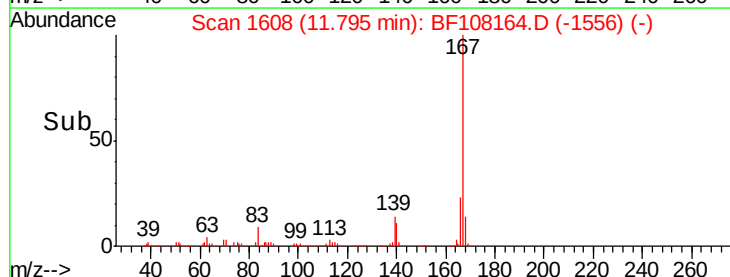
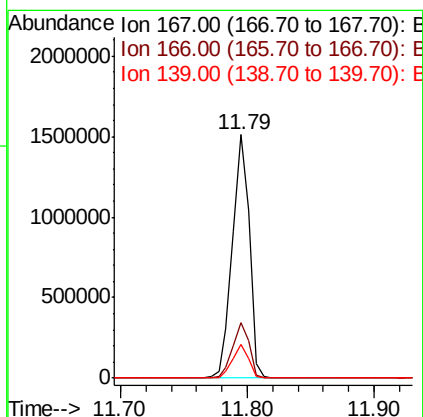
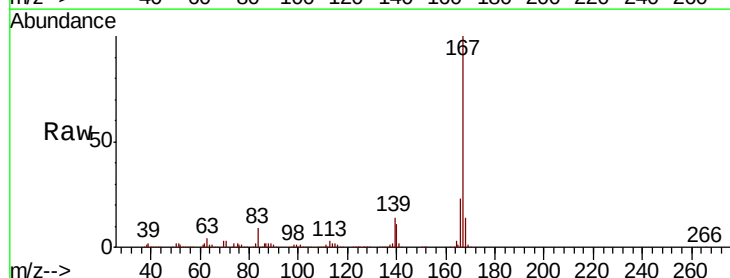
Instrument :
 BNA_F
 ClientSampleId :

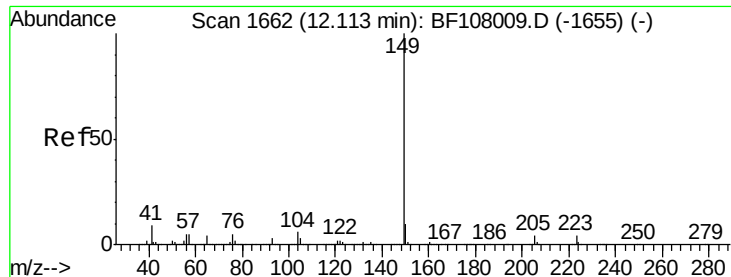
Tot Ion:178 Resp: 1584300
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.4 23.2
 179 16.7 12.6 19.0



#72
 Carbazole
 Concen: 41.297 ng
 RT: 11.79 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion:167 Resp: 1390669
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.449 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

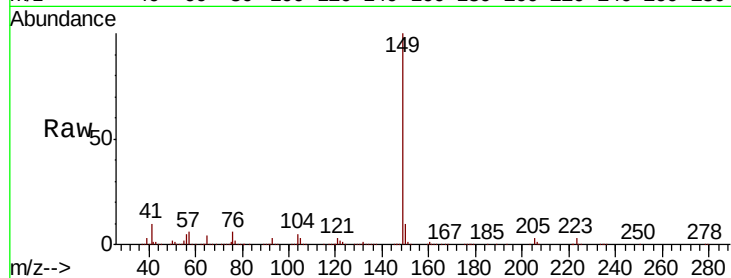
Tot Ion:149 Resp: 1657279

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

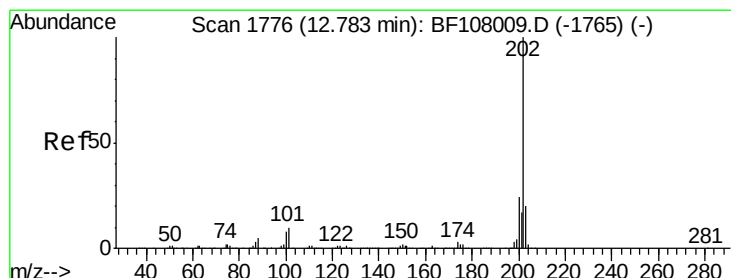
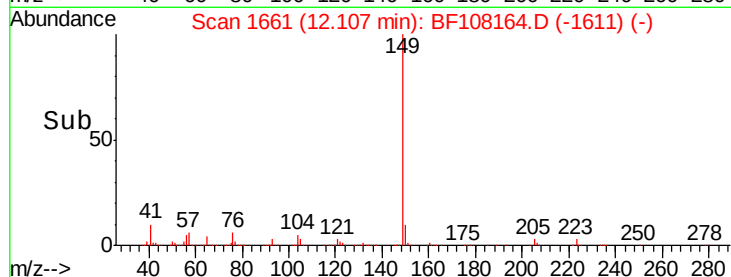
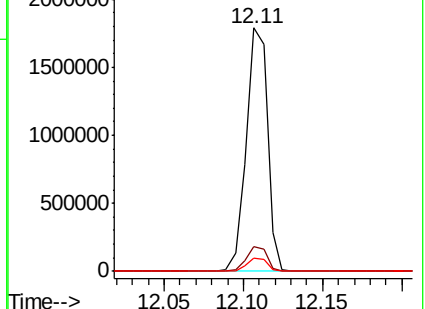
104 5.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.178 ng

RT: 12.79 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

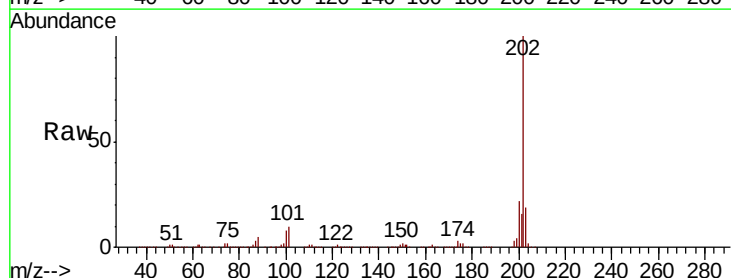
Tgt Ion:202 Resp: 1661920

Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.1

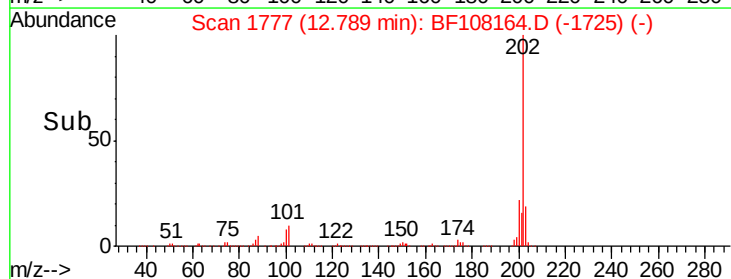
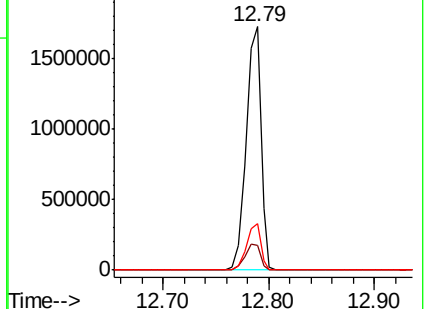
203 18.9 0.0 38.1

