

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113547.D
 Acq On : 3 Apr 2019 15:20
 Operator : JU/SJ
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 15:48:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 14:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	133501	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	520267	20.00	ng	-0.01
39) Acenaphthene-d10	9.73	164	242555	20.00	ng	-0.01
64) Phenanthrene-d10	11.21	188	465328	20.00	ng	0.00
76) Chrysene-d12	13.85	240	285664	20.00	ng	0.00
87) Perylene-d12	15.26	264	262250	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1395426	170.91	ng	-0.01
7) Phenol-d6	6.36	99	1682300	162.88	ng	0.00
23) Nitrobenzene-d5	7.27	82	1629902	185.95	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	504100	168.25	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	2573714	155.60	ng	0.00
79) Terphenyl-d14	12.80	244	2488038	191.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.33	88	358169	86.463	ng	99
3) Pyridine	3.02	79	981572	96.118	ng	98
4) n-Nitrosodimethylamine	3.00	42	417751	92.019	ng	95
6) Aniline	6.36	93	1046824	83.226	ng	94
8) 2-Chlorophenol	6.49	128	797634	84.128	ng	97
9) Benzaldehyde	6.24	77	558504	80.581	ng	97
10) Phenol	6.37	94	980162	83.124	ng	87
11) bis(2-Chloroethyl)ether	6.44	93	791823	87.604	ng	99
12) 1,3-Dichlorobenzene	6.63	146	888875	86.973	ng	98
13) 1,4-Dichlorobenzene	6.71	146	881509	89.331	ng	99
14) 1,2-Dichlorobenzene	6.86	146	754632	77.733	ng	99
15) Benzyl Alcohol	6.85	79	566294	83.108	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	1170130	86.175	ng	84
17) 2-Methylphenol	6.97	107	630857	84.903	ng	# 91
18) Hexachloroethane	7.20	117	330079	93.130	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	530584	81.782	ng	99
20) 3+4-Methylphenols	7.13	107	698940	75.112	ng	89
22) Acetophenone	7.12	105	1036639	87.370	ng	97
24) Nitrobenzene	7.29	77	828953	90.627	ng	98
25) Isophorone	7.53	82	1631693	96.054	ng	99
26) 2-Nitrophenol	7.60	139	458488	94.830	ng	94
27) 2,4-Dimethylphenol	7.65	122	646128	92.903	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	975710	91.210	ng	98
29) 2,4-Dichlorophenol	7.85	162	663782	88.072	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	739592	90.954	ng	97
31) Naphthalene	8.00	128	2167198	85.242	ng	99
32) Benzoic acid	7.83	122	547061	97.718	ng	99
33) 4-Chloroaniline	8.05	127	913488	92.140	ng	99
34) Hexachlorobutadiene	8.12	225	447371	92.567	ng	98
35) Caprolactam	8.47	113	179433	74.180	ng	99
36) 4-Chloro-3-methylphenol	8.56	107	684451	90.290	ng	99
37) 2-Methylnaphthalene	8.69	142	1433857	90.385	ng	99
38) 1-Methylnaphthalene	8.79	142	1376904	90.237	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	698618	89.728	ng	100

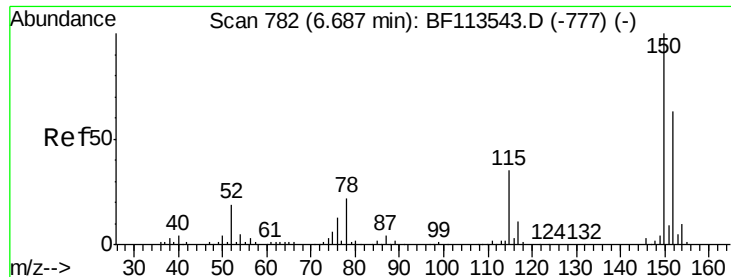
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113547.D
 Acq On : 3 Apr 2019 15:20
 Operator : JU/SJ
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Quant Time: Apr 03 15:48:17 2019
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 QLast Update : Wed Apr 03 14:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	288028	87.398	ng	99
43) 2,4,6-Trichlorophenol	8.98	196	461838	91.089	ng	100
44) 2,4,5-Trichlorophenol	9.03	196	492267	87.730	ng	99
46) 1,1'-Biphenyl	9.16	154	1730608	85.428	ng	98
47) 2-Chloronaphthalene	9.18	162	1361540	87.291	ng	100
48) 2-Nitroaniline	9.29	65	435912	89.055	ng	99
49) Acenaphthylene	9.60	152	2074940	82.273	ng	99
50) Dimethylphthalate	9.47	163	1659062	92.297	ng	99
51) 2,6-Dinitrotoluene	9.53	165	360842	88.983	ng	99
52) Acenaphthene	9.77	154	1237866	87.157	ng	98
53) 3-Nitroaniline	9.70	138	407683	89.148	ng	95
54) 2,4-Dinitrophenol	9.82	184	193884	96.130	ng	94
55) Dibenzofuran	9.94	168	1727712	80.918	ng	98
56) 4-Nitrophenol	9.88	139	274331	84.143	ng	96
57) 2,4-Dinitrotoluene	9.95	165	411936	79.880	ng	99
58) Fluorene	10.29	166	1354991	81.691	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	420158	88.547	ng	98
60) Diethylphthalate	10.17	149	1526666	86.577	ng	97
61) 4-Chlorophenyl-phenylether	10.27	204	652574	80.723	ng	95
62) 4-Nitroaniline	10.33	138	410780	87.244	ng	98
63) Azobenzene	10.43	77	1452714	87.518	ng	97
65) 4,6-Dinitro-2-methylphenol	10.36	198	248553	97.642	ng	91
66) n-Nitrosodiphenylamine	10.40	169	1301920	91.179	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	476835	94.019	ng	94
68) Hexachlorobenzene	10.83	284	538593	91.490	ng	# 93
69) Atrazine	10.93	200	395170	87.681	ng	95
70) Pentachlorophenol	11.03	266	281717	91.851	ng	99
71) Phenanthrene	11.24	178	2000661	86.578	ng	99
72) Anthracene	11.29	178	2042238	87.007	ng	99
73) Carbazole	11.45	167	1889574	84.366	ng	98
74) Di-n-butylphthalate	11.78	149	2255773	86.851	ng	100
75) Fluoranthene	12.43	202	2054136	78.632	ng	99
77) Benzidine	12.55	184	785269	71.783	ng	# 95
78) Pyrene	12.65	202	2086842	105.420	ng	99
80) Butylbenzylphthalate	13.27	149	858395	98.393	ng	99
81) Benzo(a)anthracene	13.84	228	1495757	91.473	ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	526678	80.288	ng	99
83) Chrysene	13.88	228	1535902	92.474	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	1009496	94.391	ng	100
85) Di-n-octyl phthalate	14.44	149	1692519	93.232	ng	100
86) Indeno(1,2,3-cd)pyrene	16.64	276	1687752	118.404	ng	99
88) Benzo(b)fluoranthene	14.86	252	1463038	89.807	ng	100
89) Benzo(k)fluoranthene	14.89	252	1302642	91.053	ng	99
90) Benzo(a)pyrene	15.20	252	1339897	92.775	ng	99
91) Dibenzo(a,h)anthracene	16.65	278	1360970	108.984	ng	99
92) Benzo(g,h,i)perylene	17.05	276	1466013	116.430	ng	99

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

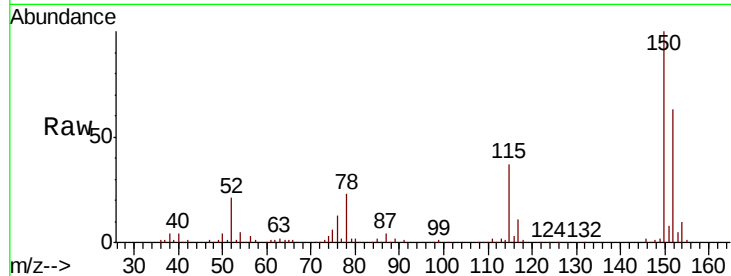


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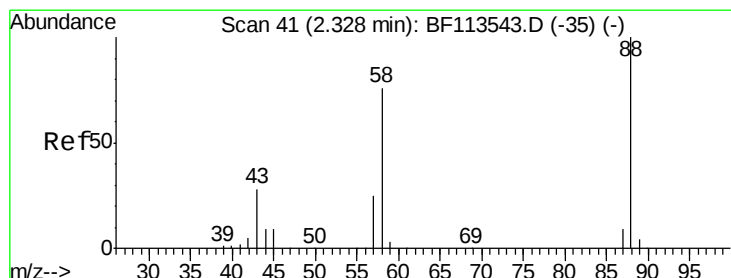
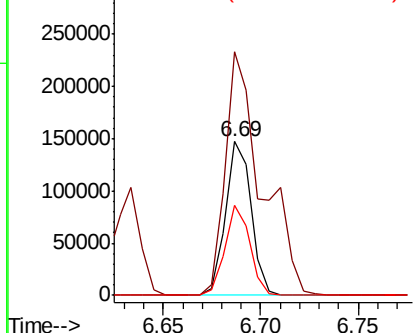
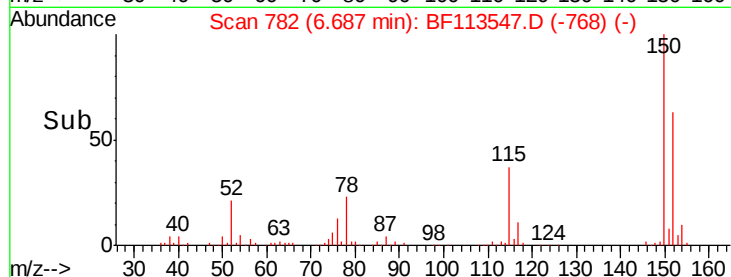
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 15:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 133501
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.7 187.1
 115 59.1 46.0 69.0



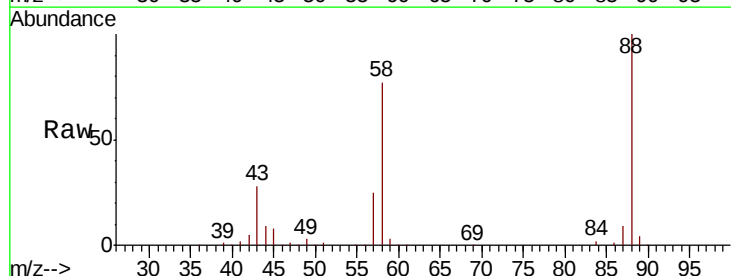
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



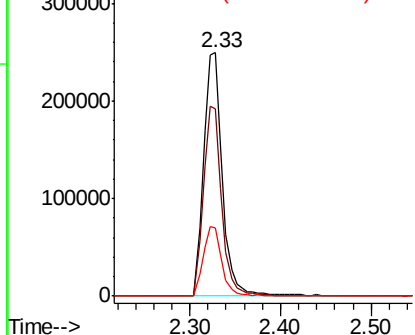
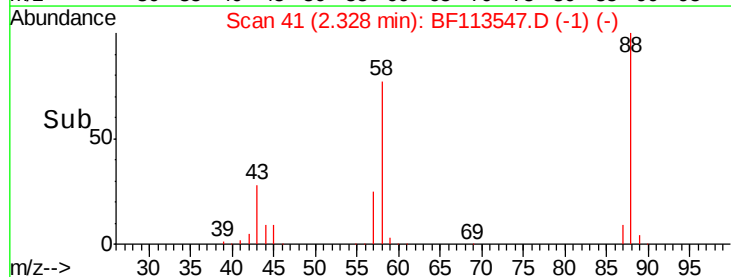
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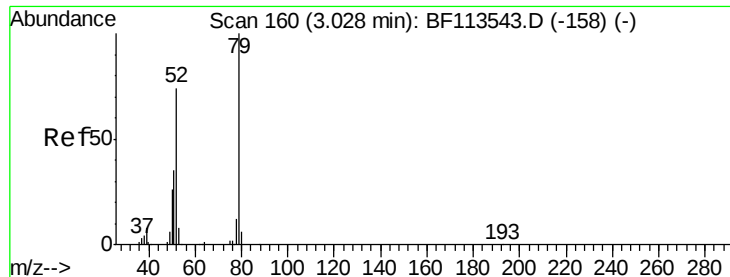
1,4-Dioxane
 Concen: 86.463 ng
 RT: 2.33 min Scan# 41
 Delta R.T. -0.04 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 15:20

Tgt Ion: 88 Resp: 358169
 Ion Ratio Lower Upper
 88 100
 58 77.2 61.9 92.9
 43 28.9 24.2 36.4



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



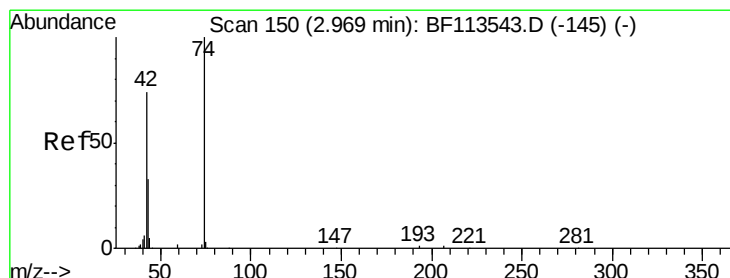
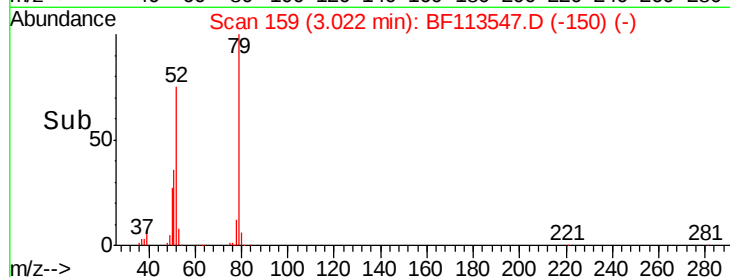
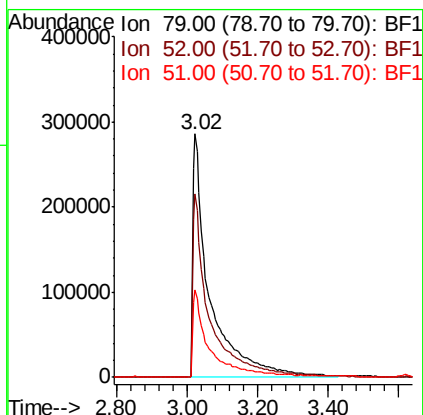
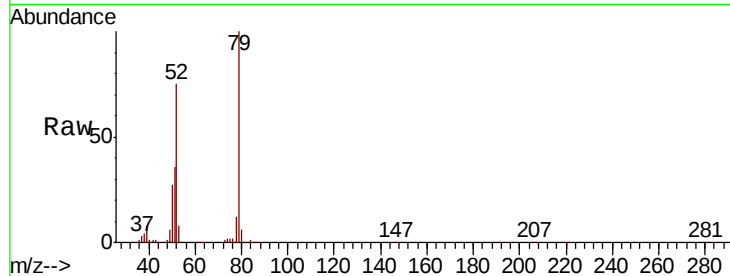


#3
Pvridine
Concen: 96.118 ng
RT: 3.02 min Scan# 159
Delta R.T. -0.05 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 981572

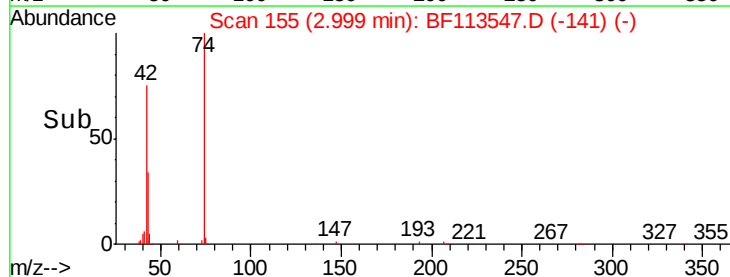
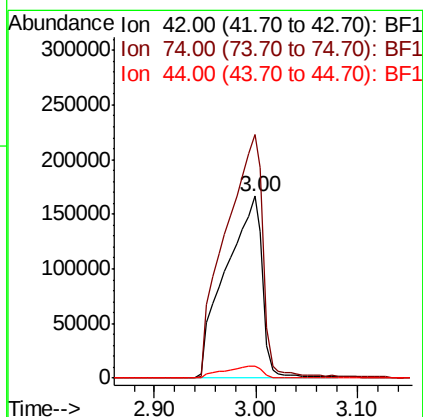
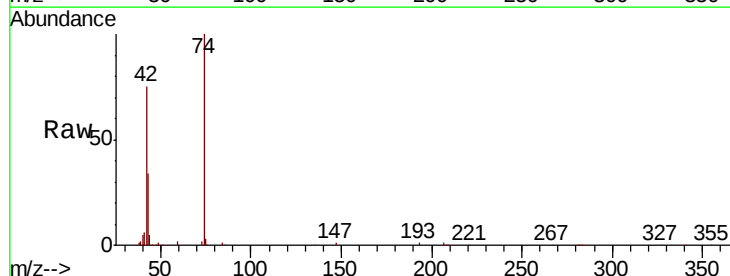
Ion	Ratio	Lower	Upper
79	100		
52	75.2	61.0	91.4
51	36.1	30.6	45.8

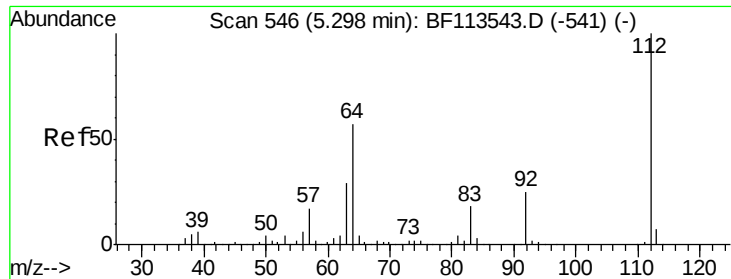


#4
n-Nitrosodimethylamine
Concen: 92.019 ng
RT: 3.00 min Scan# 155
Delta R.T. -0.02 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Tgt Ion: 42 Resp: 417751

Ion	Ratio	Lower	Upper
42	100		
74	134.1	102.4	153.6
44	6.8	5.5	8.3





#5

2-Fluorophenol

Concen: 170.912 ng

RT: 5.30 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampled :

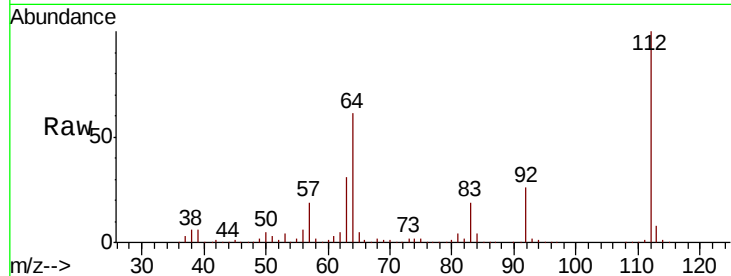
Tot Ion:112 Resp: 1395426

Ion Ratio Lower Upper

112 100

64 60.5 49.2 73.8

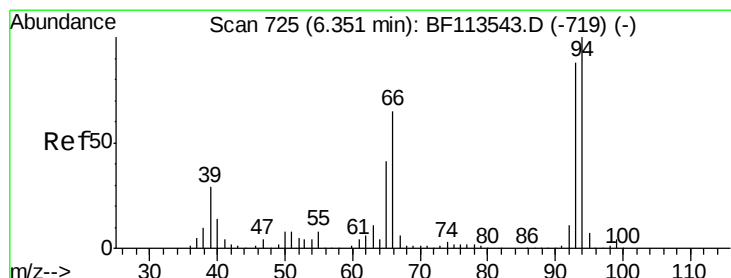
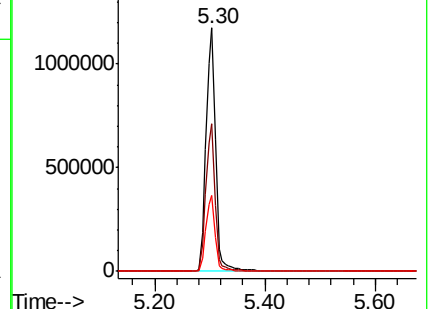
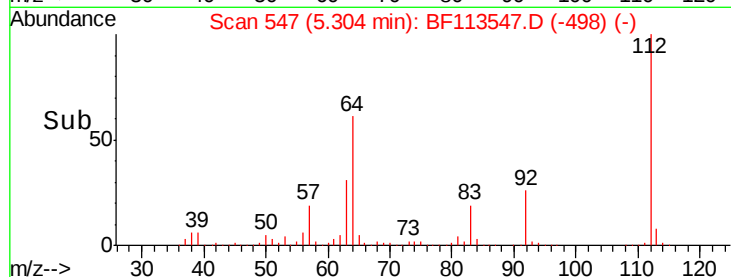
63 31.1 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 83.226 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

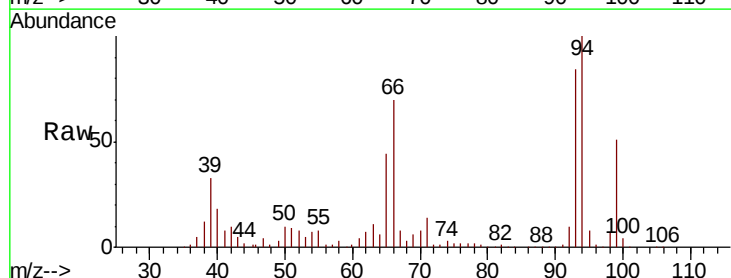
Tgt Ion: 93 Resp: 1046824

Ion Ratio Lower Upper

93 100

66 83.7 62.1 93.1

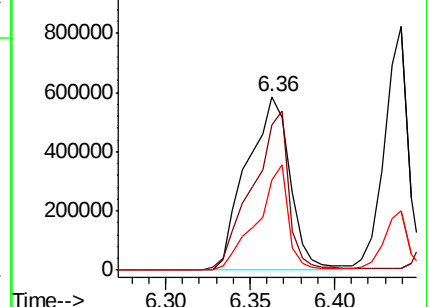
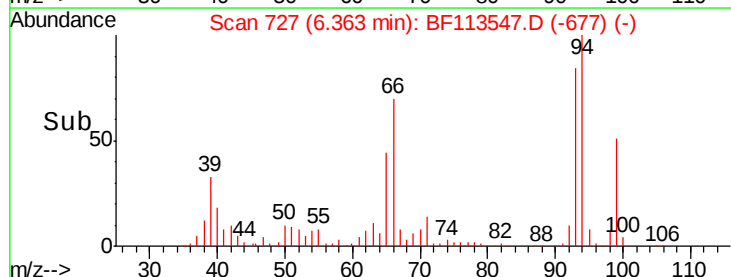
65 52.0 38.7 58.1

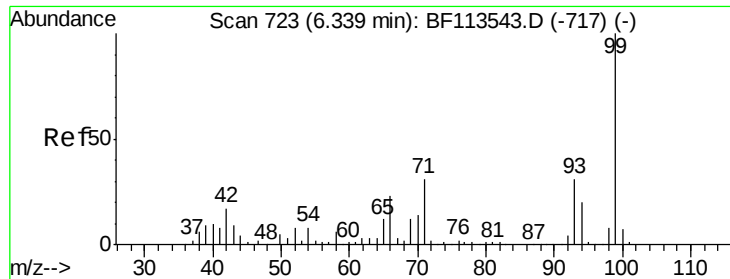


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 162.877 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampleId :

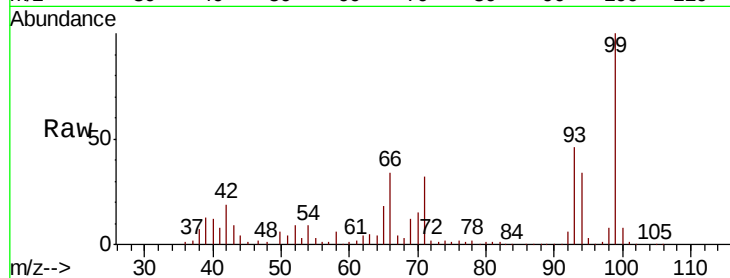
Tot Ion: 99 Resp: 1682300

Ion Ratio Lower Upper

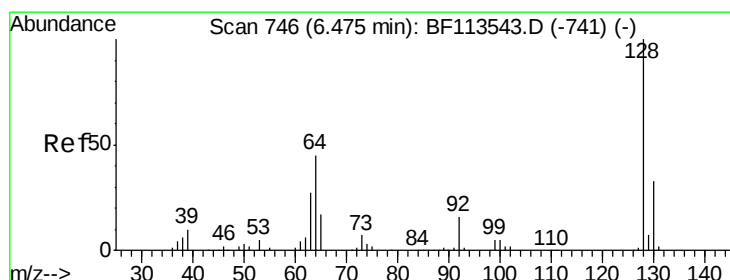
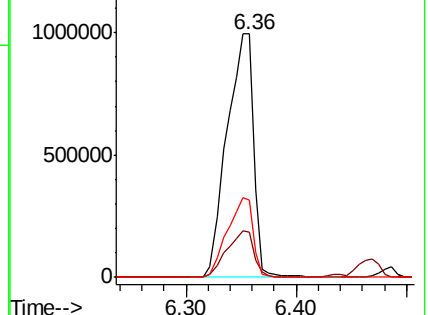
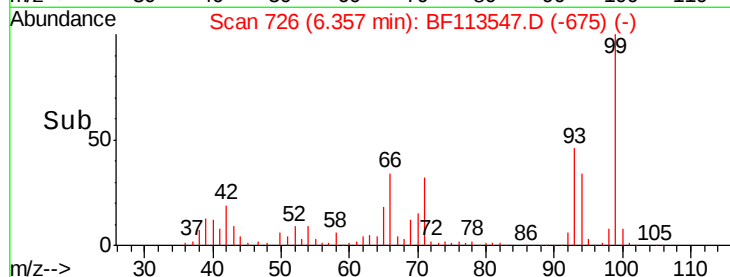
99 100

42 18.6 14.8 22.2

71 31.9 24.9 37.3



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



#8

2-Chlorophenol

Concen: 84.128 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

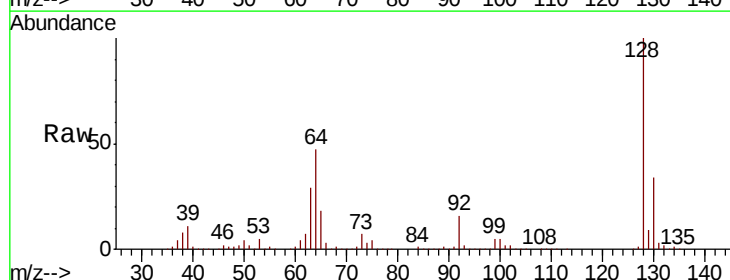
Tgt Ion:128 Resp: 797634

Ion Ratio Lower Upper

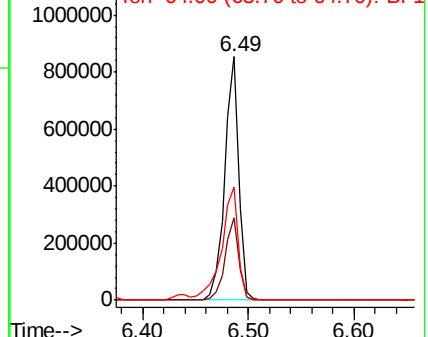
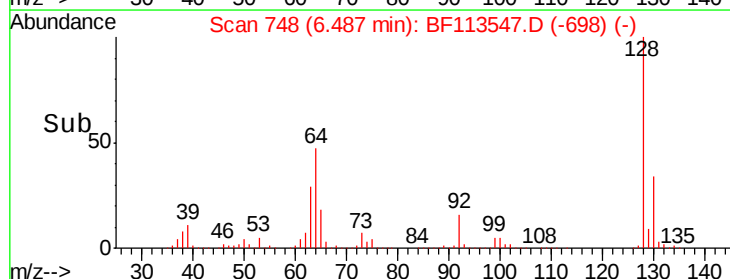
128 100

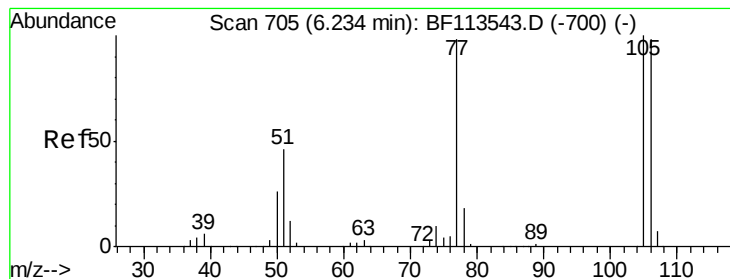
130 33.6 12.6 52.6

64 46.7 29.4 69.4



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





#9

Benzaldehyde

Concen: 80.581 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampled :

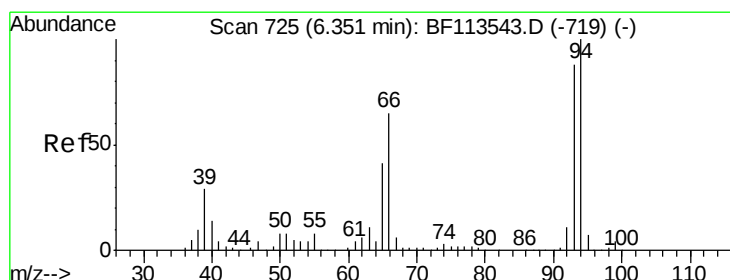
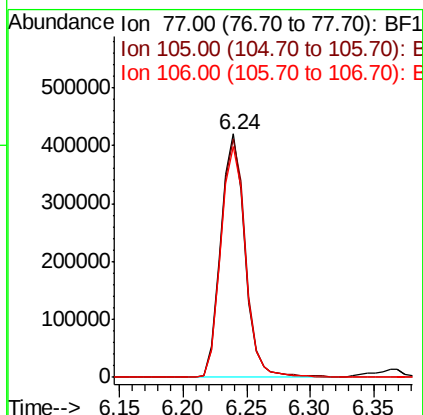
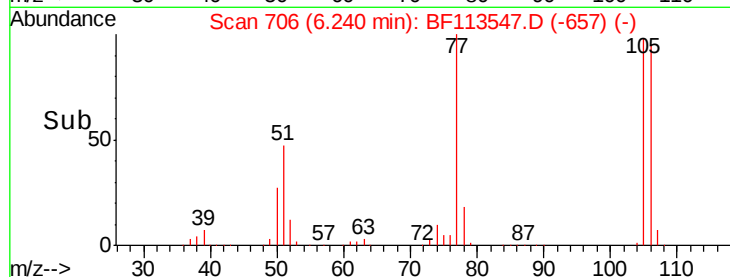
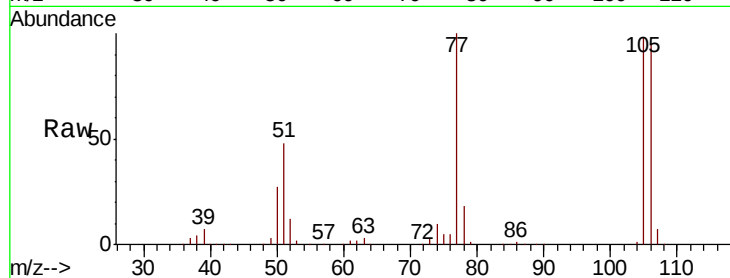
Tot Ion: 77 Resp: 558504

