

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114697.D
 Acq On : 31 May 2019 10:14
 Operator : HP/JU
 Sample : PB120049BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 12:14:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 12:07:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	1564287	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	5698142	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	2890831	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	4870196	20.00	ng	0.00
76) Chrysene-d12	13.83	240	3194643	20.00	ng	0.00
87) Perylene-d12	15.23	264	3331499	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	7750276	86.99	ng	0.05
7) Phenol-d6	6.38	99	9575848	89.19	ng	0.04
23) Nitrobenzene-d5	7.28	82	6872761	75.25	ng	0.01
42) 2,4,6-Tribromophenol	10.53	330	3016533	109.51	ng	0.02
45) 2-Fluorobiphenyl	9.06	172	8743976	50.28	ng	0.00
79) Terphenyl-d14	12.80	244	8714940	51.29	ng	0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	2.47	88	317293	7.421 ng	99
4) n-Nitrosodimethylamine	3.11	42	348204	6.915 ng	99
6) Aniline	6.41	93	676570	4.172 ng	93
8) 2-Chlorophenol	6.50	128	698290	6.786 ng	91
9) Benzaldehyde	6.25	77	335615	Below Cal	98
10) Phenol	6.39	94	921525	7.105 ng	82
11) bis(2-Chloroethyl)ether	6.46	93	656345	6.616 ng	98
12) 1,3-Dichlorobenzene	6.65	146	950766	8.110 ng	98
13) 1,4-Dichlorobenzene	6.72	146	920889	7.830 ng	99
14) 1,2-Dichlorobenzene	6.88	146	724481	6.767 ng	99
15) Benzyl Alcohol	6.85	79	712010	8.431 ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1140029	7.492 ng	100
17) 2-Methylphenol	6.96	107	754030	8.664 ng	99
18) Hexachloroethane	7.22	117	349042	7.839 ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	620755	8.376 ng	98
20) 3+4-Methylphenols	7.12	107	887561	8.671 ng	# 79
22) Acetophenone	7.12	105	1217211	10.026 ng	98
24) Nitrobenzene	7.29	77	798709	8.233 ng	97
25) Isophorone	7.53	82	1671717	9.120 ng	99
26) 2-Nitrophenol	7.60	139	480191	10.168 ng	97
27) 2,4-Dimethylphenol	7.64	122	820360	10.445 ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	1047966	8.982 ng	98
29) 2,4-Dichlorophenol	7.84	162	775996	9.707 ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	857128	9.411 ng	100
31) Naphthalene	8.00	128	2379677	9.067 ng	97
32) Benzoic acid	7.76	122	508431	9.966 ng	99
33) 4-Chloroaniline	8.05	127	709570	5.674 ng	98
34) Hexachlorobutadiene	8.13	225	459934	9.090 ng	98
35) Caprolactam	8.43	113	154394	5.723 ng	99
36) 4-Chloro-3-methylphenol	8.53	107	777412	9.697 ng	99
37) 2-Methylnaphthalene	8.69	142	1740718	9.982 ng	99
38) 1-Methylnaphthalene	8.79	142	1656743	10.027 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	738544	9.593 ng	99
41) Hexachlorocyclopentadiene	8.85	237	941941	18.515 ng	99

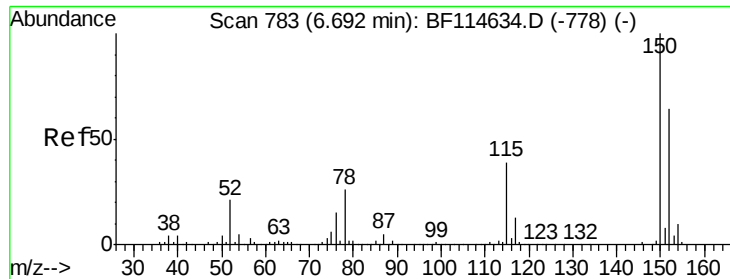
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114697.D
 Acq On : 31 May 2019 10:14
 Operator : HP/JU
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Quant Time: May 31 12:14:05 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 12:07:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.97	196	587251	9.695	ng	99
44) 2,4,5-Trichlorophenol	9.01	196	583867	9.659	ng	99
46) 1,1'-Biphenyl	9.16	154	2085129	9.717	ng	98
47) 2-Chloronaphthalene	9.18	162	1638930	9.311	ng	97
48) 2-Nitroaniline	9.27	65	464968	8.560	ng	93
49) Acenaphthylene	9.59	152	2482965	9.131	ng	98
50) Dimethylphthalate	9.46	163	1872688	9.297	ng	98
51) 2,6-Dinitrotoluene	9.52	165	440083	9.402	ng	94
52) Acenaphthene	9.76	154	1675787	10.048	ng	100
53) 3-Nitroaniline	9.67	138	322884	5.636	ng	98
54) 2,4-Dinitrophenol	9.79	184	383969	20.797	ng	97
55) Dibenzofuran	9.93	168	2184416	9.202	ng	100
56) 4-Nitrophenol	9.85	139	733218	17.271	ng	98
57) 2,4-Dinitrotoluene	9.92	165	574312	9.560	ng	95
58) Fluorene	10.27	166	1546633	5.042	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	480556	9.713	ng	99
60) Diethylphthalate	10.16	149	1885838	9.166	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	779268	5.416	ng	98
62) 4-Nitroaniline	10.29	138	442732	7.931	ng	99
63) Azobenzene	10.43	77	1703926	9.021	ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	237974	11.020	ng	97
66) n-Nitrosodiphenylamine	10.39	169	1557911	10.827	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	535379	10.251	ng	96
68) Hexachlorobenzene	10.82	284	562426	9.943	ng	95
69) Atrazine	10.92	200	483273	8.727	ng	99
70) Pentachlorophenol	11.02	266	623680	19.126	ng	97
71) Phenanthrene	11.23	178	2266289	9.122	ng	99
72) Anthracene	11.28	178	2407048	9.573	ng	99
73) Carbazole	11.43	167	2148080	9.721	ng	99
74) Di-n-butylphthalate	11.77	149	2670525	6.311	ng	98
75) Fluoranthene	12.40	202	2333627	9.071	ng	98
77) Benzidine	12.52	184	968294	7.361	ng	99
78) Pyrene	12.63	202	2313872	8.562	ng	99
80) Butylbenzylphthalate	13.26	149	1128772	8.311	ng	97
81) Benzo(a)anthracene	13.82	228	1796159	7.316	ng	98
82) 3,3'-Dichlorobenzidine	13.78	252	570696	6.019	ng	98
83) Chrysene	13.86	228	1808755	7.712	ng	97
84) Bis(2-ethylhexyl)phthalate	13.83	149	1131567	6.739	ng	98
85) Di-n-octyl phthalate	14.43	149	2264709	7.763	ng	99
86) Indeno(1,2,3-cd)pyrene	16.54	276	1608052	6.845	ng	99
88) Benzo(b)fluoranthene	14.83	252	1676093	7.988	ng	99
89) Benzo(k)fluoranthene	14.86	252	1503509	8.244	ng	98
90) Benzo(a)pyrene	15.16	252	1496886	8.120	ng	98
91) Dibenzo(a,h)anthracene	16.56	278	1334981	8.196	ng	98
92) Benzo(g,h,i)perylene	16.94	276	1347406	8.523	ng	98

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

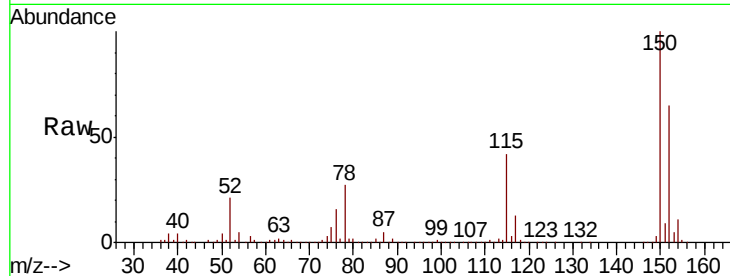


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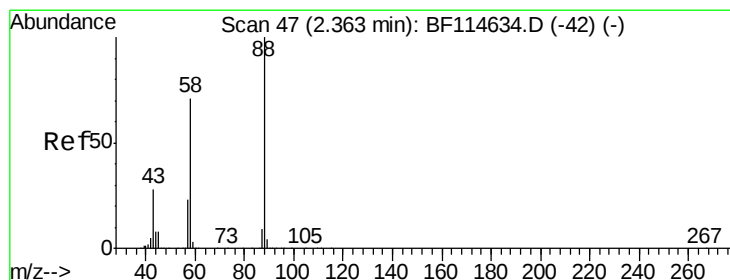
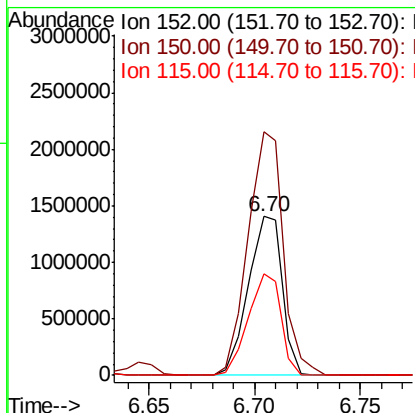
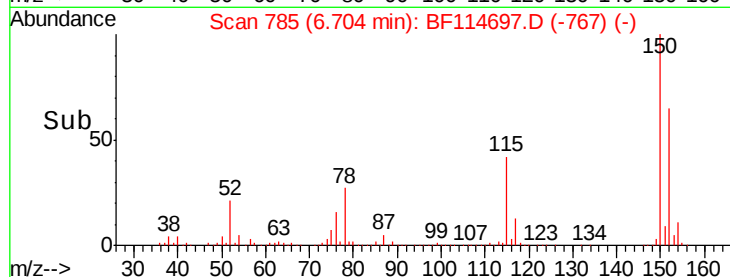
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 1564287
Ion Ratio Lower Upper
152 100
150 153.6 124.3 186.5
115 64.4 48.8 73.2



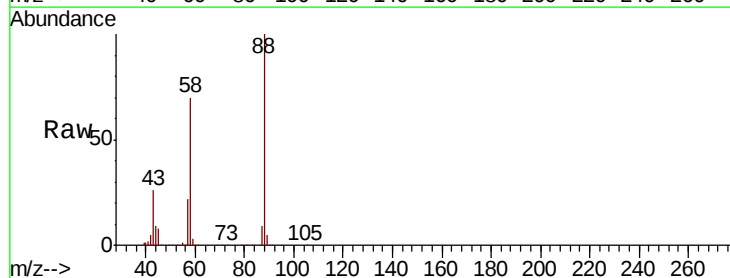
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