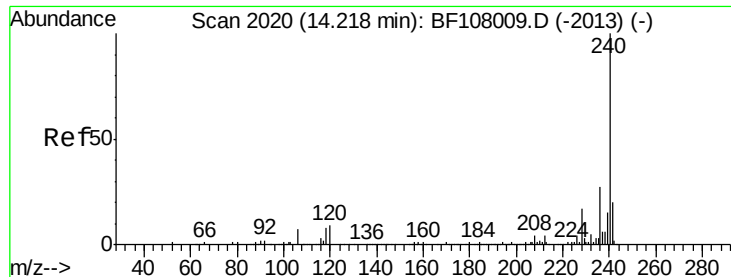


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampled :

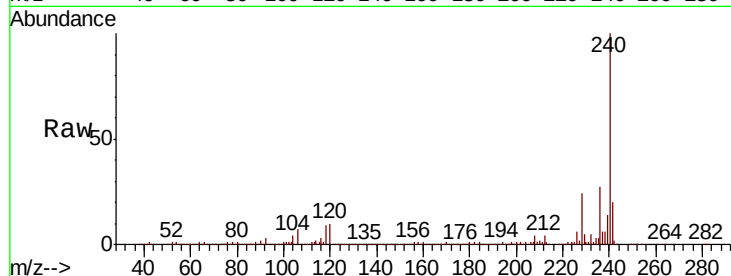
Tot Ion:240 Resp: 604235

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

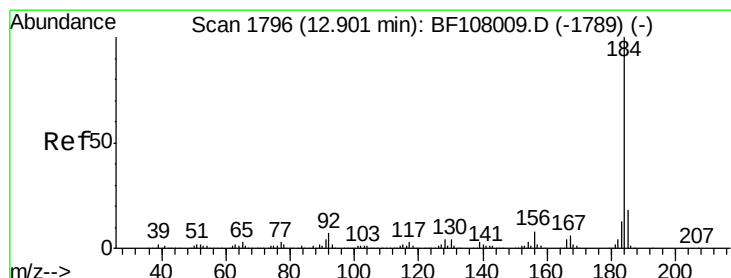
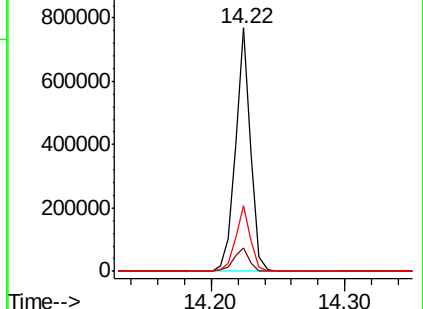
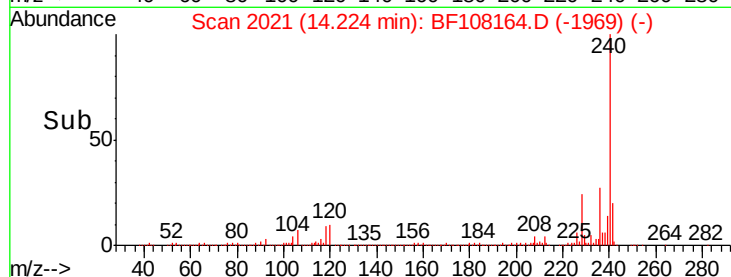
236 27.2 20.7 31.1



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



#76

Benzidine

Concen: 38.528 ng

RT: 12.90 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

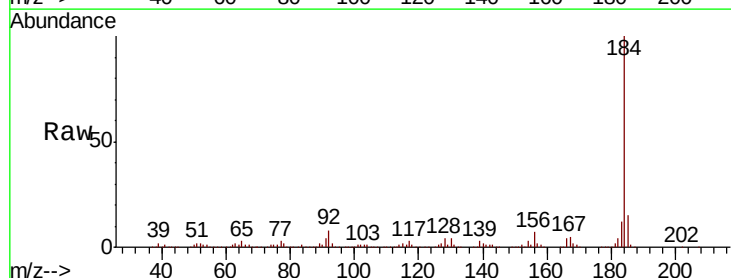
Tgt Ion:184 Resp: 869803

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

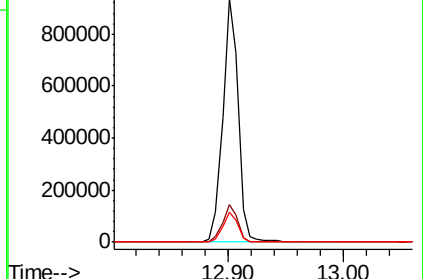
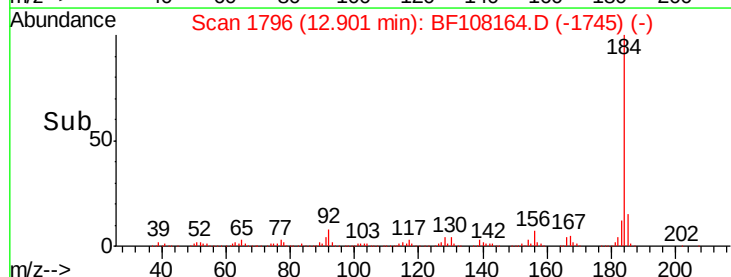
183 12.3 9.3 13.9