Ion Ratio Lower Upper

77 100

105 97.8 80.9 120.9

106 94.9 77.8 117.8



#10

Phenol

Concen: 83.124 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

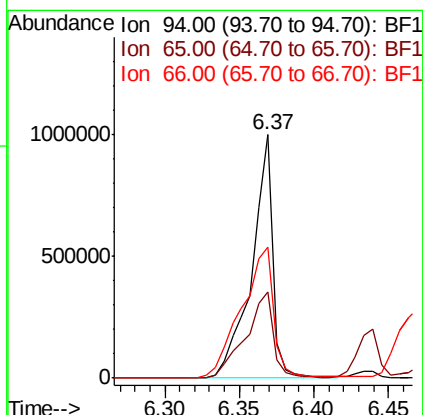
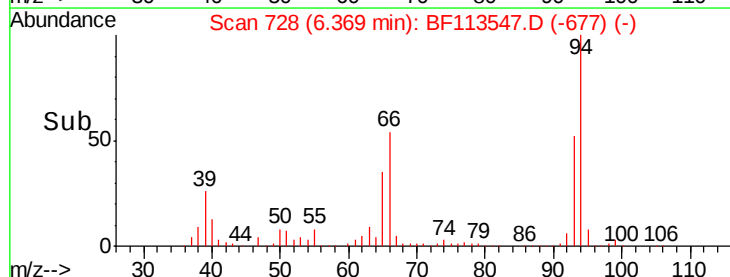
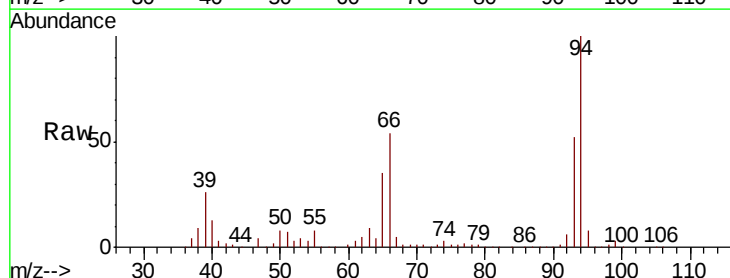
Tgt Ion: 94 Resp: 980162

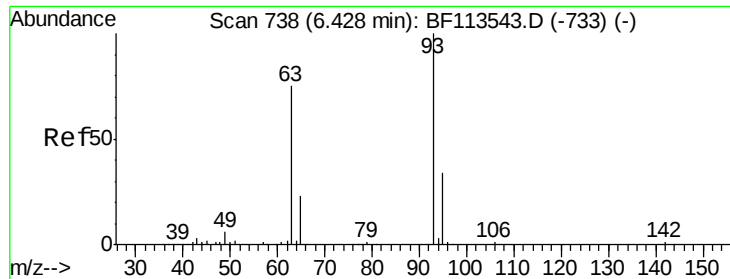
Ion Ratio Lower Upper

94 100

65 35.5 21.4 61.4

66 53.7 46.4 86.4

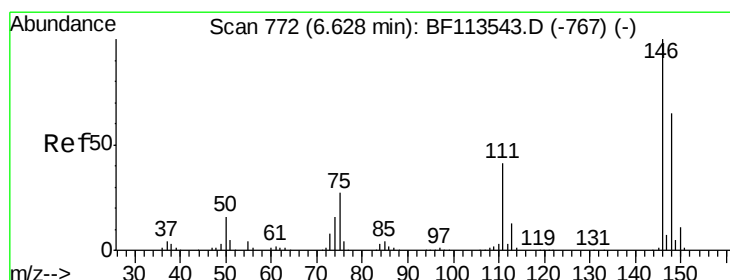
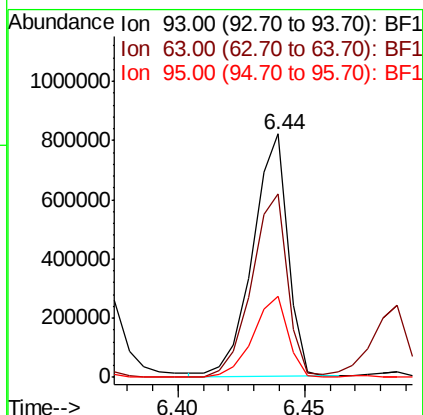
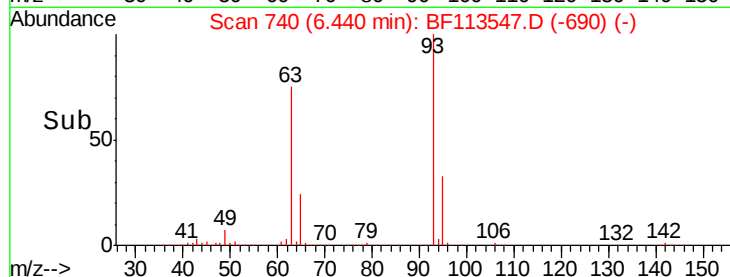
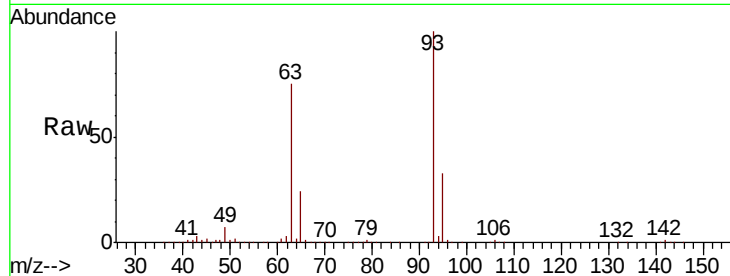




#11
 bis(2-Chloroethyl)ether
 Concen: 87.604 ng
 RT: 6.44 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 15:20

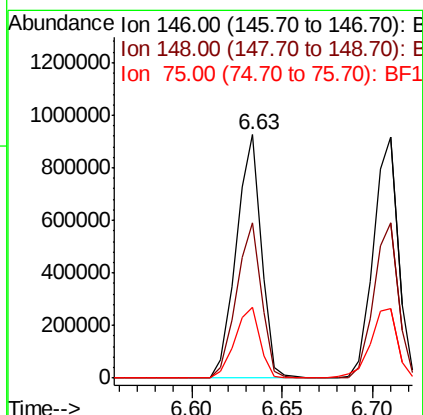
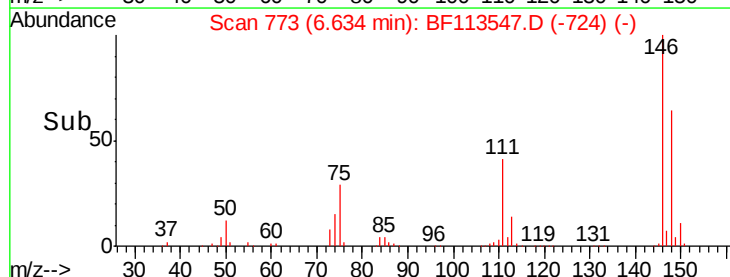
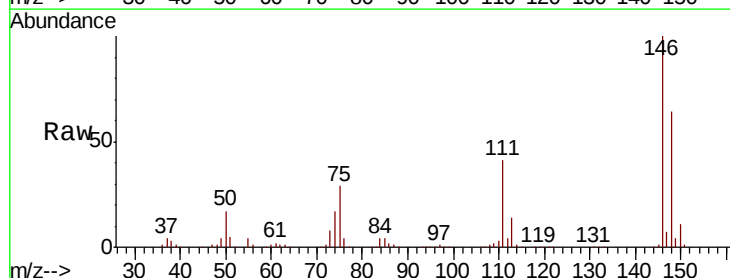
Instrument :
 BNA_F
 ClientSampleId :

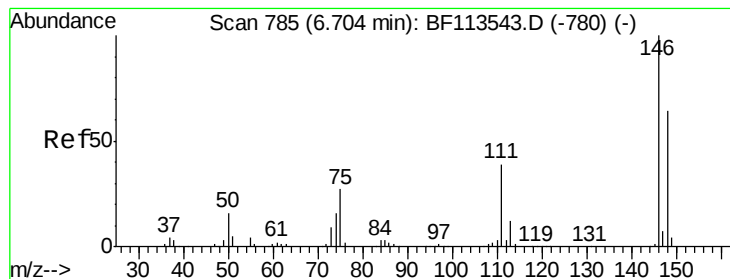
Tot Ion: 93 Resp: 791823
 Ion Ratio Lower Upper
 93 100
 63 75.4 56.1 96.1
 95 33.2 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 86.973 ng
 RT: 6.63 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 15:20

Tgt Ion: 146 Resp: 888875
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.0
 75 29.2 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 89.331 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampled :

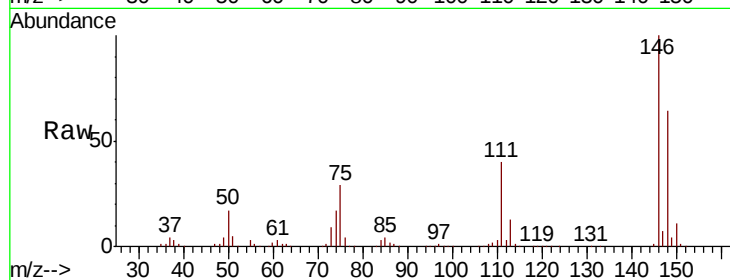
Tot Ion:146 Resp: 881509

Ion Ratio Lower Upper

146 100

148 64.4 51.1 76.7

111 40.2 32.8 49.2

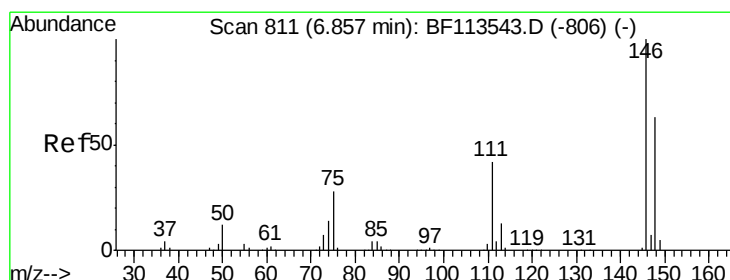
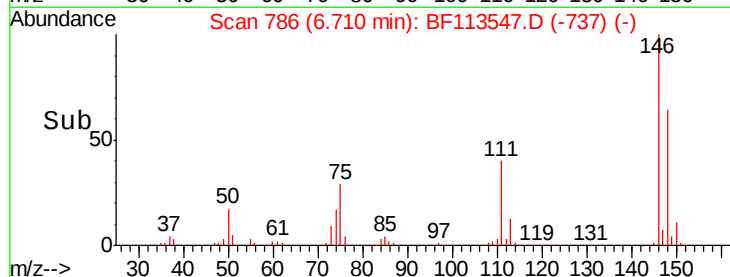
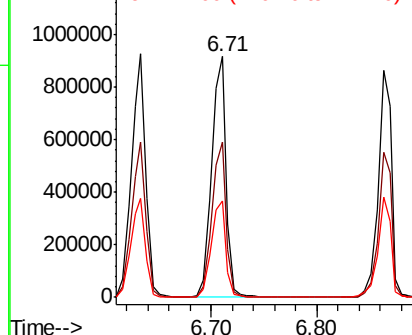


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 77.733 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

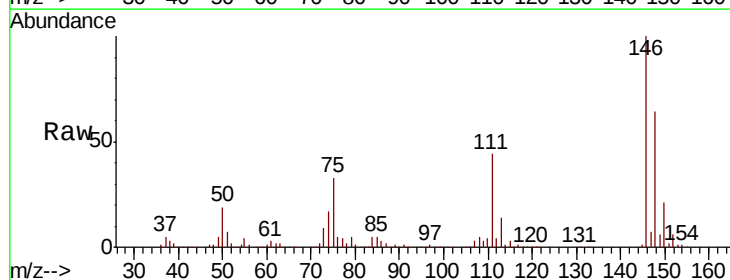
Tgt Ion:146 Resp: 754632

Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.4

111 44.1 35.4 53.2

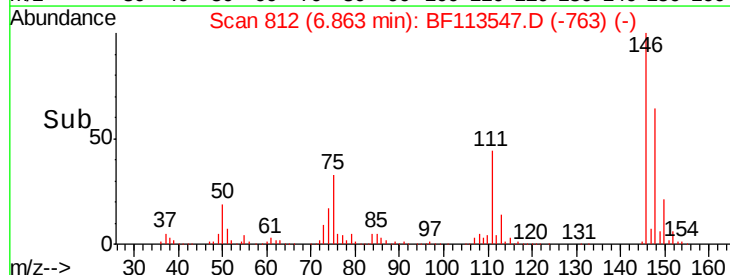
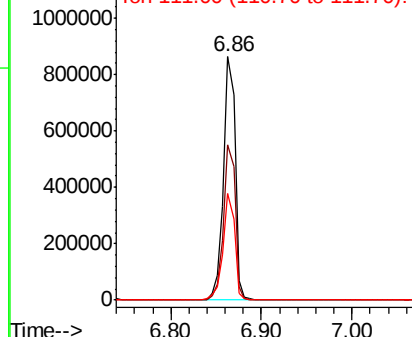


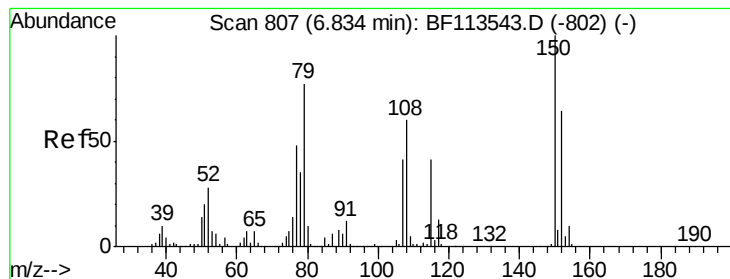
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 83.108 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampleId :

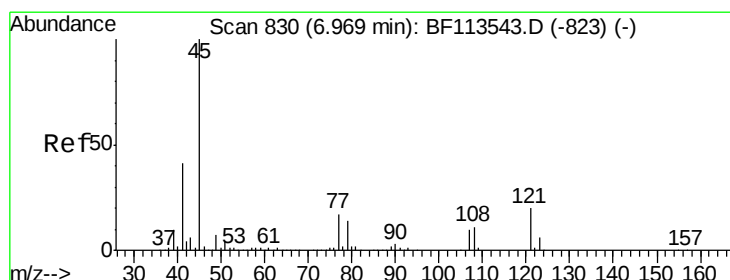
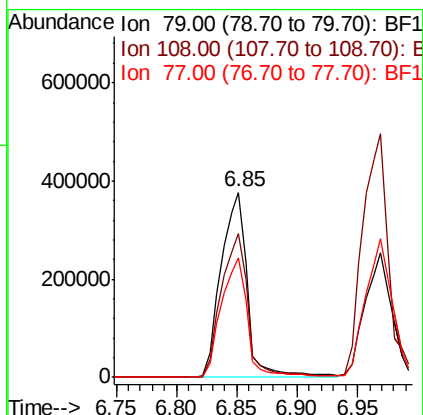
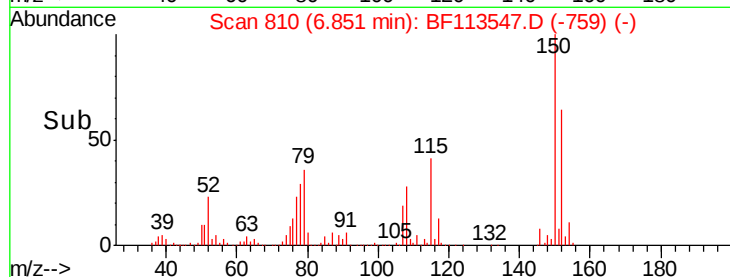
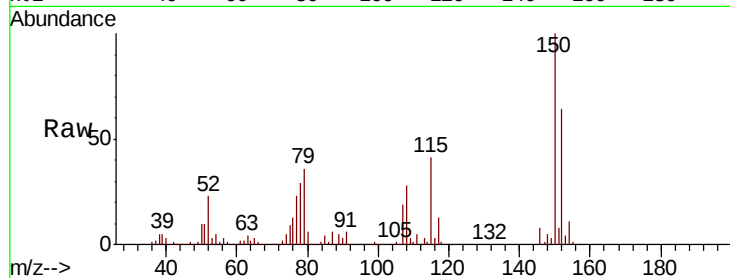
Tot Ion: 79 Resp: 566294

Ion Ratio Lower Upper

79 100

108 77.6 62.0 93.0

77 64.7 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 86.175 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

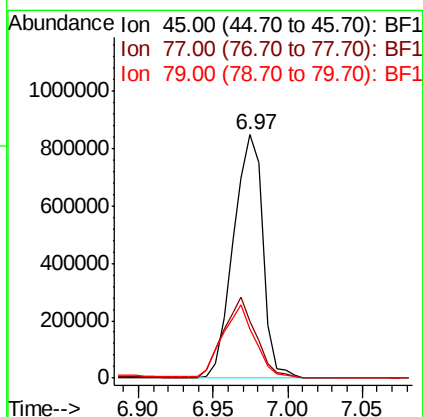
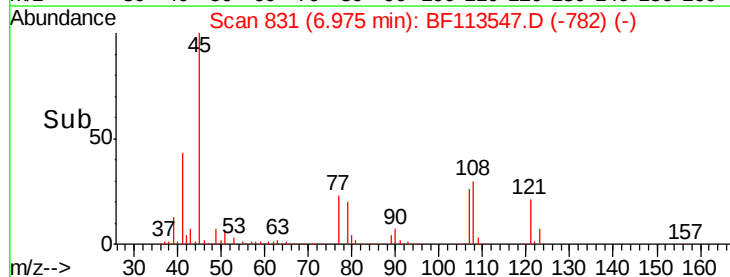
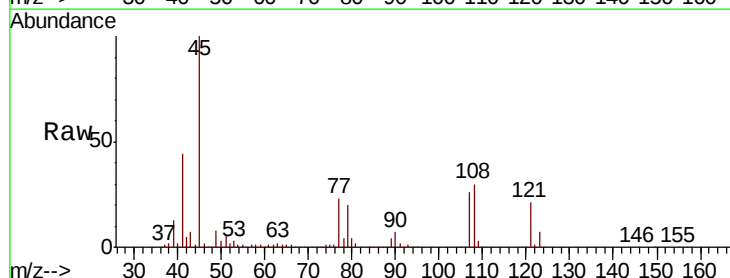
Tgt Ion: 45 Resp: 1170130

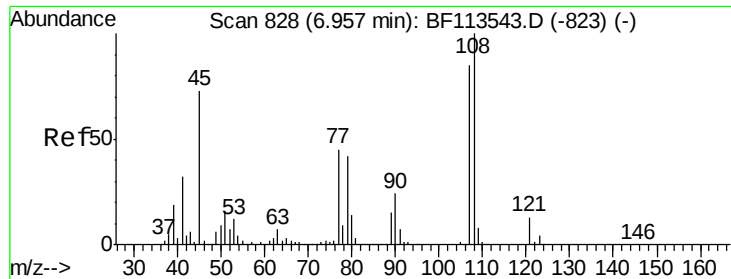
Ion Ratio Lower Upper

45 100

77 23.5 0.0 36.6

79 20.4 0.0 34.0

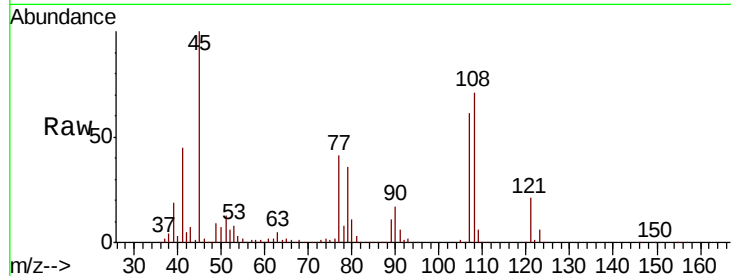




#17
2-Methylphenol
Concen: 84.903 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	117.1	93.4	140.0
77	66.9	41.2	61.8#
79	60.2	40.1	60.1#



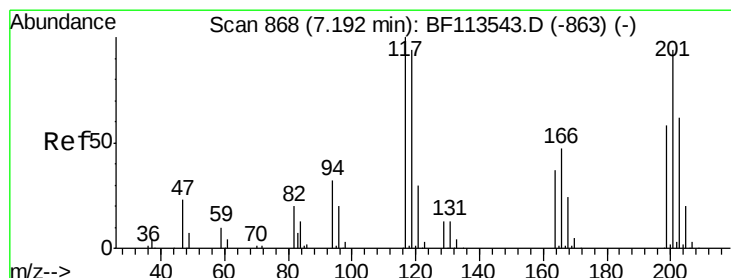
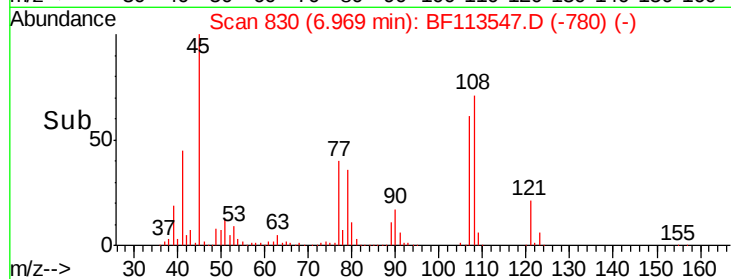
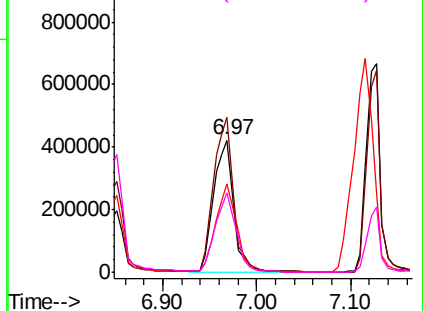
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

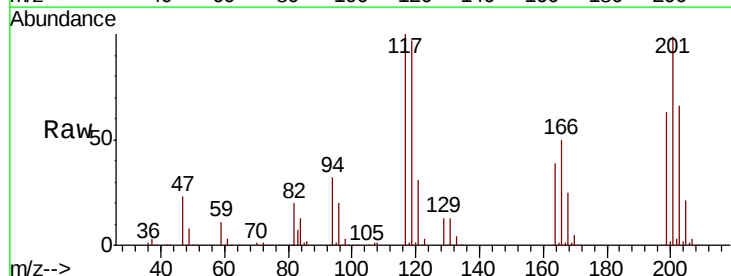
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 93.130 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.9	115.3
201	99.1	78.7	118.1

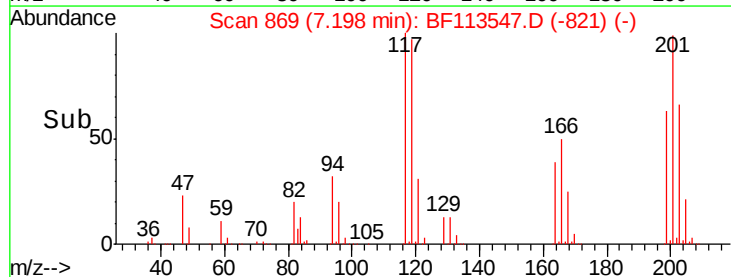
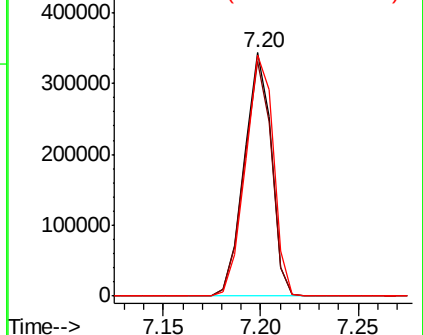


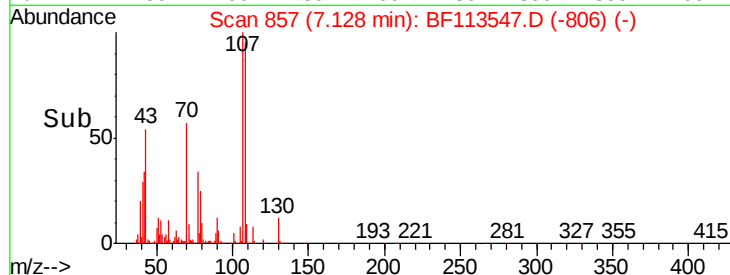
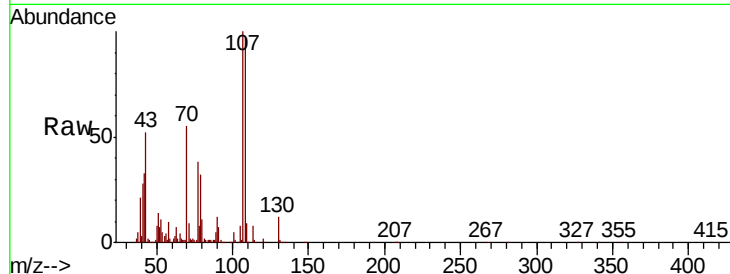
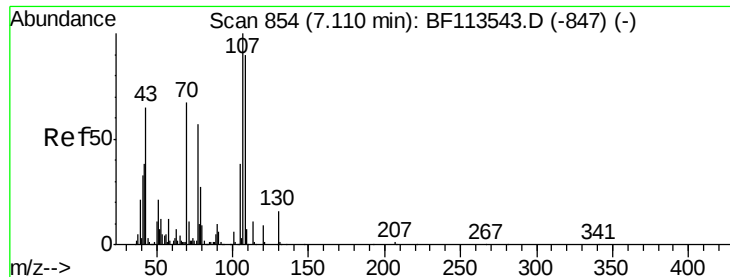
Abundance

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

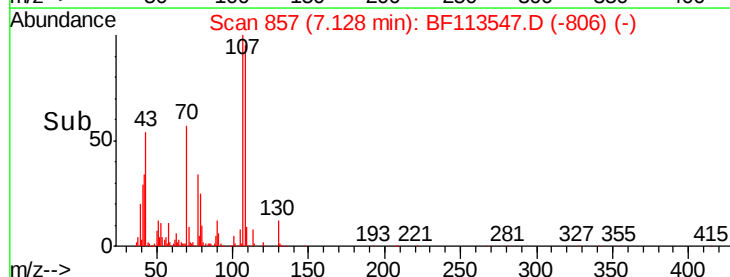
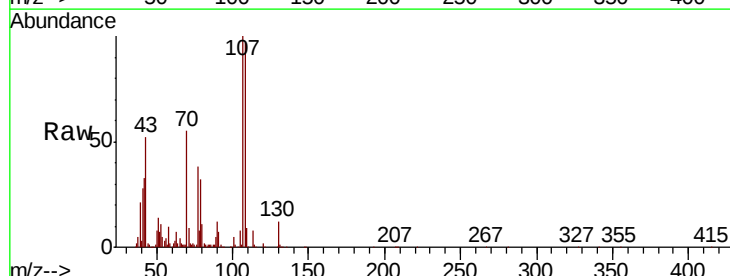
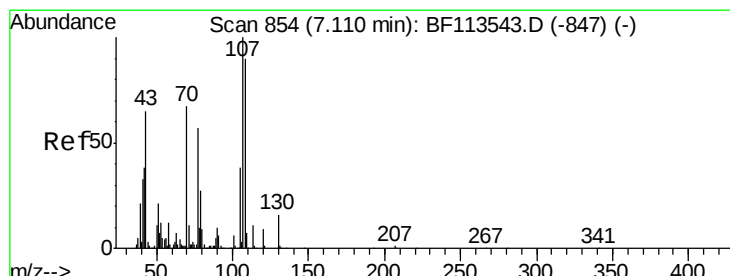
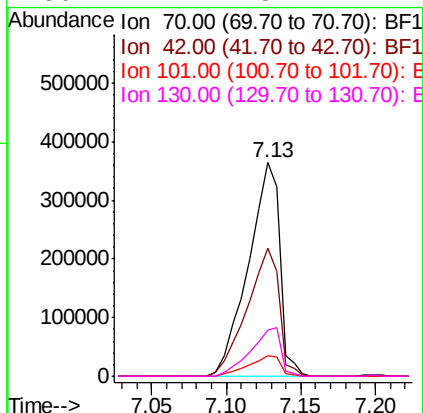




#19
n-Nitroso-di-n-propylamine
Concen: 81.782 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

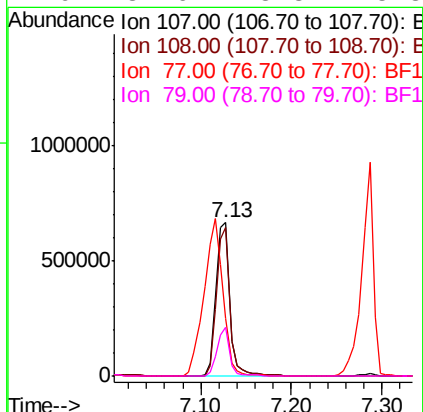
Instrument :
BNA_F
ClientSampleId :

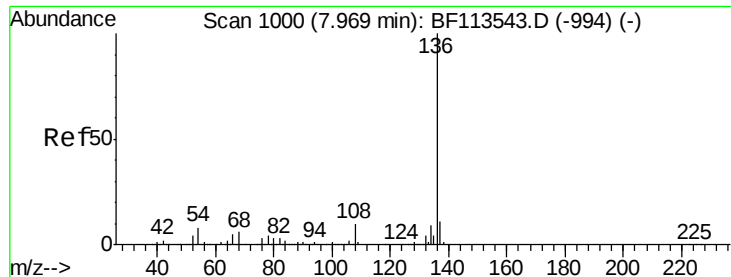
Tot Ion:	70	Resp:	530584
Ion	Ratio	Lower	Upper
70	100		
42	59.8	48.4	72.6
101	9.5	7.8	11.8
130	21.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 75.112 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Tgt Ion:	107	Resp:	698940
Ion	Ratio	Lower	Upper
107	100		
108	97.0	71.4	111.4
77	37.6	33.5	73.5
79	31.6	8.3	48.3