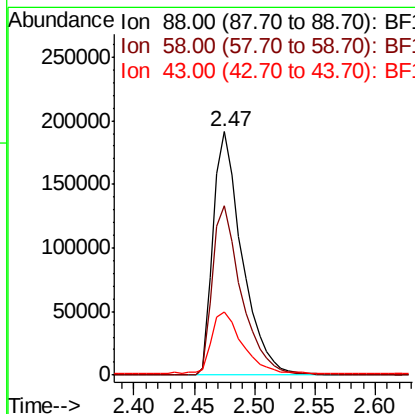
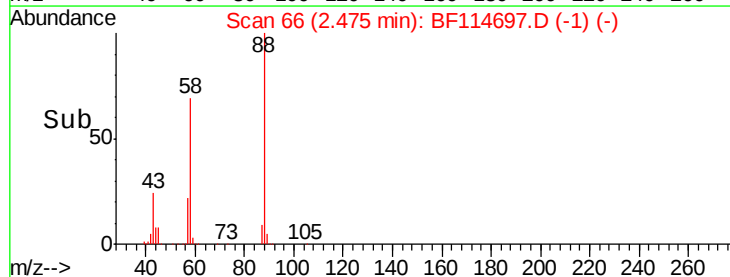
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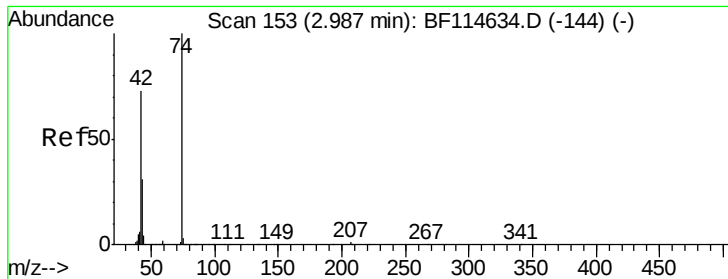
1,4-Dioxane
Concen: 7.421 ng
RT: 2.47 min Scan# 66
Delta R.T. 0.11 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Tgt Ion: 88 Resp: 317293
Ion Ratio Lower Upper
88 100
58 69.9 55.0 82.4
43 26.3 21.0 31.4



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



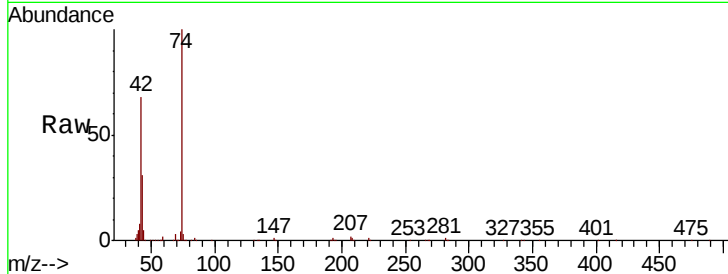


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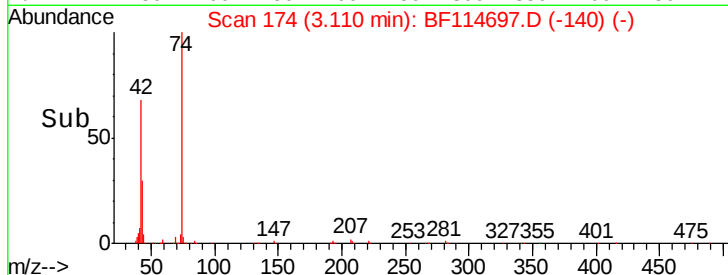
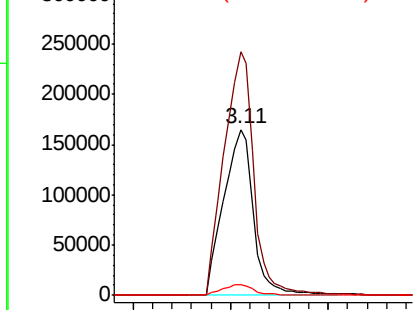
n-Nitrosodimethylamine
 Concen: 6.915 ng
 RT: 3.11 min Scan# 174
 Delta R.T. 0.10 min
 Lab File: BF114697.D
 Acq: 31 May 2019 10:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	146.7	116.8	175.2
44	6.8	5.3	7.9



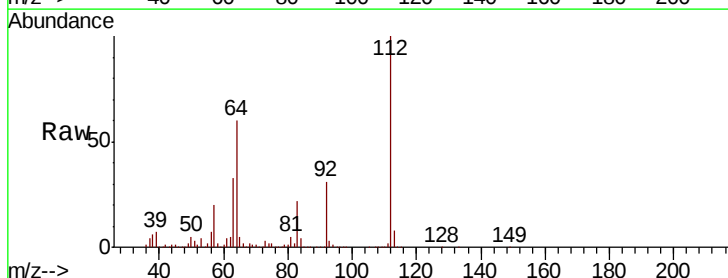
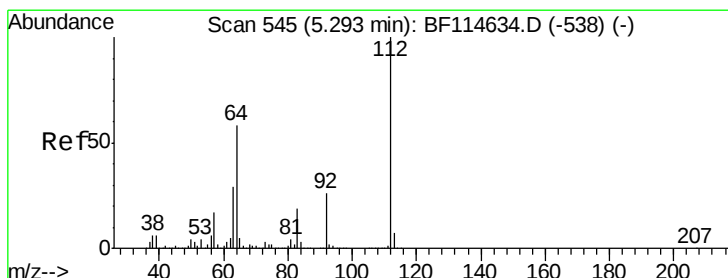
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



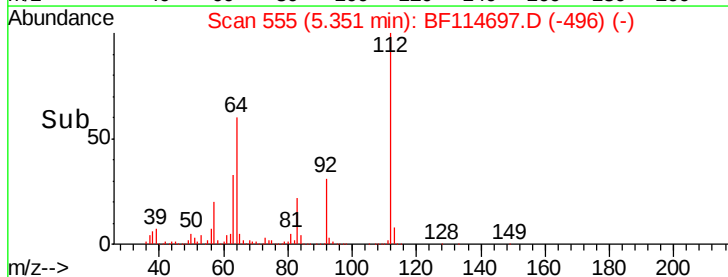
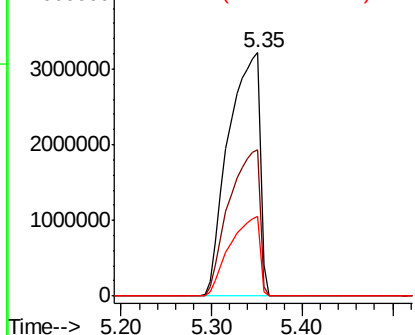
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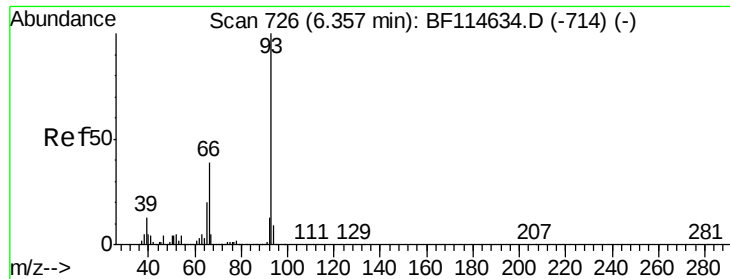
2-Fluorophenol
 Concen: 86.987 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.05 min
 Lab File: BF114697.D
 Acq: 31 May 2019 10:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	44.8	67.2
63	32.9	23.0	34.6



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





#6

Aniline

Concen: 4.172 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.05 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Instrument :

BNA_F

ClientSampled :

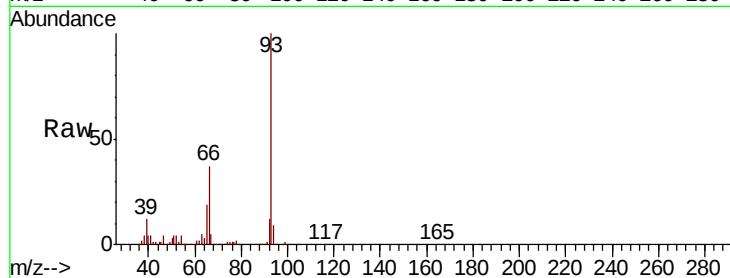
Tot Ion: 93 Resp: 676570

Ion Ratio Lower Upper

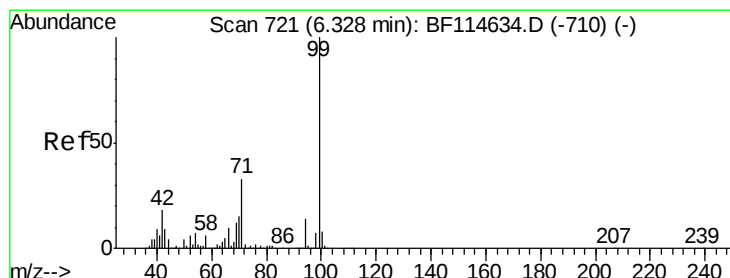
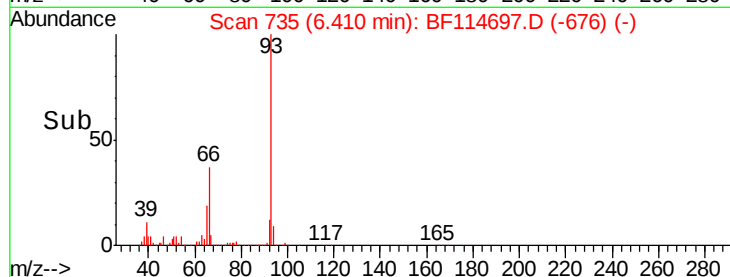
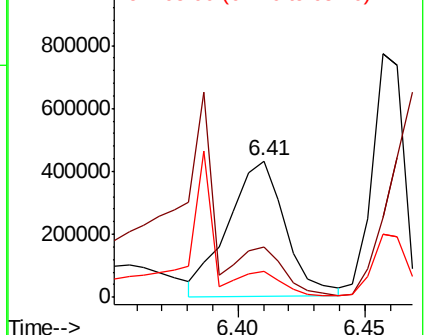
93 100

66 36.6 33.1 49.7

65 18.6 17.0 25.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 89.189 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.04 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

