

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
 Data File : BF109754.D
 Acq On : 10 Oct 2018 20:44
 Operator : JU/SJ
 Sample : J5336-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Quant Time: Oct 11 05:47:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	85418	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	342574	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	166582	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	321525	20.00	ng	0.00
75) Chrysene-d12	13.83	240	200752	20.00	ng	0.00
86) Perylene-d12	15.23	264	208155	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	643104	133.64	ng	0.00
7) Phenol-d6	6.35	99	860750	133.89	ng	0.00
23) Nitrobenzene-d5	7.26	82	577318	92.90	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	254539	140.23	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1056312	87.33	ng	0.00
78) Terphenyl-d14	12.78	244	1003716	96.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	75504	29.896	ng	97
3) Pyridine	3.14	79	148043	28.413	ng	96
4) n-Nitrosodimethylamine	3.06	42	81297	43.227	ng	97
6) Aniline	6.37	93	174310	23.277	ng	# 64
8) 2-Chlorophenol	6.49	128	260184	43.962	ng	97
9) Benzaldehyde	6.25	77	121862	29.458	ng	99
10) Phenol	6.36	94	319679	43.367	ng	# 78
11) bis(2-Chloroethyl)ether	6.44	93	212502	34.772	ng	100
12) 1,3-Dichlorobenzene	6.64	146	267397	39.503	ng	98
13) 1,4-Dichlorobenzene	6.72	146	295624	40.064	ng	99
14) 1,2-Dichlorobenzene	6.87	146	269844	41.642	ng	98
15) Benzyl Alcohol	6.85	79	210789	44.229	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	330613	40.799	ng	99
17) 2-Methylphenol	6.97	107	203107	43.397	ng	98
18) Hexachloroethane	7.20	117	104552	40.087	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	185959	41.249	ng	99
20) 3+4-Methylphenols	7.12	107	251251	43.567	ng	92
22) Acetophenone	7.11	105	383167	46.253	ng	99
24) Nitrobenzene	7.28	77	273932	42.360	ng	99
25) Isophorone	7.52	82	516651	50.064	ng	98
26) 2-Nitrophenol	7.60	139	135877	44.921	ng	96
27) 2,4-Dimethylphenol	7.65	122	221463	50.702	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	323529	46.348	ng	99
29) 2,4-Dichlorophenol	7.85	162	224780	45.879	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	232007	42.777	ng	99
31) Naphthalene	8.00	128	838615	52.932	ng	100
32) Benzoic acid	7.77	122	43830	14.035	ng	88
33) 4-Chloroaniline	8.06	127	74660	10.701	ng	96
34) Hexachlorobutadiene	8.12	225	139538	41.378	ng	98
35) Caprolactam	8.43	113	40237	27.500	ng	99
36) 4-Chloro-3-methylphenol	8.55	107	246126	47.591	ng	99
37) 2-Methylnaphthalene	8.69	142	570170	54.941	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	238991	42.146	ng	99
40) Hexachlorocyclopentadiene	8.85	237	187709	75.996	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
 Data File : BF109754.D
 Acq On : 10 Oct 2018 20:44
 Operator : JU/SJ
 Sample : J5336-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Quant Time: Oct 11 05:47:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

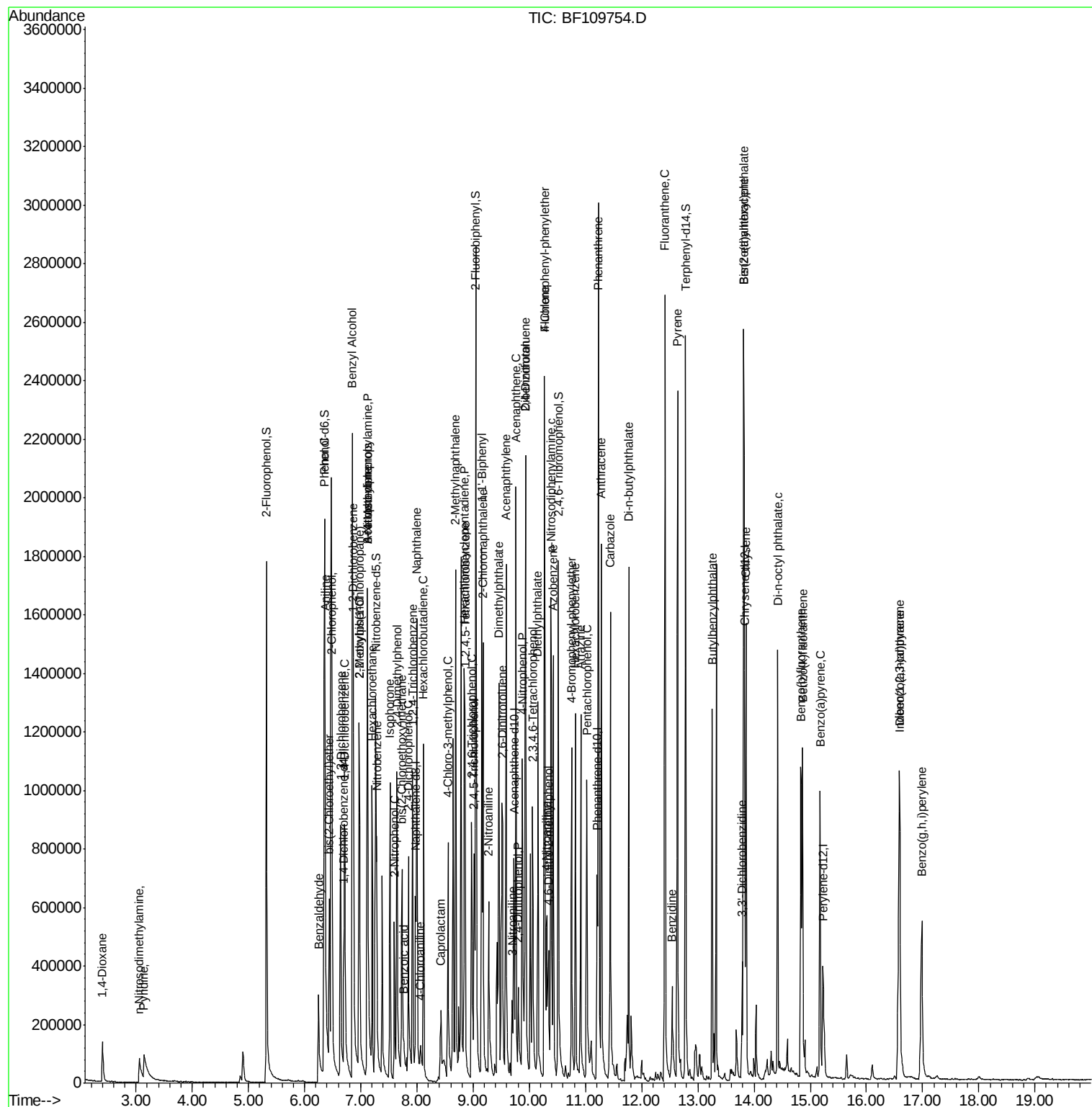
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	149692	44.160	ng	98
43) 2,4,5-Trichlorophenol	9.02	196	174193	44.693	ng	99
45) 1,1'-Biphenyl	9.15	154	649386	43.637	ng	99
46) 2-Chloronaphthalene	9.17	162	479005	42.963	ng	98
47) 2-Nitroaniline	9.28	65	158615	46.985	ng	92
48) Acenaphthylene	9.59	152	767767	47.236	ng	99
49) Dimethylphthalate	9.46	163	707834	57.937	ng	99
50) 2,6-Dinitrotoluene	9.52	165	125624	47.436	ng	94
51) Acenaphthene	9.76	154	520485	54.018	ng	100
52) 3-Nitroaniline	9.69	138	73444	24.740	ng	100
53) 2,4-Dinitrophenol	9.80	184	60080	70.316	ng	97
54) Dibenzofuran	9.93	168	764259	52.915	ng	99
55) 4-Nitrophenol	9.87	139	146692	90.276	ng	91
56) 2,4-Dinitrotoluene	9.93	165	155641	47.094	ng	91
57) Fluorene	10.27	166	636230	58.987	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	146014	46.086	ng	97
59) Diethylphthalate	10.16	149	572916	47.329	ng	99
60) 4-Chlorophenyl-phenylether	10.27	204	245801	43.197	ng	94
61) 4-Nitroaniline	10.31	138	128375	46.695	ng	99
62) Azobenzene	10.43	77	574676	46.750	ng	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	62318	39.821	ng	93
65) n-Nitrosodiphenylamine	10.39	169	482250	44.244	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	159725	43.235	ng	94
67) Hexachlorobenzene	10.82	284	168775	42.189	ng	# 93
68) Atrazine	10.92	200	155904	45.832	ng	99
69) Pentachlorophenol	11.02	266	166415	73.927	ng	99
70) Phenanthrene	11.23	178	1318163	81.923	ng	99
71) Anthracene	11.28	178	864939	52.001	ng	100
72) Carbazole	11.44	167	798671	49.509	ng	99
73) Di-n-butylphthalate	11.77	149	861276	46.032	ng	100
74) Fluoranthene	12.42	202	1273973	75.789	ng	99
76) Benzidine	12.54	184	197392	26.469	ng	98
77) Pyrene	12.64	202	1083002	73.632	ng	99
79) Butylbenzylphthalate	13.26	149	327270	51.321	ng	97
80) Benzo(a)anthracene	13.82	228	573070	51.729	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	110716	24.820	ng	99
82) Chrysene	13.86	228	606194	52.094	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	408851	52.551	ng	98
84) Di-n-octyl phthalate	14.42	149	692980	56.352	ng	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	617781	74.173	ng	99
87) Benzo(b)fluoranthene	14.83	252	566029	49.207	ng	99
88) Benzo(k)fluoranthene	14.86	252	476646	41.241	ng	98
89) Benzo(a)pyrene	15.17	252	507501	48.617	ng	97
90) Dibenzo(a,h)anthracene	16.59	278	506173	59.042	ng	98
91) Benzo(g,h,i)perylene	16.99	276	533672	62.338	ng	100

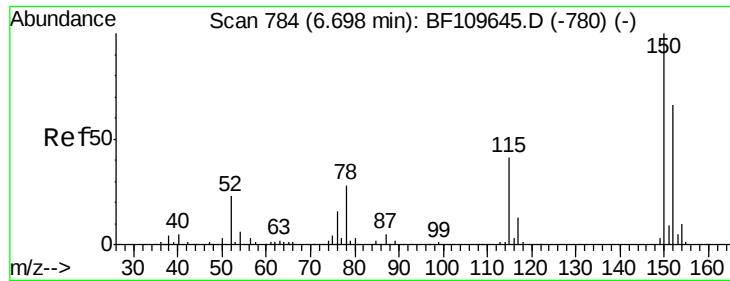
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
Data File : BF109754.D
Acq On : 10 Oct 2018 20:44
Operator : JU/SJ
Sample : J5336-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Quant Time: Oct 11 05:47:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

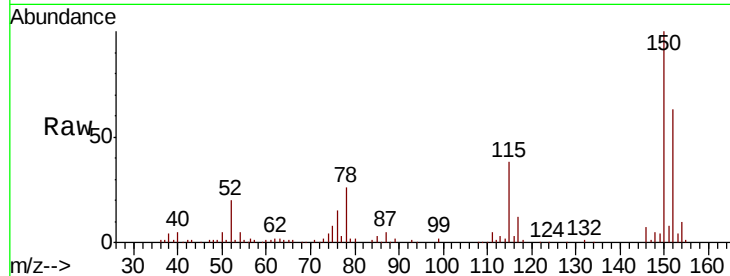




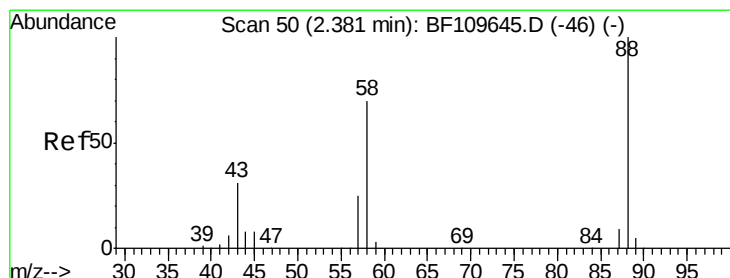
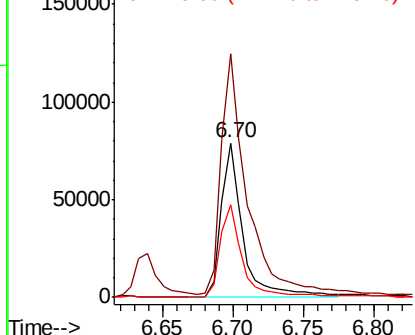
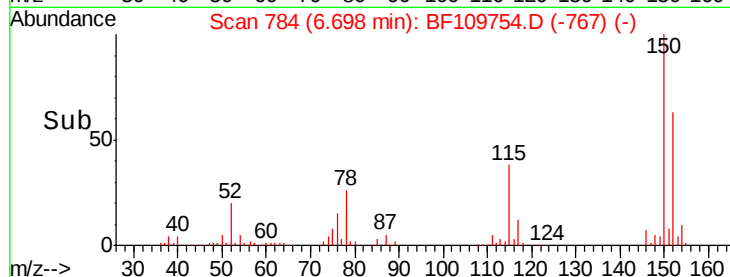
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tgt Ion:152 Resp: 85418
 Ion Ratio Lower Upper
 152 100
 150 157.6 122.7 184.1
 115 59.9 49.1 73.7

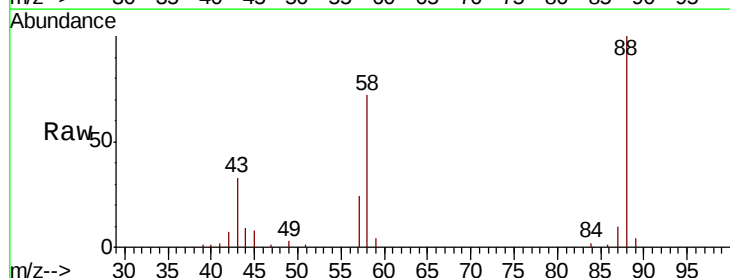


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

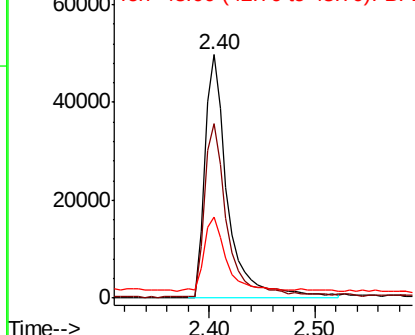
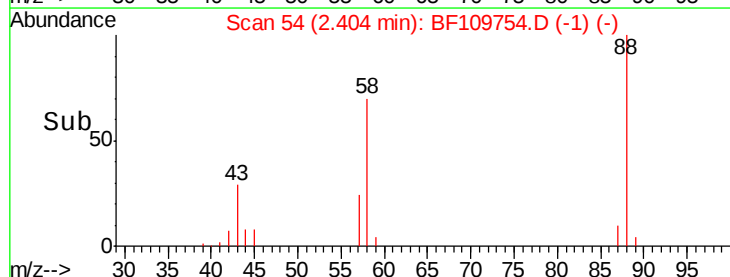


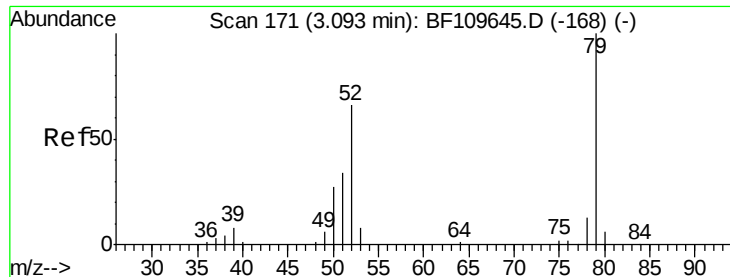
#2
 1,4-Dioxane
 Concen: 29.896 ng
 RT: 2.40 min Scan# 54
 Delta R.T. 0.02 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion: 88 Resp: 75504
 Ion Ratio Lower Upper
 88 100
 58 74.3 57.1 85.7
 43 29.3 24.1 36.1



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





#3

Pyridine

Concen: 28.413 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.05 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

ClientSampleId :

RBR200035MSD

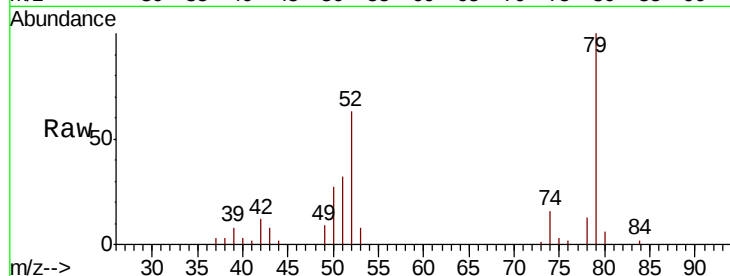
Tgt Ion: 79 Resp: 148043

Ion Ratio Lower Upper

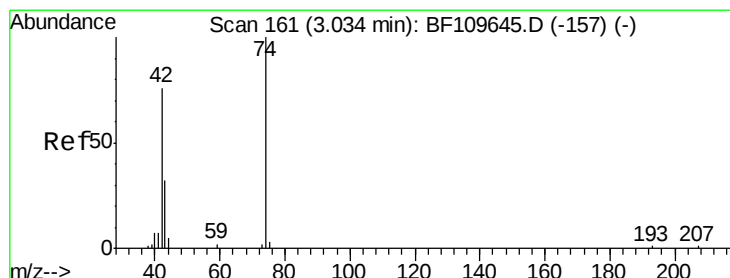
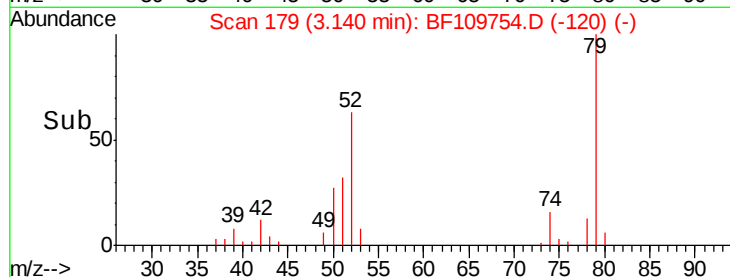
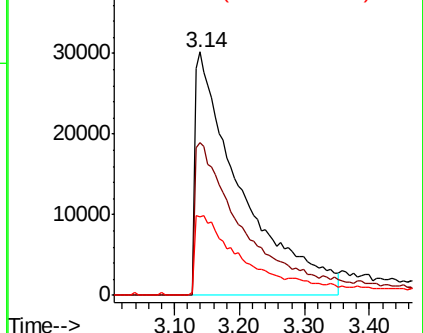
79 100

52 62.6 53.1 79.7

51 32.3 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.227 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.02 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

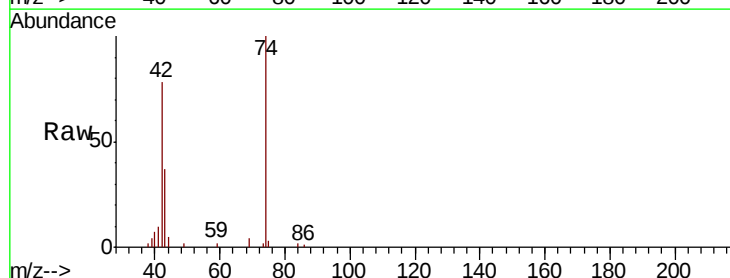
Tgt Ion: 42 Resp: 81297

Ion Ratio Lower Upper

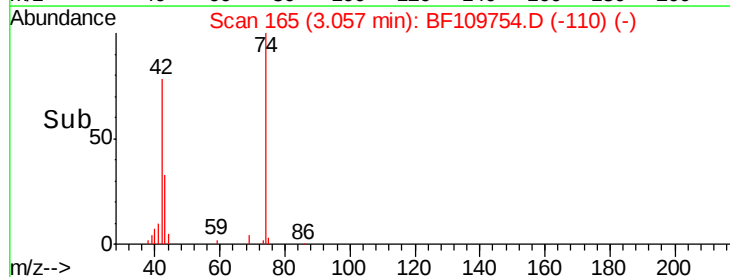
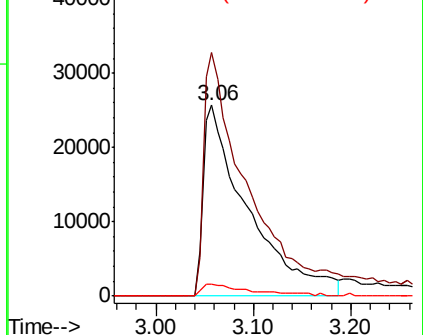
42 100

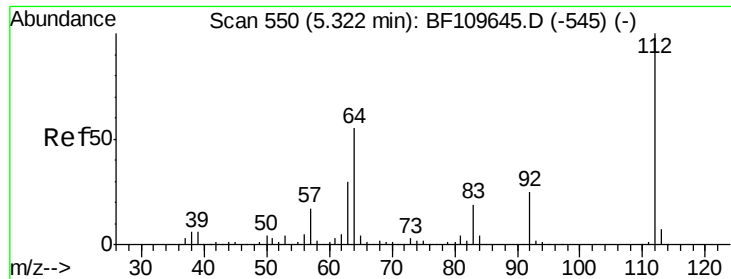
74 127.6 105.5 158.3

44 6.4 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 133.640 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

ClientSampleId :

RBR200035MSD

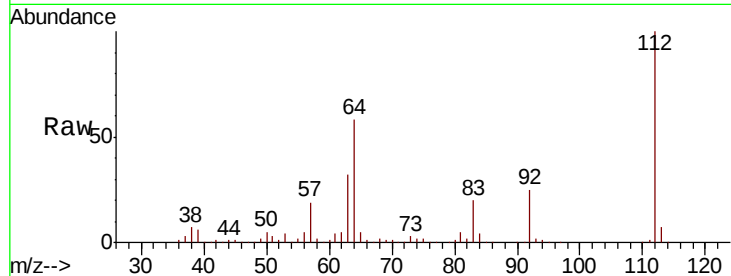
Tgt Ion: 112 Resp: 643104

Ion Ratio Lower Upper

112 100

64 58.2 44.1 66.1

63 32.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

600000

400000

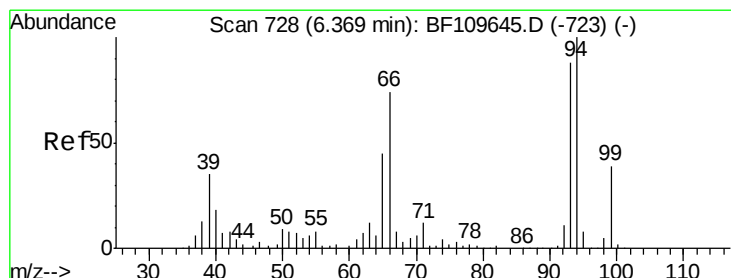
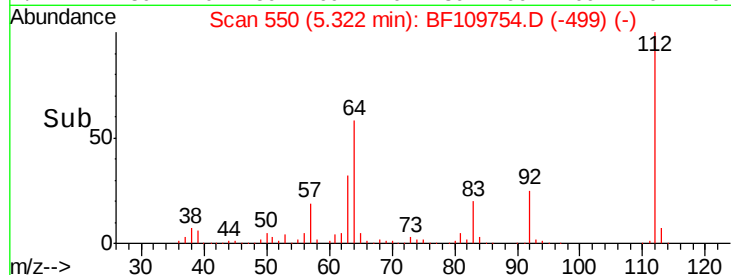
200000

0

5.32

5.20 5.30 5.40 5.50

Time-->



#6

Aniline

Concen: 23.277 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

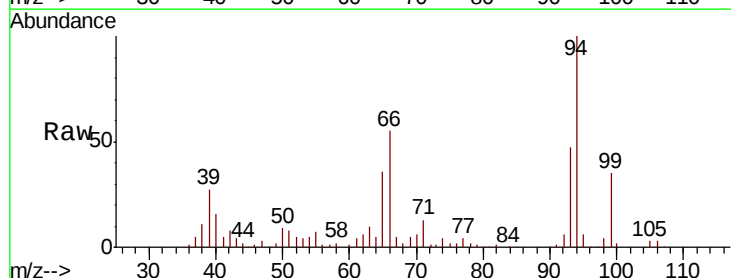
Tgt Ion: 93 Resp: 174310

Ion Ratio Lower Upper

93 100

66 117.2 67.4 101.0#

65 76.3 41.0 61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

300000

250000

200000

150000

100000

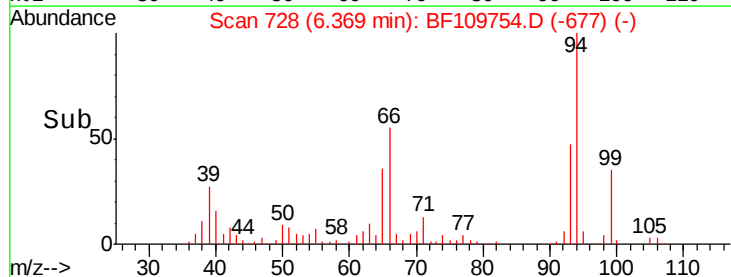
50000

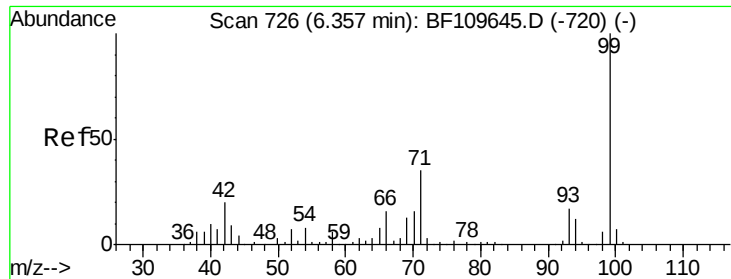
0

6.37

6.30 6.35 6.40

Time-->





#7

Phenol-d6

Concen: 133.895 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

ClientSampleId :

RBR200035MSD

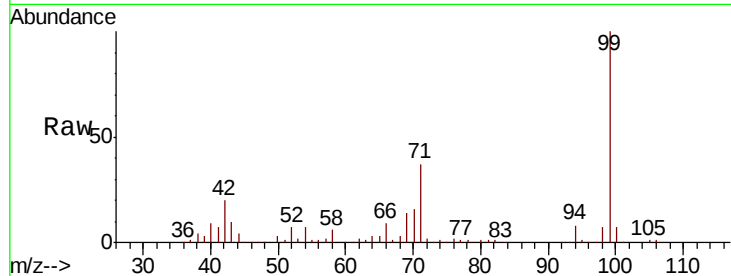
Tgt Ion: 99 Resp: 860750

Ion Ratio Lower Upper

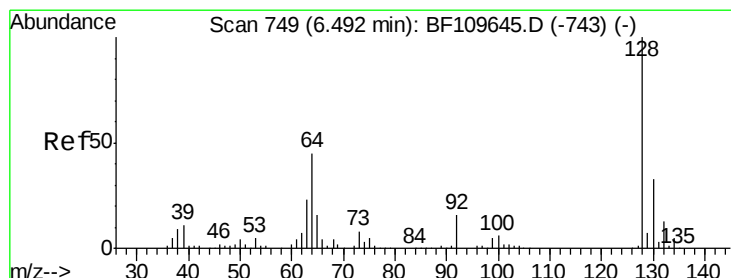
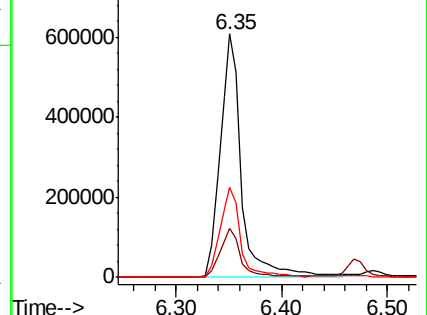
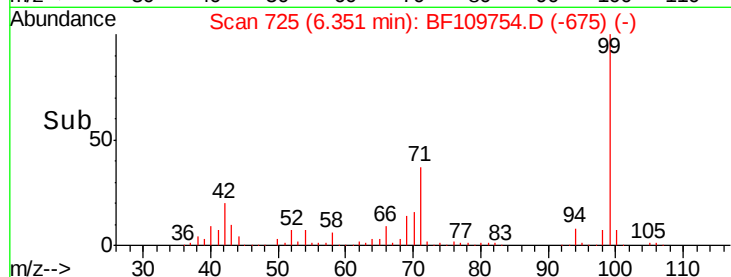
99 100

42 20.3 15.8 23.6

71 37.0 28.0 42.0



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



#8

2-Chlorophenol

Concen: 43.962 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

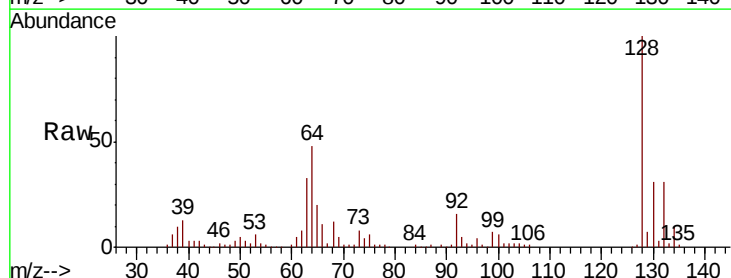
Tgt Ion: 128 Resp: 260184

Ion Ratio Lower Upper

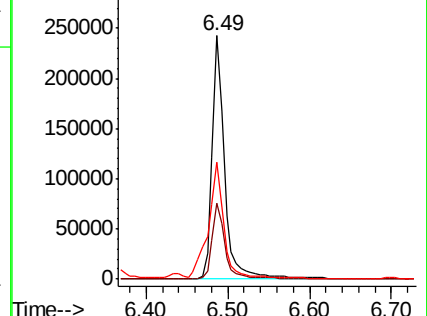
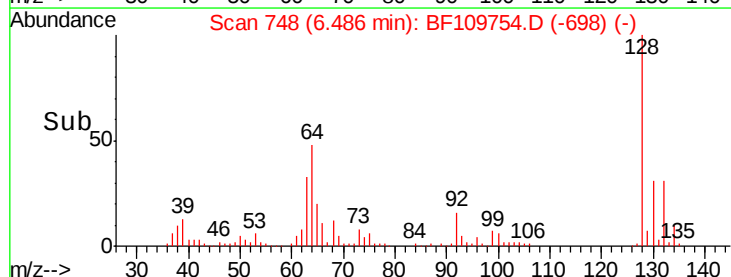
128 100