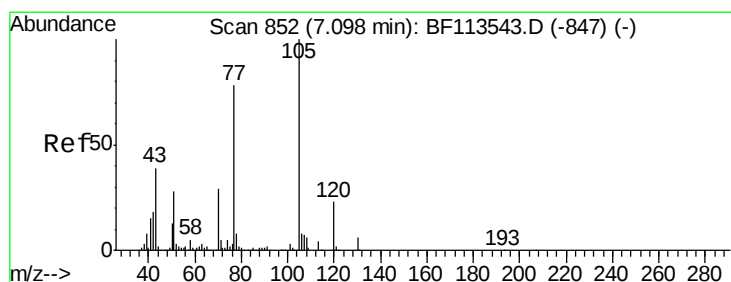
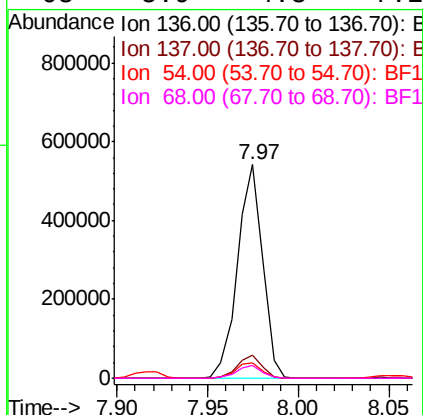
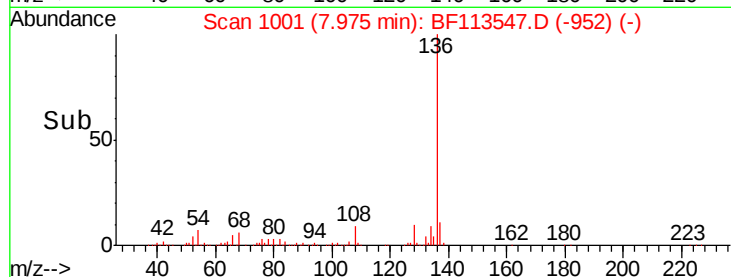
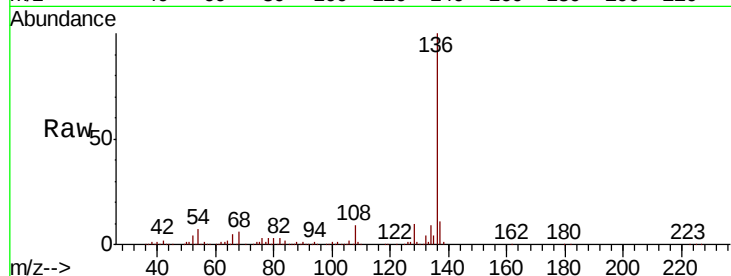




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

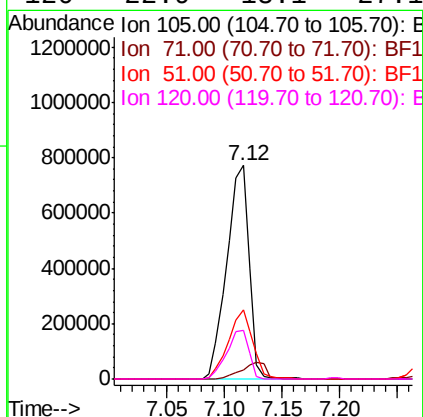
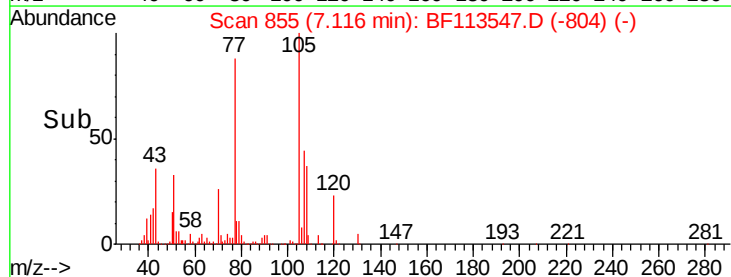
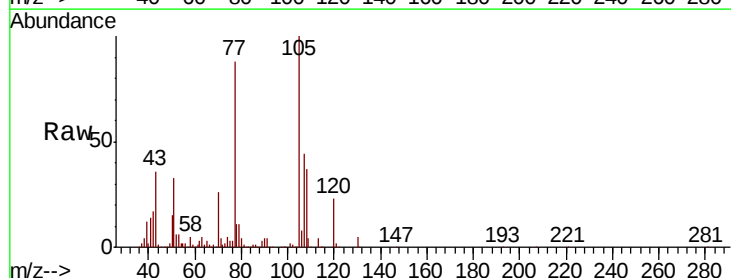
Instrument :
BNA_F
ClientSampleId :

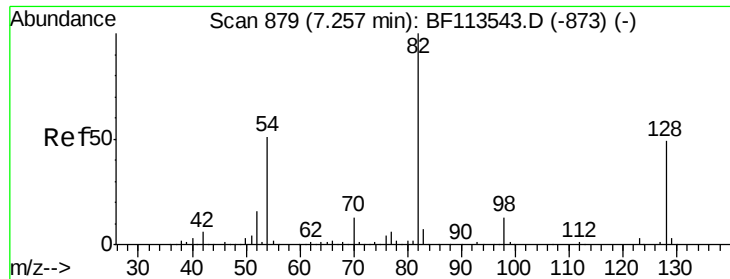
Tot Ion:136	Resp:	520267
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 7.4	7.0	10.6
68 5.9	4.8	7.2



#22
Acetophenone
Concen: 87.370 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Tgt	Ion:105	Resp:	1036639
Ion	Ratio	Lower	Upper
105	100		
71	4.3	3.3	4.9
51	32.6	24.2	36.2
120	22.9	18.1	27.1

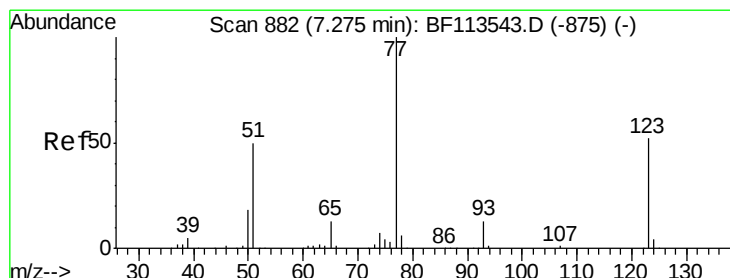
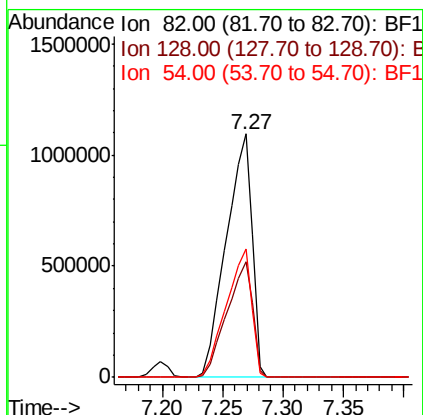
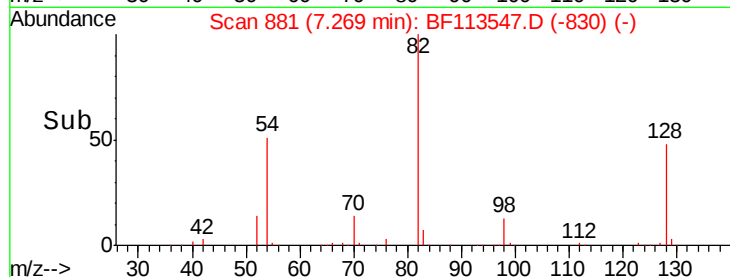
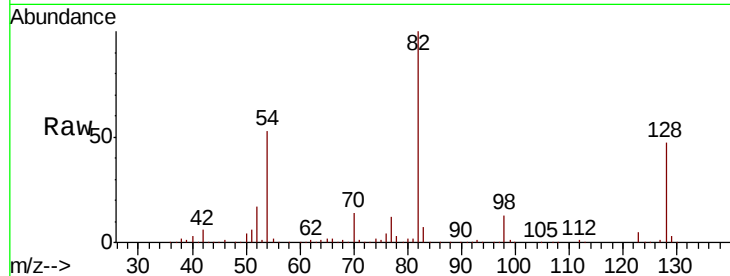




#23
Nitrobenzene-d5
Concen: 185.945 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

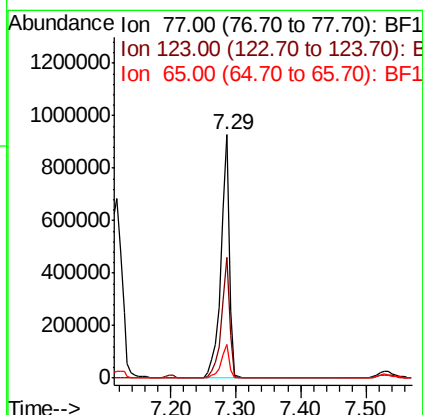
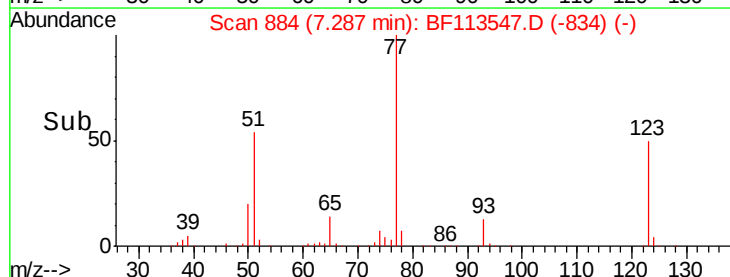
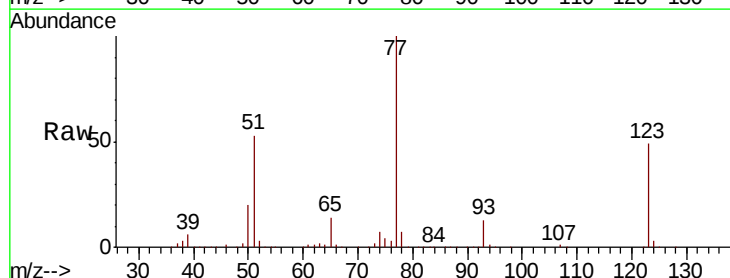
Instrument :
BNA_F
ClientSampleId :

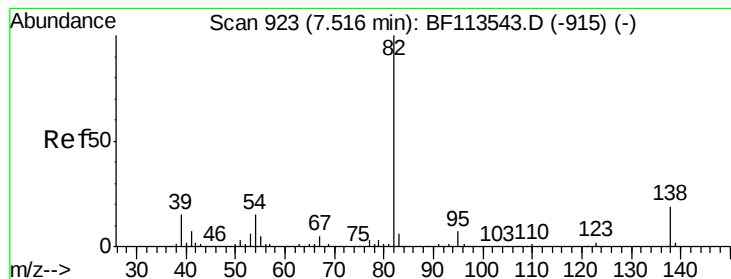
Tot Ion: 82 Resp: 1629902
Ion Ratio Lower Upper
82 100
128 47.4 36.5 54.7
54 53.0 42.2 63.2



#24
Nitrobenzene
Concen: 90.627 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Tgt Ion: 77 Resp: 828953
Ion Ratio Lower Upper
77 100
123 49.4 40.8 61.2
65 14.0 10.6 16.0





#25

Isophorone

Concen: 96.054 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampleId :

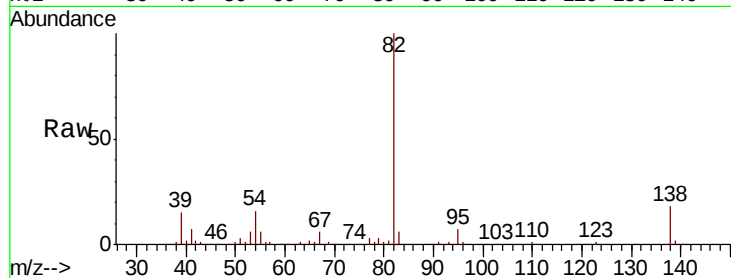
Tot Ion: 82 Resp: 1631693

Ion Ratio Lower Upper

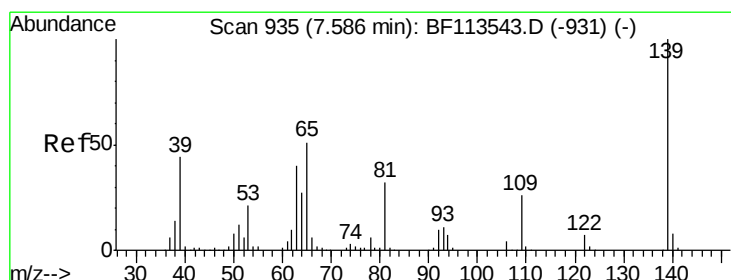
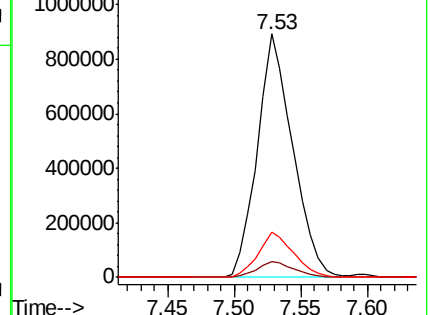
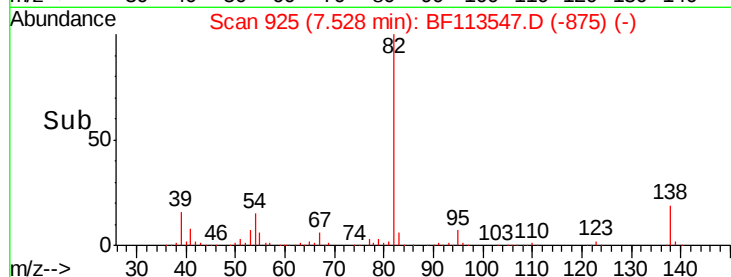
82 100

95 6.7 5.5 8.3

138 18.5 15.2 22.8



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



#26

2-Nitrophenol

Concen: 94.830 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

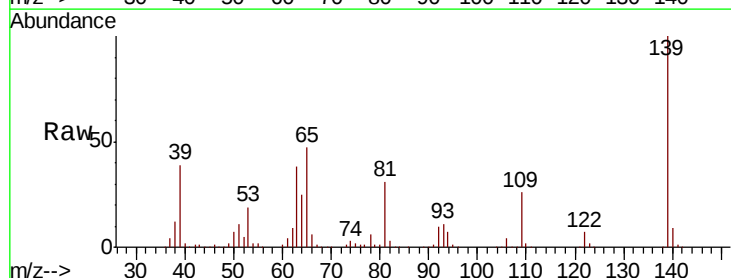
Tgt Ion:139 Resp: 458488

Ion Ratio Lower Upper

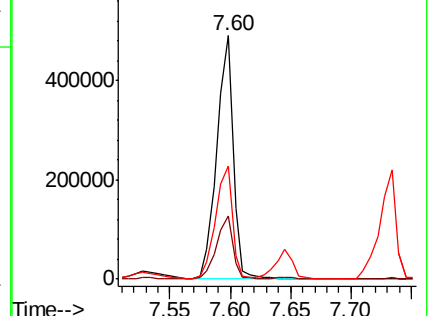
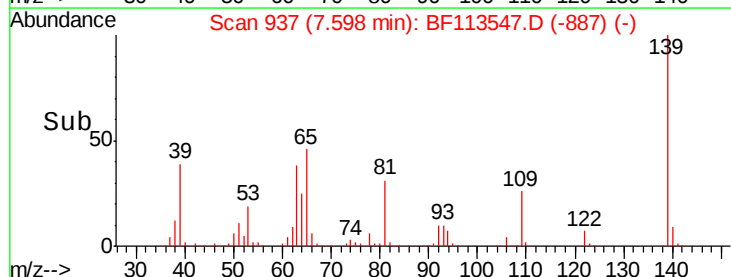
139 100

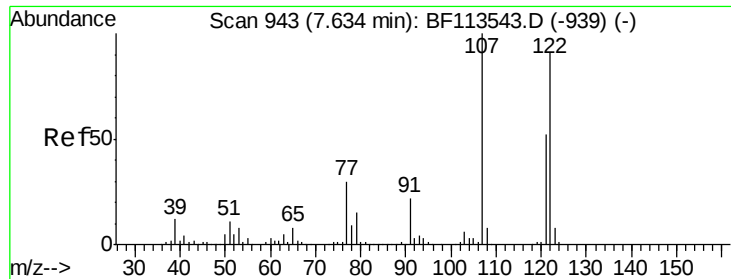
109 26.0 21.7 32.5

65 46.6 41.6 62.4



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

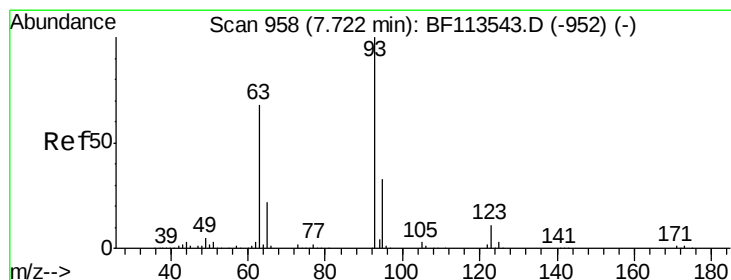
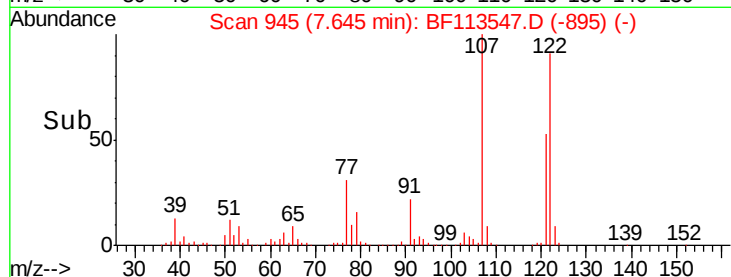
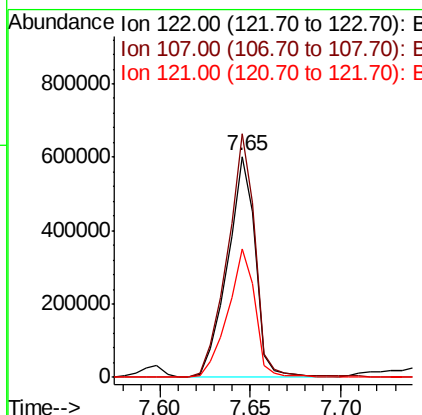
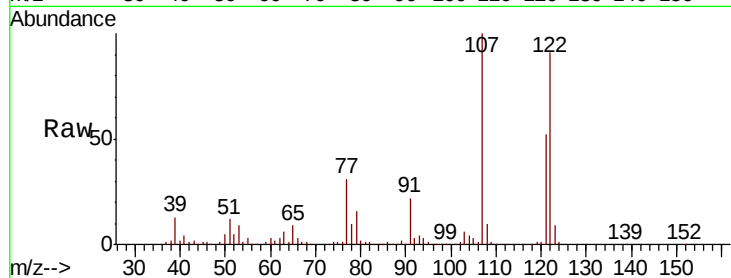




#27
 2,4-Dimethylphenol
 Concen: 92.903 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 15:20

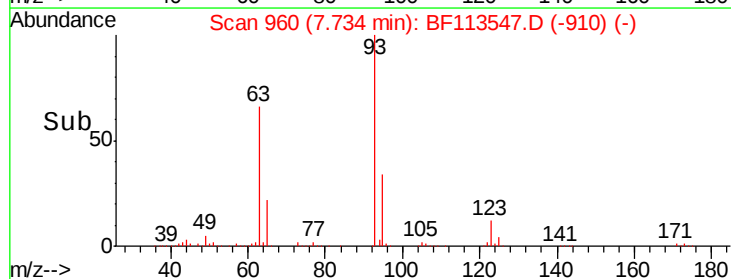
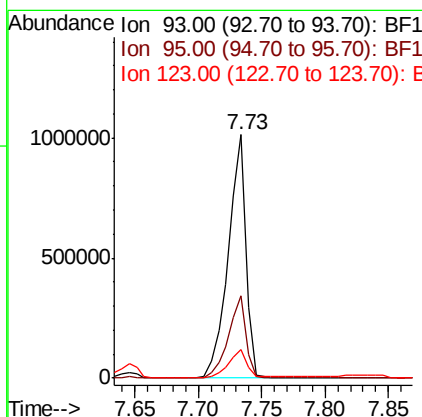
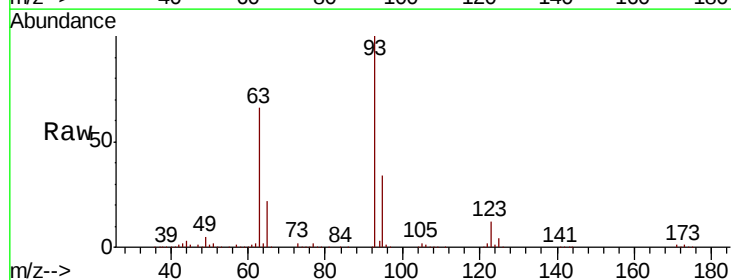
Instrument :
 BNA_F
 ClientSampled :

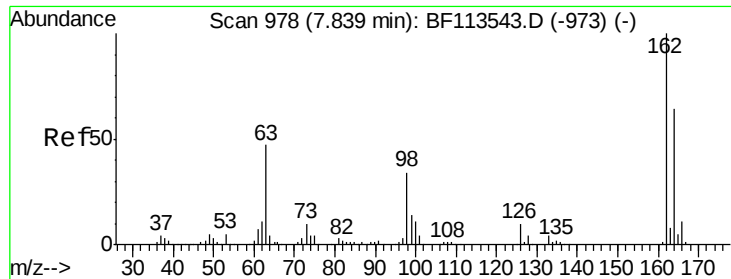
Tot Ion:122 Resp: 646128
 Ion Ratio Lower Upper
 122 100
 107 110.2 88.8 133.2
 121 57.8 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 91.210 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 15:20

Tgt Ion: 93 Resp: 975710
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.0 39.0
 123 11.7 9.1 13.7

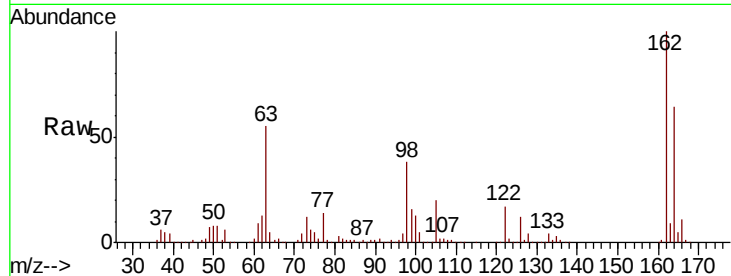




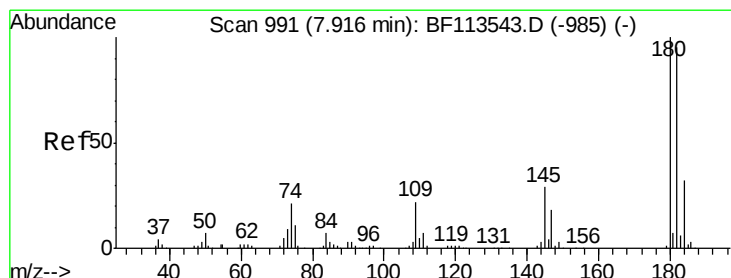
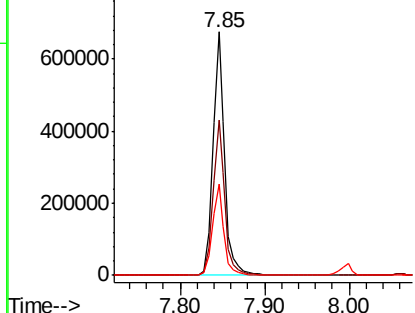
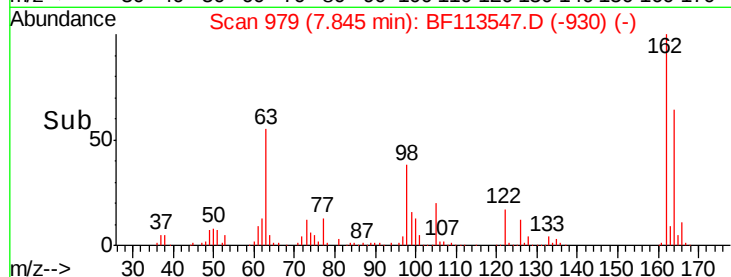
#29
2,4-Dichlorophenol
Concen: 88.072 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 663782
Ion Ratio Lower Upper
162 100
164 63.7 44.6 84.6
98 37.7 15.6 55.6

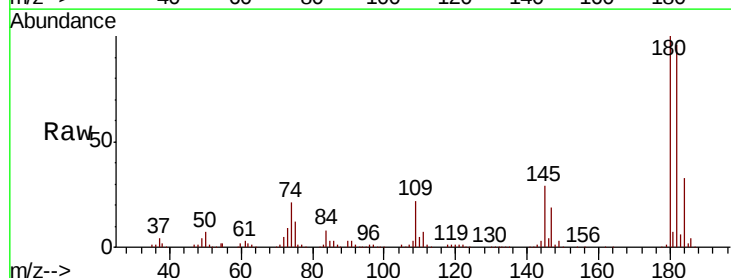


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

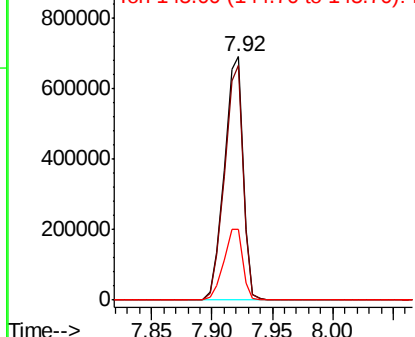
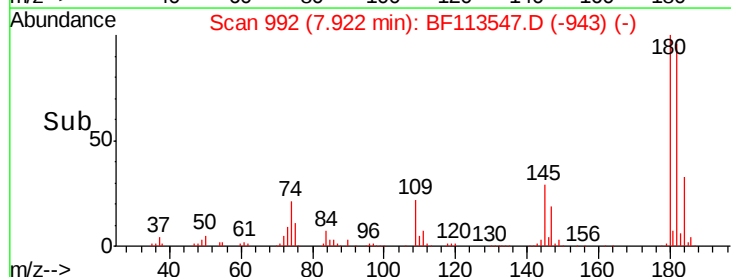


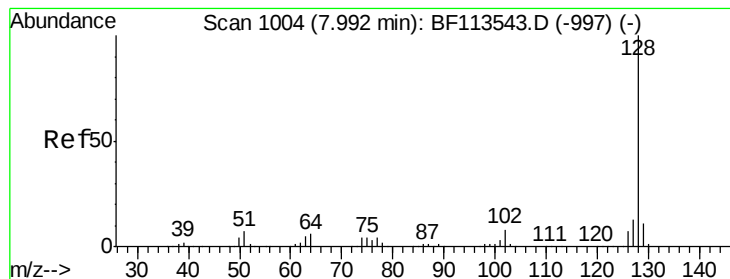
#30
1,2,4-Trichlorobenzene
Concen: 90.954 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Tgt Ion:180 Resp: 739592
Ion Ratio Lower Upper
180 100
182 96.4 74.6 111.8
145 29.0 23.4 35.0



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





#31

Naphthalene

Concen: 85.242 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampled :

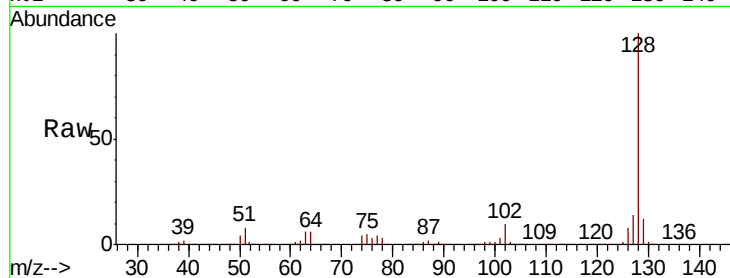
Tot Ion:128 Resp: 2167198

Ion Ratio Lower Upper

128 100

129 12.2 9.3 13.9

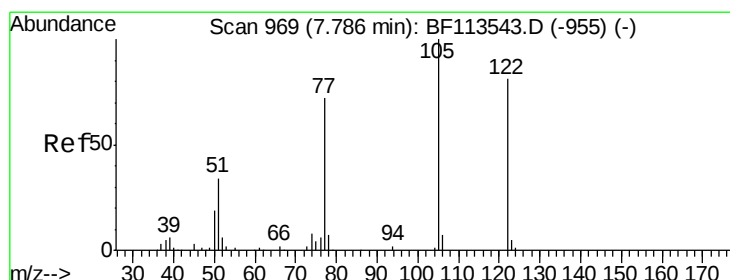
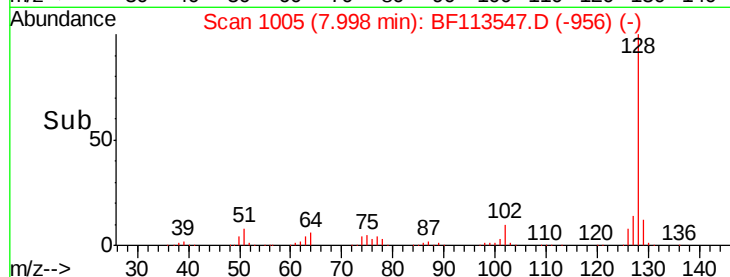
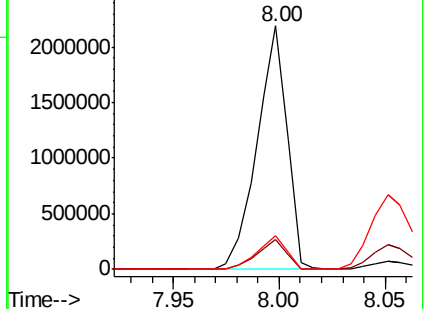
127 14.1 10.9 16.3



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: 97.718 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.04 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

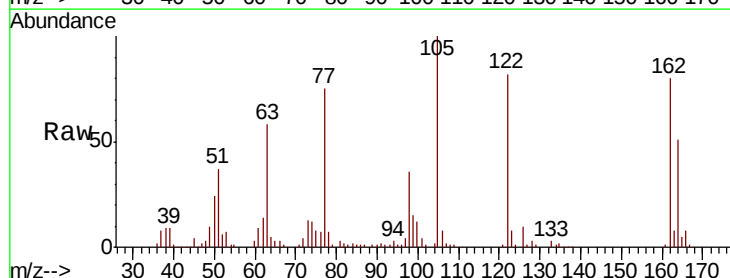
Tgt Ion:122 Resp: 547061

Ion Ratio Lower Upper

122 100

105 121.4 100.4 140.4

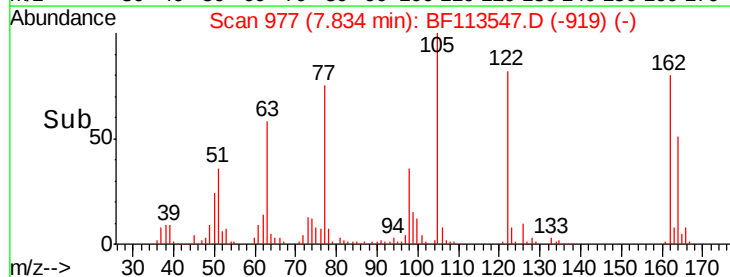
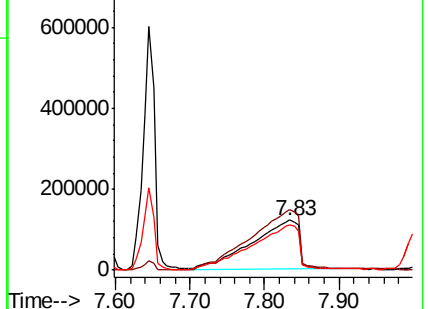
77 91.2 69.0 109.0

