

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113814.D
 Acq On : 18 Apr 2019 10:29
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 12:58:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 12:50:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	186448	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	729451	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	368873	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	697725	20.00	ng	0.00
76) Chrysene-d12	14.05	240	470255	20.00	ng	0.00
87) Perylene-d12	15.51	264	390965	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1663489	152.14	ng	0.01
7) Phenol-d6	6.53	99	2064629	153.21	ng	0.01
23) Nitrobenzene-d5	7.46	82	1894005	152.09	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	601204	135.68	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	3053031	133.24	ng	0.00
79) Terphenyl-d14	13.00	244	3293630	142.60	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	436632	84.315	ng	99
3) Pyridine	3.46	79	1194873	88.167	ng	99
4) n-Nitrosodimethylamine	3.43	42	425667	73.924	ng	99
6) Aniline	6.56	93	1525450	93.387	ng	98
8) 2-Chlorophenol	6.69	128	937780	74.131	ng	97
9) Benzaldehyde	6.45	77	470611	58.732	ng	96
10) Phenol	6.55	94	1269761	82.500	ng	92
11) bis(2-Chloroethyl)ether	6.64	93	954858	79.754	ng	98
12) 1,3-Dichlorobenzene	6.84	146	1035793	76.031	ng	97
13) 1,4-Dichlorobenzene	6.92	146	1028864	74.735	ng	98
14) 1,2-Dichlorobenzene	7.07	146	922233	74.215	ng	99
15) Benzyl Alcohol	7.04	79	855056	93.839	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1157788	62.128	ng	98
17) 2-Methylphenol	7.15	107	782596	79.827	ng	99
18) Hexachloroethane	7.42	117	381852	76.203	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	704302	84.754	ng	98
20) 3+4-Methylphenols	7.30	107	880928	74.161	ng	92
22) Acetophenone	7.31	105	1214241	75.790	ng	# 92
24) Nitrobenzene	7.48	77	1046442	81.595	ng	99
25) Isophorone	7.73	82	1921204	80.085	ng	99
26) 2-Nitrophenol	7.79	139	469651	68.043	ng	90
27) 2,4-Dimethylphenol	7.83	122	775670	78.607	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	1184287	78.085	ng	99
29) 2,4-Dichlorophenol	8.03	162	831552	78.762	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	909439	79.321	ng	99
31) Naphthalene	8.20	128	2487709	70.386	ng	98
32) Benzoic acid	7.97	122	501333	65.611	ng	95
33) 4-Chloroaniline	8.25	127	1105434	78.879	ng	99
34) Hexachlorobutadiene	8.33	225	557632	79.775	ng	98
35) Caprolactam	8.64	113	230441	68.759	ng	99
36) 4-Chloro-3-methylphenol	8.73	107	824510	77.796	ng	99
37) 2-Methylnaphthalene	8.89	142	1664480	71.605	ng	98
38) 1-Methylnaphthalene	8.99	142	1614997	72.051	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	856388	71.786	ng	99

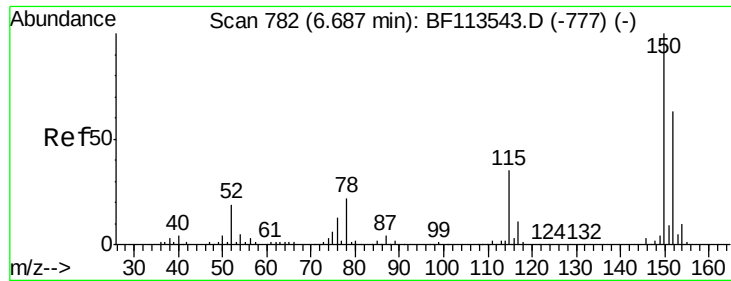
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113814.D
 Acq On : 18 Apr 2019 10:29
 Operator : JU/SJ
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	499554	140.962	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	587020	77.954	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	631940	78.167	ng	99
46) 1,1'-Biphenyl	9.36	154	2001115	65.742	ng	98
47) 2-Chloronaphthalene	9.38	162	1680606	72.922	ng	97
48) 2-Nitroaniline	9.47	65	503226	71.359	ng	99
49) Acenaphthylene	9.80	152	2569474	68.563	ng	99
50) Dimethylphthalate	9.66	163	1891719	69.572	ng	99
51) 2,6-Dinitrotoluene	9.72	165	458346	76.472	ng	91
52) Acenaphthene	9.97	154	1533116	71.466	ng	99
53) 3-Nitroaniline	9.89	138	479479	70.362	ng	96
54) 2,4-Dinitrophenol	9.98	184	170240	60.711	ng	# 57
55) Dibenzofuran	10.15	168	2228605	70.820	ng	97
56) 4-Nitrophenol	10.03	139	394891	93.418	ng	94
57) 2,4-Dinitrotoluene	10.12	165	596076	82.230	ng	90
58) Fluorene	10.49	166	1631909	65.567	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	532011	76.025	ng	98
60) Diethylphthalate	10.36	149	1821156	69.468	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	835810	68.273	ng	99
62) 4-Nitroaniline	10.50	138	465217	67.136	ng	100
63) Azobenzene	10.63	77	1839656	74.113	ng	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	247248	67.311	ng	95
66) n-Nitrosodiphenylamine	10.59	169	1575105	73.535	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	616697	78.808	ng	97
68) Hexachlorobenzene	11.03	284	669066	74.619	ng	98
69) Atrazine	11.12	200	458309	67.884	ng	98
70) Pentachlorophenol	11.22	266	405629	96.006	ng	98
71) Phenanthrene	11.45	178	2514058	72.513	ng	98
72) Anthracene	11.50	178	2548077	72.236	ng	99
73) Carbazole	11.65	167	2317979	70.259	ng	98
74) Di-n-butylphthalate	11.97	149	2564523	65.344	ng	98
75) Fluoranthene	12.63	202	2641848	71.109	ng	98
77) Benzidine	12.74	184	753962	43.115	ng	96
78) Pyrene	12.86	202	2617373	73.149	ng	98
80) Butylbenzylphthalate	13.47	149	1014938	69.683	ng	97
81) Benzo(a)anthracene	14.04	228	2037710	75.118	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	671838	64.301	ng	99
83) Chrysene	14.08	228	2037077	74.078	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	1119871	63.593	ng	100
85) Di-n-octyl phthalate	14.64	149	1725554	60.282	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	2094737	82.505	ng	99
88) Benzo(b)fluoranthene	15.09	252	1894771	79.173	ng	98
89) Benzo(k)fluoranthene	15.12	252	1553401	72.324	ng	100
90) Benzo(a)pyrene	15.46	252	1654608	77.806	ng	99
91) Dibenzo(a,h)anthracene	17.02	278	1668374	83.894	ng	99
92) Benzo(g,h,i)perylene	17.44	276	1773590	87.377	ng	99

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

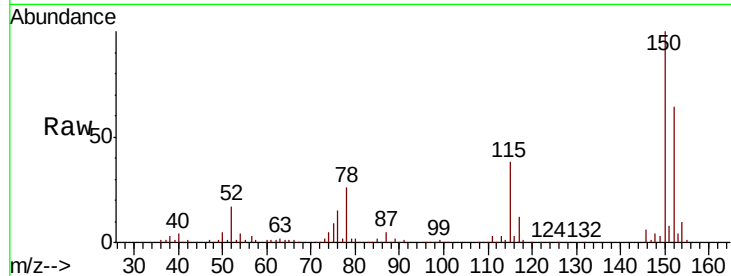


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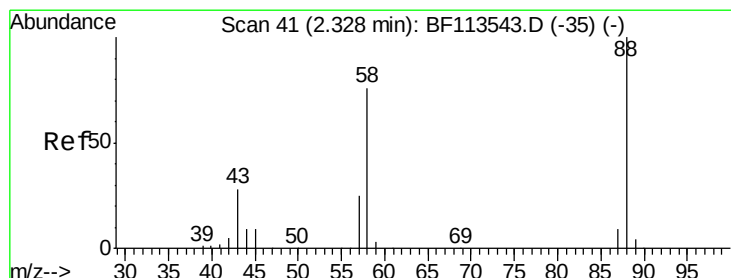
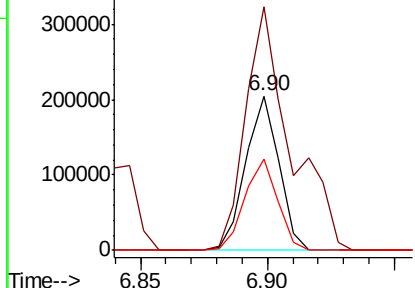
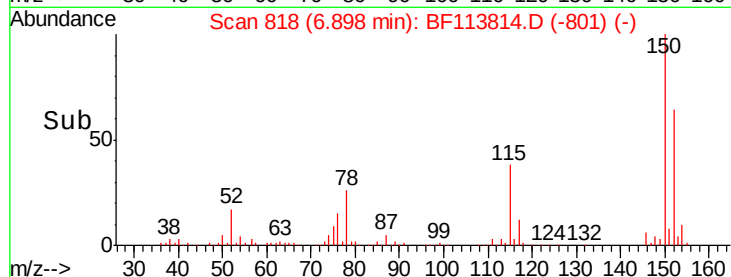
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 186448
Ion Ratio Lower Upper
152 100
150 157.4 125.9 188.9
115 59.4 45.9 68.9



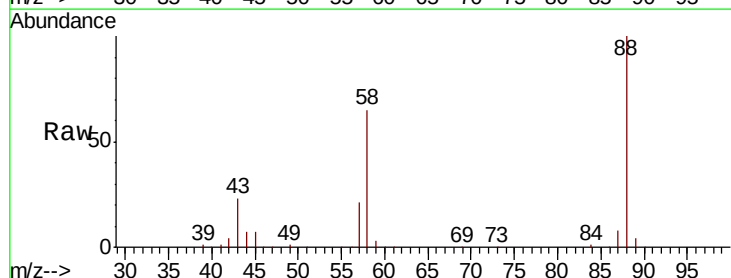
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



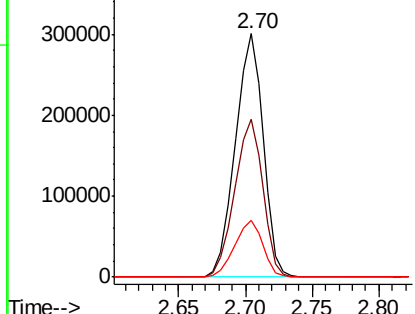
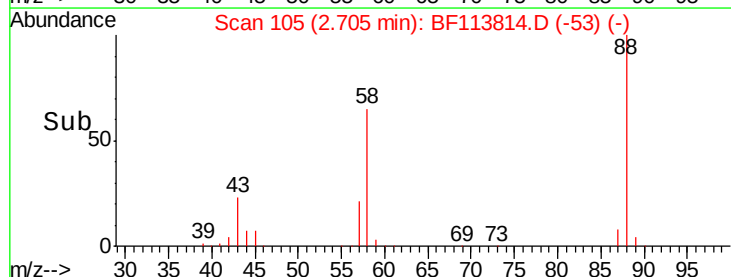
#2

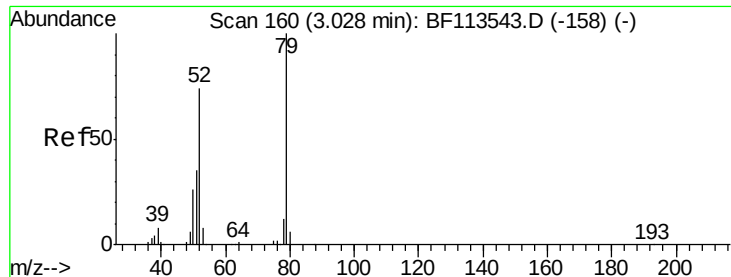
1,4-Dioxane
Concen: 84.315 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Tgt Ion: 88 Resp: 436632
Ion Ratio Lower Upper
88 100
58 65.2 53.3 79.9
43 23.5 19.0 28.4



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





#3

Pvridine

Concen: 88.167 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Instrument :

BNA_F

ClientSampleId :

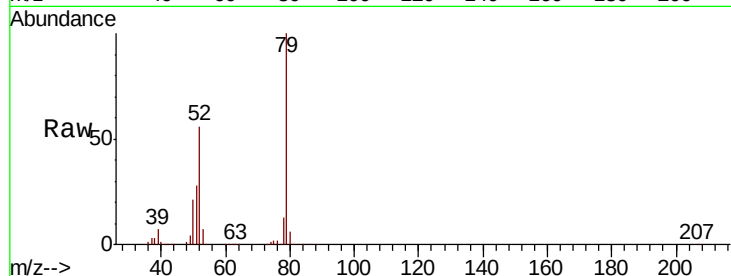
Tot Ion: 79 Resp: 1194873

Ion Ratio Lower Upper

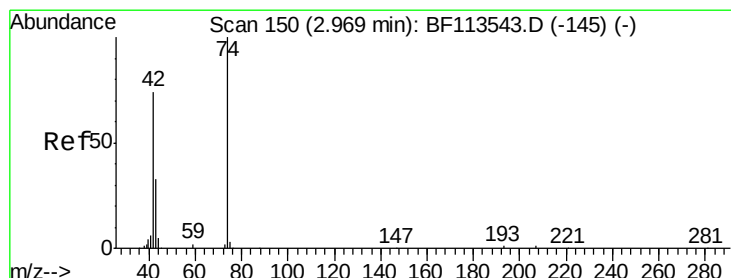
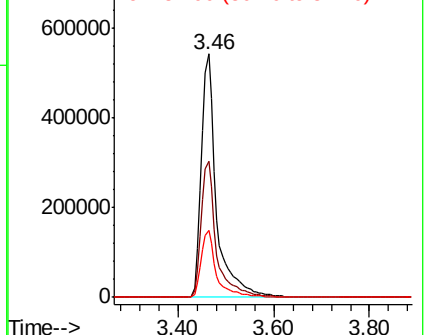
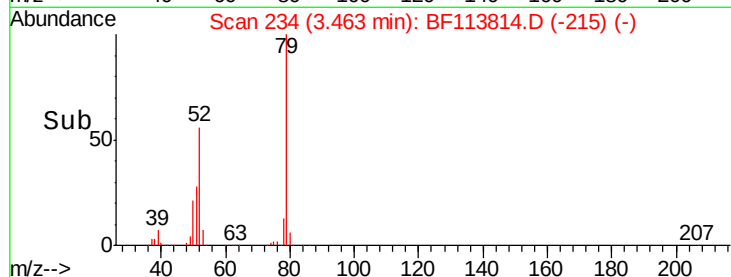
79 100

52 56.0 45.3 67.9

51 27.8 22.1 33.1



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: 73.924 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.04 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

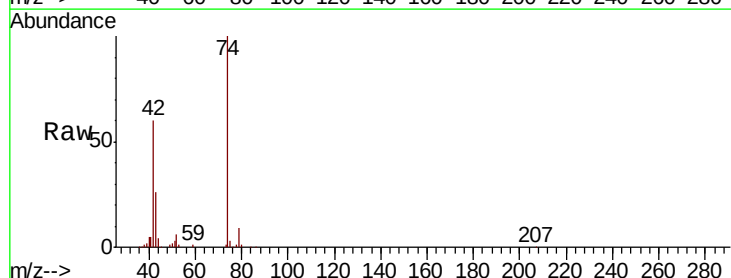
Tgt Ion: 42 Resp: 425667

Ion Ratio Lower Upper

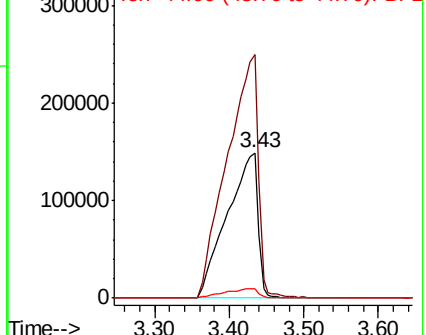
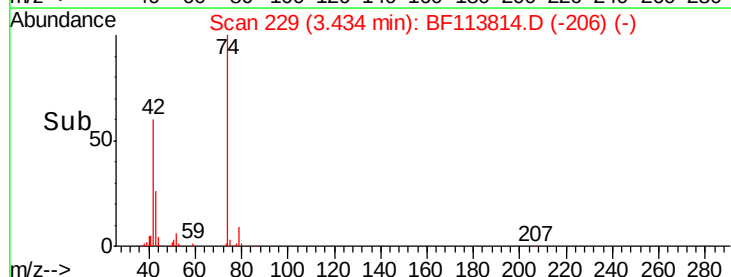
42 100

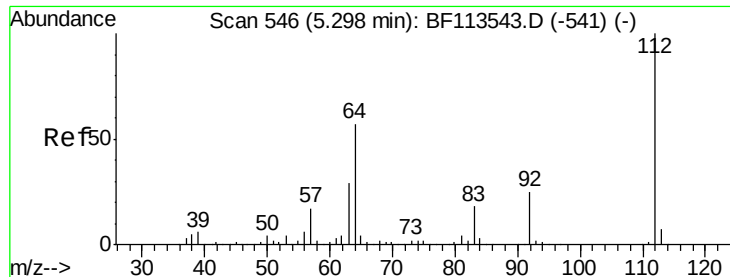
74 167.4 132.6 198.8

44 6.7 5.8 8.8



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: 152.141 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Instrument :

BNA_F

ClientSampleId :

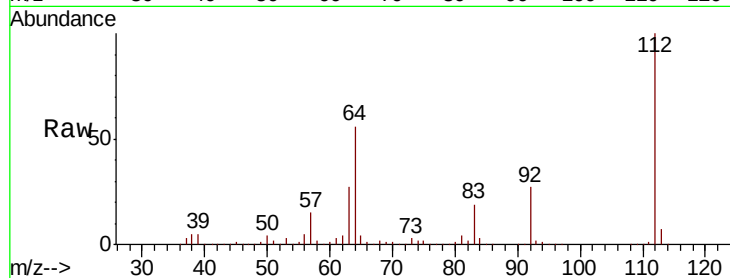
Tot Ion:112 Resp: 1663489

Ion Ratio Lower Upper

112 100

64 55.7 46.6 69.8

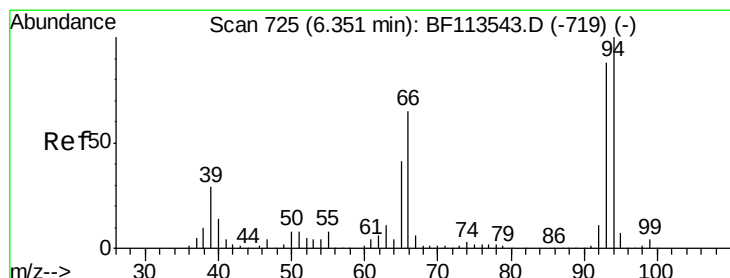
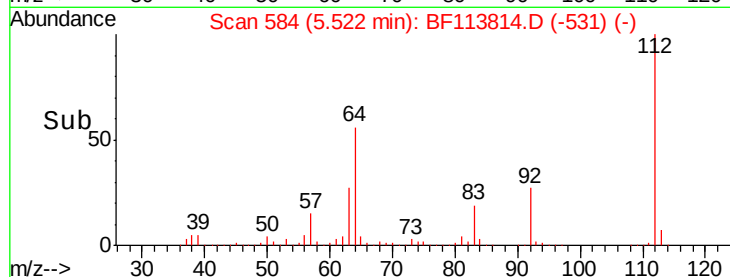
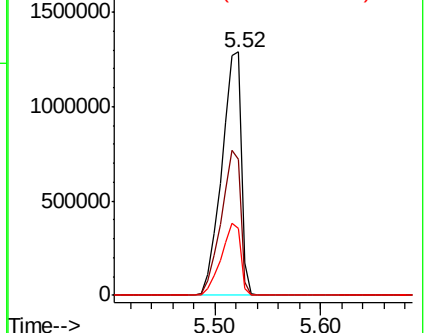
63 27.3 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 93.387 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

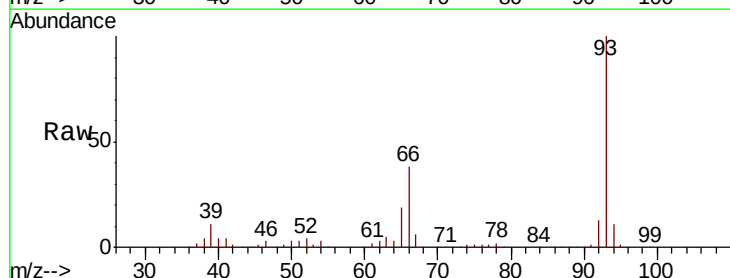
Tgt Ion: 93 Resp: 1525450

Ion Ratio Lower Upper

93 100

66 38.3 29.8 44.6

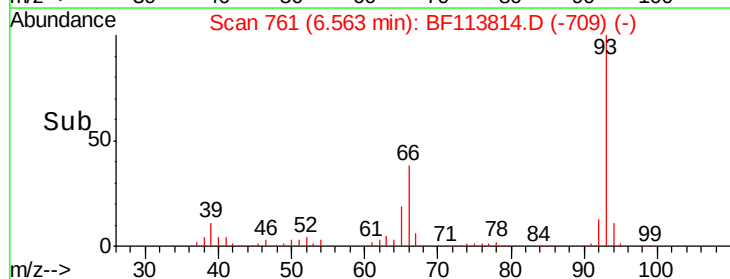
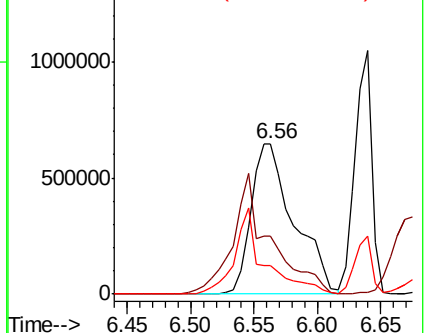
65 19.2 14.9 22.3

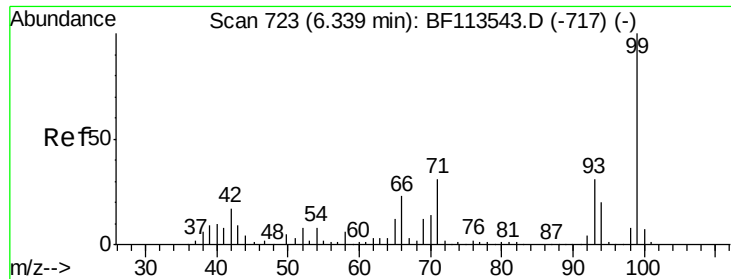


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 153.207 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

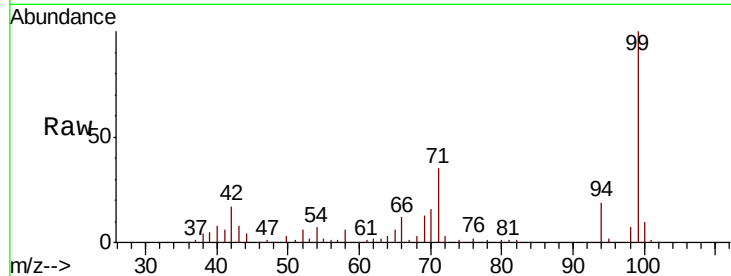
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2064629

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.5	18.7
71	34.6	26.9	40.3



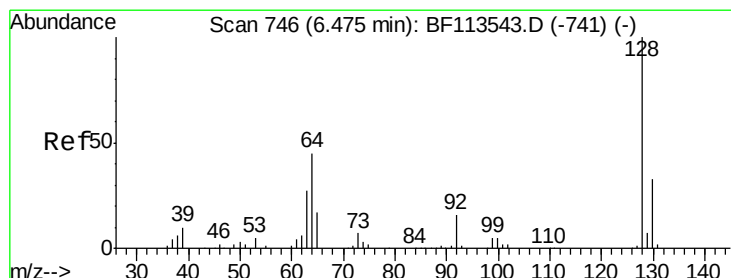
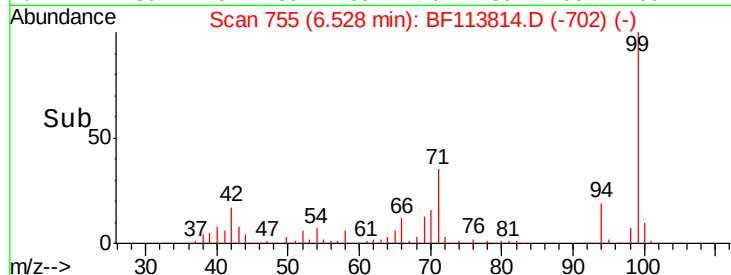
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.53

Time-->



#8

2-Chlorophenol

Concen: 74.131 ng

RT: 6.69 min Scan# 782

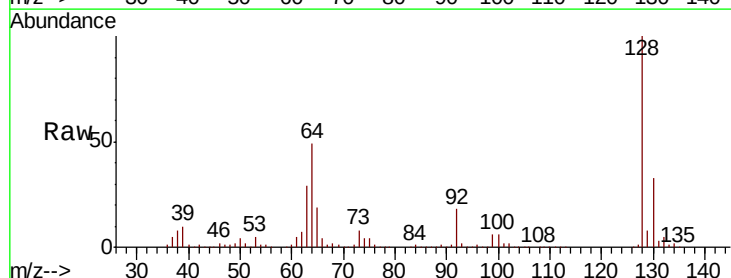
Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Tgt Ion: 128 Resp: 937780

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	49.0	26.1	66.1



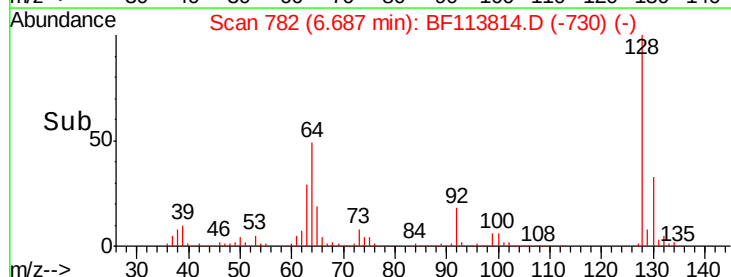
Abundance Ion 128.00 (127.70 to 128.70): E

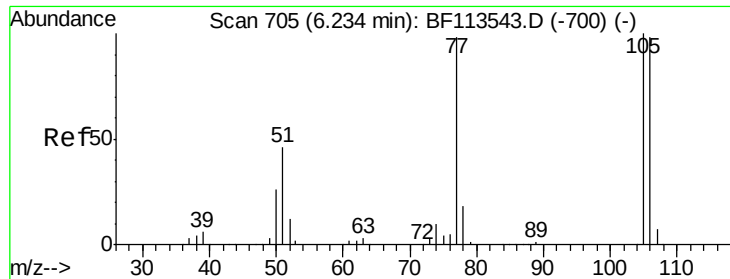
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

6.69

Time-->





#9

Benzaldehyde

Concen: 58.732 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Instrument :

BNA_F

ClientSampleId :

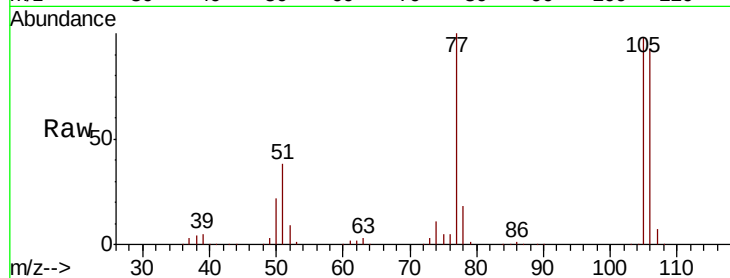
Tot Ion: 77 Resp: 470611

Ion Ratio Lower Upper

77 100

105 98.0 74.1 114.1

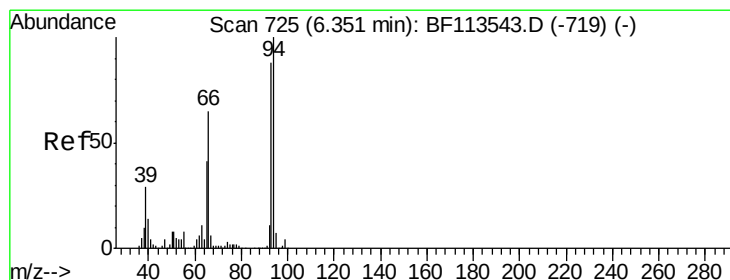
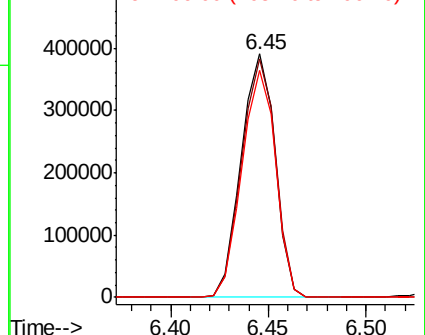
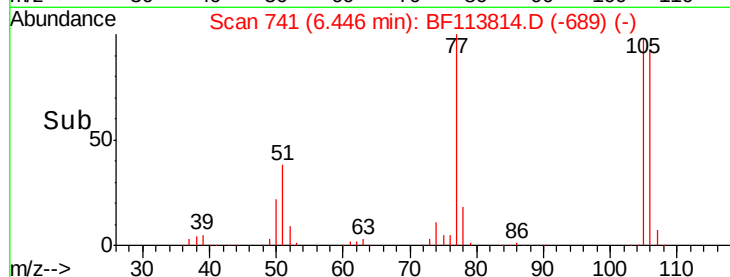
106 93.2 70.3 110.3



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: 82.500 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

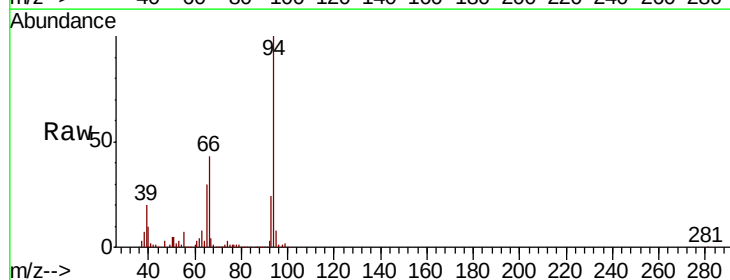
Tgt Ion: 94 Resp: 1269761

Ion Ratio Lower Upper

94 100

65 30.4 8.1 48.1

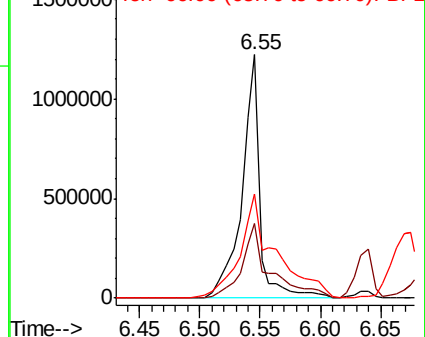
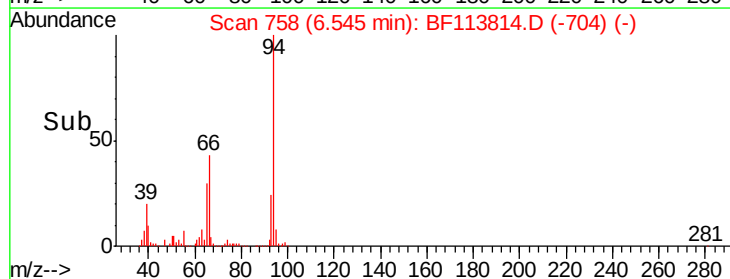
66 42.6 16.6 56.6