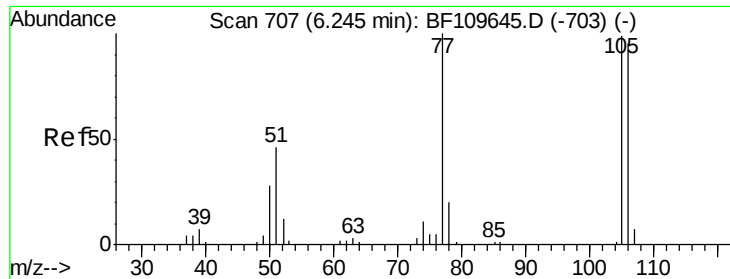
130 31.3 13.1 53.1

64 48.0 26.0 66.0



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





#9

Benzaldehyde

Concen: 29.458 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

ClientSampleId :

RBR200035MSD

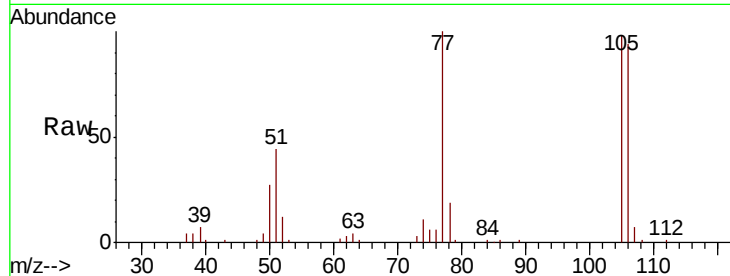
Tgt Ion: 77 Resp: 121862

Ion Ratio Lower Upper

77 100

105 98.1 78.6 118.6

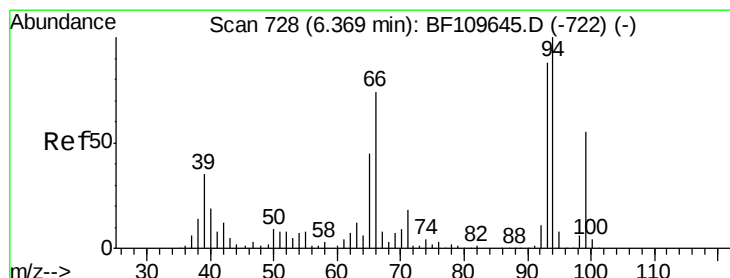
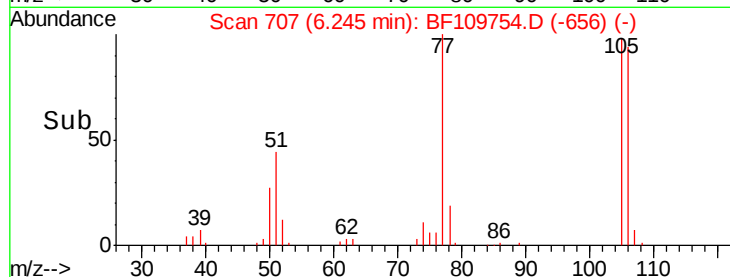
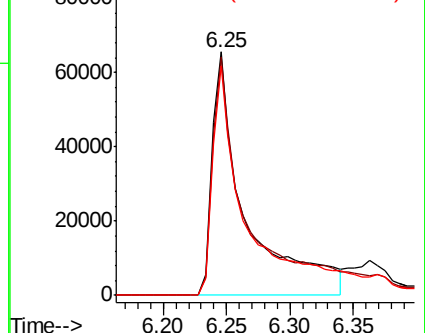
106 94.0 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.367 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

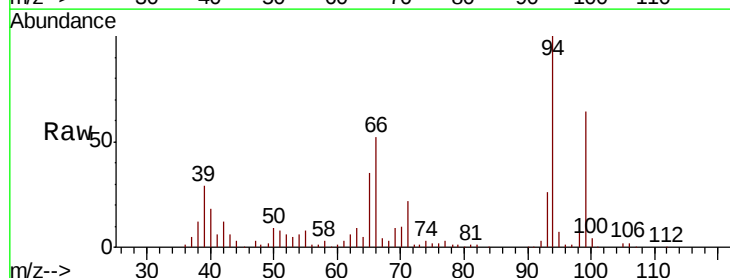
Tgt Ion: 94 Resp: 319679

Ion Ratio Lower Upper

94 100

65 35.1 25.3 65.3

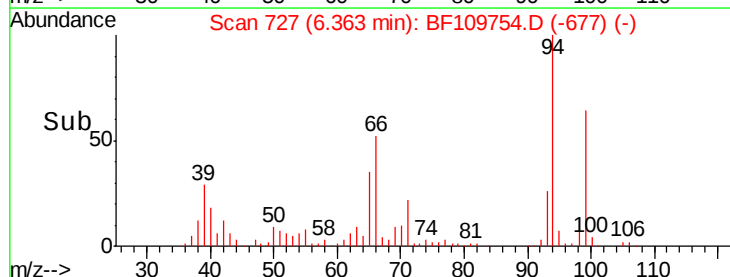
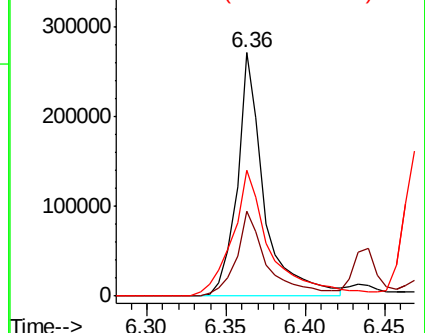
66 51.9 54.5 94.5#

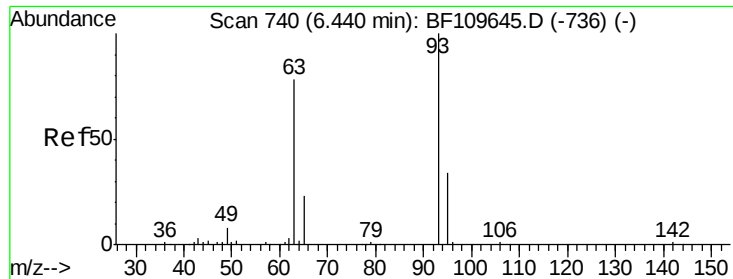


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

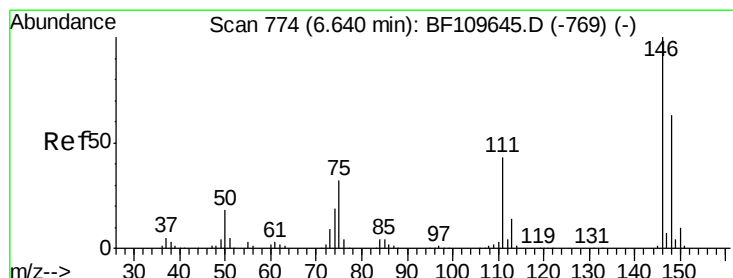
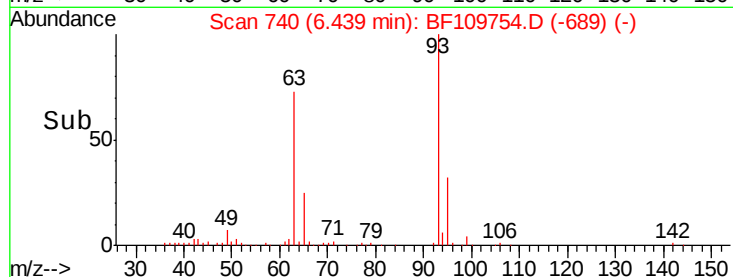
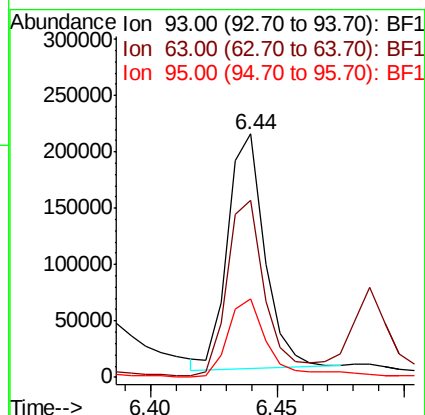
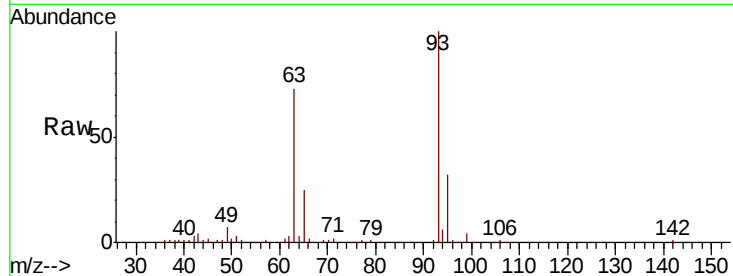




#11
bis(2-Chloroethyl)ether
Concen: 34.772 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

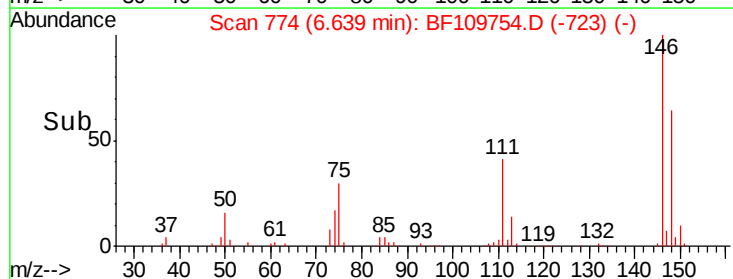
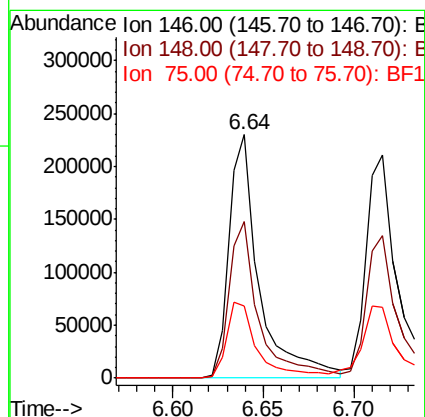
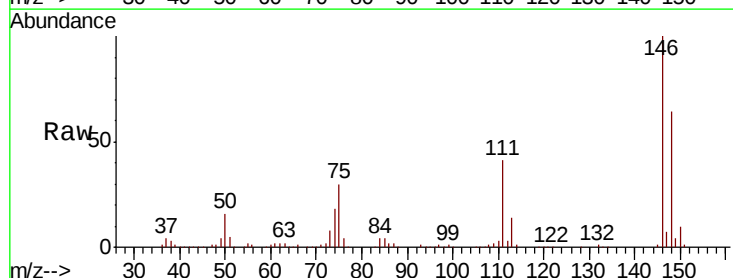
Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tgt Ion: 93 Resp: 212502
Ion Ratio Lower Upper
93 100
63 72.9 53.4 93.4
95 32.3 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 39.503 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion: 146 Resp: 267397
Ion Ratio Lower Upper
146 100
148 64.2 50.4 75.6
75 29.9 25.8 38.6

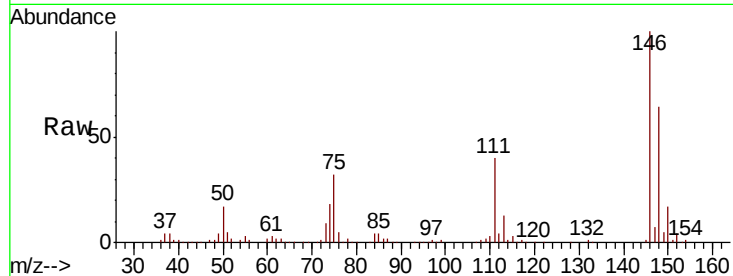




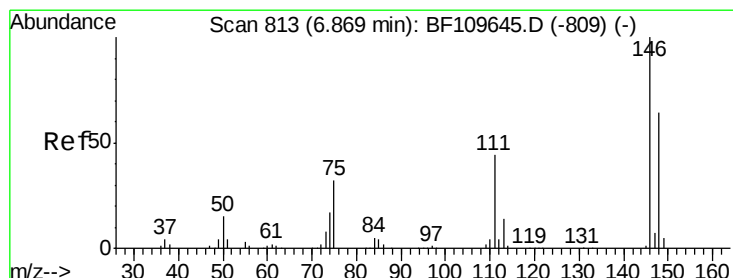
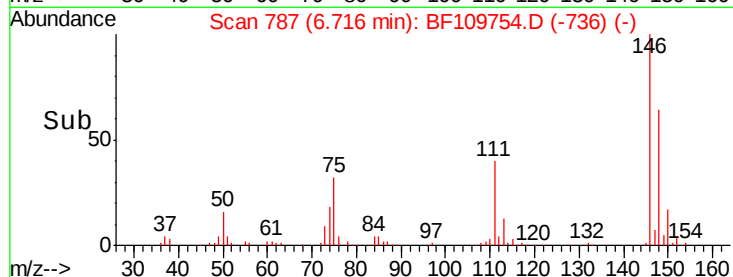
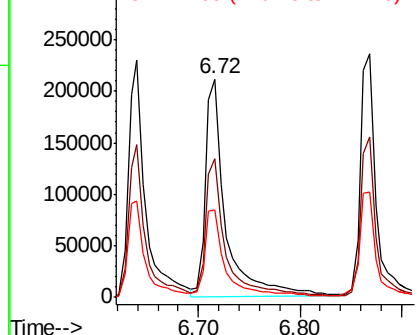
#13
 1,4-Dichlorobenzene
 Concen: 40.064 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tgt Ion:146 Resp: 295624
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.3 75.5
 111 40.2 32.7 49.1

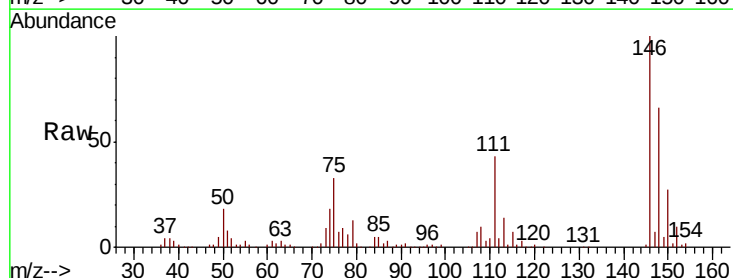


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

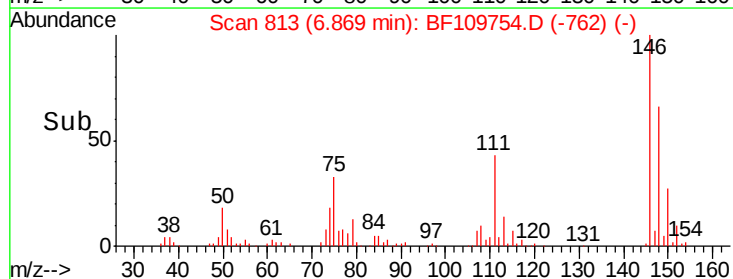
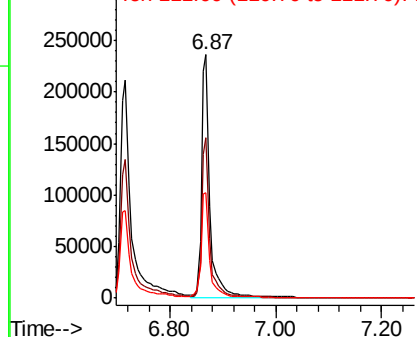


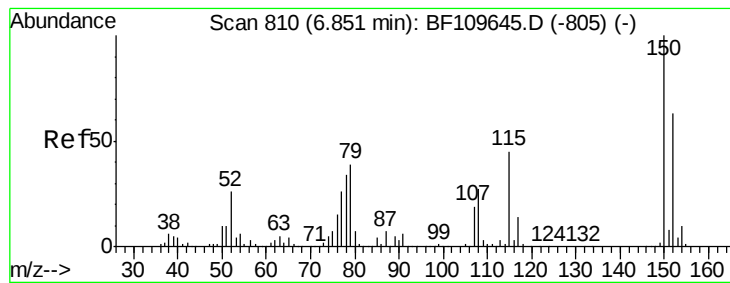
#14
 1,2-Dichlorobenzene
 Concen: 41.642 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion:146 Resp: 269844
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.1 76.7
 111 43.2 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 44.229 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

ClientSampleId :

RBR200035MSD

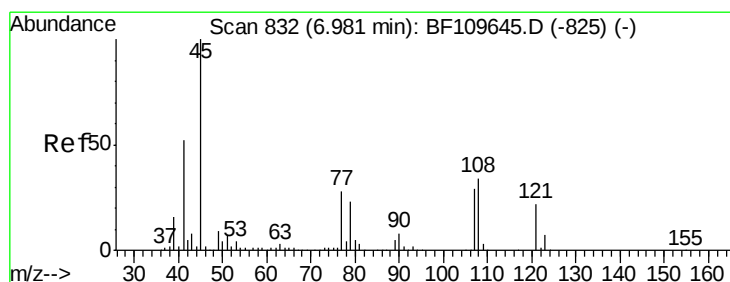
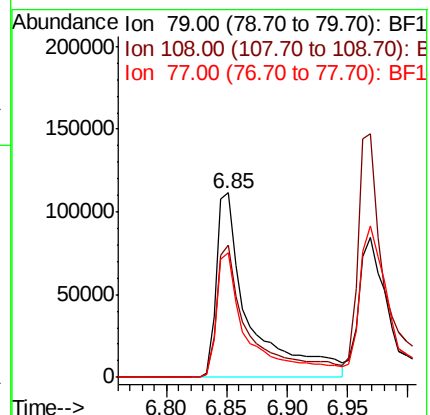
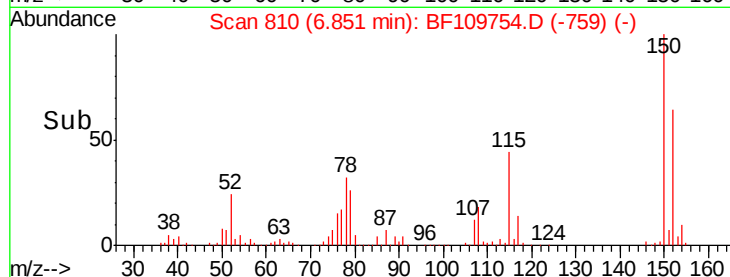
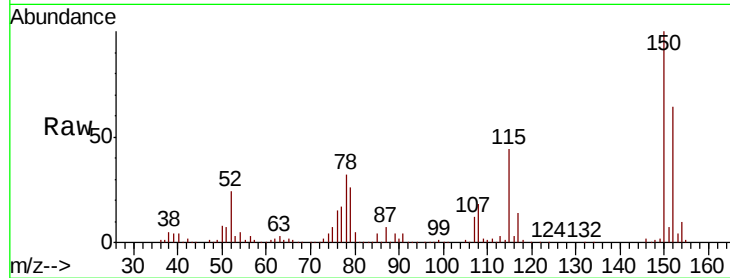
Tgt Ion: 79 Resp: 210789

Ion Ratio Lower Upper

79 100

108 71.9 56.3 84.5

77 67.4 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.799 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

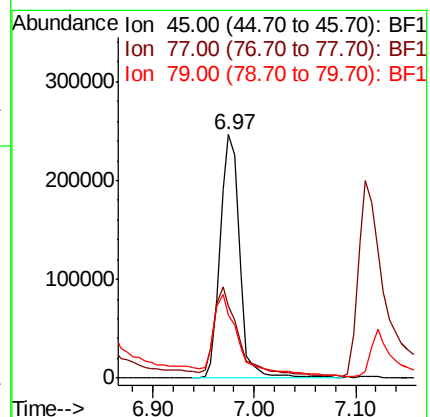
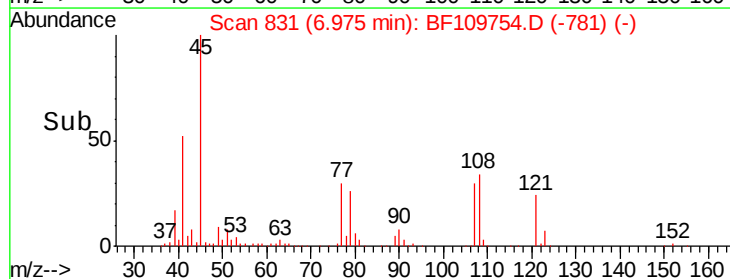
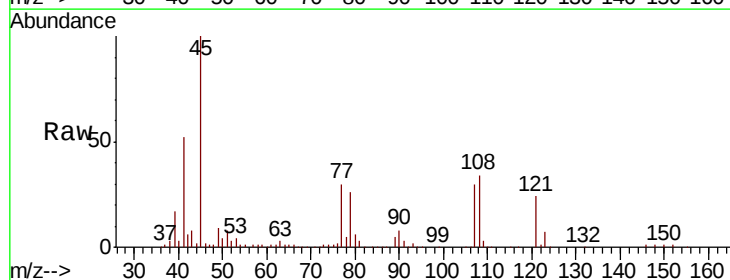
Tgt Ion: 45 Resp: 330613

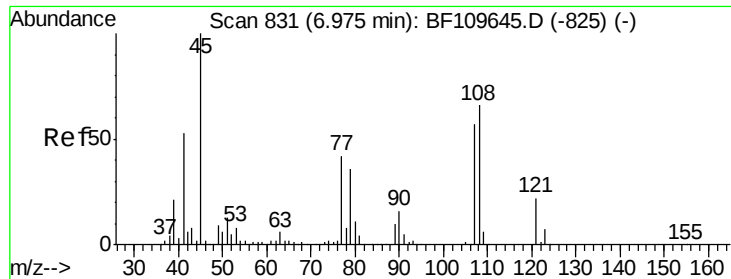
Ion Ratio Lower Upper

45 100

77 29.7 10.0 50.0

79 25.7 6.1 46.1

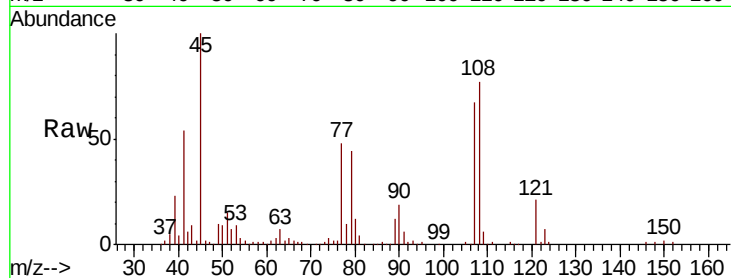




#17
2-Methylphenol
Concen: 43.397 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tgt Ion:	107	Resp:	203107
Ion	Ratio	Lower	Upper
107	100		
108	114.2	92.6	138.8
77	71.3	59.4	89.2
79	65.8	54.0	81.0



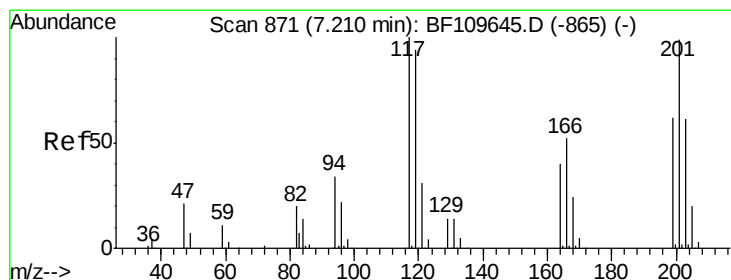
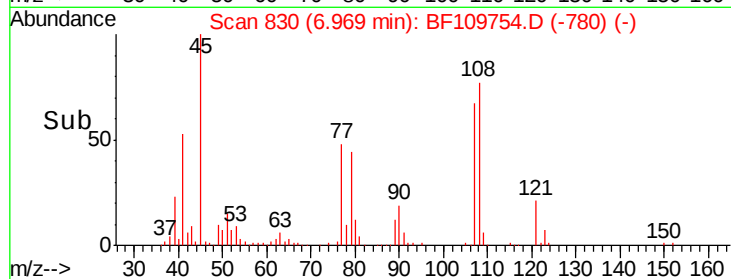
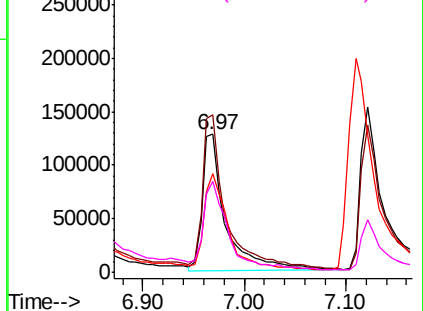
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

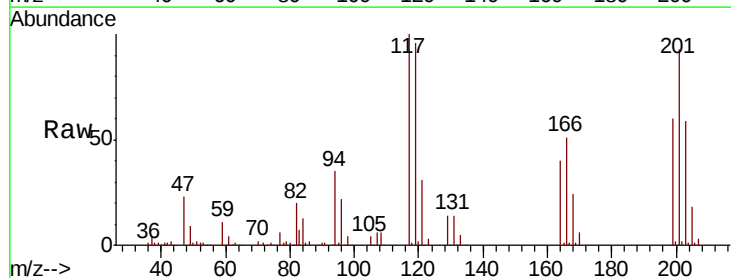
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.087 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion:	117	Resp:	104552
Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.0	112.6
201	92.7	79.2	118.8

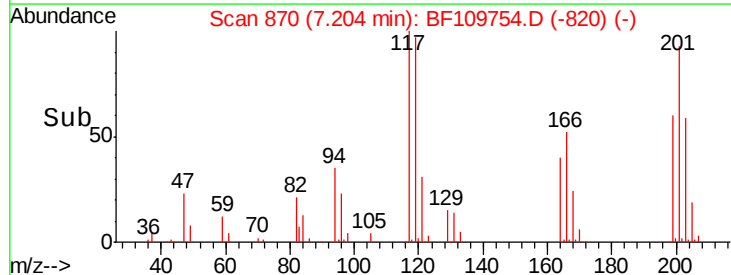
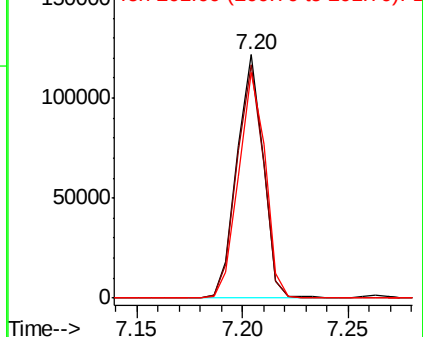


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

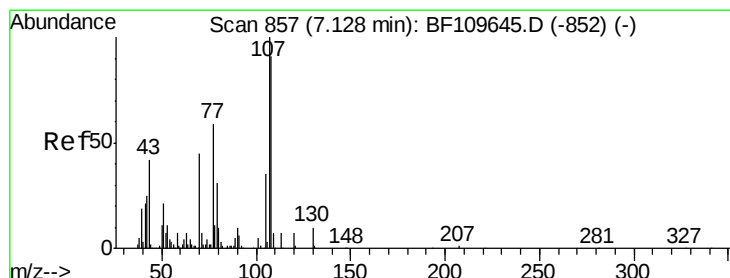
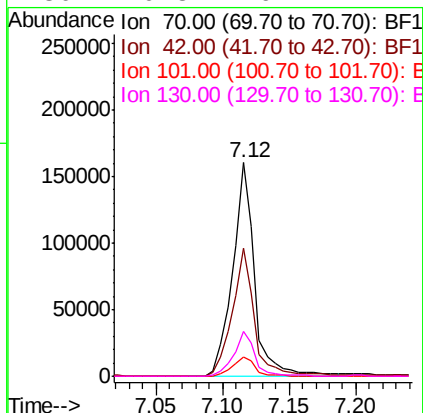
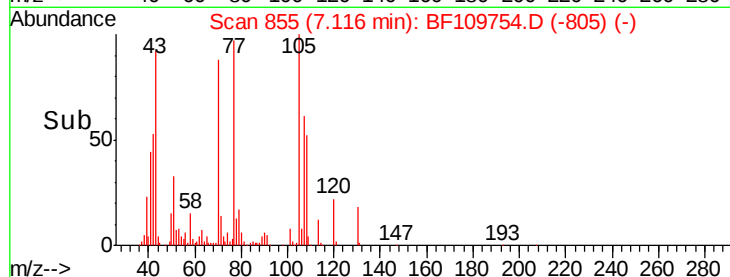
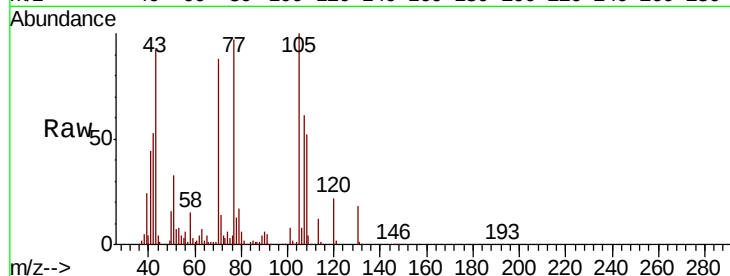




#19
n-Nitroso-di-n-propylamine
Concen: 41.249 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

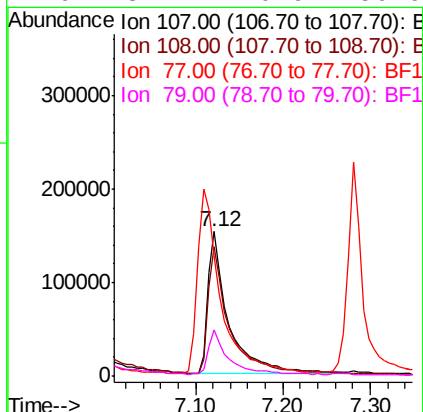
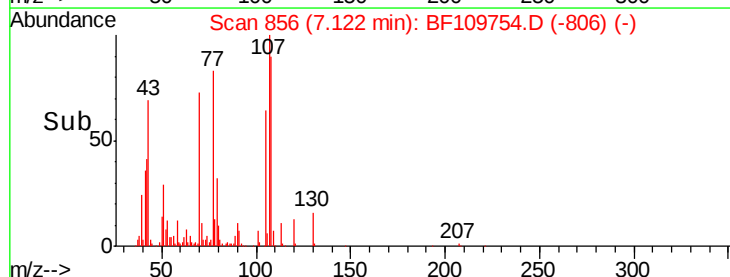
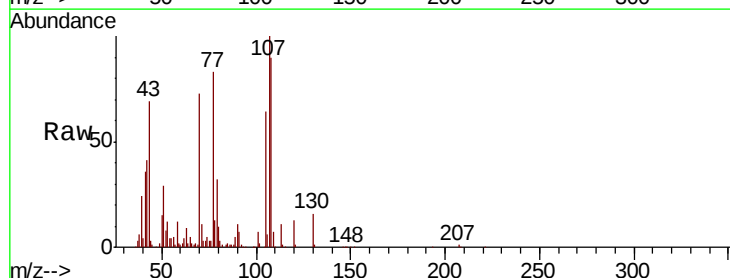
Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