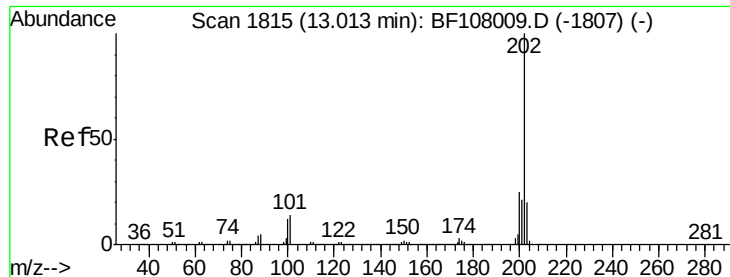


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.389 ng

RT: 13.02 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

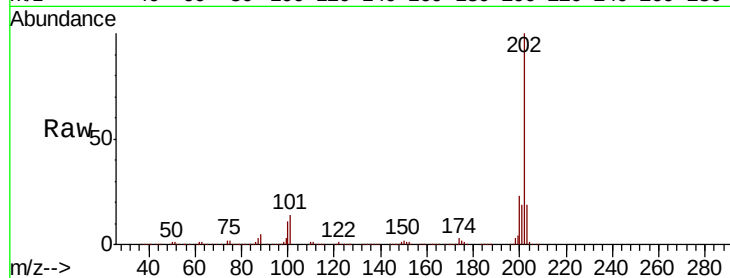
Tot Ion:202 Resp: 1659823

Ion Ratio Lower Upper

202 100

200 23.3 17.4 26.2

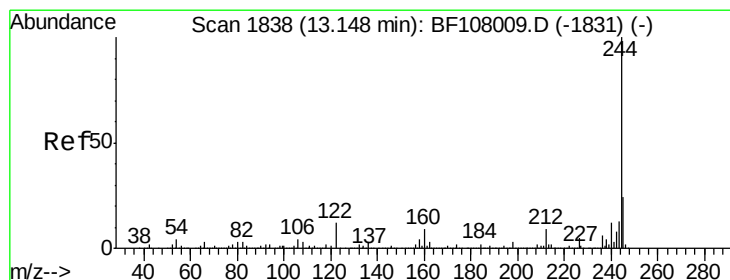
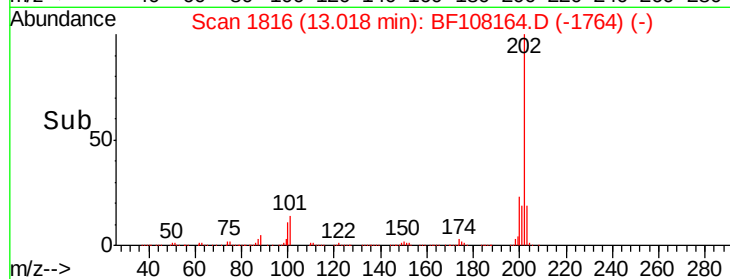
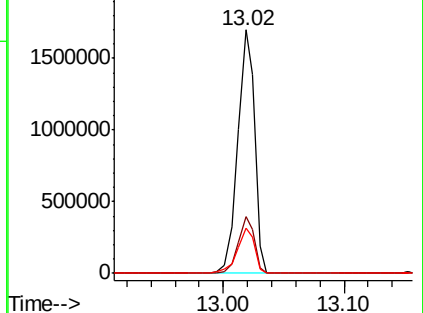
203 18.8 14.3 21.5



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



#78

Terphenyl-d14

Concen: 89.231 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

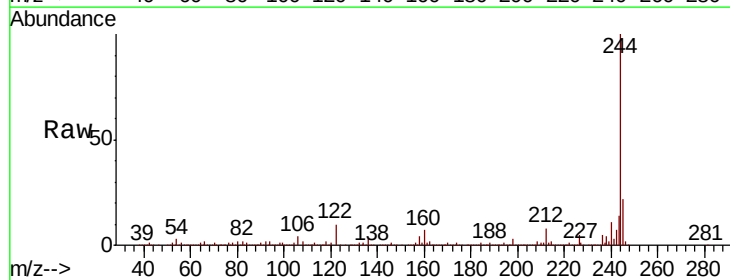
Tgt Ion:244 Resp: 2120564

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0#

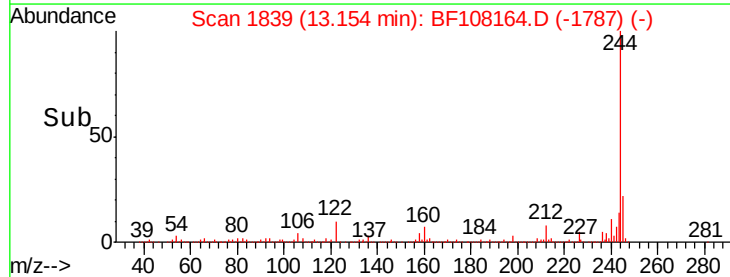
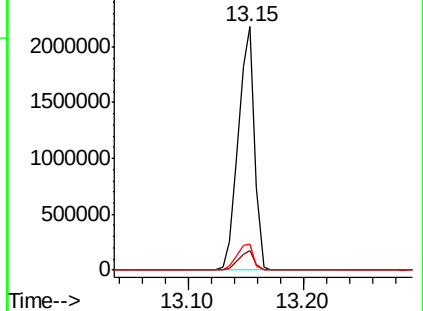
122 10.5 11.0 16.4#