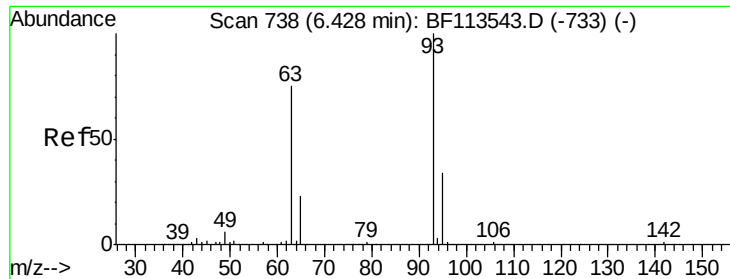


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

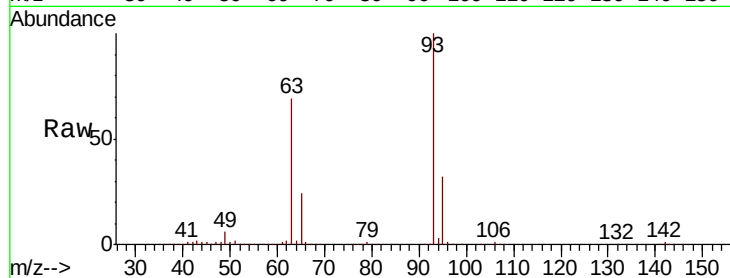




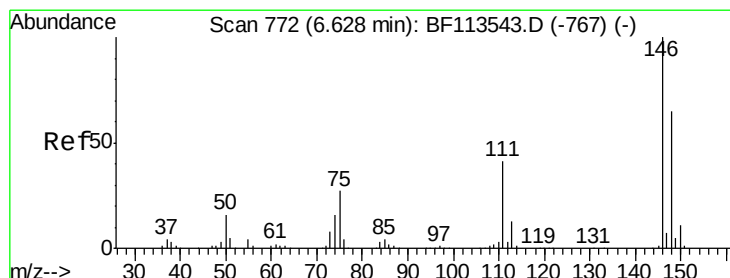
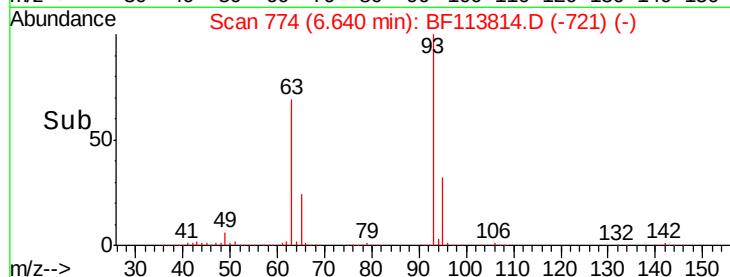
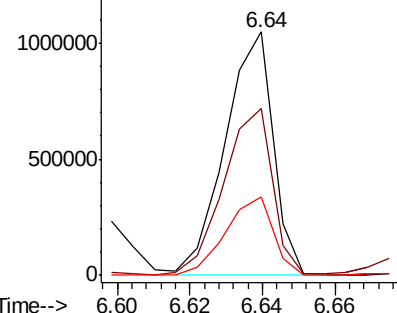
#11
bis(2-Chloroethyl)ether
Concen: 79.754 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 954858
Ion Ratio Lower Upper
93 100
63 68.7 50.7 90.7
95 32.2 12.3 52.3

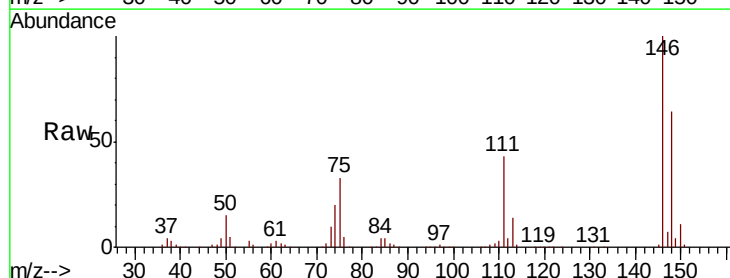


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

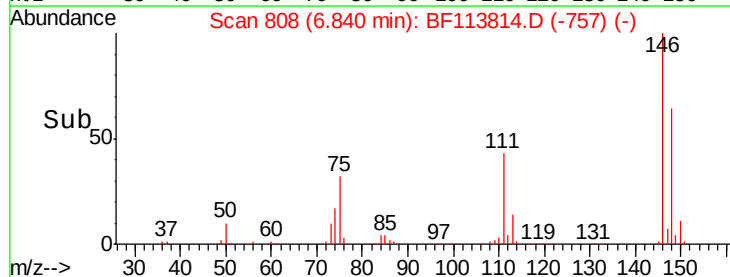
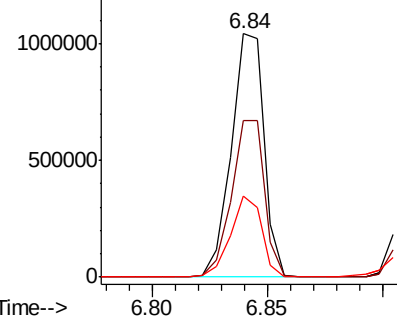


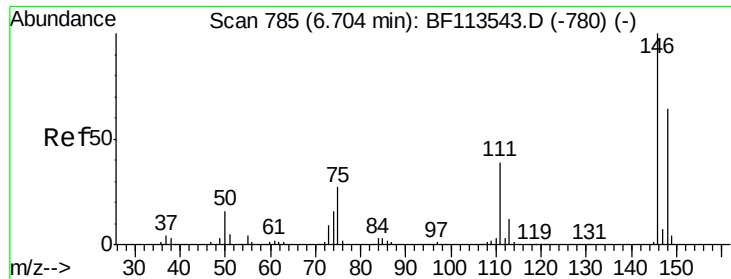
#12
1,3-Dichlorobenzene
Concen: 76.031 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Tgt Ion: 146 Resp: 1035793
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.6
75 33.4 23.8 35.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

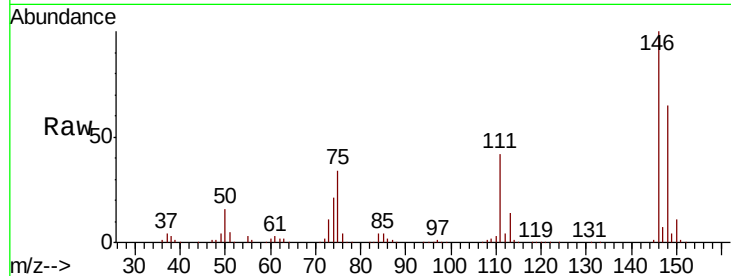




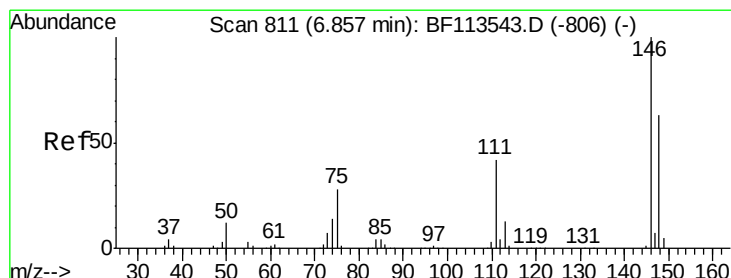
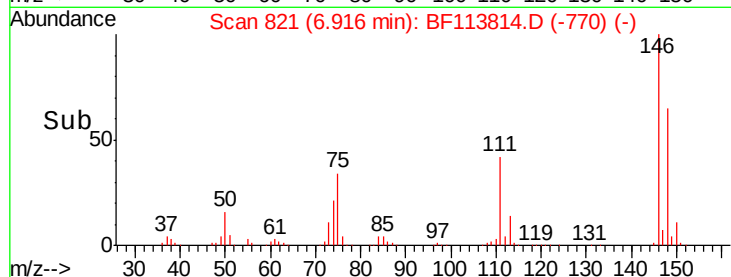
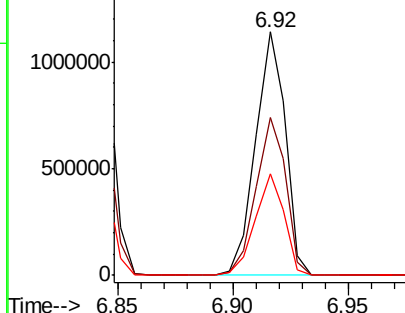
#13
 1,4-Dichlorobenzene
 Concen: 74.735 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 1028864
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.8 77.8
 111 41.9 30.9 46.3

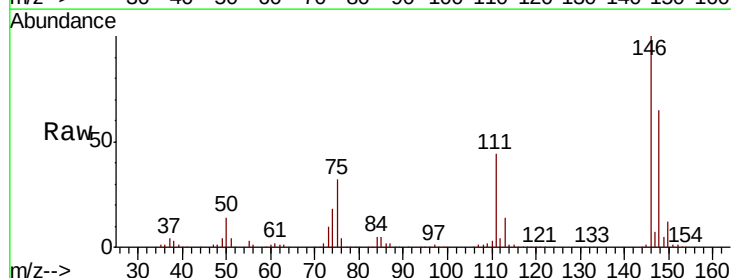


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

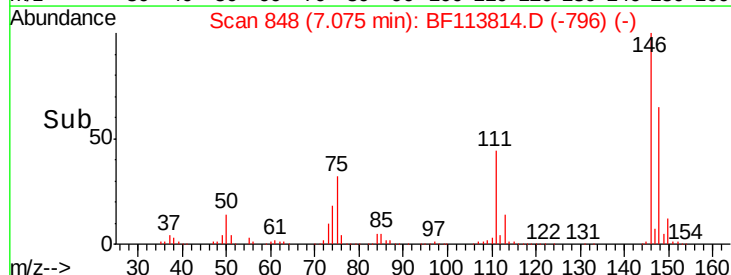
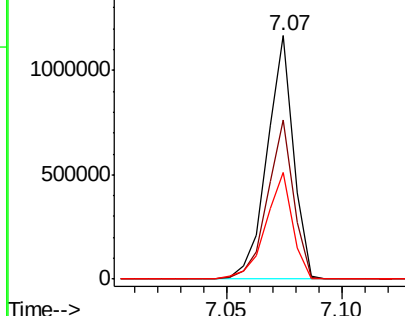


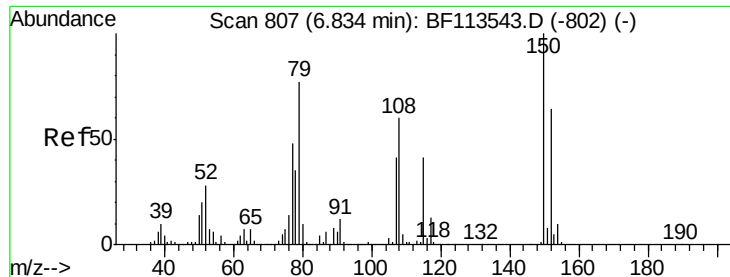
#14
 1,2-Dichlorobenzene
 Concen: 74.215 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Tgt Ion:146 Resp: 922233
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.1 78.1
 111 44.0 34.2 51.4



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: 93.839 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Instrument :

BNA_F

ClientSampleId :

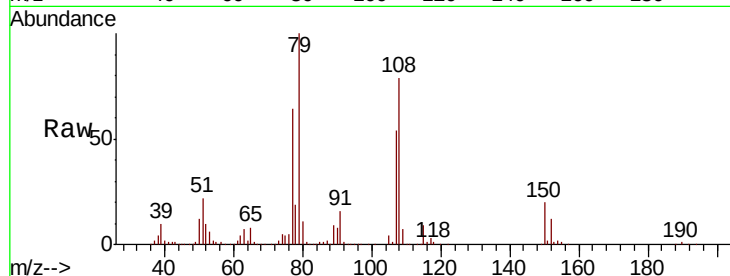
Tot Ion: 79 Resp: 855056

Ion Ratio Lower Upper

79 100

108 78.6 61.4 92.0

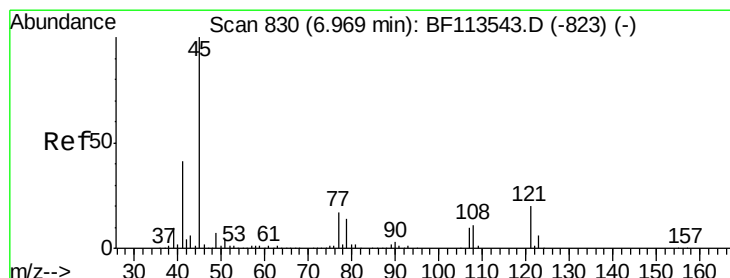
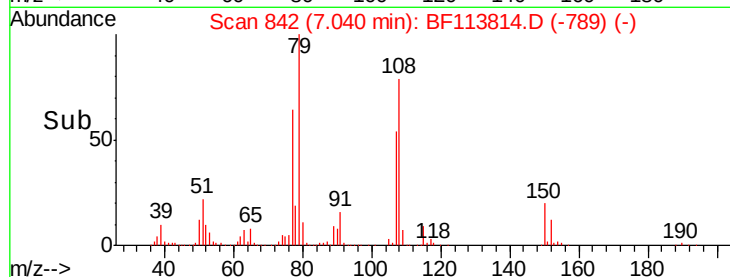
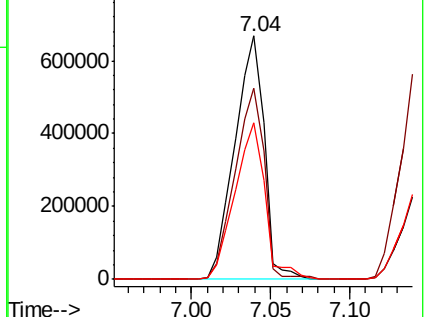
77 64.2 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 62.128 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

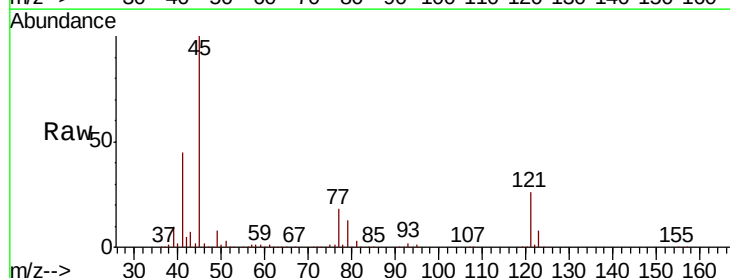
Tgt Ion: 45 Resp: 1157788

Ion Ratio Lower Upper

45 100

77 17.8 0.0 37.0

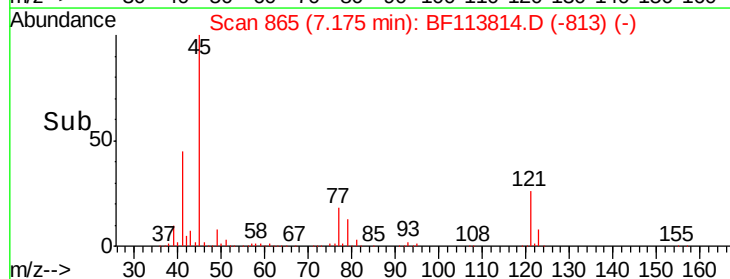
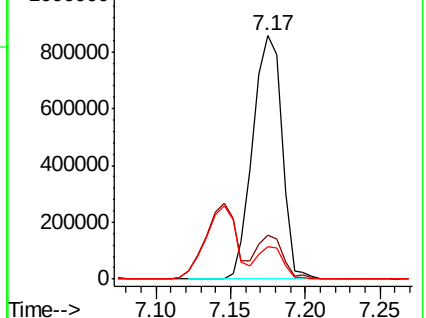
79 13.5 0.0 32.7

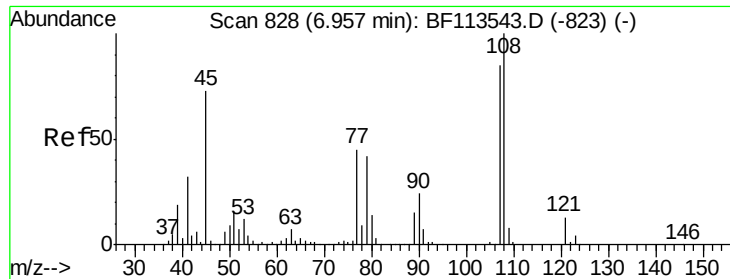


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

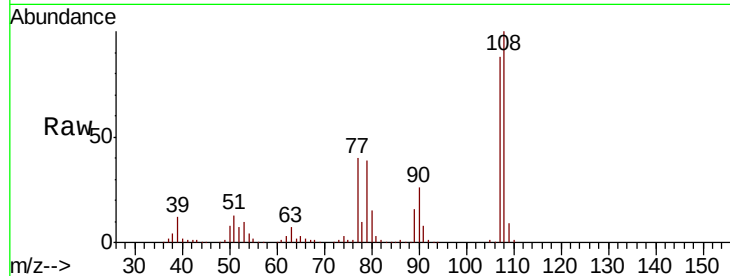




#17
2-Methylphenol
Concen: 79.827 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	782596
Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.5	137.3
77	46.0	36.2	54.4
79	44.8	35.4	53.0



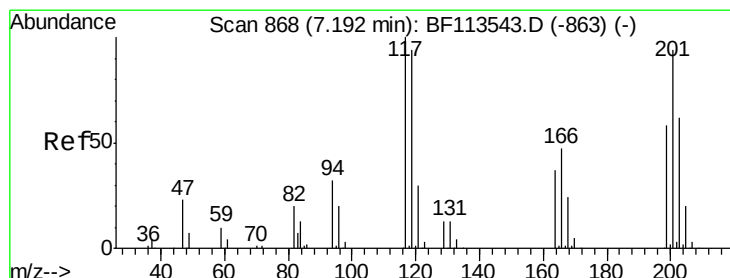
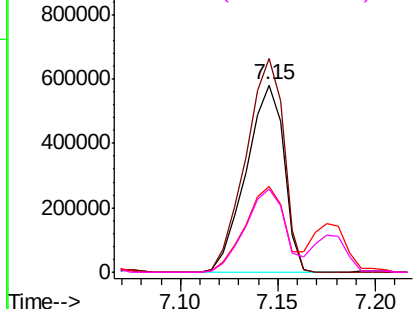
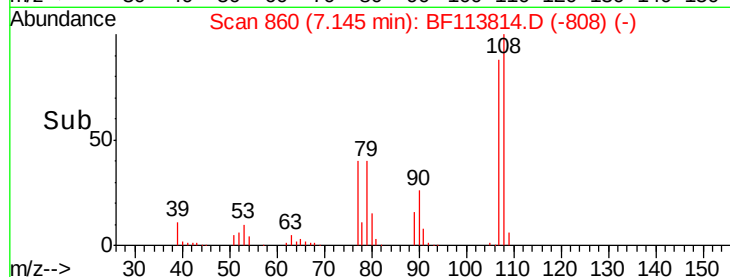
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

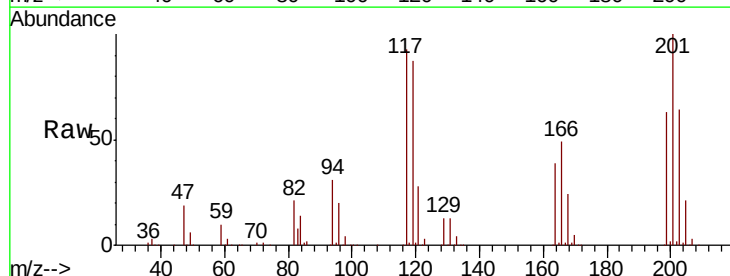
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 76.203 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Tgt Ion:	117	Resp:	381852
Ion	Ratio	Lower	Upper
117	100		
119	93.5	74.4	111.6
201	107.0	90.2	135.2

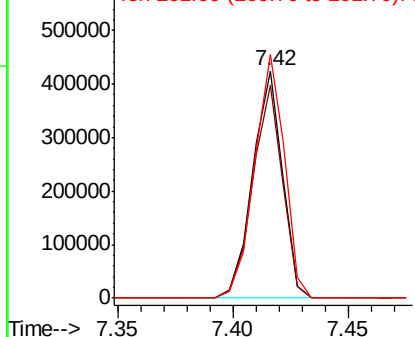
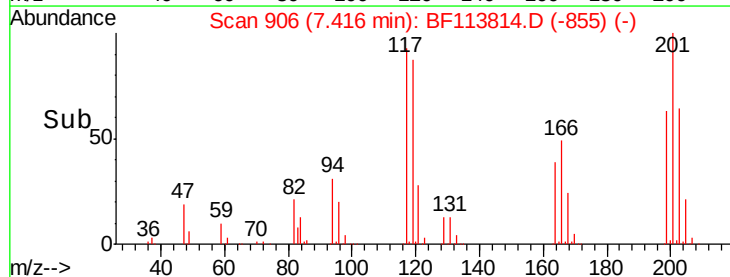


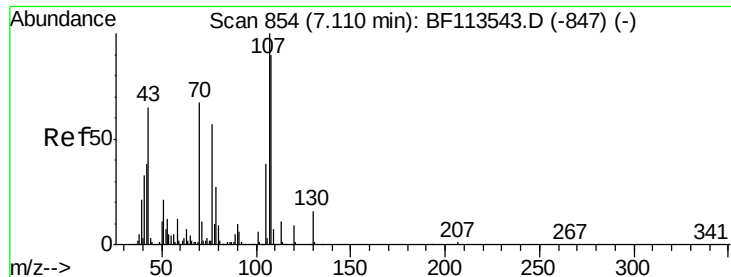
Abundance

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

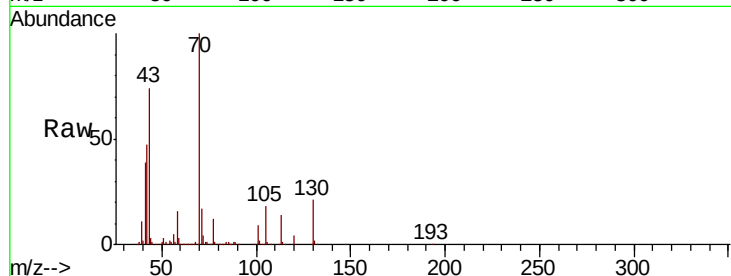




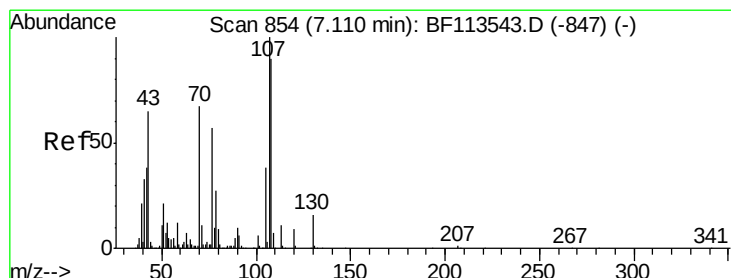
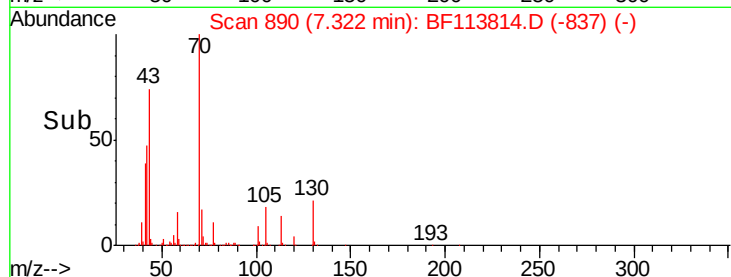
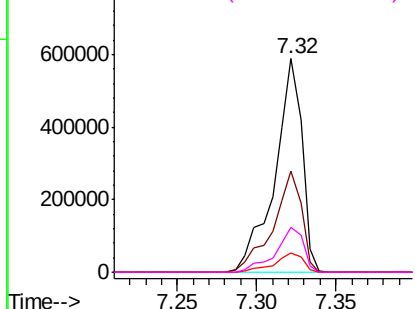
#19
n-Nitroso-di-n-propylamine
Concen: 84.754 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	704302
Ion	Ratio	Lower	Upper
70	100		
42	47.1	37.3	55.9
101	9.3	7.8	11.8
130	21.2	18.2	27.2

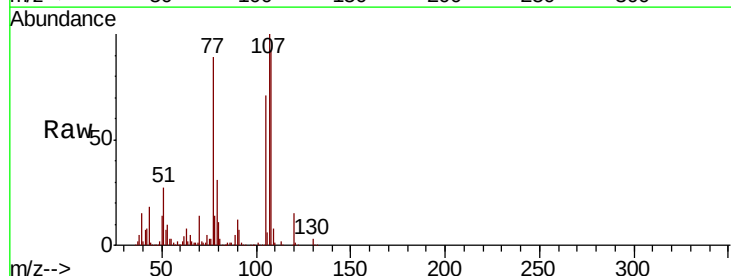


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

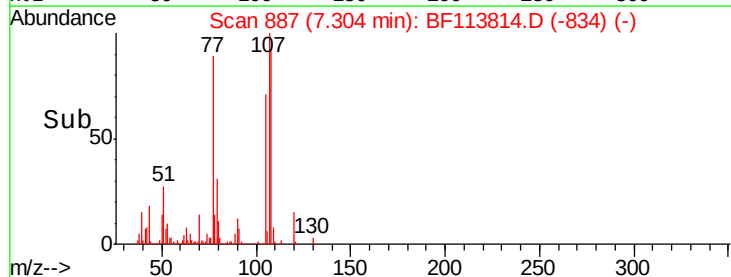
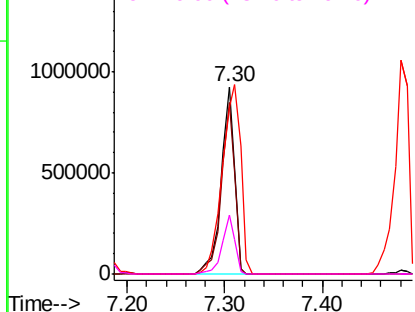


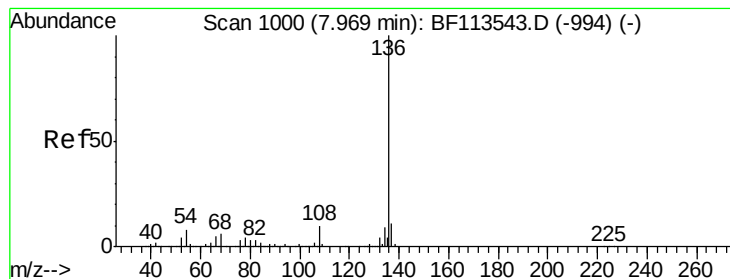
#20
3+4-Methylphenols
Concen: 74.161 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Tgt Ion:	107	Resp:	880928
Ion	Ratio	Lower	Upper
107	100		
108	91.8	70.1	110.1
77	88.7	52.9	92.9
79	31.1	10.2	50.2



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 729451

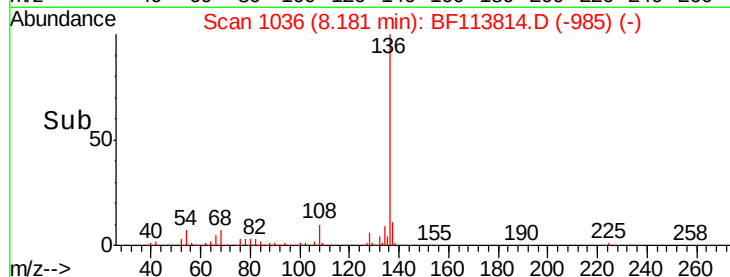
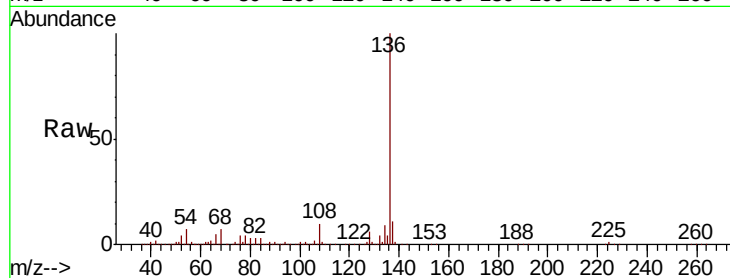
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 6.6 5.0 7.6

68 6.8 4.9 7.3

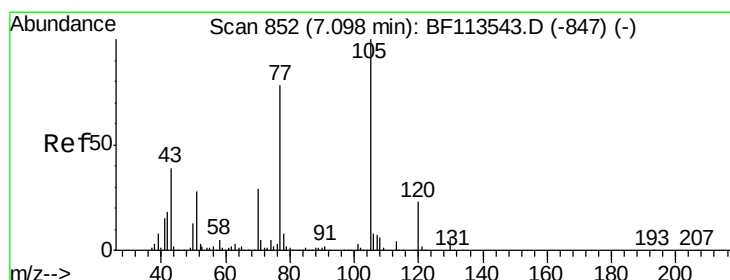
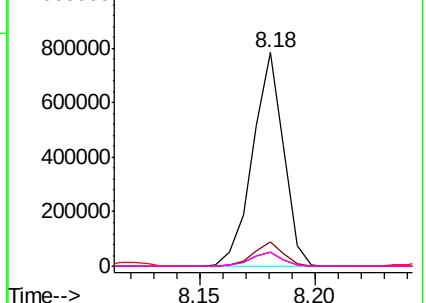


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.790 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Tgt Ion:105 Resp: 1214241

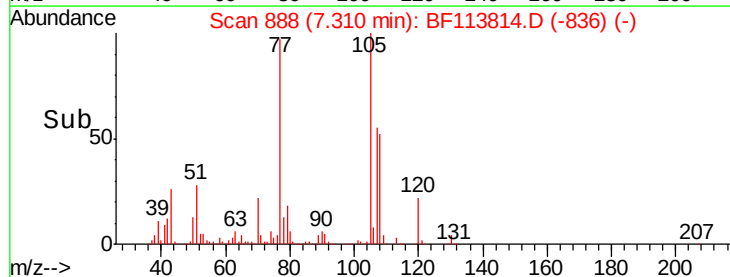
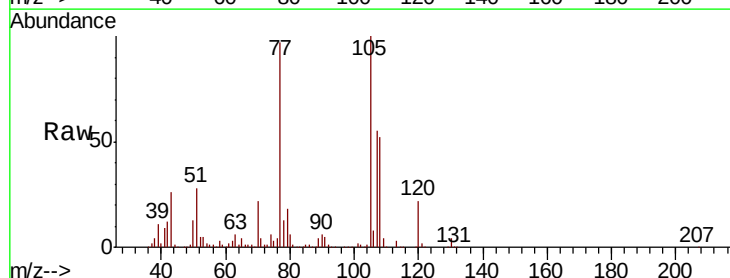
Ion Ratio Lower Upper