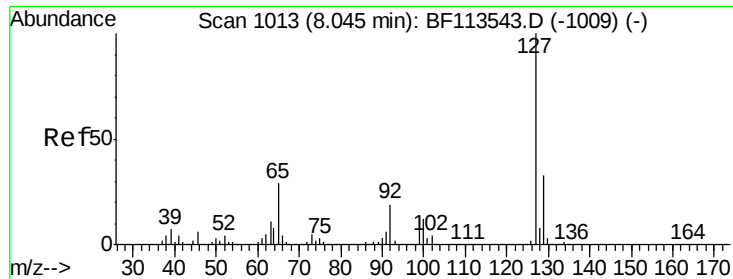


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

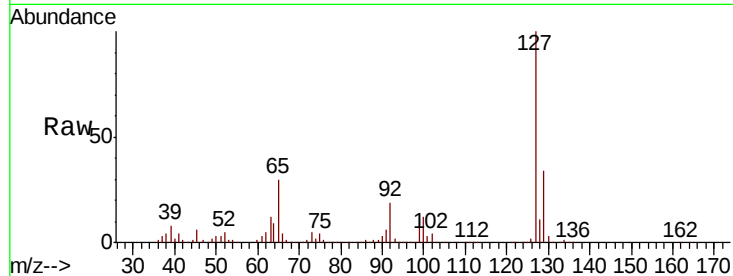




#33
4-Chloroaniline
Concen: 92.140 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	913488
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.3	39.5
65	30.1	24.2	36.4
92	19.1	15.0	22.6



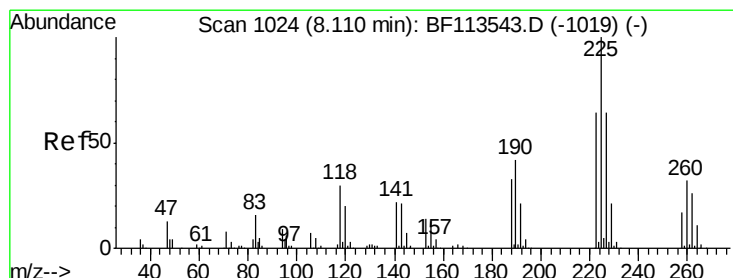
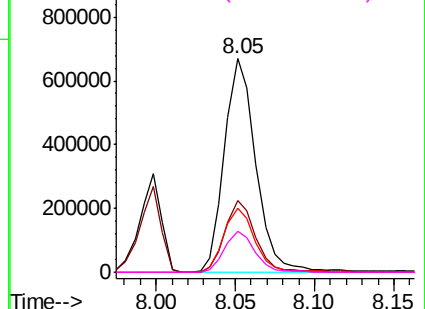
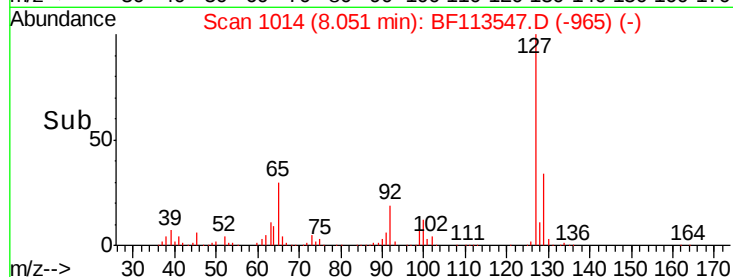
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

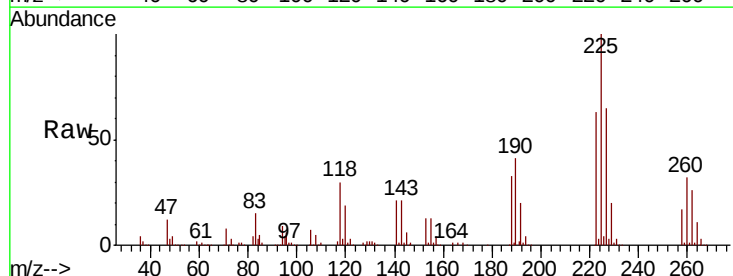
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 92.567 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Tgt Ion:	225	Resp:	447371
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.4	77.2
227	64.8	51.1	76.7

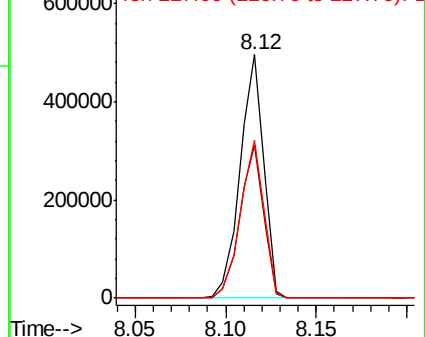
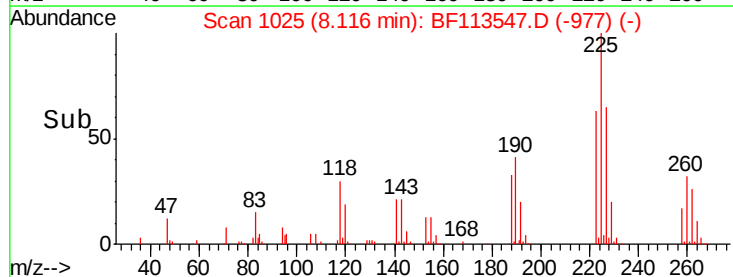


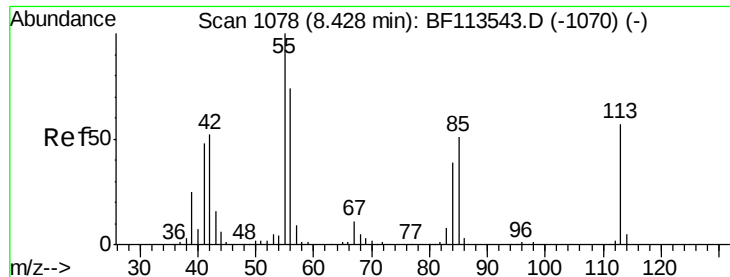
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

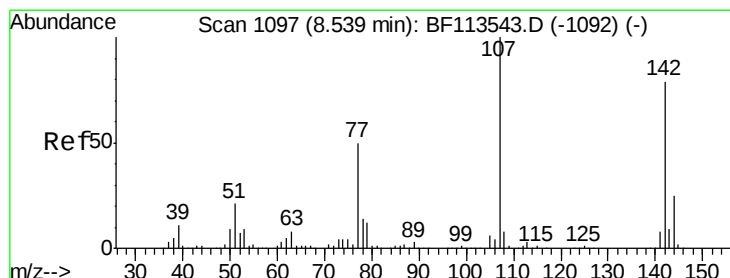
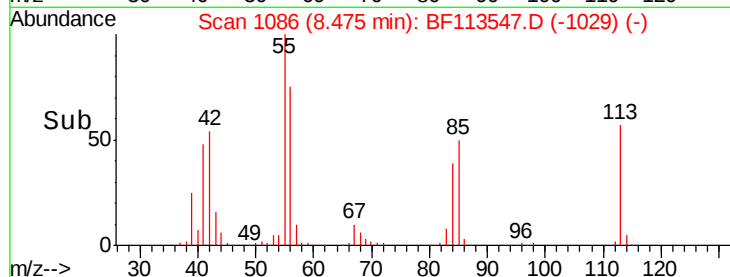
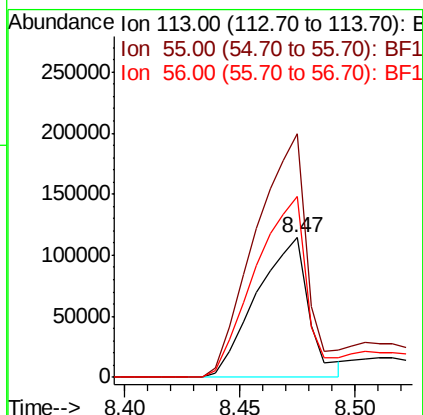
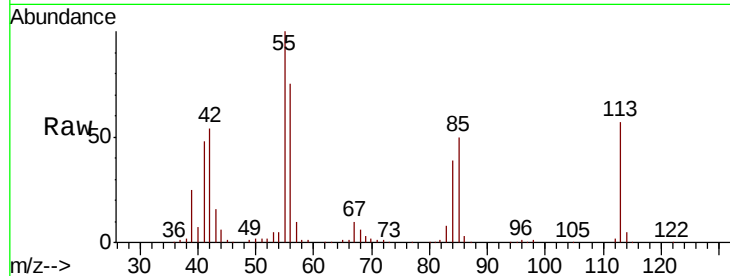




#35
 Caprolactam
 Concen: 74.180 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.04 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 15:20

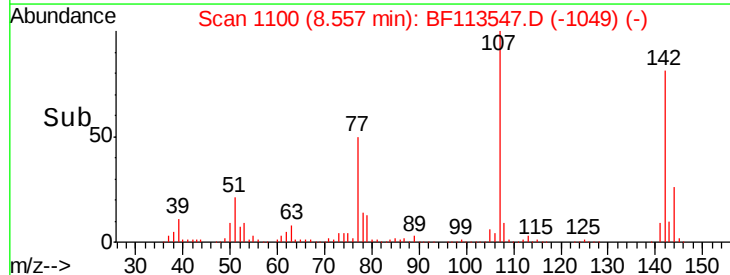
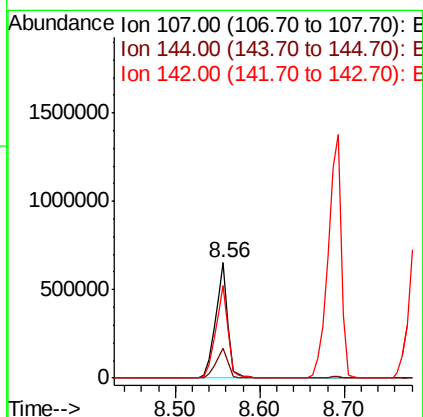
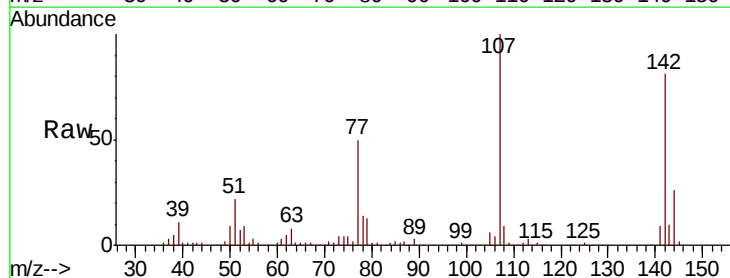
Instrument :
 BNA_F
 ClientSampleId :

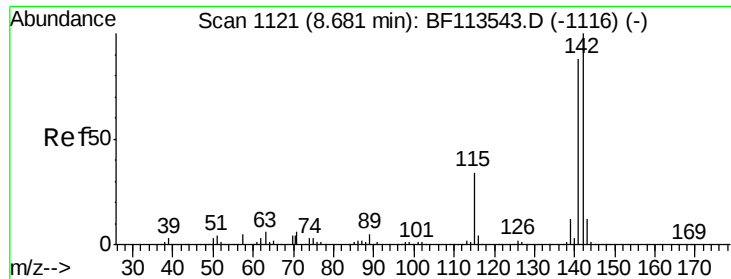
Tot Ion:113 Resp: 179433
 Ion Ratio Lower Upper
 113 100
 55 174.3 152.7 192.7
 56 129.9 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 90.290 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 15:20

Tgt Ion:107 Resp: 684451
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.4 32.0
 142 80.7 65.6 98.4

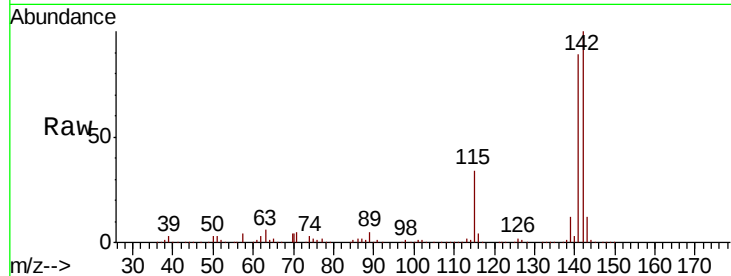




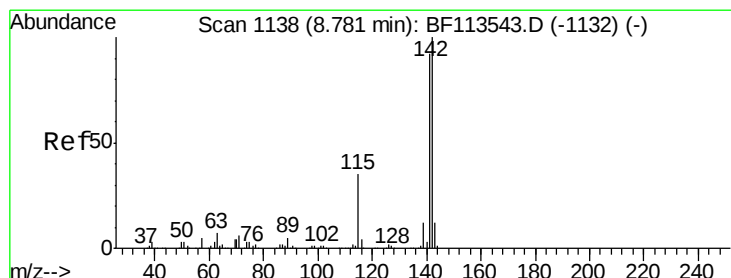
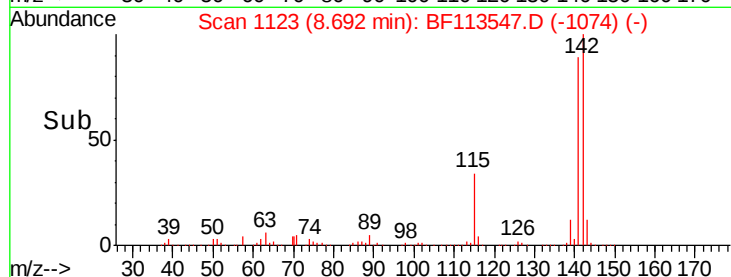
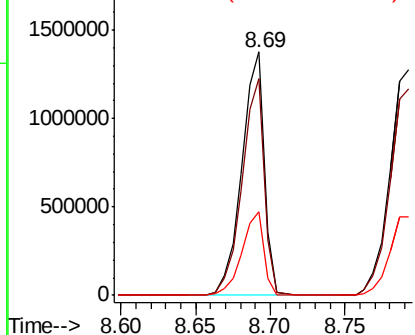
#37
2-Methylnaphthalene
Concen: 90.385 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1433857
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6
115 34.3 26.6 39.8

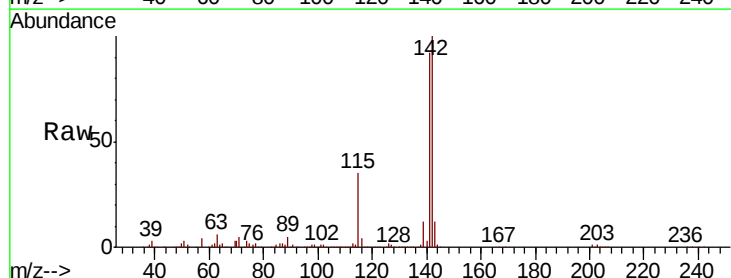


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

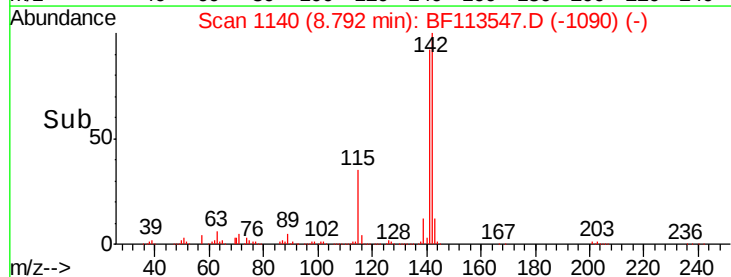
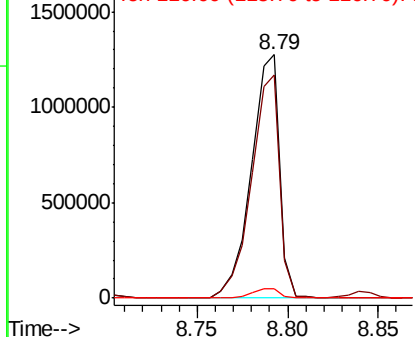


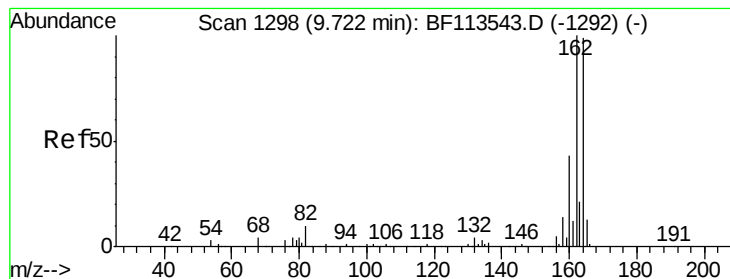
#38
1-Methylnaphthalene
Concen: 90.237 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Tgt Ion:142 Resp: 1376904
Ion Ratio Lower Upper
142 100
141 91.9 73.2 109.8
116 3.6 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: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampleId :

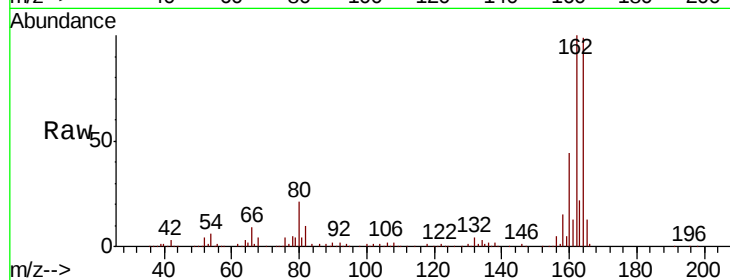
Tot Ion:164 Resp: 242555

Ion Ratio Lower Upper

164 100

162 100.5 81.8 122.6

160 44.0 36.4 54.6

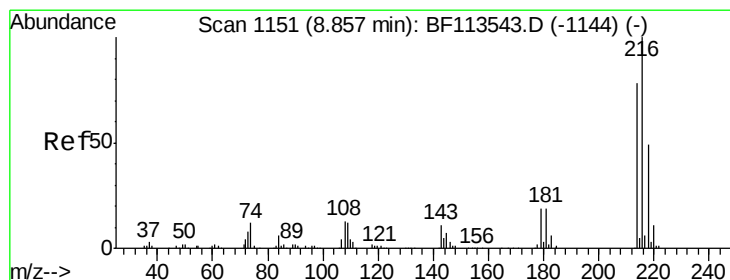
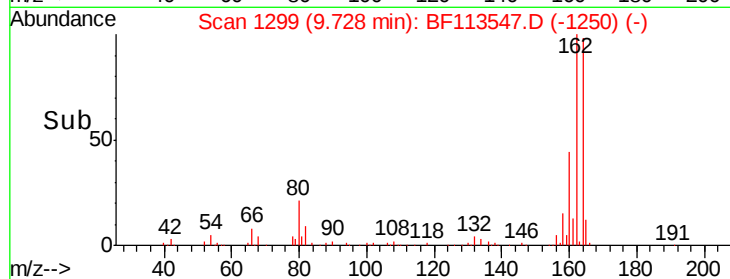
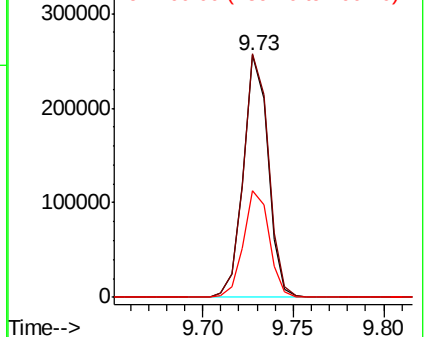


Abundance

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: 89.728 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Tgt Ion:216 Resp: 698618

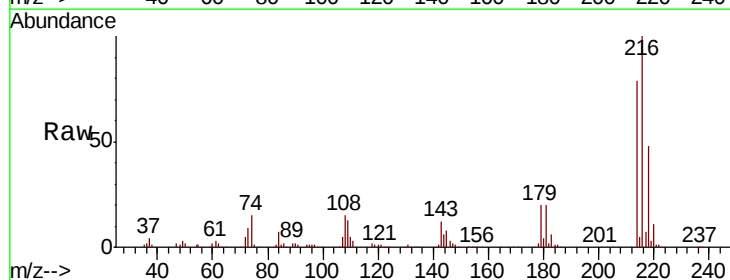
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.6

179 20.7 16.8 25.2

108 17.4 13.8 20.6



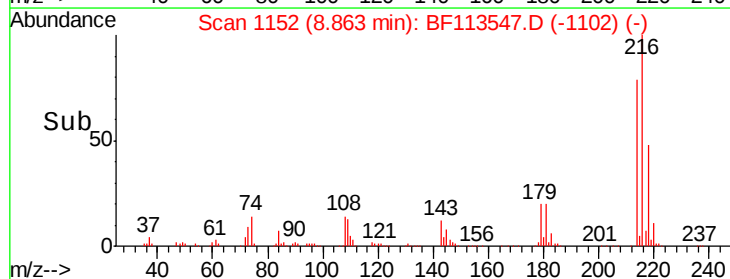
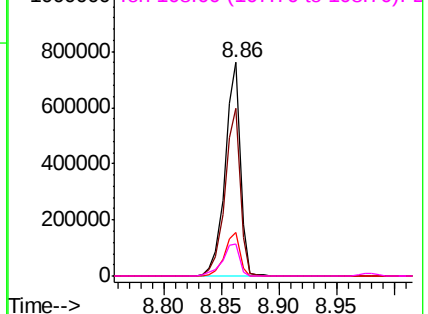
Abundance

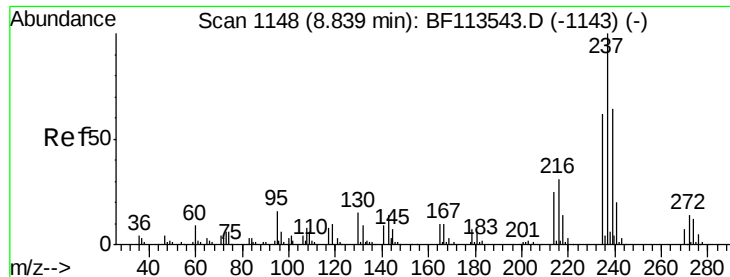
Ion 216.00 (215.70 to 216.70): E

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: 87.398 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampleId :

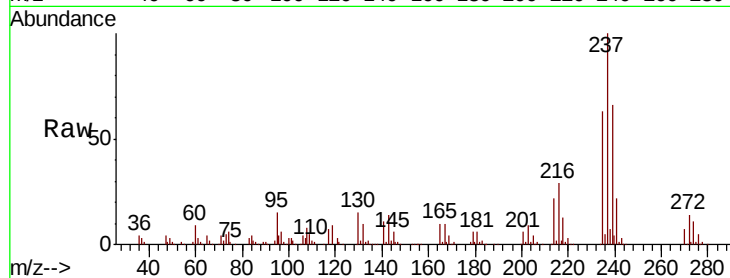
Tot Ion:237 Resp: 288028

Ion Ratio Lower Upper

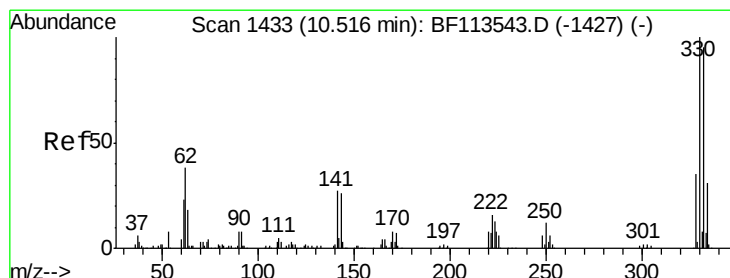
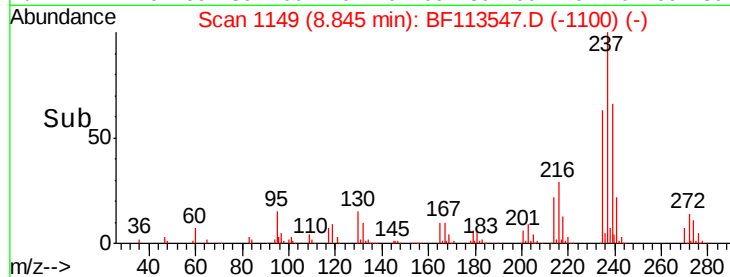
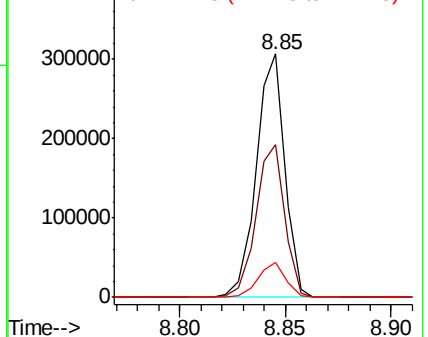
237 100

235 62.9 43.4 83.4

272 14.4 0.0 33.7



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: 168.252 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

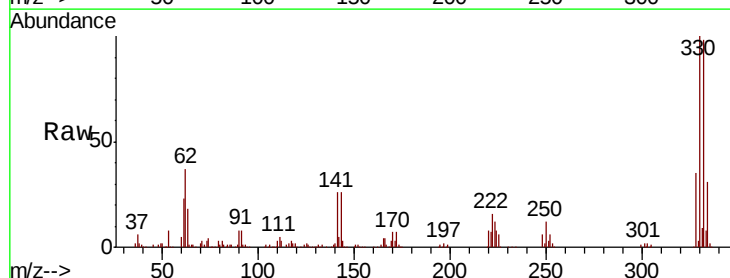
Tgt Ion:330 Resp: 504100

Ion Ratio Lower Upper

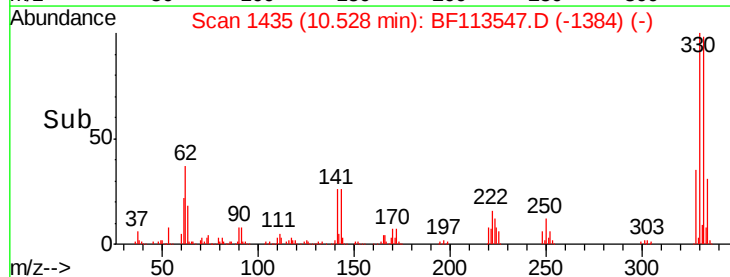
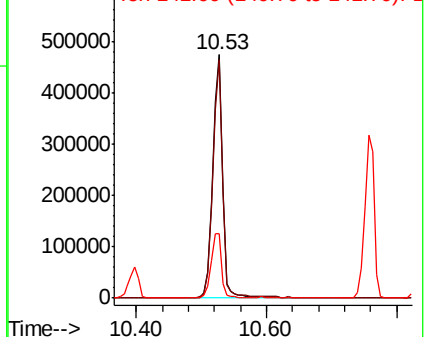
330 100

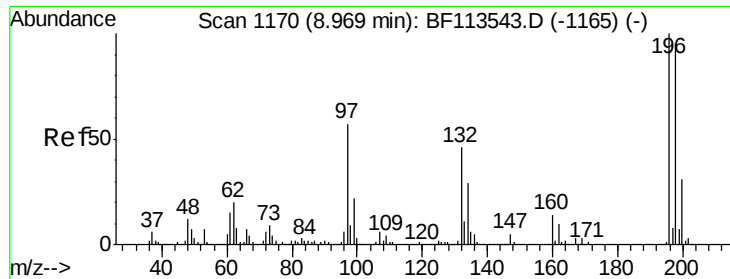
332 96.6 77.8 116.6

141 27.6 22.7 34.1



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

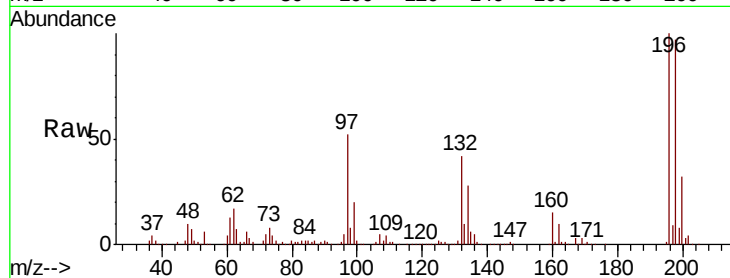




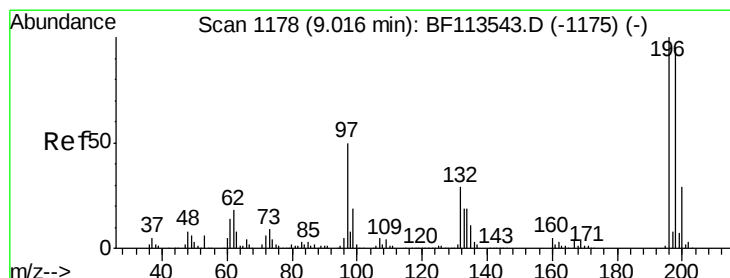
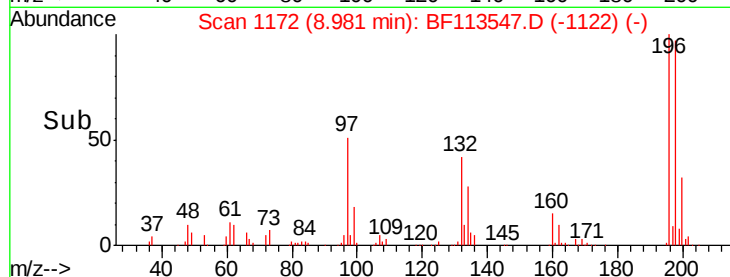
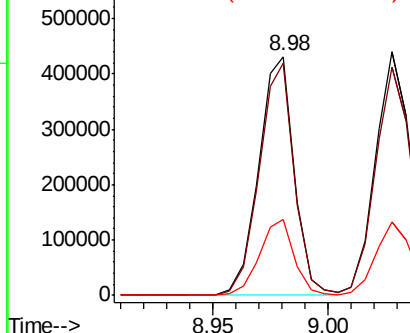
#43
 2,4,6-Trichlorophenol
 Concen: 91.089 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 15:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 461838
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.7 116.5
 200 31.7 24.9 37.3

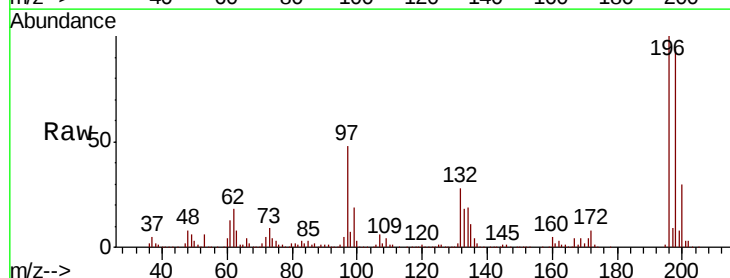


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

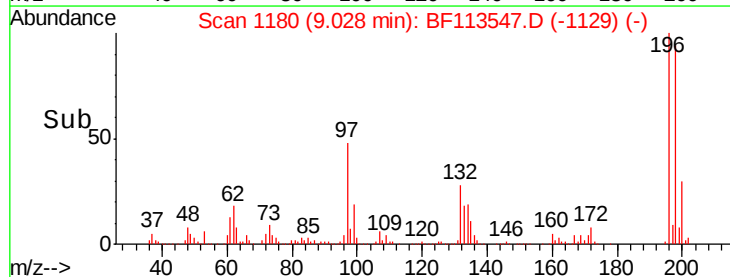
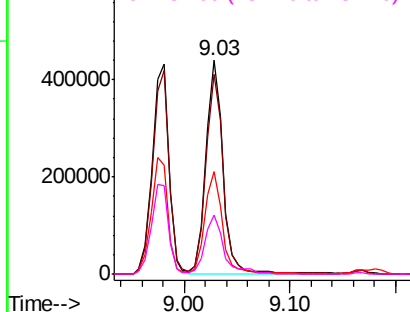