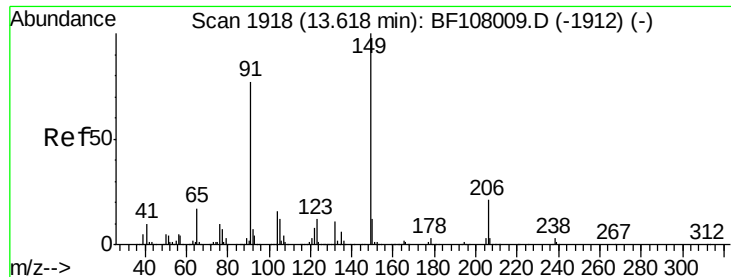


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

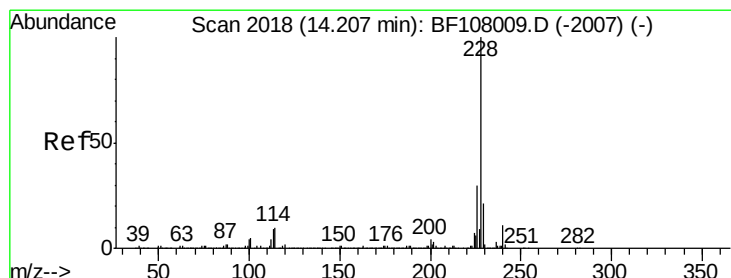
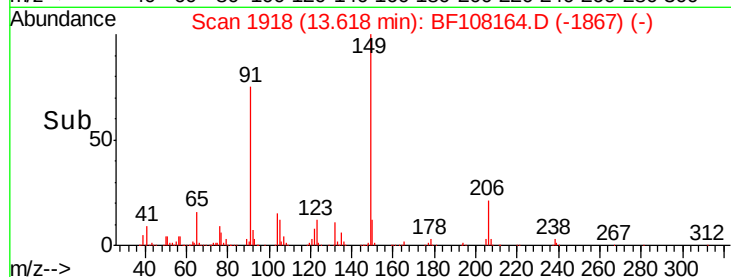
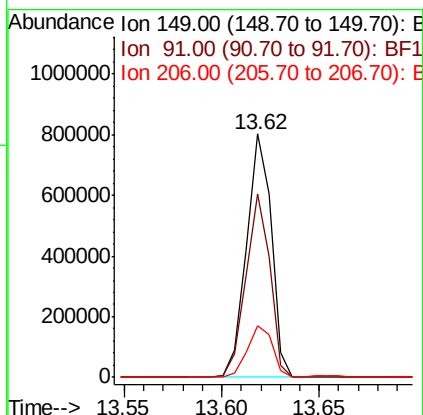
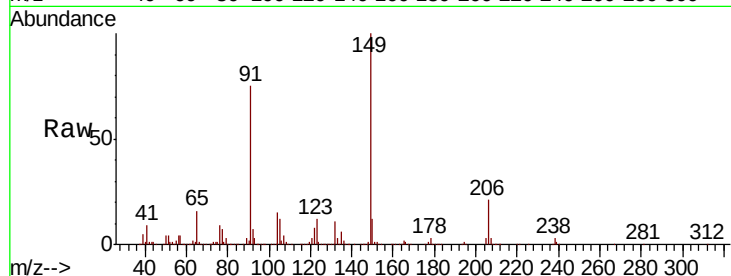




#79
Butylbenzylphthalate
Concen: 46.760 ng
RT: 13.62 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

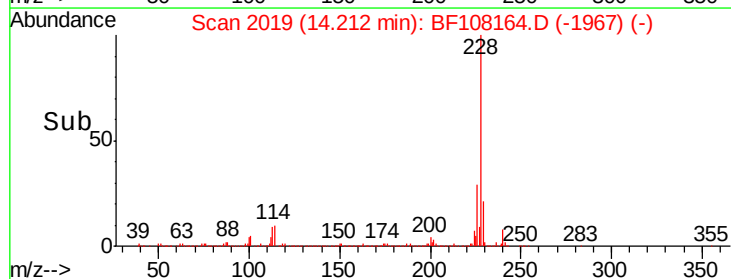
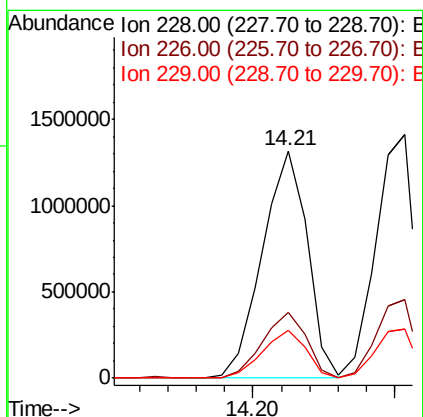
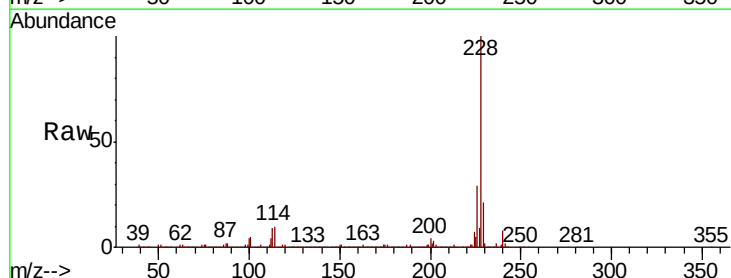
Instrument :
BNA_F
ClientSampleId :

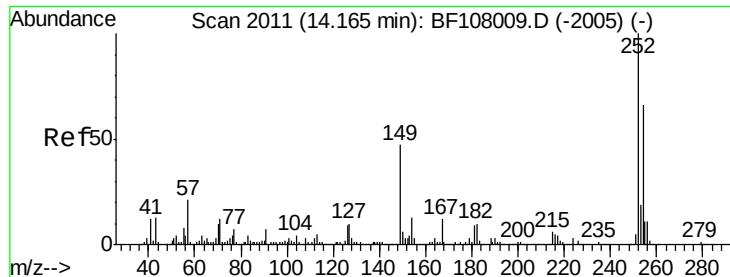
Tot Ion:149 Resp: 710299
Ion Ratio Lower Upper
149 100
91 75.4 56.8 85.2
206 21.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.125 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion:228 Resp: 1460760
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 20.9 15.8 23.6

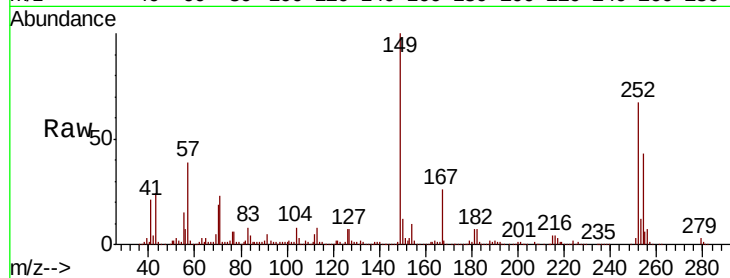




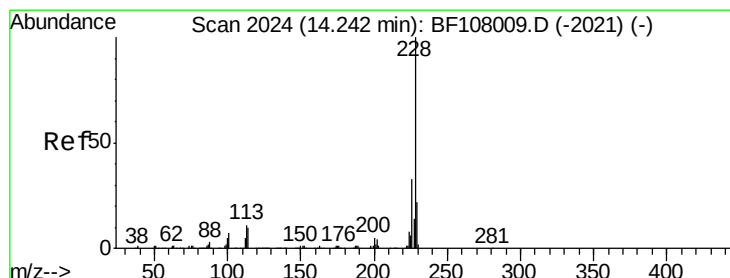
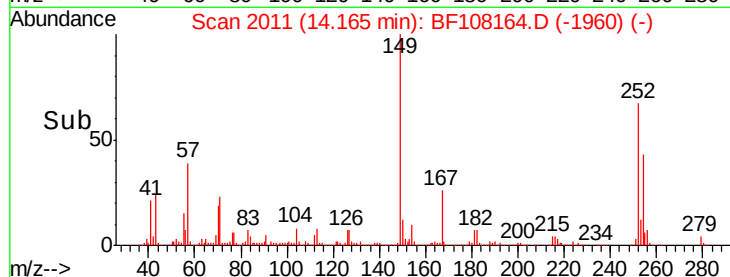
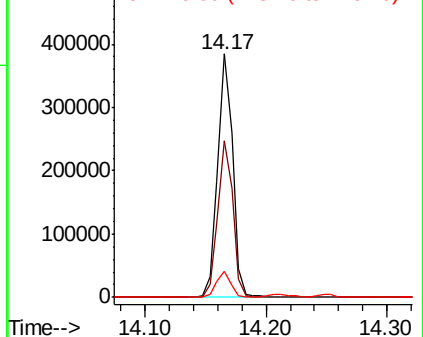
#81
 3,3'-Dichlorobenzidine
 Concen: 26.137 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 324808
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.4 75.6
 126 10.6 11.3 16.9#