105 100

71 3.6 6.1 9.1#

51 28.1 16.8 25.2#

120 21.7 17.6 26.4

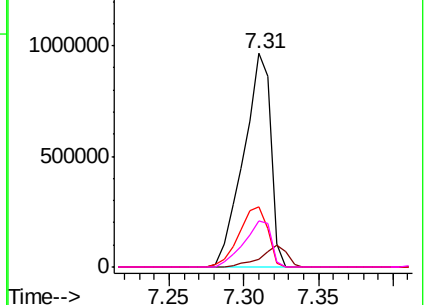


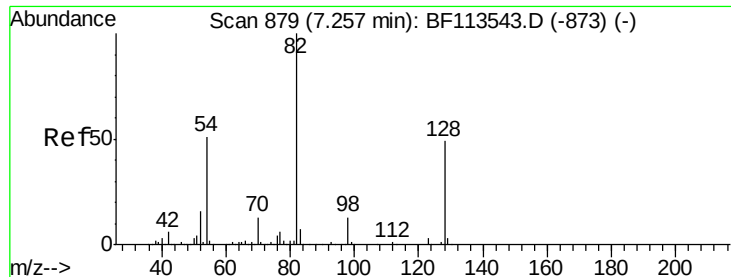
Abundance Ion 105.00 (104.70 to 105.70): E

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

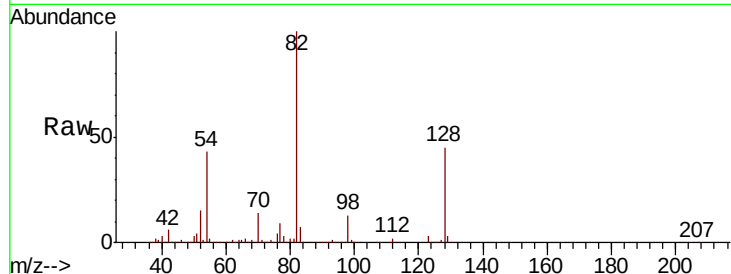




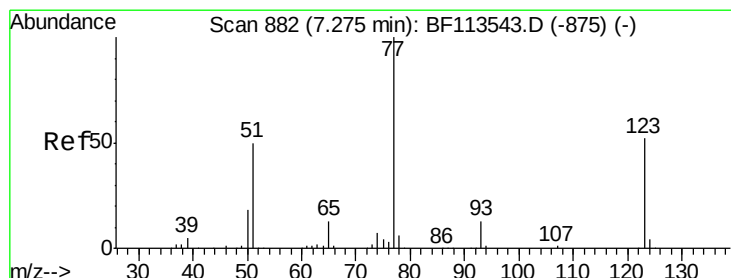
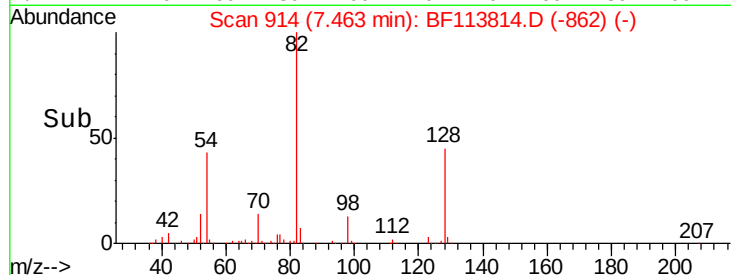
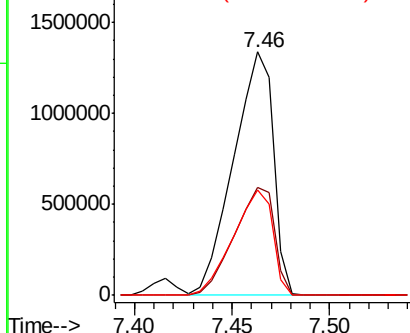
#23
Nitrobenzene-d5
Concen: 152.089 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1894005
Ion Ratio Lower Upper
82 100
128 44.5 36.8 55.2
54 43.5 33.8 50.6

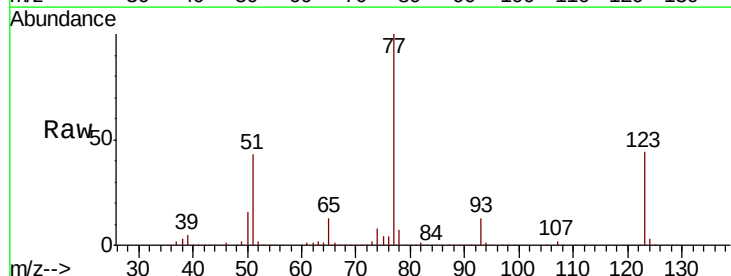


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

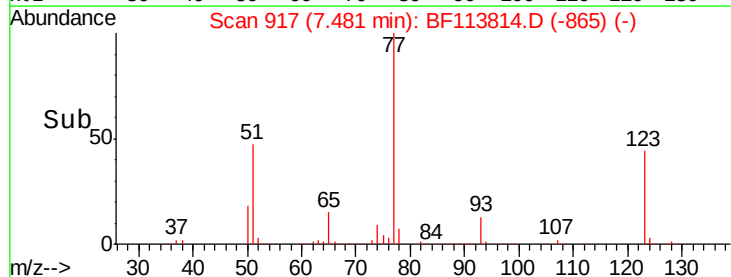
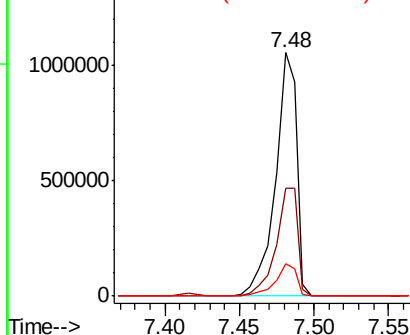


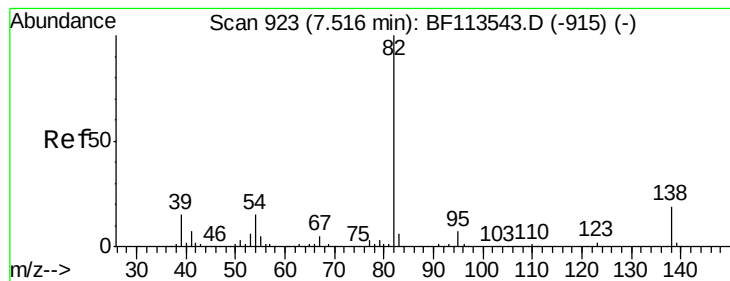
#24
Nitrobenzene
Concen: 81.595 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Tgt Ion: 77 Resp: 1046442
Ion Ratio Lower Upper
77 100
123 44.4 36.3 54.5
65 13.3 10.3 15.5



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





#25

Isophorone

Concen: 80.085 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Instrument :

BNA_F

ClientSampleId :

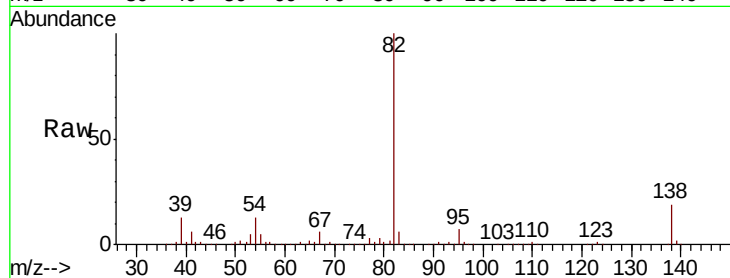
Tot Ion: 82 Resp: 1921204

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

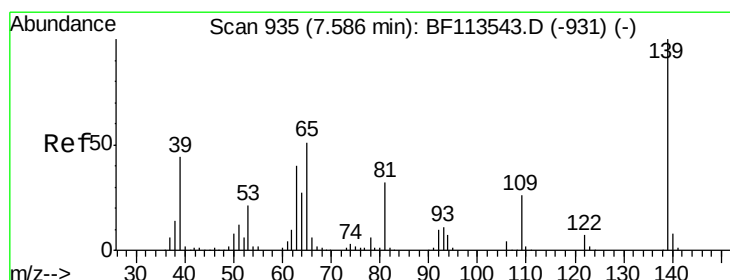
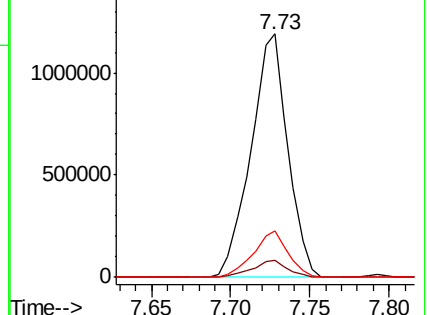
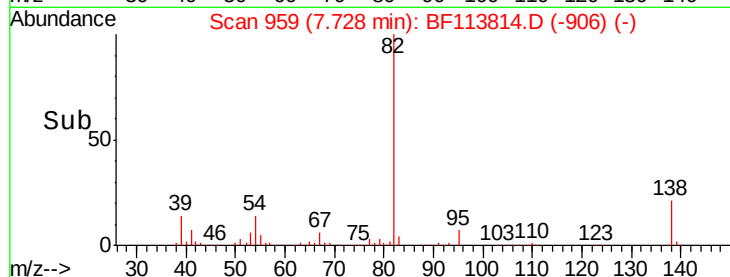
138 18.9 14.6 22.0



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: 68.043 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

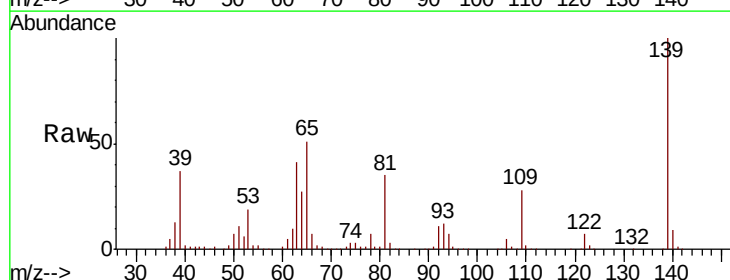
Tgt Ion: 139 Resp: 469651

Ion Ratio Lower Upper

139 100

109 28.2 20.6 31.0

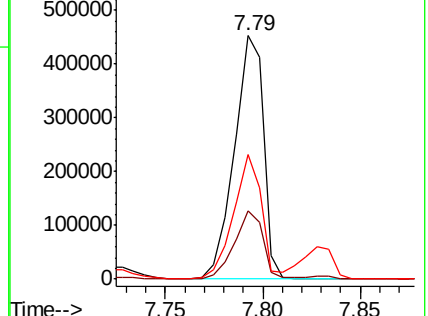
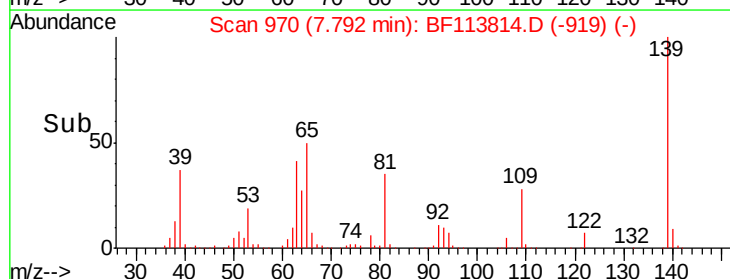
65 51.3 34.6 52.0

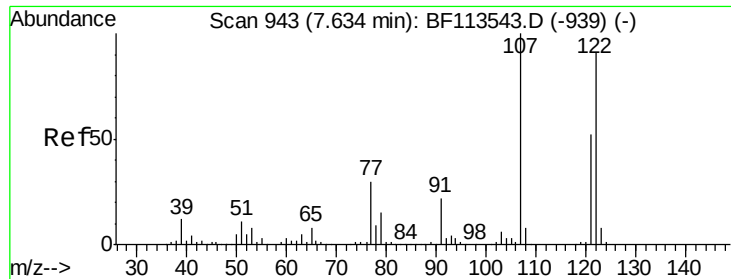


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

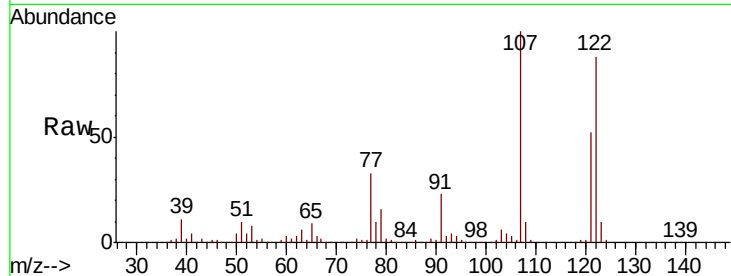




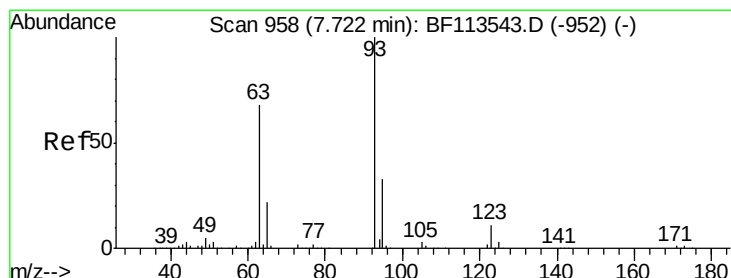
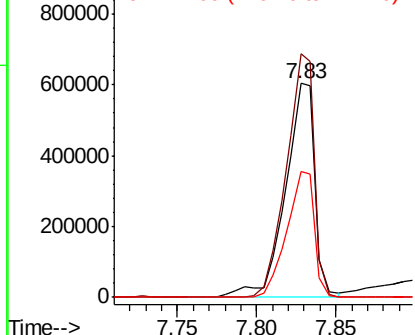
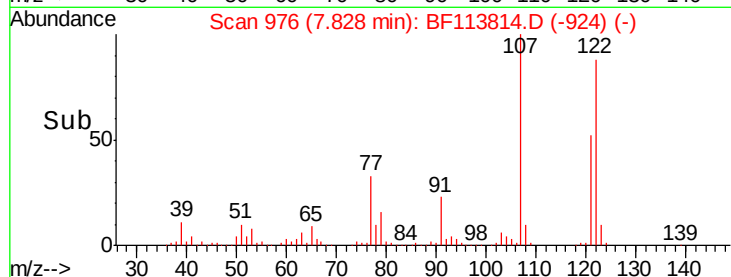
#27
 2,4-Dimethylphenol
 Concen: 78.607 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 775670
 Ion Ratio Lower Upper
 122 100
 107 113.8 91.2 136.8
 121 59.1 46.4 69.6

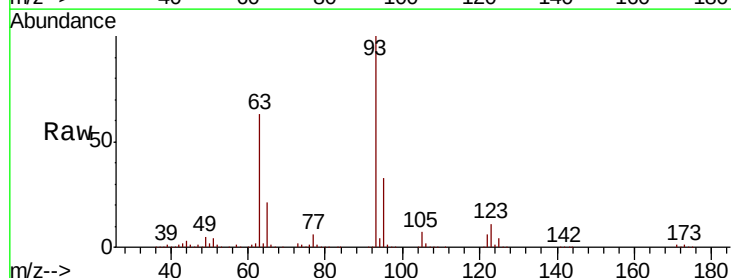


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

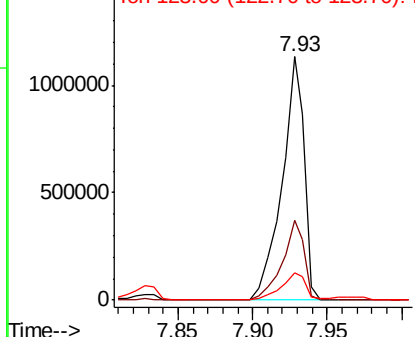
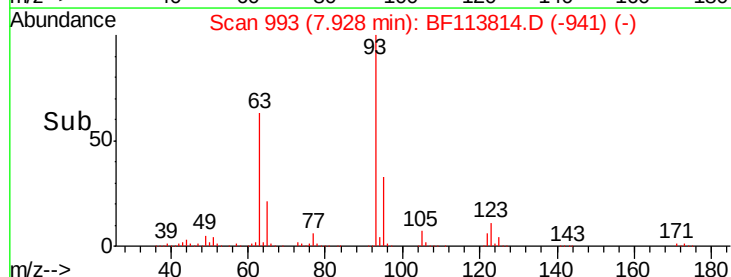


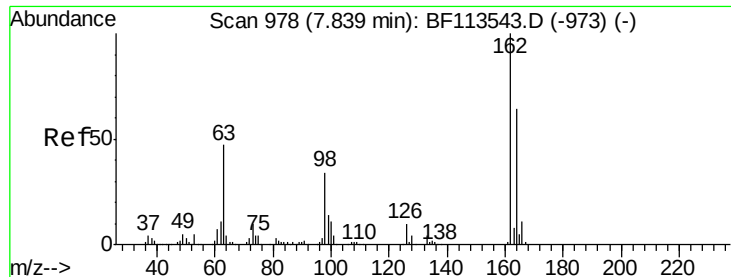
#28
 bis(2-Chloroethoxy)methane
 Concen: 78.085 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Tgt Ion: 93 Resp: 1184287
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.8 38.6
 123 11.4 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

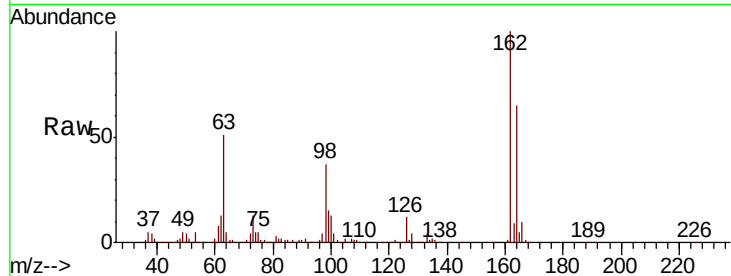




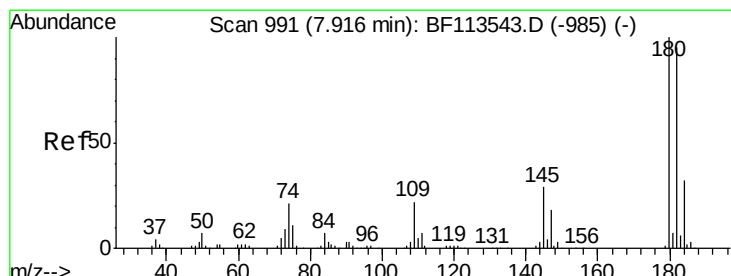
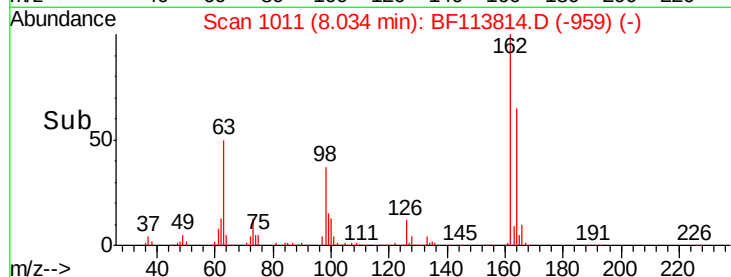
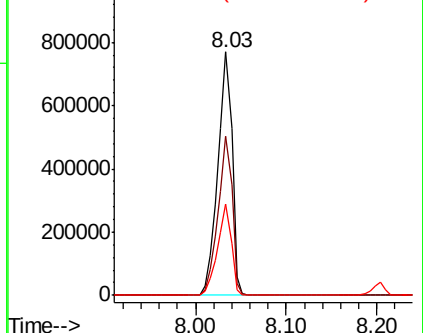
#29
2,4-Dichlorophenol
Concen: 78.762 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 831552
Ion Ratio Lower Upper
162 100
164 65.4 43.7 83.7
98 37.5 15.5 55.5

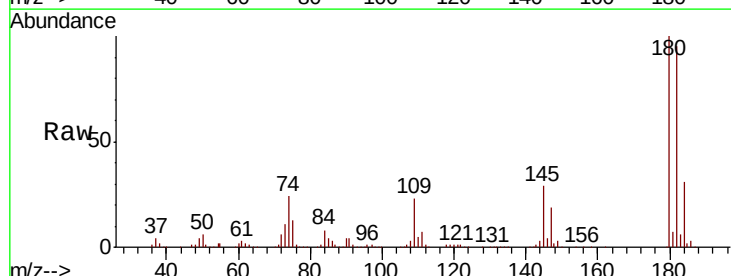


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

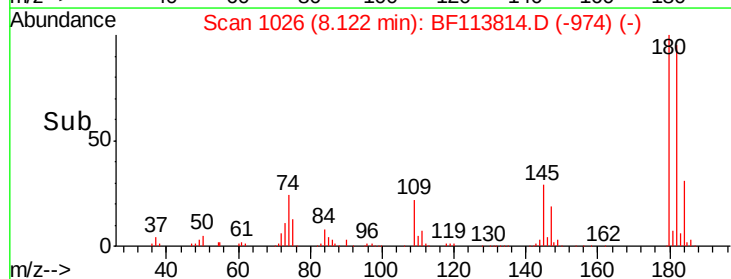
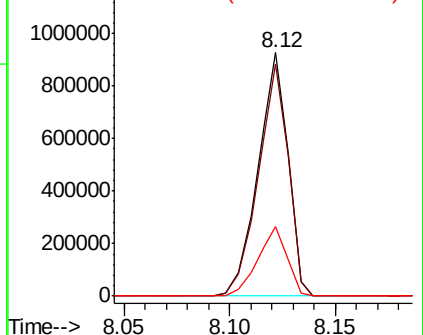


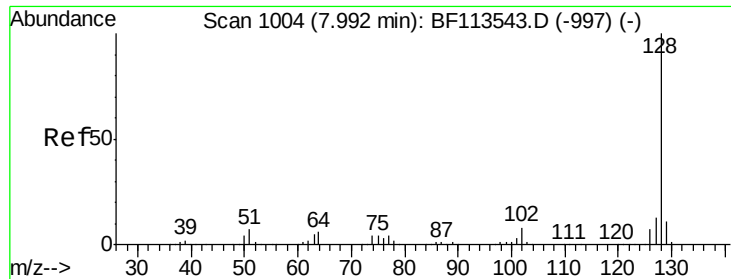
#30
1,2,4-Trichlorobenzene
Concen: 79.321 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Tgt Ion:180 Resp: 909439
Ion Ratio Lower Upper
180 100
182 95.1 75.4 113.0
145 28.6 23.0 34.4



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

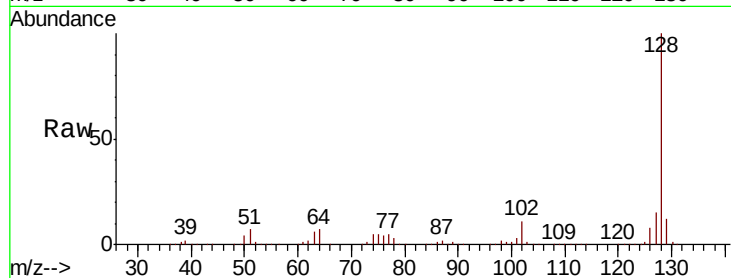




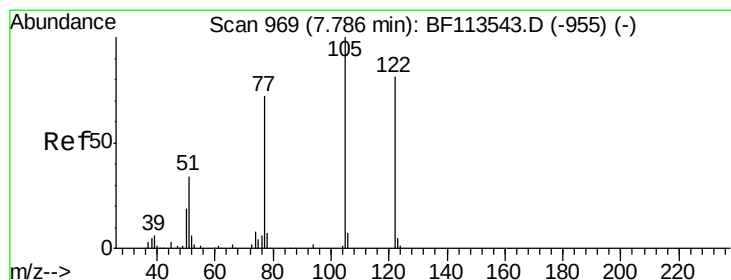
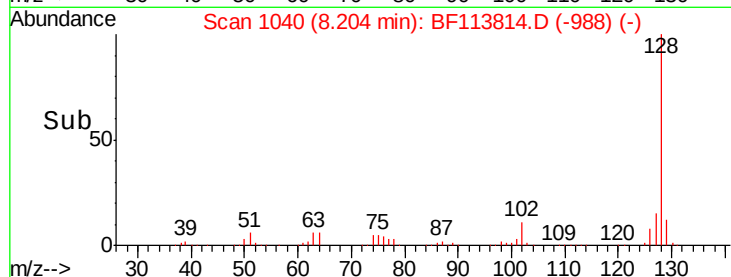
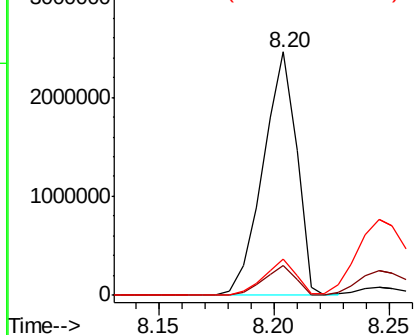
#31
Naphthalene
Concen: 70.386 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2487709
Ion Ratio Lower Upper
128 100
129 12.3 9.4 14.0
127 14.7 10.8 16.2

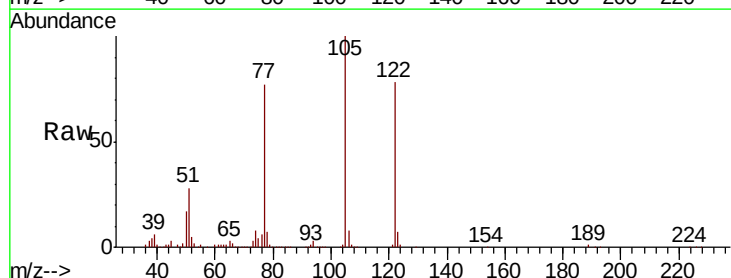


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

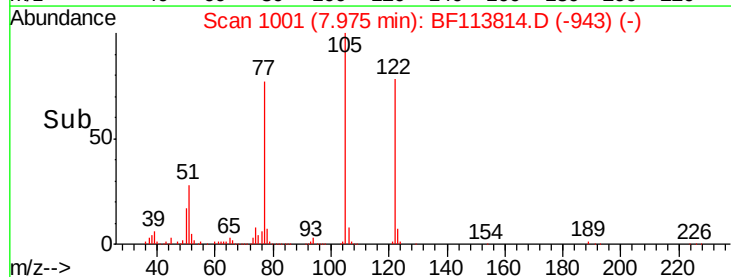
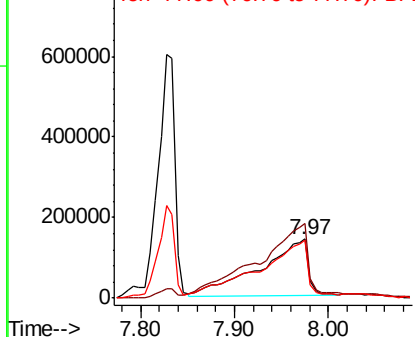


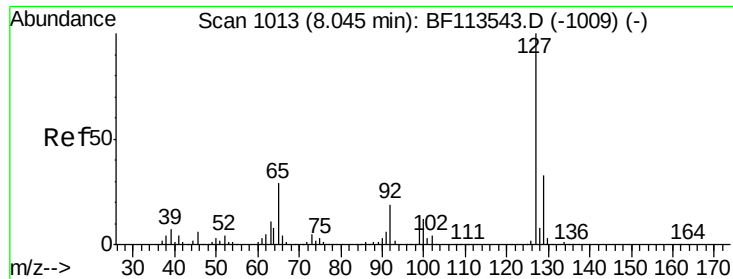
#32
Benzoic acid
Concen: 65.611 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.04 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Tgt Ion:122 Resp: 501333
Ion Ratio Lower Upper
122 100
105 127.7 104.3 144.3
77 98.6 70.4 110.4



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

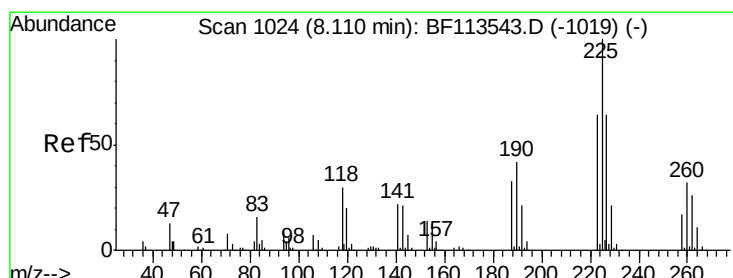
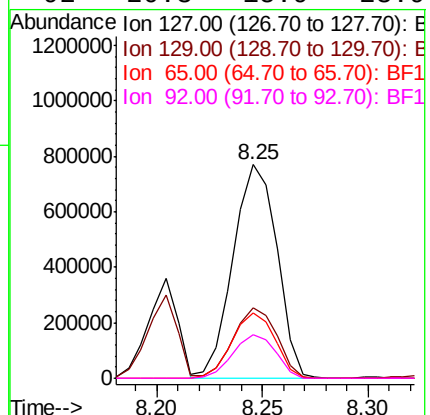
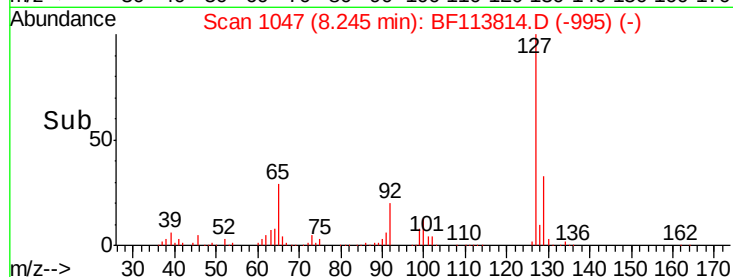
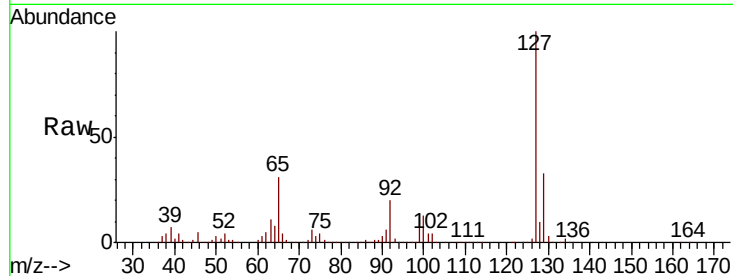




#33
 4-Chloroaniline
 Concen: 78.879 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. 0.01 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