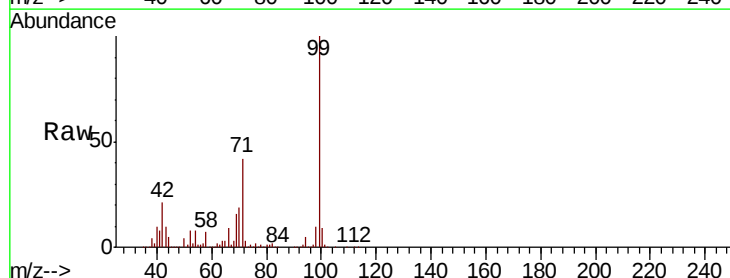
Tgt Ion: 99 Resp: 9575848

Ion Ratio Lower Upper

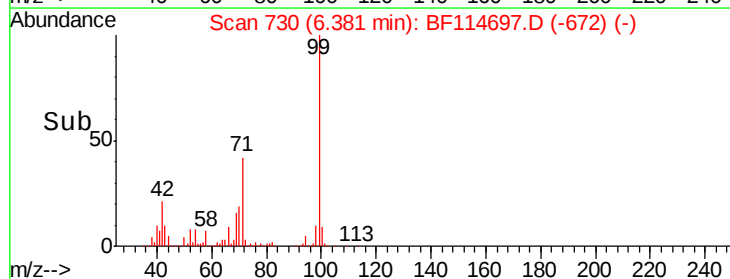
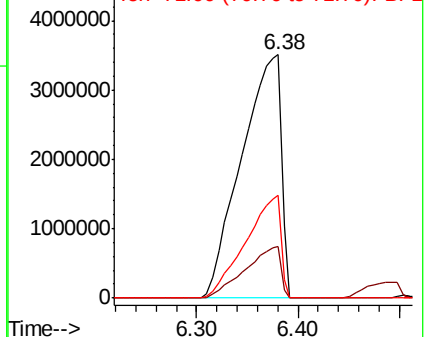
99 100

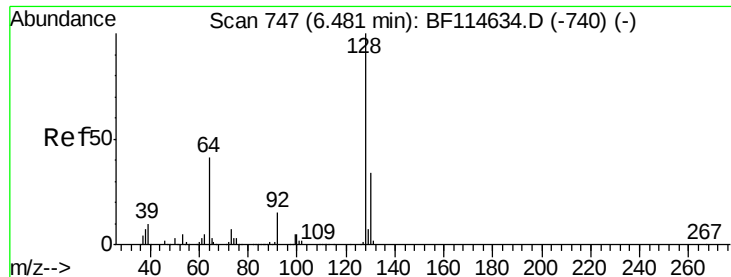
42 21.4 14.1 21.1#

71 42.3 27.3 40.9#



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: 6.786 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.02 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Instrument :

BNA_F

ClientSampleId :

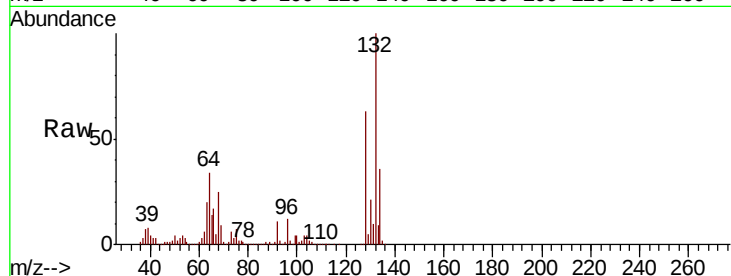
Tot Ion:128 Resp: 698290

Ion Ratio Lower Upper

128 100

130 32.9 13.6 53.6

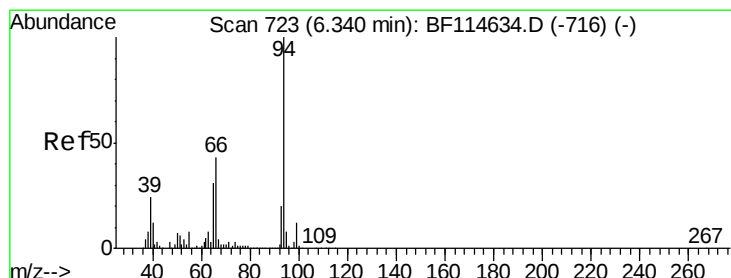
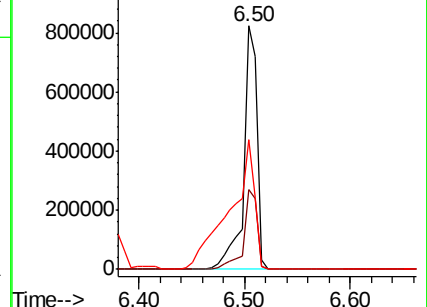
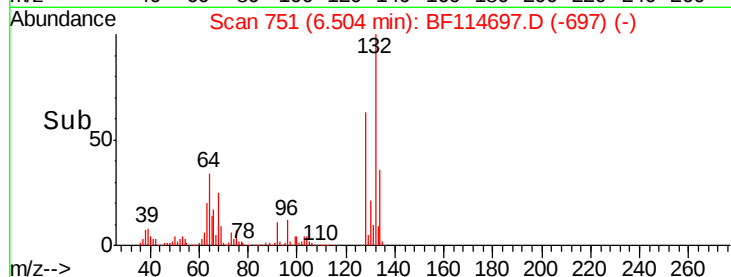
64 53.5 24.0 64.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#10

Phenol

Concen: 7.105 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.03 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

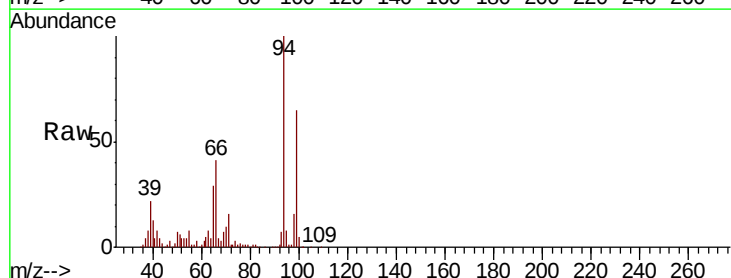
Tgt Ion: 94 Resp: 921525

Ion Ratio Lower Upper

94 100

65 29.1 16.5 56.5

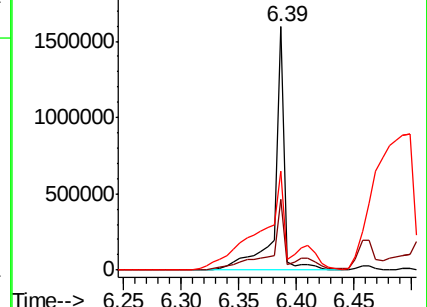
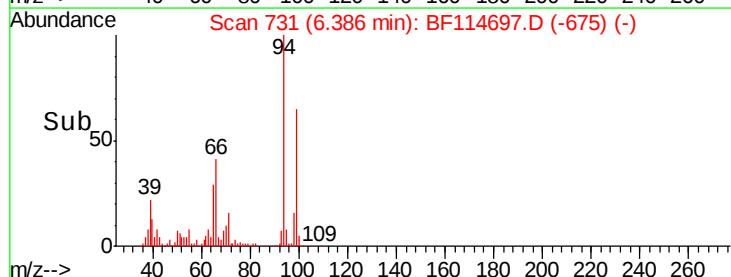
66 40.9 36.3 76.3

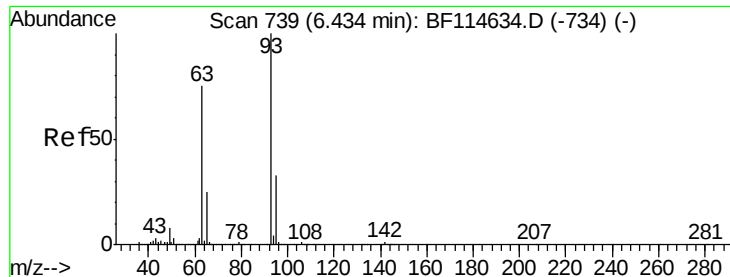


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 6.616 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.02 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Instrument :

BNA_F

ClientSampleId :

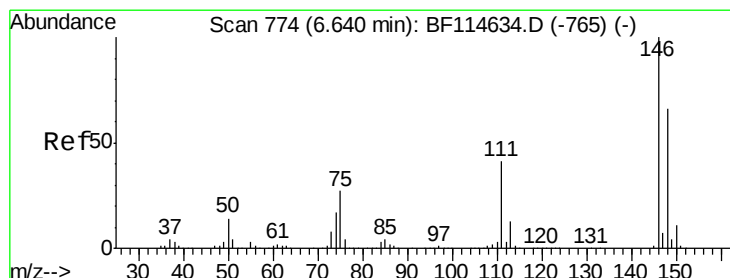
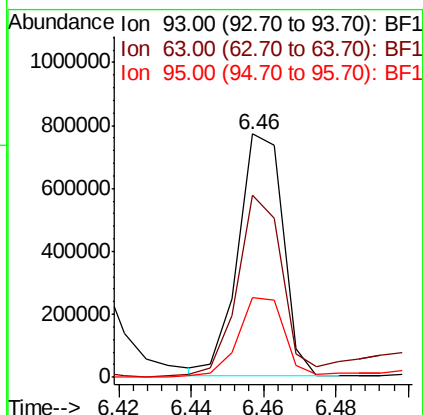
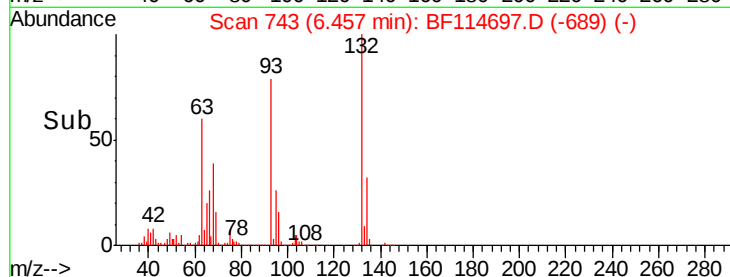
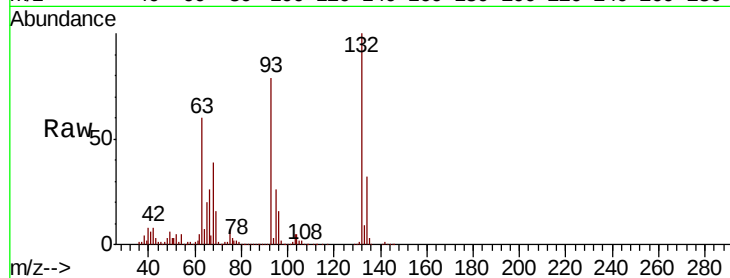
Tot Ion: 93 Resp: 656345

Ion Ratio Lower Upper

93 100

63 75.1 53.5 93.5

95 32.8 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 8.110 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