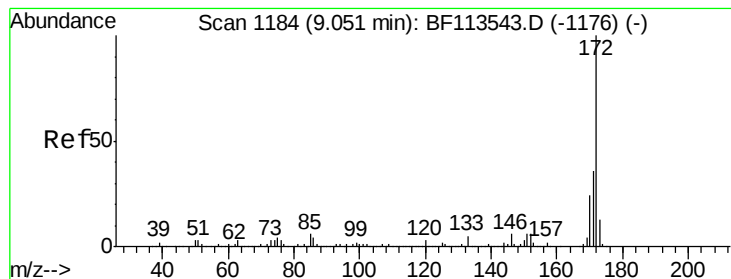
#44
 2,4,5-Trichlorophenol
 Concen: 87.730 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 15:20

Tgt Ion:196 Resp: 492267
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.4 113.2
 97 47.7 38.6 58.0
 132 27.7 22.9 34.3



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: 155.599 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampleId :

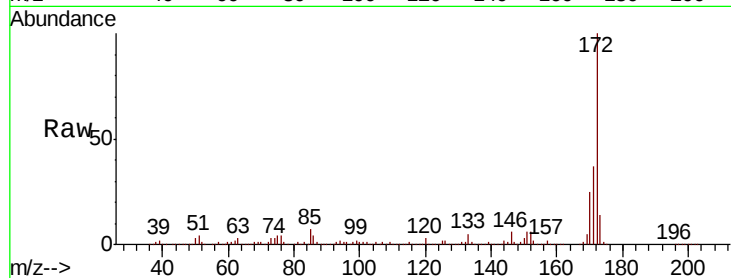
Tot Ion:172 Resp: 2573714

Ion Ratio Lower Upper

172 100

171 36.9 29.0 43.6

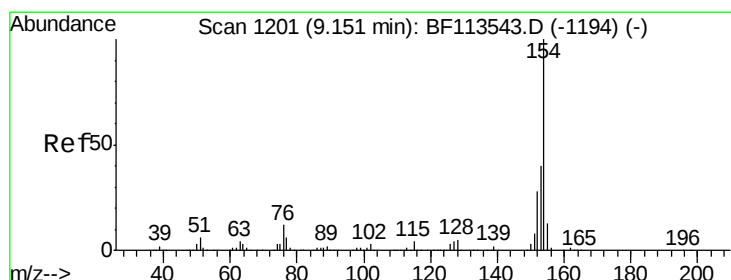
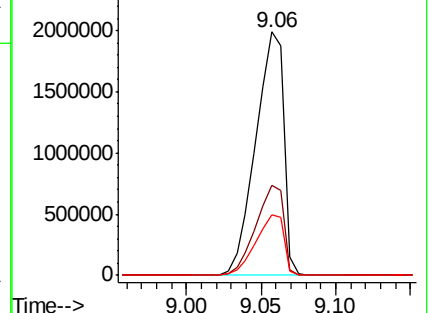
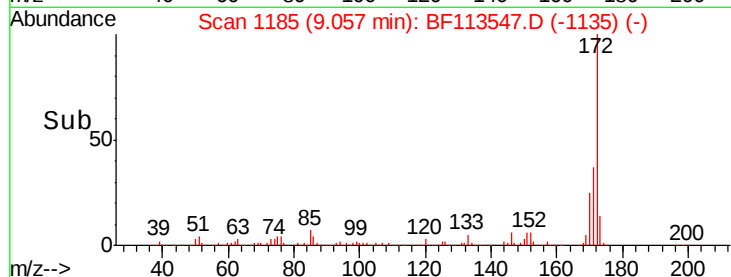
170 24.8 19.5 29.3



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: 85.428 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

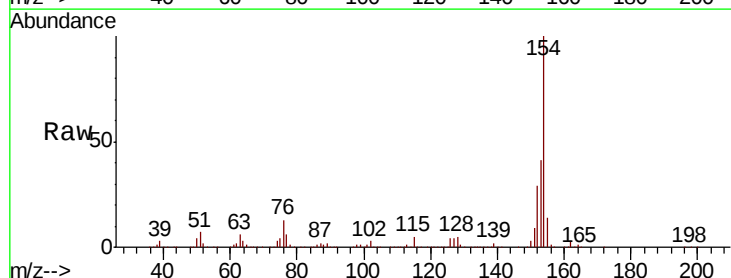
Tgt Ion:154 Resp: 1730608

Ion Ratio Lower Upper

154 100

153 41.4 20.8 60.8

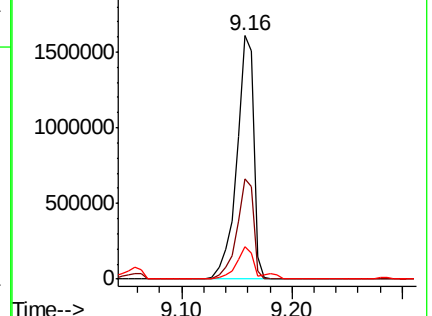
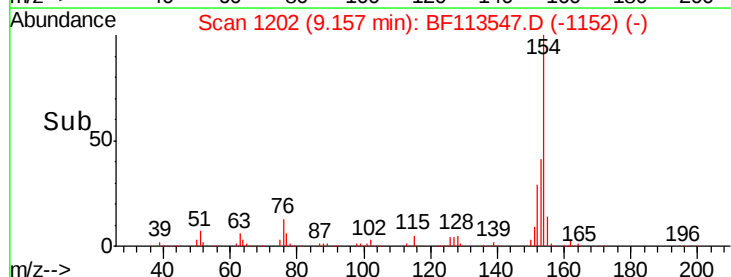
76 13.4 0.0 31.9

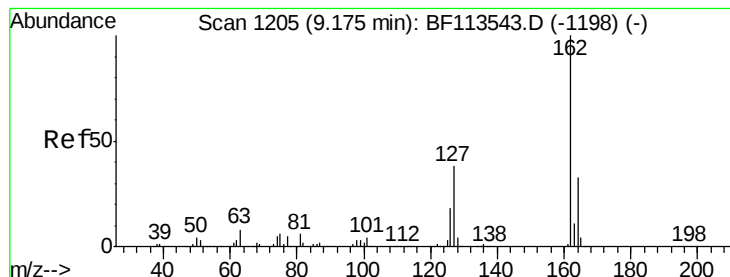


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 87.291 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampleId :

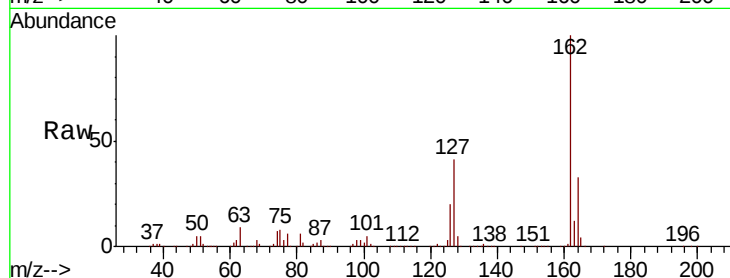
Tot Ion:162 Resp: 1361540

Ion Ratio Lower Upper

162 100

127 41.0 32.6 49.0

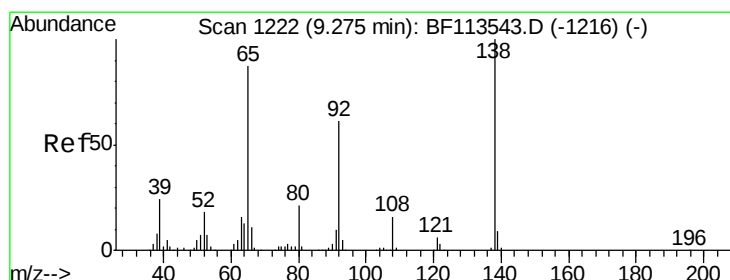
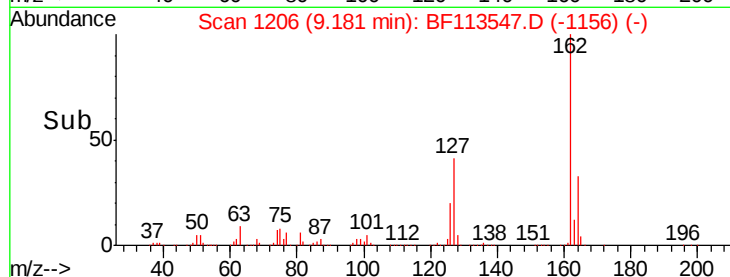
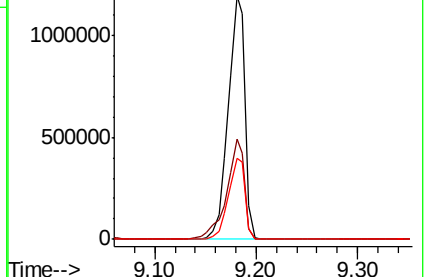
164 33.4 26.6 39.8



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: 89.055 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

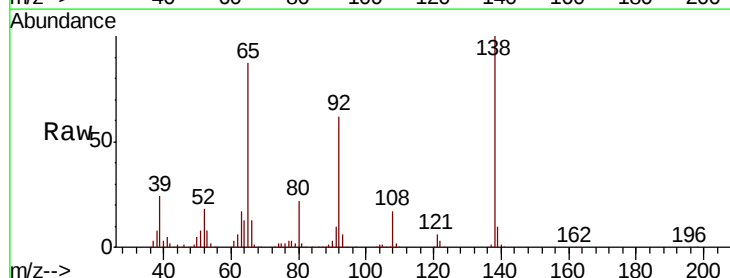
Tgt Ion: 65 Resp: 435912

Ion Ratio Lower Upper

65 100

92 70.8 56.8 85.2

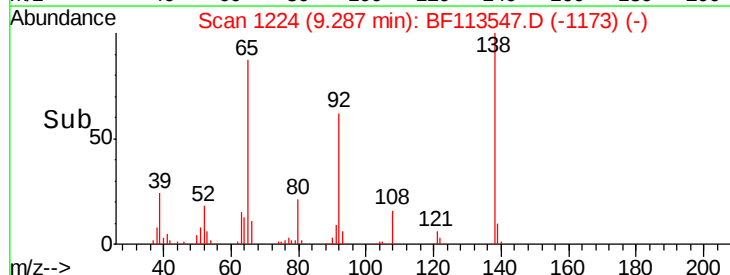
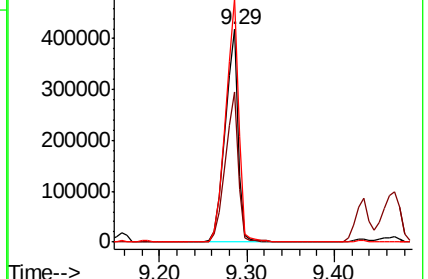
138 114.6 92.3 138.5

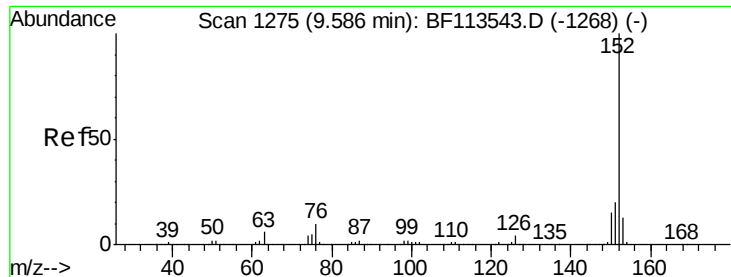


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 82.273 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampled :

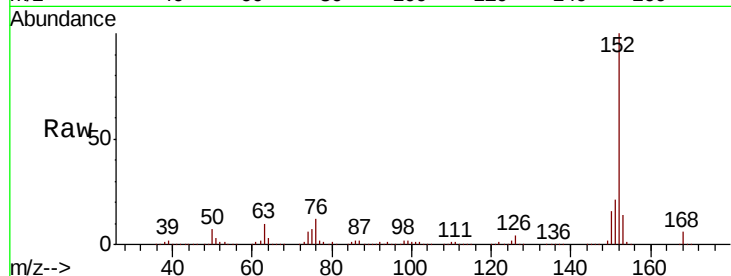
Tot Ion:152 Resp: 2074940

Ion Ratio Lower Upper

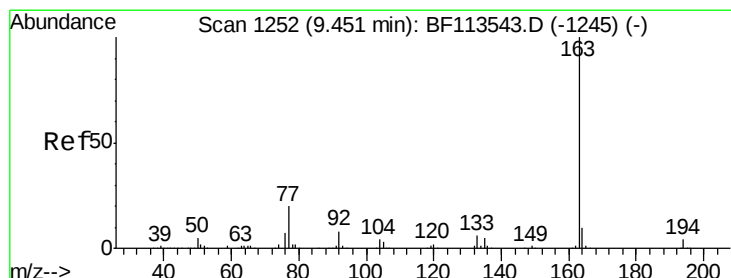
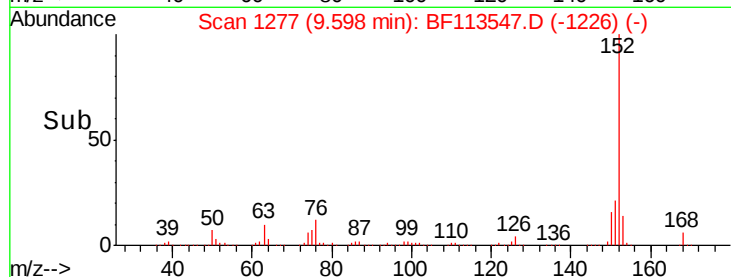
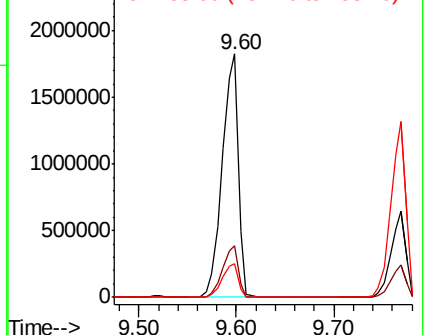
152 100

151 21.2 16.2 24.4

153 14.0 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: 92.297 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

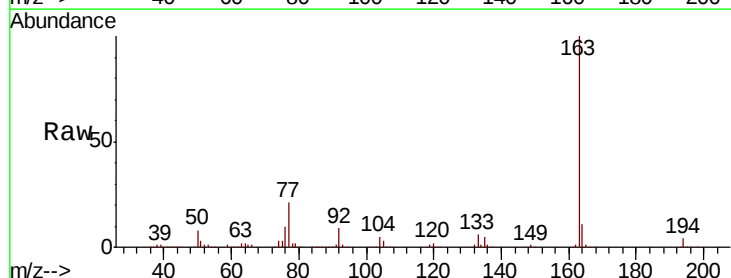
Tgt Ion:163 Resp: 1659062

Ion Ratio Lower Upper

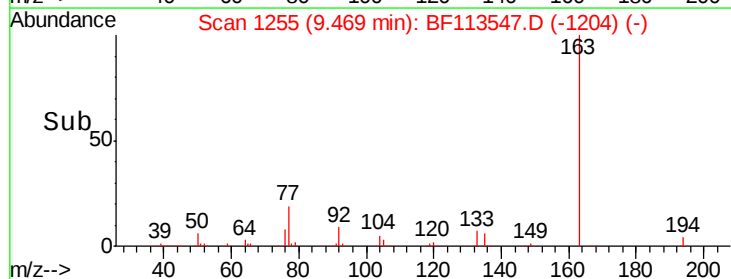
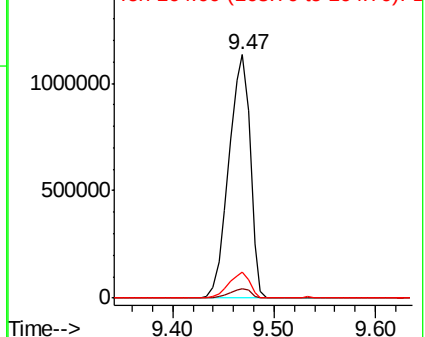
163 100

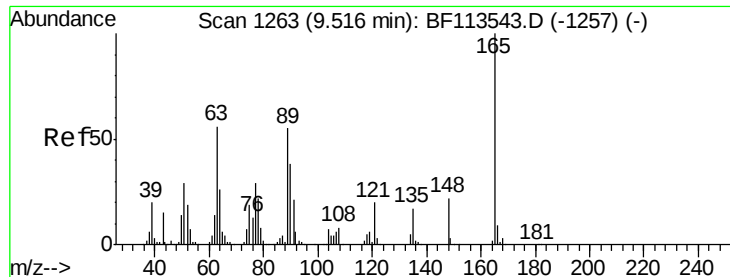
194 4.0 3.0 4.6

164 10.5 8.1 12.1



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

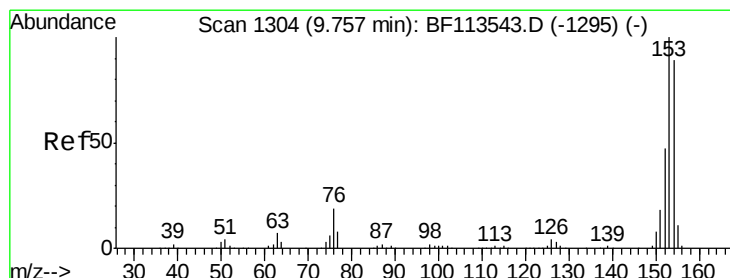
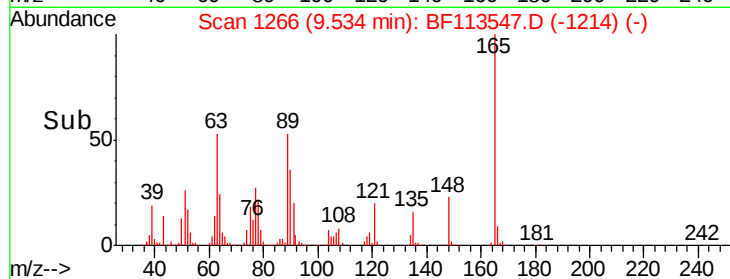
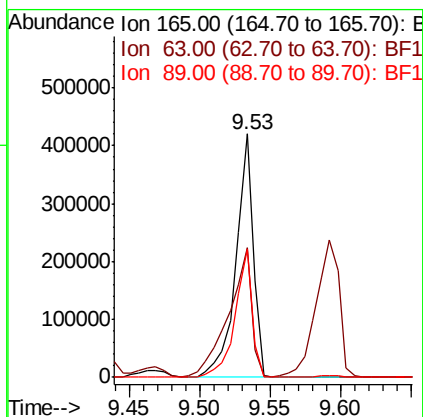
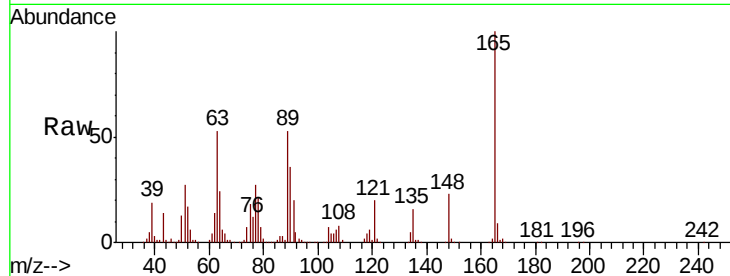




#51
 2,6-Dinitrotoluene
 Concen: 88.983 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 15:20

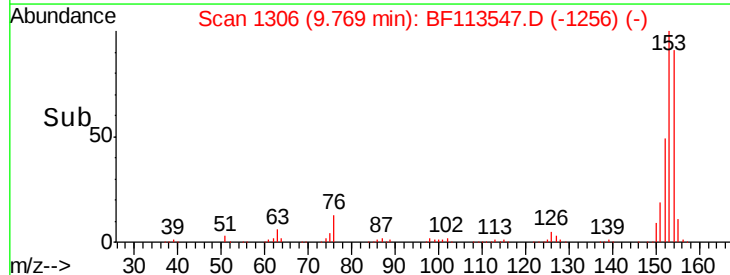
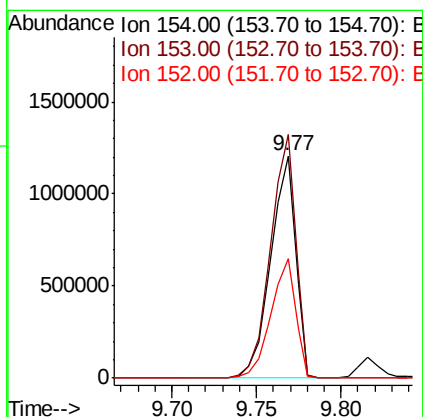
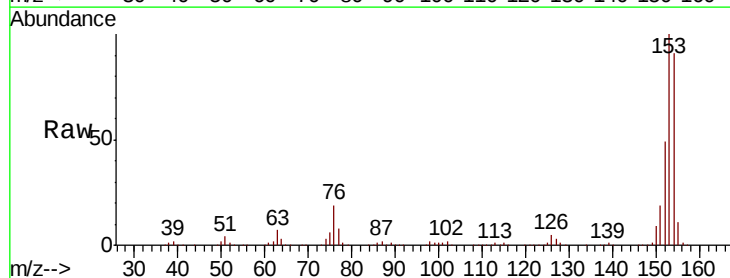
Instrument :
 BNA_F
 ClientSampleId :

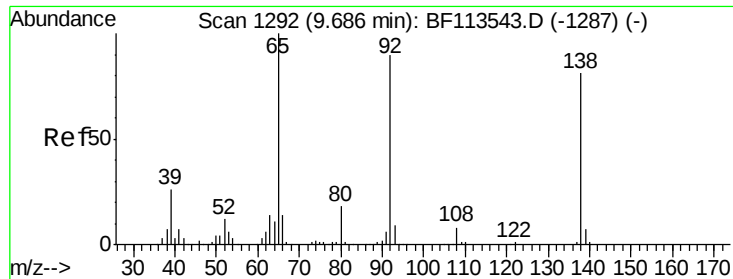
Tot Ion:165 Resp: 360842
 Ion Ratio Lower Upper
 165 100
 63 53.3 43.4 65.0
 89 52.8 43.1 64.7



#52
 Acenaphthene
 Concen: 87.157 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 15:20

Tgt Ion:154 Resp: 1237866
 Ion Ratio Lower Upper
 154 100
 153 109.5 89.5 134.3
 152 53.8 43.3 64.9

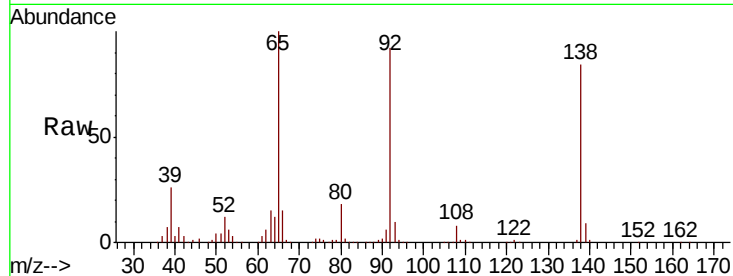




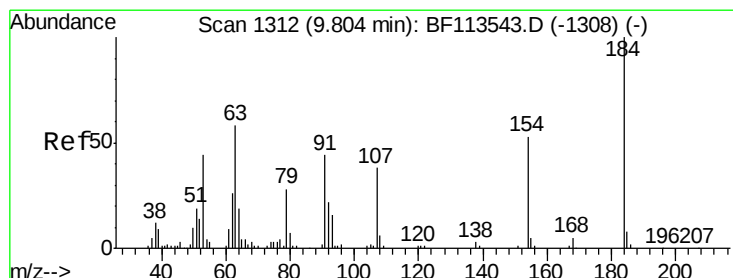
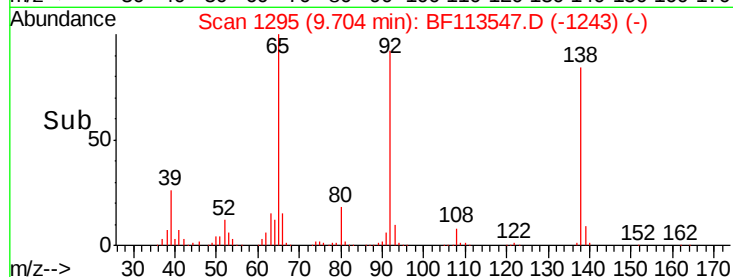
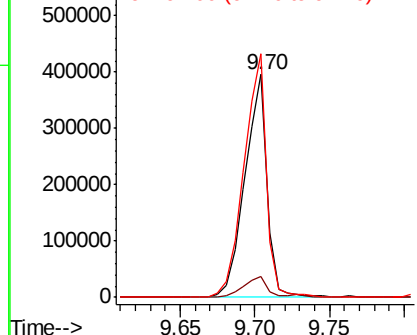
#53
3-Nitroaniline
Concen: 89.148 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 407683
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.6
92 109.3 82.6 124.0

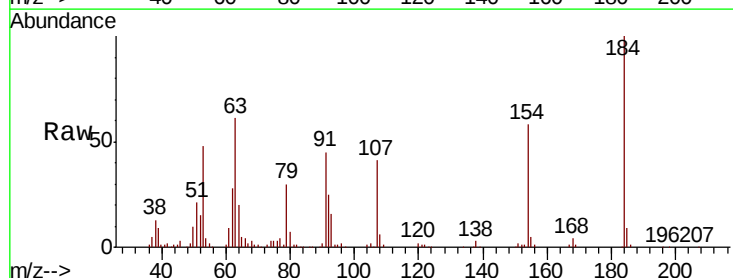


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

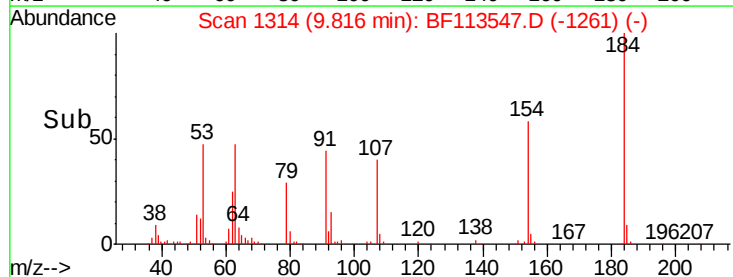
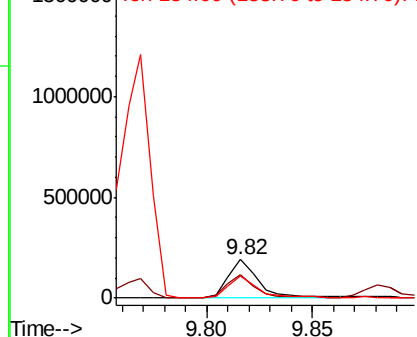


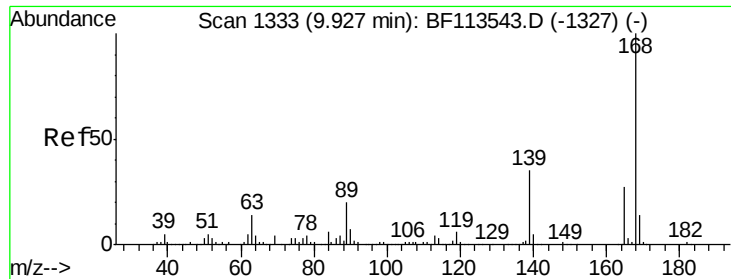
#54
2,4-Dinitrophenol
Concen: 96.130 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Tgt Ion:184 Resp: 193884
Ion Ratio Lower Upper
184 100
63 60.8 54.3 81.5
154 58.4 48.4 72.6



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

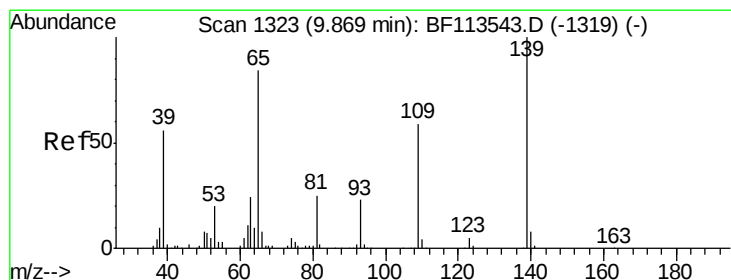
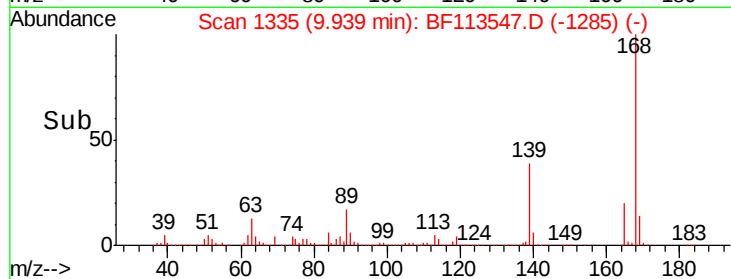
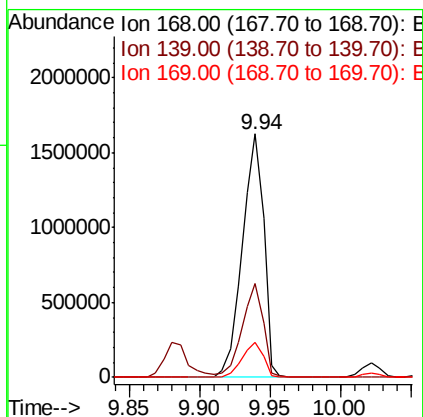
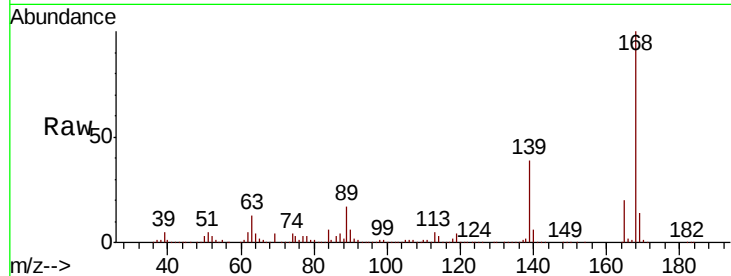




#55
Dibenzofuran
Concen: 80.918 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