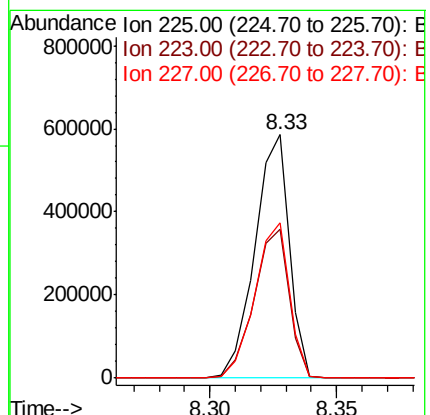
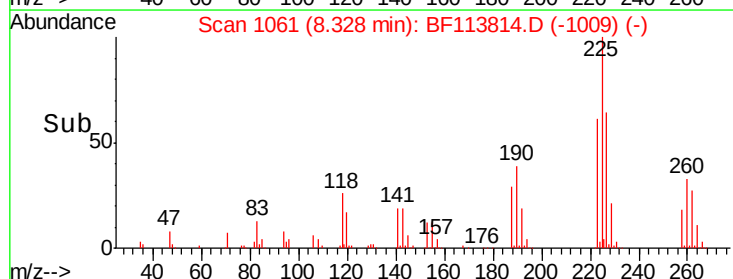
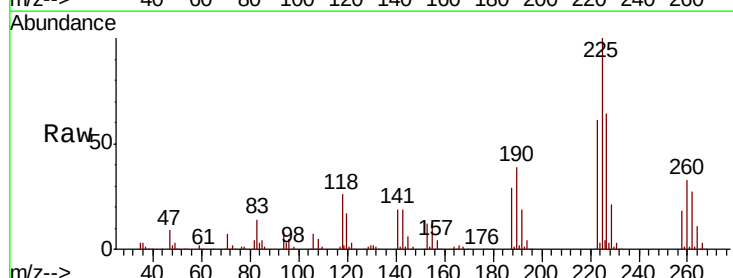
Instrument :
 BNA_F
 ClientSampled :

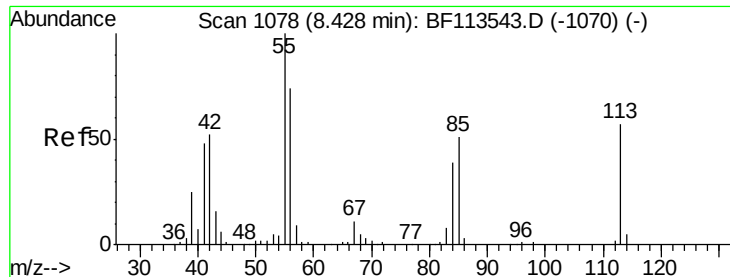
Tot Ion:	127	Resp:	1105434
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.4	39.6
65	30.7	24.9	37.3
92	20.3	15.9	23.9



#34
 Hexachlorobutadiene
 Concen: 79.775 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. 0.01 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Tgt Ion:	225	Resp:	557632
Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.1	76.7
227	63.7	49.9	74.9

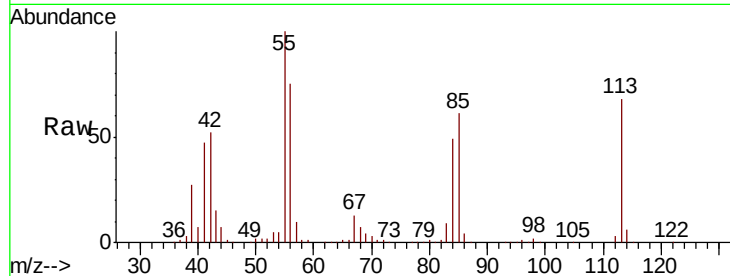




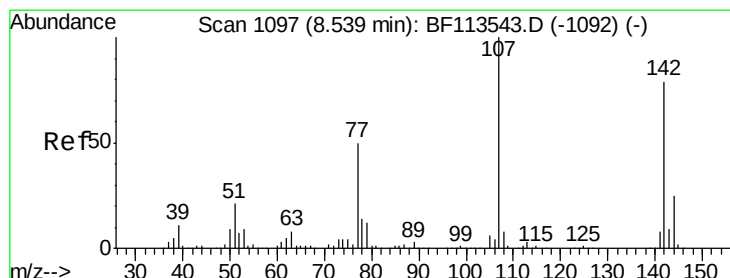
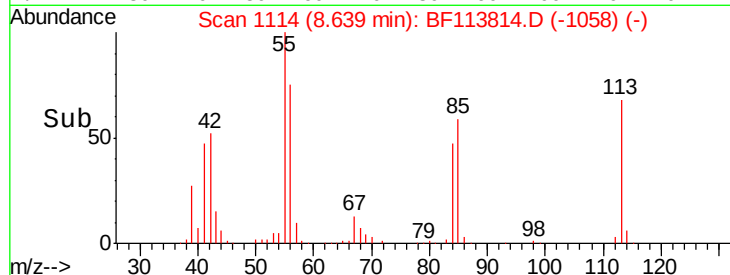
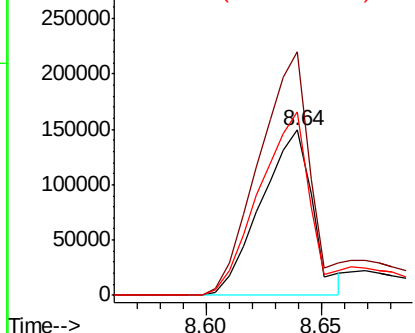
#35
 Caprolactam
 Concen: 68.759 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.03 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 230441
 Ion Ratio Lower Upper
 113 100
 55 147.5 128.6 168.6
 56 111.2 91.9 131.9

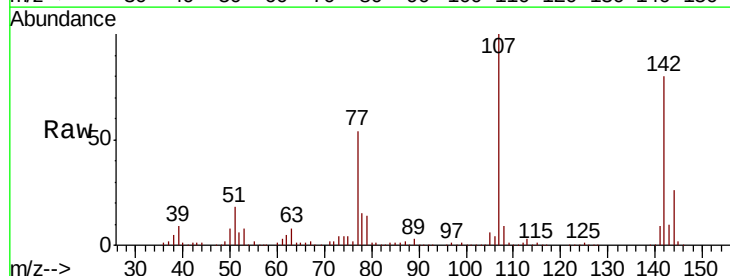


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

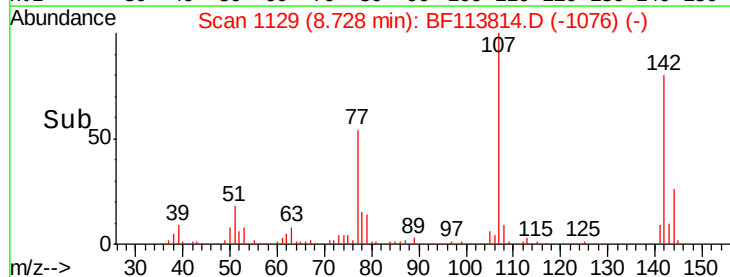
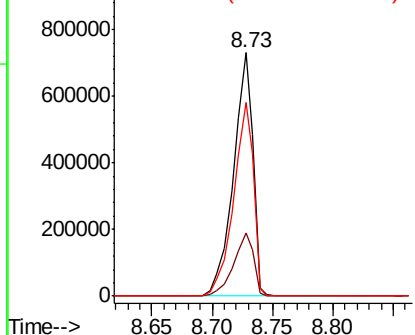


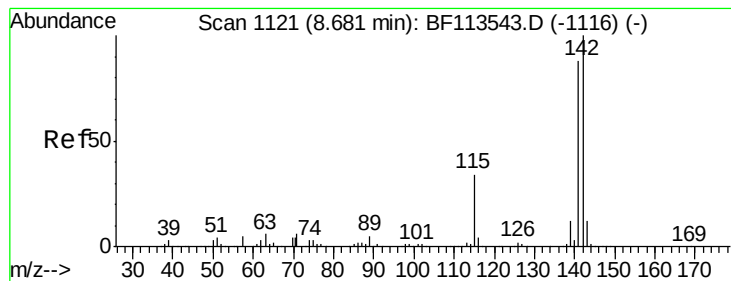
#36
 4-Chloro-3-methylphenol
 Concen: 77.796 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Tgt Ion:107 Resp: 824510
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 79.6 64.2 96.4



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: 71.605 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Instrument :

BNA_F

ClientSampleId :

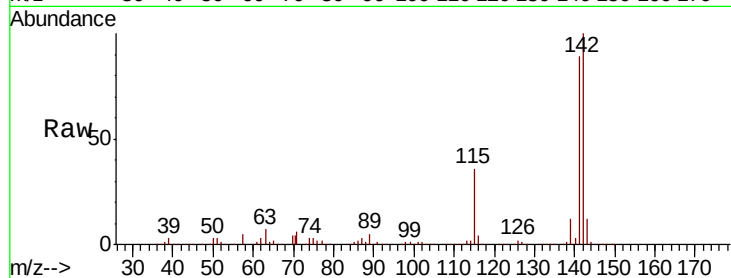
Tot Ion:142 Resp: 1664480

Ion Ratio Lower Upper

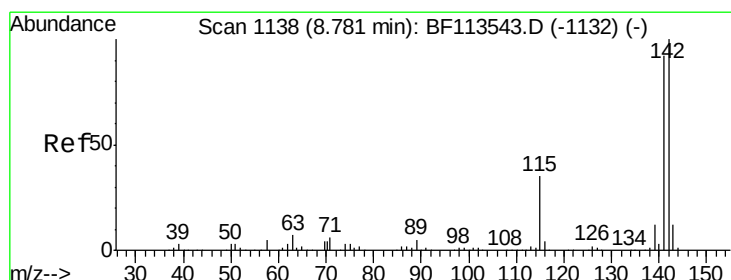
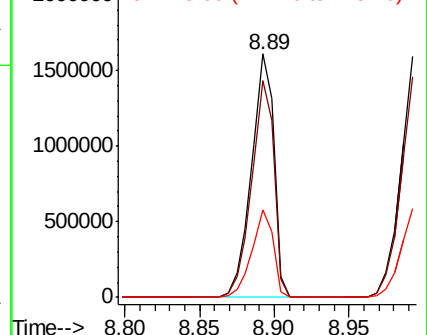
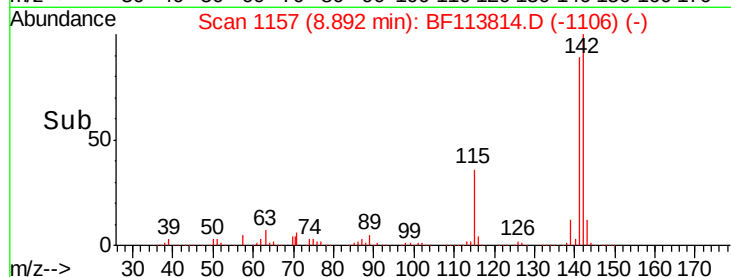
142 100

141 88.9 70.4 105.6

115 35.8 26.3 39.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 72.051 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

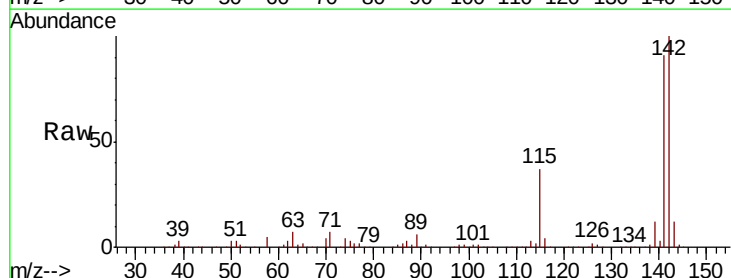
Tgt Ion:142 Resp: 1614997

Ion Ratio Lower Upper

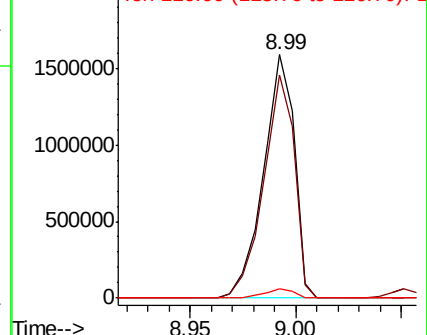
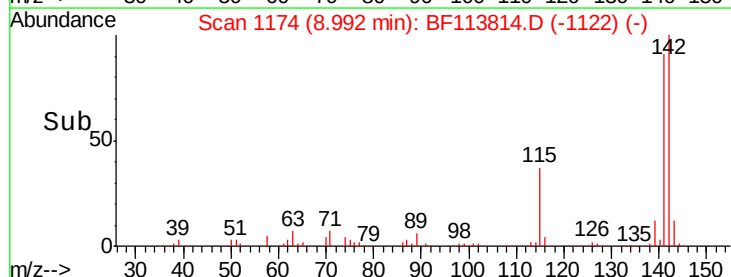
142 100

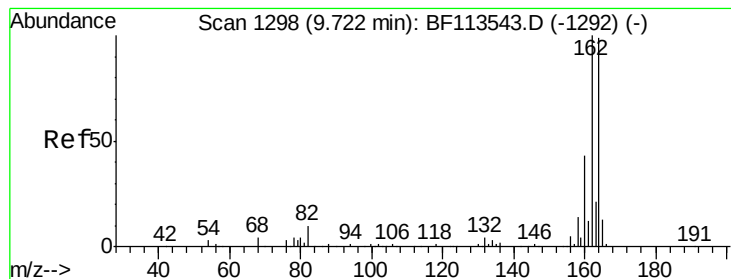
141 91.5 72.3 108.5

116 3.9 3.0 4.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Instrument :

BNA_F

ClientSampleId :

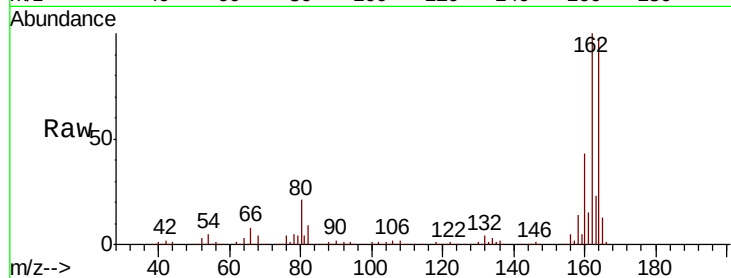
Tot Ion:164 Resp: 368873

Ion Ratio Lower Upper

164 100

162 103.2 81.1 121.7

160 44.7 35.8 53.6

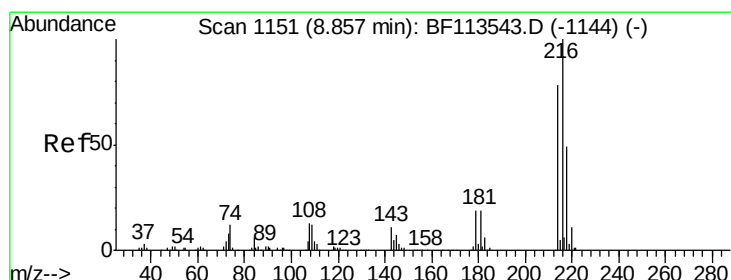
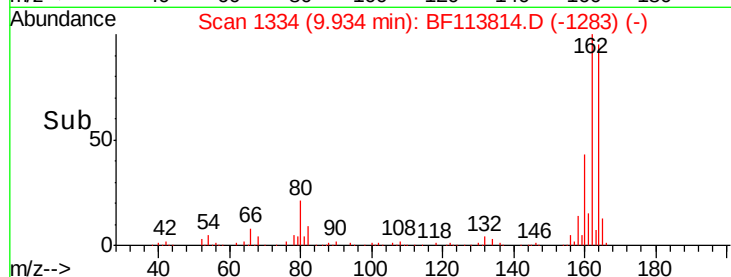
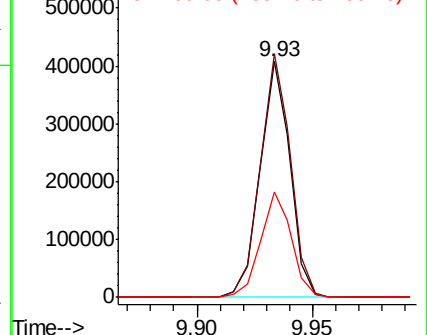


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 71.786 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Tgt Ion:216 Resp: 856388

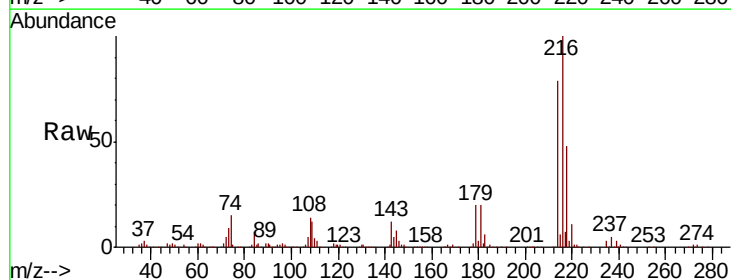
Ion Ratio Lower Upper

216 100

214 79.8 63.5 95.3

179 20.7 16.1 24.1

108 17.1 13.4 20.0



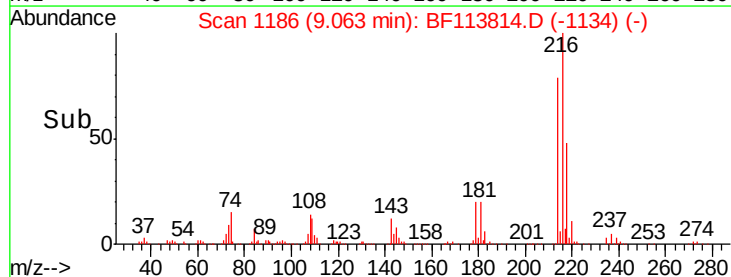
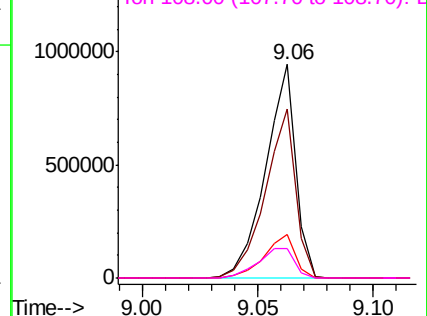
Abundance

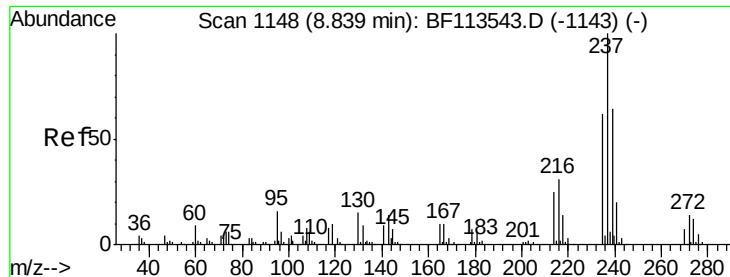
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

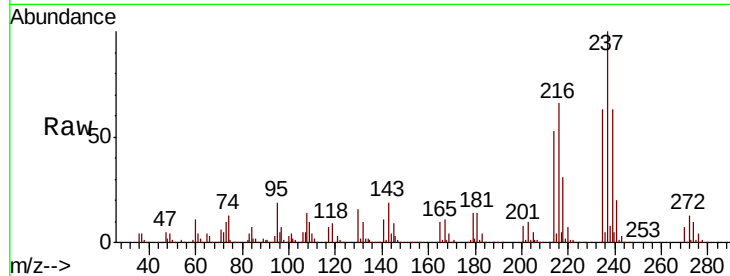




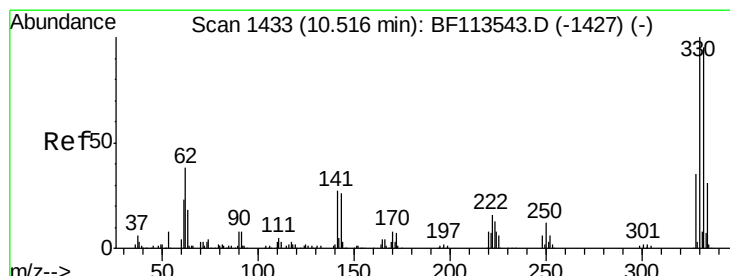
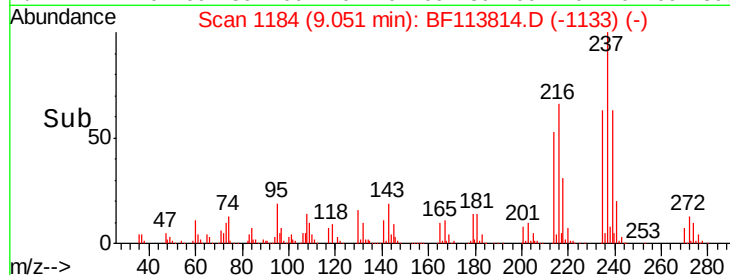
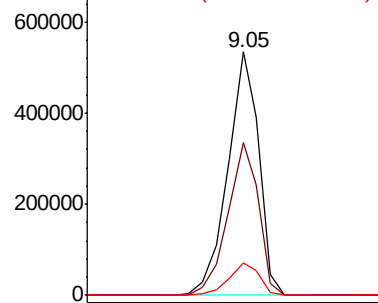
#41
Hexachlorocyclopentadiene
Concen: 140.962 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 499554
Ion Ratio Lower Upper
237 100
235 62.7 42.6 82.6
272 13.4 0.0 33.8

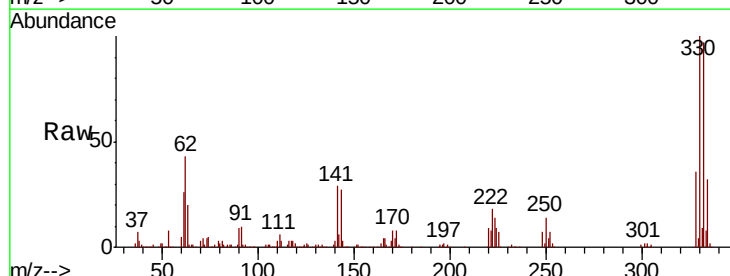


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

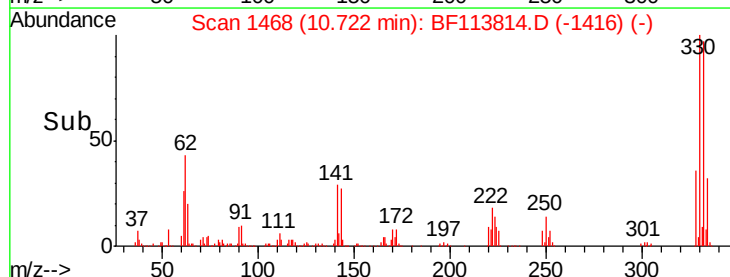
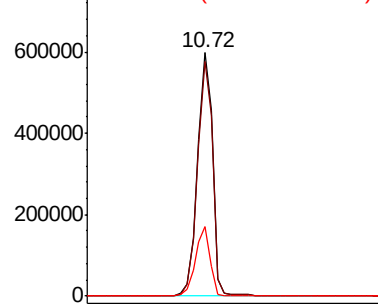


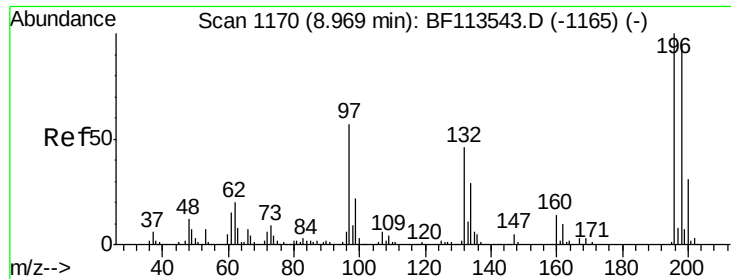
#42
2,4,6-Tribromophenol
Concen: 135.679 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Tgt Ion:330 Resp: 601204
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 27.8 22.2 33.2



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

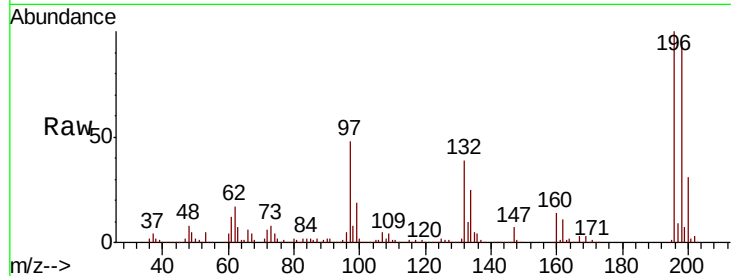




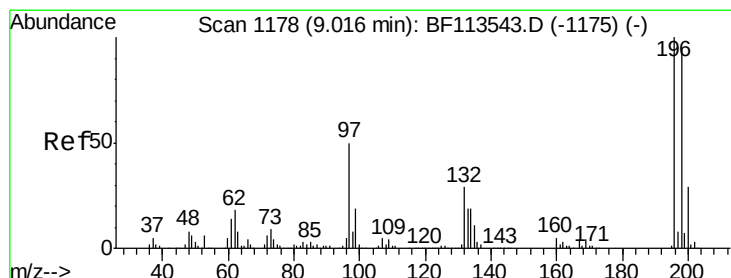
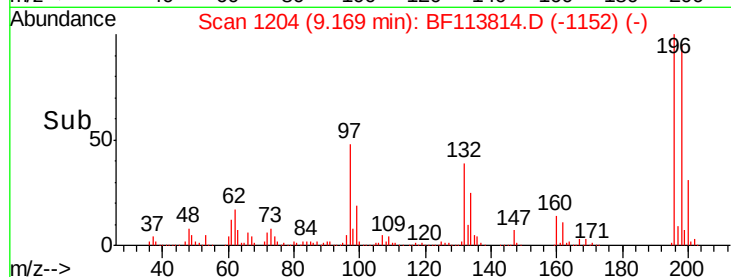
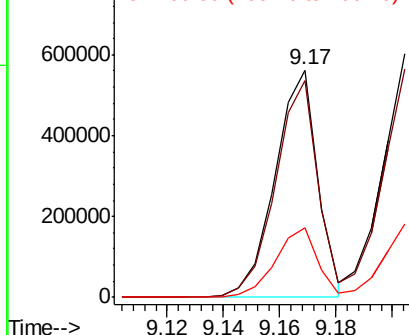
#43
 2,4,6-Trichlorophenol
 Concen: 77.954 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 587020
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.6 113.4
 200 30.7 24.7 37.1

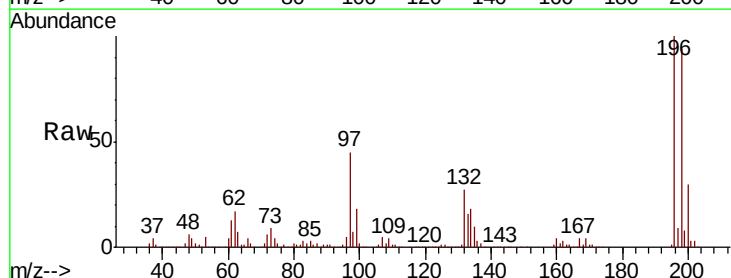


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

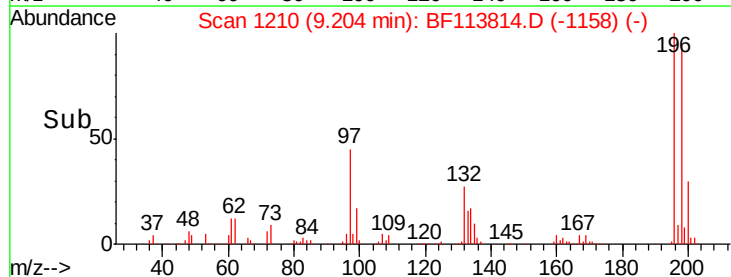
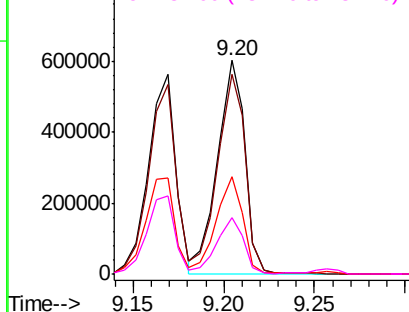


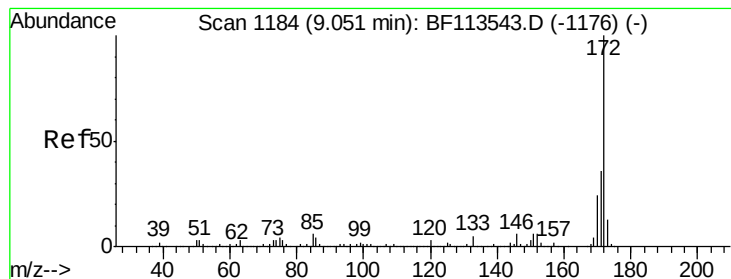
#44
 2,4,5-Trichlorophenol
 Concen: 78.167 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Tgt Ion:196 Resp: 631940
 Ion Ratio Lower Upper
 196 100
 198 93.5 76.2 114.4
 97 45.4 35.8 53.8
 132 26.6 20.9 31.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 133.245 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Instrument :

BNA_F

ClientSampleId :

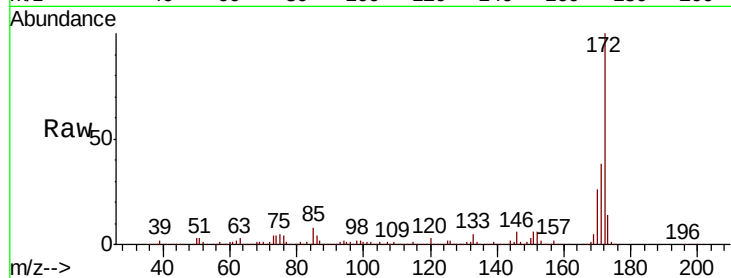
Tot Ion:172 Resp: 3053031

Ion Ratio Lower Upper

172 100

171 38.1 29.4 44.0

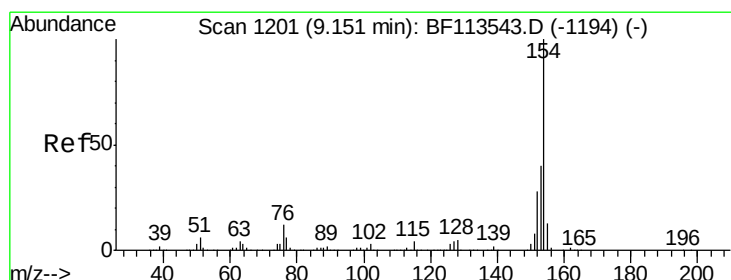
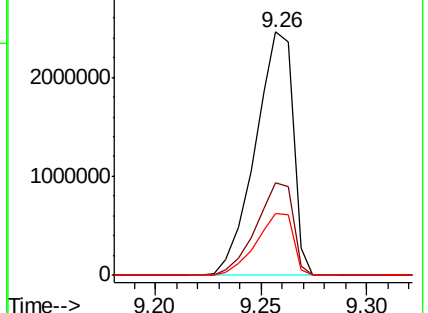
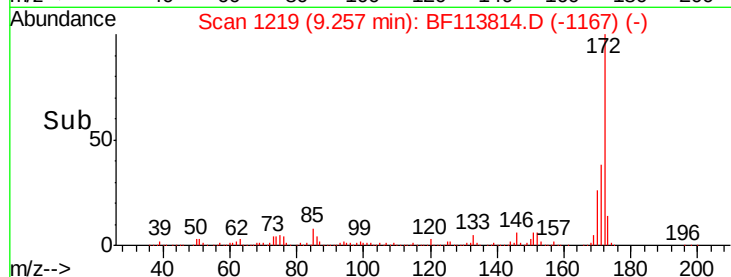
170 25.5 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 65.742 ng