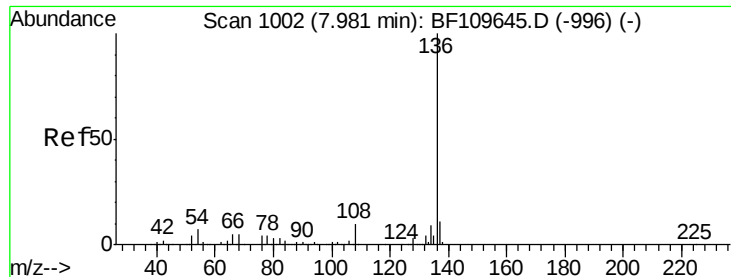
Tgt Ion:	70	Resp:	185959
Ion	Ratio	Lower	Upper
70	100		
42	60.1	47.4	71.2
101	9.0	7.3	10.9
130	20.8	16.2	24.2



#20
3+4-Methylphenols
Concen: 43.567 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion:	107	Resp:	251251
Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.4	111.4
77	83.2	47.3	87.3
79	32.1	10.9	50.9

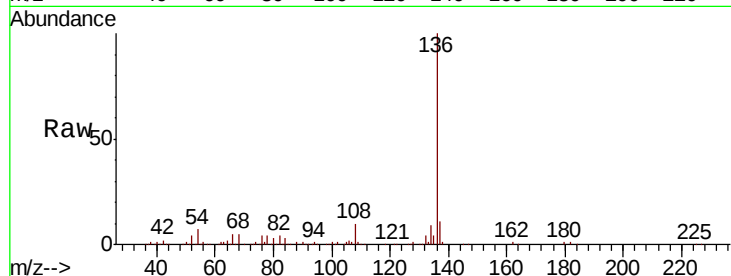




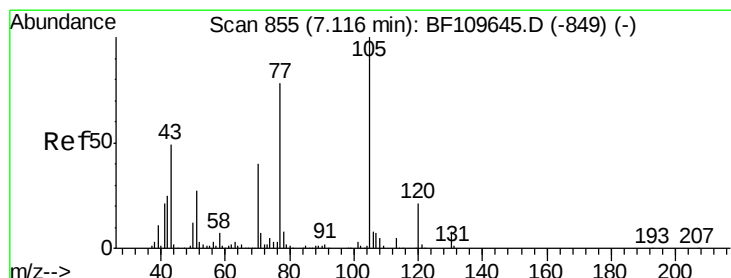
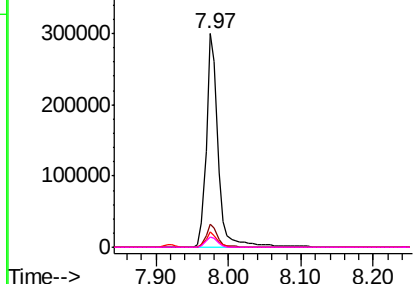
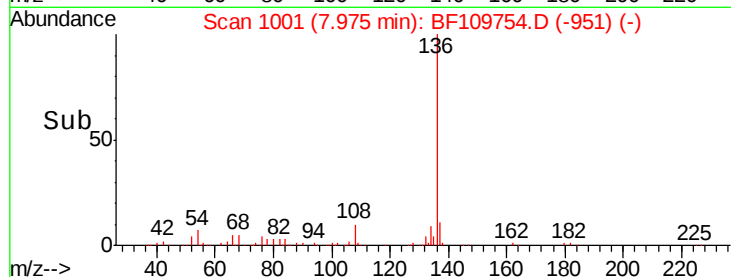
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tgt Ion:	136	Resp:	342574
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.0	5.4	8.2
68	5.1	4.2	6.2

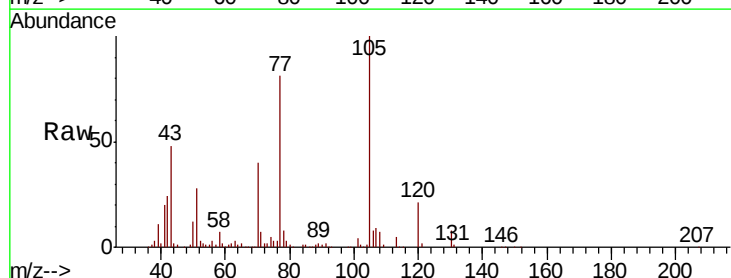


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

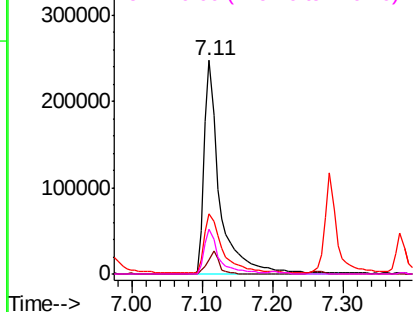
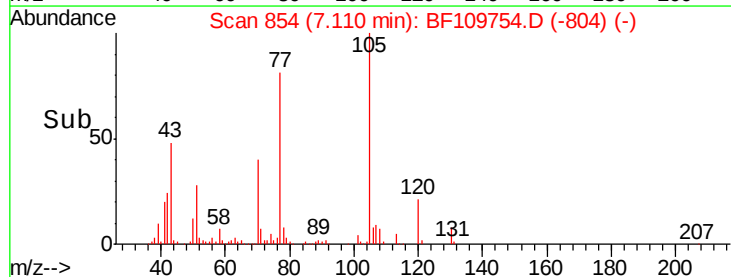


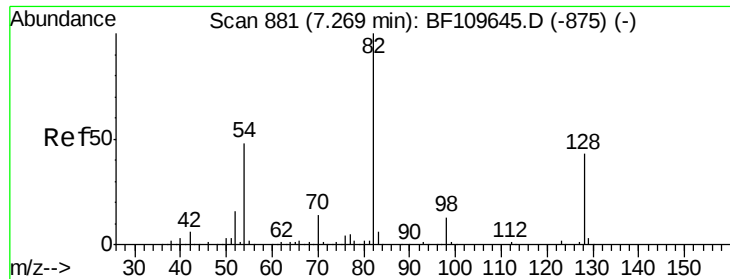
#22
Acetophenone
Concen: 46.253 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion:	105	Resp:	383167
Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.2	7.8
51	28.1	21.8	32.8
120	21.1	17.0	25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

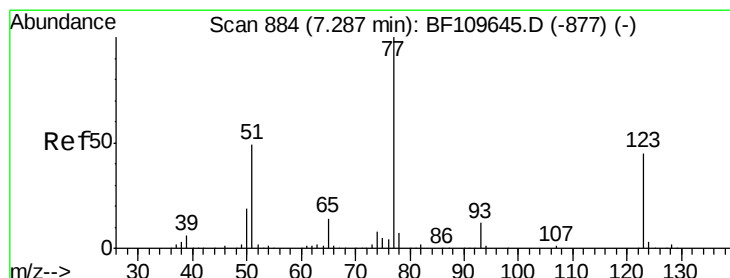
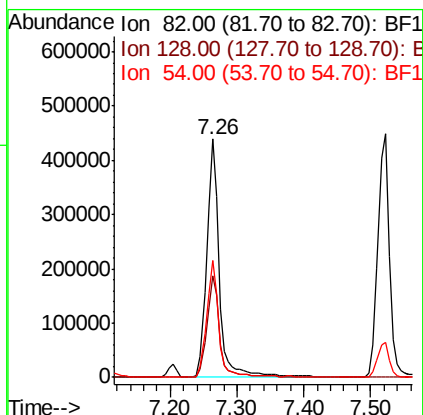
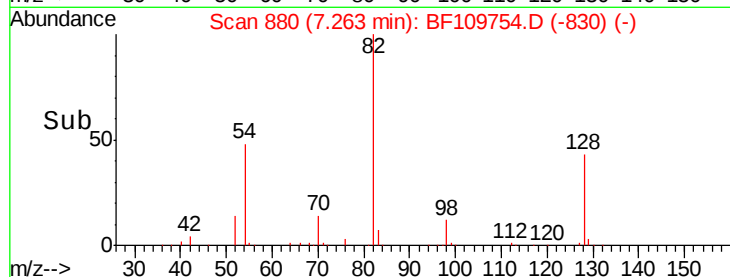
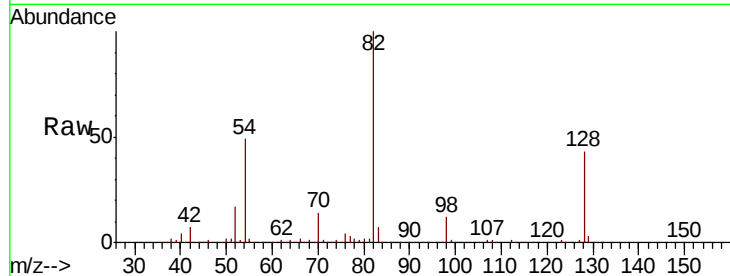




#23
Nitrobenzene-d5
Concen: 92.896 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

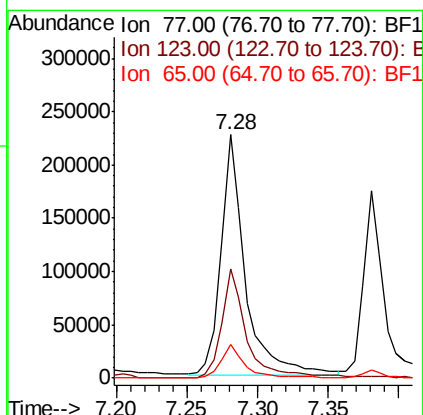
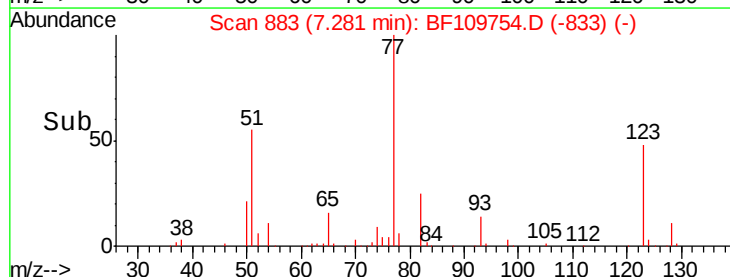
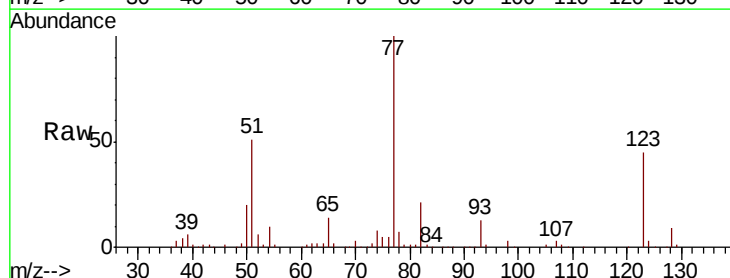
Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tgt Ion: 82 Resp: 577318
Ion Ratio Lower Upper
82 100
128 42.8 34.2 51.2
54 49.1 38.6 58.0



#24
Nitrobenzene
Concen: 42.360 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion: 77 Resp: 273932
Ion Ratio Lower Upper
77 100
123 44.7 35.7 53.5
65 14.0 10.7 16.1

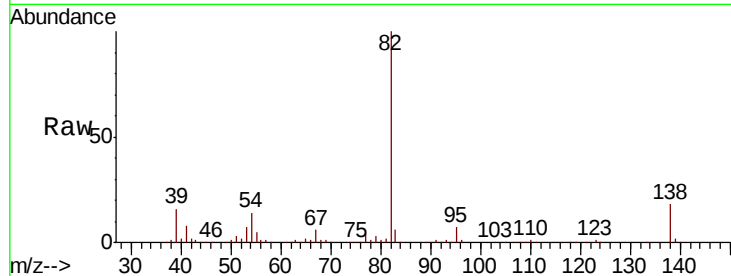




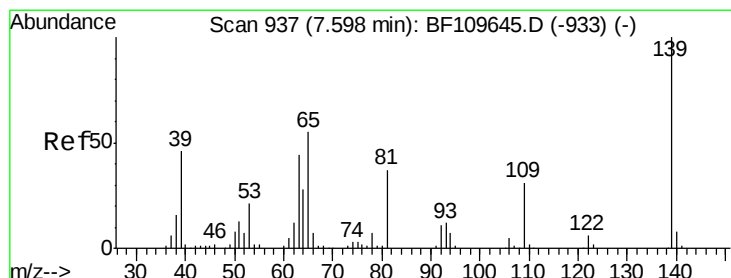
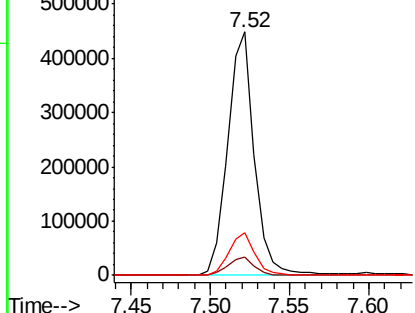
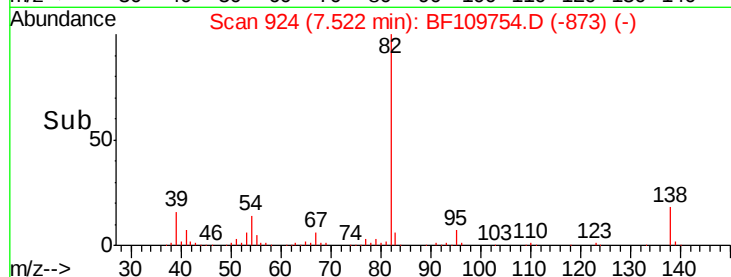
#25
Isophorone
Concen: 50.064 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tgt Ion: 82 Resp: 516651
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 17.6 13.2 19.8

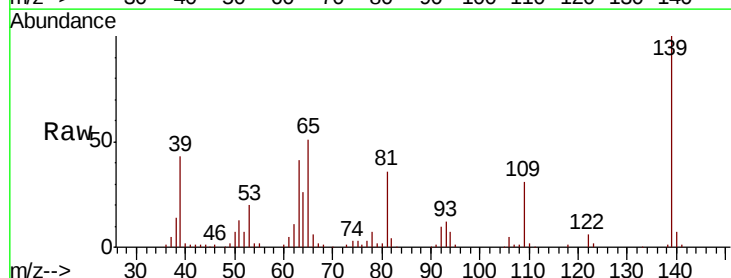


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

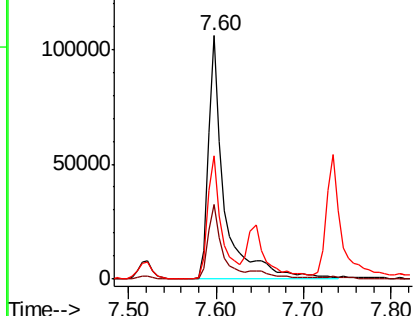
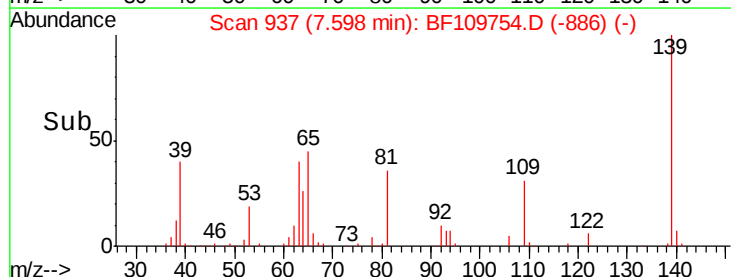


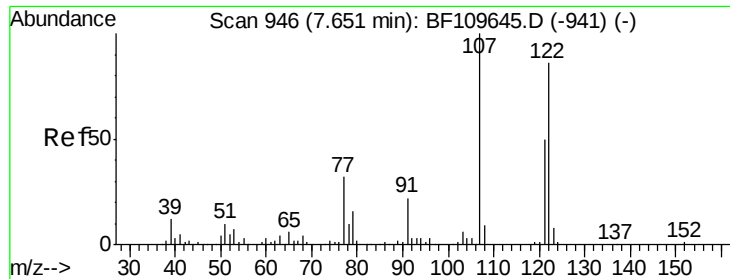
#26
2-Nitrophenol
Concen: 44.921 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion: 139 Resp: 135877
Ion Ratio Lower Upper
139 100
109 30.7 25.0 37.6
65 50.5 44.0 66.0



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

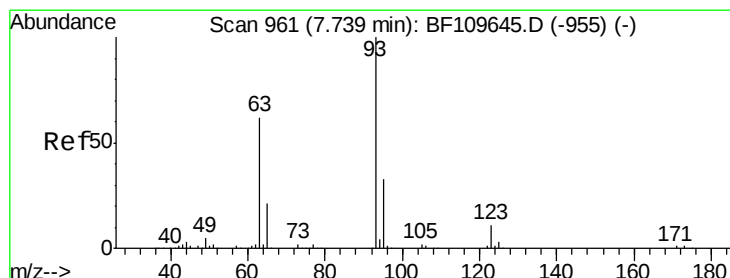
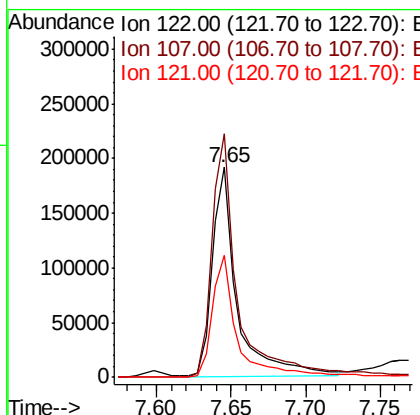
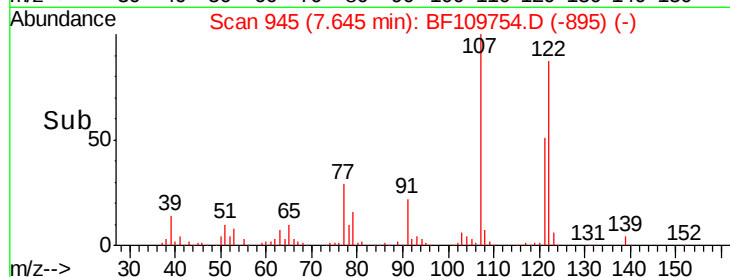
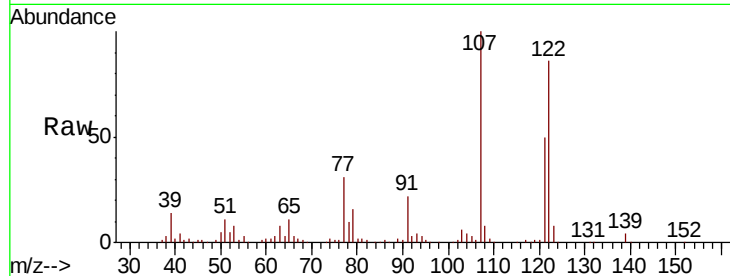




#27
2,4-Dimethylphenol
Concen: 50.702 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

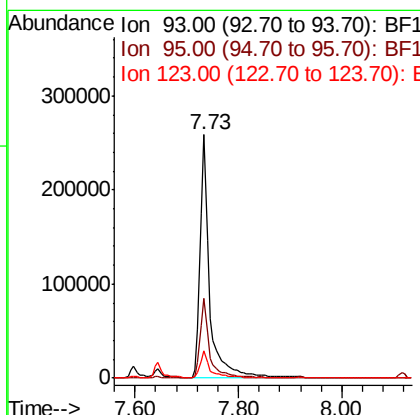
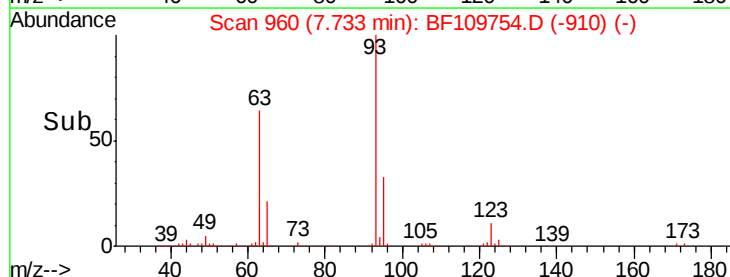
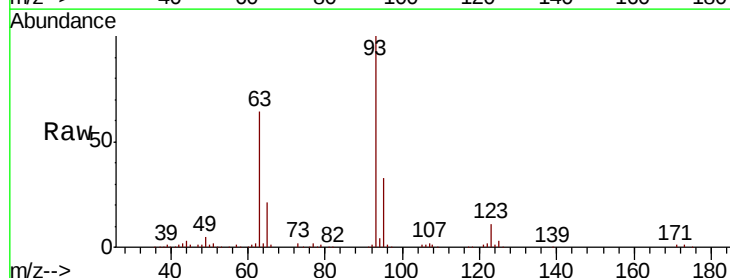
Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

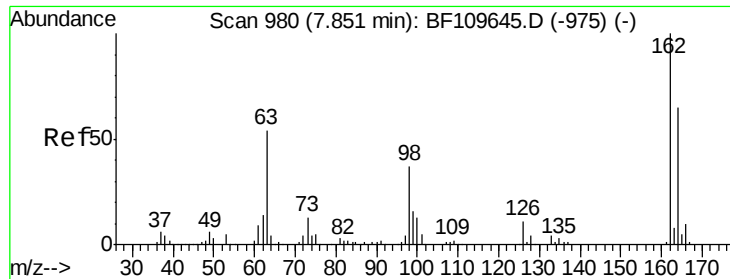
Tgt Ion:122 Resp: 221463
Ion Ratio Lower Upper
122 100
107 115.8 92.5 138.7
121 58.2 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.348 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion: 93 Resp: 323529
Ion Ratio Lower Upper
93 100
95 32.5 26.4 39.6
123 11.1 9.0 13.6

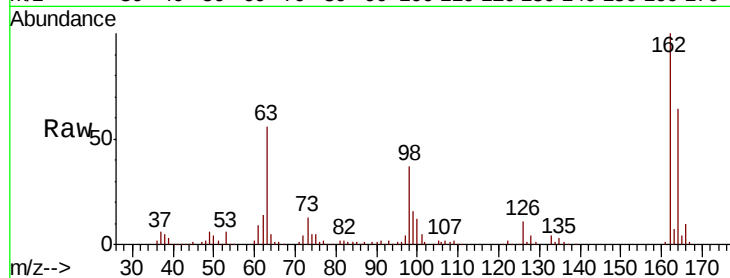




#29
 2,4-Dichlorophenol
 Concen: 45.879 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.6	84.6
98	36.7	17.4	57.4

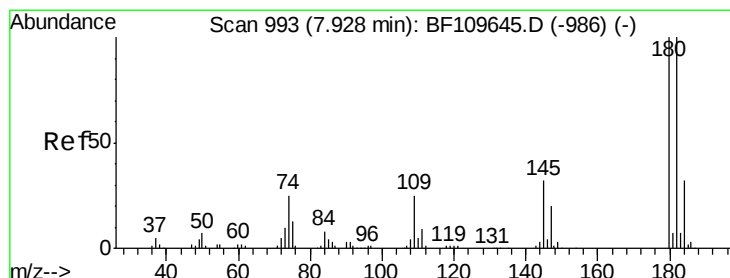
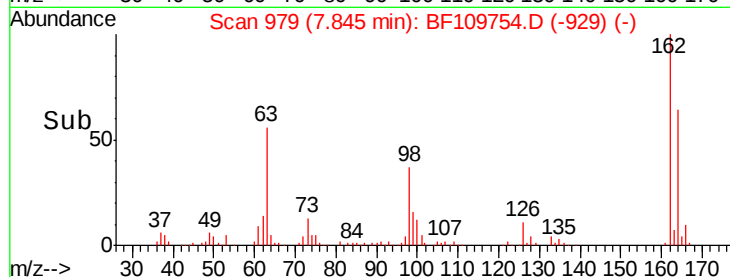
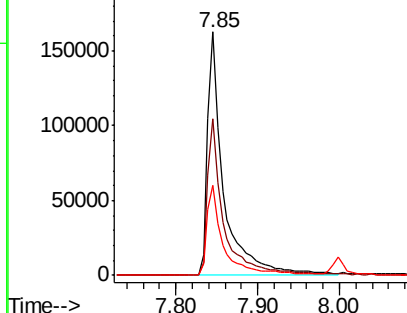


Abundance

Ion 162.00 (161.70 to 162.70): E

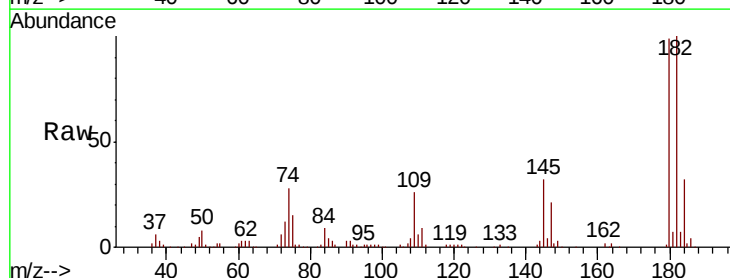
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.777 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.3	80.3	120.5
145	32.9	25.4	38.0

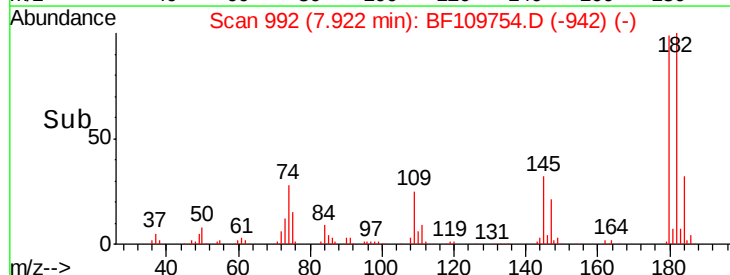
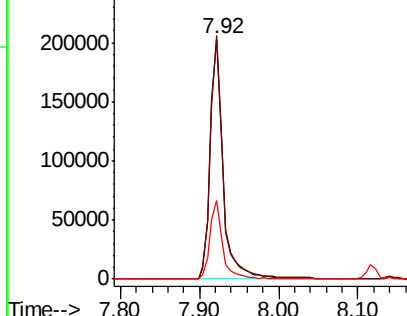


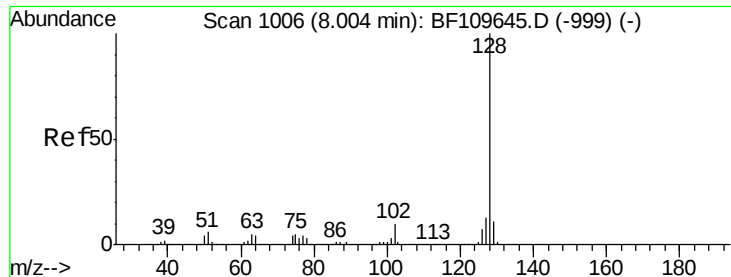
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

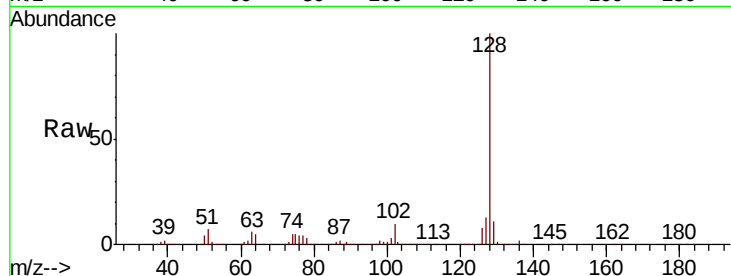




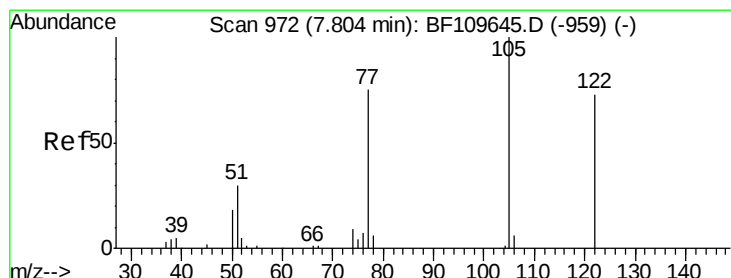
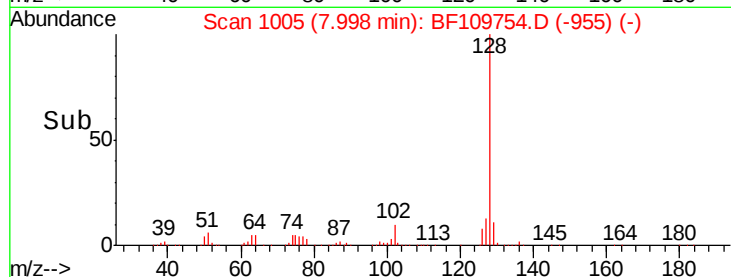
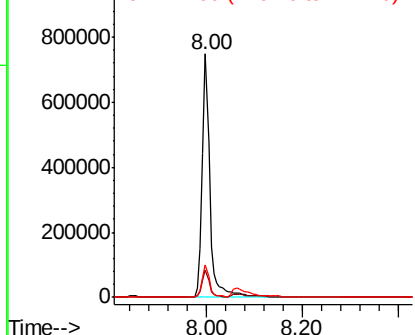
#31
Naphthalene
Concen: 52.932 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.5	10.8	16.2

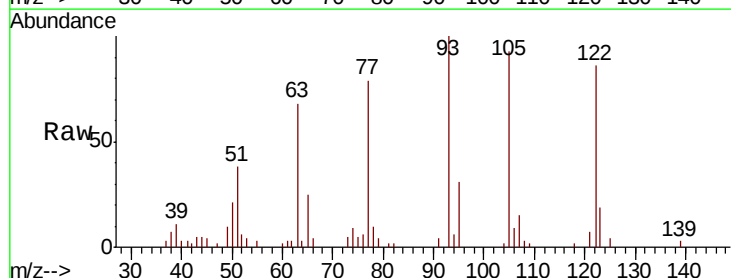


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

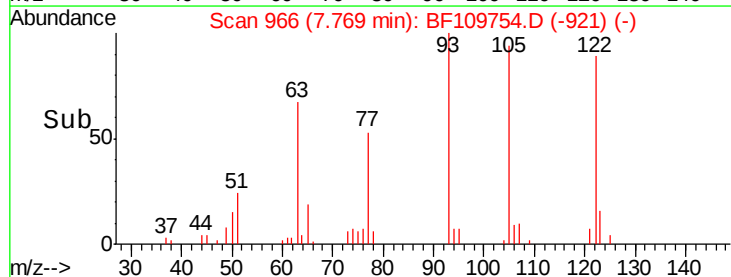
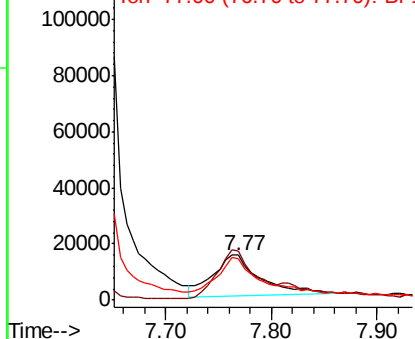