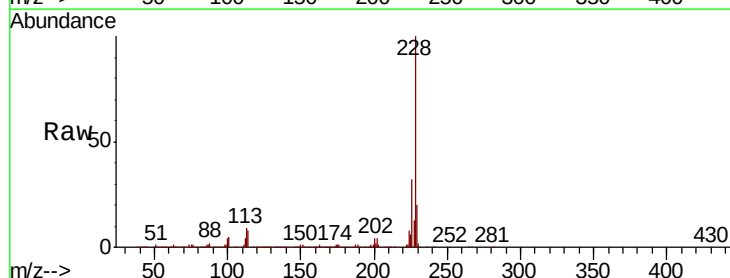


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

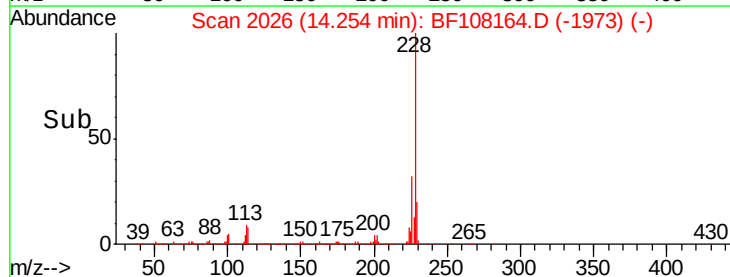
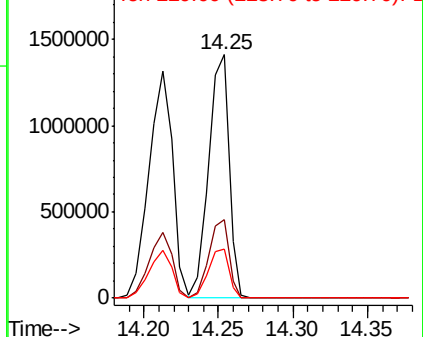


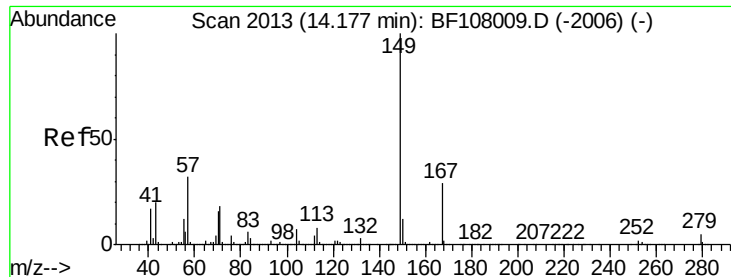
#82
 Chrysene
 Concen: 41.948 ng
 RT: 14.25 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion:228 Resp: 1333580
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.0 37.6
 229 20.1 16.2 24.4



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

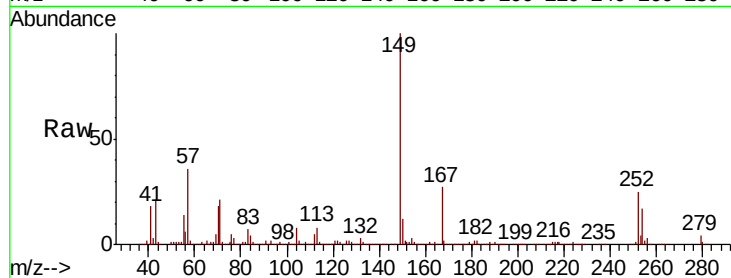




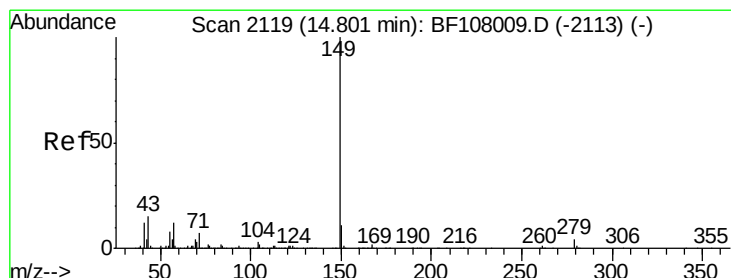
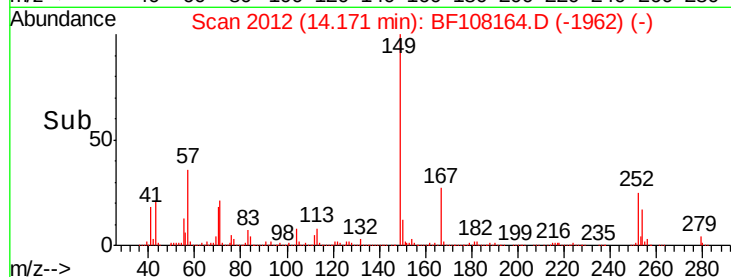
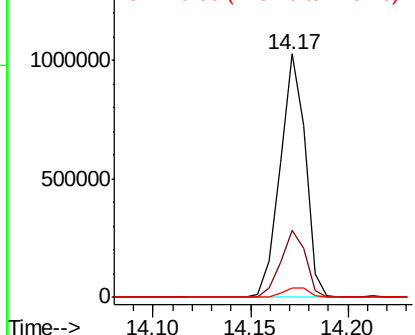
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.540 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 916213
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.3 31.9
 279 3.9 3.0 4.4