RT: 9.36 min Scan# 1236

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

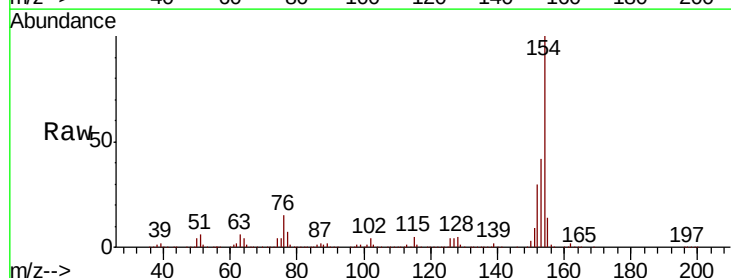
Tgt Ion:154 Resp: 2001115

Ion Ratio Lower Upper

154 100

153 42.4 20.8 60.8

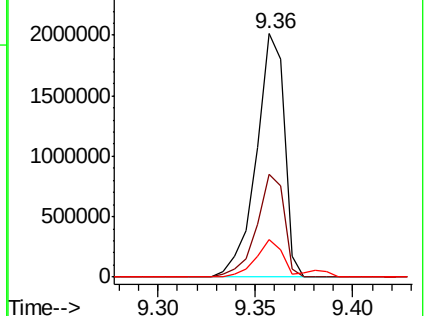
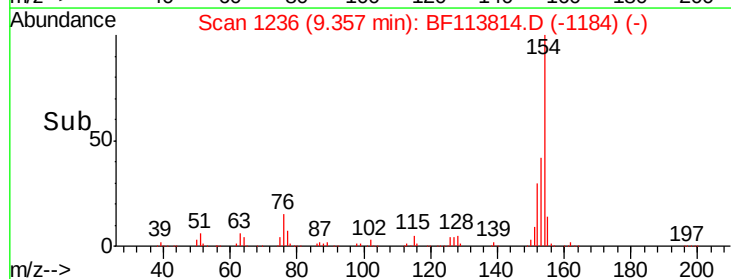
76 15.4 0.0 35.2

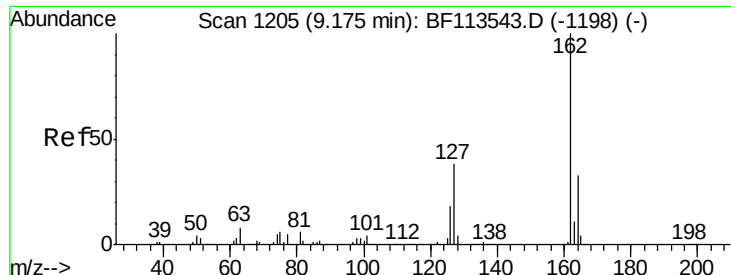


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

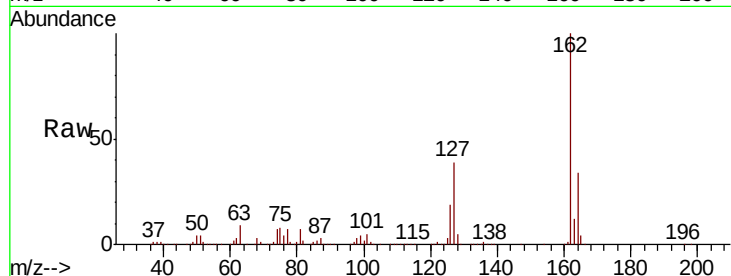




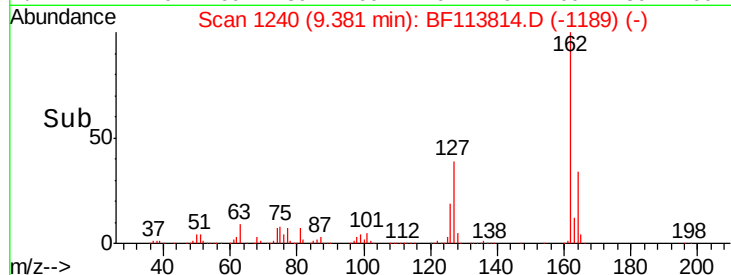
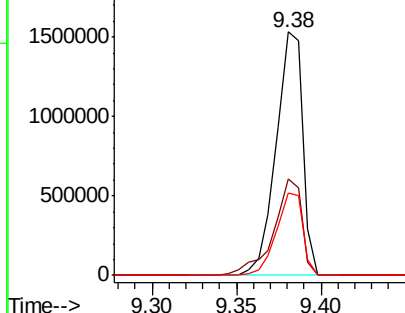
#47
 2-Chloronaphthalene
 Concen: 72.922 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1680606
 Ion Ratio Lower Upper
 162 100
 127 39.4 29.3 43.9
 164 34.0 27.1 40.7

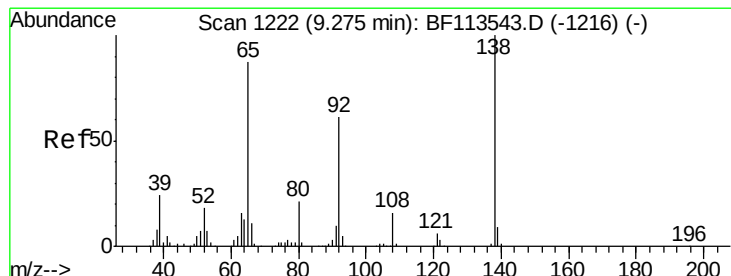


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

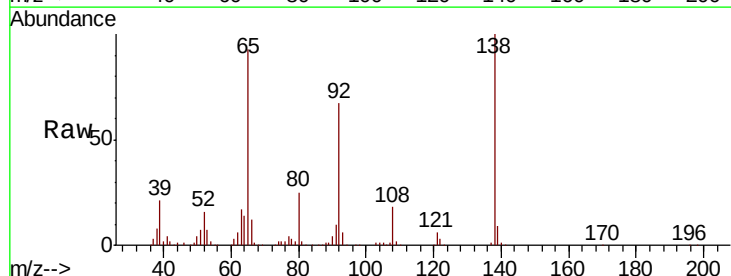
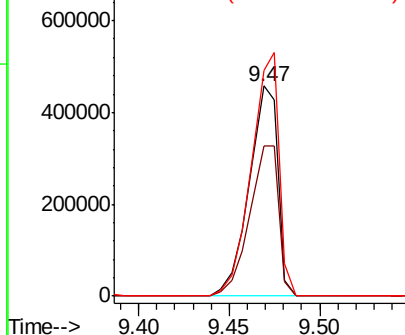


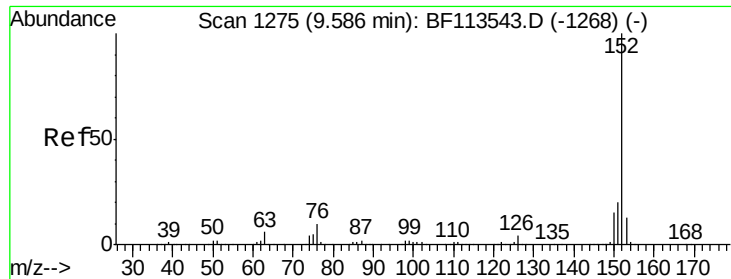
#48
 2-Nitroaniline
 Concen: 71.359 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Tgt Ion: 65 Resp: 503226
 Ion Ratio Lower Upper
 65 100
 92 71.8 57.4 86.0
 138 107.5 85.4 128.0



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





#49

Acenaphthylene

Concen: 68.563 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Instrument :

BNA_F

ClientSampleId :

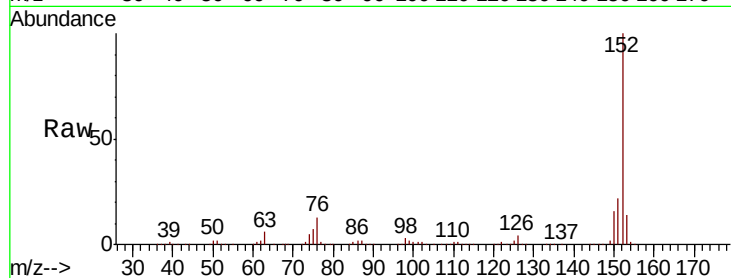
Tot Ion:152 Resp: 2569474

Ion Ratio Lower Upper

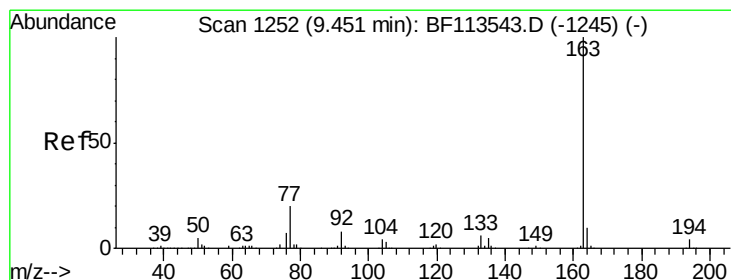
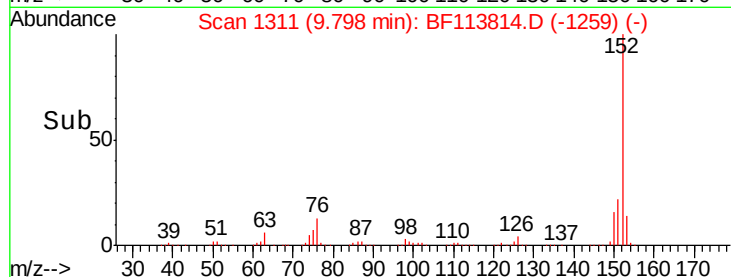
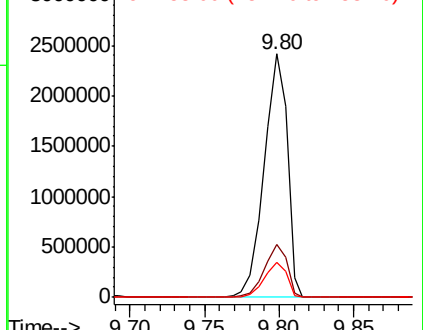
152 100

151 21.9 17.0 25.4

153 14.4 11.0 16.6



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



#50

Dimethylphthalate

Concen: 69.572 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

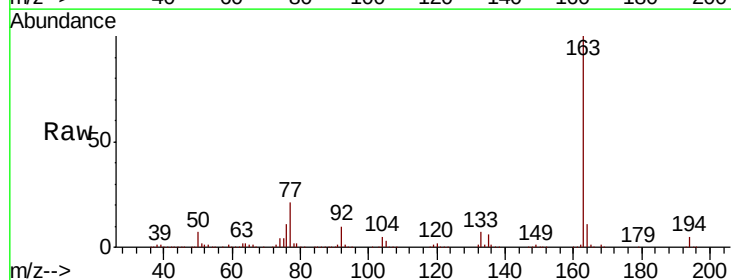
Tgt Ion:163 Resp: 1891719

Ion Ratio Lower Upper

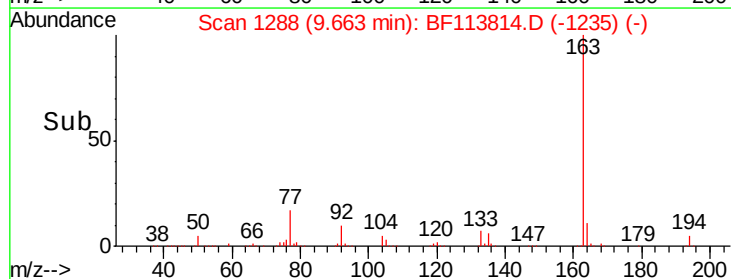
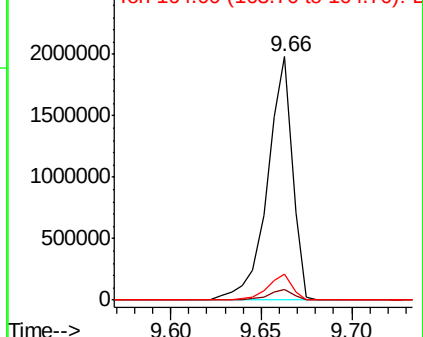
163 100

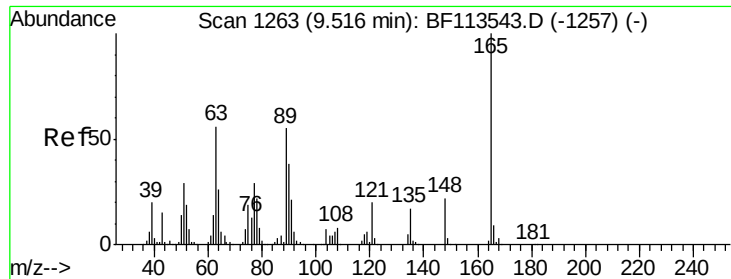
194 4.6 3.4 5.2

164 10.9 8.5 12.7



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





#51

2,6-Dinitrotoluene

Concen: 76.472 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Instrument :

BNA_F

ClientSampleId :

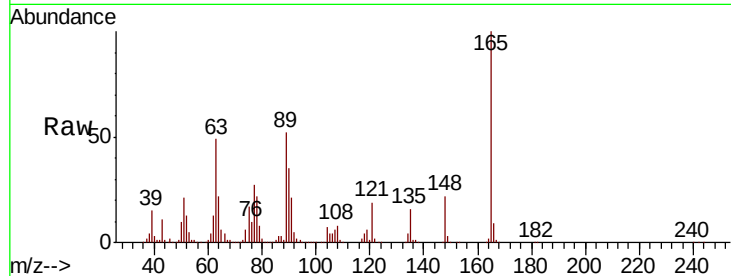
Tot Ion:165 Resp: 458346

Ion Ratio Lower Upper

165 100

63 48.8 33.8 50.8

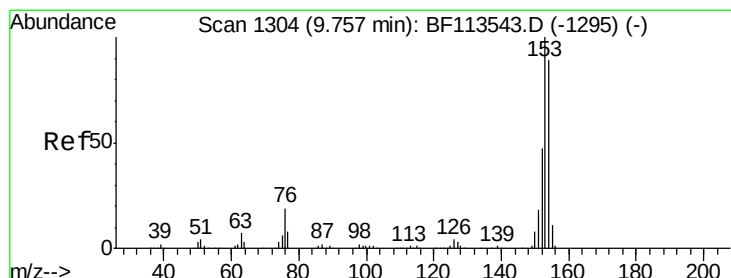
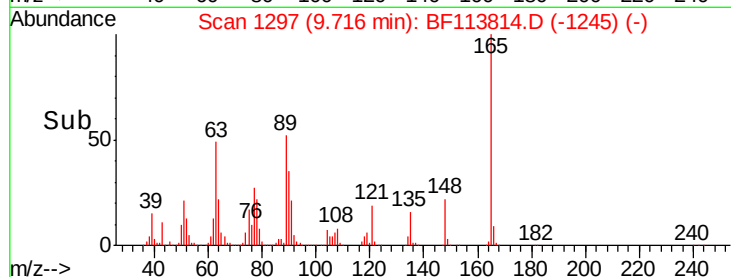
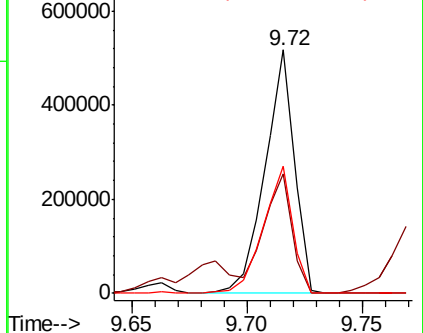
89 52.4 38.2 57.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 71.466 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

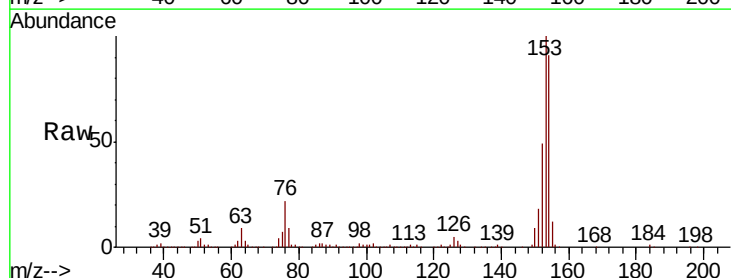
Tgt Ion:154 Resp: 1533116

Ion Ratio Lower Upper

154 100

153 110.0 87.2 130.8

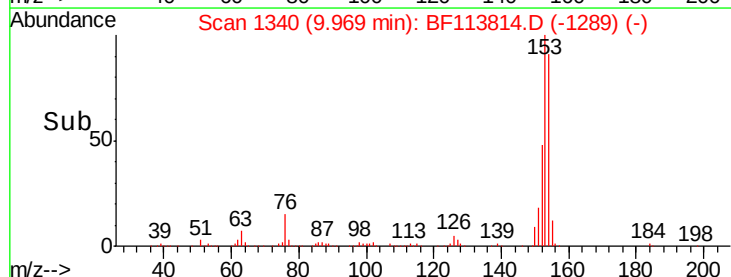
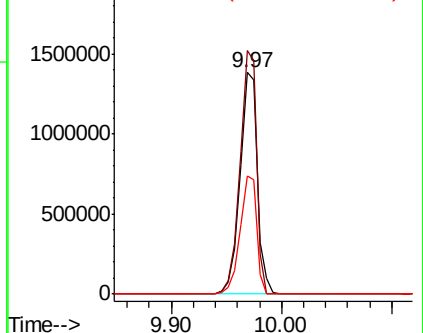
152 53.4 42.3 63.5

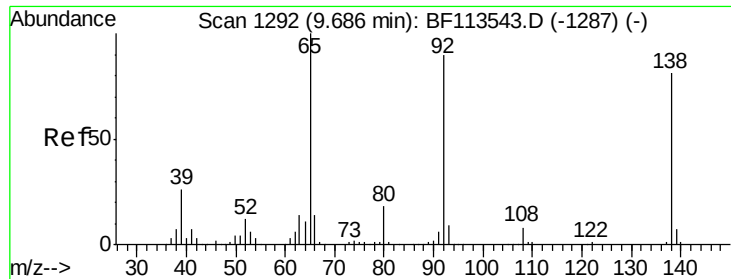


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

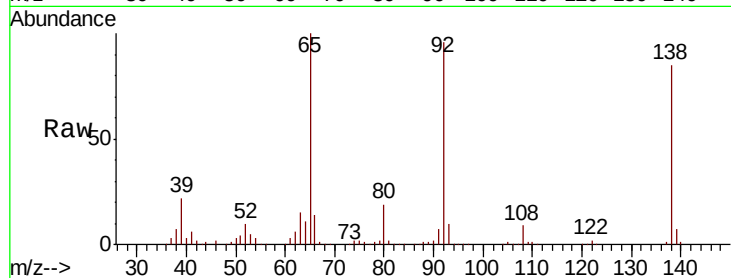




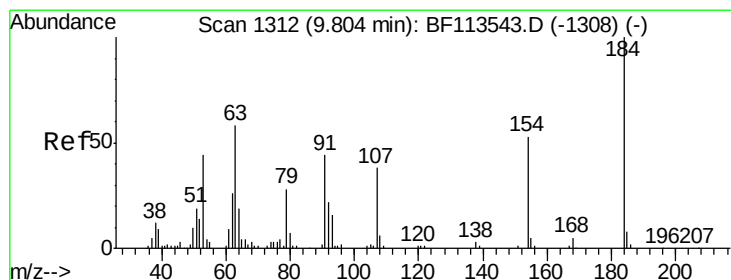
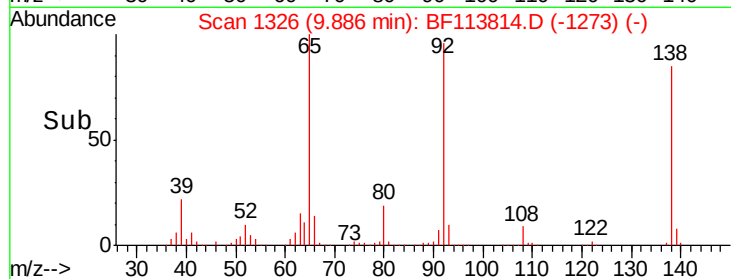
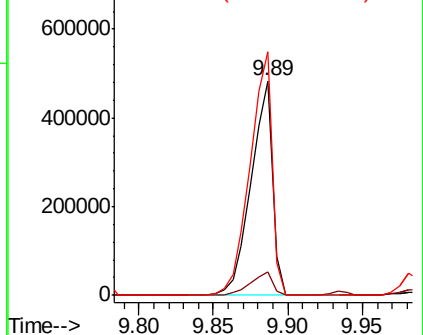
#53
3-Nitroaniline
Concen: 70.362 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 479479
Ion Ratio Lower Upper
138 100
108 10.7 9.4 14.2
92 113.6 94.1 141.1

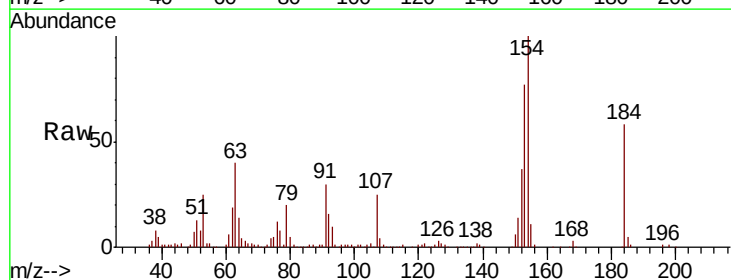


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

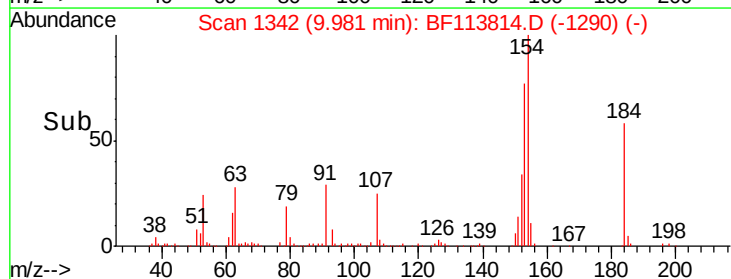
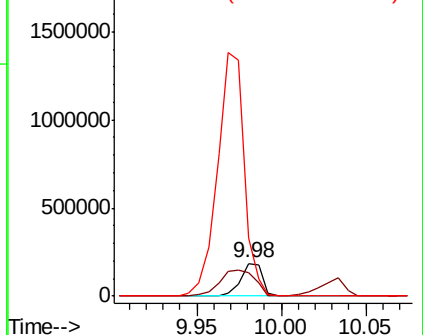


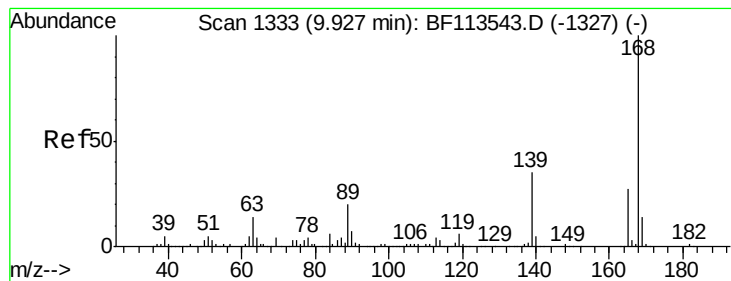
#54
2,4-Dinitrophenol
Concen: 60.711 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Tgt Ion:184 Resp: 170240
Ion Ratio Lower Upper
184 100
63 69.8 54.6 81.8
154 173.9 218.6 328.0#



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





#55

Dibenzofuran

Concen: 70.820 ng

RT: 10.15 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Instrument :

BNA_F

ClientSampleId :

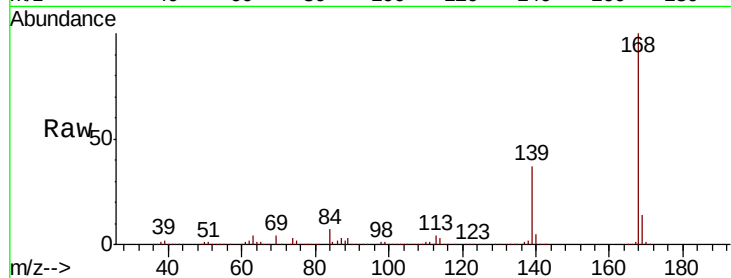
Tot Ion:168 Resp: 2228605

Ion Ratio Lower Upper

168 100

139 36.9 27.8 41.6

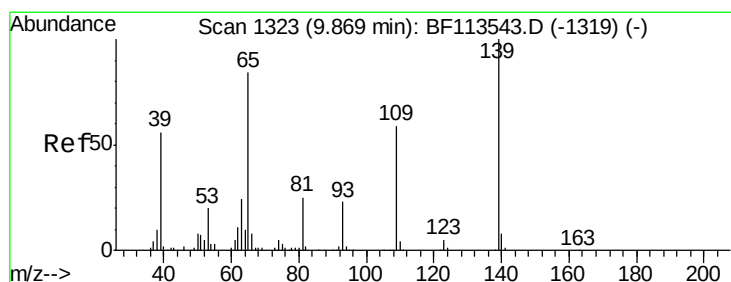
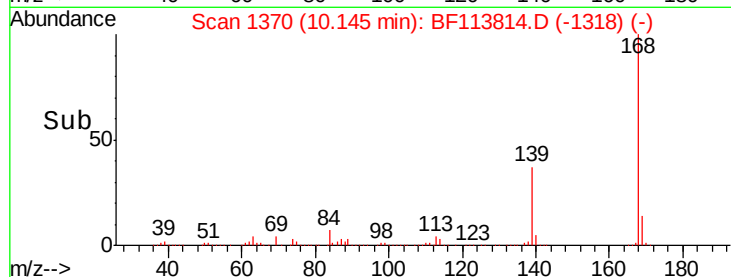
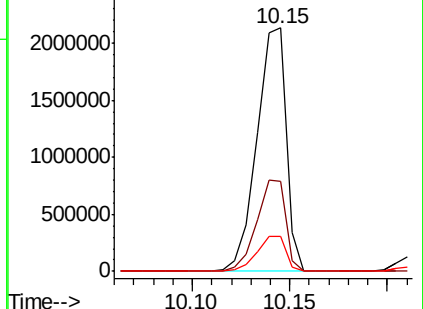
169 14.3 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 93.418 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

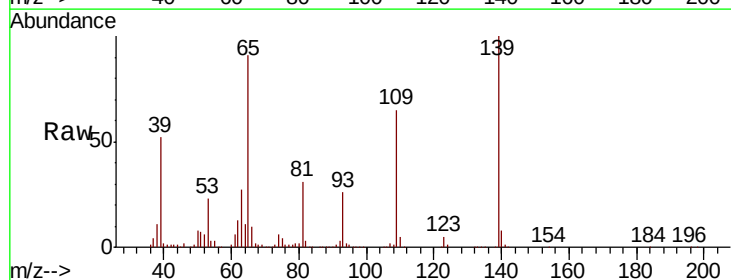
Tgt Ion:139 Resp: 394891

Ion Ratio Lower Upper

139 100

109 65.2 42.9 82.9

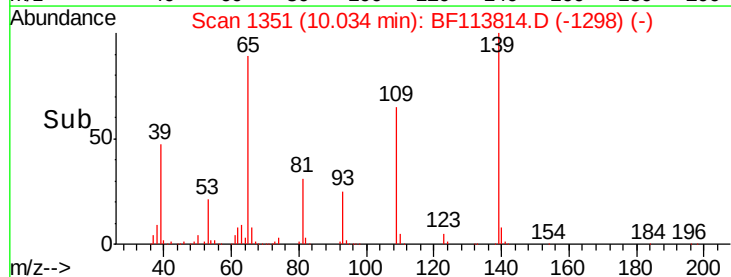
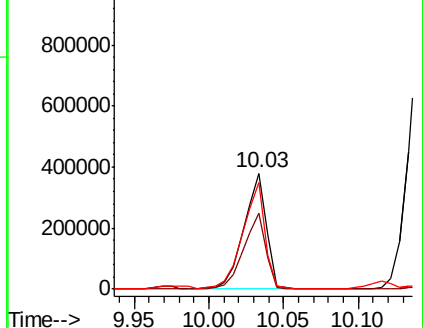
65 91.5 64.4 104.4

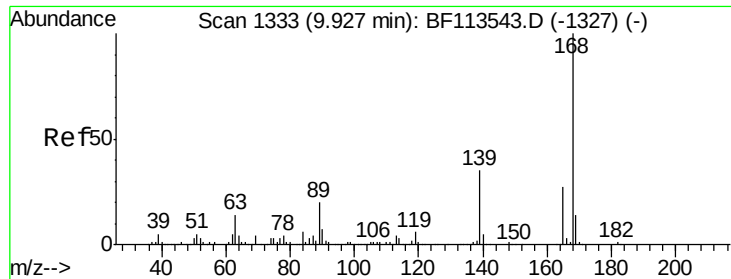


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

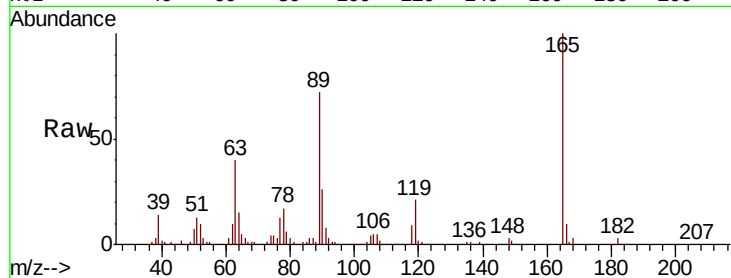




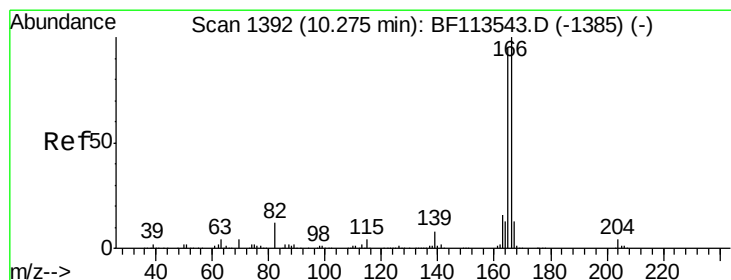
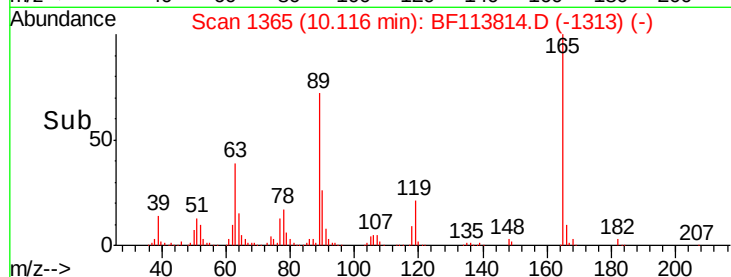
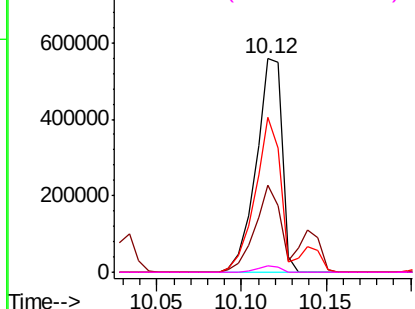
#57
2,4-Dinitrotoluene
Concen: 82.230 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 596076
Ion Ratio Lower Upper
165 100
63 40.5 27.4 41.0
89 72.4 51.8 77.6
182 2.9 2.2 3.2