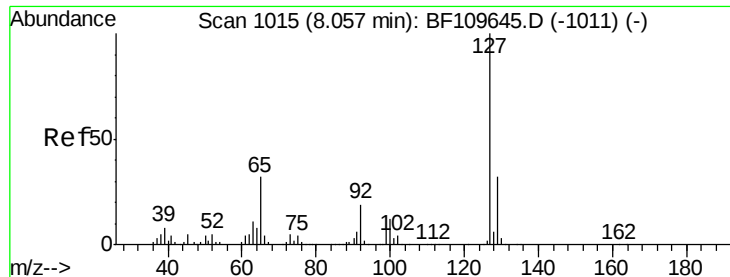
#32
Benzoic acid
Concen: 14.035 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.04 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	109.2	109.0	149.0
77	92.8	79.0	119.0



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

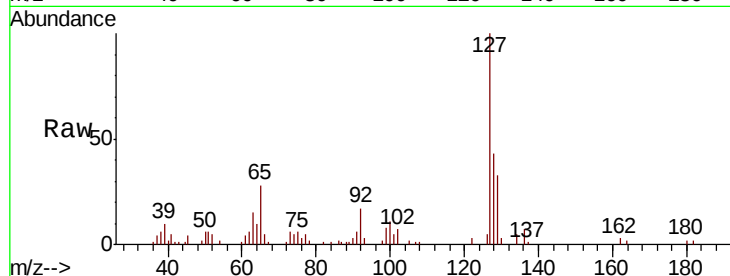




#33
4-Chloroaniline
Concen: 10.701 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tgt Ion:	127	Resp:	74660
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.0	39.0
65	28.3	25.1	37.7
92	17.0	15.0	22.6



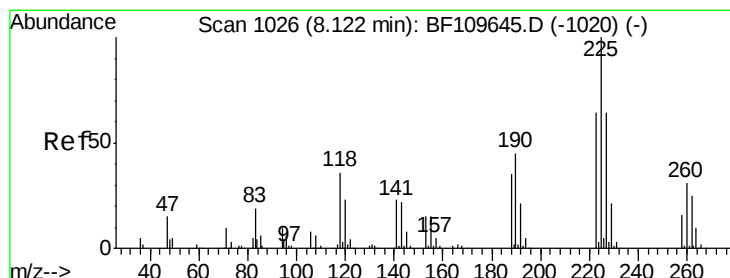
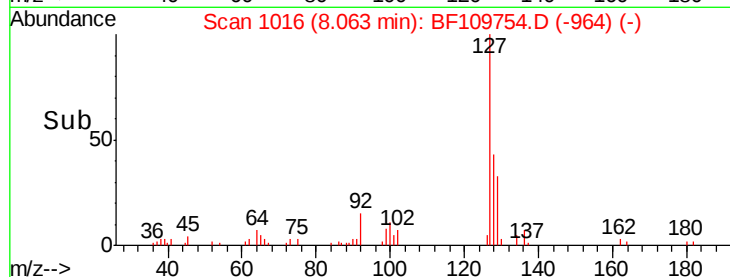
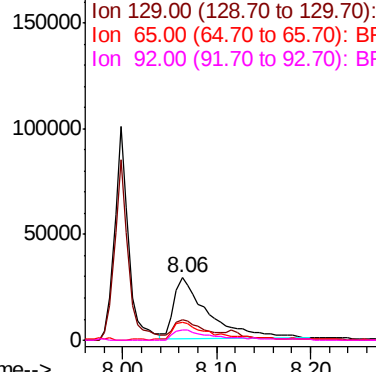
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

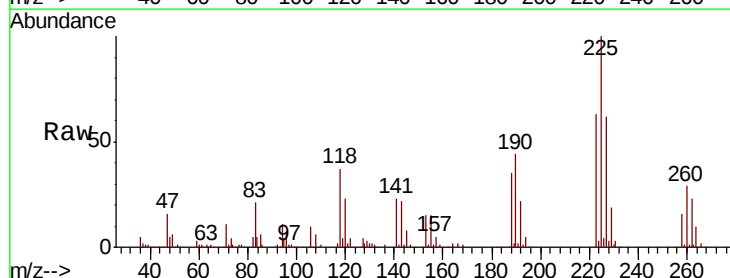
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.378 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion:	225	Resp:	139538
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.4	77.2
227	61.8	51.0	76.6

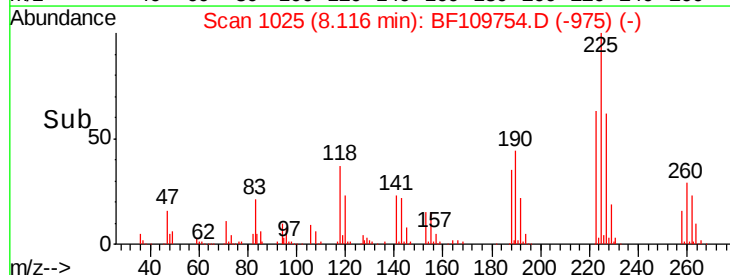
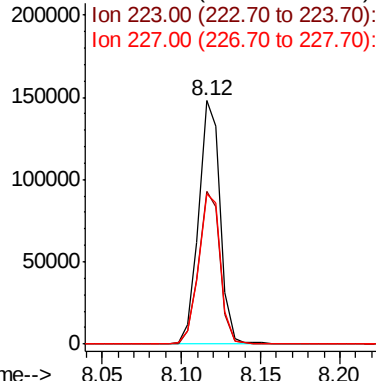


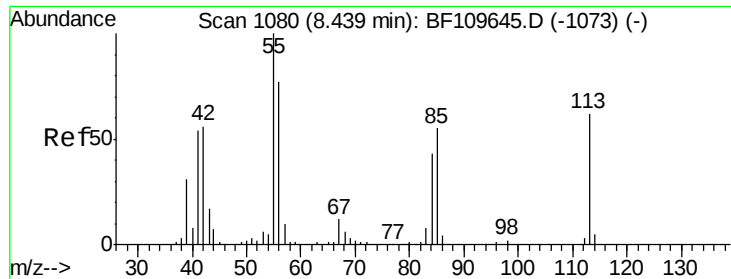
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

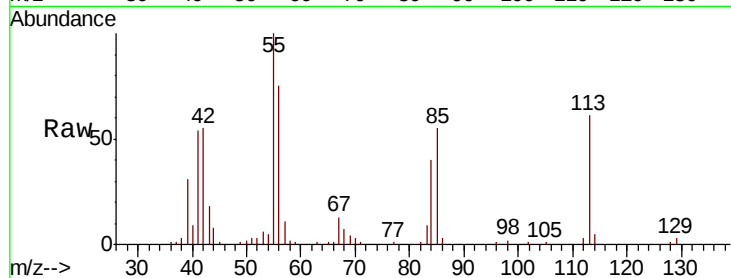




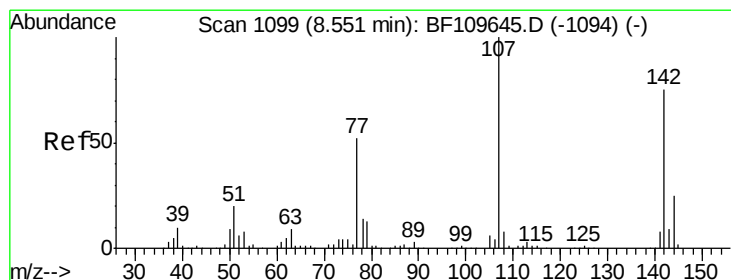
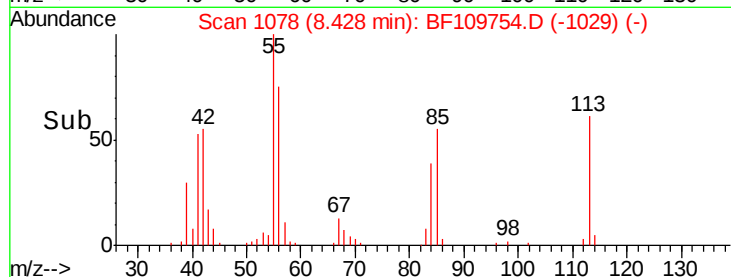
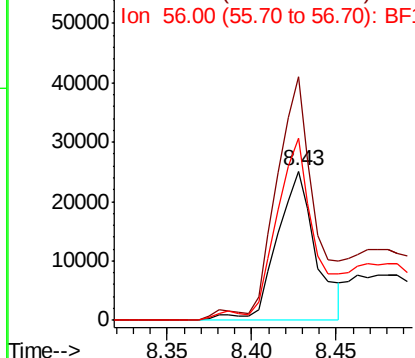
#35
 Caprolactam
 Concen: 27.500 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tgt Ion:113 Resp: 40237
 Ion Ratio Lower Upper
 113 100
 55 163.1 142.8 182.8
 56 122.0 105.0 145.0

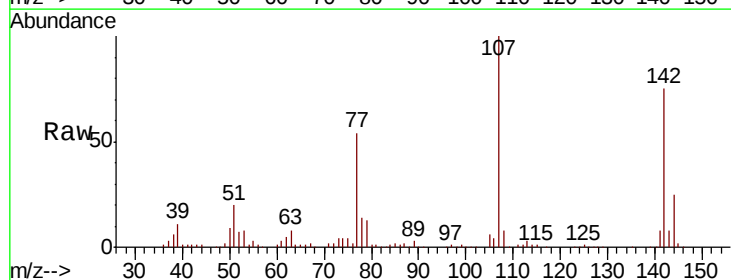


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

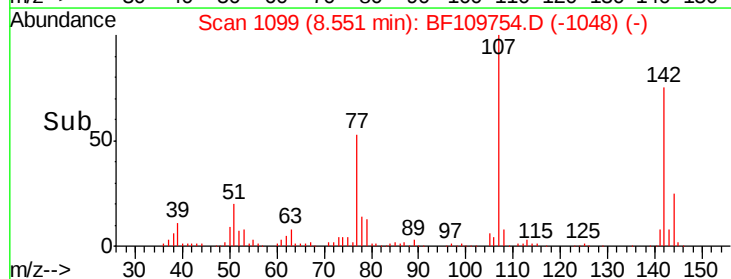
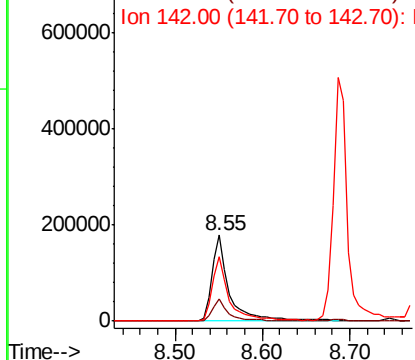


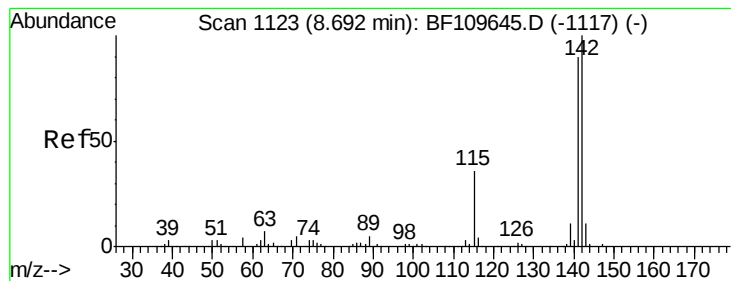
#36
 4-Chloro-3-methylphenol
 Concen: 47.591 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion:107 Resp: 246126
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.0 30.0
 142 75.4 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

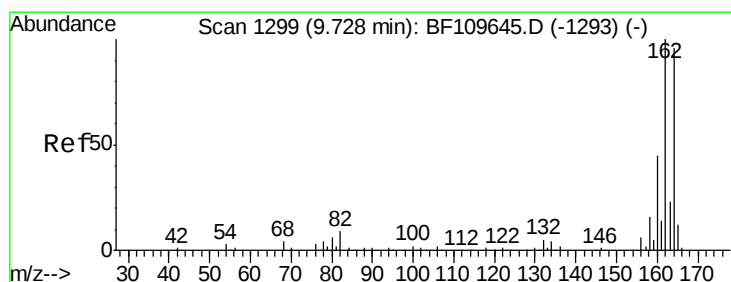
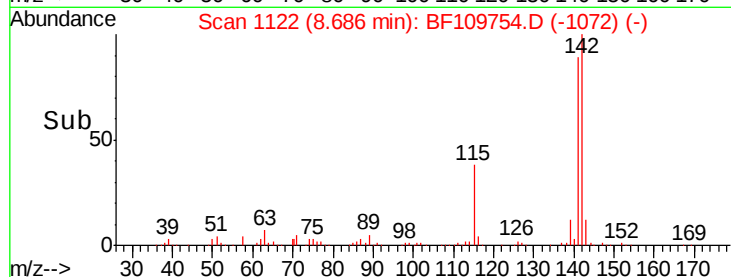
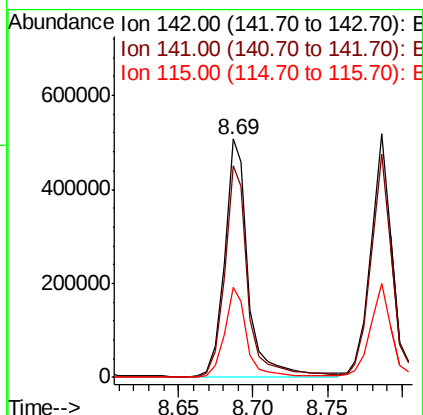
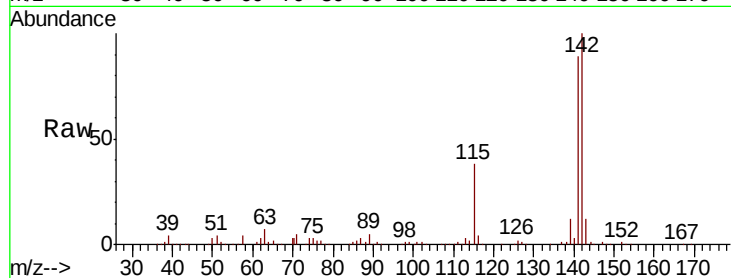




#37
 2-Methylnaphthalene
 Concen: 54.941 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

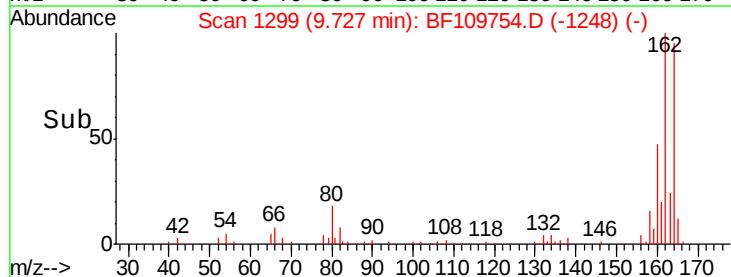
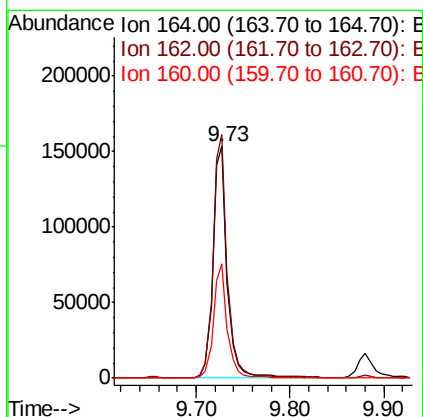
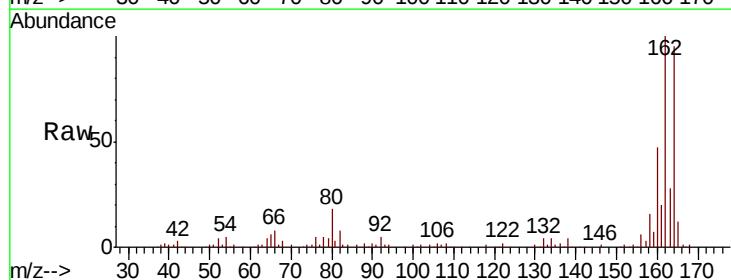
Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

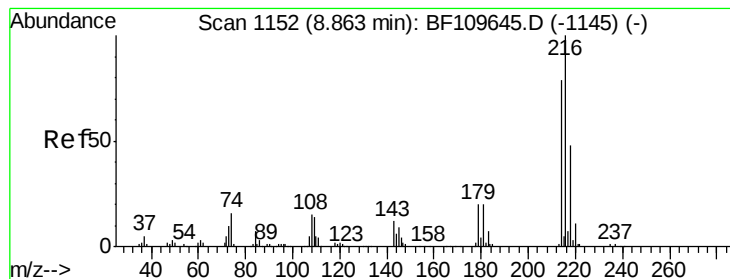
Tgt Ion:142 Resp: 570170
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.4 107.2
 115 37.8 28.7 43.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion:164 Resp: 166582
 Ion Ratio Lower Upper
 164 100
 162 105.0 83.0 124.6
 160 49.2 37.0 55.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.146 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

ClientSampleId :

RBR200035MSD

Tgt Ion:216 Resp: 238991

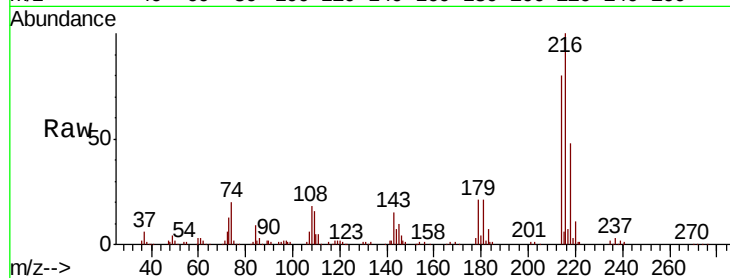
Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.6

179 21.0 16.6 25.0

108 20.8 15.1 22.7

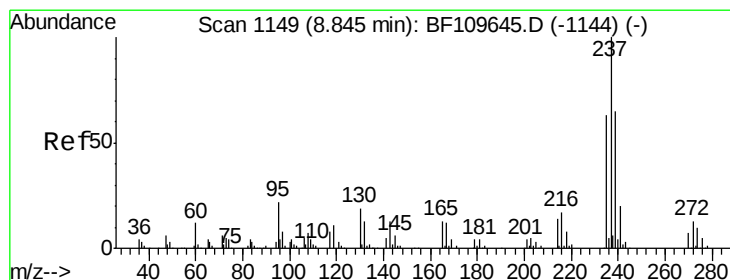
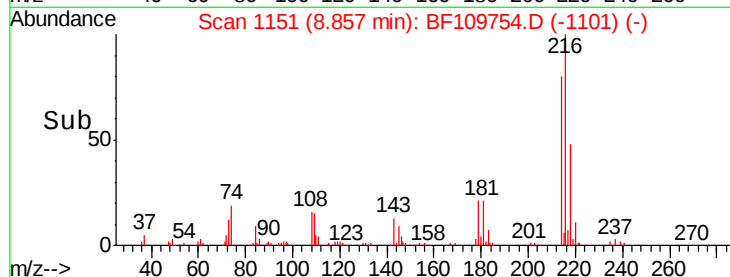
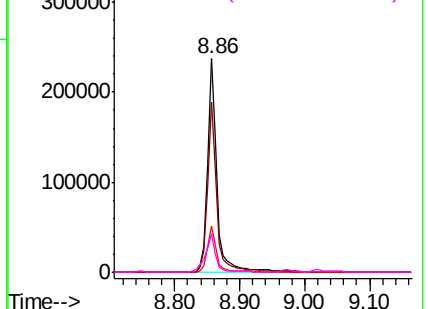


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 75.996 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

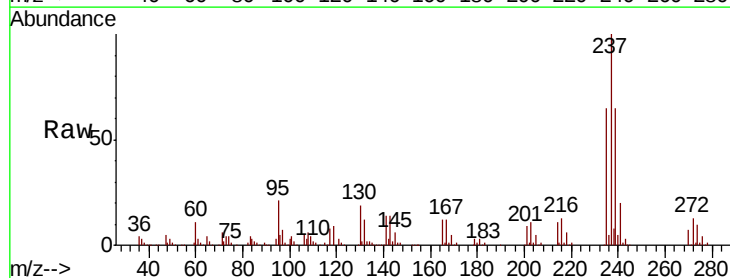
Tgt Ion:237 Resp: 187709

Ion Ratio Lower Upper

237 100

235 64.6 43.1 83.1

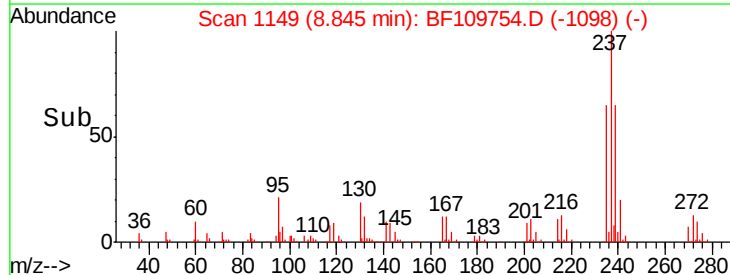
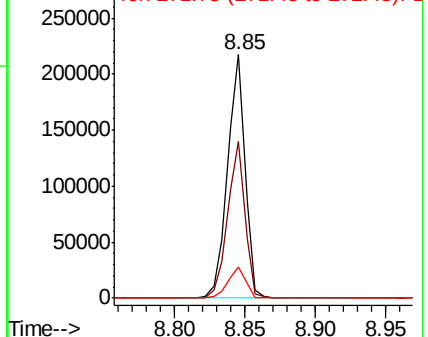
272 12.6 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

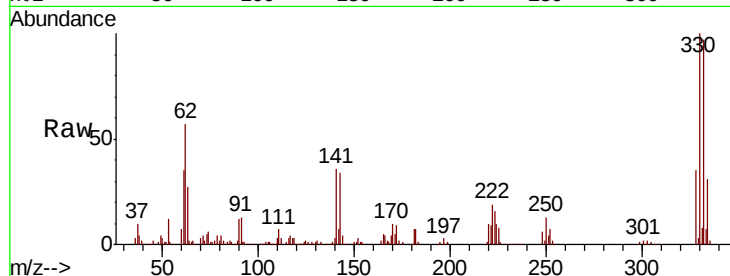




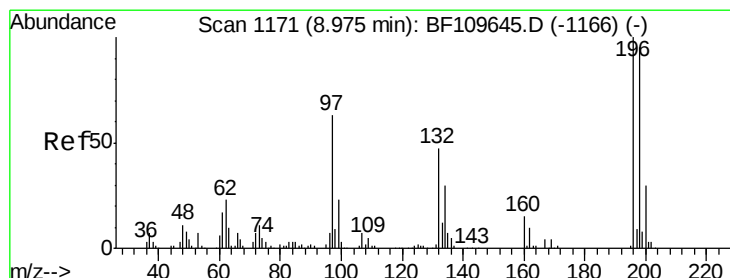
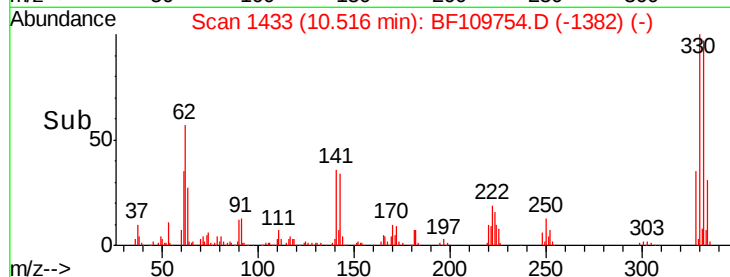
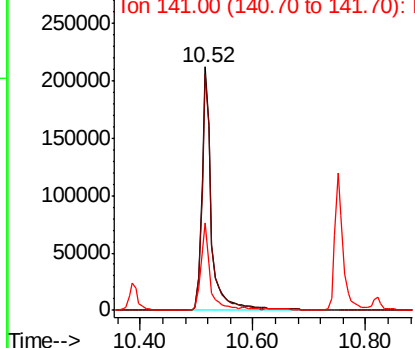
#41
 2,4,6-Tribromophenol
 Concen: 140.235 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tgt Ion:330 Resp: 254539
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.1 115.7
 141 33.5 27.0 40.4

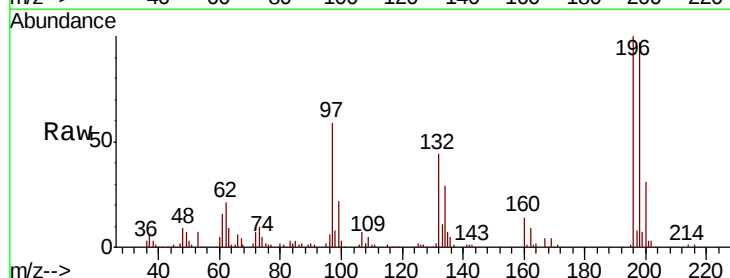


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

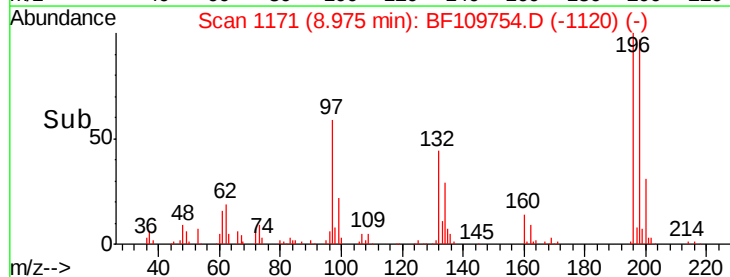
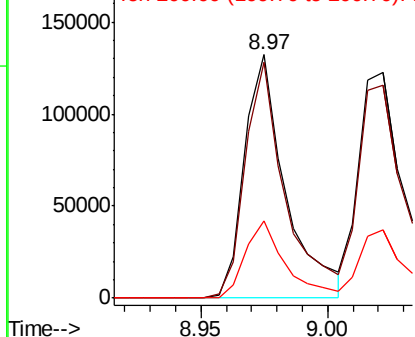


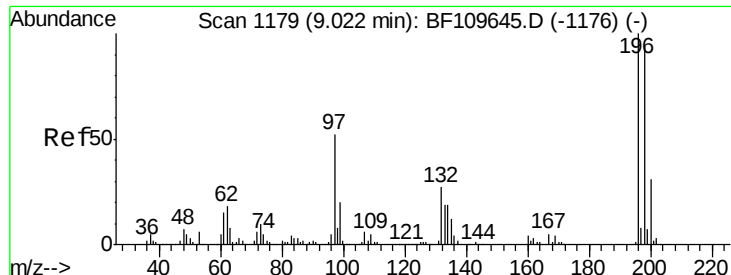
#42
 2,4,6-Trichlorophenol
 Concen: 44.160 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion:196 Resp: 149692
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.2 114.4
 200 31.5 24.4 36.6



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

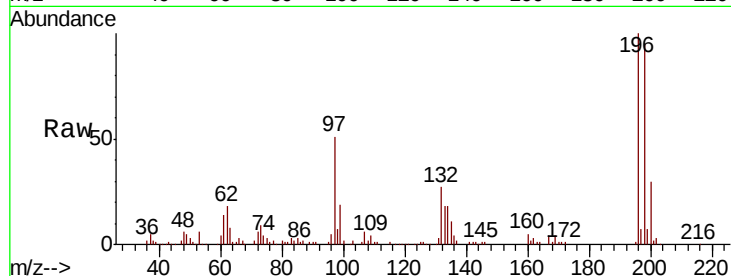




#43
 2,4,5-Trichlorophenol
 Concen: 44.693 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.8	113.6
97	51.1	42.4	63.6
132	27.4	22.8	34.2



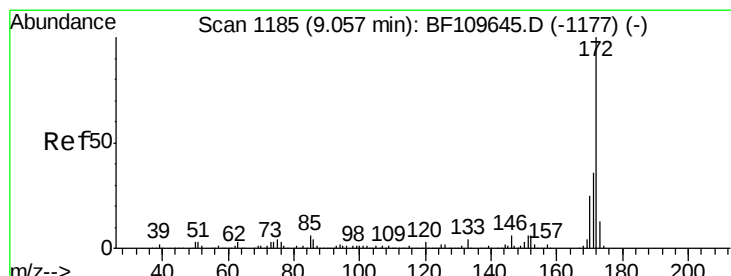
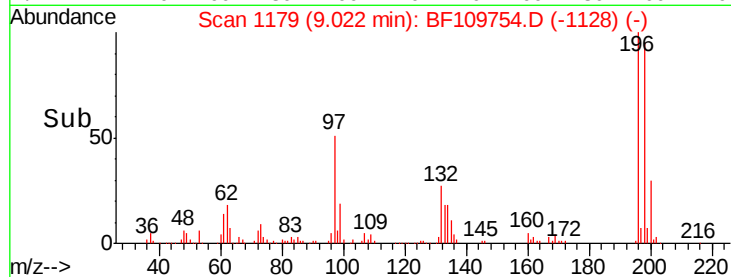
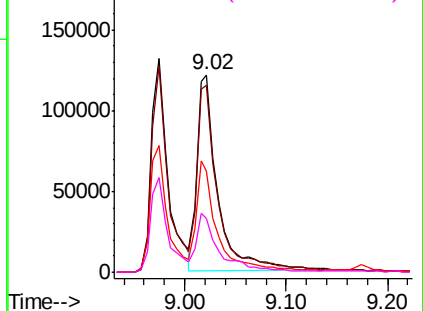
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

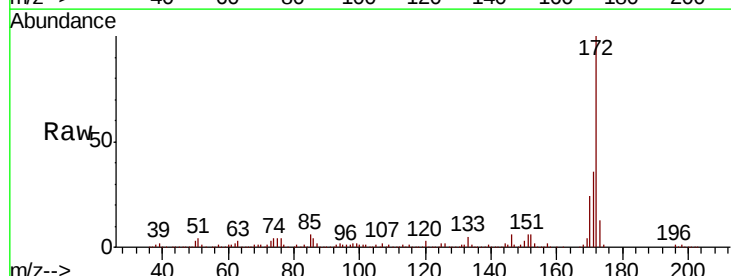
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.333 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.9	19.7	29.5

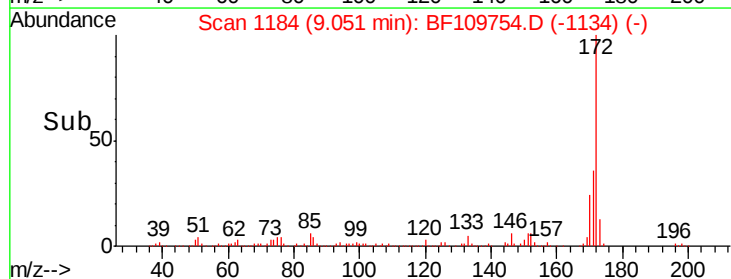
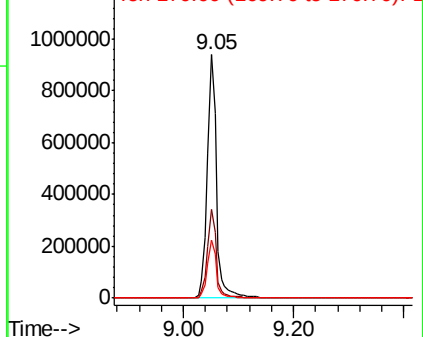