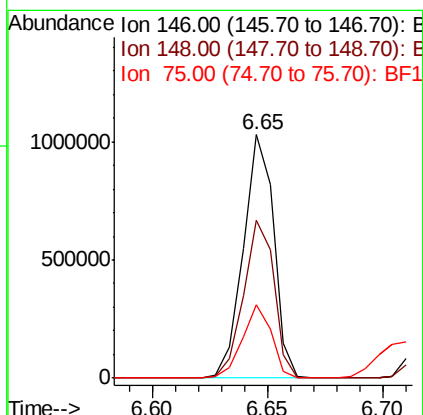
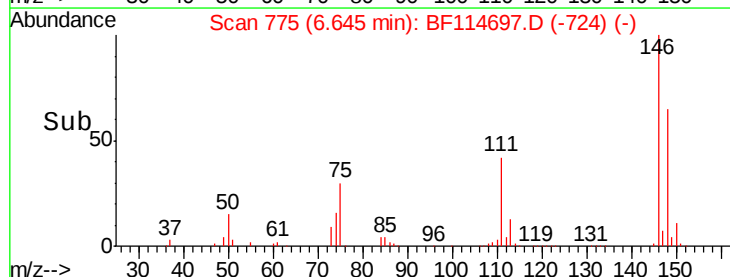
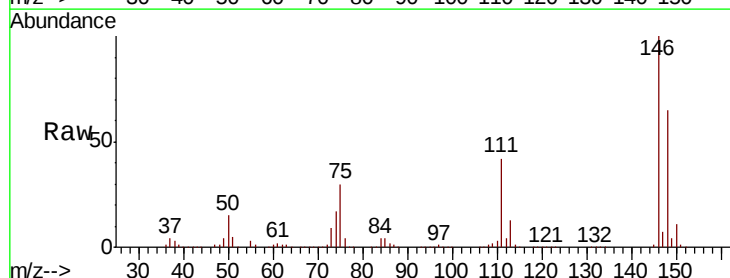
Tgt Ion: 146 Resp: 950766

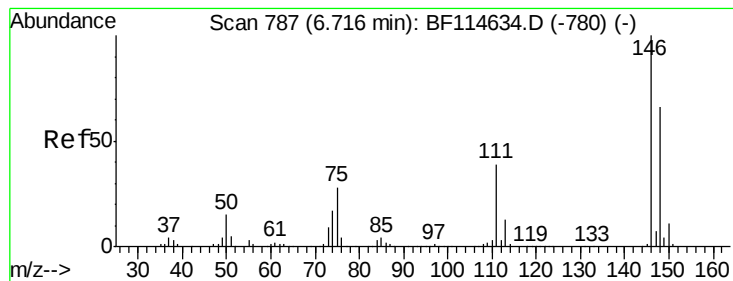
Ion Ratio Lower Upper

146 100

148 64.8 52.4 78.6

75 29.9 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 7.830 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Instrument :

BNA_F

ClientSampleId :

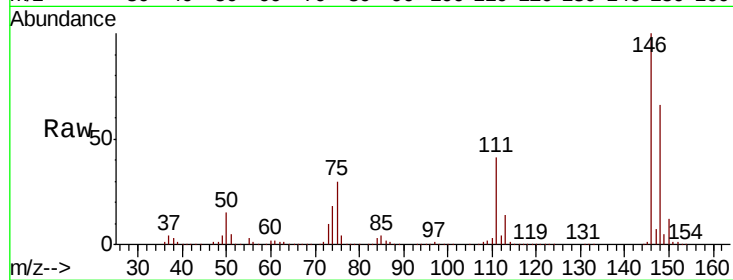
Tot Ion:146 Resp: 920889

Ion Ratio Lower Upper

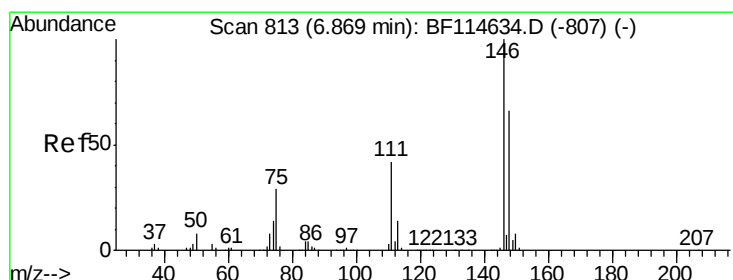
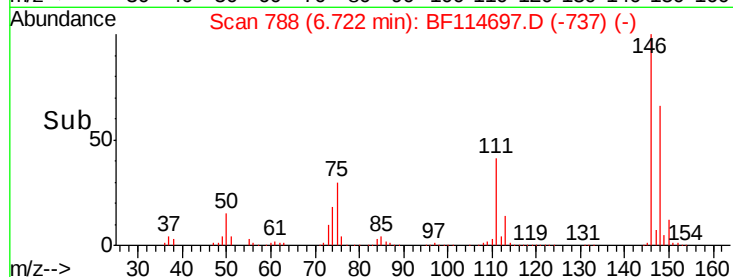
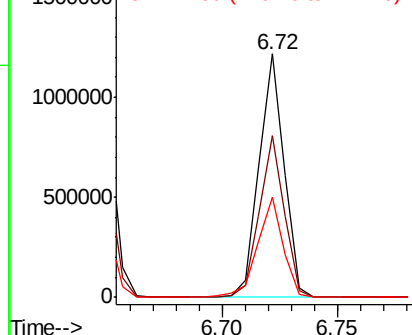
146 100

148 66.5 53.2 79.8

111 41.0 31.9 47.9



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: 6.767 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

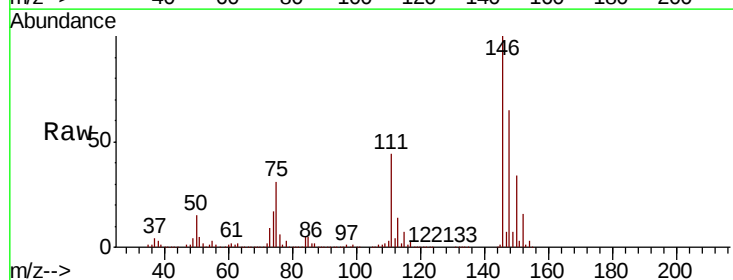
Tgt Ion:146 Resp: 724481

Ion Ratio Lower Upper

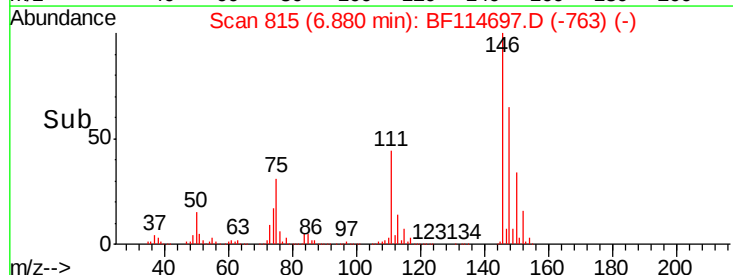
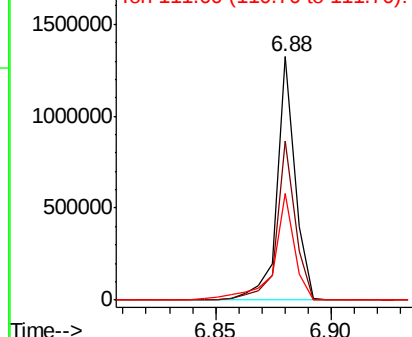
146 100

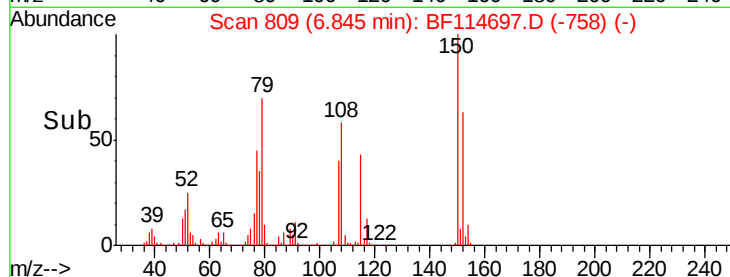
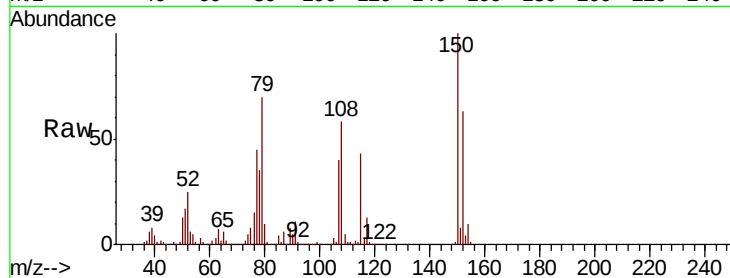
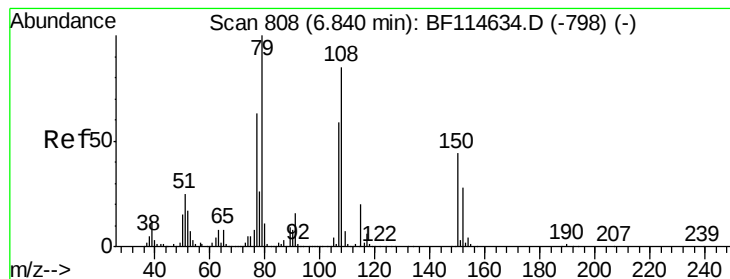
148 65.2 52.9 79.3

111 43.6 35.5 53.3



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





#15

Benzyl Alcohol

Concen: 8.431 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Instrument :

BNA_F

ClientSampleId :

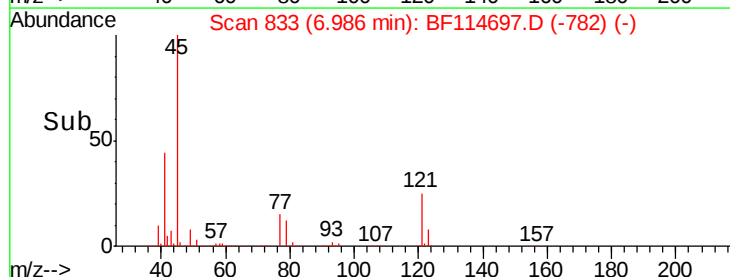
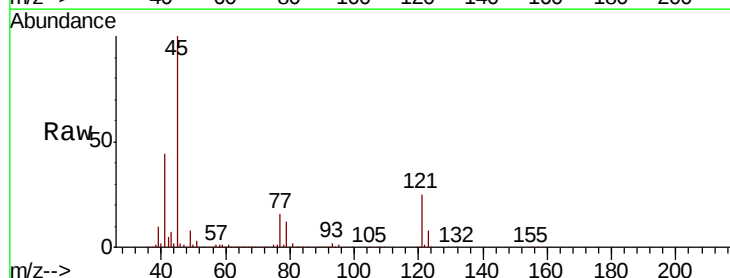
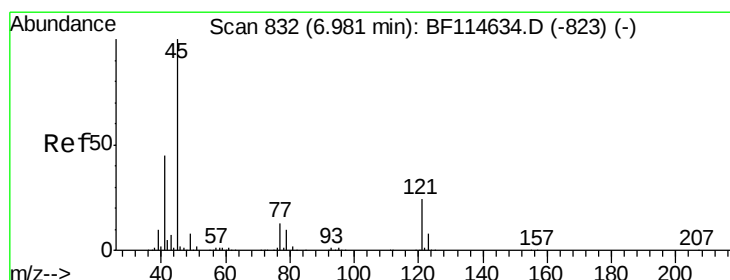
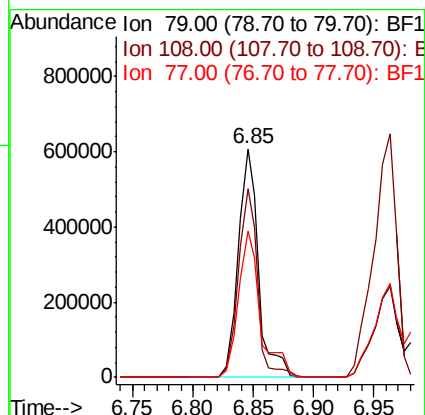
Tot Ion: 79 Resp: 712010