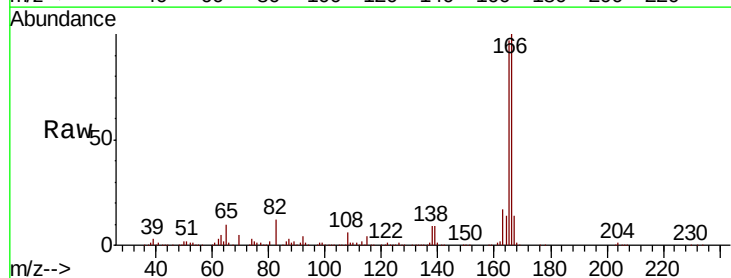


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

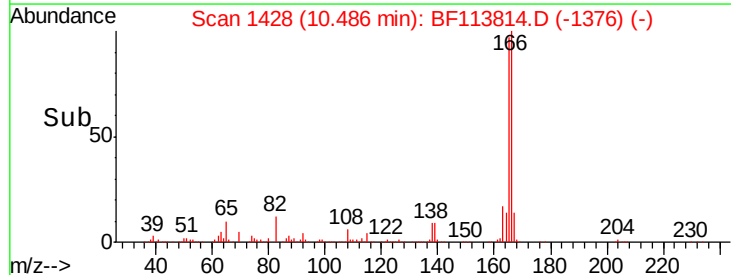
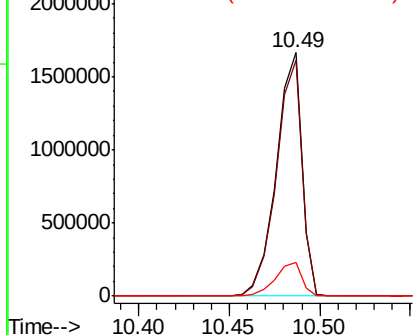


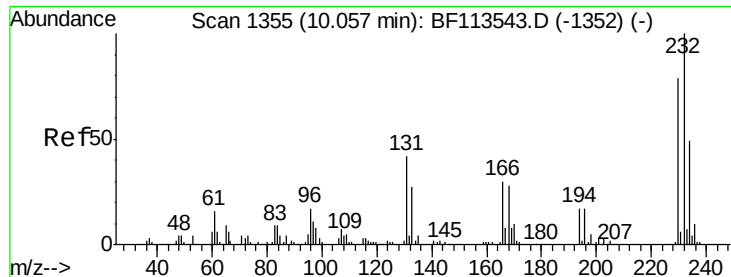
#58
Fluorene
Concen: 65.567 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Tgt Ion:166 Resp: 1631909
Ion Ratio Lower Upper
166 100
165 97.0 78.4 117.6
167 13.7 10.9 16.3



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

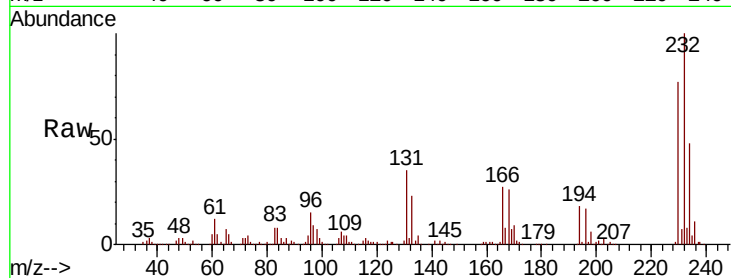




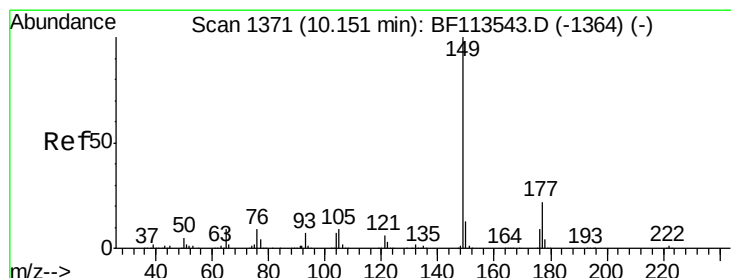
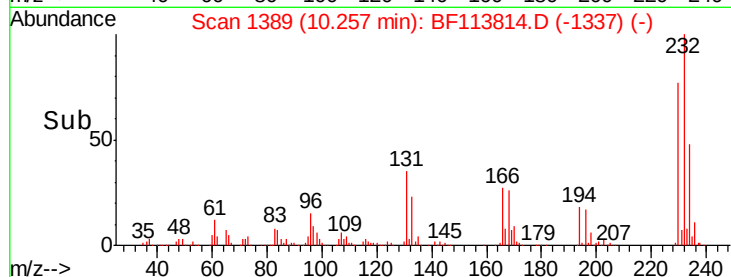
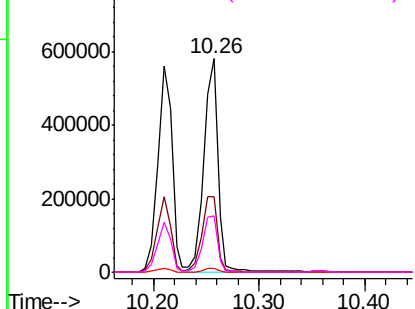
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 76.025 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	532011
Ion	Ratio	Lower	Upper
232	100		
131	38.9	30.2	45.2
130	1.8	1.5	2.3
166	28.2	22.2	33.4

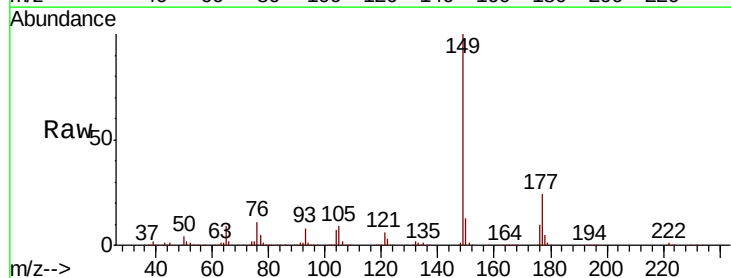


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

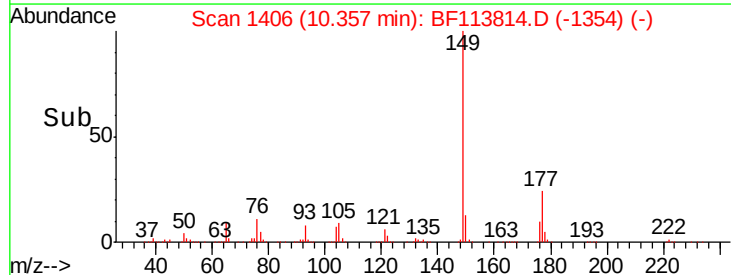
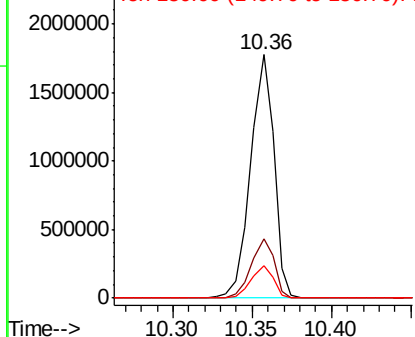


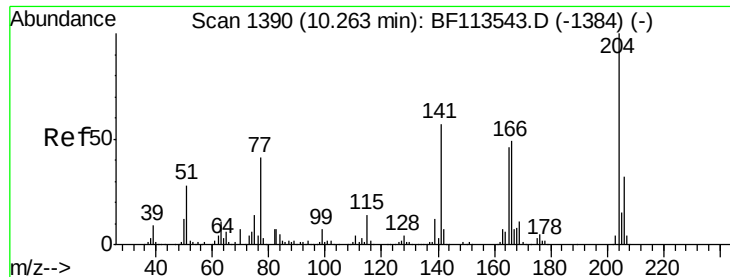
#60
 Diethylphthalate
 Concen: 69.468 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Tgt Ion:	149	Resp:	1821156
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.2	28.8
150	13.2	10.3	15.5



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

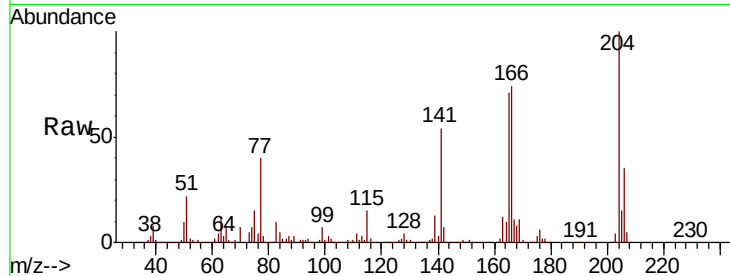




#61
 4-Chlorophenyl-phenylether
 Concen: 68.273 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.4	41.2
141	54.2	42.6	63.8

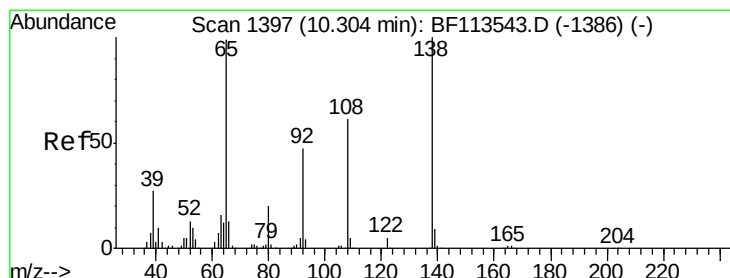
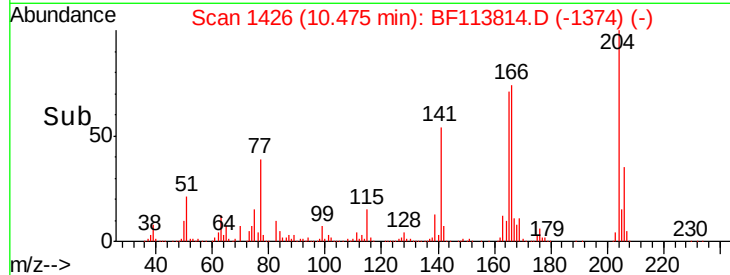
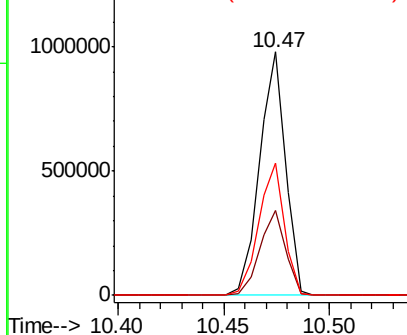


Abundance

Ion 204.00 (203.70 to 204.70): E

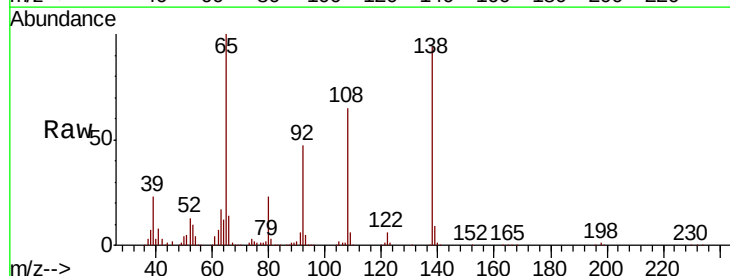
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 67.136 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.02 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	31.3	71.3
108	68.9	48.9	88.9

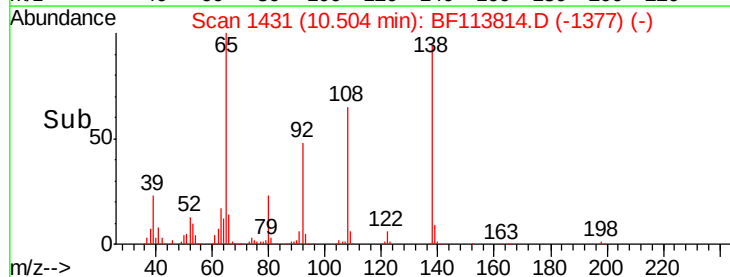
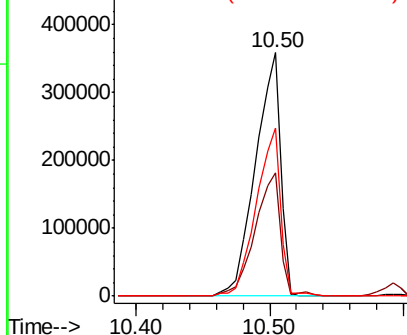


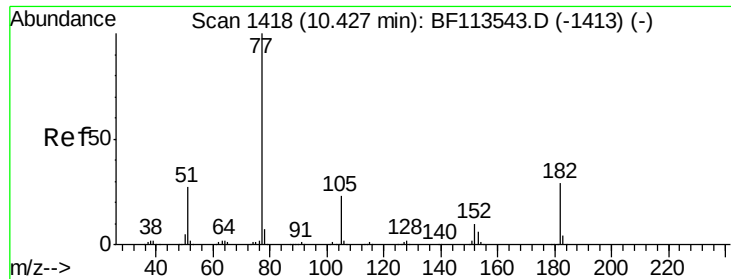
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 74.113 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1839656

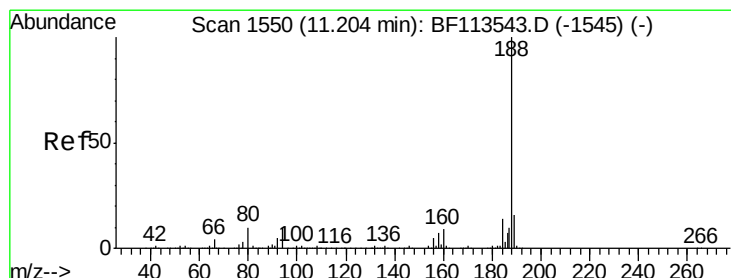
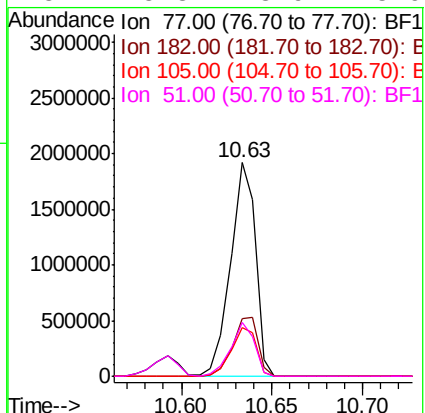
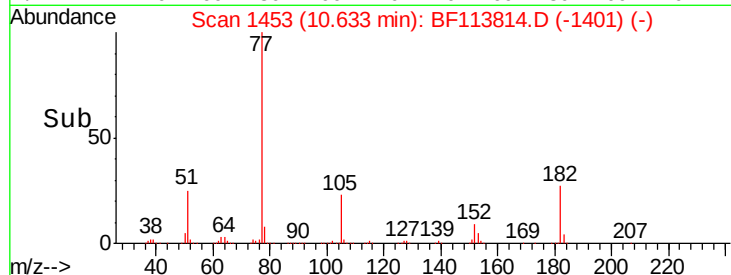
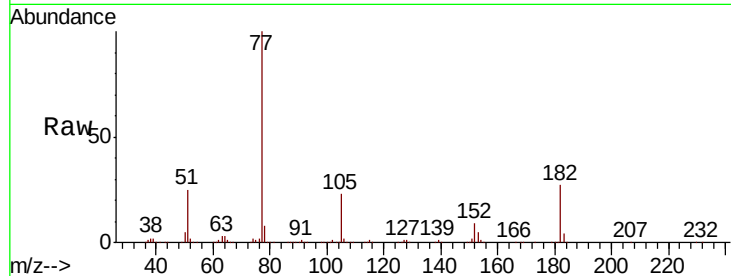
Ion	Ratio	Lower	Upper
77	100		
182	26.8	4.4	44.4
105	22.9	2.2	42.2
51	25.3	3.9	43.9

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

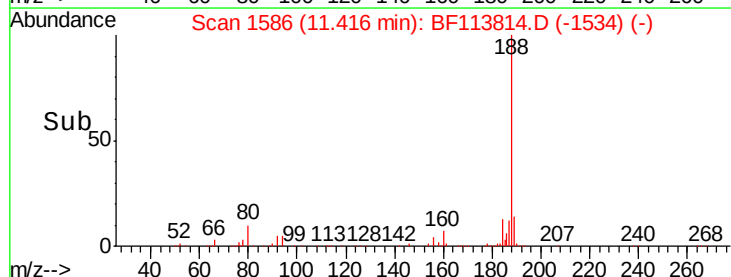
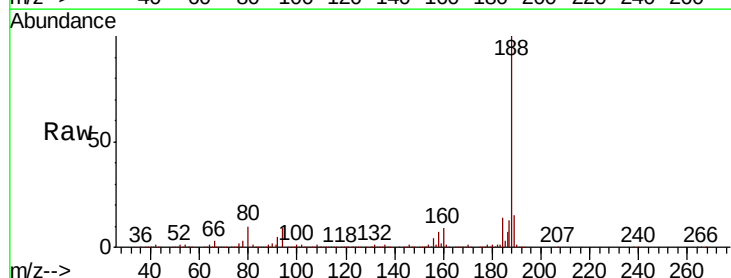
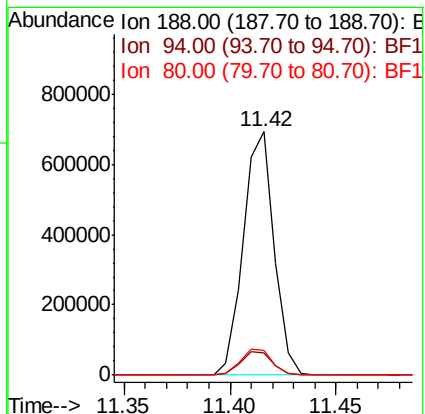
Delta R.T. 0.01 min

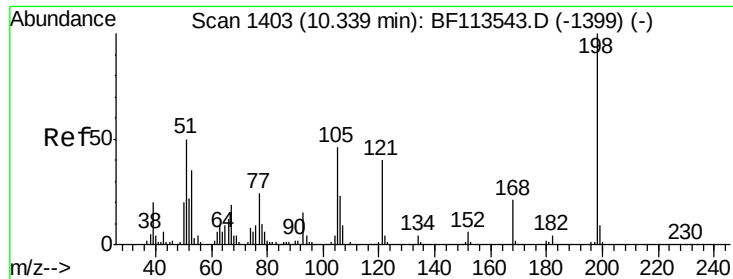
Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Tgt Ion: 188 Resp: 697725

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.4
80	10.1	9.0	13.6

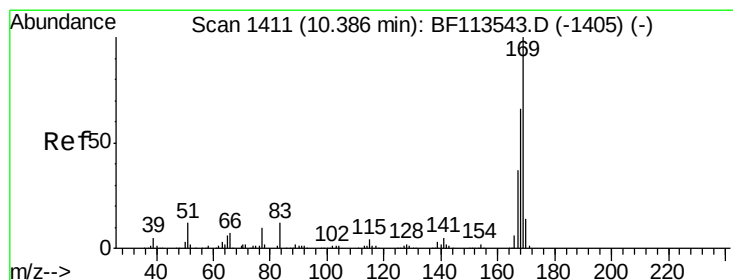
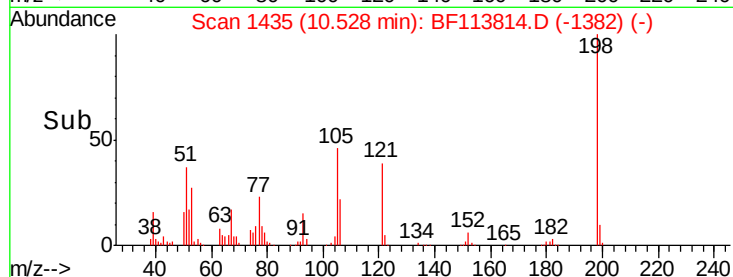
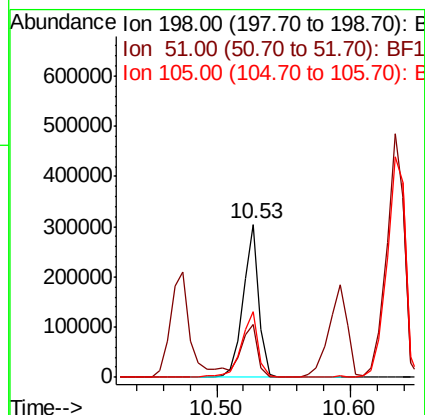
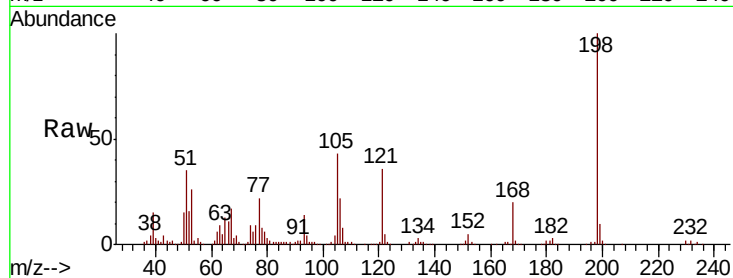




#65
 4,6-Dinitro-2-methylphenol
 Concen: 67.311 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

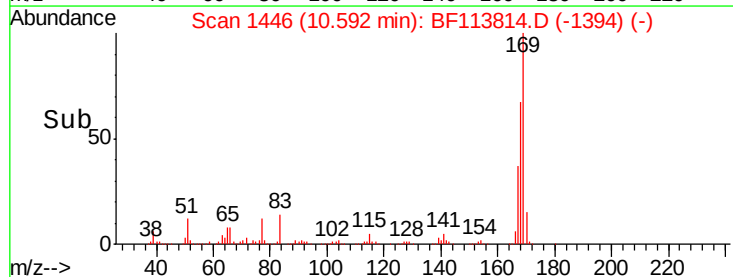
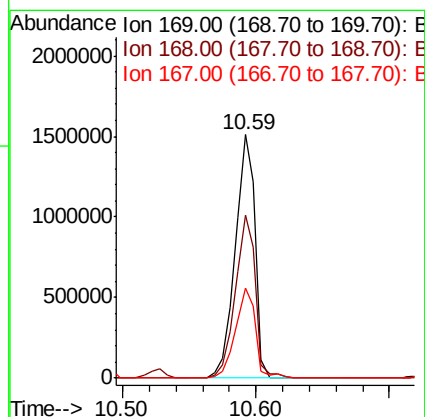
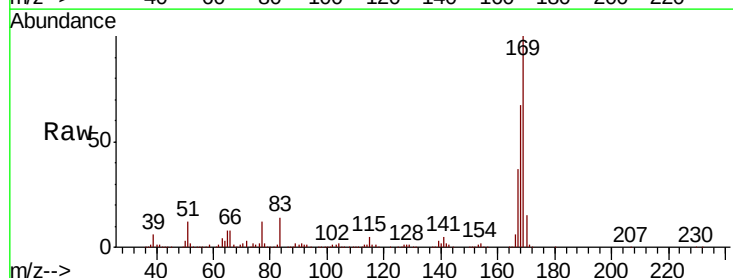
Instrument :
 BNA_F
 ClientSampleId :

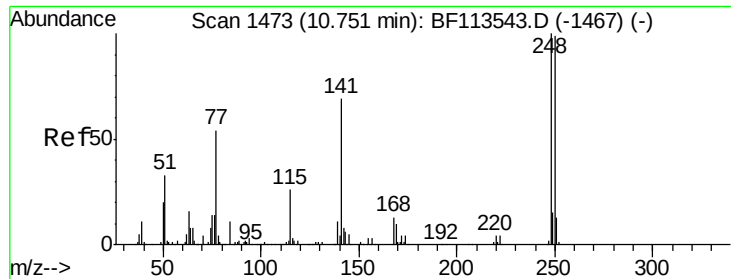
Tot Ion:198 Resp: 247248
 Ion Ratio Lower Upper
 198 100
 51 34.7 11.1 51.1
 105 43.0 20.7 60.7



#66
 n-Nitrosodiphenylamine
 Concen: 73.535 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.01 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Tgt Ion:169 Resp: 1575105
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.3 81.5
 167 37.2 29.4 44.0

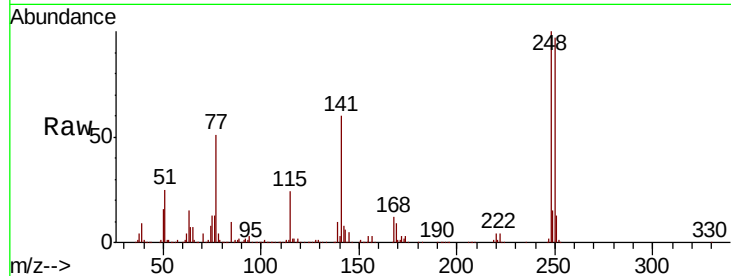




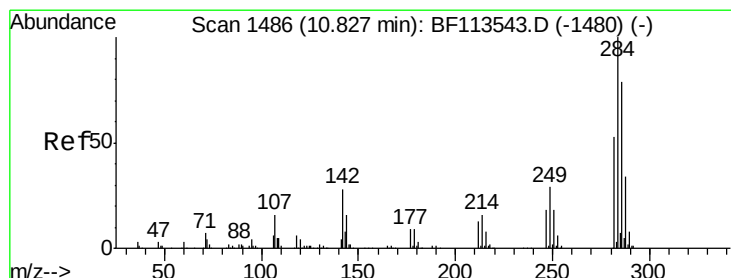
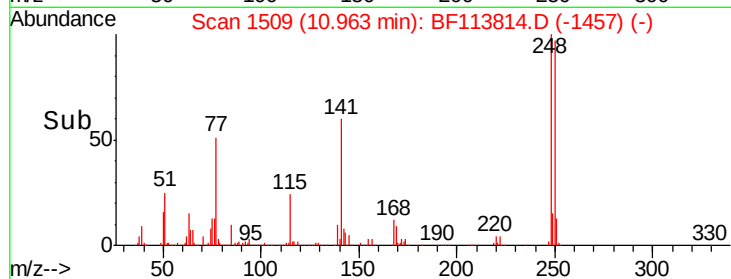
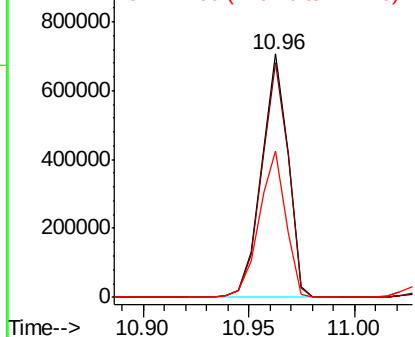
#67
4-Bromophenyl-phenylether
Concen: 78.808 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 616697
Ion Ratio Lower Upper
248 100
250 96.5 75.8 113.6
141 60.1 50.2 75.4

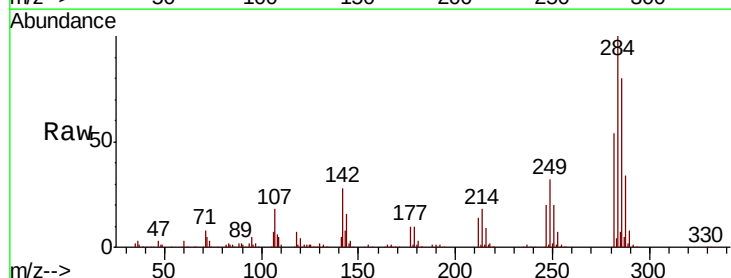


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

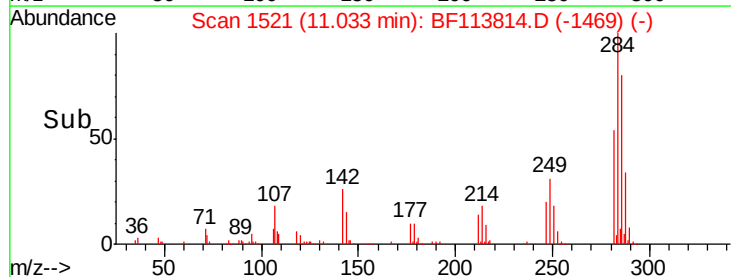
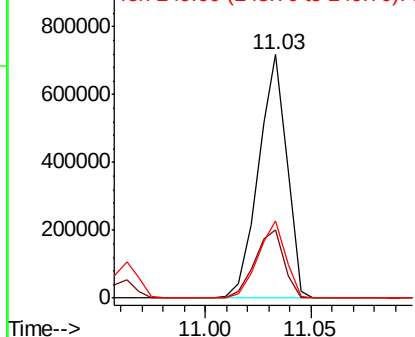


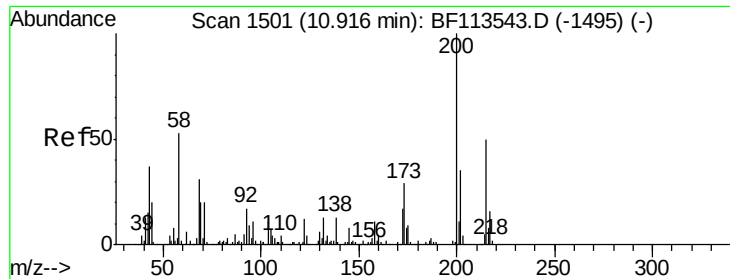
#68
Hexachlorobenzene
Concen: 74.619 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Tgt Ion:284 Resp: 669066
Ion Ratio Lower Upper
284 100
142 28.3 23.0 34.4
249 31.7 24.4 36.6