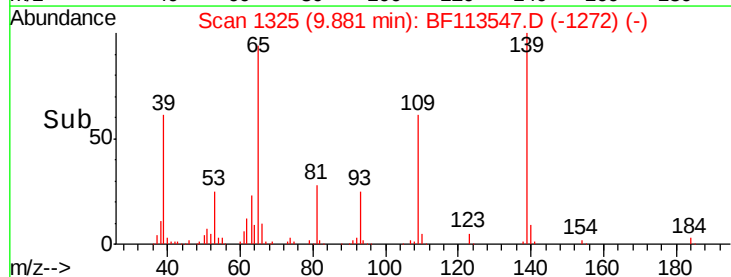
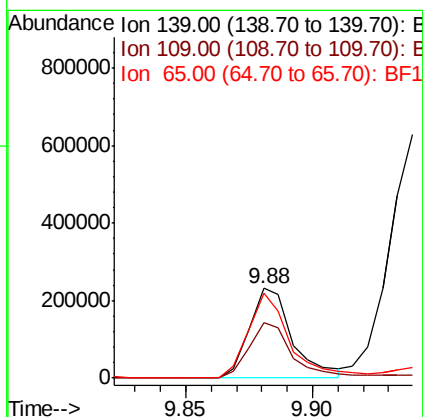
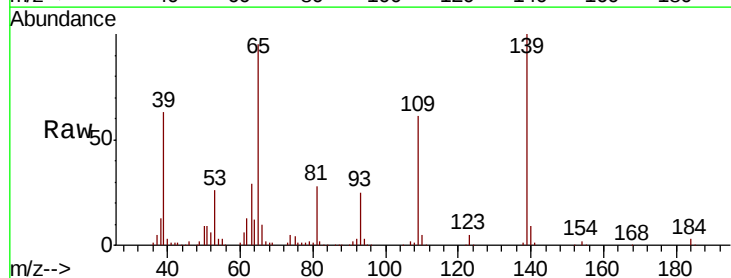
Instrument :
BNA_F
ClientSampleId :

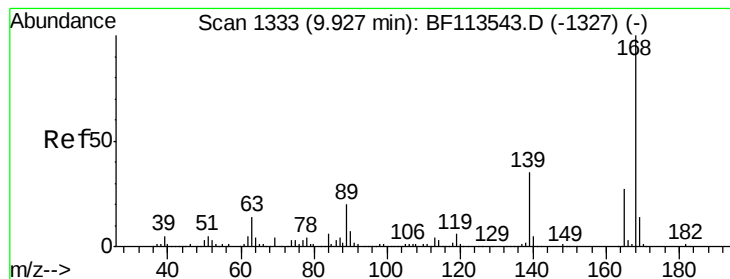
Tot Ion:168 Resp: 1727712
Ion Ratio Lower Upper
168 100
139 38.6 29.7 44.5
169 14.2 10.7 16.1



#56
4-Nitrophenol
Concen: 84.143 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Tgt Ion:139 Resp: 274331
Ion Ratio Lower Upper
139 100
109 61.3 46.9 86.9
65 94.9 77.2 117.2





#57

2,4-Dinitrotoluene

Concen: 79.880 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 411936

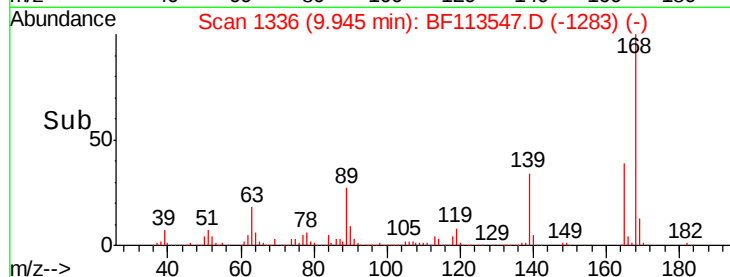
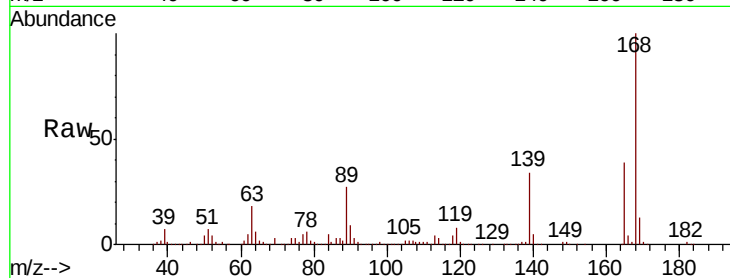
Ion Ratio Lower Upper

165 100

63 47.0 37.5 56.3

89 69.9 57.4 86.2

182 2.6 2.0 3.0

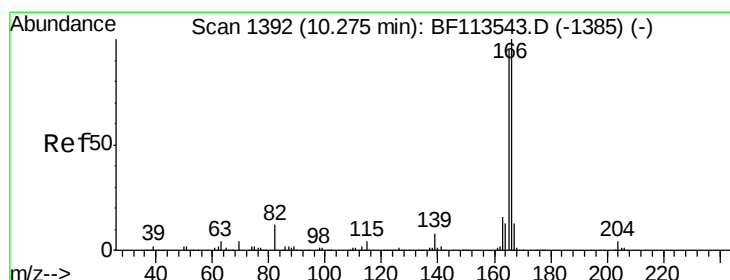
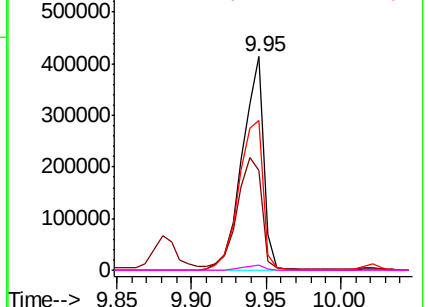


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 81.691 ng

RT: 10.29 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

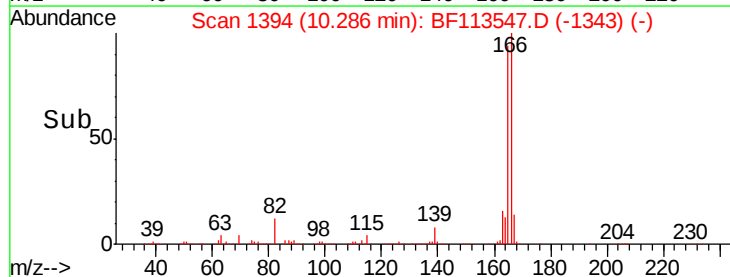
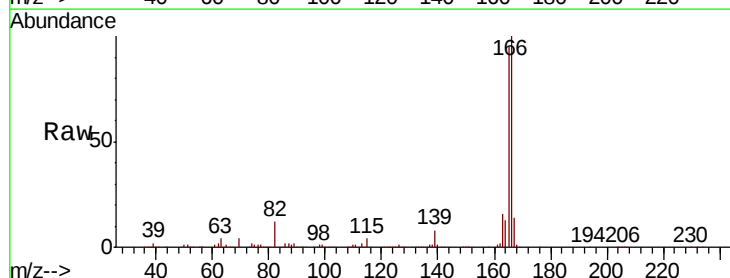
Tgt Ion:166 Resp: 1354991

Ion Ratio Lower Upper

166 100

165 94.5 76.2 114.2

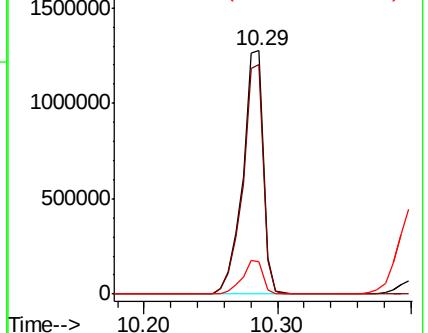
167 13.5 10.7 16.1

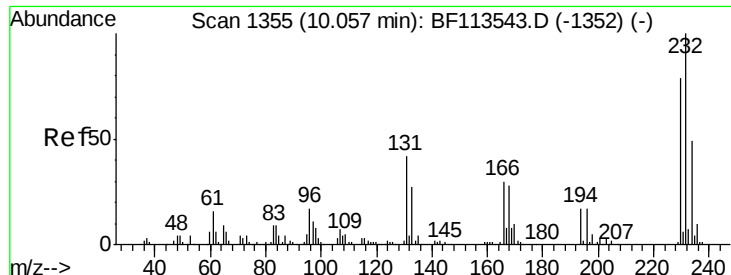


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

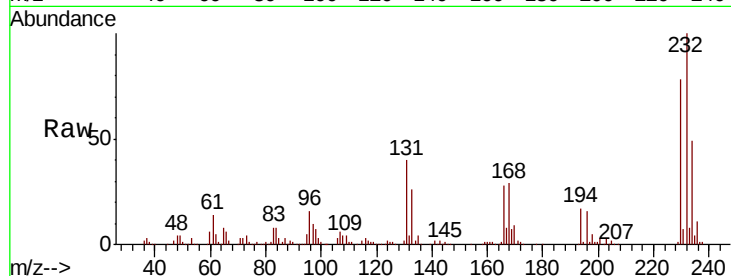




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 88.547 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 15:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.1	33.2	49.8
130	2.1	1.6	2.4
166	28.3	21.0	31.6



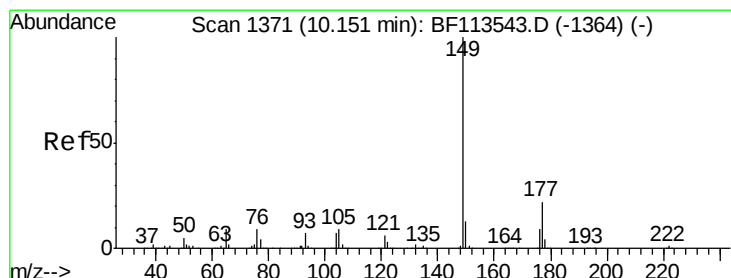
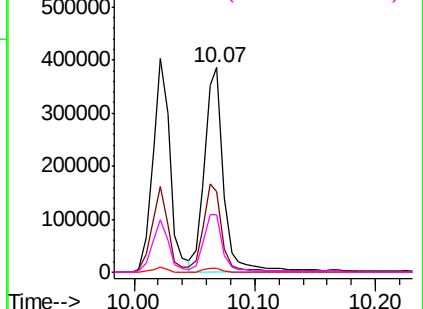
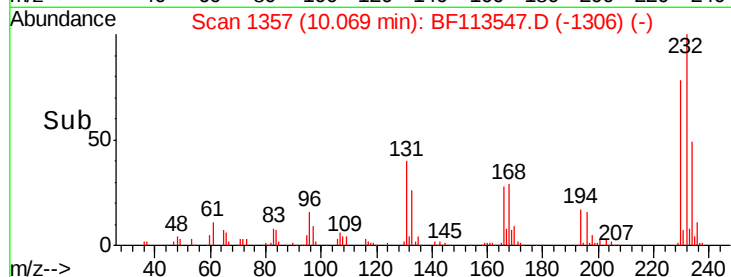
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

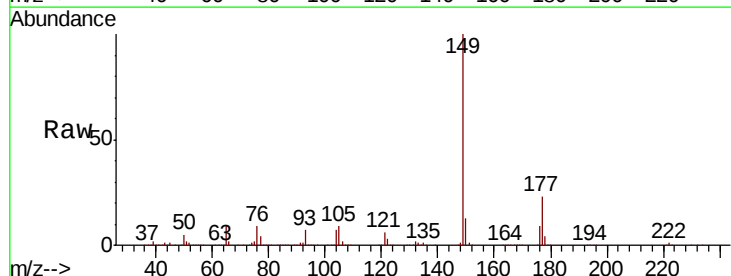
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 86.577 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF113547.D
 Acq: 3 Apr 2019 15:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	17.4	26.0
150	12.8	10.0	15.0

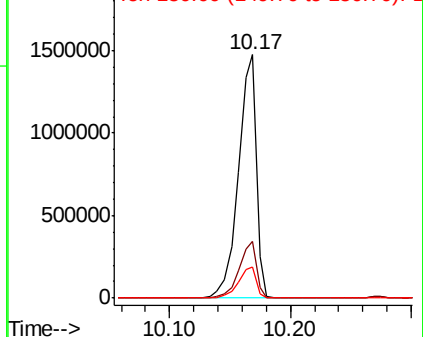
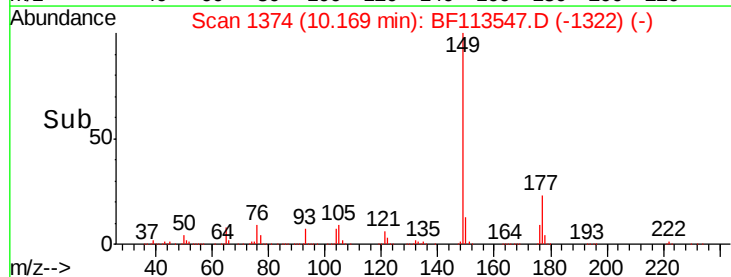


Abundance

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

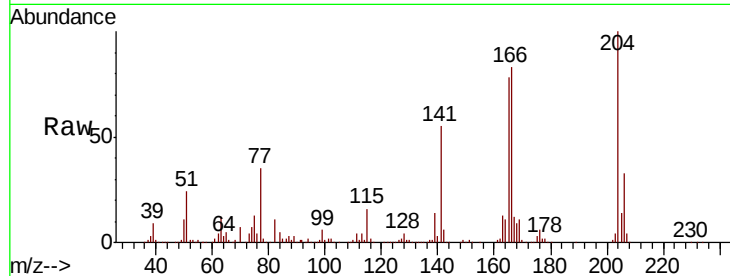




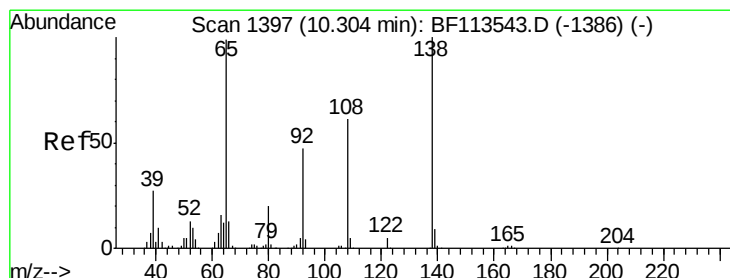
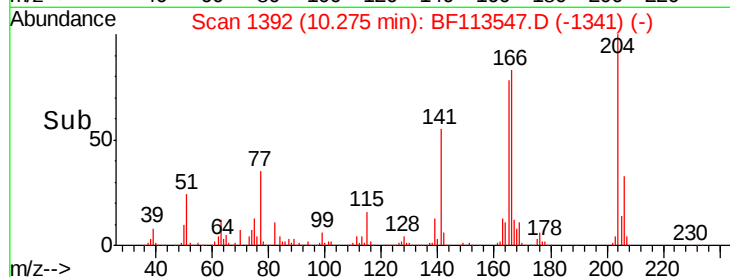
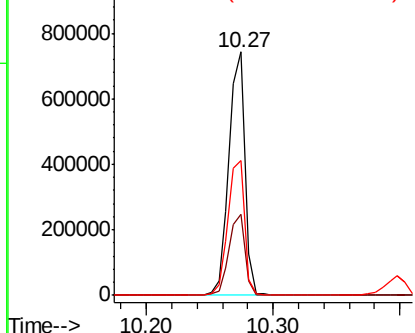
#61
4-Chlorophenyl-phenylether
Concen: 80.723 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 652574
Ion Ratio Lower Upper
204 100
206 33.4 26.9 40.3
141 55.4 48.8 73.2

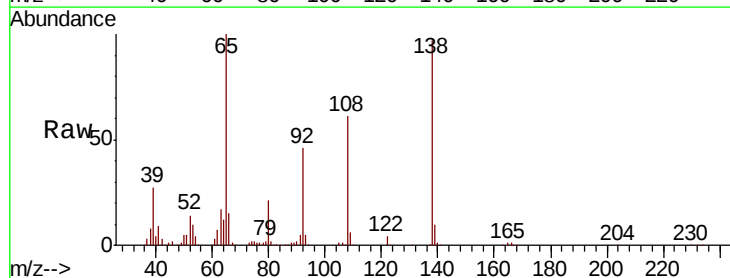


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

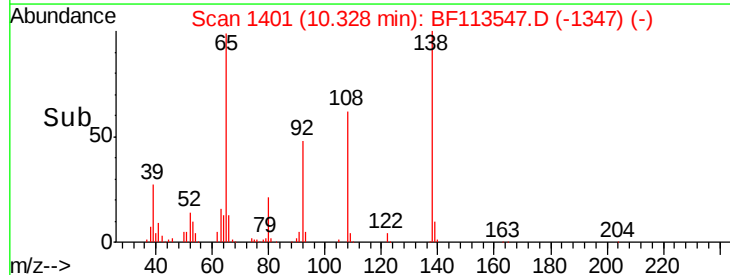
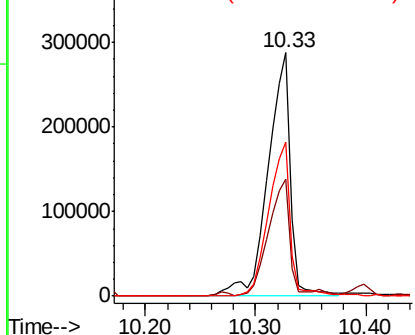


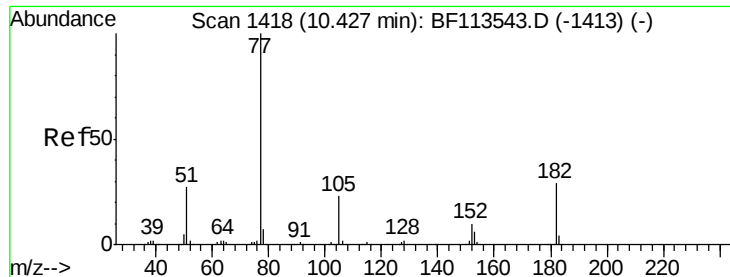
#62
4-Nitroaniline
Concen: 87.244 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.02 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Tgt Ion:138 Resp: 410780
Ion Ratio Lower Upper
138 100
92 47.9 25.8 65.8
108 63.1 44.0 84.0



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: 87.518 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1452714

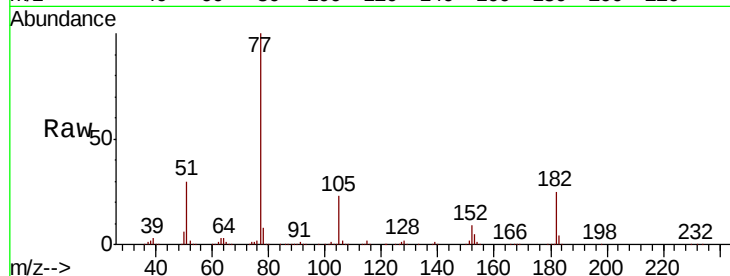
Ion	Ratio	Lower	Upper
77	100		
182	25.4	8.7	48.7
105	22.7	2.9	42.9
51	30.3	8.8	48.8

77 100

182 25.4 8.7 48.7

105 22.7 2.9 42.9

51 30.3 8.8 48.8

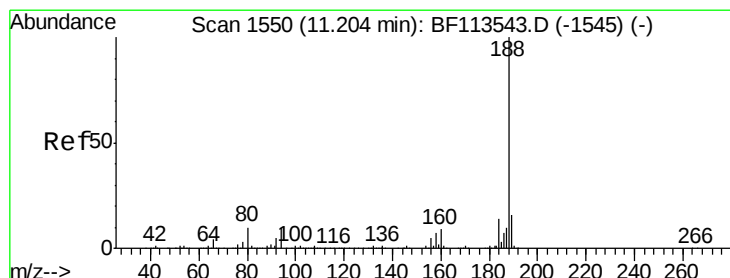
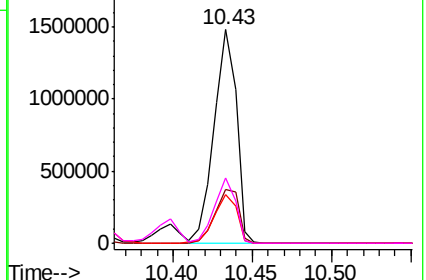
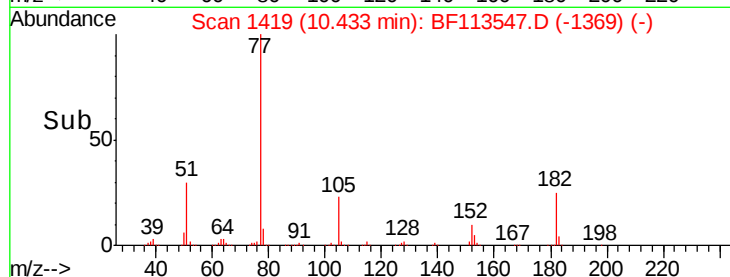


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

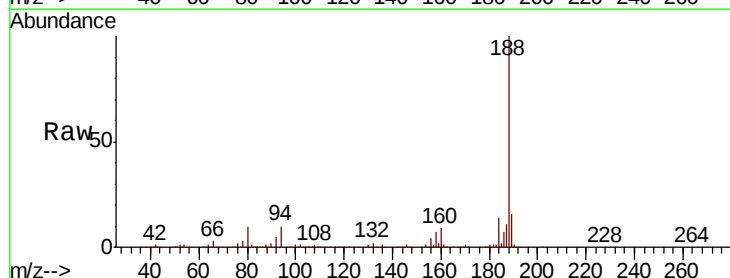
Tgt Ion: 188 Resp: 465328

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.0	10.6
80	10.0	7.7	11.5

188 100

94 9.5 7.0 10.6

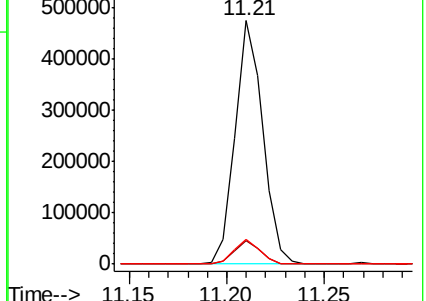
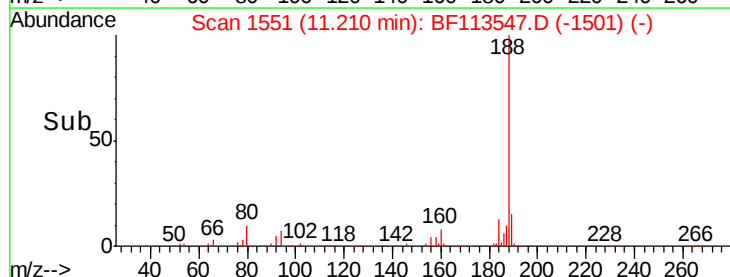
80 10.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

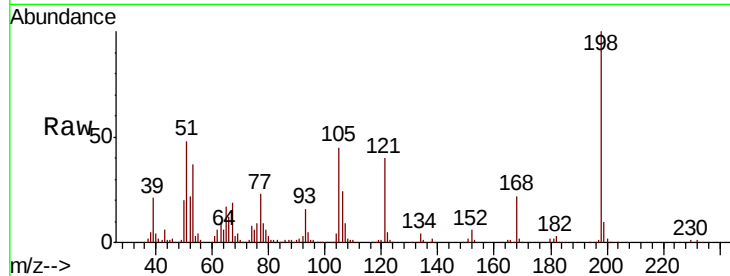




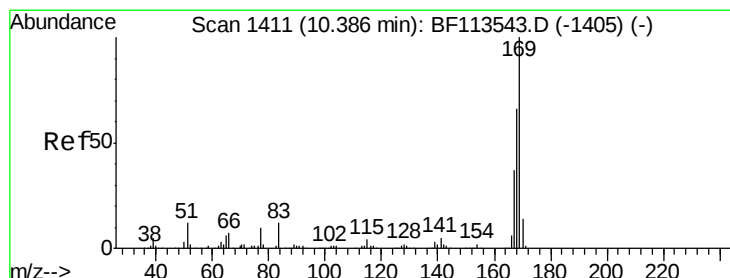
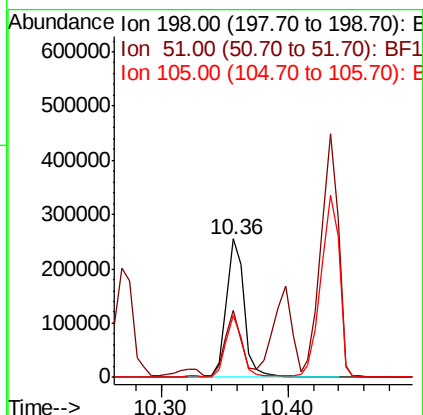
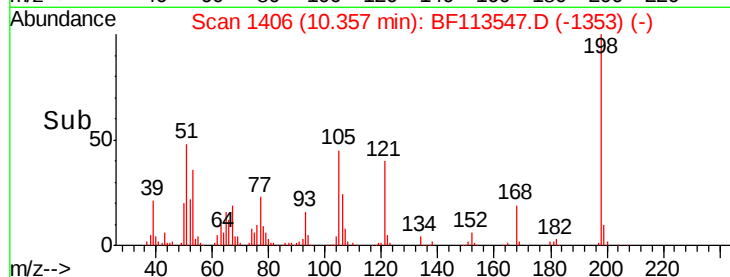
#65
4,6-Dinitro-2-methylphenol
Concen: 97.642 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 248553
Ion Ratio Lower Upper
198 100
51 48.4 21.6 61.6
105 45.1 20.6 60.6

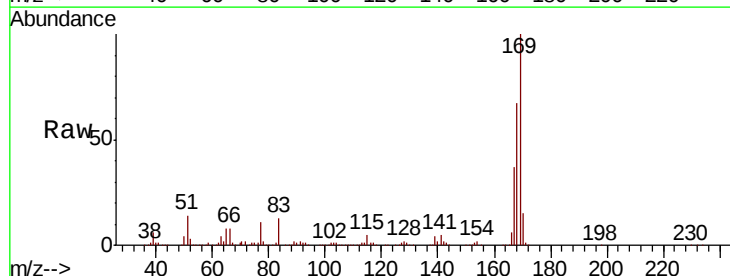


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

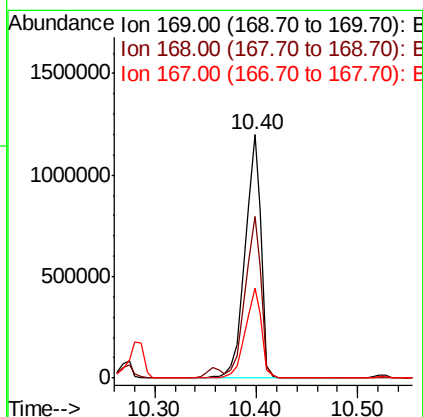
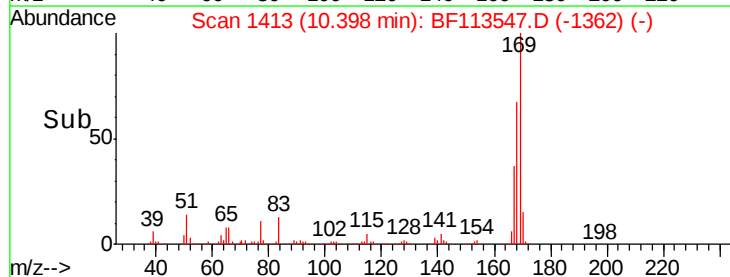


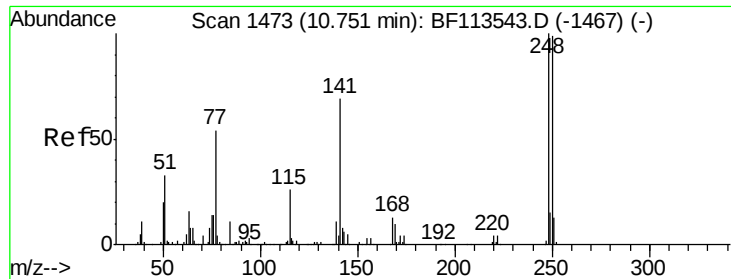
#66
n-Nitrosodiphenylamine
Concen: 91.179 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Tgt Ion:169 Resp: 1301920
Ion Ratio Lower Upper
169 100
168 66.6 53.7 80.5
167 37.2 29.5 44.3



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

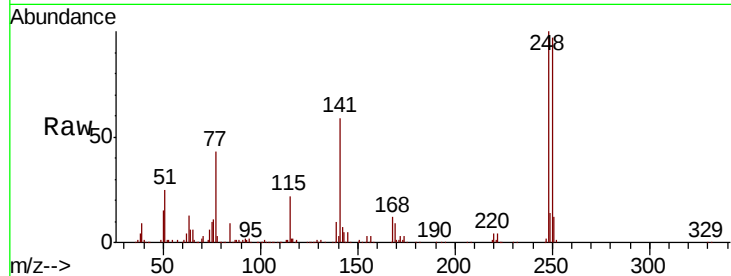




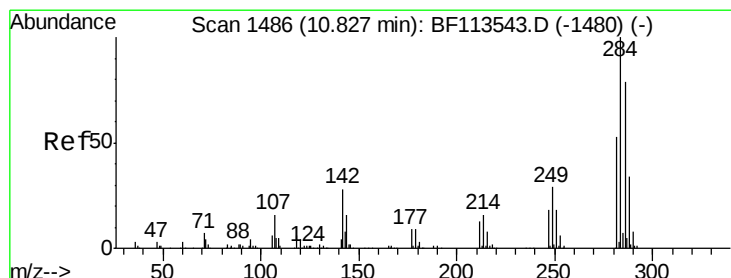
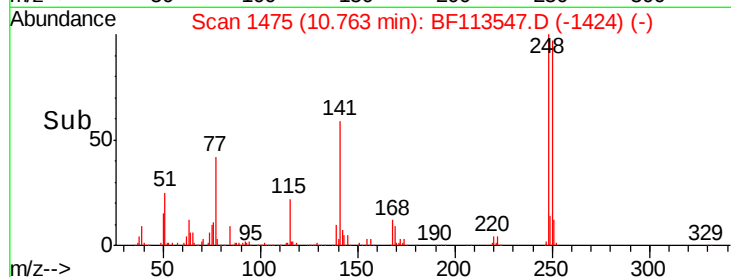
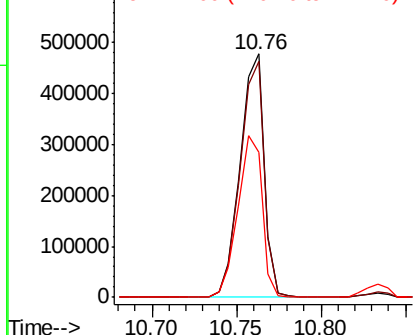
#67
4-Bromophenyl-phenylether
Concen: 94.019 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 476835
Ion Ratio Lower Upper
248 100
250 96.9 78.3 117.5
141 59.5 56.2 84.4