Ion Ratio Lower Upper

79 100

108 82.4 66.4 99.6

77 63.9 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.492 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

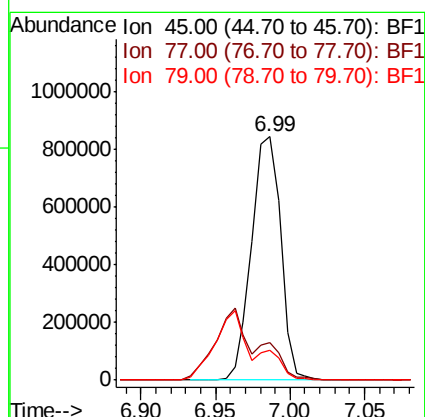
Tgt Ion: 45 Resp: 1140029

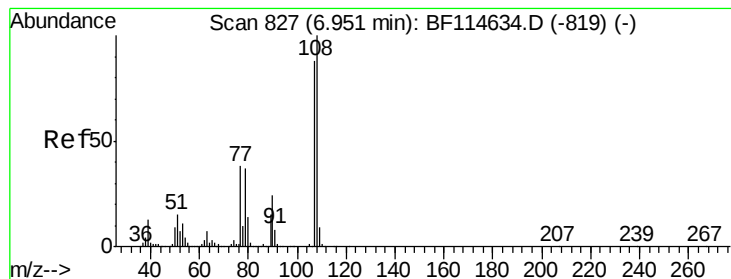
Ion Ratio Lower Upper

45 100

77 15.5 0.0 35.3

79 12.1 0.0 32.0

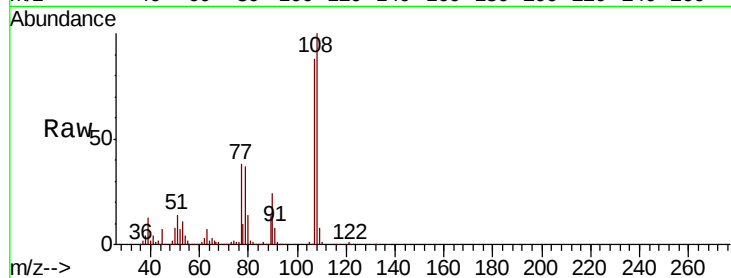




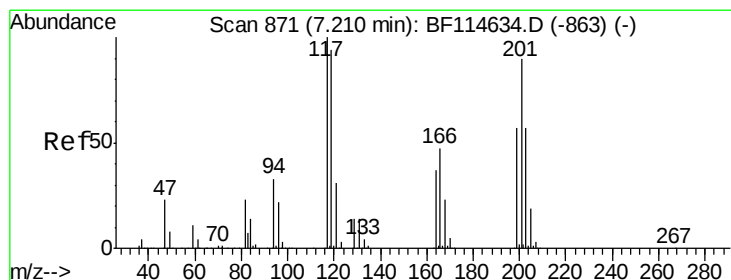
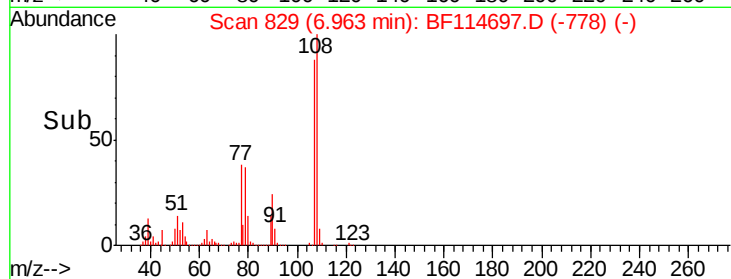
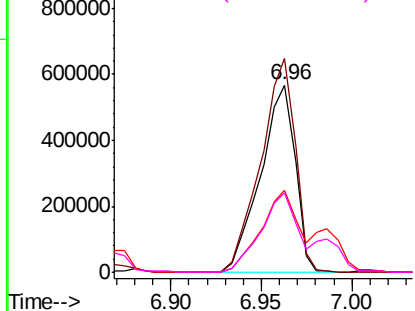
#17
2-Methylphenol
Concen: 8.664 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	754030
Ion	Ratio	Lower	Upper
107	100		
108	113.9	89.7	134.5
77	43.8	34.9	52.3
79	42.5	34.2	51.2

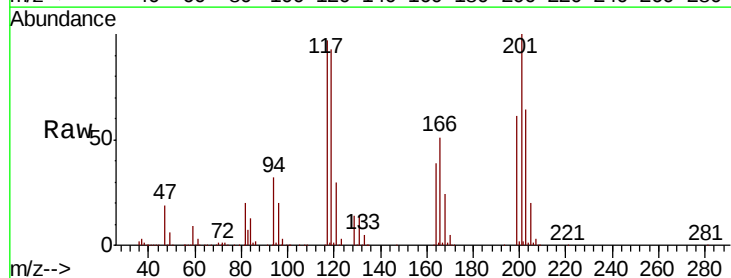


Abundance Ion 107.00 (106.70 to 107.70): E
1000000 Ion 108.00 (107.70 to 108.70): E
800000 Ion 77.00 (76.70 to 77.70): BF1
600000 Ion 79.00 (78.70 to 79.70): BF1
400000
200000
0

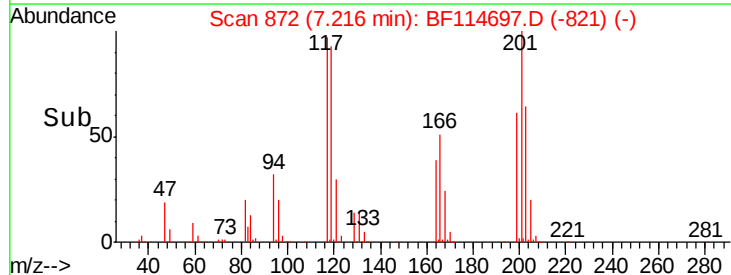
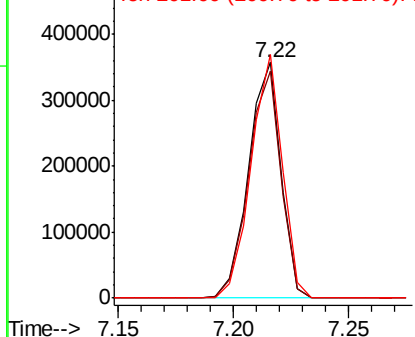


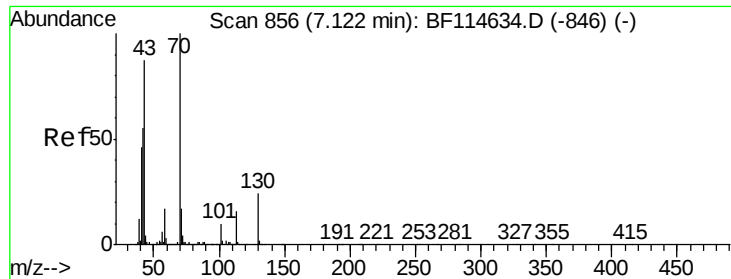
#18
Hexachloroethane
Concen: 7.839 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Tgt Ion:	117	Resp:	349042
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.9	116.9
201	103.3	77.9	116.9



Abundance Ion 117.00 (116.70 to 117.70): E
500000 Ion 119.00 (118.70 to 119.70): E
400000 Ion 201.00 (200.70 to 201.70): E
300000
200000
100000
0

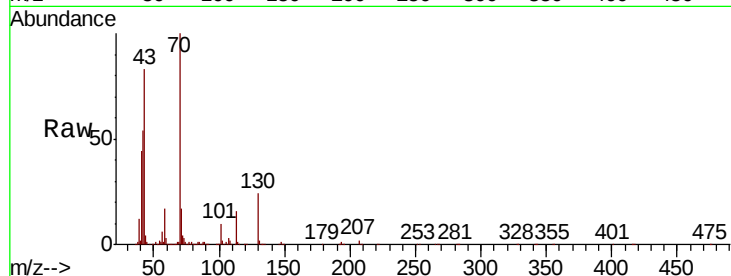




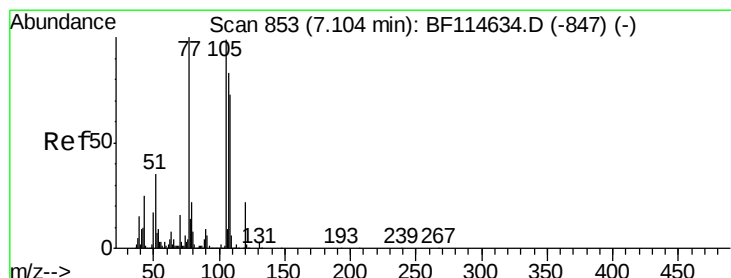
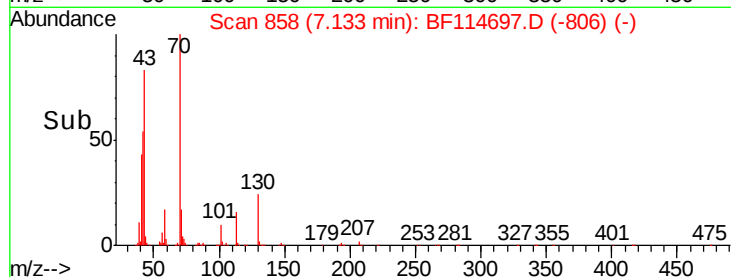
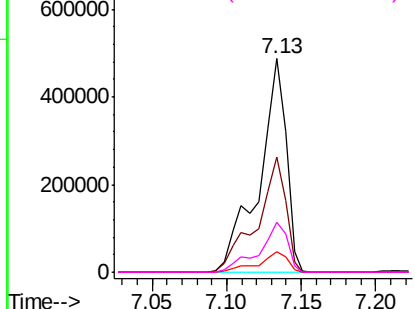
#19
n-Nitroso-di-n-propylamine
Concen: 8.376 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	620755
Ion	Ratio	Lower	Upper
70	100		
42	53.7	43.9	65.9
101	9.8	8.3	12.5
130	23.5	19.4	29.2