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

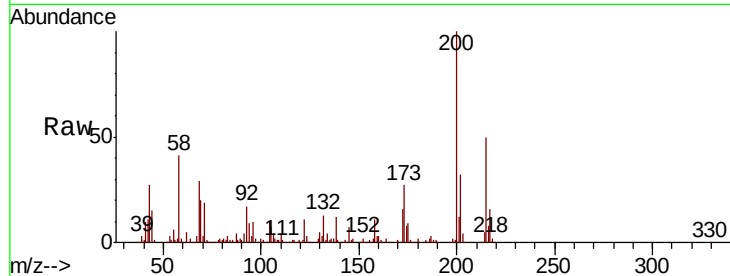




#69
Atrazine
Concen: 67.884 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	5.9	45.9
215	50.2	29.3	69.3

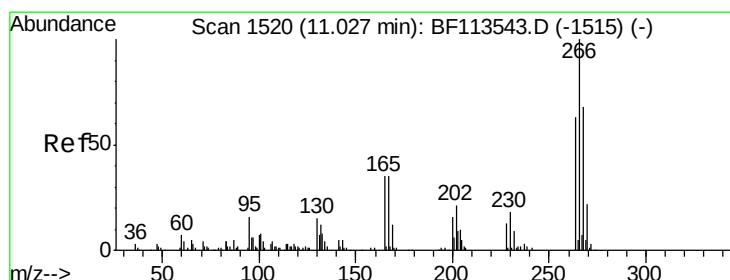
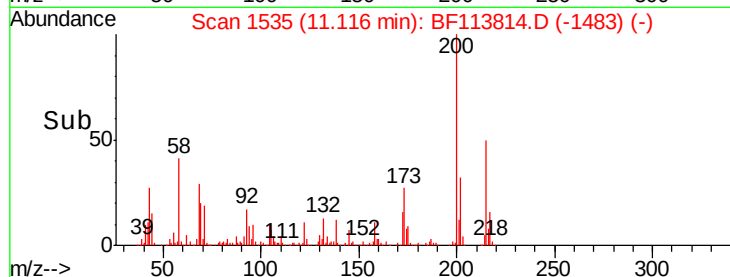
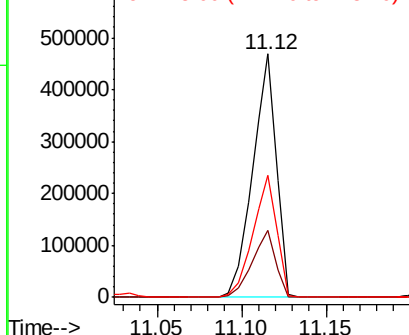


Abundance

Ion 200.00 (199.70 to 200.70): E

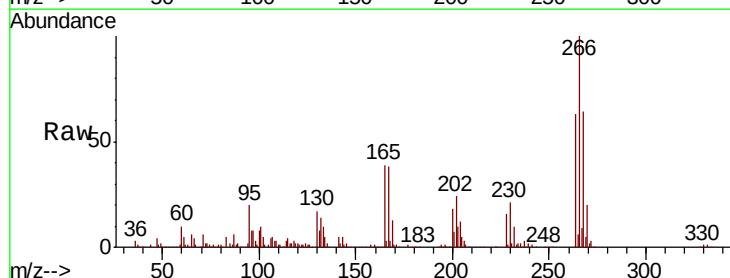
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 96.006 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	53.5	80.3
264	63.5	51.0	76.6

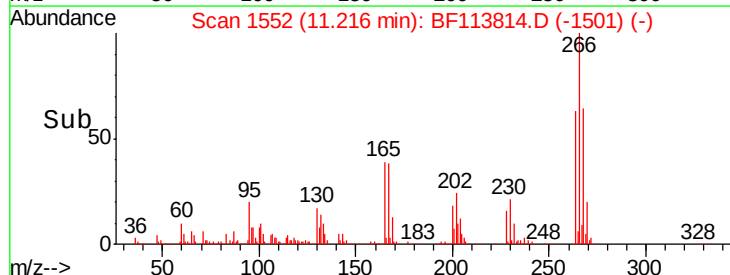
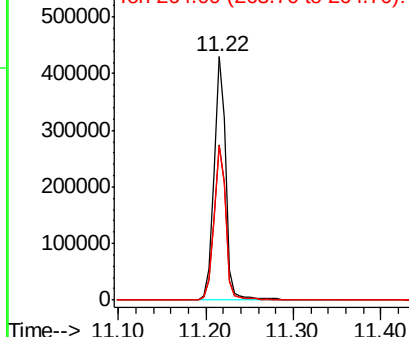


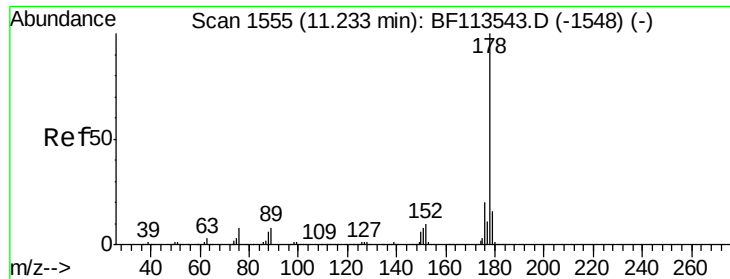
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

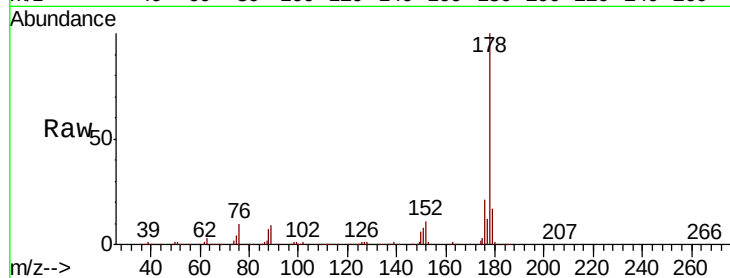




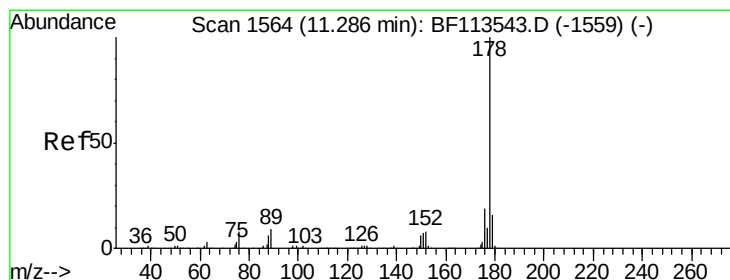
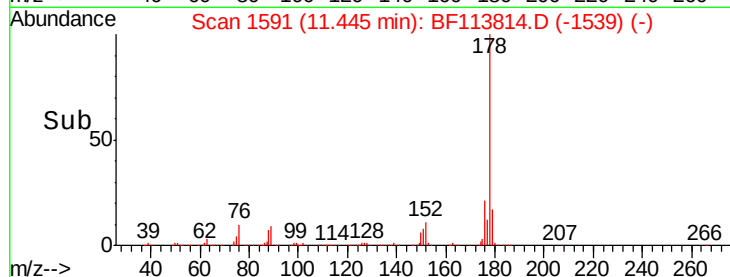
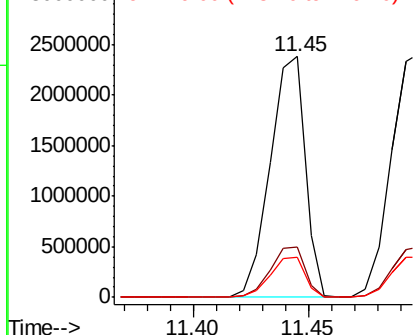
#71
Phenanthrene
Concen: 72.513 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 2514058
Ion Ratio Lower Upper
178 100
176 21.1 16.1 24.1
179 16.6 12.8 19.2

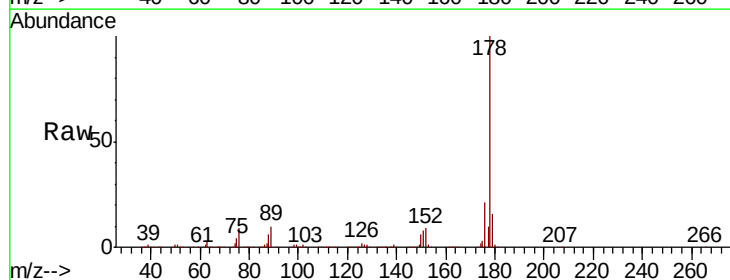


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

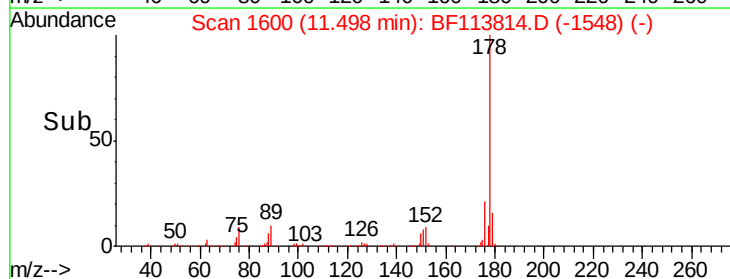
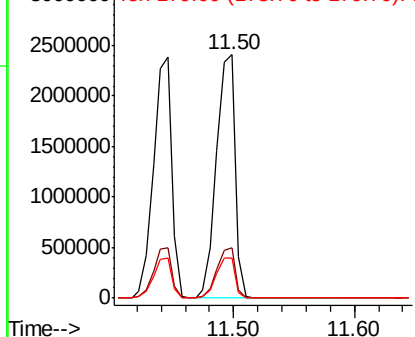


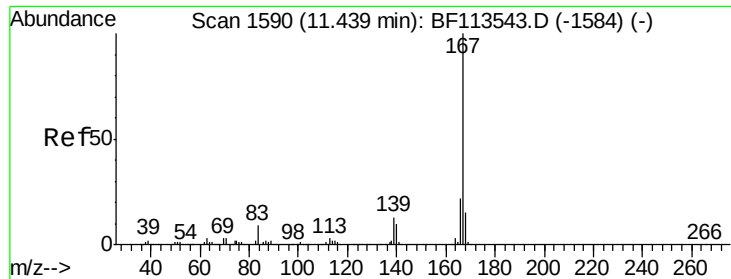
#72
Anthracene
Concen: 72.236 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Tgt Ion:178 Resp: 2548077
Ion Ratio Lower Upper
178 100
176 20.6 15.7 23.5
179 16.5 13.0 19.4



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



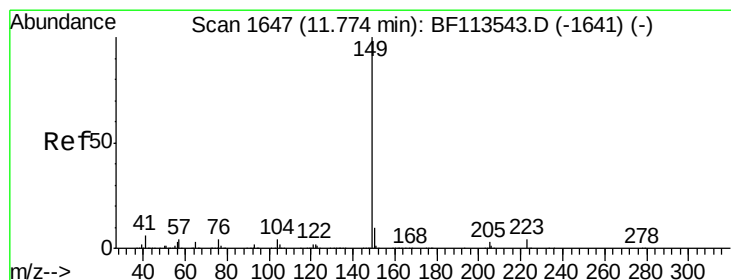
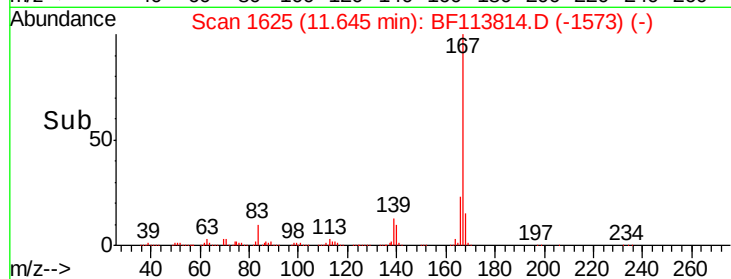
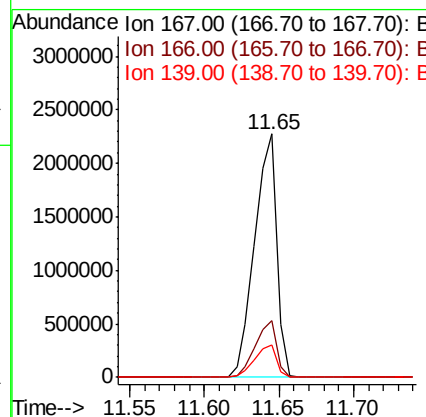
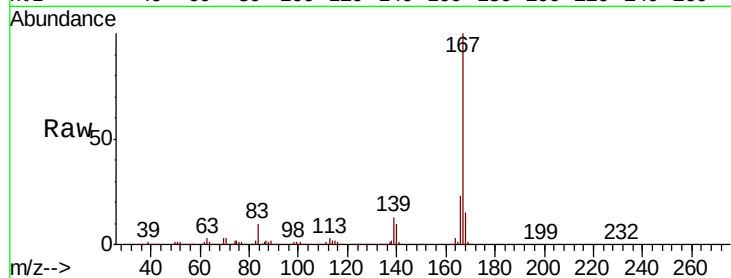


#73
 Carbazole
 Concen: 70.259 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2317979

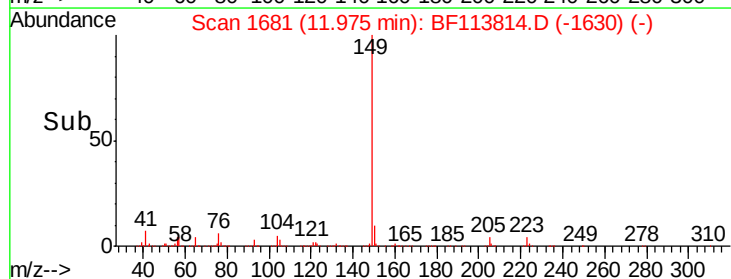
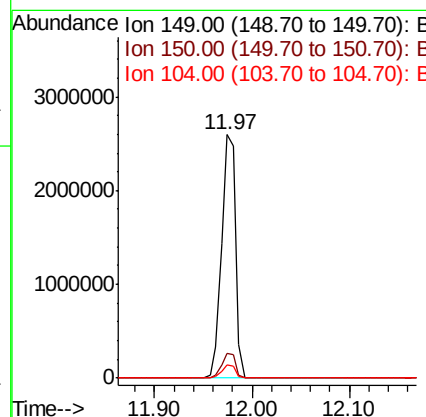
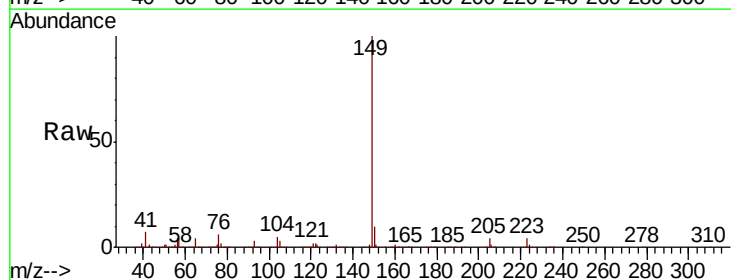
Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.7	26.5
139	13.3	10.0	15.0

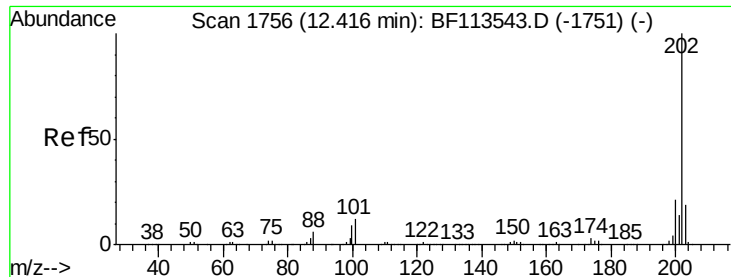


#74
 Di-n-butylphthalate
 Concen: 65.344 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Tgt Ion:149 Resp: 2564523

Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.8
104	5.5	3.8	5.8



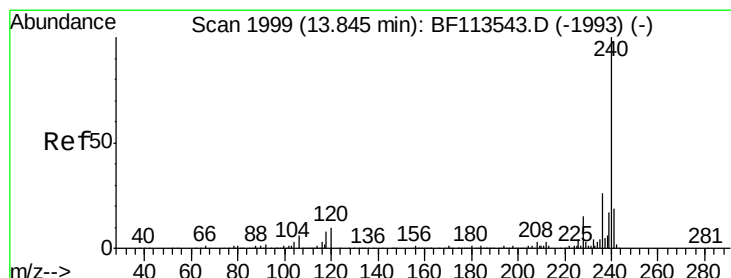
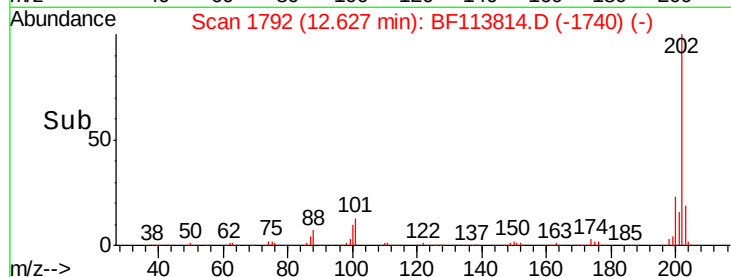
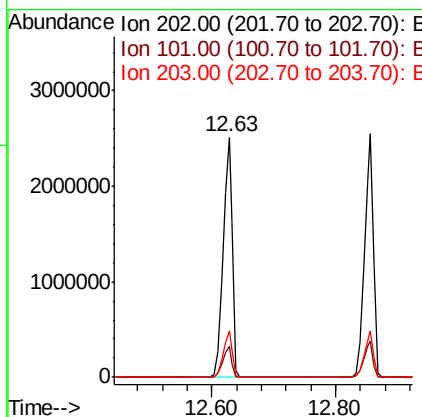
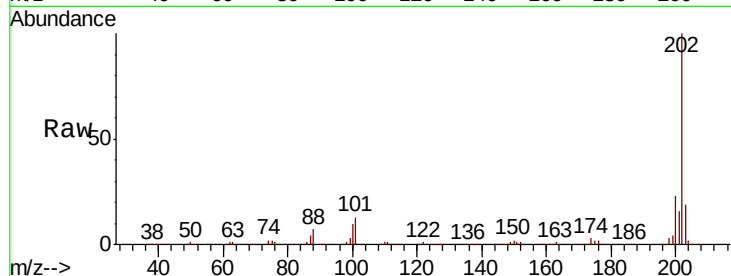


#75
 Fluoranthene
 Concen: 71.109 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2641848

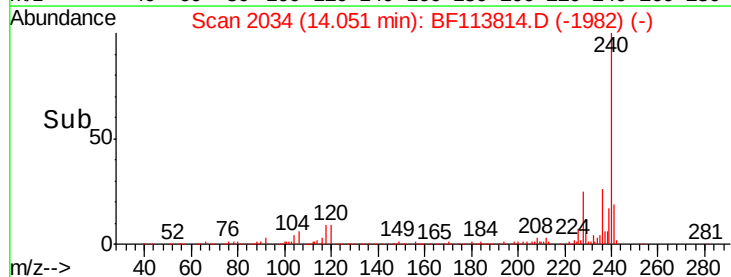
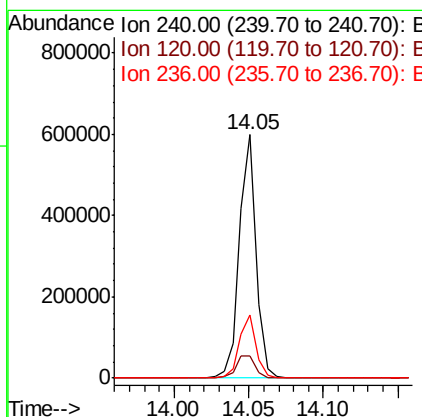
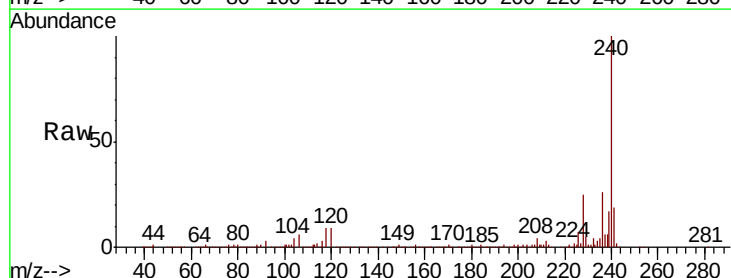
Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.9
203	19.3	0.0	38.2

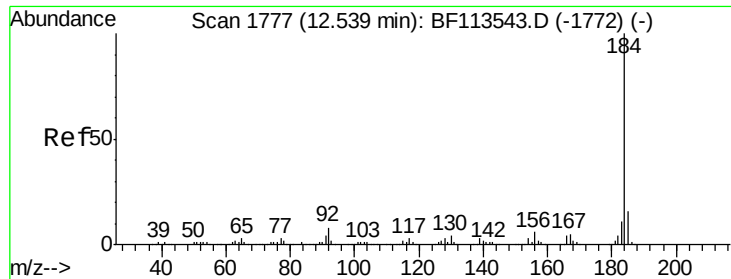


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF113814.D
 Acq: 18 Apr 2019 10:29

Tgt Ion:240 Resp: 470255

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.3	13.9#
236	26.0	21.2	31.8

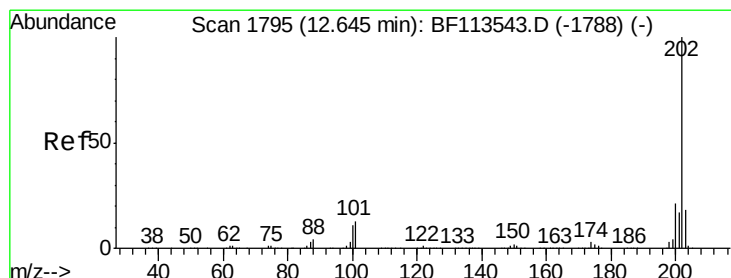
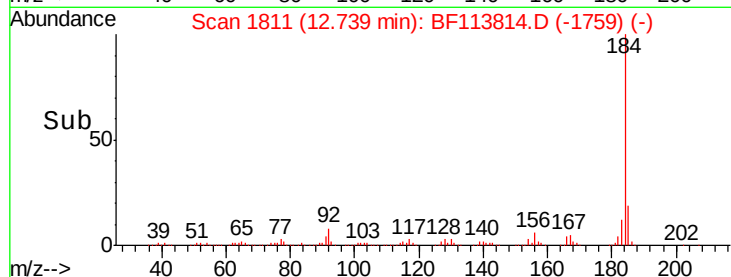
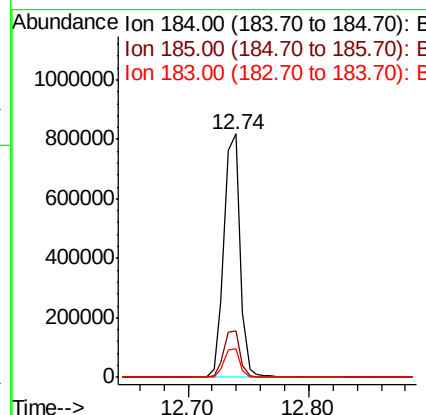
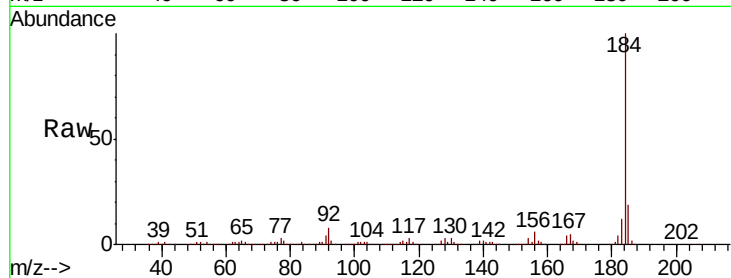




#77
Benzidine
Concen: 43.115 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

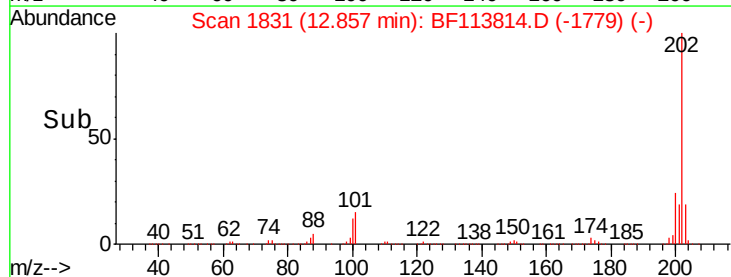
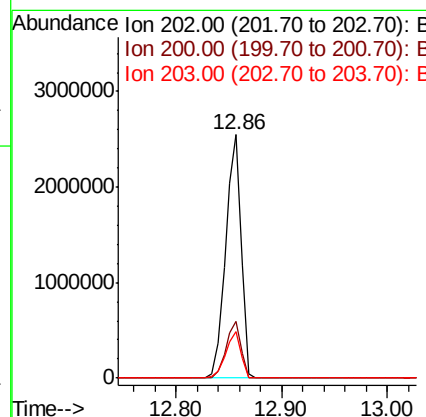
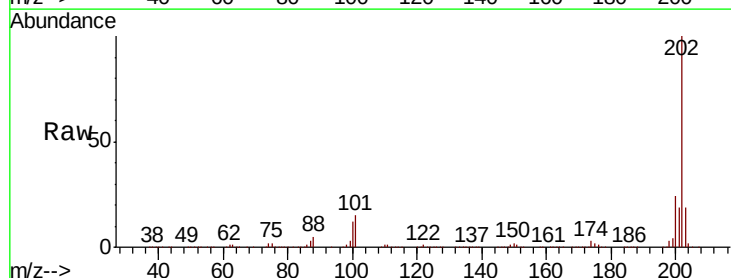
Instrument :
BNA_F
ClientSampleId :

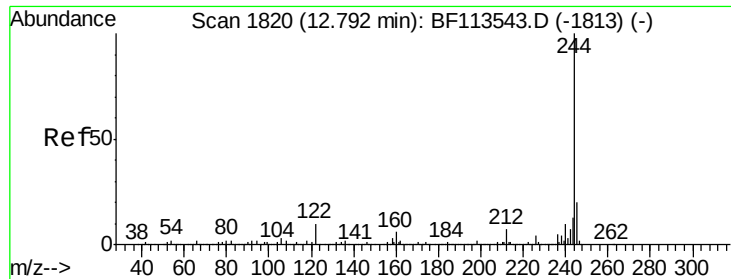
Tot Ion:184 Resp: 753962
Ion Ratio Lower Upper
184 100
185 19.0 13.0 19.6
183 11.8 9.4 14.0



#78
Pyrene
Concen: 73.149 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Tgt Ion:202 Resp: 2617373
Ion Ratio Lower Upper
202 100
200 23.5 17.7 26.5
203 19.2 15.0 22.6





#79

Terphenyl-d14

Concen: 142.601 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Instrument :

BNA_F

ClientSampleId :

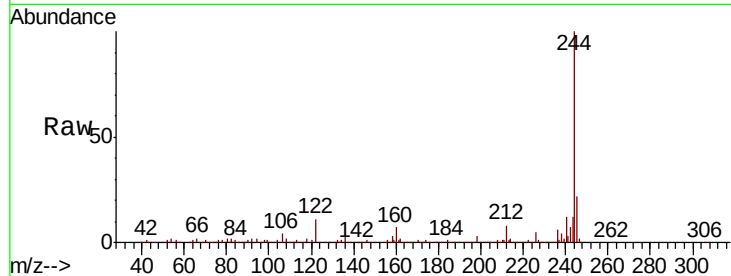
Tot Ion:244 Resp: 3293630

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.2

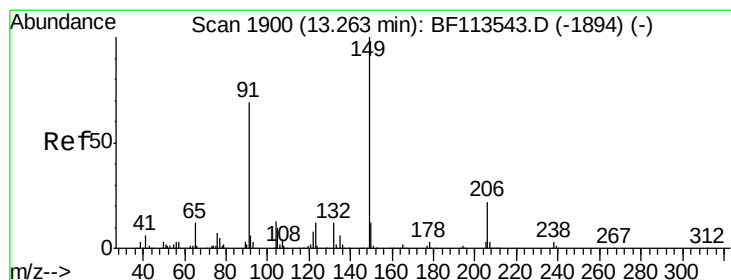
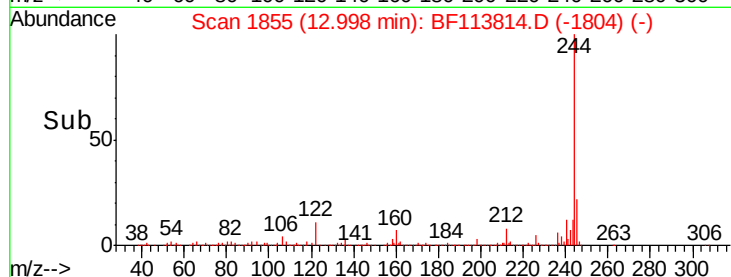
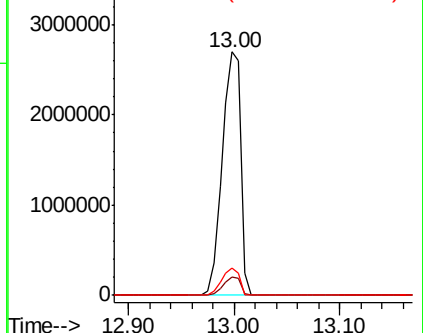
122 11.4 7.6 11.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 69.683 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

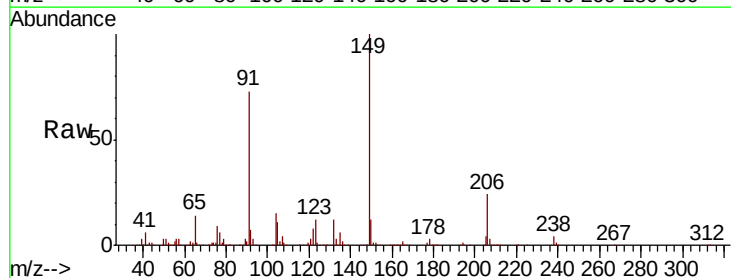
Tgt Ion:149 Resp: 1014938

Ion Ratio Lower Upper

149 100

91 73.2 56.3 84.5

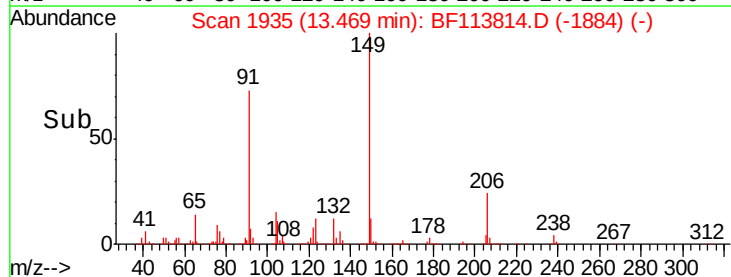
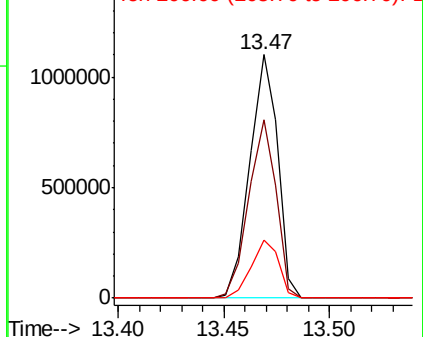
206 23.6 19.0 28.6