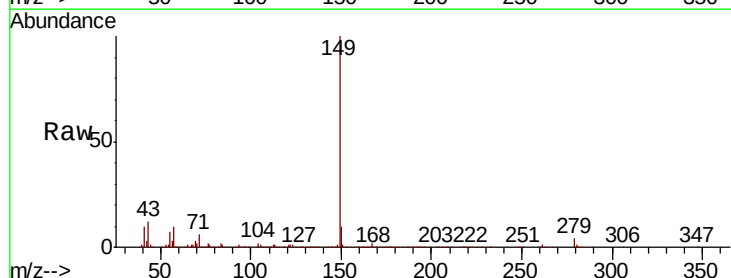


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

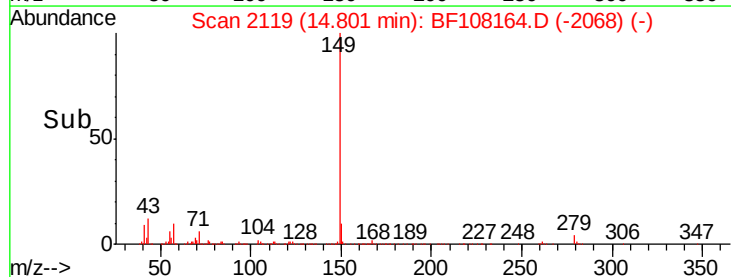
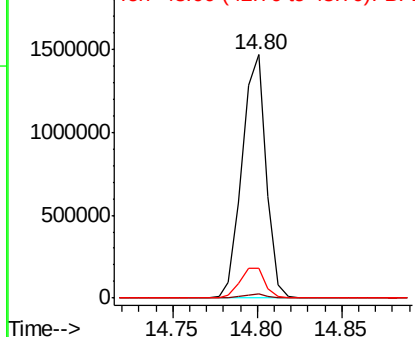


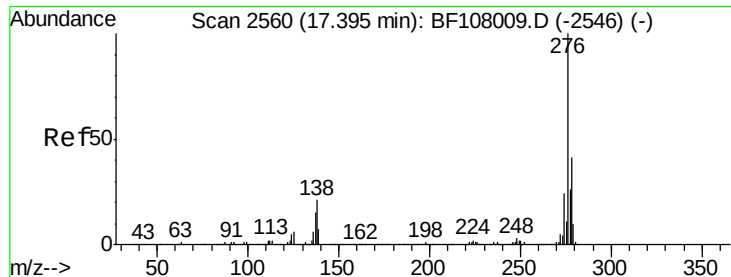
#84
 Di-n-octyl phthalate
 Concen: 46.553 ng
 RT: 14.80 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion:149 Resp: 1460439
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.5 8.4 12.6



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

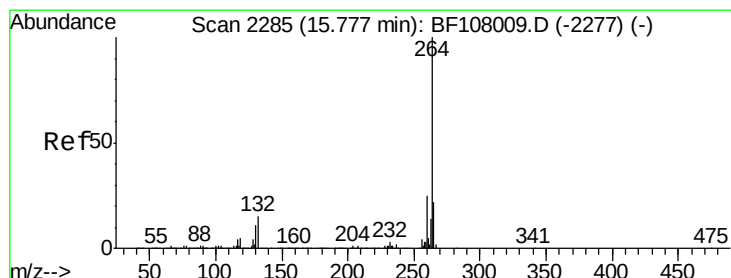
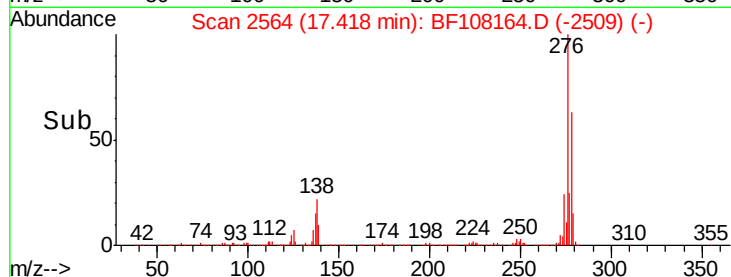
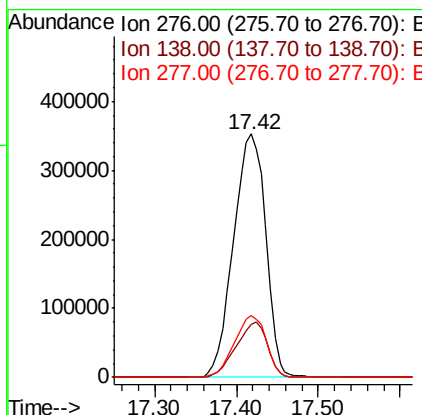
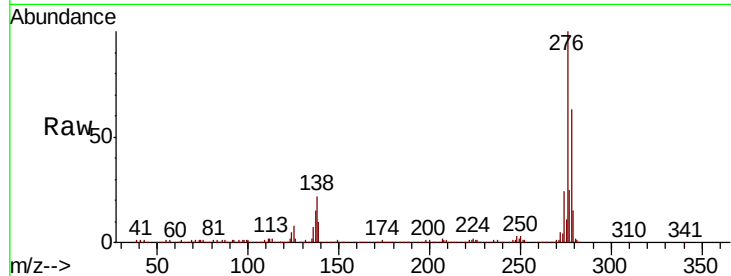




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.239 ng
 RT: 17.42 min Scan# 2564
 Delta R.T. 0.02 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

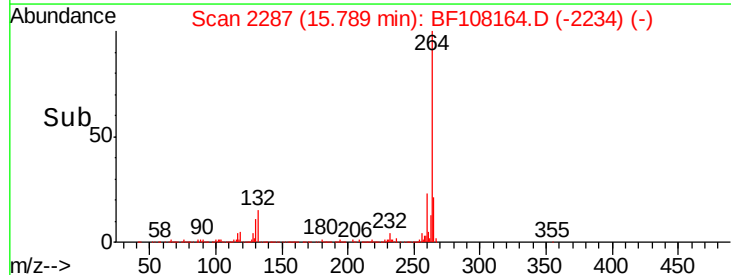
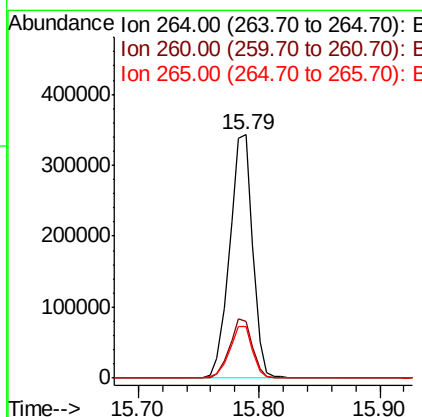
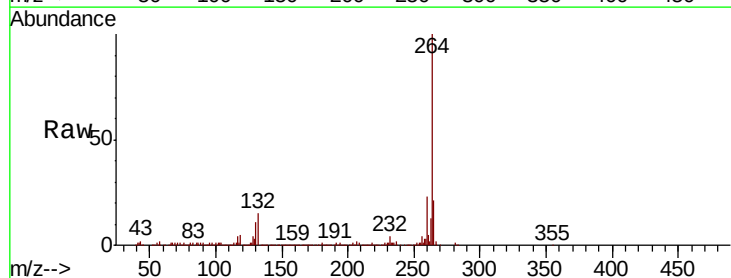
Instrument :
 BNA_F
 ClientSampleId :