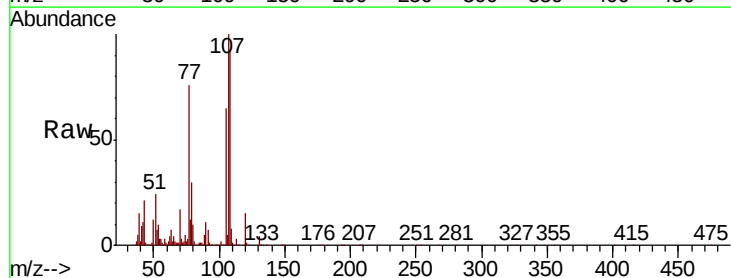


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

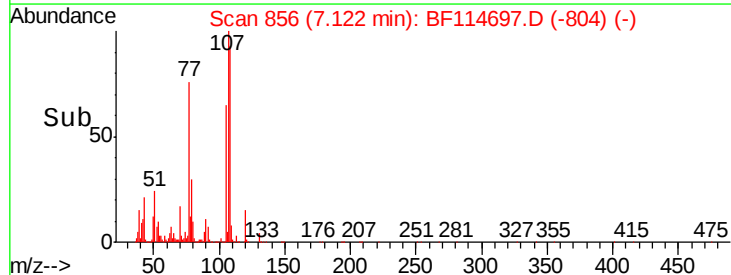
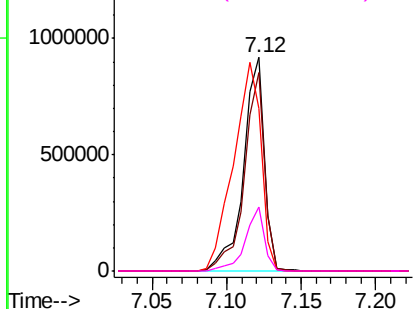


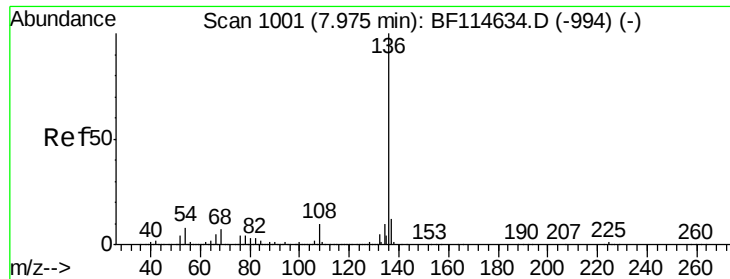
#20
3+4-Methylphenols
Concen: 8.671 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Tgt Ion:	107	Resp:	887561
Ion	Ratio	Lower	Upper
107	100		
108	93.0	69.7	109.7
77	76.0	99.5	139.5#
79	30.0	8.3	48.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

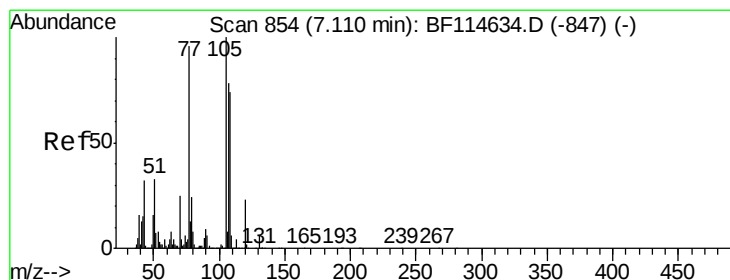
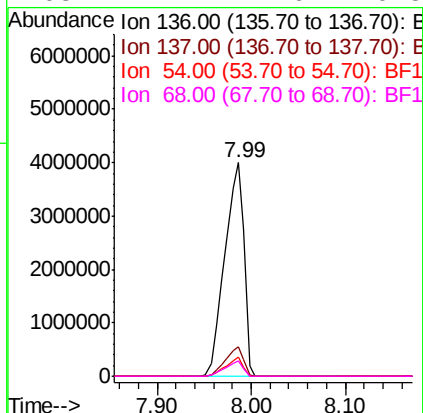
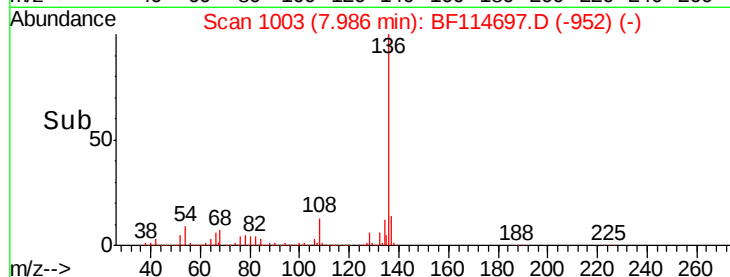
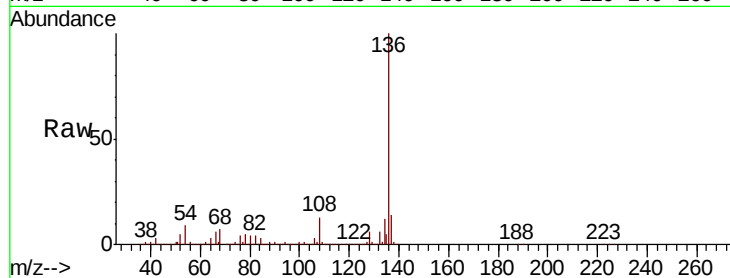




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

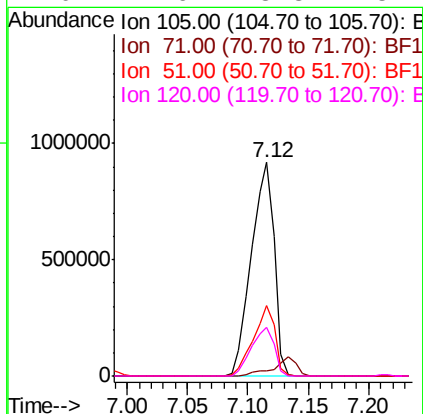
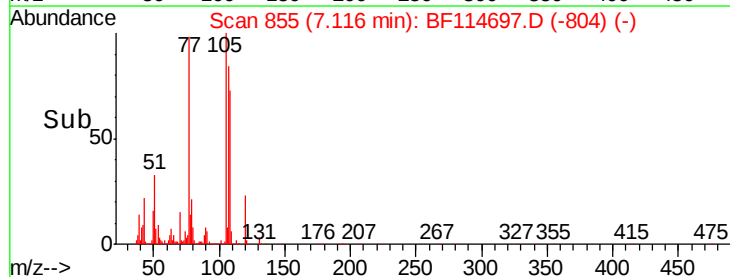
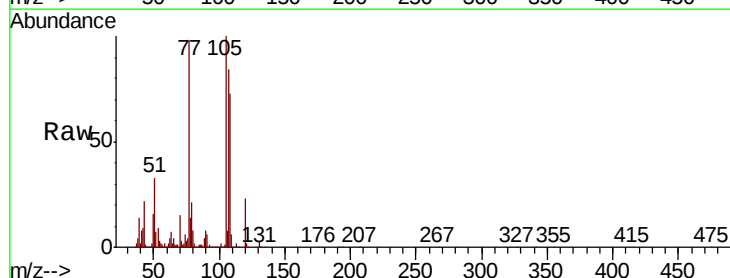
Instrument :
BNA_F
ClientSampleId :

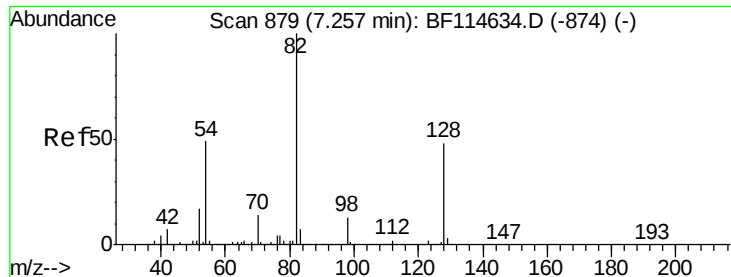
Tot Ion:136	Resp: 5698142
Ion Ratio	Lower Upper
136 100	
137 13.9	9.1 13.7#
54 8.7	5.2 7.8#
68 7.1	4.6 6.8#



#22
Acetophenone
Concen: 10.026 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Tgt	Ion:105	Resp:	1217211
Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.5	3.7
51	32.8	27.4	41.0
120	22.6	18.8	28.2





#23

Nitrobenzene-d5

Concen: 75.250 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.01 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

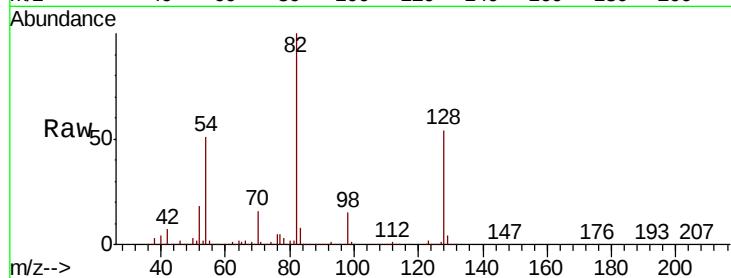
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 6872761

Ion	Ratio	Lower	Upper
82	100		
128	53.7	41.7	62.5
54	51.4	37.5	56.3

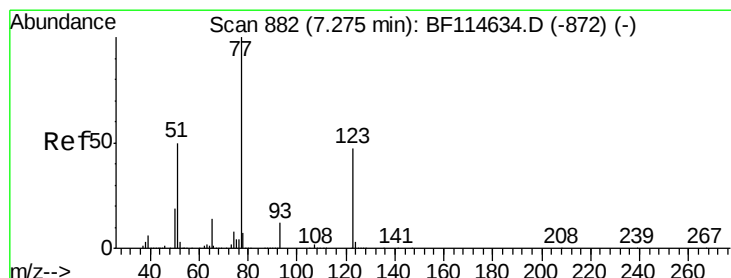
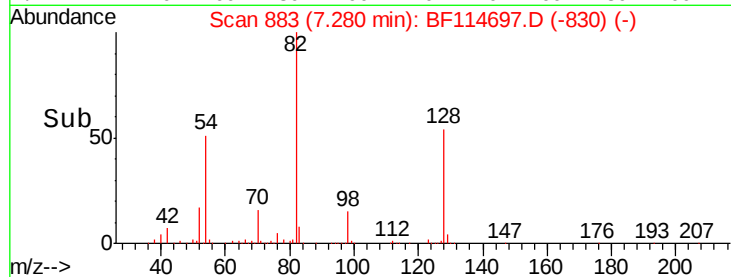