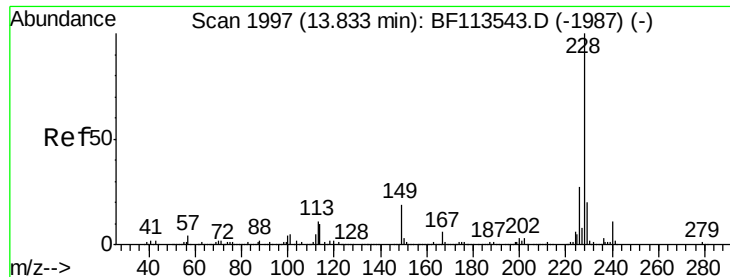


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 75.118 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Instrument :

BNA_F

ClientSampleId :

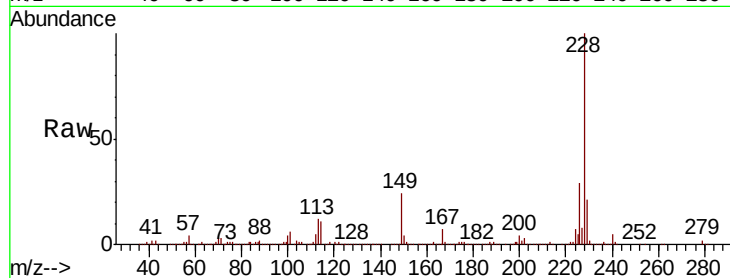
Tot Ion:228 Resp: 2037710

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.2	33.2
229	20.8	16.0	24.0

228 100

226 28.6 22.2 33.2

229 20.8 16.0 24.0

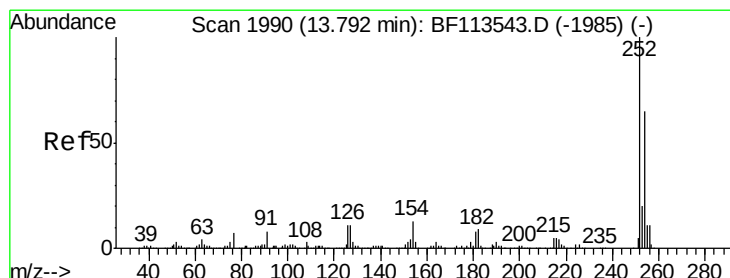
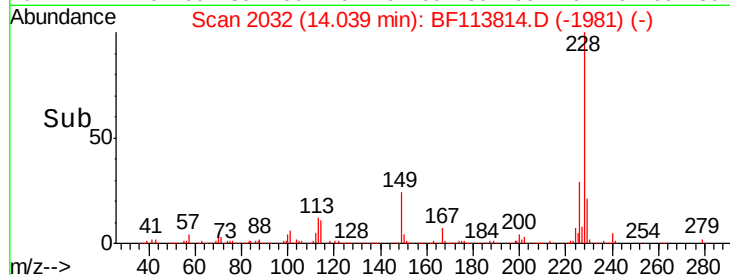
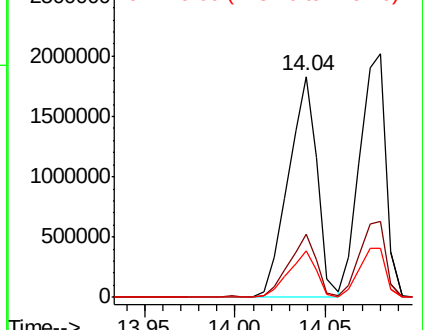


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 64.301 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

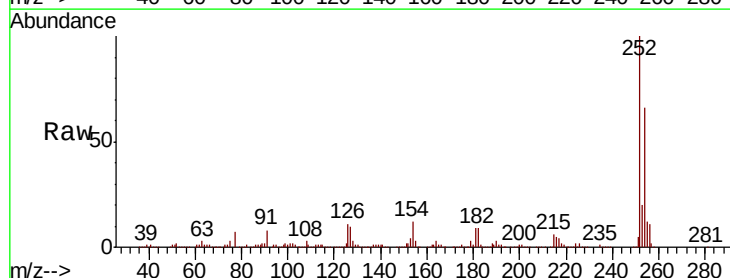
Tgt Ion:252 Resp: 671838

Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.1	78.1
126	10.6	9.3	13.9

252 100

254 66.0 52.1 78.1

126 10.6 9.3 13.9

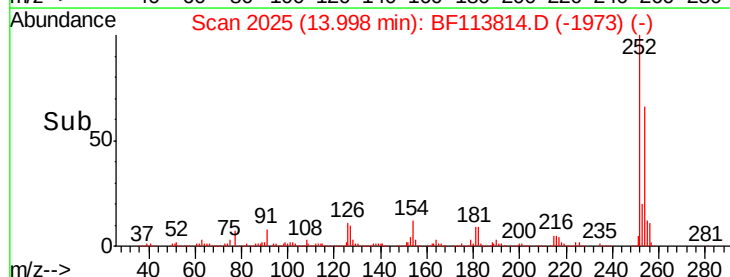
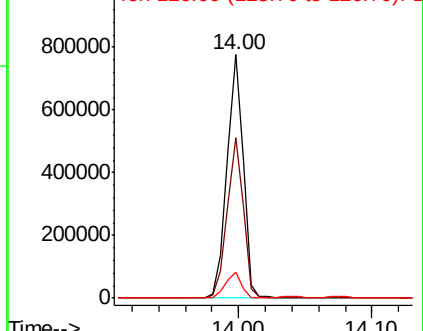


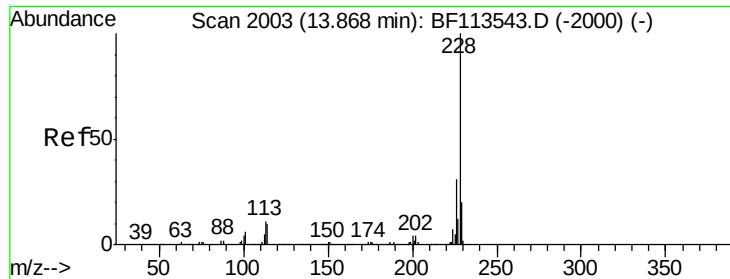
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 74.078 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Instrument :

BNA_F

ClientSampled :

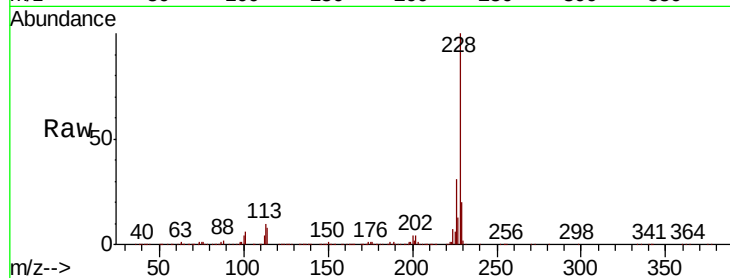
Tot Ion:228 Resp: 2037077

Ion Ratio Lower Upper

228 100

226 31.2 25.2 37.8

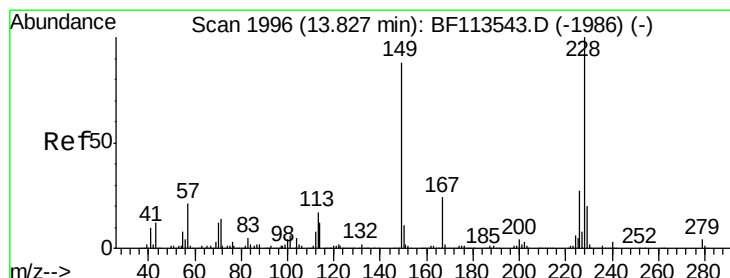
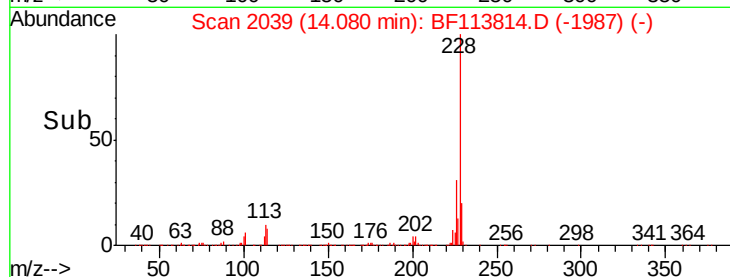
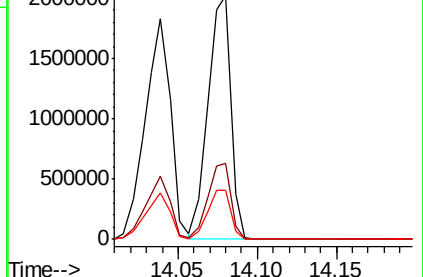
229 20.4 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.593 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

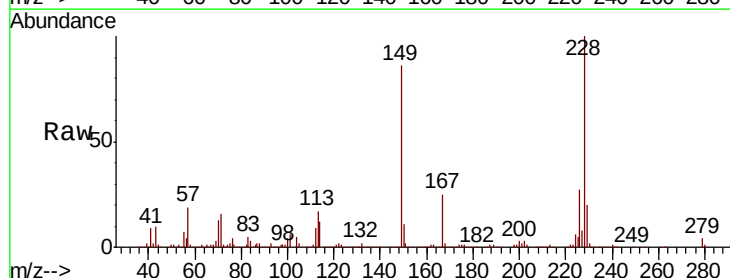
Tgt Ion:149 Resp: 1119871

Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

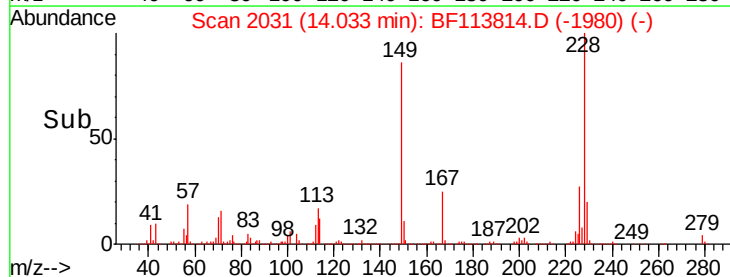
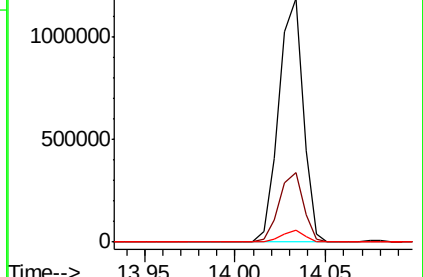
279 5.1 4.2 6.2

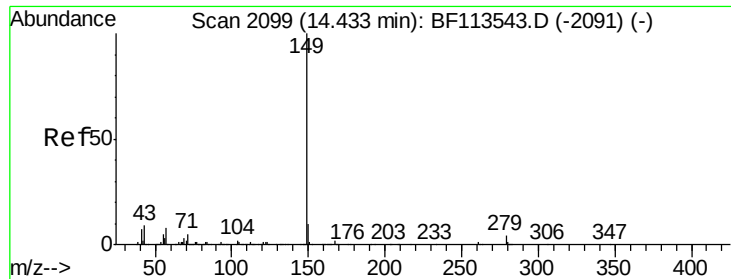


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 60.282 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Instrument :

BNA_F

ClientSampleId :

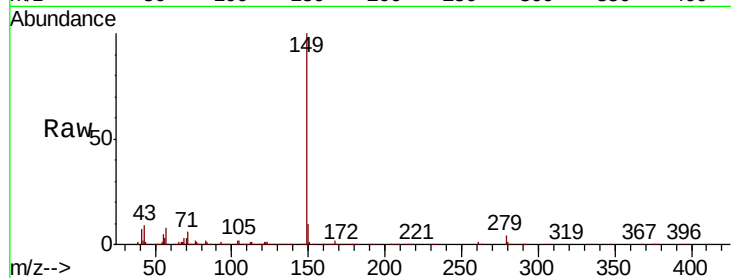
Tot Ion:149 Resp: 1725554

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

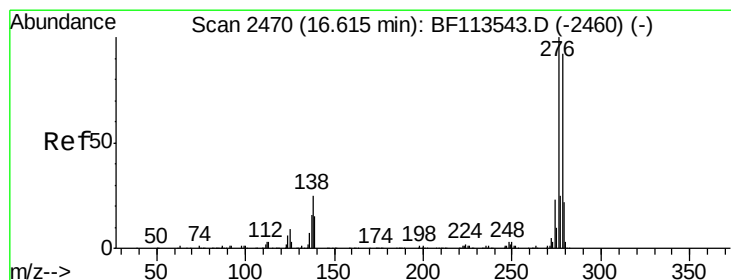
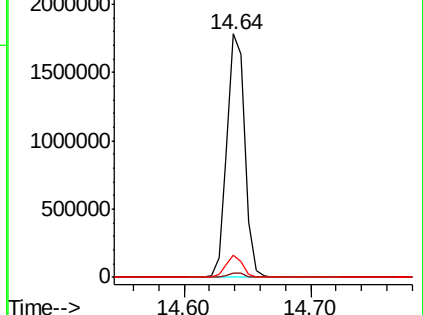
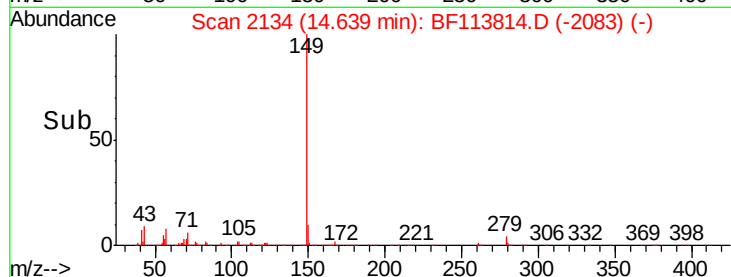
43 8.7 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 82.505 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

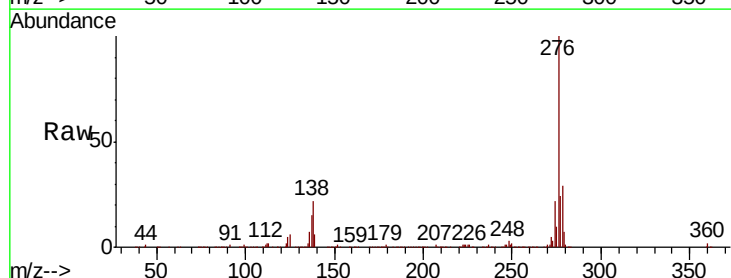
Tgt Ion:276 Resp: 2094737

Ion Ratio Lower Upper

276 100

138 24.0 19.6 29.4

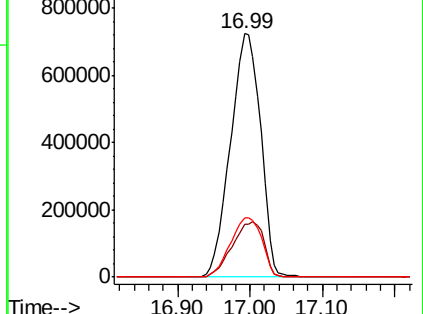
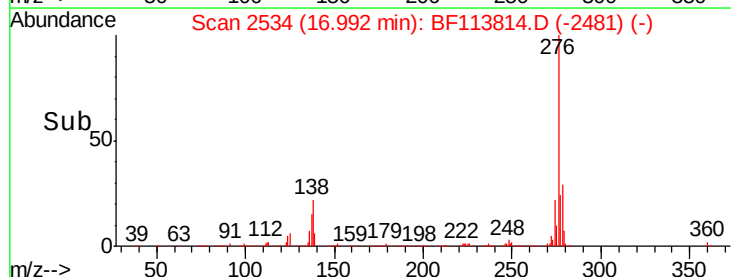
277 25.4 20.2 30.4

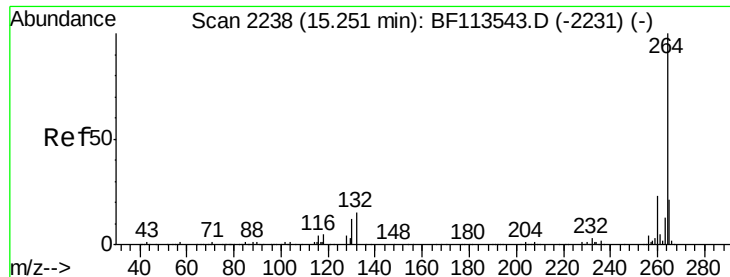


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Instrument :

BNA_F

ClientSampleId :

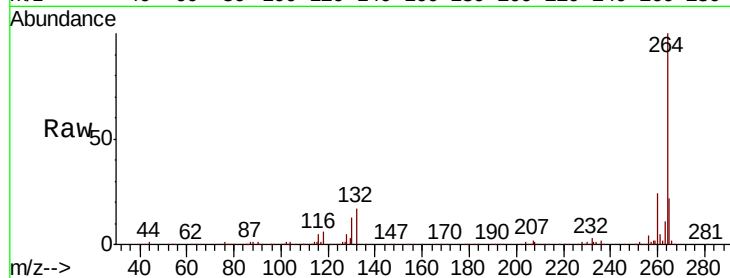
Tot Ion:264 Resp: 390965

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

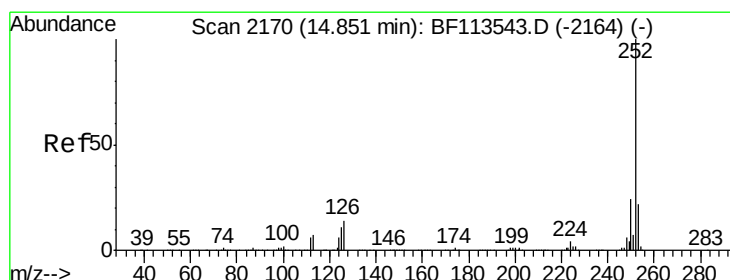
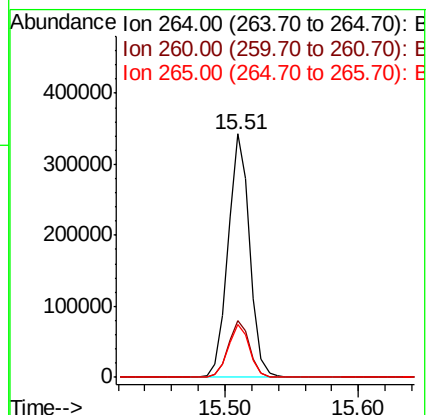
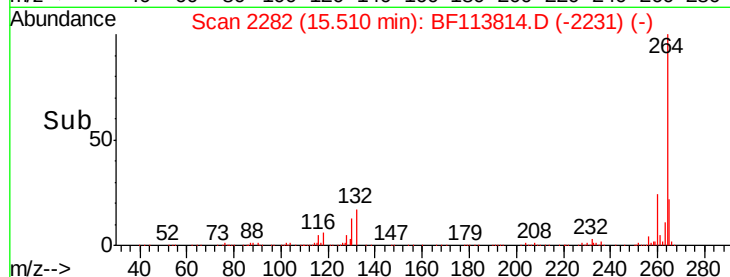
265 21.8 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 79.173 ng

RT: 15.09 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

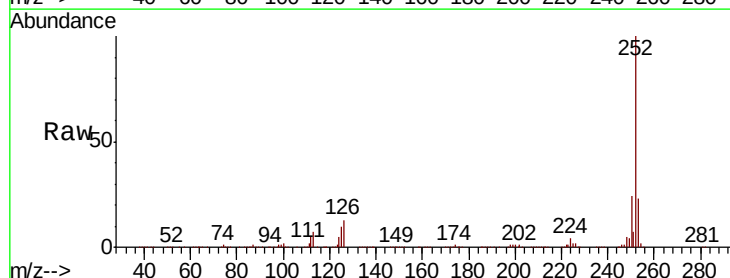
Tgt Ion:252 Resp: 1894771

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

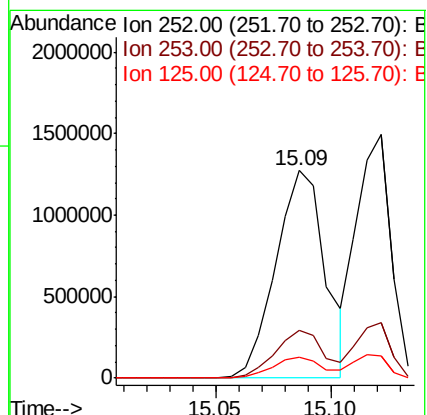
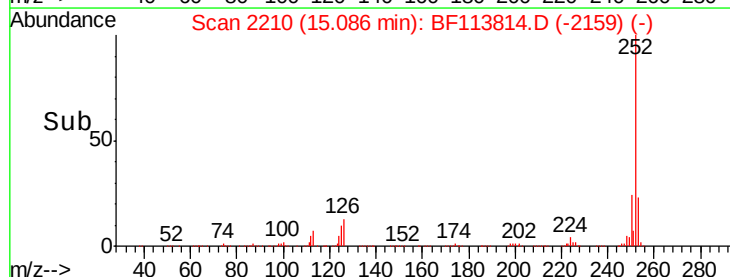
125 9.9 7.0 10.6

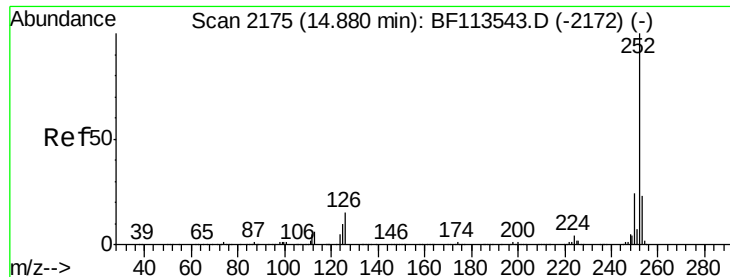


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

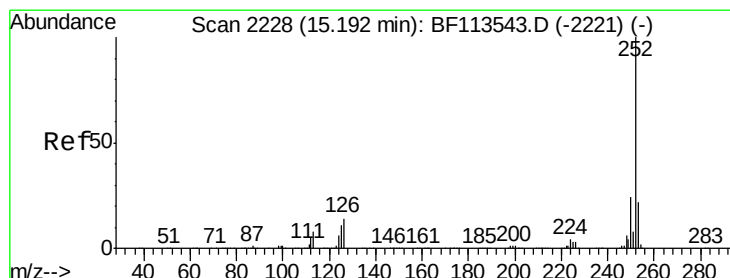
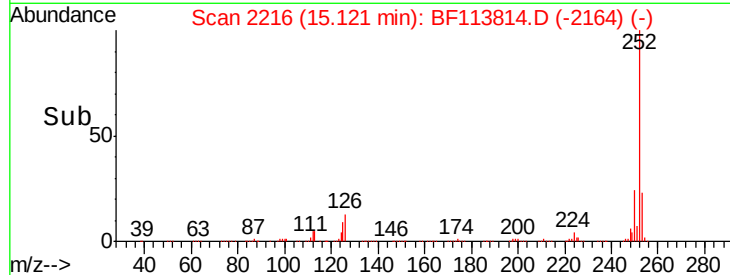
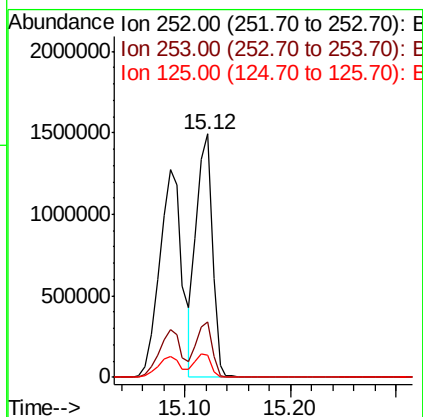
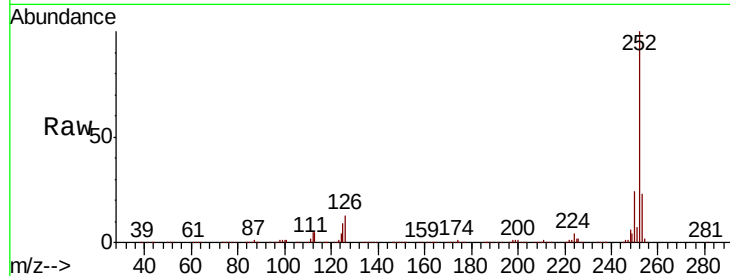




#89
Benzo(k)fluoranthene
Concen: 72.324 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

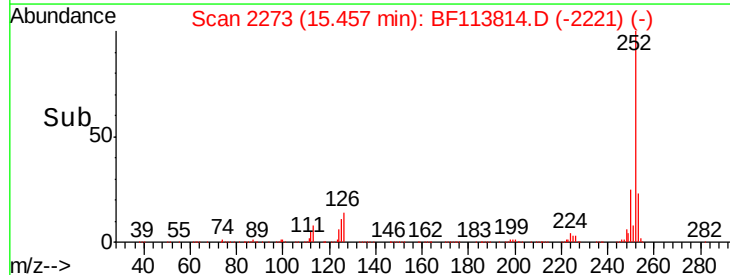
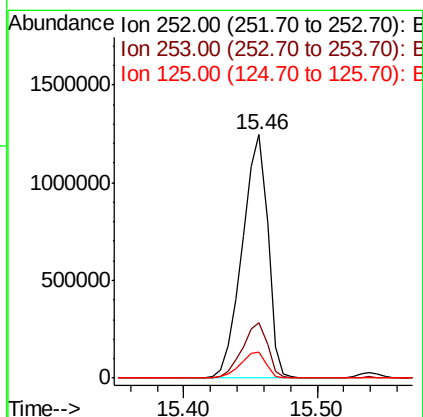
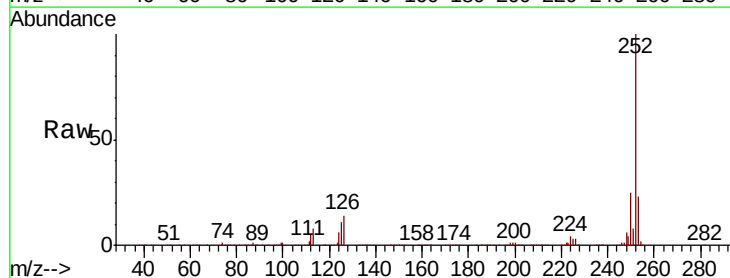
Instrument :
BNA_F
ClientSampleId :

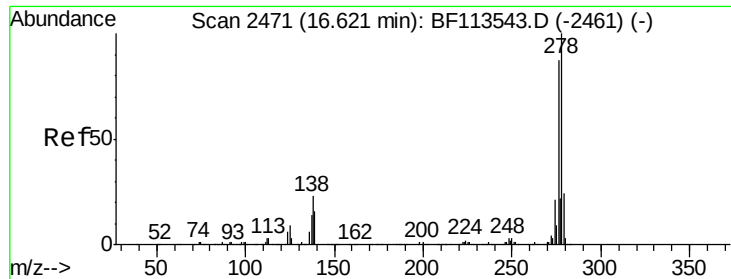
Tot Ion:252 Resp: 1553401
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 9.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 77.806 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF113814.D
Acq: 18 Apr 2019 10:29

Tgt Ion:252 Resp: 1654608
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 10.5 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 83.894 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.01 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

Instrument :

BNA_F

ClientSampleId :

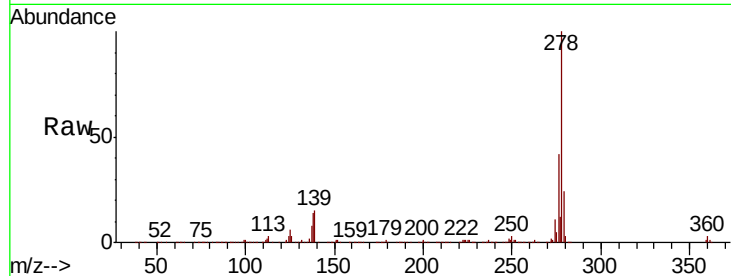
Tot Ion:278 Resp: 1668374

Ion Ratio Lower Upper

278 100

139 15.4 11.6 17.4

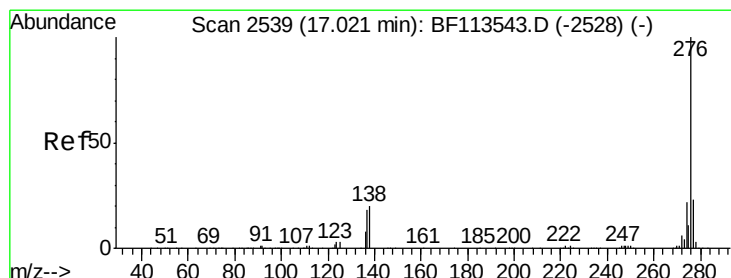
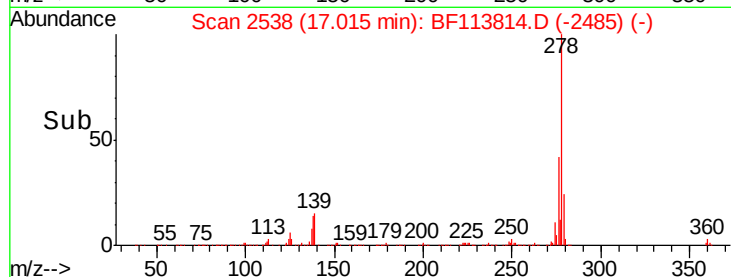
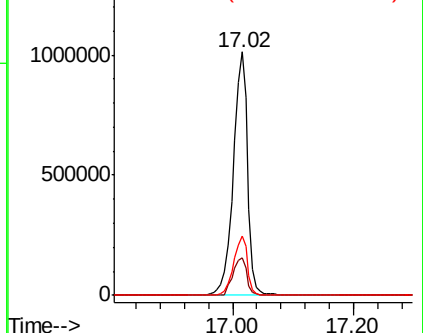
279 24.2 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 87.377 ng

RT: 17.44 min Scan# 2611

Delta R.T. 0.02 min

Lab File: BF113814.D

Acq: 18 Apr 2019 10:29

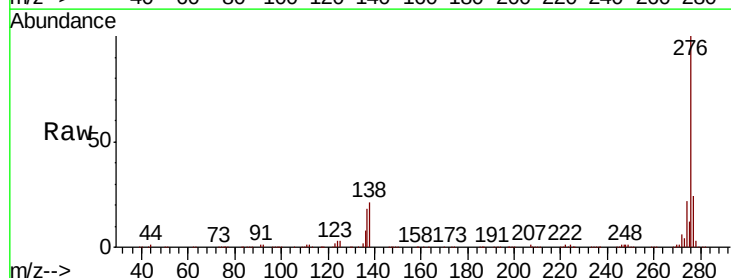
Tgt Ion:276 Resp: 1773590

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 21.3 16.6 25.0



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