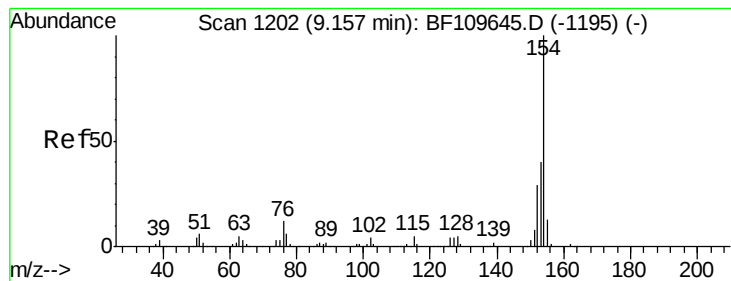
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.637 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

ClientSampleId :

RBR200035MSD

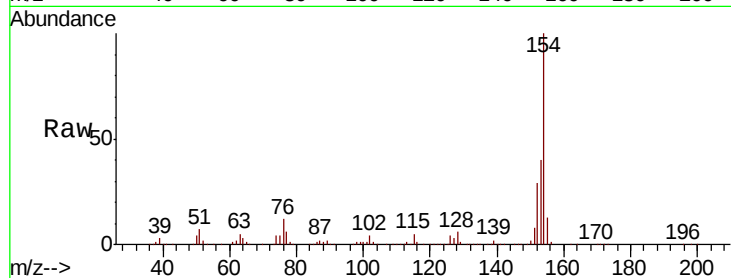
Tgt Ion:154 Resp: 649386

Ion Ratio Lower Upper

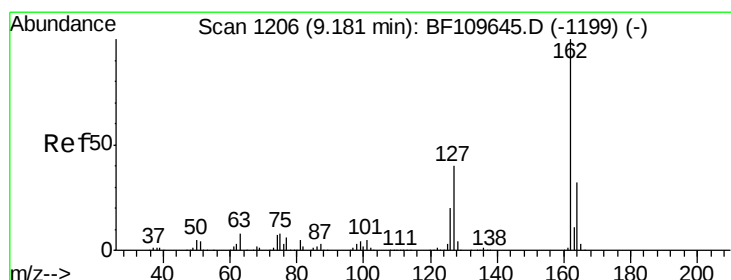
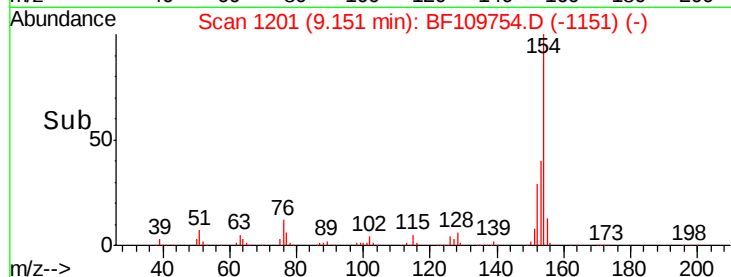
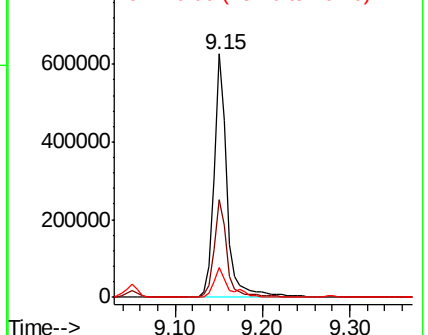
154 100

153 40.1 20.4 60.4

76 12.3 0.0 31.9



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



#46

2-Chloronaphthalene

Concen: 42.963 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

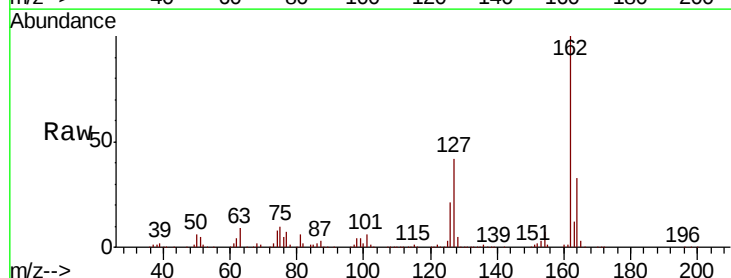
Tgt Ion:162 Resp: 479005

Ion Ratio Lower Upper

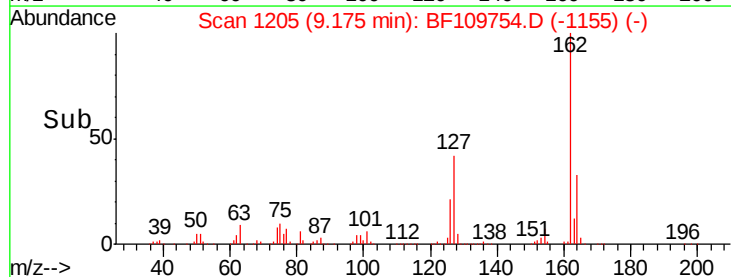
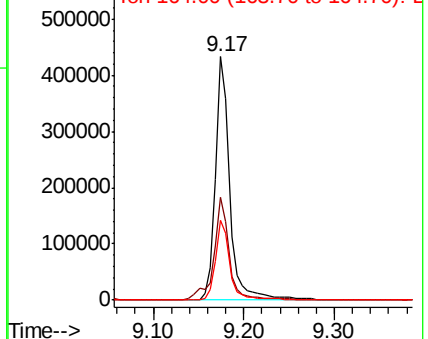
162 100

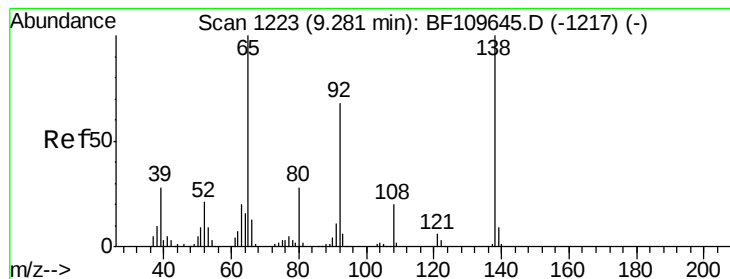
127 42.4 32.6 48.8

164 32.6 25.9 38.9



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





#47

2-Nitroaniline

Concen: 46.985 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

ClientSampleId :

RBR200035MSD

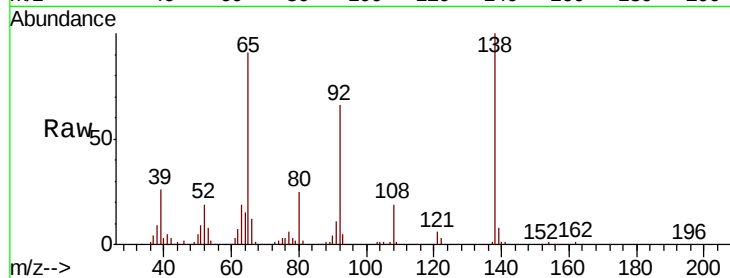
Tgt Ion: 65 Resp: 158615

Ion Ratio Lower Upper

65 100

92 72.7 54.6 81.8

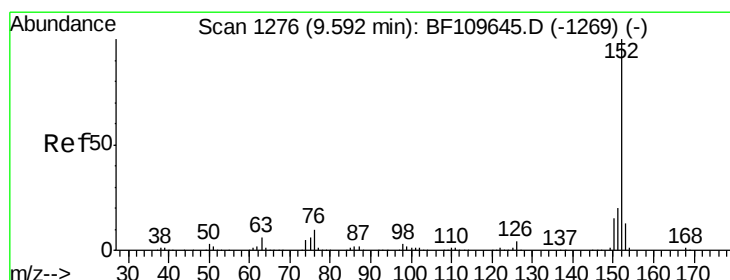
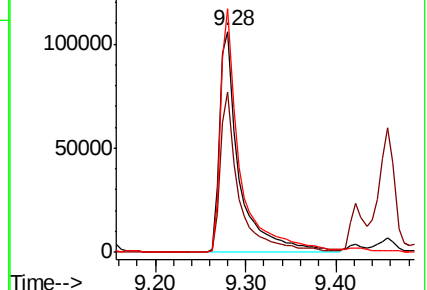
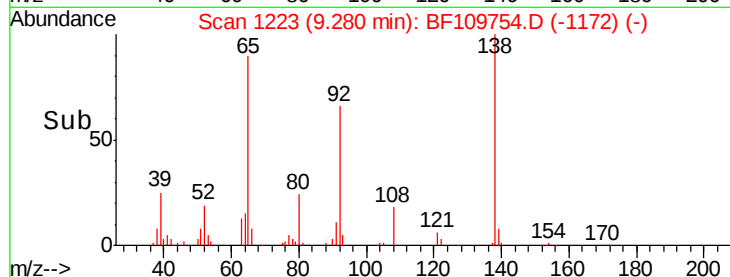
138 110.1 80.3 120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 47.236 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

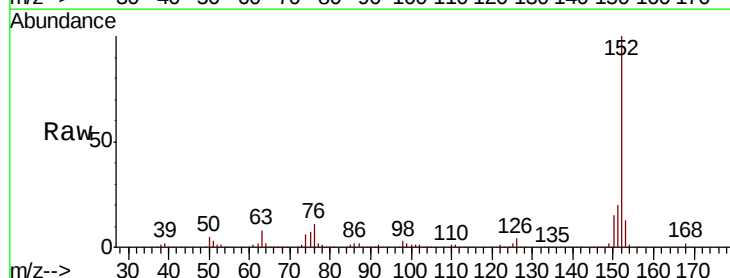
Tgt Ion: 152 Resp: 767767

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

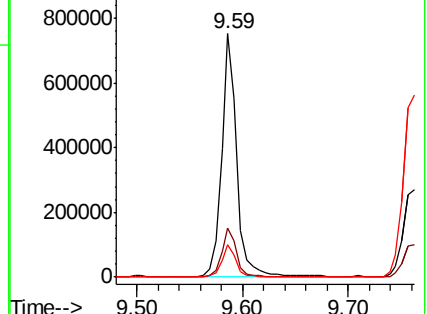
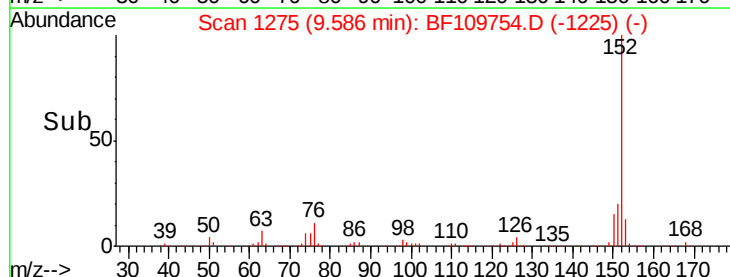
153 13.4 10.4 15.6

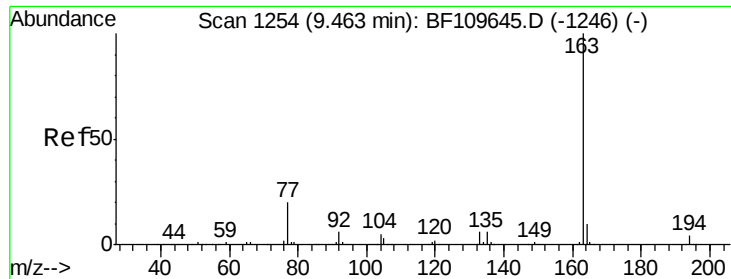


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

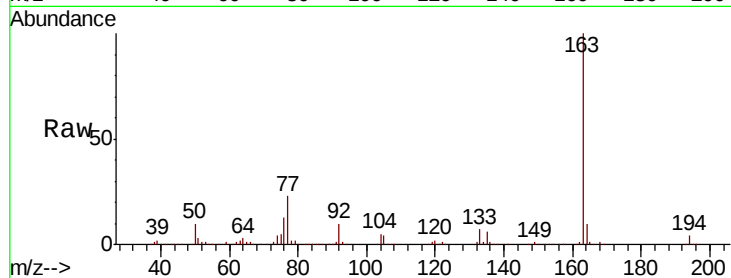




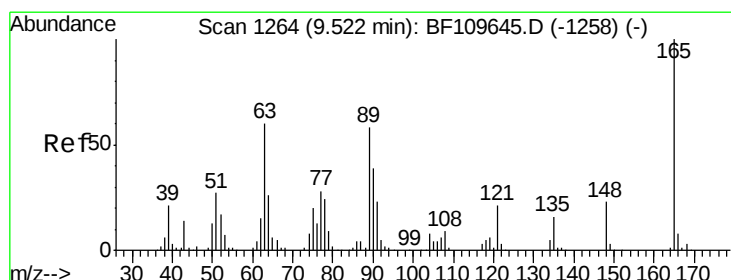
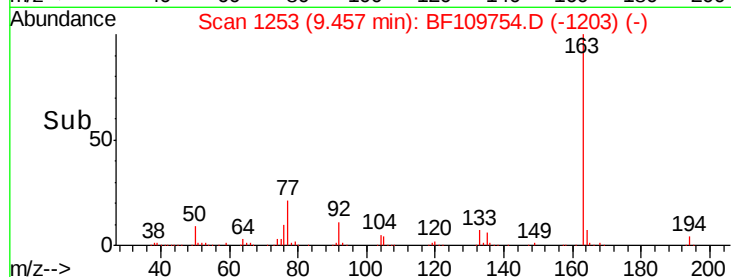
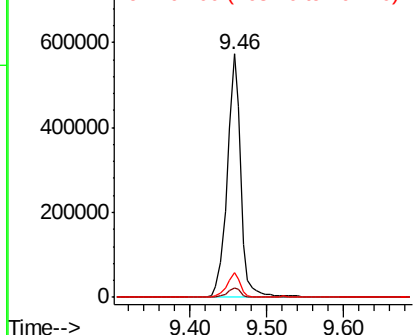
#49
Dimethylphthalate
Concen: 57.937 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tgt Ion:163 Resp: 707834
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.3 8.1 12.1

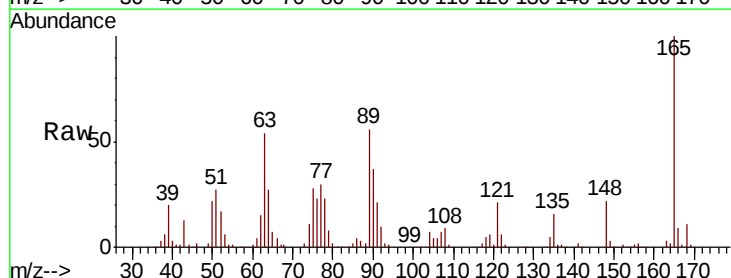


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

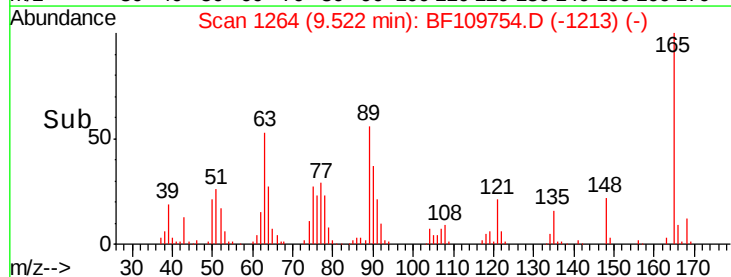
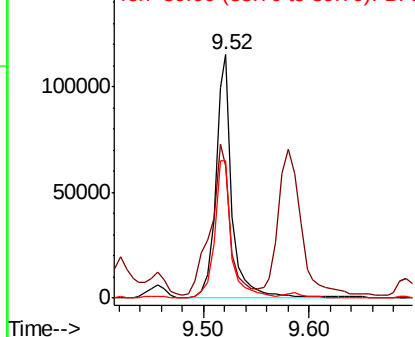


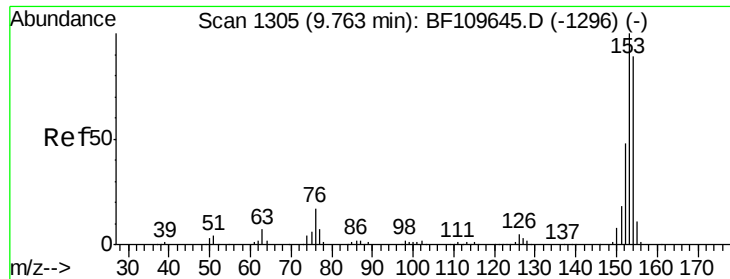
#50
2,6-Dinitrotoluene
Concen: 47.436 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion:165 Resp: 125624
Ion Ratio Lower Upper
165 100
63 54.2 48.9 73.3
89 56.3 46.6 69.8



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





#51

Acenaphthene

Concen: 54.018 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

ClientSampleId :

RBR200035MSD

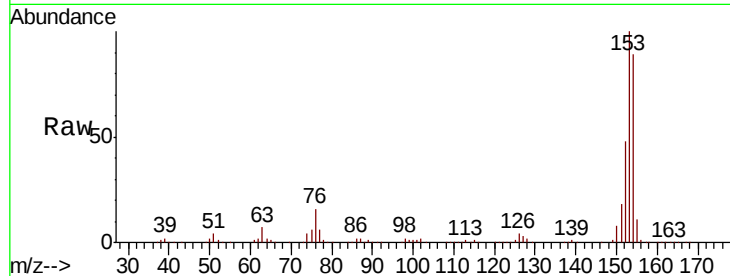
Tgt Ion:154 Resp: 520485

Ion Ratio Lower Upper

154 100

153 112.5 90.1 135.1

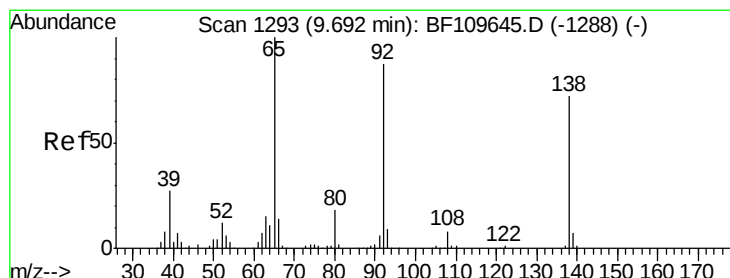
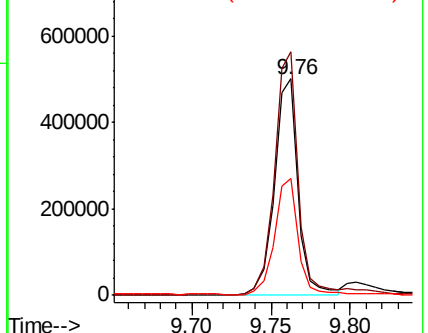
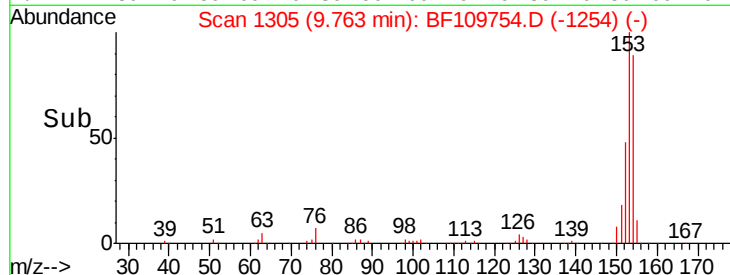
152 54.0 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.740 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

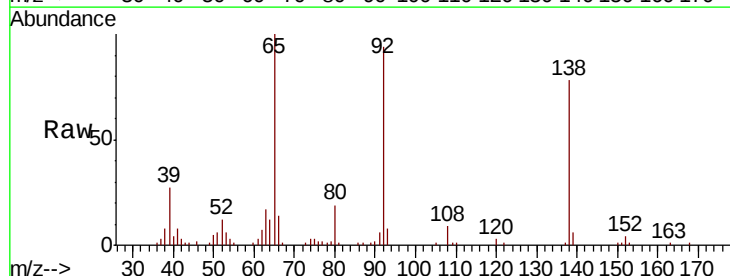
Tgt Ion:138 Resp: 73444

Ion Ratio Lower Upper

138 100

108 11.6 8.7 13.1

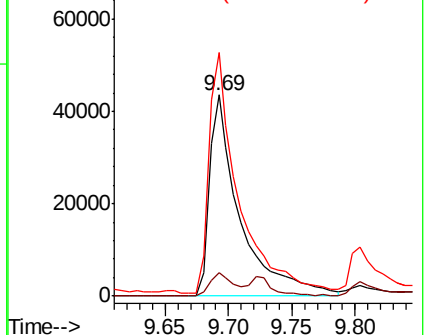
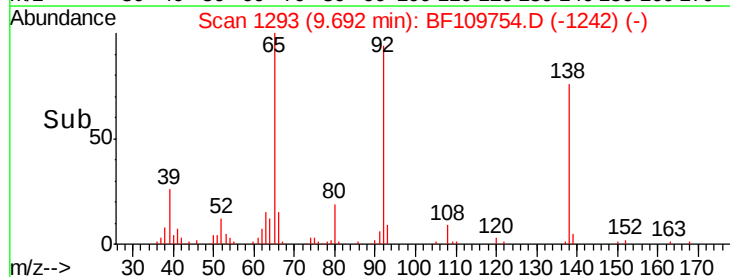
92 121.2 97.0 145.4

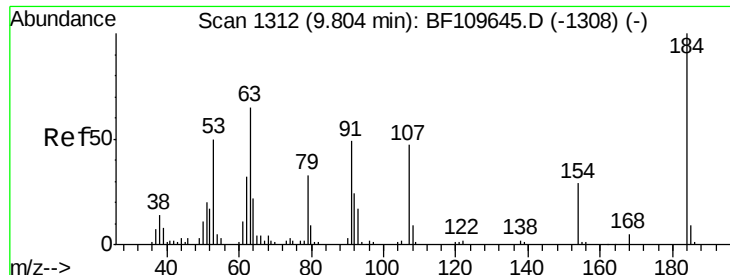


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

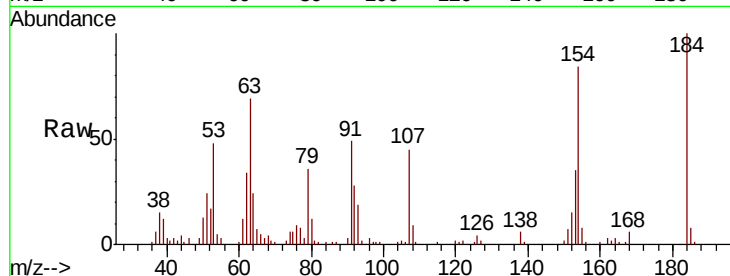




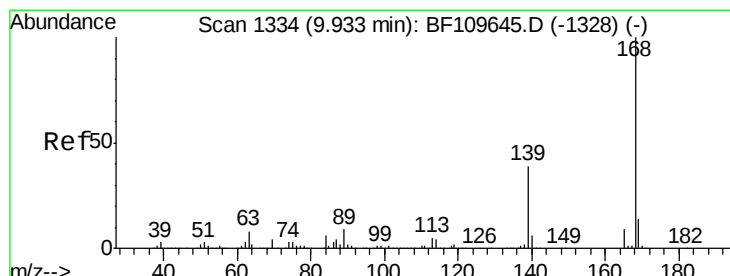
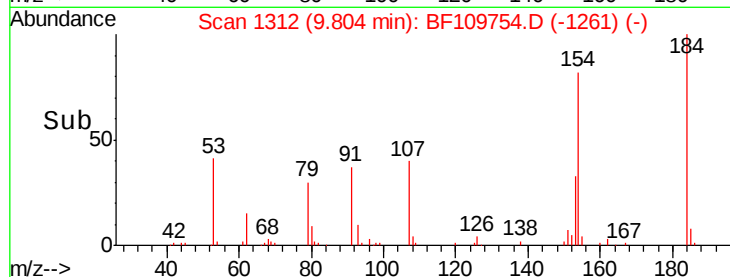
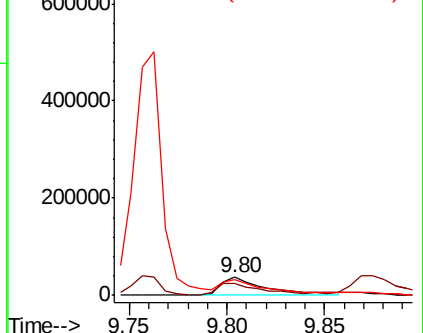
#53
2,4-Dinitrophenol
Concen: 70.316 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tgt Ion:184 Resp: 60080
Ion Ratio Lower Upper
184 100
63 69.0 55.8 83.6
154 84.0 63.2 94.8

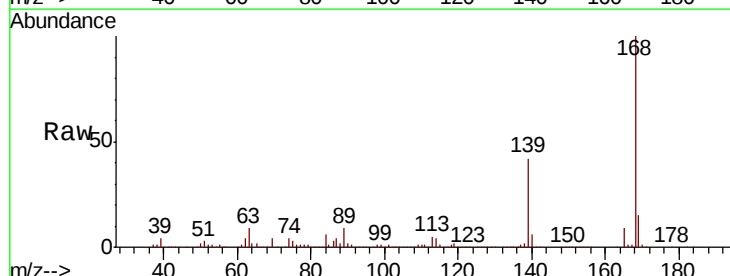


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

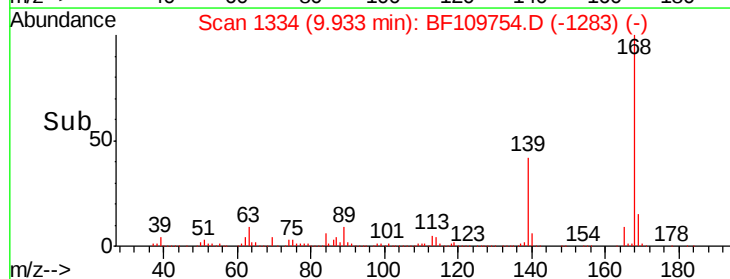
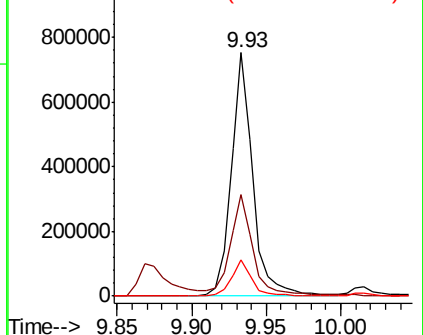


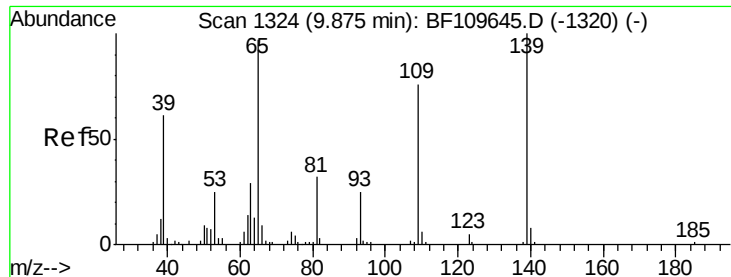
#54
Dibenzofuran
Concen: 52.915 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion:168 Resp: 764259
Ion Ratio Lower Upper
168 100
139 41.7 33.0 49.6
169 14.7 11.3 16.9



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

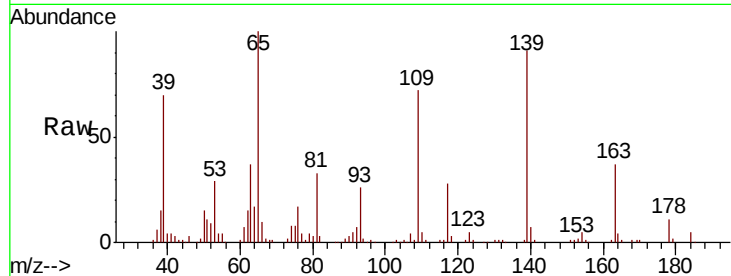




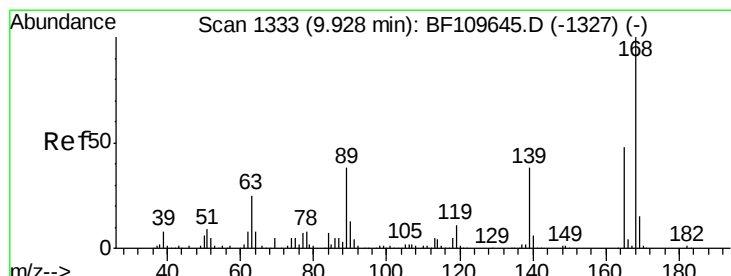
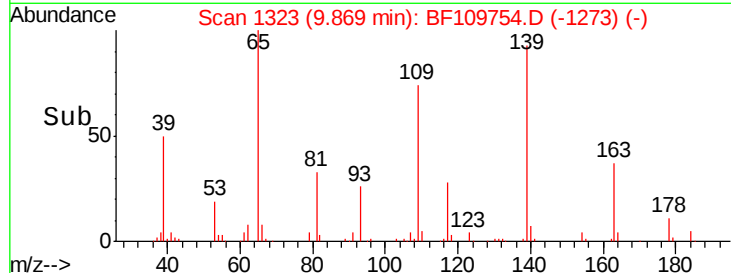
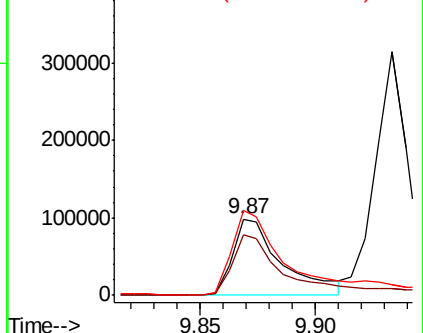
#55
4-Nitrophenol
Concen: 90.276 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tgt Ion:139 Resp: 146692
Ion Ratio Lower Upper
139 100
109 79.4 55.8 95.8
65 110.3 77.9 117.9