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 8.233 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Tgt Ion: 77 Resp: 798709

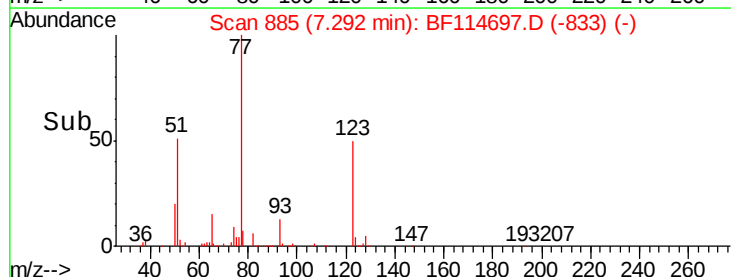
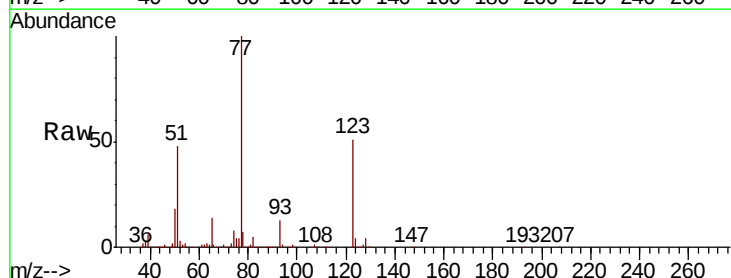
Ion	Ratio	Lower	Upper
77	100		
123	50.6	42.8	64.2
65	13.9	10.8	16.2

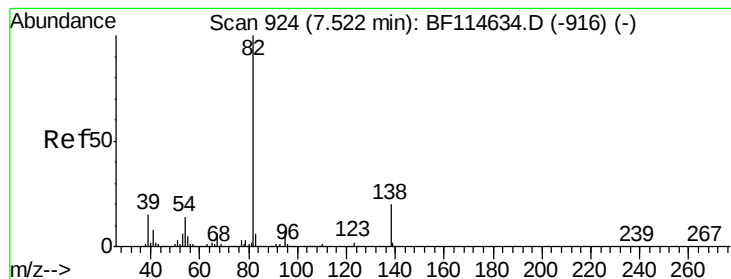
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 9.120 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

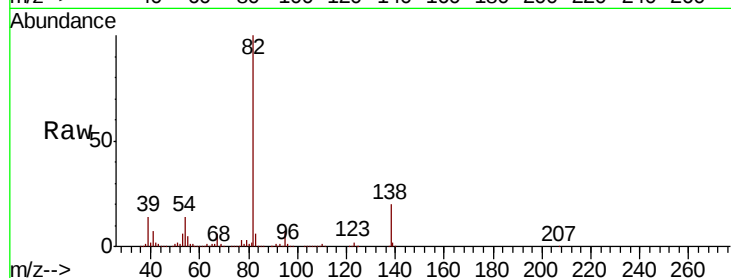
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1671717

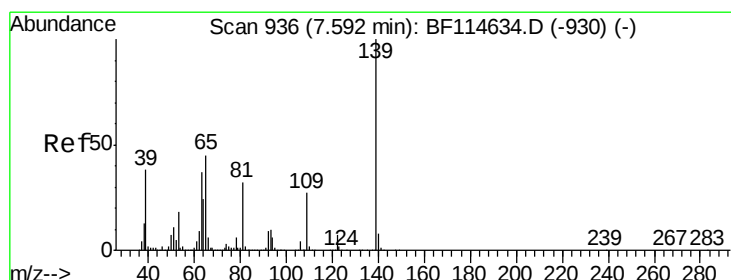
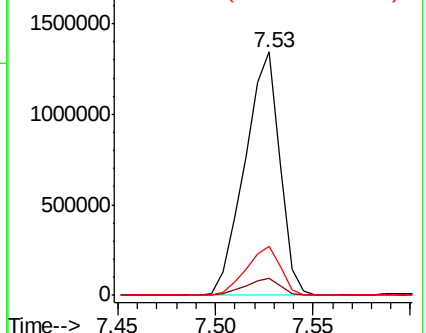
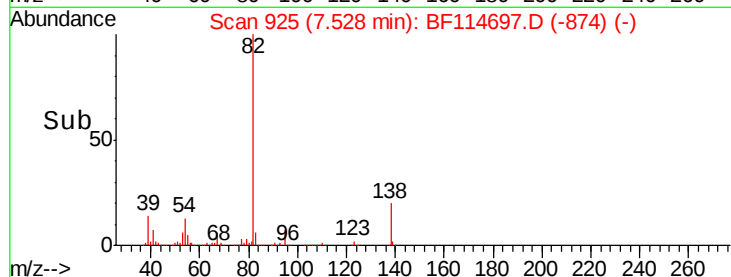
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.8
138	20.3	16.1	24.1



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: 10.168 ng

RT: 7.60 min Scan# 937

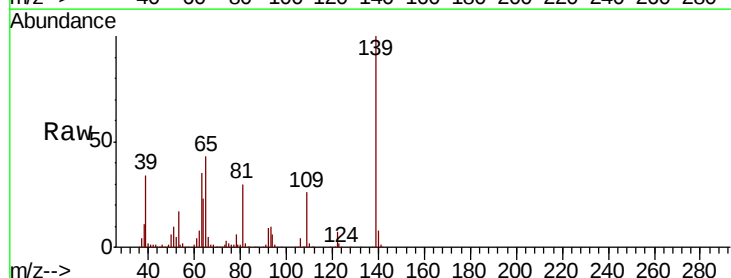
Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Tgt Ion: 139 Resp: 480191

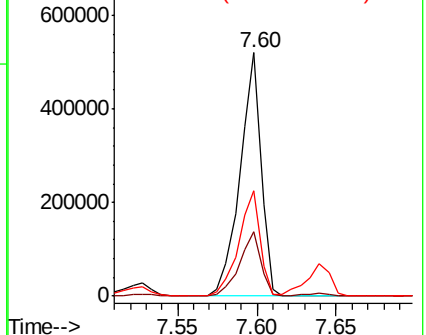
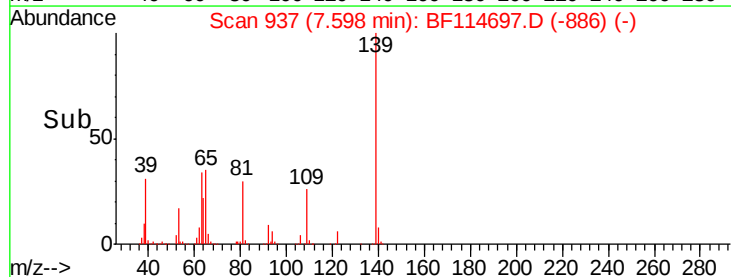
Ion	Ratio	Lower	Upper
139	100		
109	26.4	21.7	32.5
65	43.0	36.2	54.2

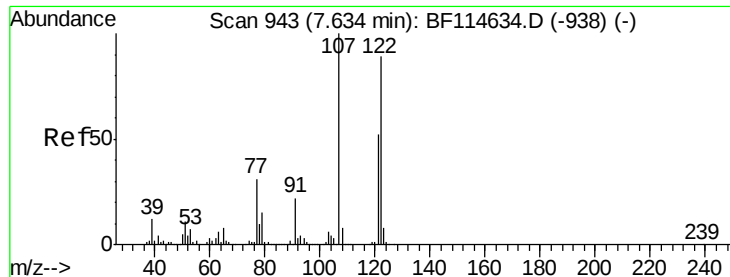


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 10.445 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Instrument :

BNA_F

ClientSampled :

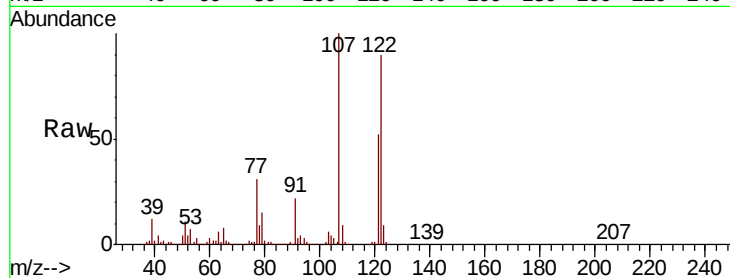
Tot Ion:122 Resp: 820360

Ion Ratio Lower Upper

122 100

107 110.7 87.7 131.5

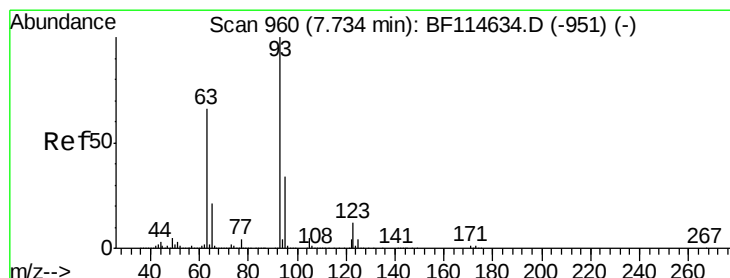
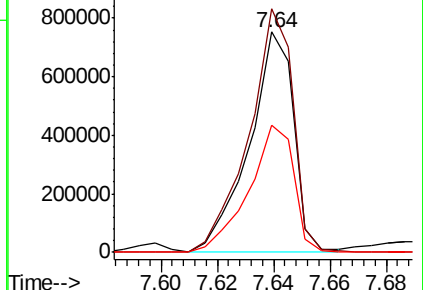
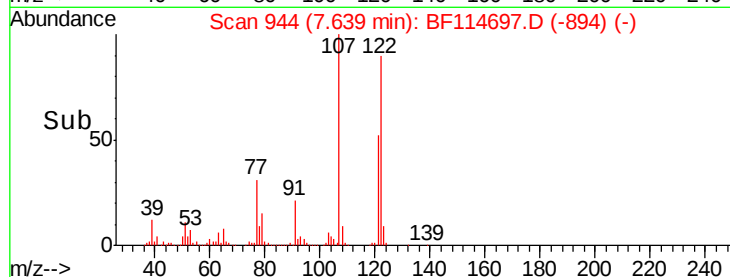
121 58.0 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 8.982 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