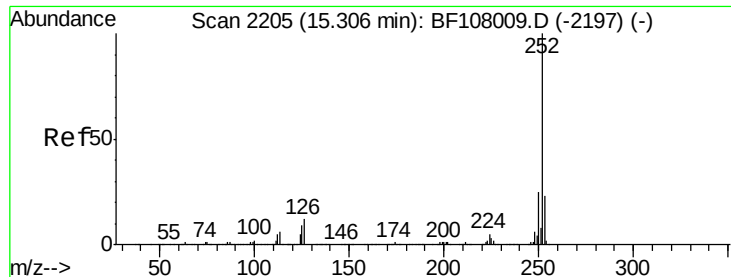
Tot Ion:276 Resp: 970687
 Ion Ratio Lower Upper
 276 100
 138 22.2 25.0 37.6#
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.79 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion:264 Resp: 453522
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.2 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 41.732 ng

RT: 15.35 min Scan# 2212

Delta R.T. 0.04 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

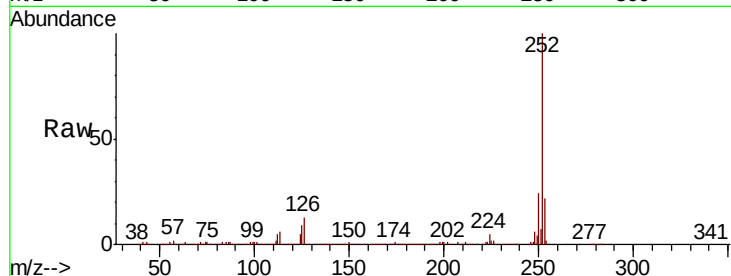
Tot Ion:252 Resp: 1130938

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

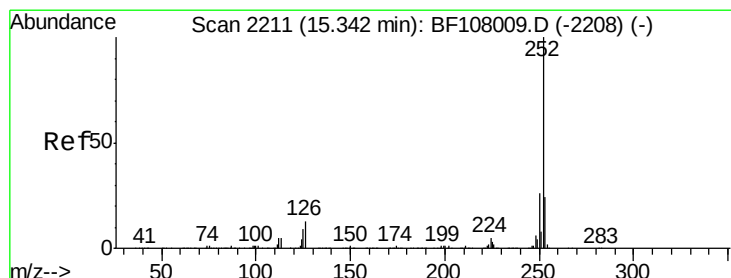
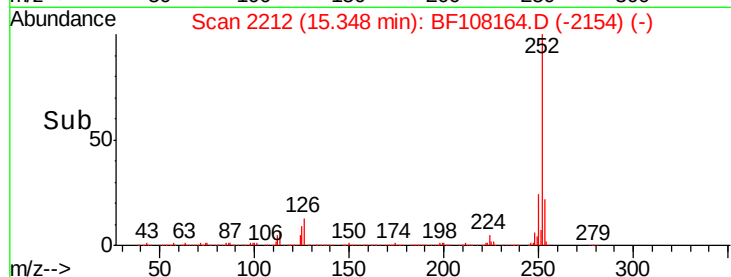
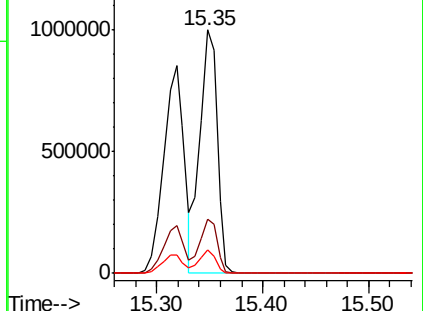
125 9.4 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 45.399 ng

RT: 15.35 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

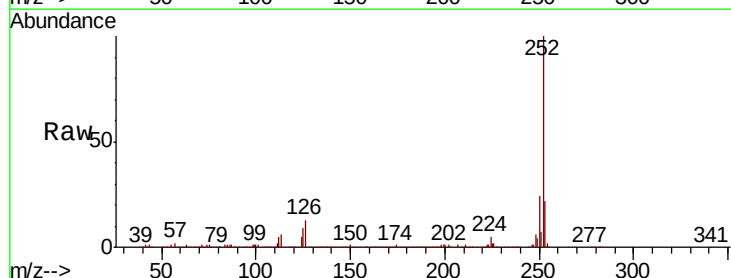
Tgt Ion:252 Resp: 1130938

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

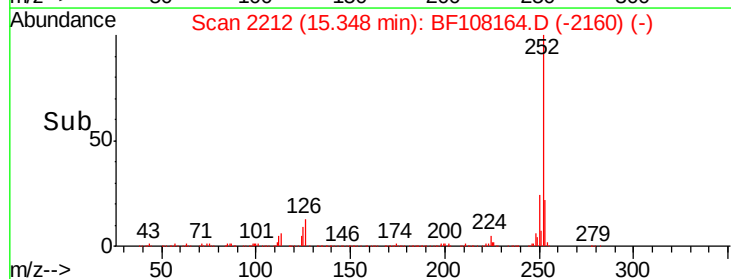
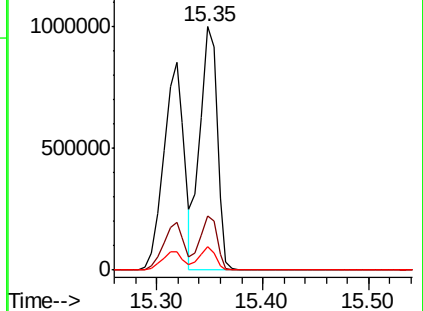
125 9.4 10.2 15.2#