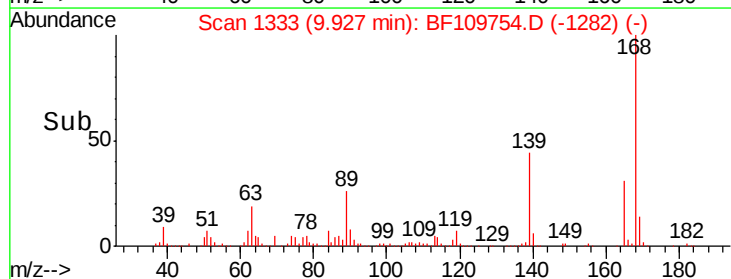
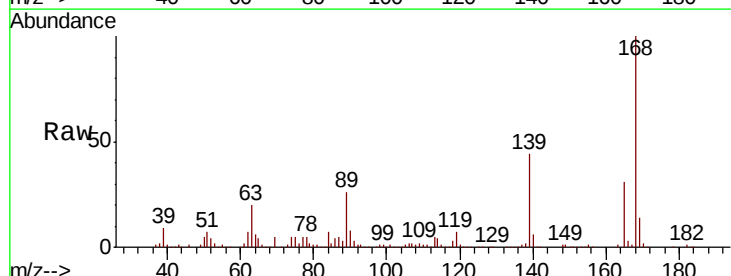
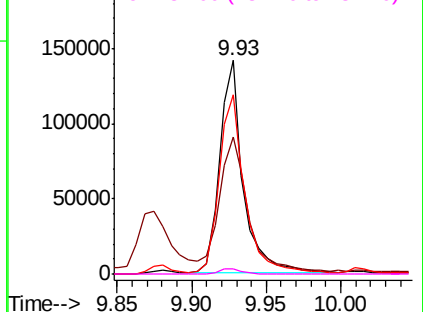
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

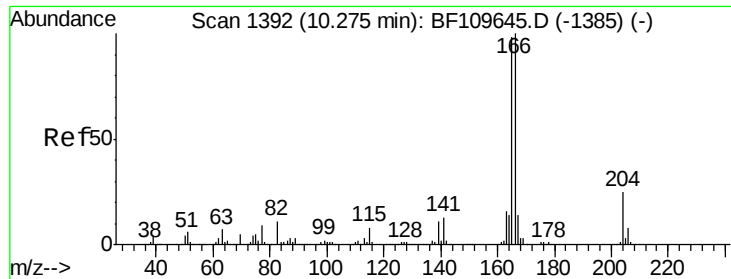


#56
2,4-Dinitrotoluene
Concen: 47.094 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion:165 Resp: 155641
Ion Ratio Lower Upper
165 100
63 64.3 44.8 67.2
89 83.8 62.2 93.4
182 2.5 2.1 3.1

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

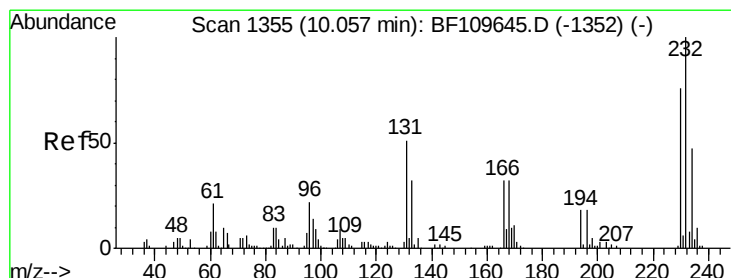
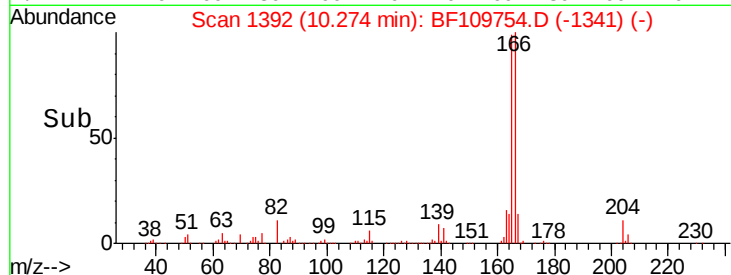
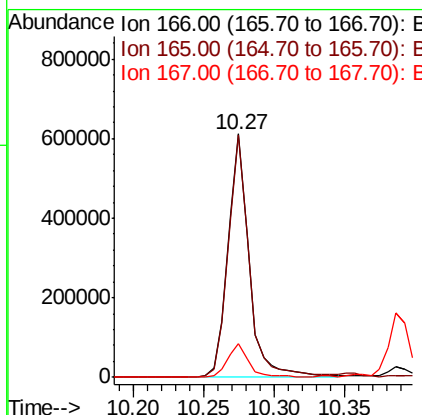
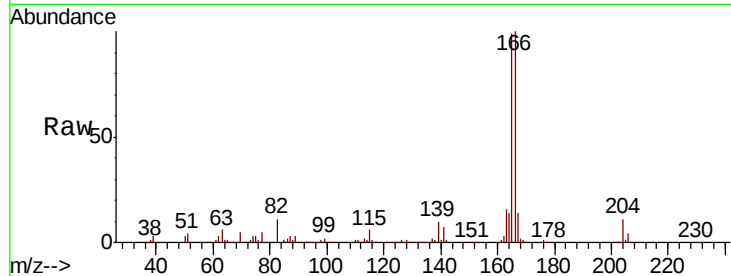




#57
Fluorene
 Concen: 58.987 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

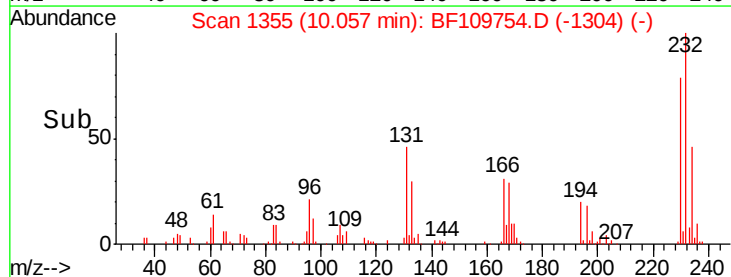
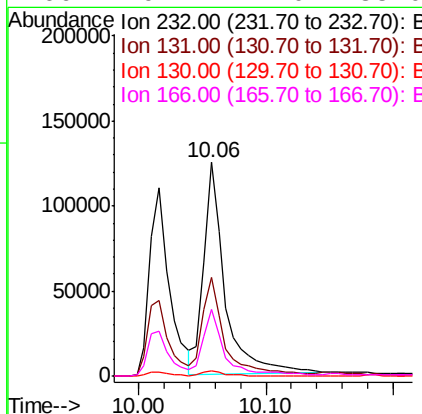
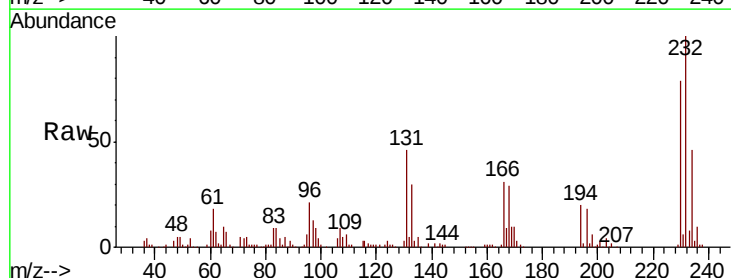
Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

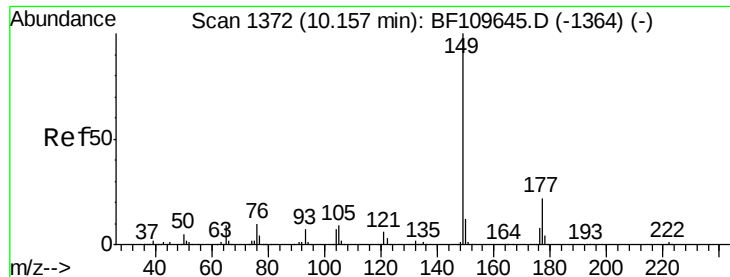
Tgt Ion:166 Resp: 636230
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.6 117.8
 167 13.7 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.086 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion:232 Resp: 146014
 Ion Ratio Lower Upper
 232 100
 131 48.1 37.0 55.4
 130 2.4 1.8 2.6
 166 29.4 22.0 33.0

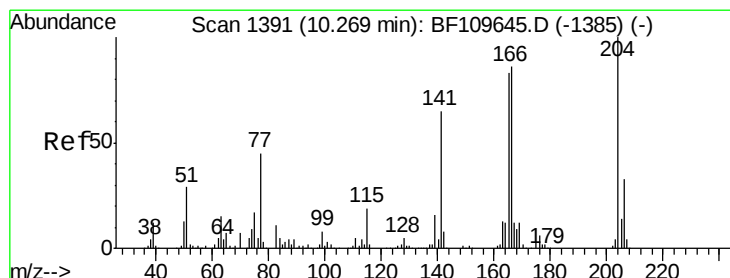
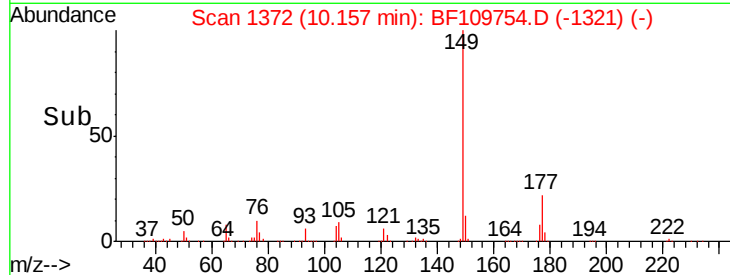
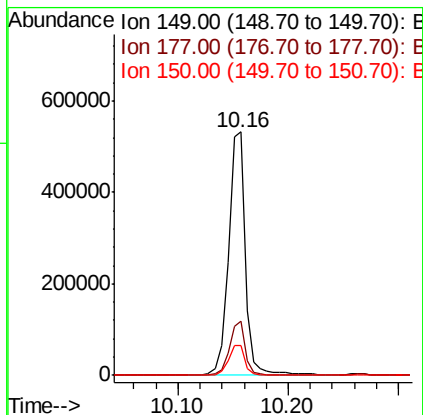
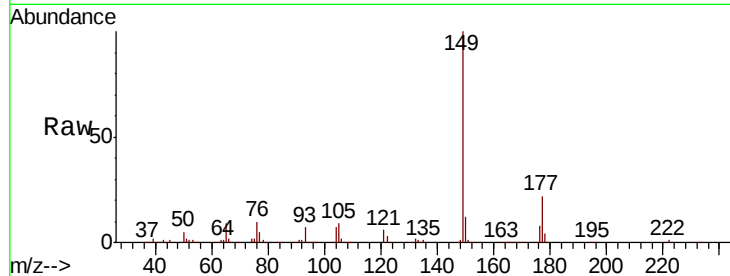




#59
Diethylphthalate
Concen: 47.329 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

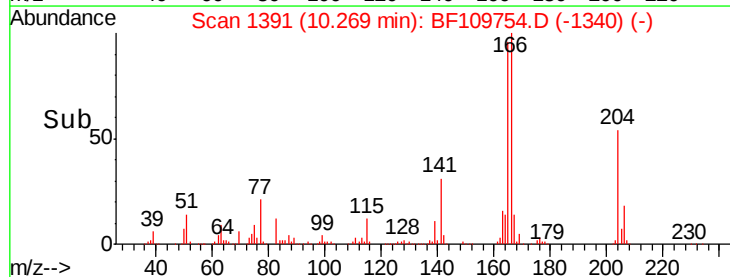
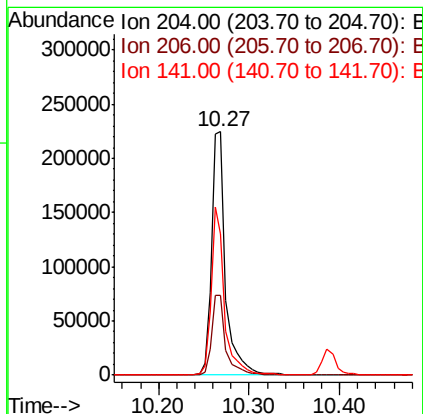
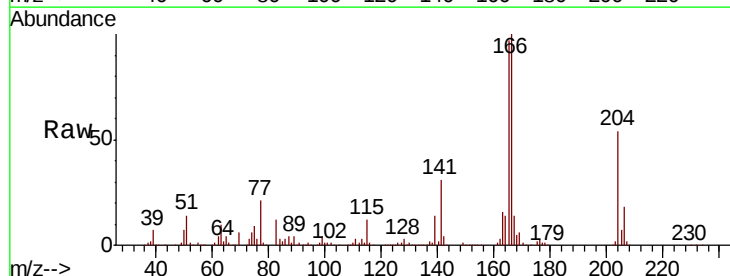
Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

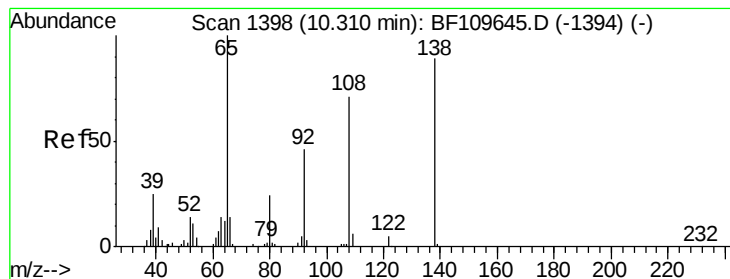
Tgt Ion:149 Resp: 572916
Ion Ratio Lower Upper
149 100
177 22.3 17.4 26.2
150 12.1 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 43.197 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion:204 Resp: 245801
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 57.9 51.8 77.8





#61

4-Nitroaniline

Concen: 46.695 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

ClientSampleId :

RBR200035MSD

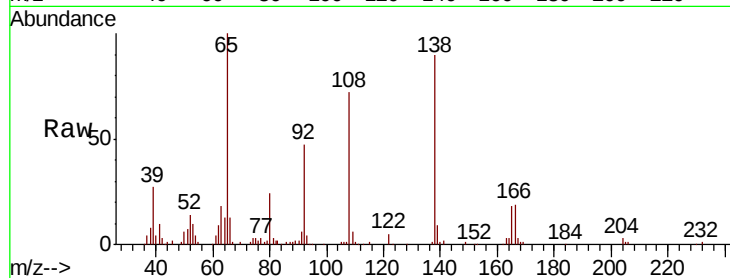
Tgt Ion:138 Resp: 128375

Ion Ratio Lower Upper

138 100

92 52.3 31.7 71.7

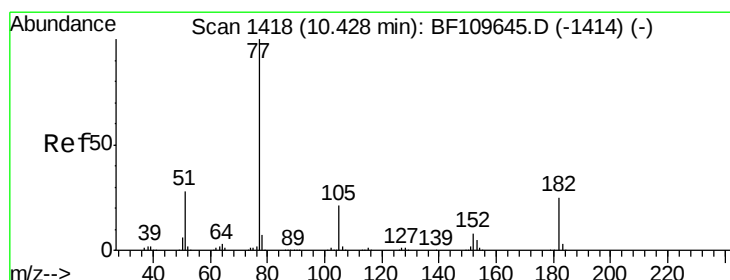
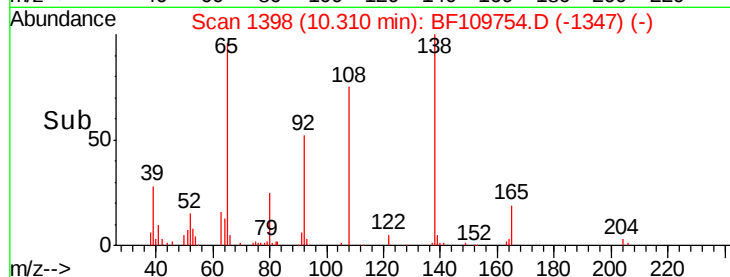
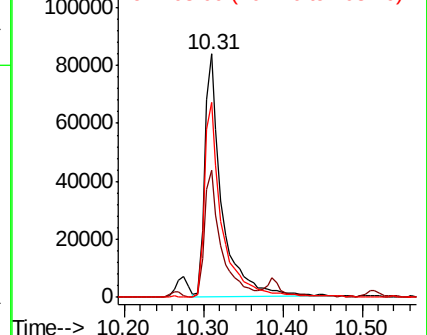
108 79.9 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.750 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Tgt Ion: 77 Resp: 574676

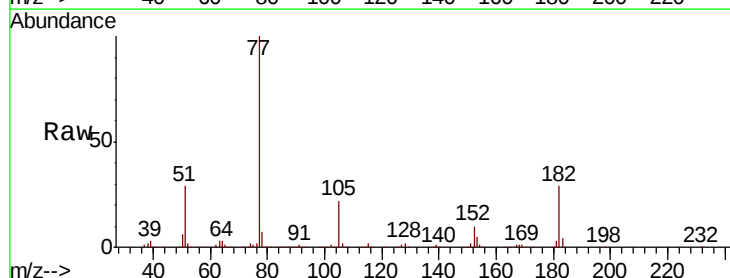
Ion Ratio Lower Upper

77 100

182 29.1 4.3 44.3

105 21.8 1.3 41.3

51 28.5 9.0 49.0

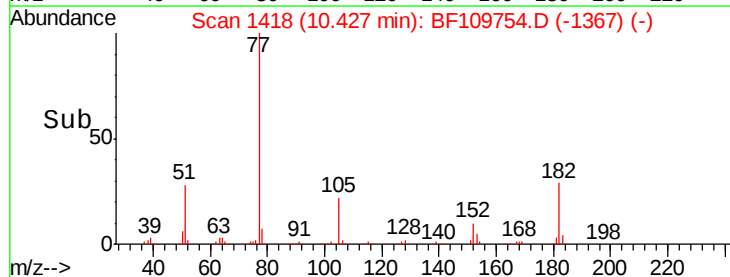
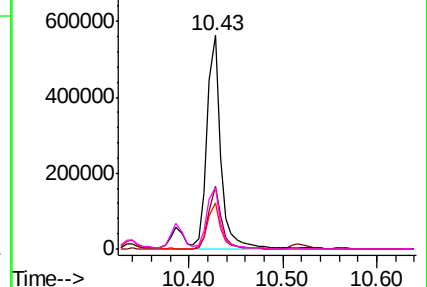


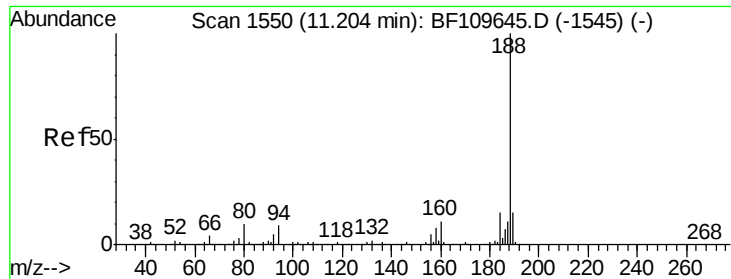
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

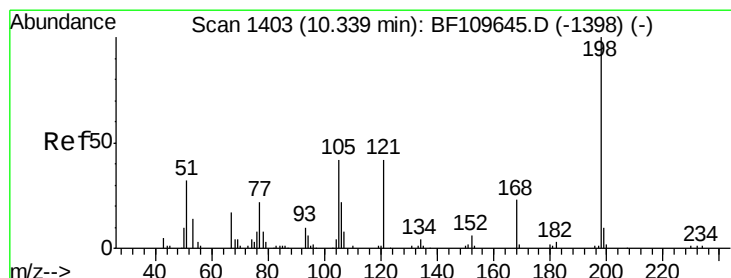
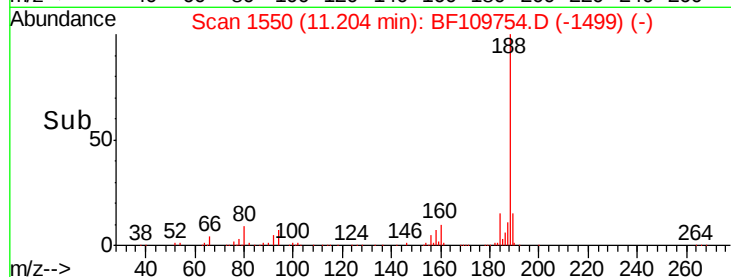
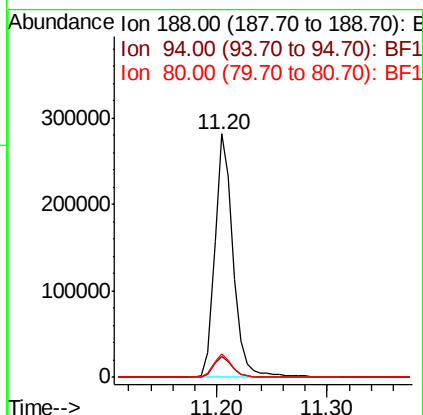
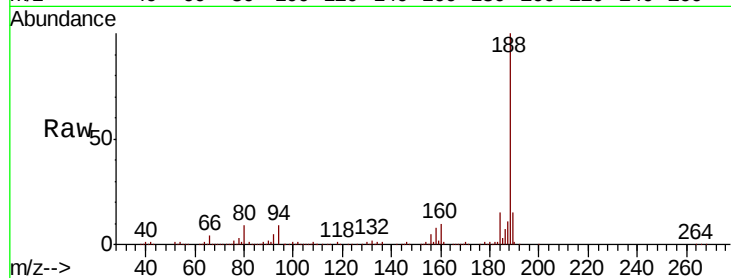




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

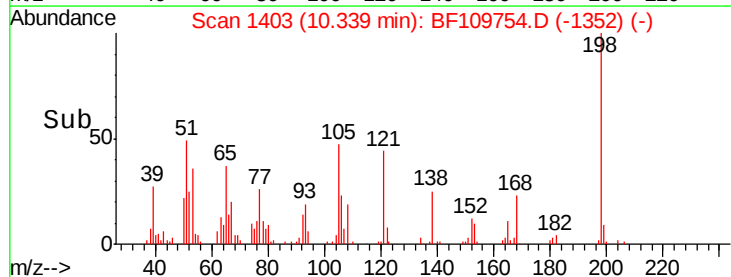
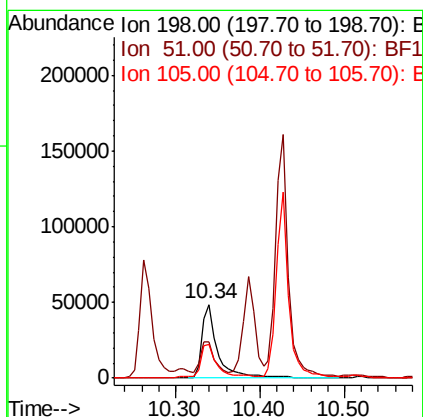
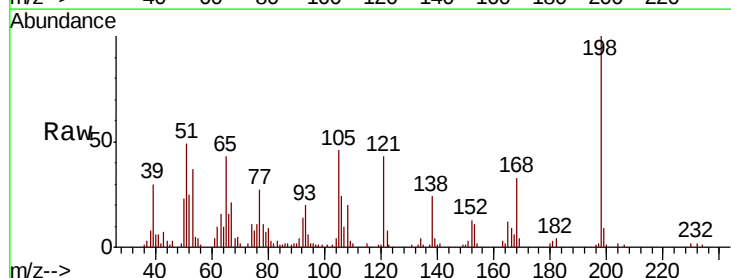
Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

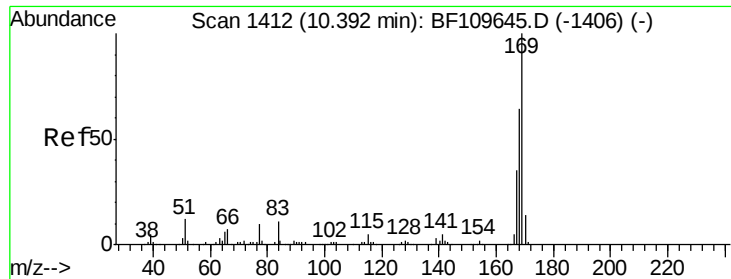
Tgt Ion:188 Resp: 321525
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.4 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 39.821 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion:198 Resp: 62318
Ion Ratio Lower Upper
198 100
51 49.4 22.8 62.8
105 46.4 23.6 63.6

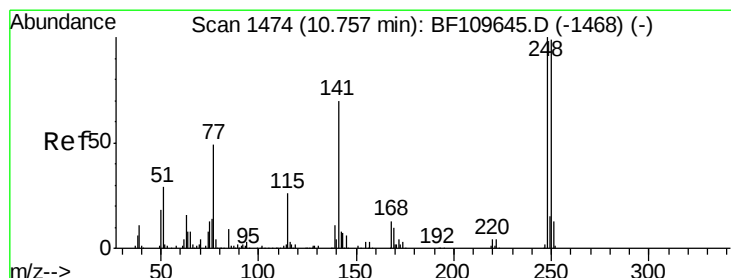
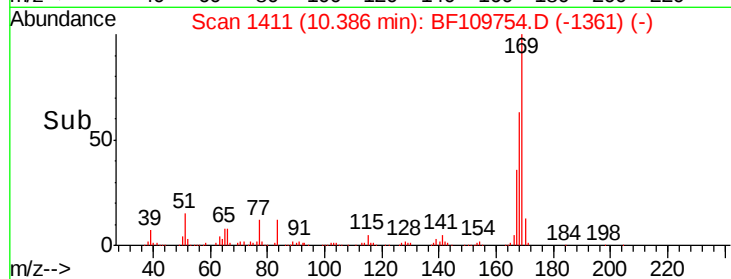
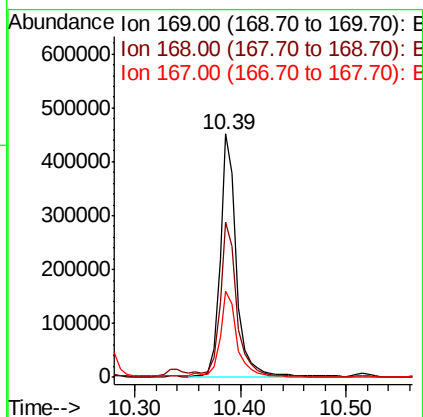
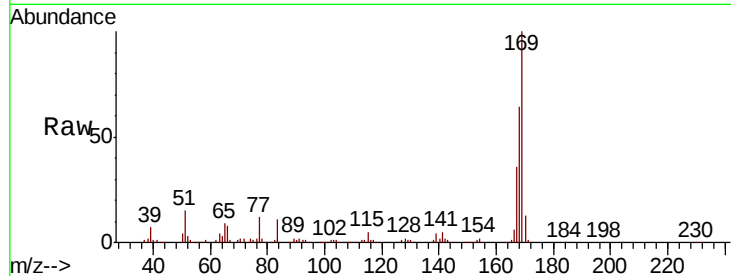




#65
n-Nitrosodiphenylamine
Concen: 44.244 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

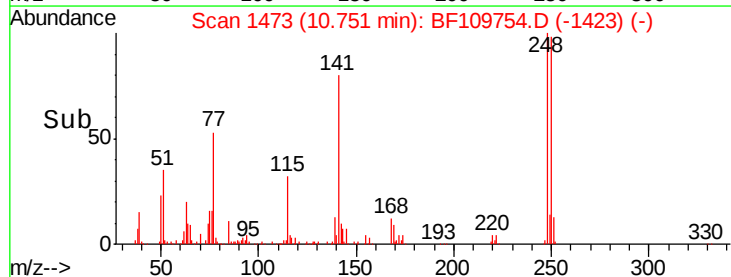
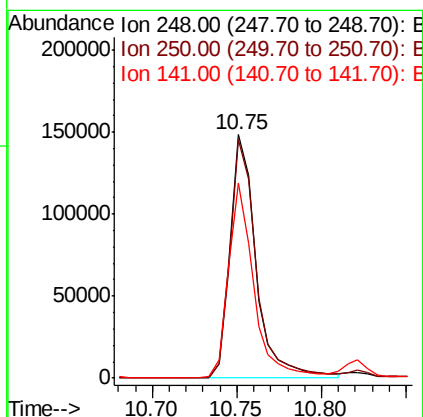
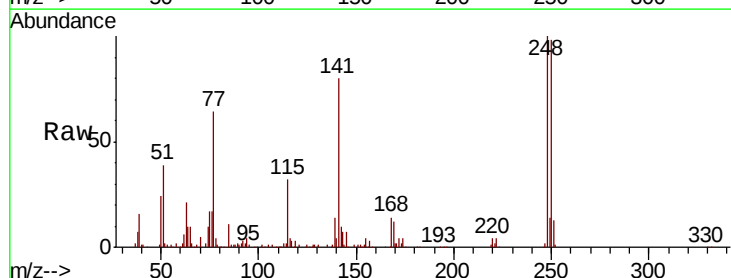
Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

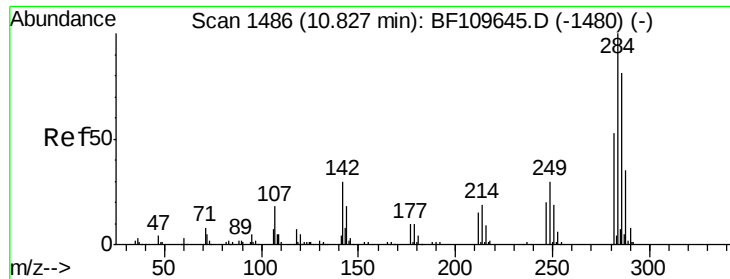
Tgt Ion:169 Resp: 482250
Ion Ratio Lower Upper
169 100
168 63.5 51.2 76.8
167 35.6 27.8 41.6



#66
4-Bromophenyl-phenylether
Concen: 43.235 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion:248 Resp: 159725
Ion Ratio Lower Upper
248 100
250 98.0 79.4 119.2
141 80.3 55.9 83.9

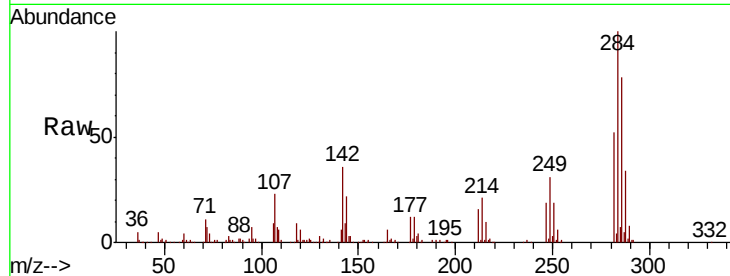




#67
Hexachlorobenzene
Concen: 42.189 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.1	23.9	35.9#
249	31.2	24.2	36.2

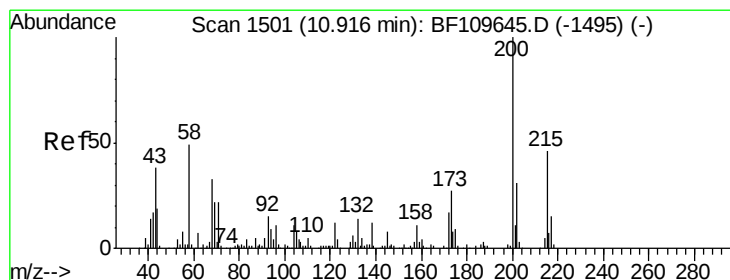
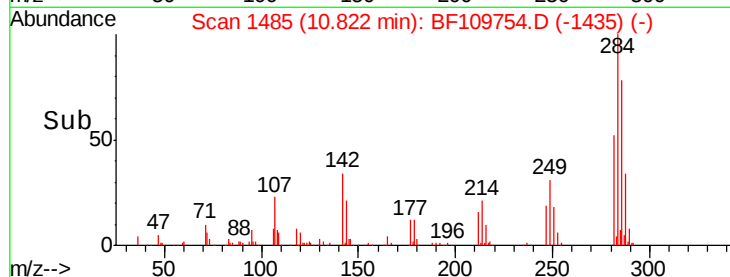
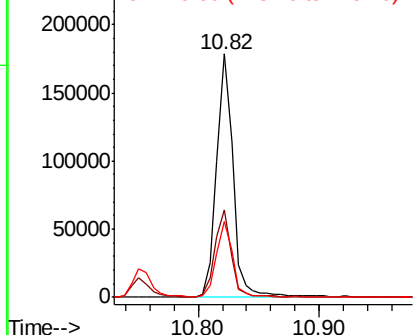