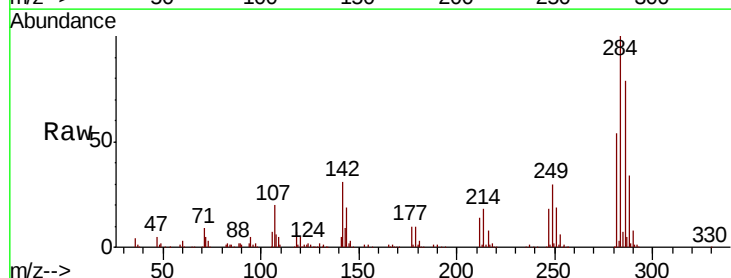


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

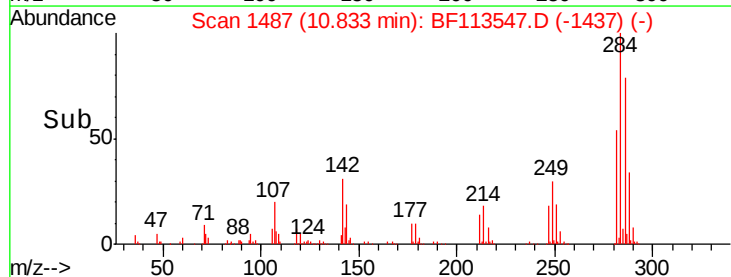
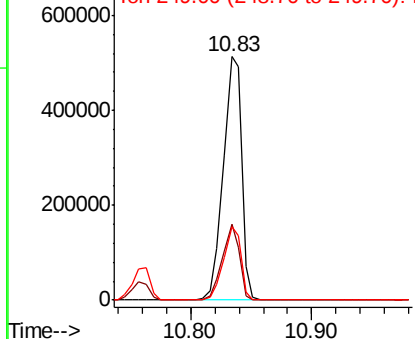


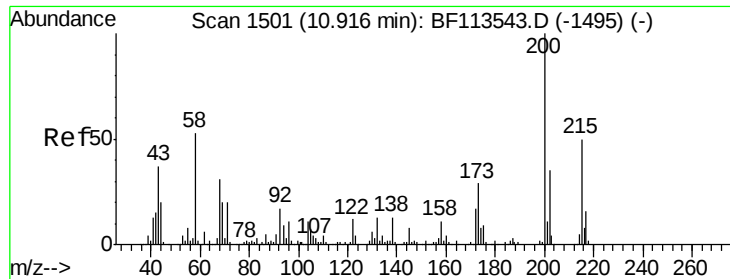
#68
Hexachlorobenzene
Concen: 91.490 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Tgt Ion:284 Resp: 538593
Ion Ratio Lower Upper
284 100
142 31.2 20.1 30.1#
249 30.0 22.7 34.1



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: 87.681 ng

RT: 10.93 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampleId :

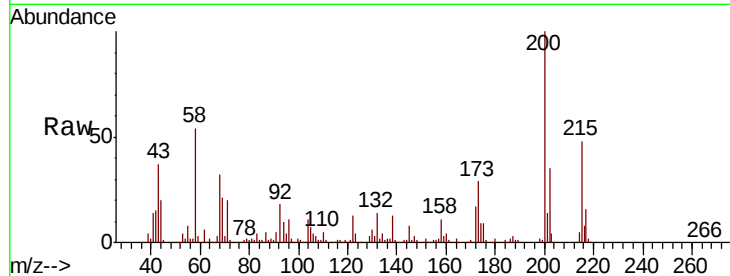
Tot Ion:200 Resp: 395170

Ion Ratio Lower Upper

200 100

173 28.7 6.0 46.0

215 48.1 31.3 71.3

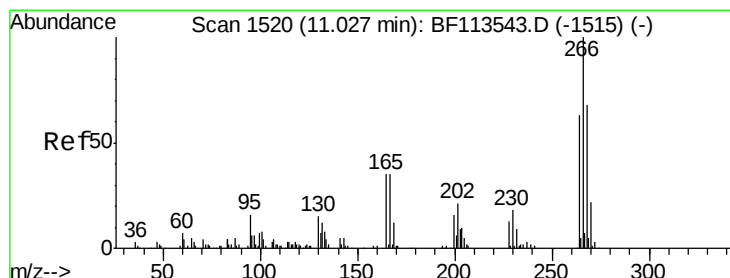
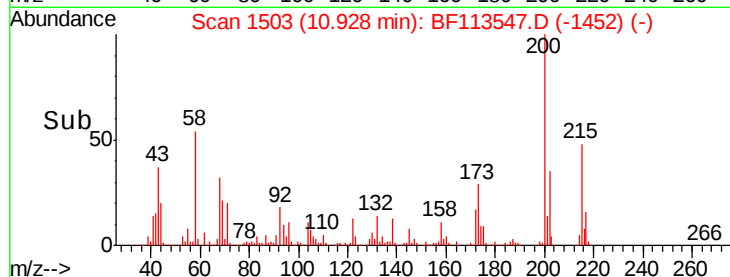
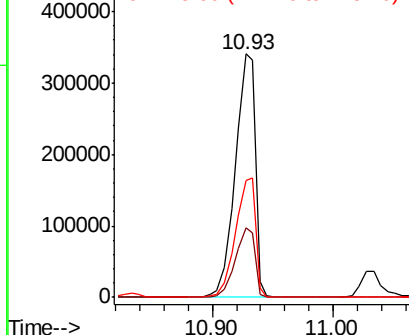


Abundance

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: 91.851 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

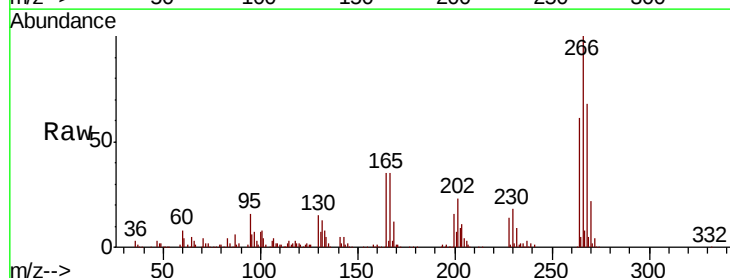
Tgt Ion:266 Resp: 281717

Ion Ratio Lower Upper

266 100

268 67.5 53.8 80.6

264 61.0 49.2 73.8

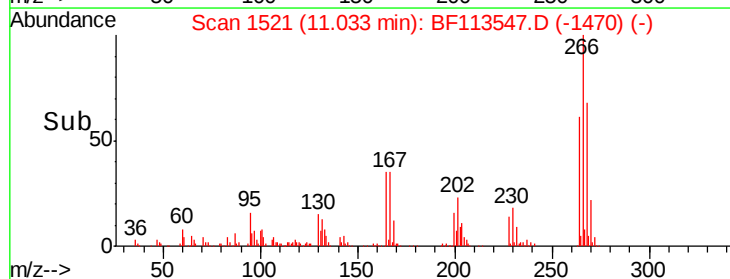
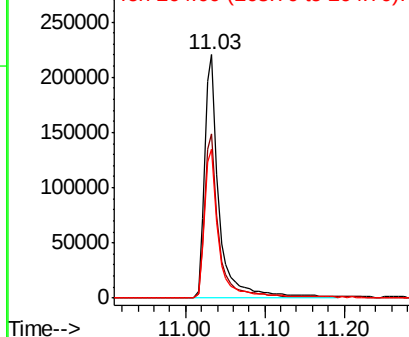


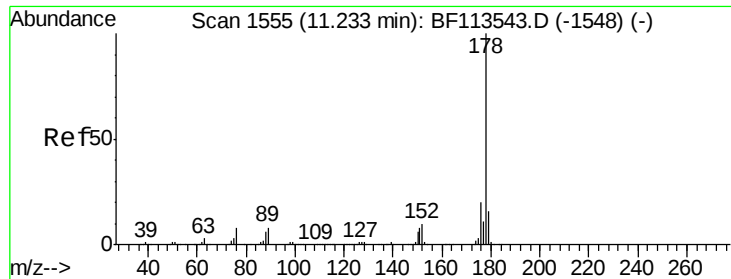
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 86.578 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampled :

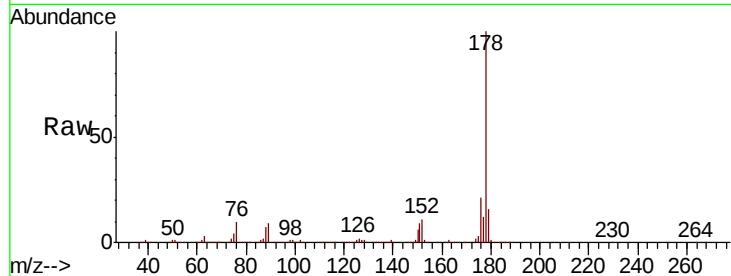
Tot Ion:178 Resp: 2000661

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.2

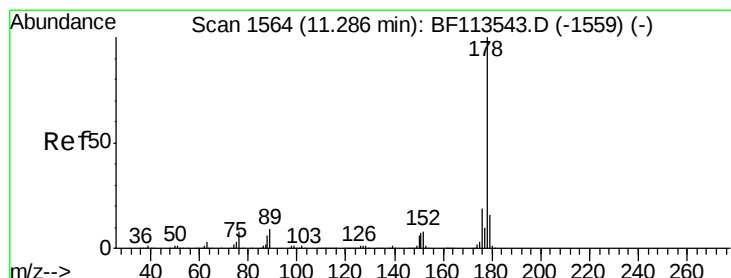
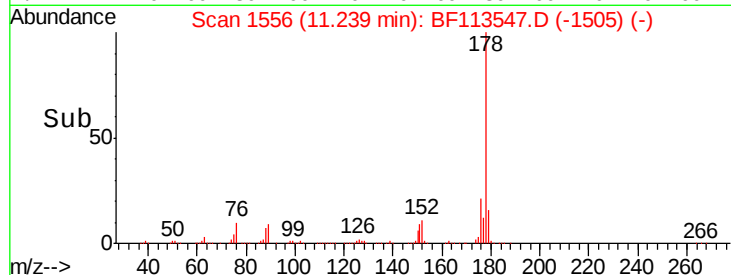
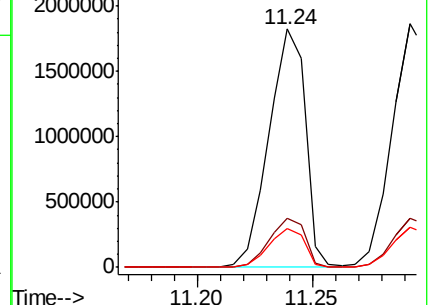
179 16.4 12.7 19.1



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: 87.007 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

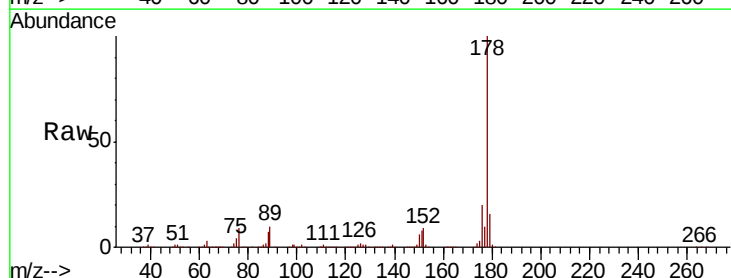
Tgt Ion:178 Resp: 2042238

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.2

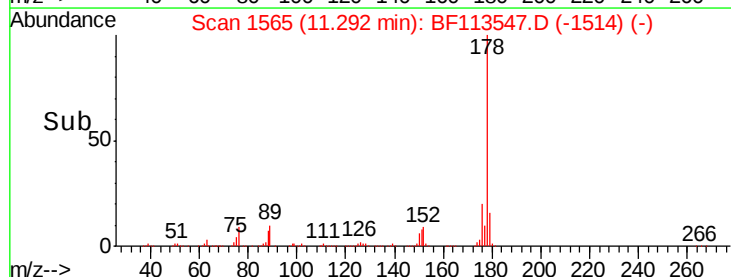
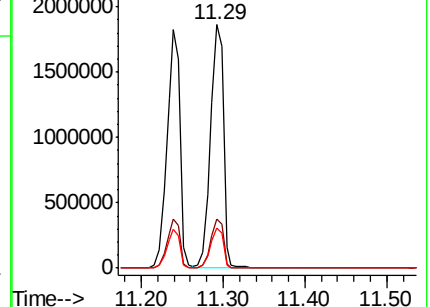
179 16.4 12.8 19.2

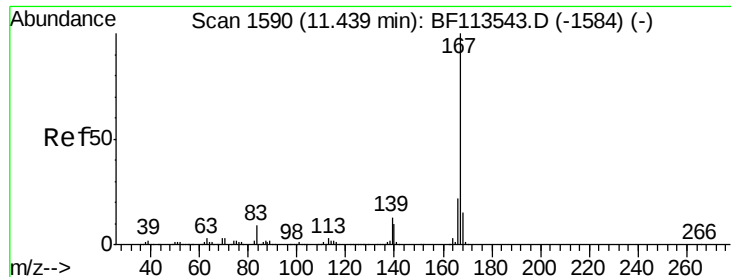


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 84.366 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampleId :

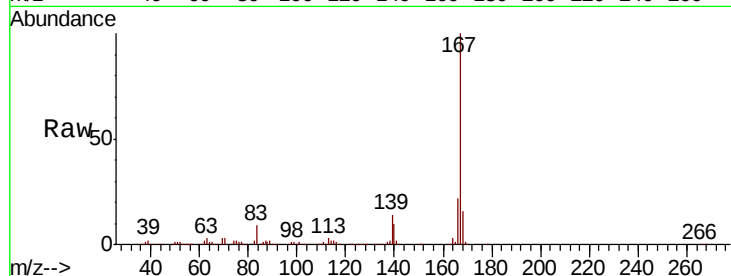
Tot Ion:167 Resp: 1889574

Ion Ratio Lower Upper

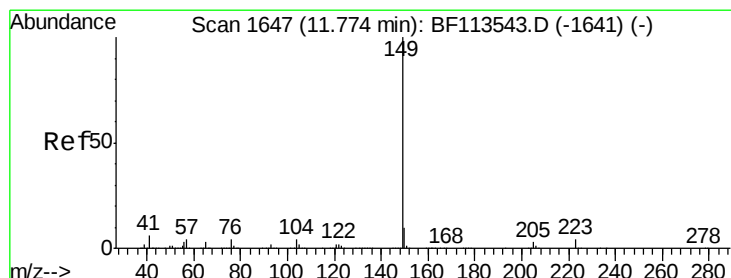
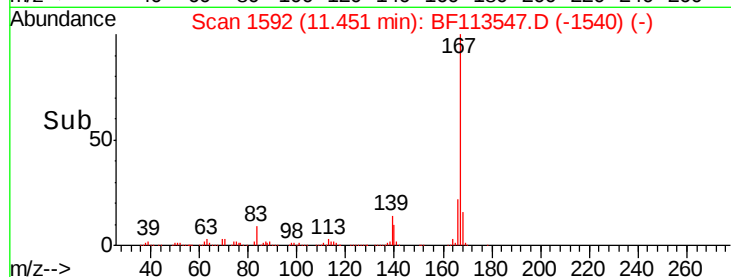
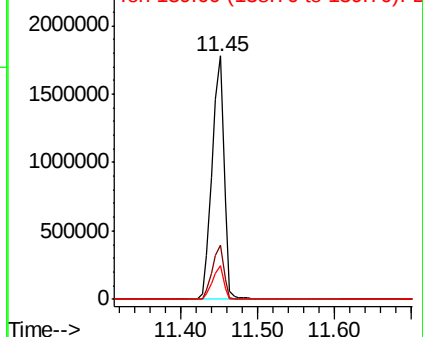
167 100

166 22.4 17.4 26.0

139 13.8 10.4 15.6



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



#74

Di-n-butylphthalate

Concen: 86.851 ng

RT: 11.78 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

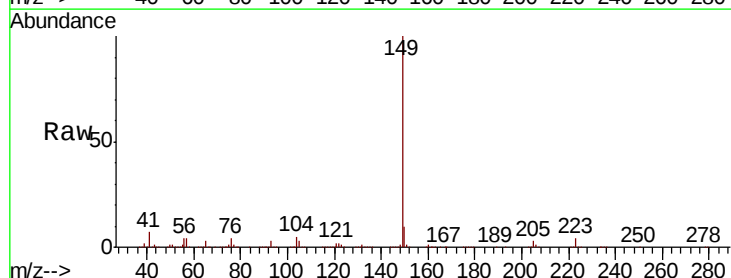
Tgt Ion:149 Resp: 2255773

Ion Ratio Lower Upper

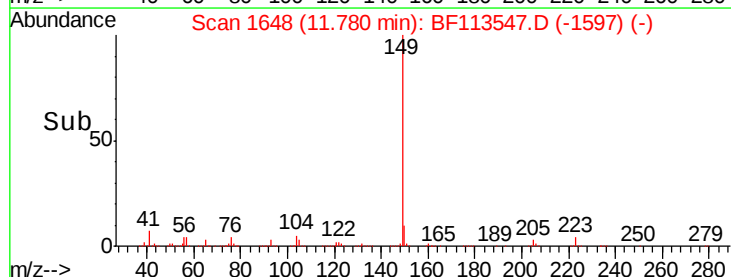
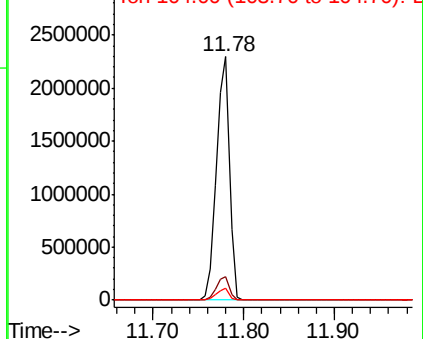
149 100

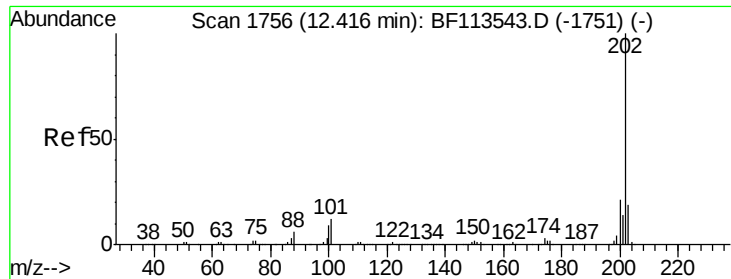
150 9.8 7.7 11.5

104 4.7 3.7 5.5



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





#75

Fluoranthene

Concen: 78.632 ng

RT: 12.43 min Scan# 1758

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampled :

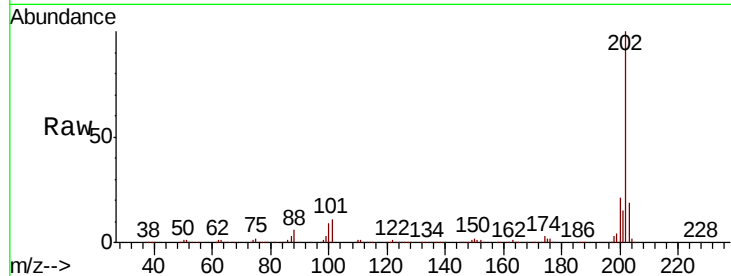
Tot Ion:202 Resp: 2054136

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.4

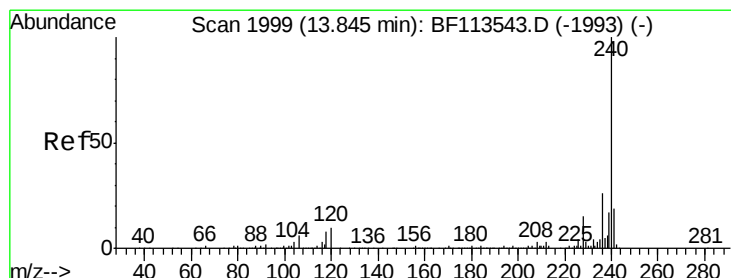
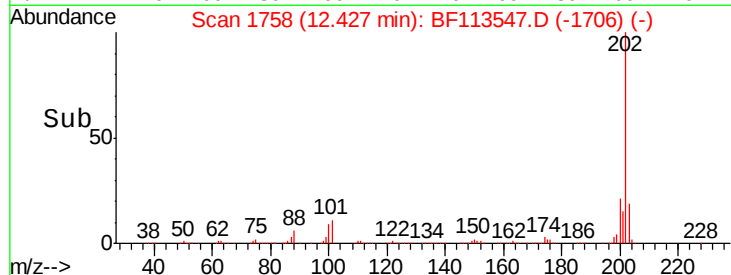
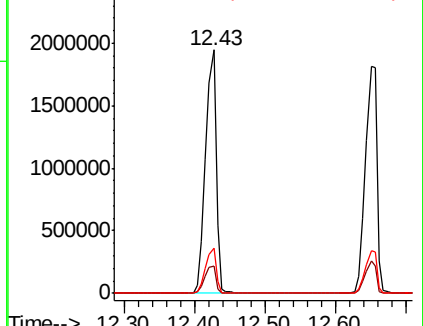
203 18.6 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

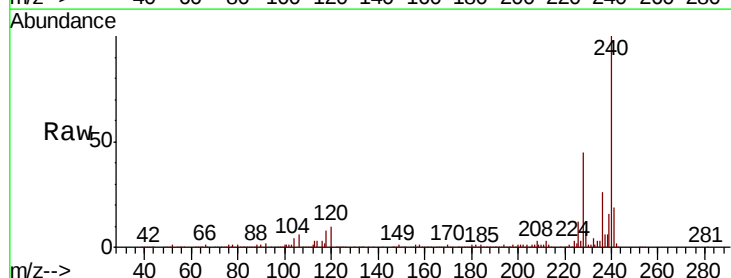
Tgt Ion:240 Resp: 285664

Ion Ratio Lower Upper

240 100

120 10.2 8.8 13.2

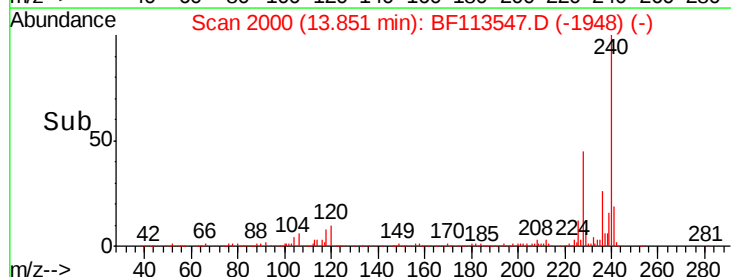
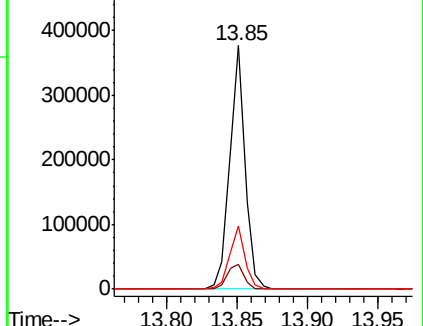
236 25.8 20.9 31.3

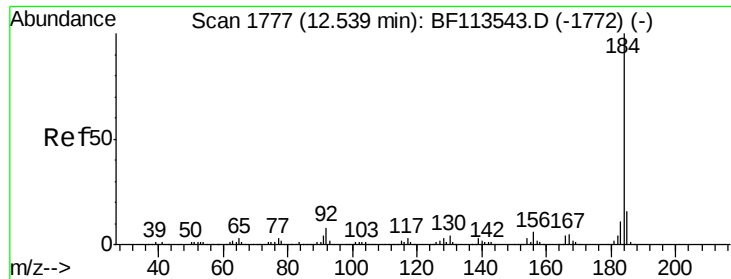


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 71.783 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampled :

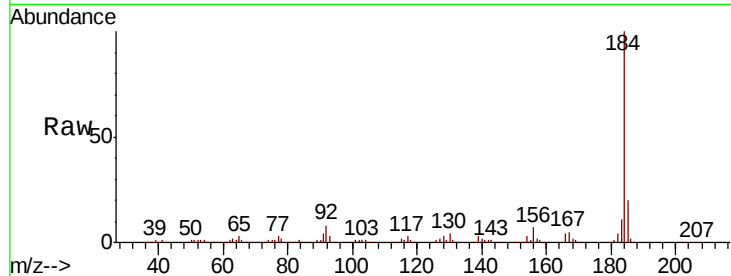
Tot Ion:184 Resp: 785269

Ion Ratio Lower Upper

184 100

185 19.6 13.0 19.6#

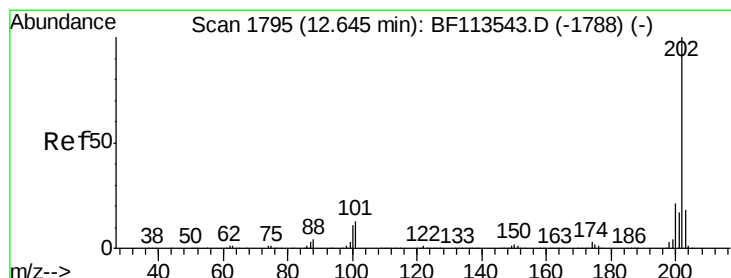
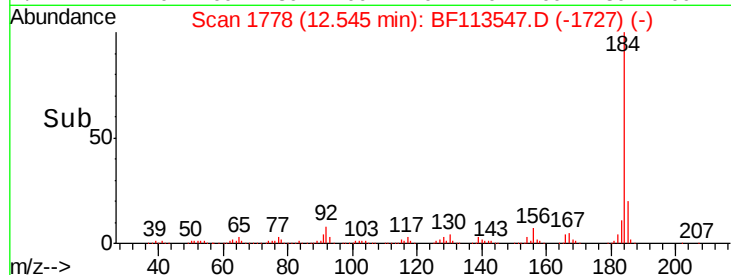
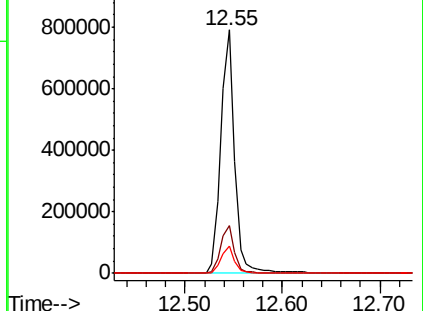
183 11.1 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 105.420 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

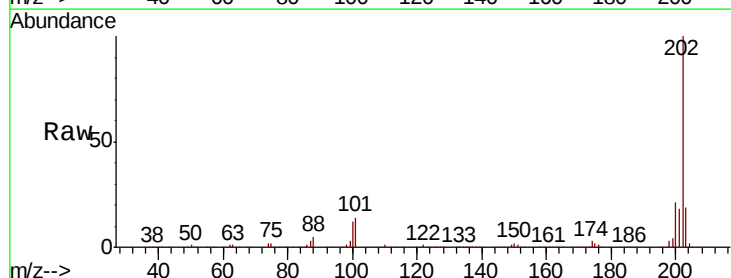
Tgt Ion:202 Resp: 2086842

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

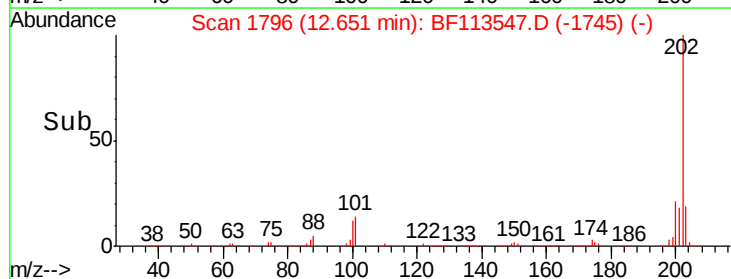
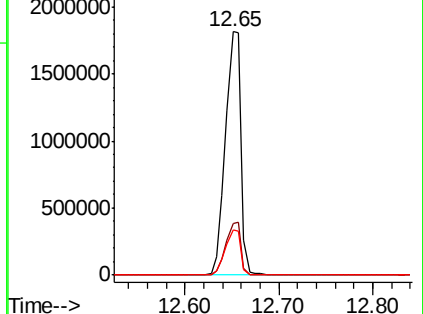
203 18.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 191.976 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampled :

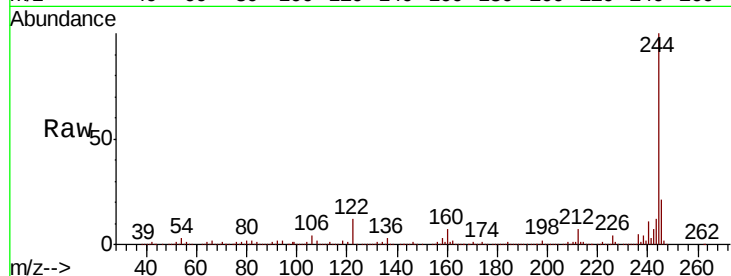
Tot Ion:244 Resp: 2488038

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

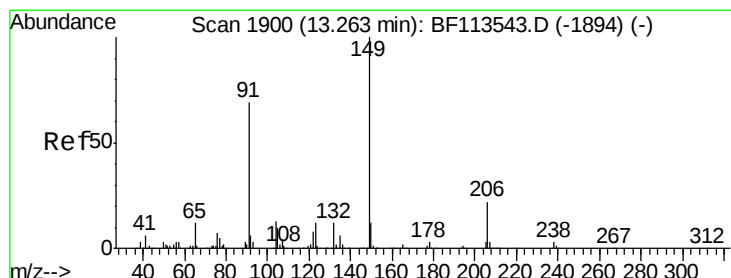
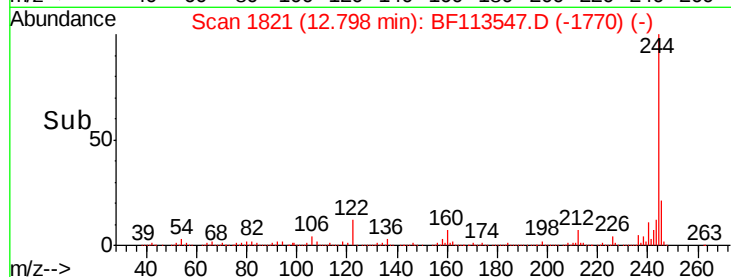
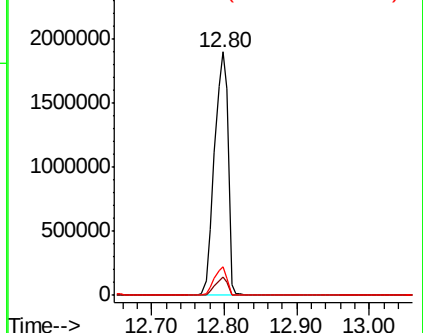
122 11.8 8.6 13.0



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: 98.393 ng

RT: 13.27 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

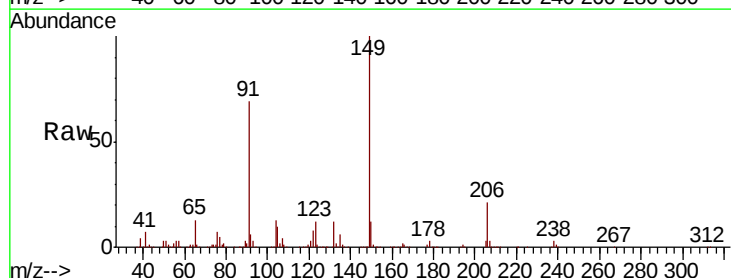
Tgt Ion:149 Resp: 858395

Ion Ratio Lower Upper

149 100

91 68.7 55.2 82.8

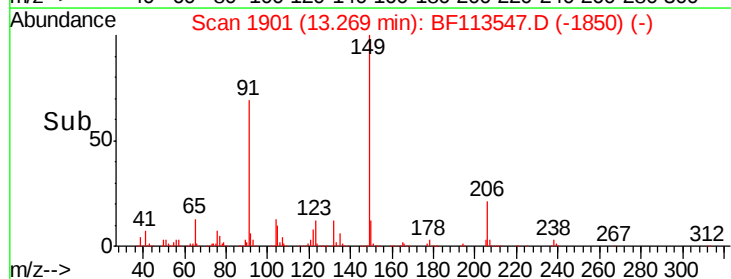
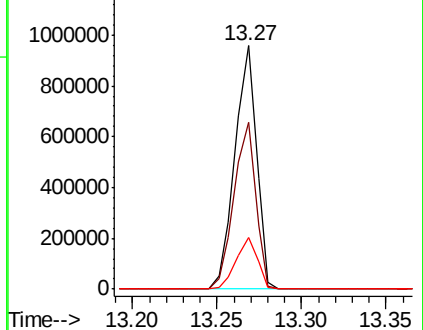
206 21.3 16.1 24.1