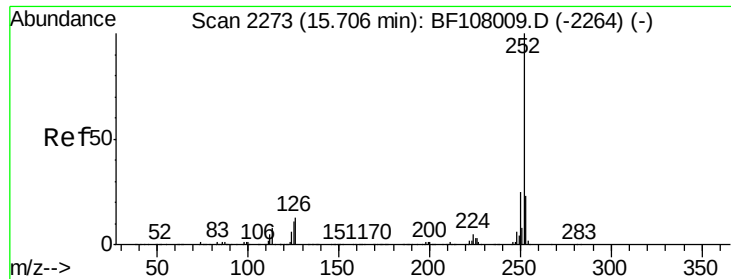


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

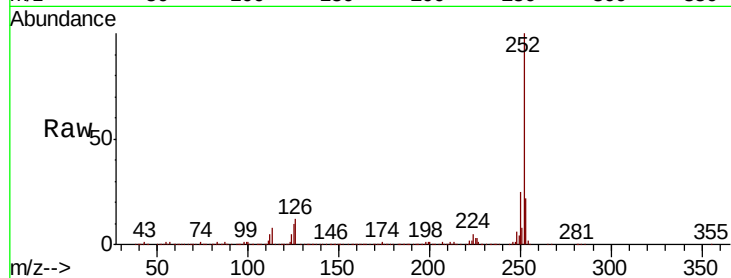




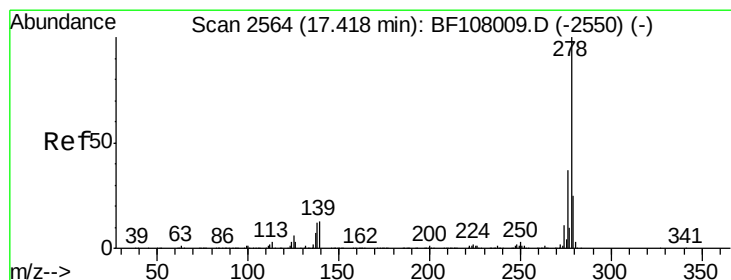
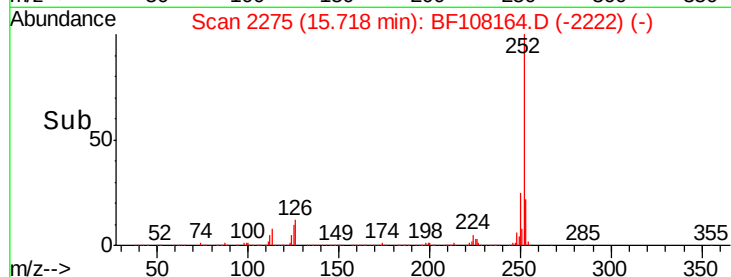
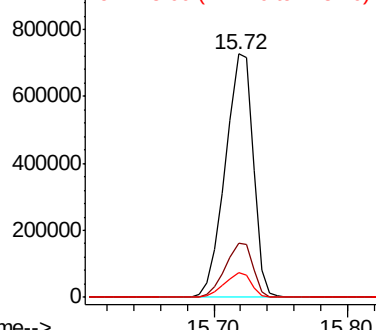
#89
Benzo(a)pyrene
Concen: 43.147 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1047047
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 10.0 9.8 14.6

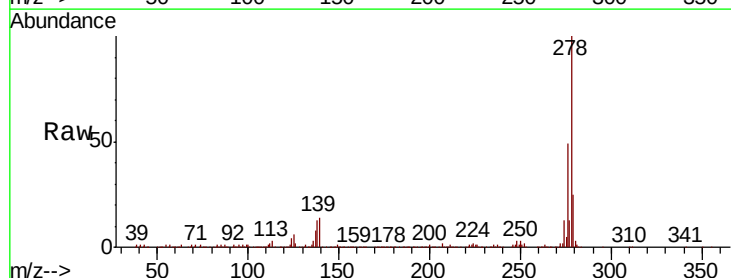


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

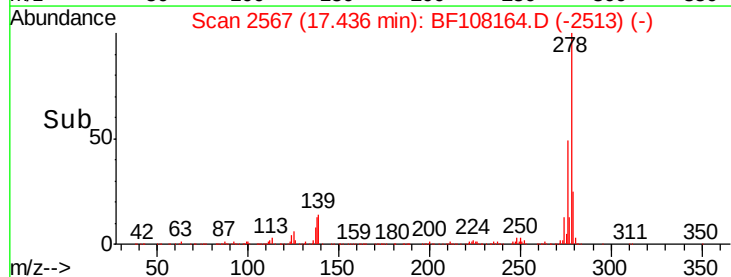
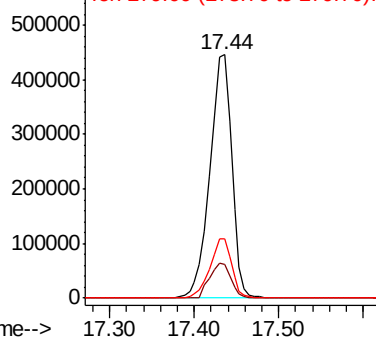


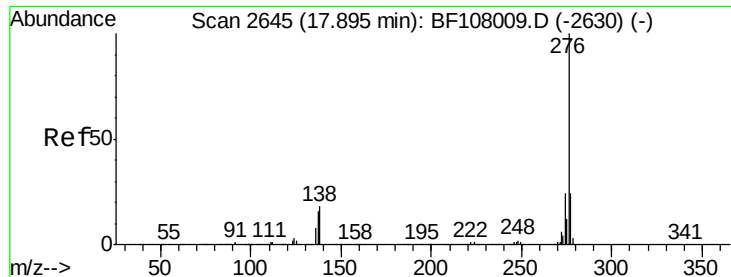
#90
Dibenzo(a,h)anthracene
Concen: 39.826 ng
RT: 17.44 min Scan# 2567
Delta R.T. 0.02 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion:278 Resp: 799645
Ion Ratio Lower Upper
278 100
139 13.7 15.9 23.9#
279 24.6 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

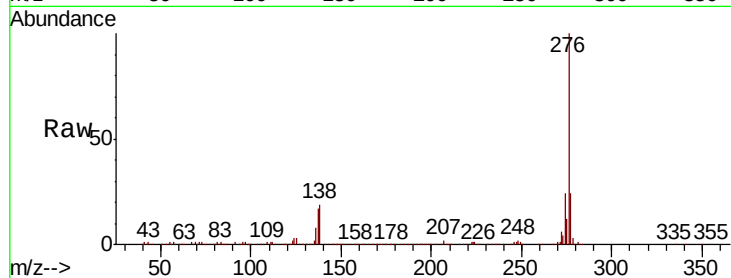




#91
 Benzo(a,h,i)perylene
 Concen: 40.465 ng
 RT: 17.92 min Scan# 2649
 Delta R.T. 0.02 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	18.8	21.8	32.8



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