Abundance

Ion 283.80 (283.50 to 284.50): E

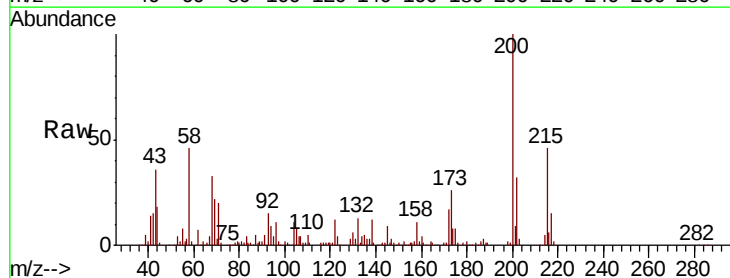
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 45.832 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.6	46.6
215	45.8	26.3	66.3

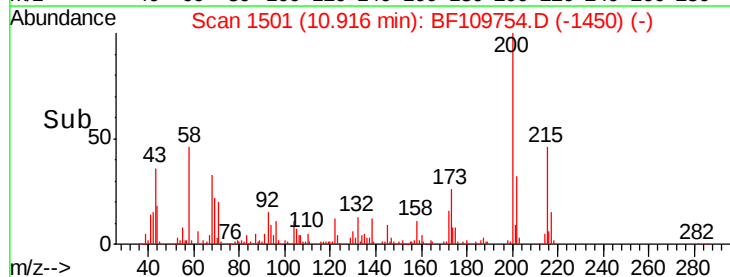
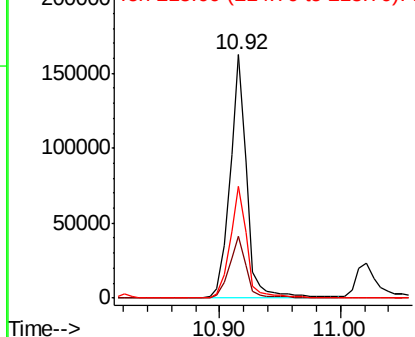


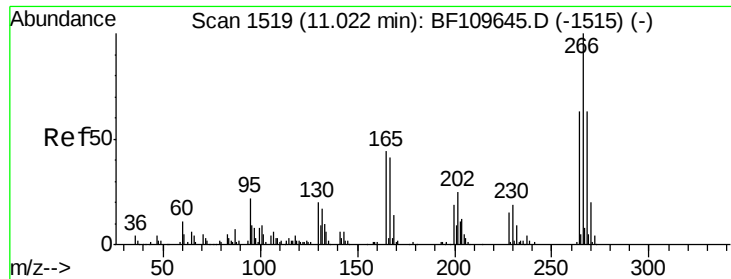
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

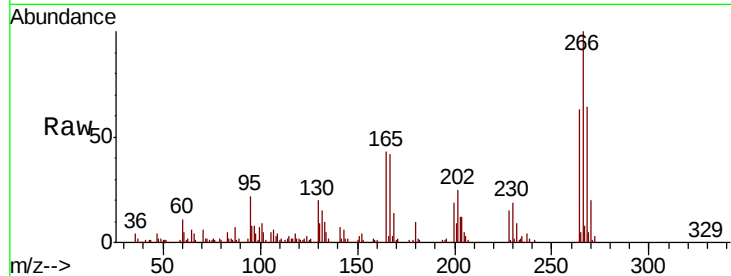




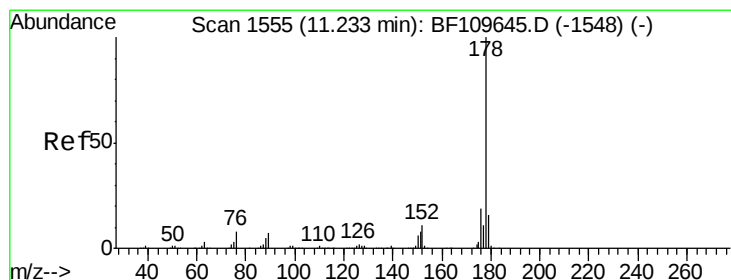
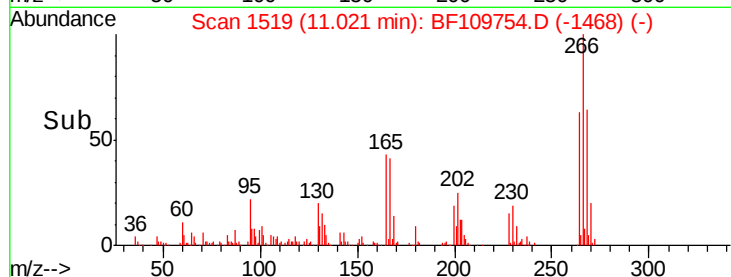
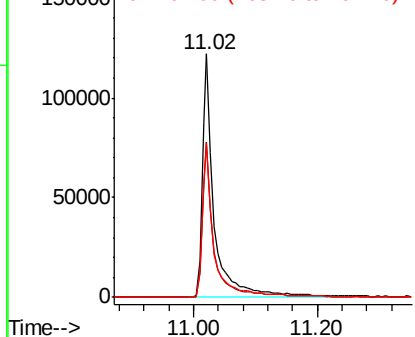
#69
 Pentachlorophenol
 Concen: 73.927 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tgt Ion:266 Resp: 166415
 Ion Ratio Lower Upper
 266 100
 268 64.0 50.6 75.8
 264 63.5 50.6 75.8

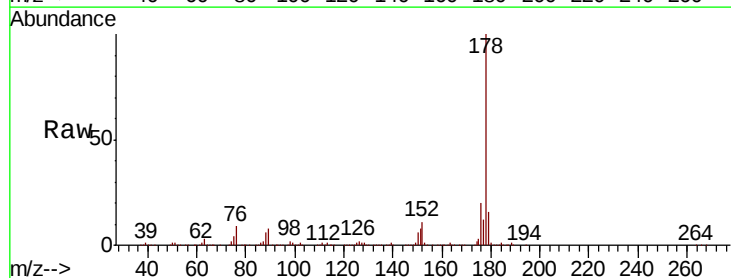


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

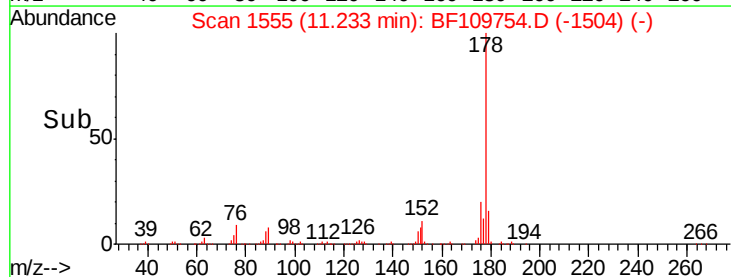
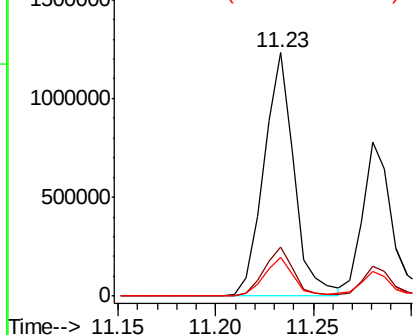


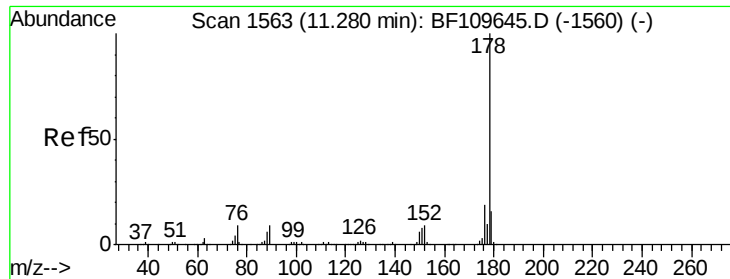
#70
 Phenanthrene
 Concen: 81.923 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion:178 Resp: 1318163
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.5 23.3
 179 15.8 12.5 18.7



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

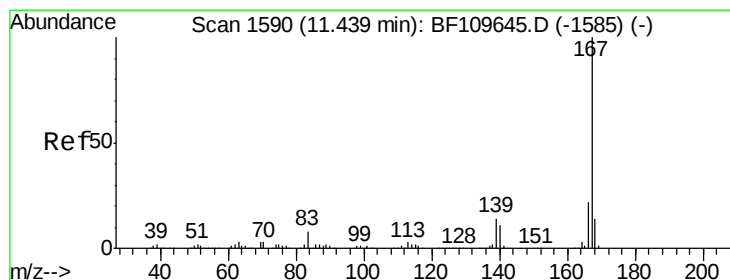
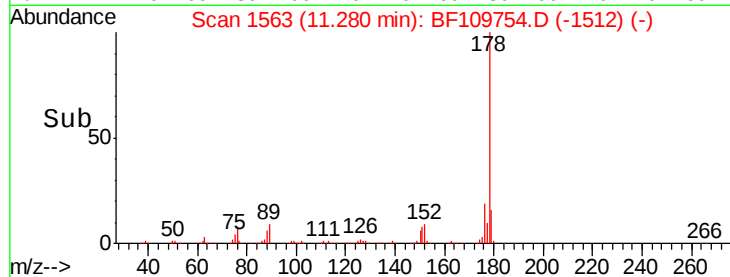
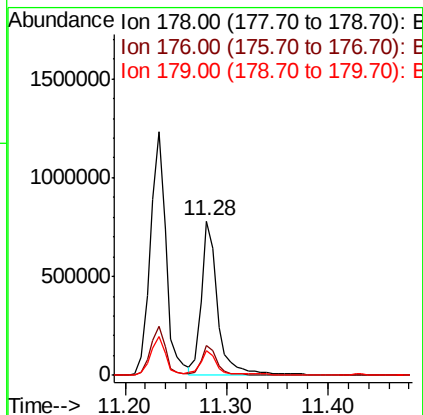
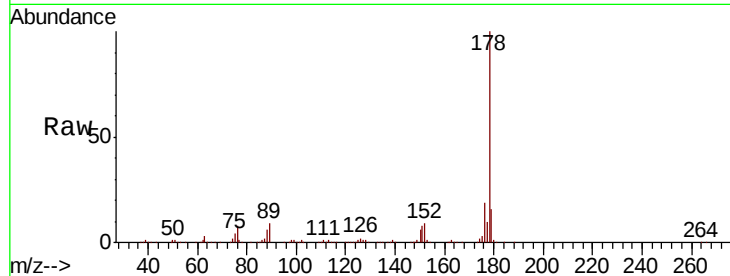




#71
 Anthracene
 Concen: 52.001 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

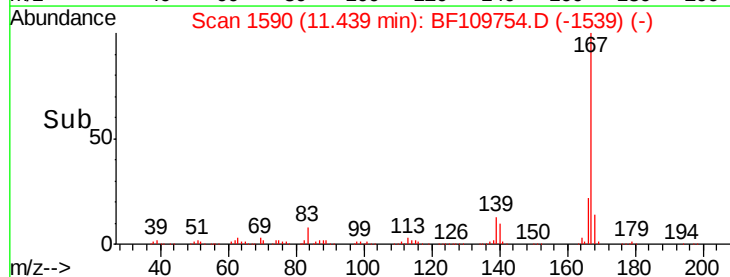
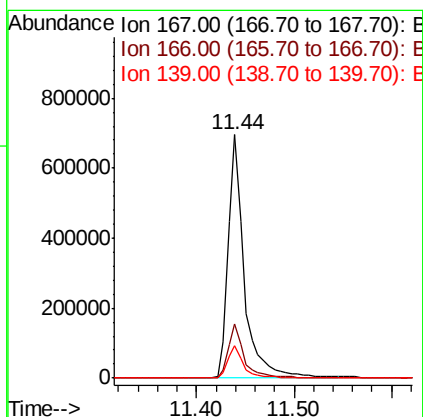
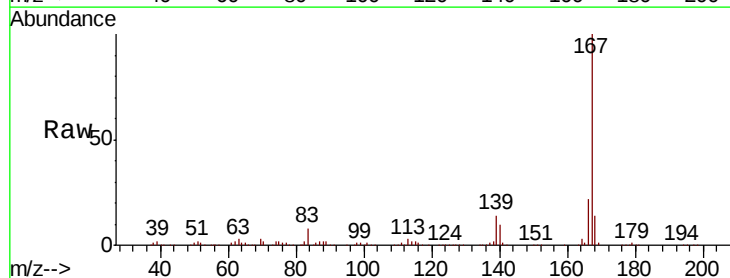
Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tgt Ion:178 Resp: 864939
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.8 12.6 18.8



#72
 Carbazole
 Concen: 49.509 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion:167 Resp: 798671
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 13.5 10.9 16.3

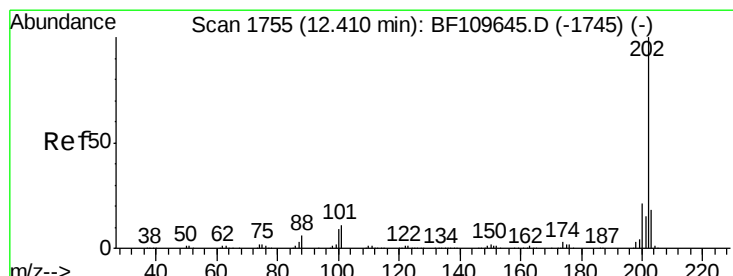
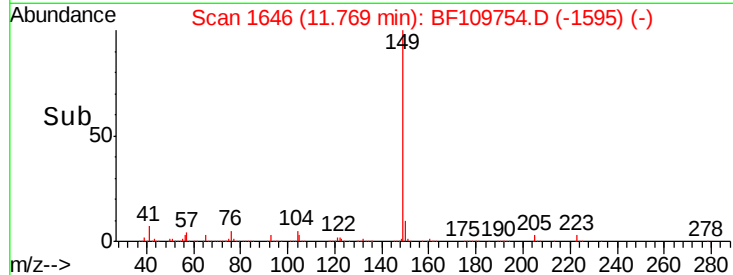
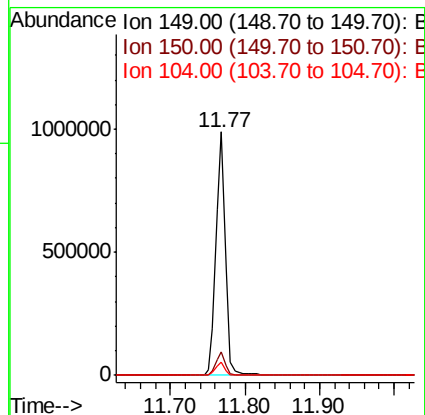
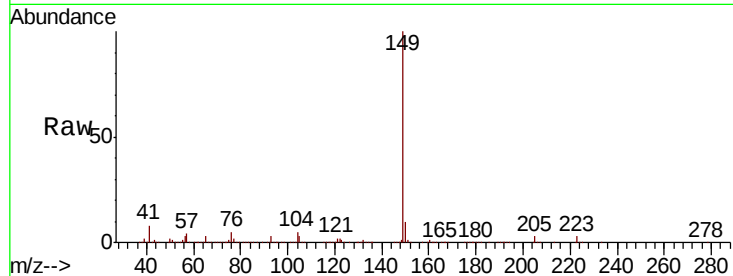




#73
Di-n-butylphthalate
Concen: 46.032 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

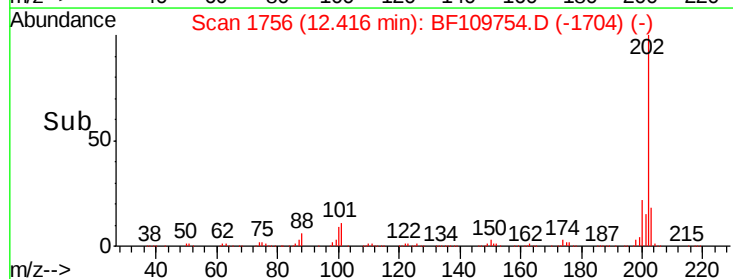
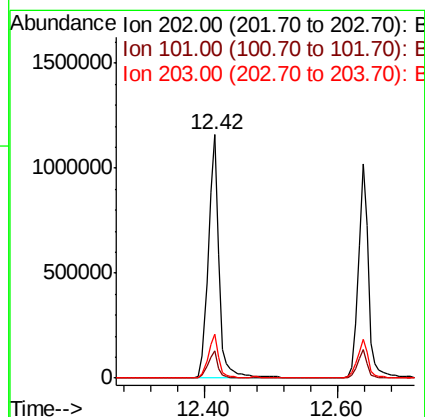
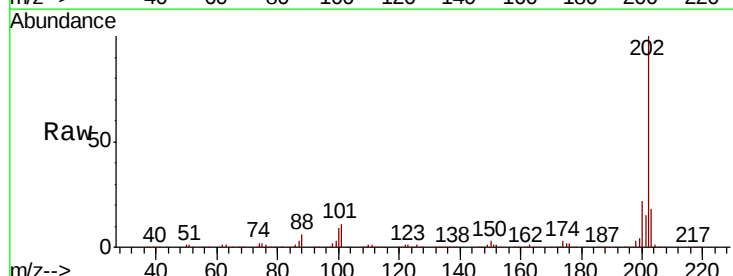
Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

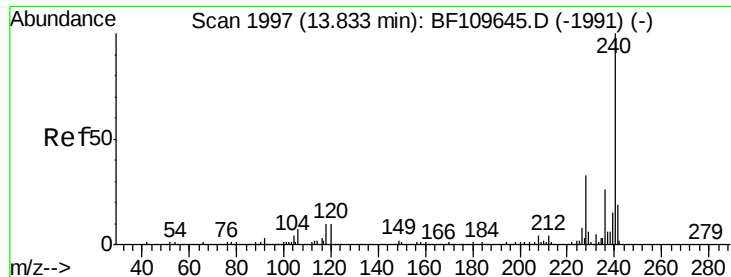
Tgt Ion:149 Resp: 861276
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 5.2 4.2 6.4



#74
Fluoranthene
Concen: 75.789 ng
RT: 12.42 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion:202 Resp: 1273973
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.4
203 18.1 0.0 37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

ClientSampleId :

RBR200035MSD

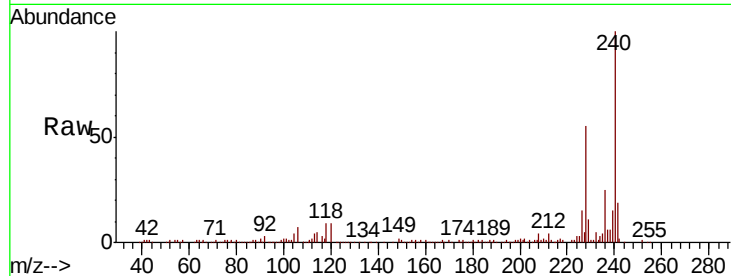
Tgt Ion:240 Resp: 200752

Ion Ratio Lower Upper

240 100

120 9.4 8.3 12.5

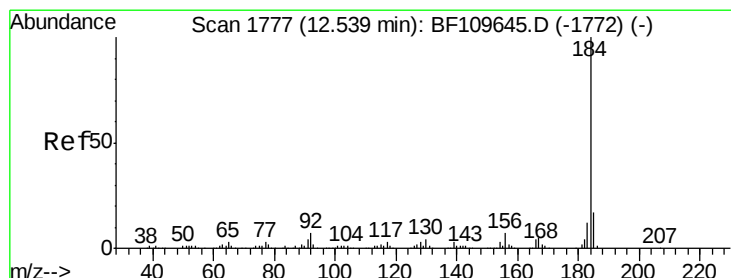
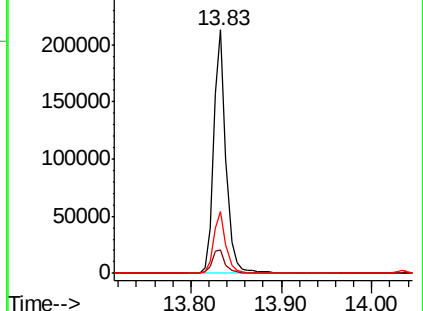
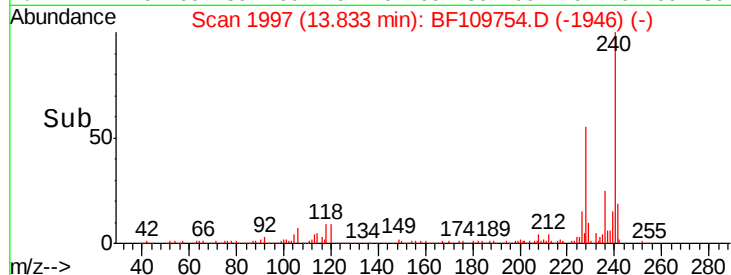
236 25.3 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.469 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

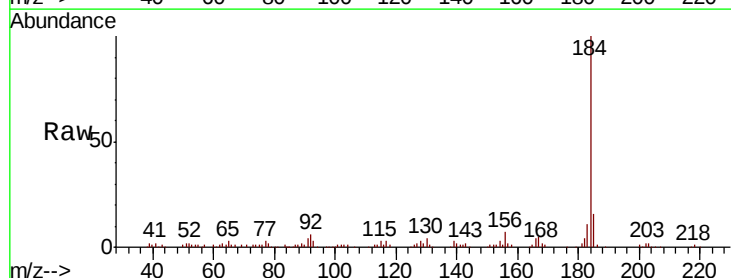
Tgt Ion:184 Resp: 197392

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.2

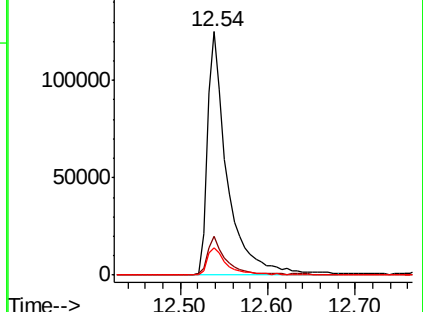
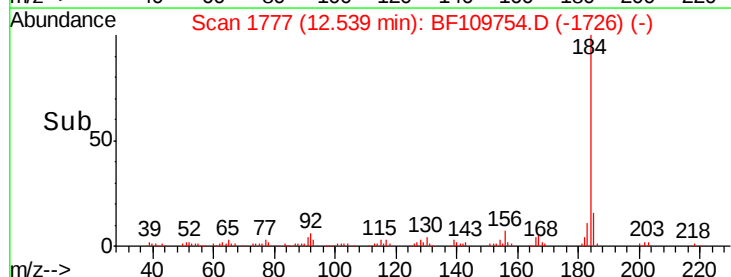
183 11.2 9.4 14.2

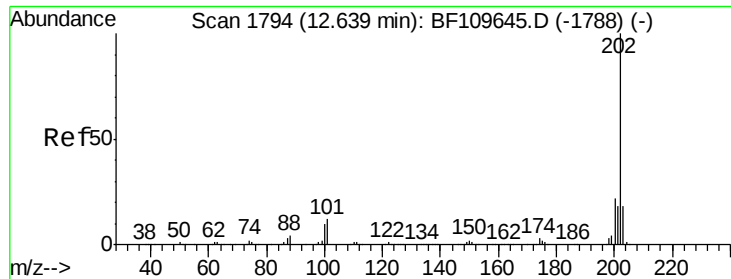


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



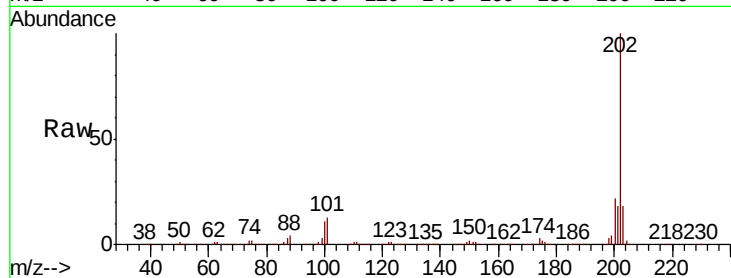


#77
 Pyrene
 Concen: 73.632 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tgt Ion: 202 Resp: 1083002

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.8	26.6
203	18.4	14.2	21.4

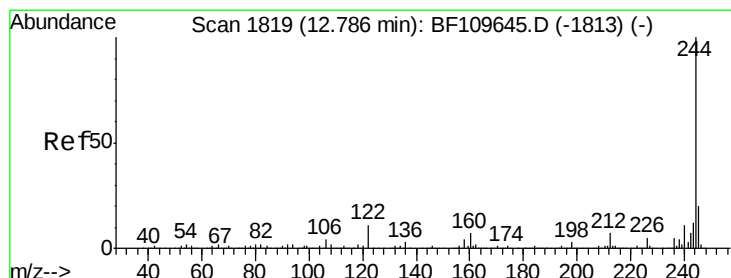
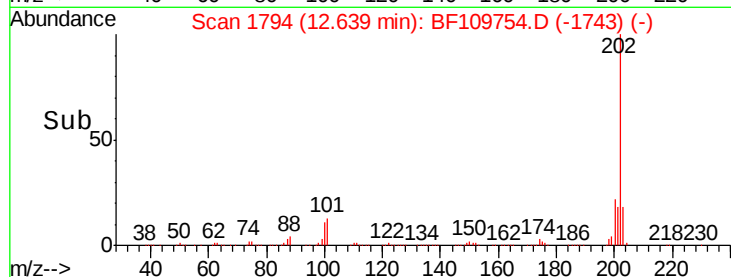
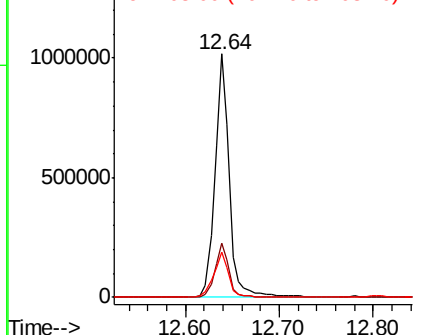


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

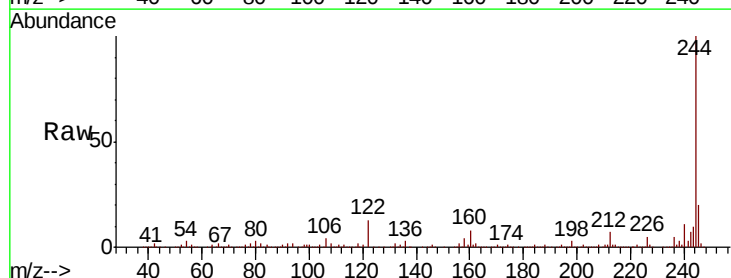
Ion 203.00 (202.70 to 203.70): E



#78
 Terphenyl-d14
 Concen: 96.788 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion: 244 Resp: 1003716

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.7	8.7	13.1

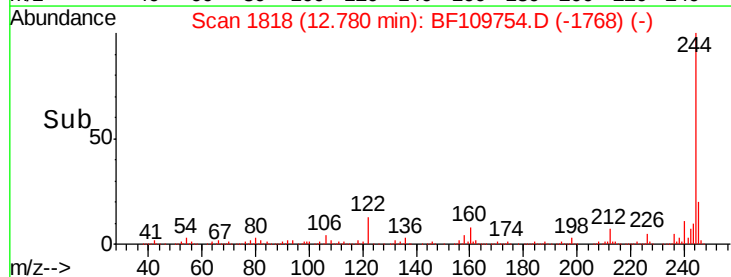
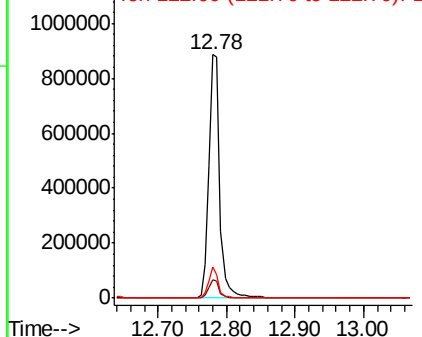


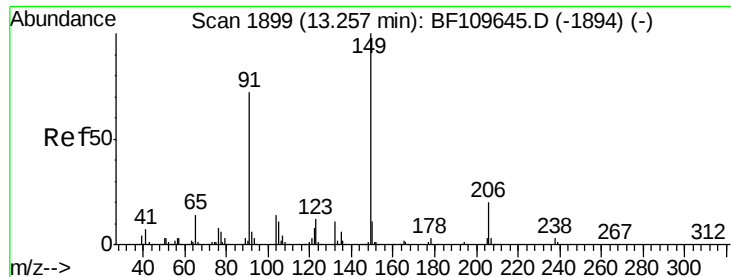
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

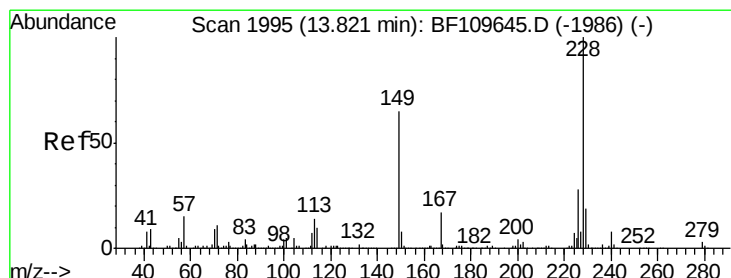
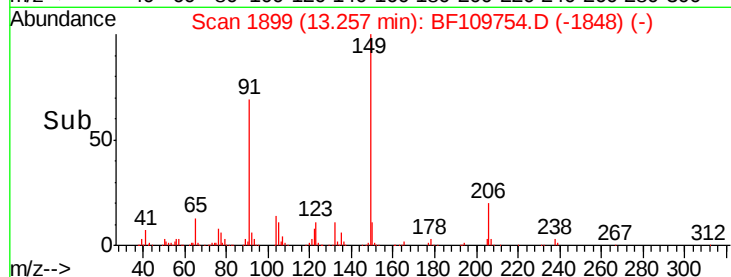
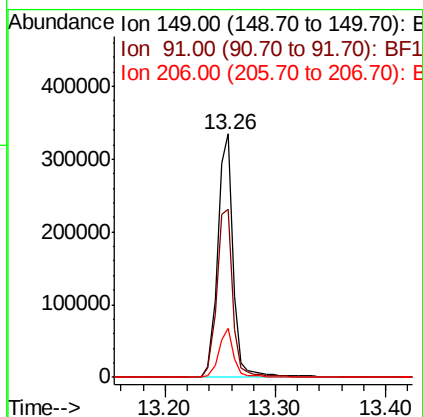
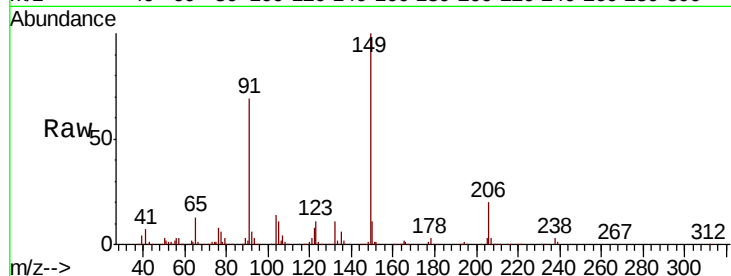