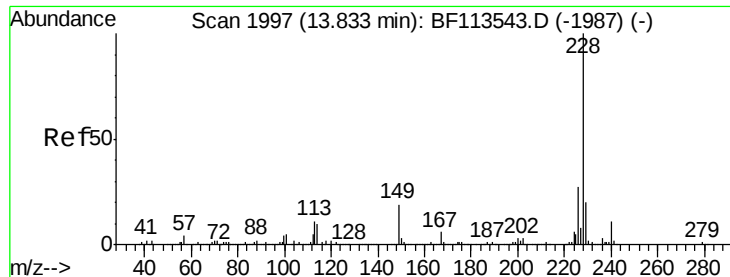


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 91.473 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

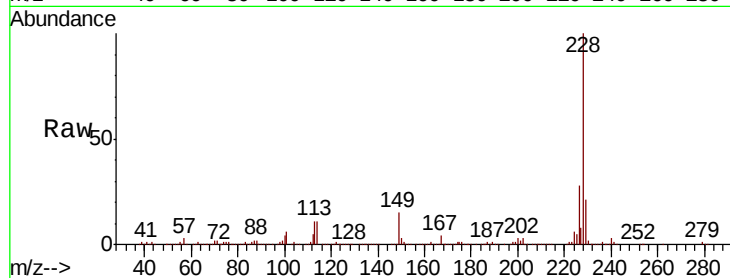
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1495757

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	20.7	16.2	24.4

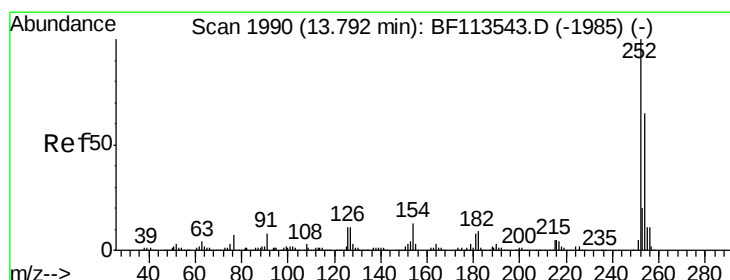
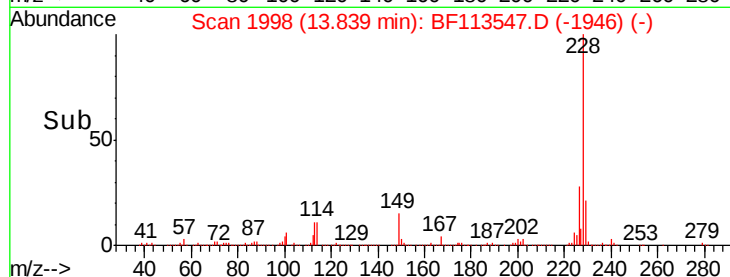
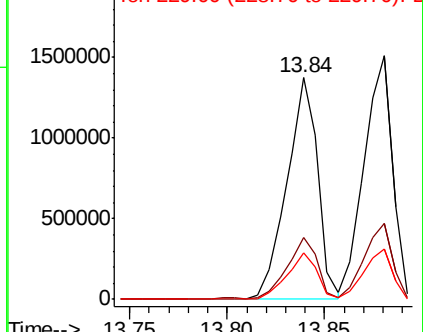


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 80.288 ng

RT: 13.80 min Scan# 1992

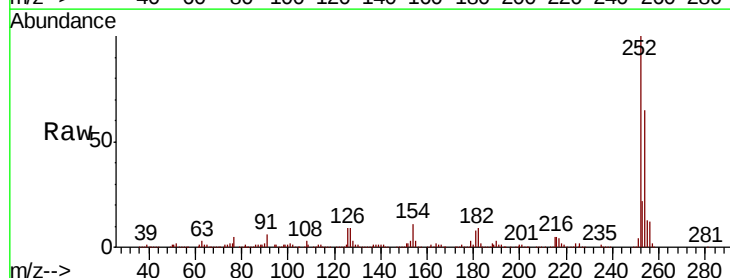
Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Tgt Ion:252 Resp: 526678

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.2	78.2
126	9.2	8.5	12.7

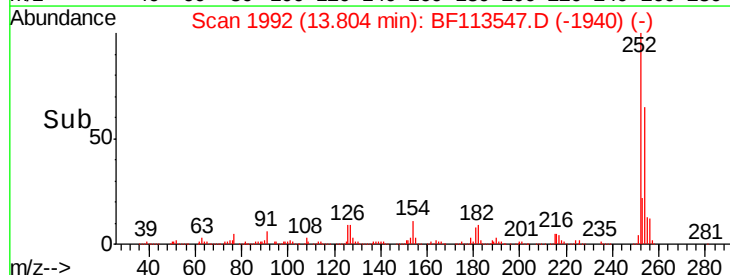
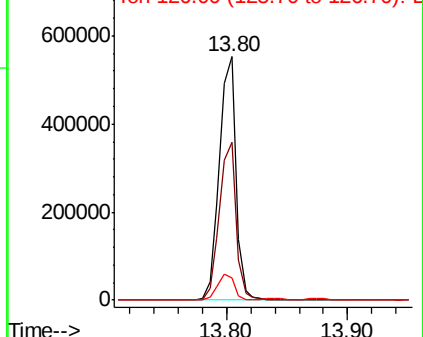


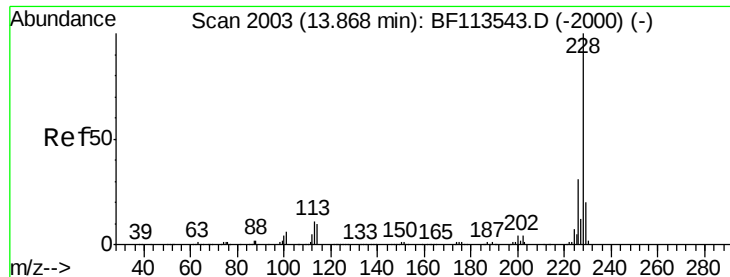
Abundance

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

Chrvsene

Concen: 92.474 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampleId :

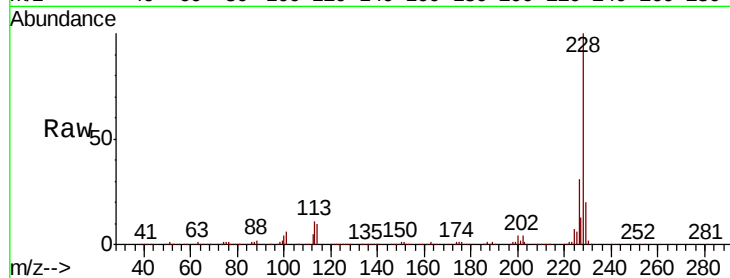
Tot Ion:228 Resp: 1535902

Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

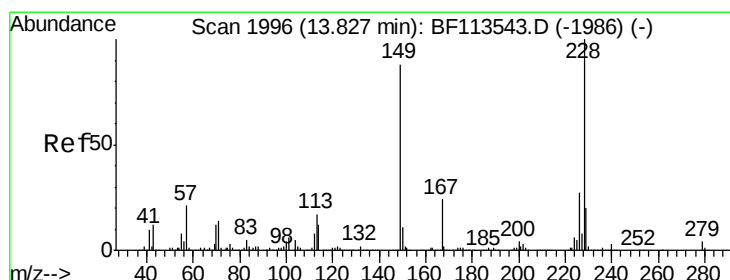
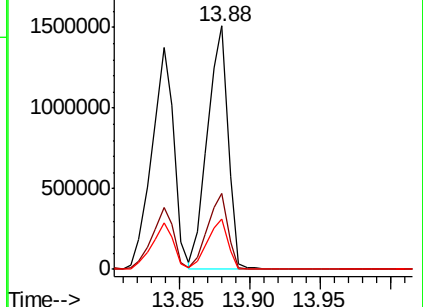
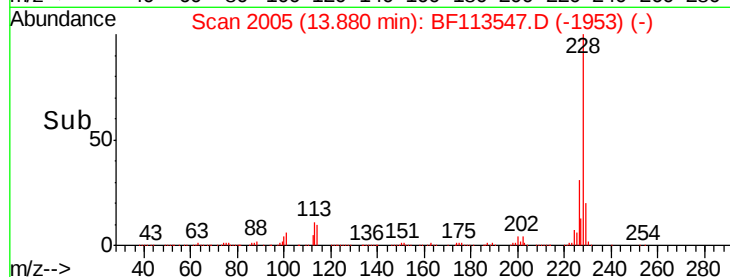
229 20.5 16.3 24.5



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: 94.391 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

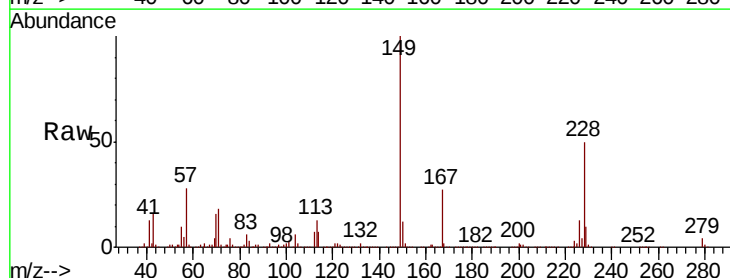
Tgt Ion:149 Resp: 1009496

Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

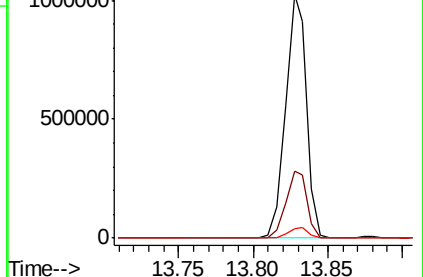
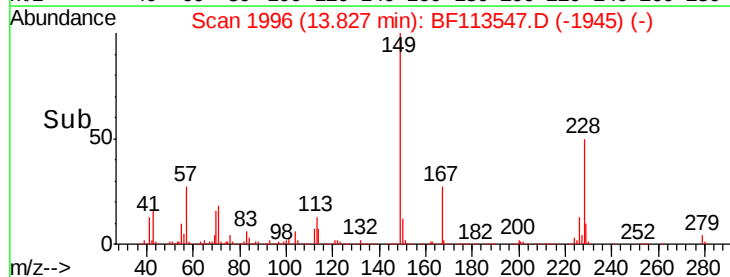
279 4.0 2.9 4.3

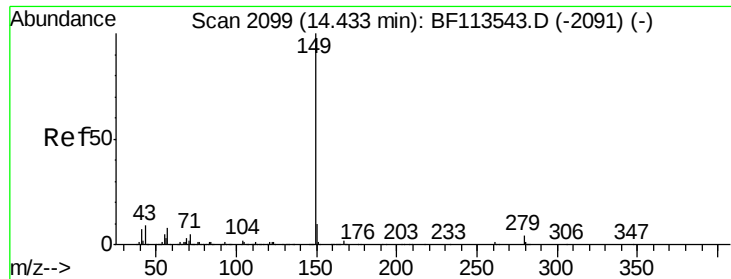


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 93.232 ng

RT: 14.44 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampleId :

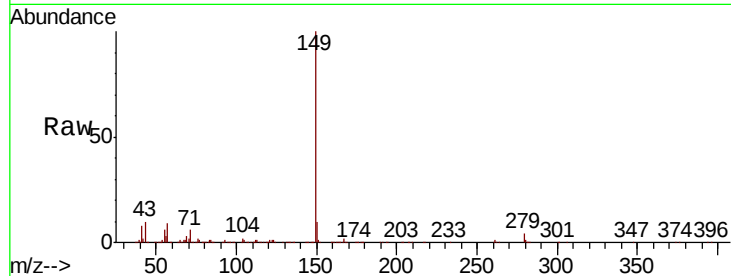
Tot Ion:149 Resp: 1692519

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

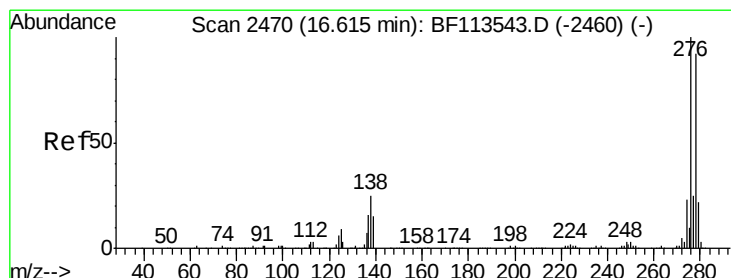
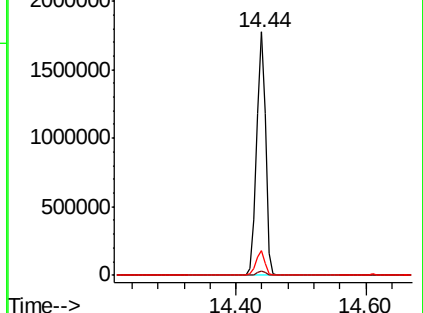
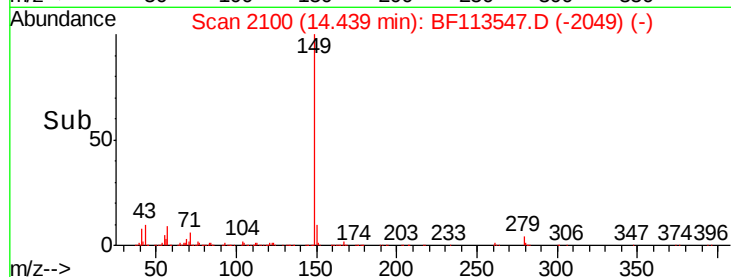
43 9.8 7.7 11.5



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: 118.404 ng

RT: 16.64 min Scan# 2474

Delta R.T. 0.04 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

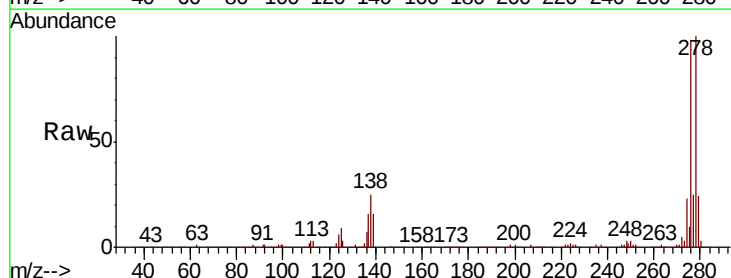
Tgt Ion:276 Resp: 1687752

Ion Ratio Lower Upper

276 100

138 23.9 18.1 27.1

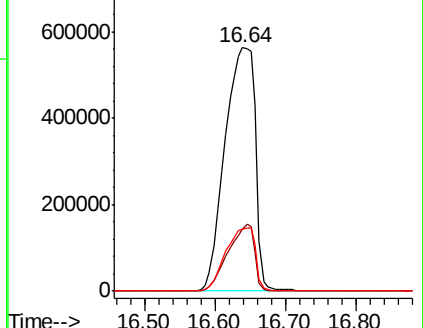
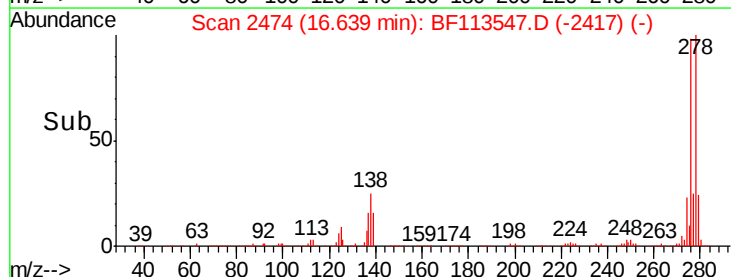
277 25.3 20.2 30.4

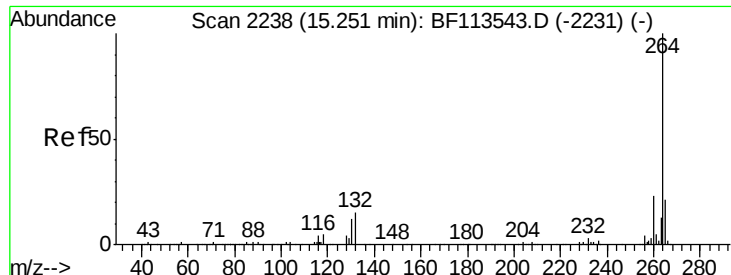


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

Instrument :

BNA_F

ClientSampleId :

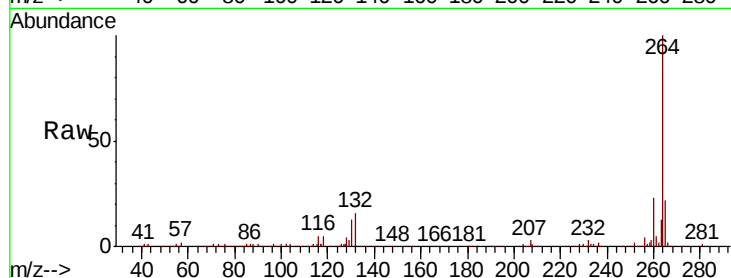
Tot Ion:264 Resp: 262250

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

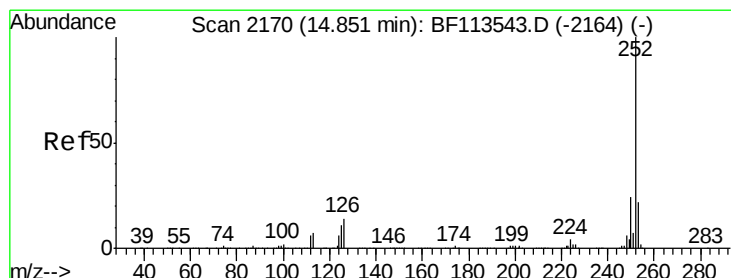
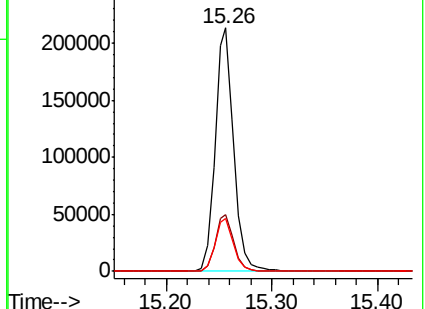
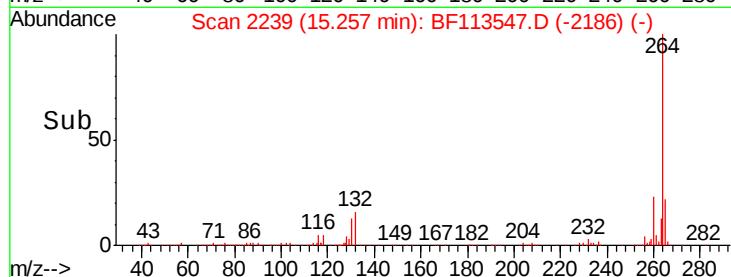
265 21.9 17.1 25.7



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: 89.807 ng

RT: 14.86 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BF113547.D

Acq: 3 Apr 2019 15:20

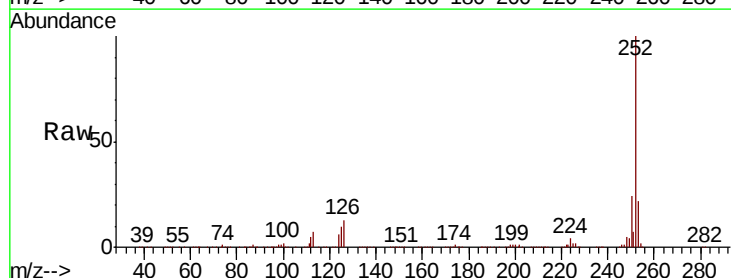
Tgt Ion:252 Resp: 1463038

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

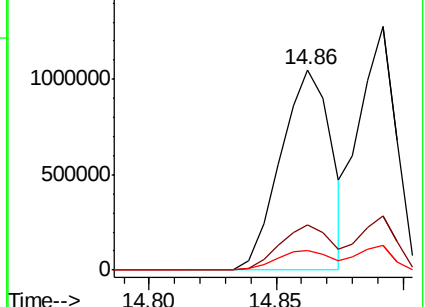
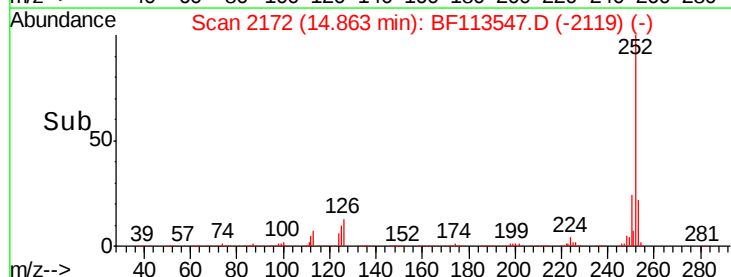
125 10.0 7.6 11.4

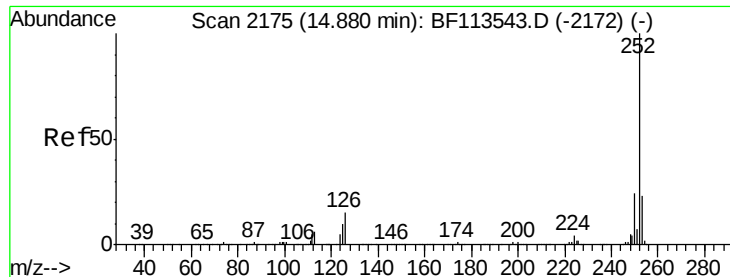


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

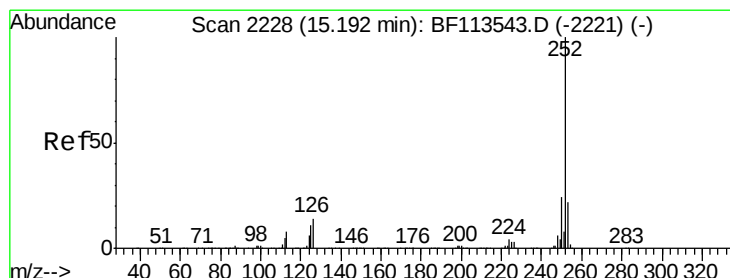
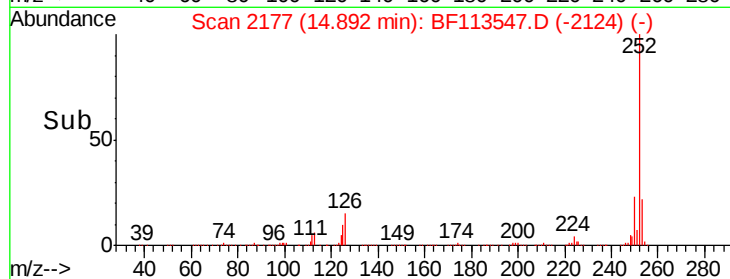
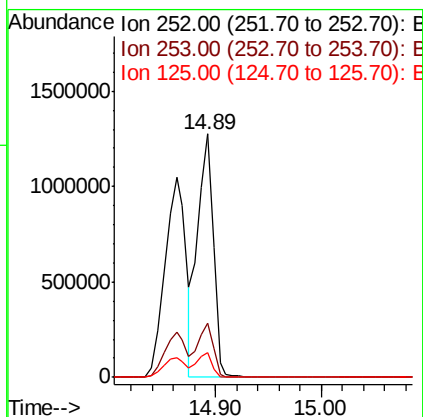
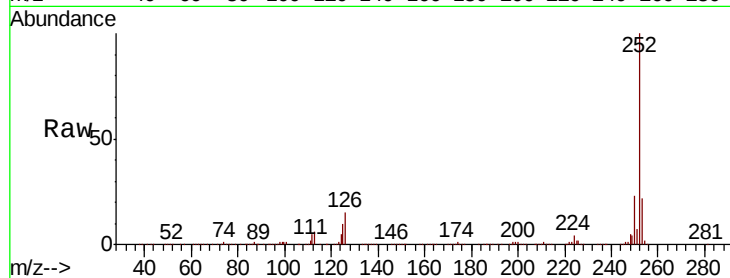




#89
Benzo(k)fluoranthene
Concen: 91.053 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

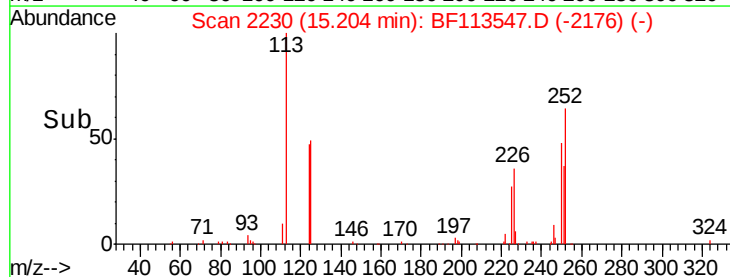
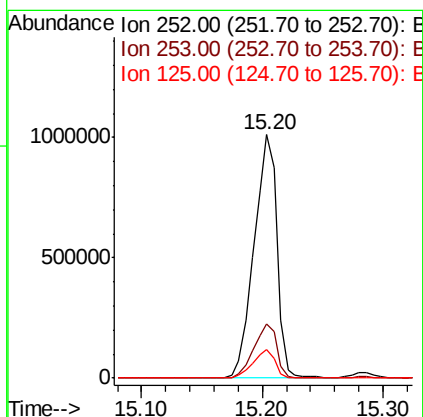
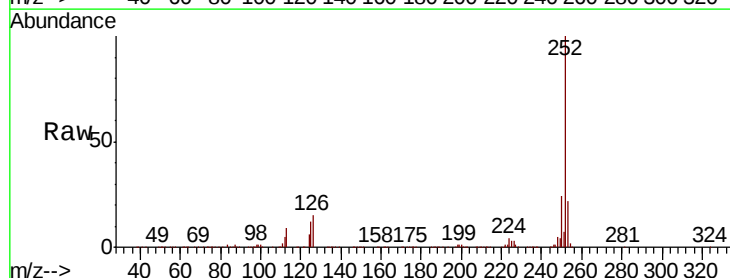
Instrument :
BNA_F
ClientSampleId :

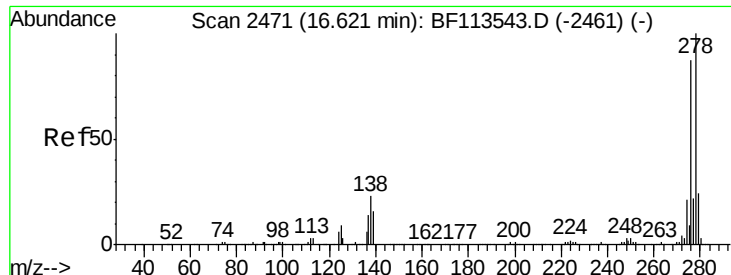
Tot Ion:252 Resp: 1302642
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 10.2 7.3 10.9



#90
Benzo(a)pyrene
Concen: 92.775 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.02 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Tgt Ion:252 Resp: 1339897
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 11.8 8.8 13.2

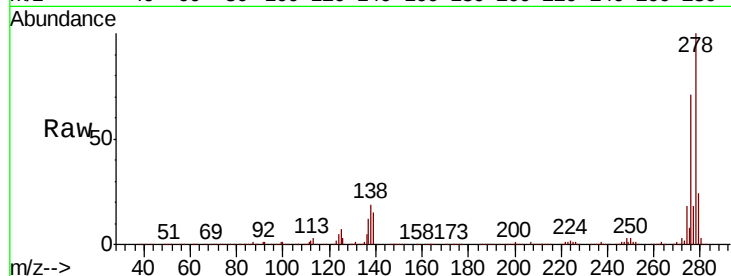




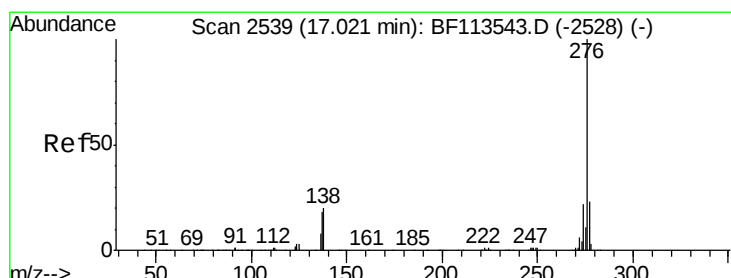
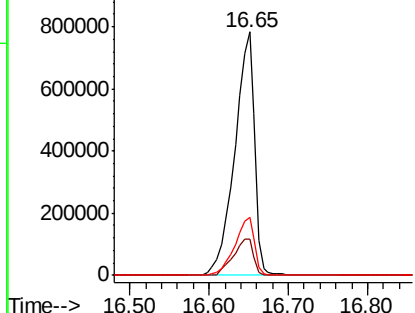
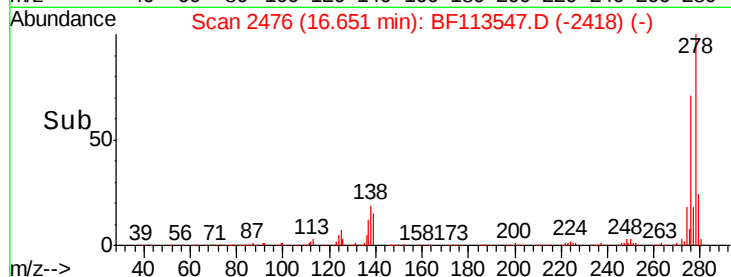
#91
Dibenzo(a,h)anthracene
Concen: 108.984 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.04 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1360970
Ion Ratio Lower Upper
278 100
139 14.8 12.0 18.0
279 24.1 19.0 28.6

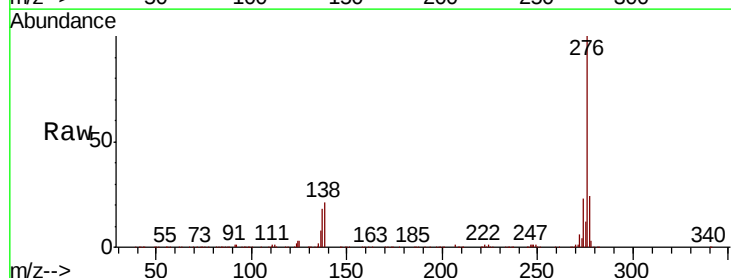


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 116.430 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.05 min
Lab File: BF113547.D
Acq: 3 Apr 2019 15:20

Tgt Ion:276 Resp: 1466013
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 20.8 15.6 23.4



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