#79
Butylbenzylphthalate
Concen: 51.321 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

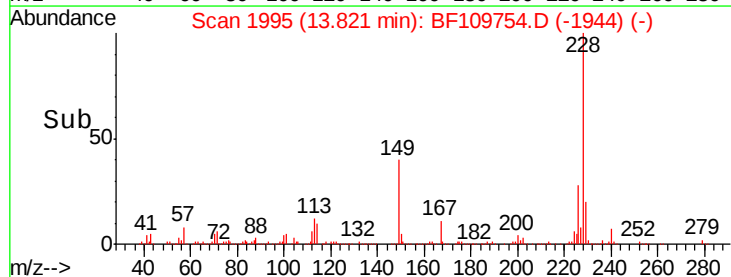
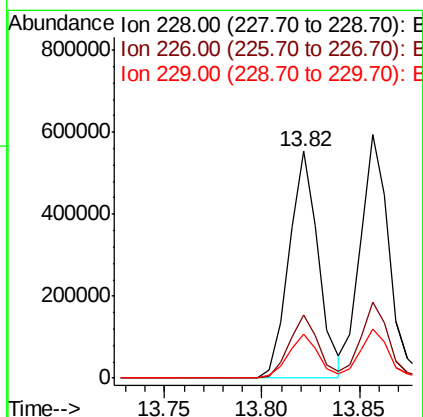
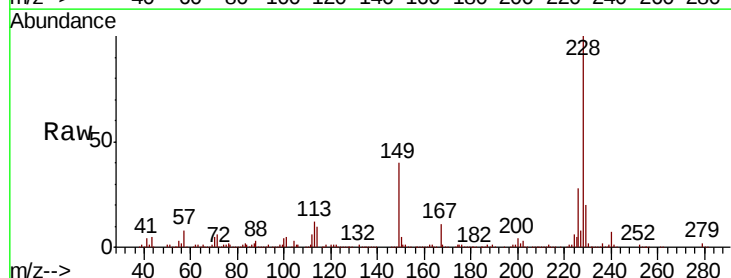
Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

Tgt Ion:149 Resp: 327270
Ion Ratio Lower Upper
149 100
91 69.0 57.2 85.8
206 20.0 15.7 23.5



#80
Benzo(a)anthracene
Concen: 51.729 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion:228 Resp: 573070
Ion Ratio Lower Upper
228 100
226 28.1 22.1 33.1
229 19.6 15.6 23.4

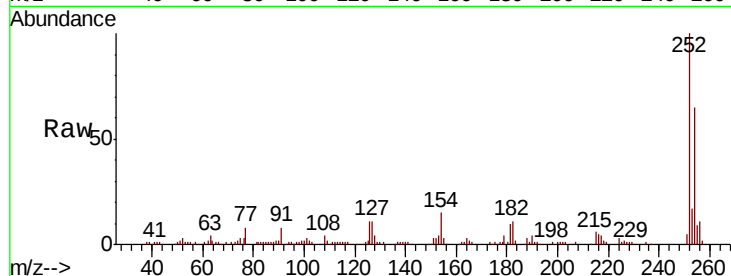




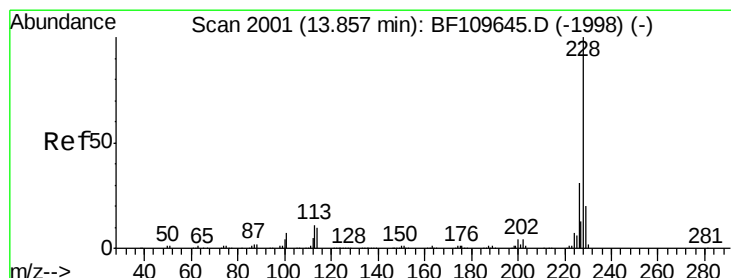
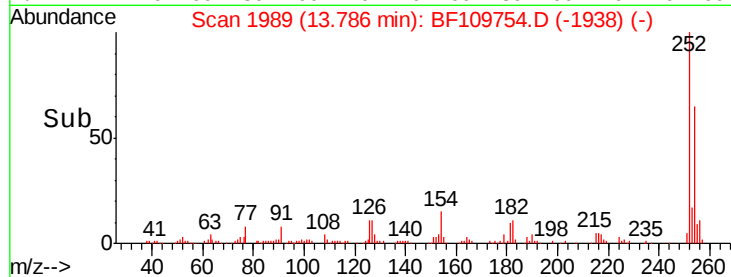
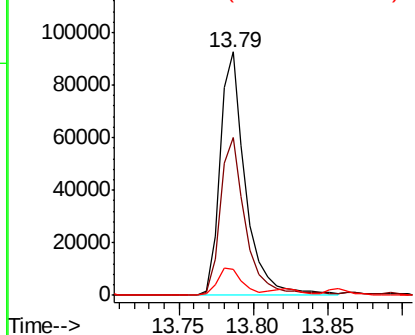
#81
 3,3'-Dichlorobenzidine
 Concen: 24.820 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tgt Ion: 252 Resp: 110716
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.3 76.9
 126 10.7 9.4 14.2

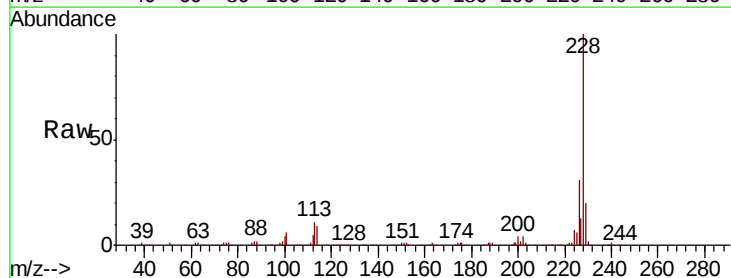


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

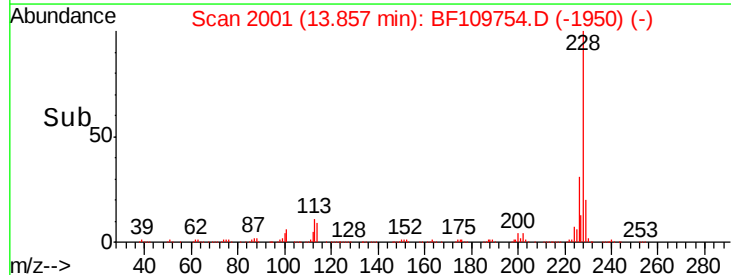
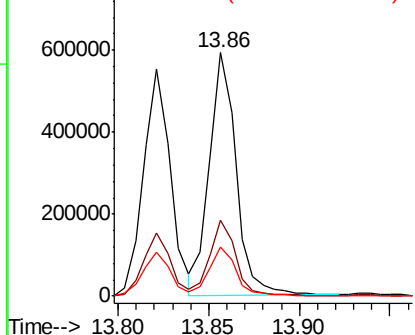


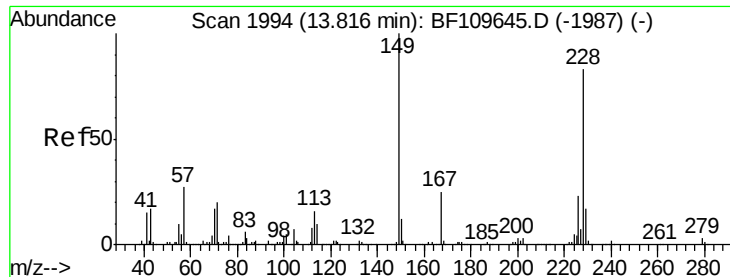
#82
 Chrysene
 Concen: 52.094 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion: 228 Resp: 606194
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.7 37.1
 229 20.1 15.9 23.9



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

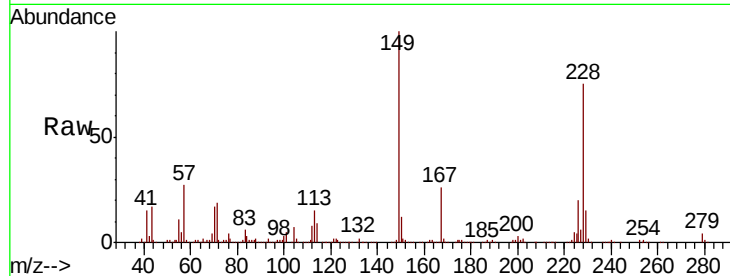




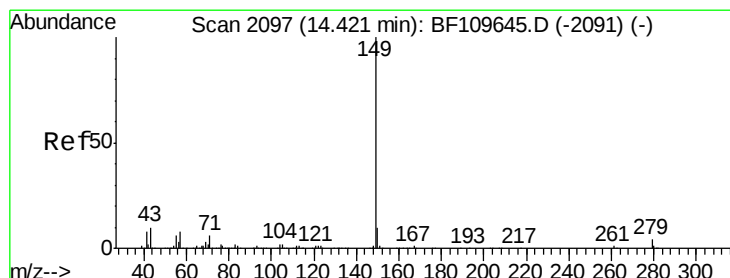
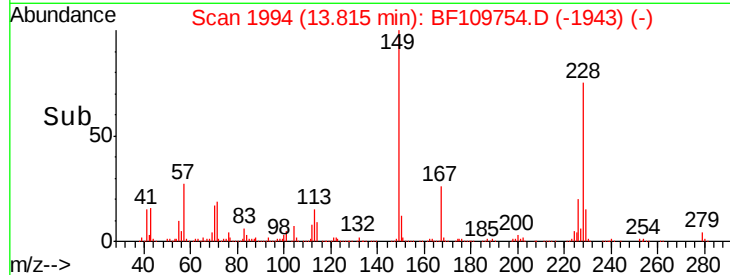
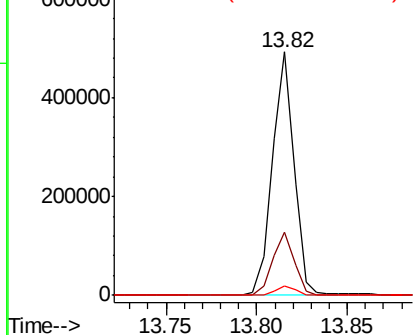
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.551 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

Tgt Ion:149 Resp: 408851
 Ion Ratio Lower Upper
 149 100
 167 25.9 19.8 29.8
 279 3.7 2.7 4.1

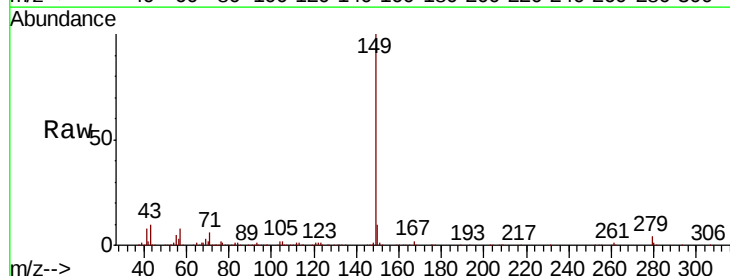


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

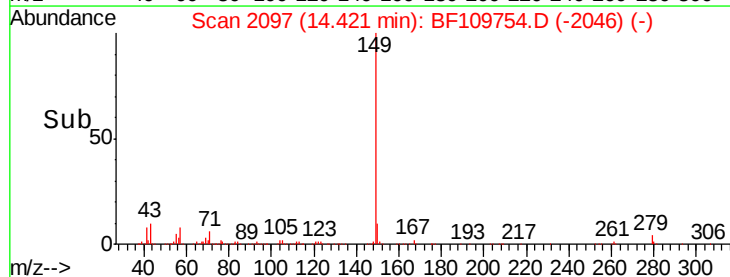
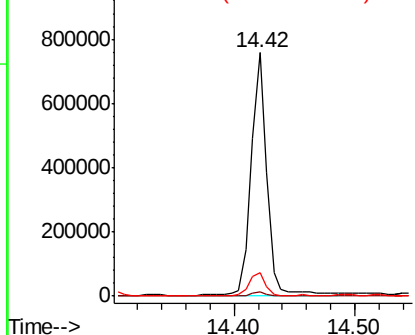


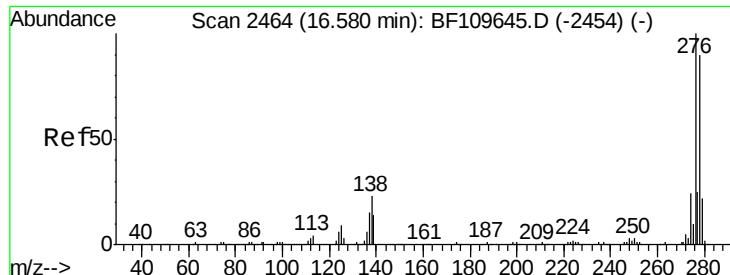
#84
 Di-n-octyl phthalate
 Concen: 56.352 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion:149 Resp: 692980
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.1 1.7
 43 9.8 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

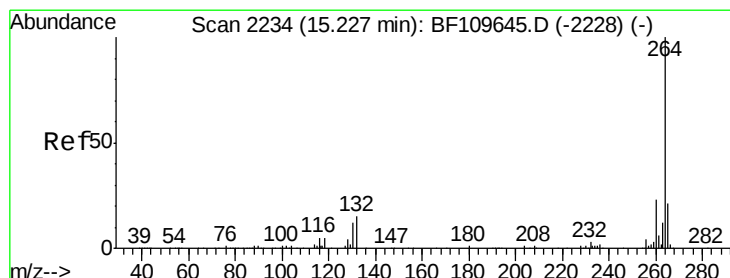
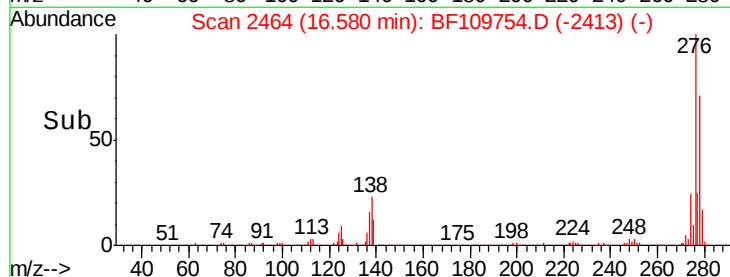
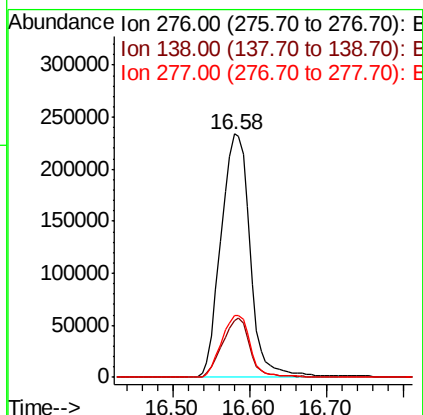
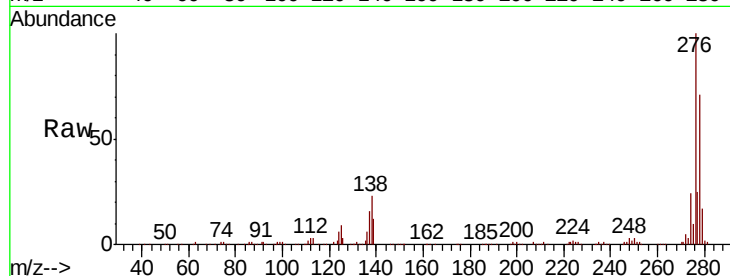




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 74.173 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

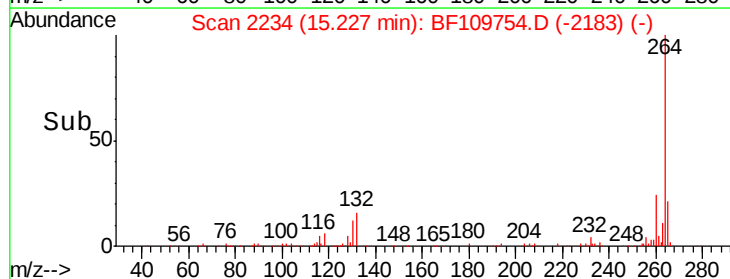
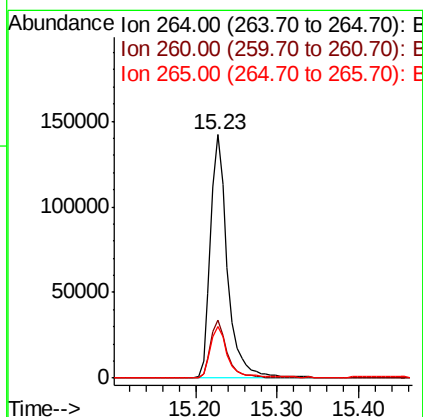
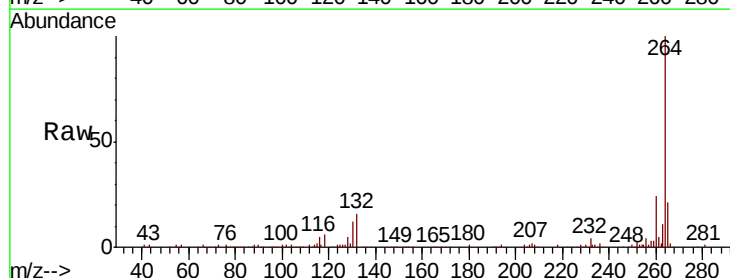
Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MSD

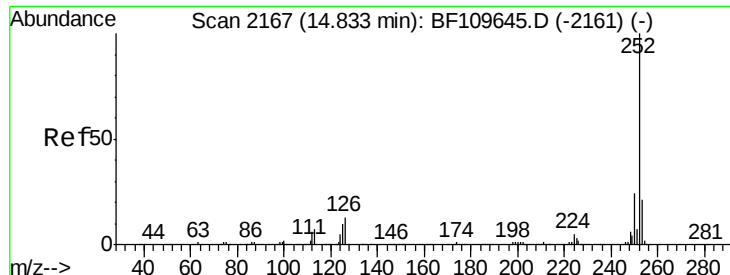
Tgt Ion:276 Resp: 617781
 Ion Ratio Lower Upper
 276 100
 138 23.3 18.5 27.7
 277 25.4 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109754.D
 Acq: 10 Oct 2018 20:44

Tgt Ion:264 Resp: 208155
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.2 16.7 25.1

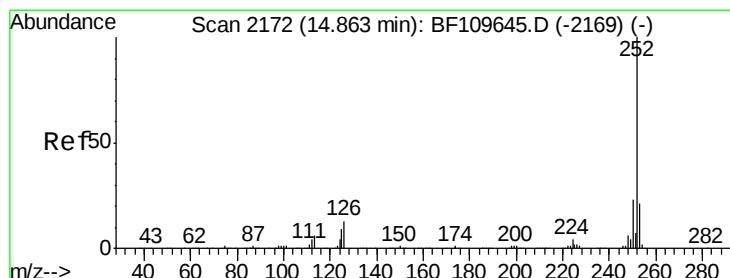
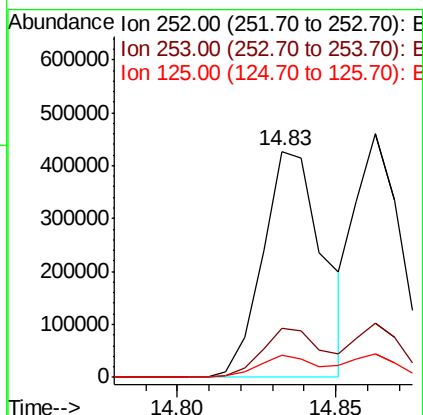
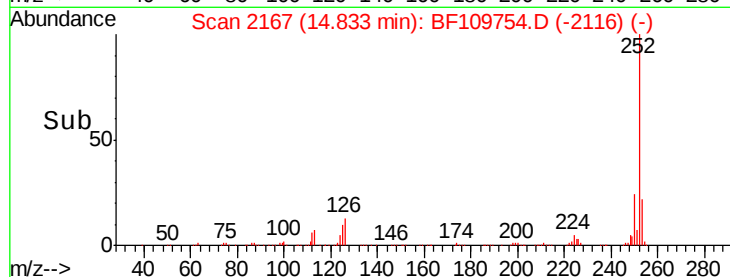
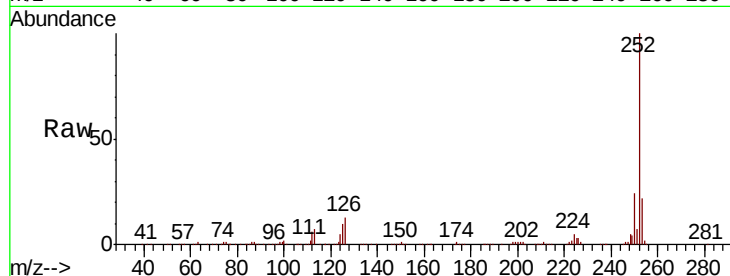




#87
Benzo(b)fluoranthene
Concen: 49.207 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

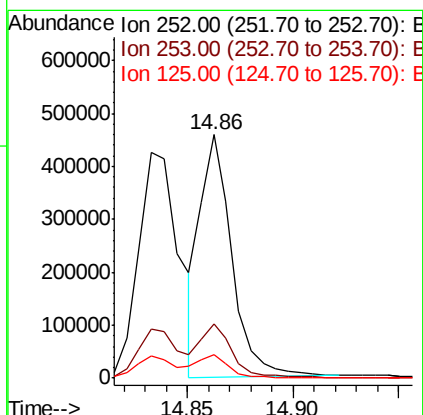
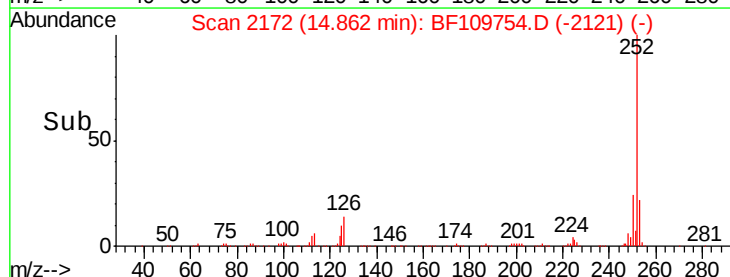
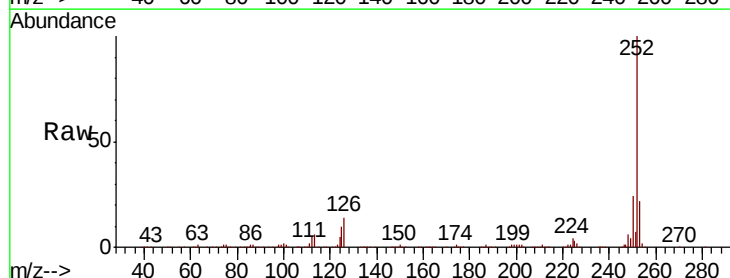
Instrument :
BNA_F
ClientSampleId :
RBR200035MSD

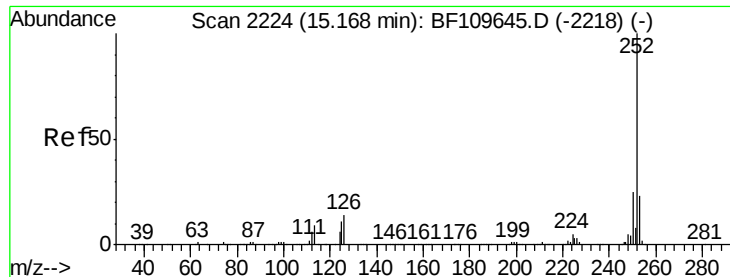
Tgt Ion:252 Resp: 566029
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 9.9 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 41.241 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109754.D
Acq: 10 Oct 2018 20:44

Tgt Ion:252 Resp: 476646
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 9.7 7.4 11.0





#89

Benzo(a)pyrene

Concen: 48.617 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

ClientSampleId :

RBR200035MSD

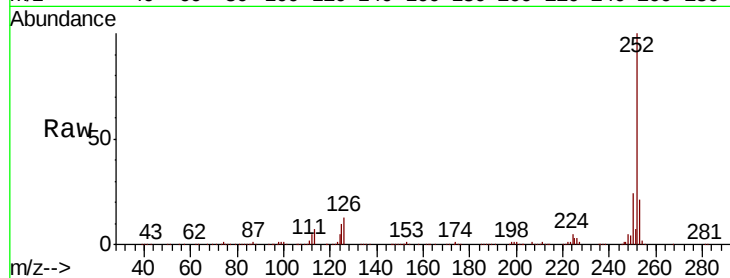
Tgt Ion:252 Resp: 507501

Ion Ratio Lower Upper

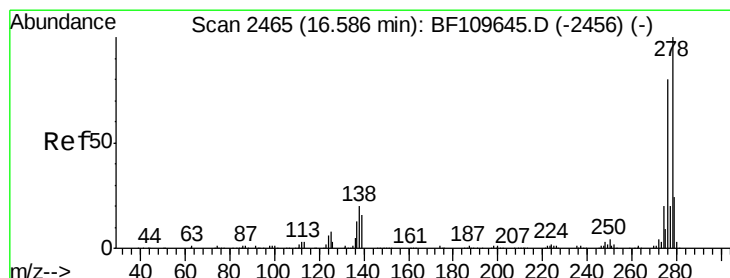
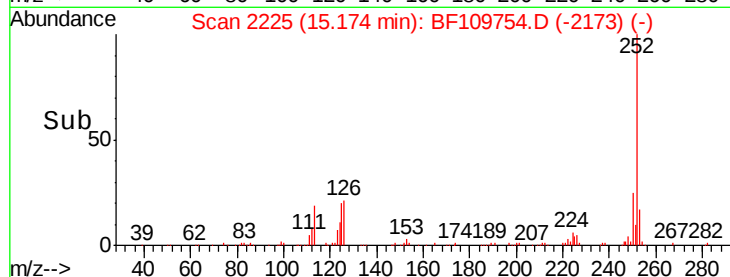
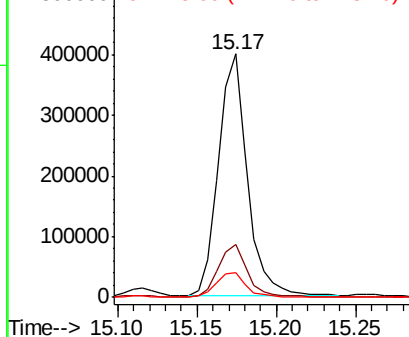
252 100

253 21.5 18.2 27.4

125 10.0 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



#90

Dibenzo(a,h)anthracene

Concen: 59.042 ng

RT: 16.59 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

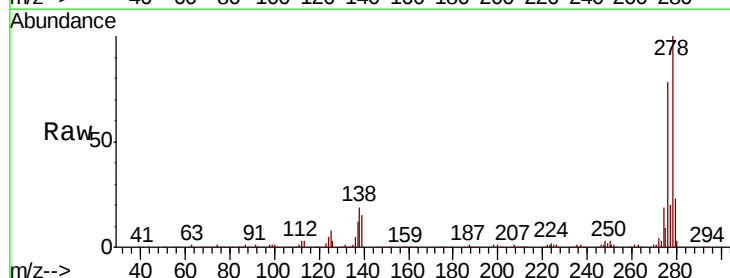
Tgt Ion:278 Resp: 506173

Ion Ratio Lower Upper

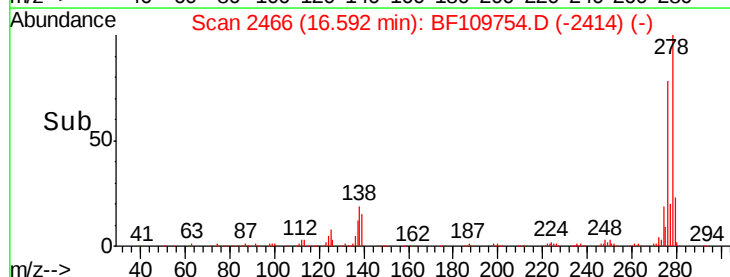
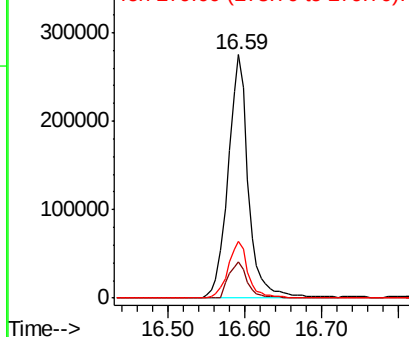
278 100

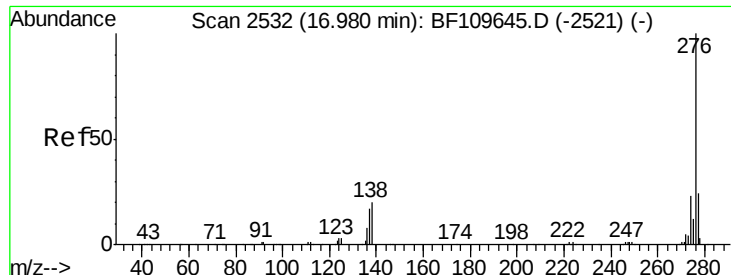
139 14.8 12.7 19.1

279 23.3 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(g,h,i)perylene

Concen: 62.338 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF109754.D

Acq: 10 Oct 2018 20:44

Instrument :

BNA_F

ClientSampleId :

RBR200035MSD

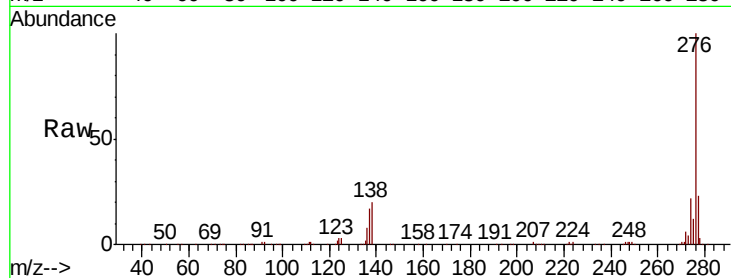
Tgt Ion:276 Resp: 533672

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 19.6 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