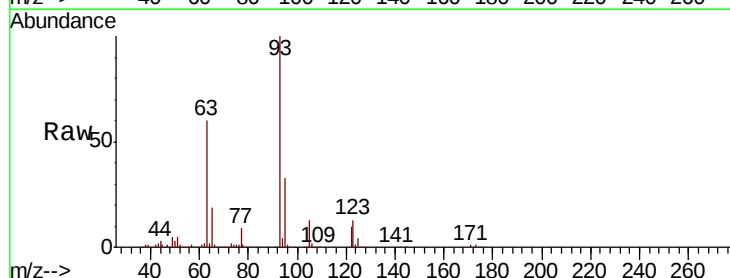
Tgt Ion: 93 Resp: 1047966

Ion Ratio Lower Upper

93 100

95 32.9 27.2 40.8

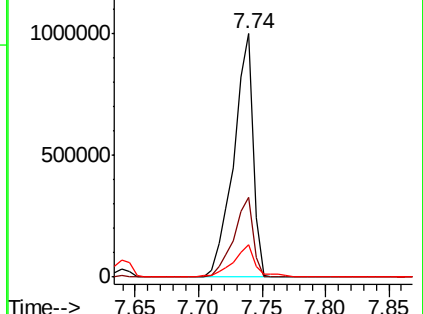
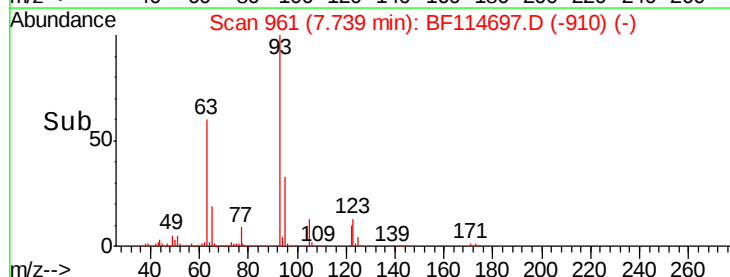
123 13.4 10.0 15.0

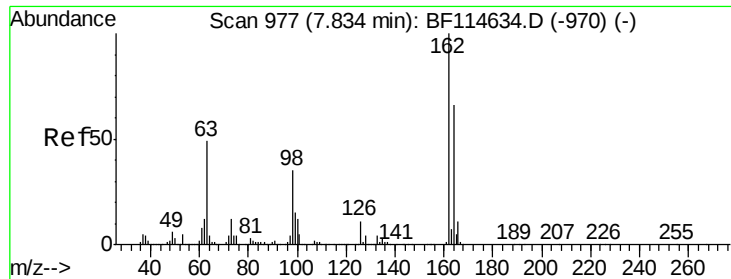


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

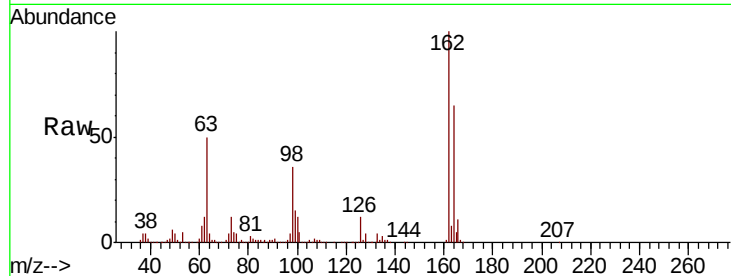




#29
2,4-Dichlorophenol
Concen: 9.707 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.9	85.9
98	36.0	13.0	53.0

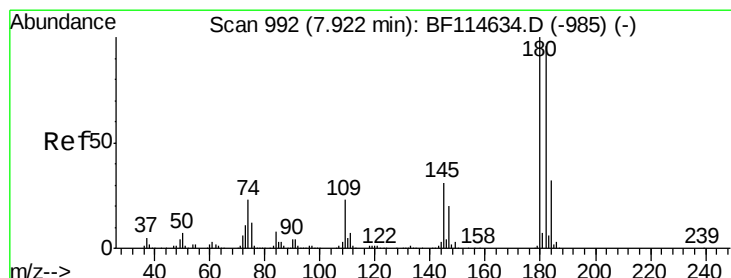
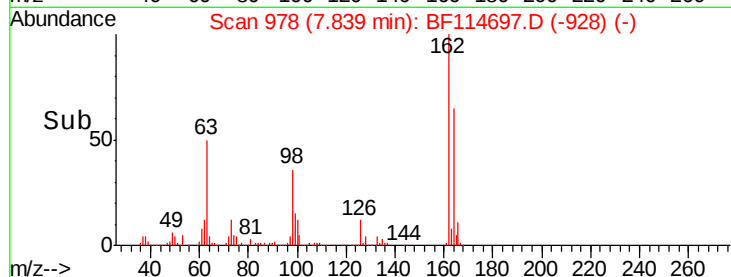
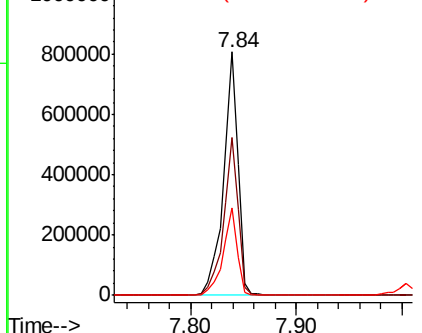


Abundance

Ion 162.00 (161.70 to 162.70): E

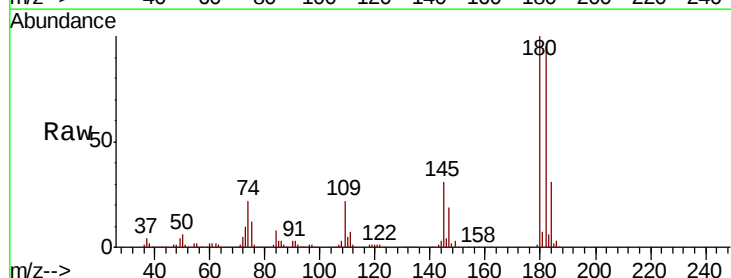
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 9.411 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.8
145	30.5	24.7	37.1

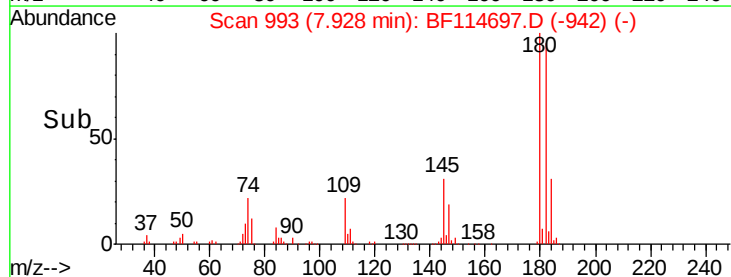
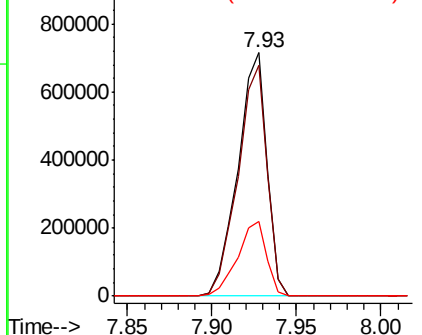


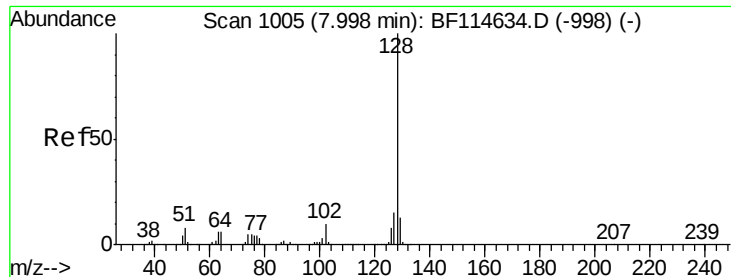
Abundance

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

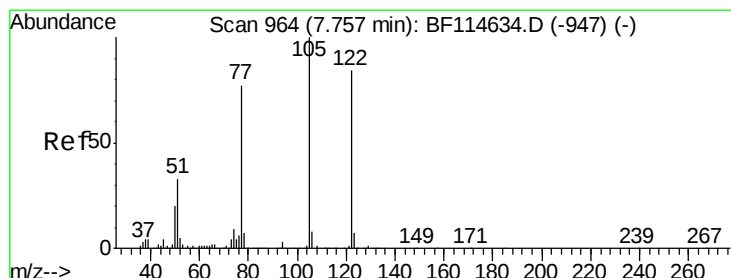
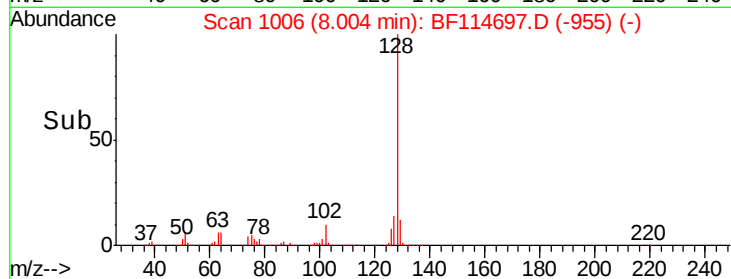
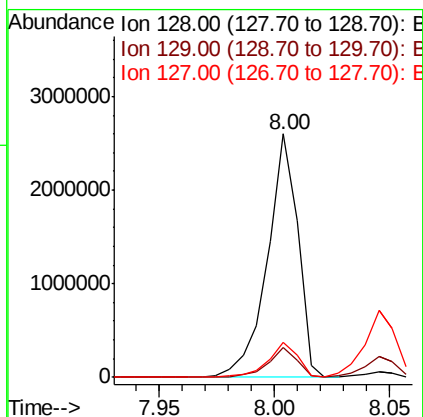
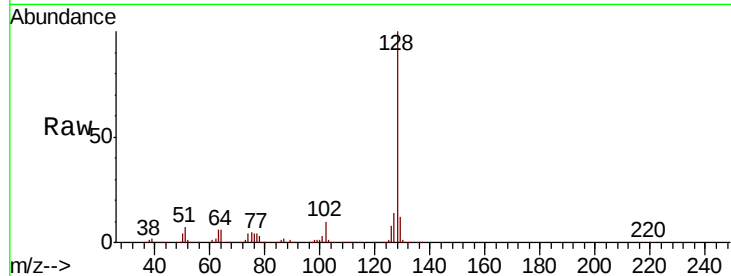




#31
Naphthalene
Concen: 9.067 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

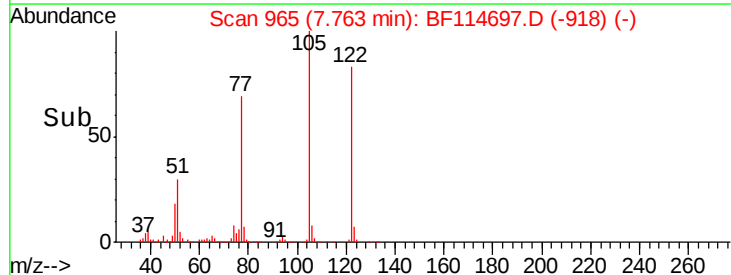
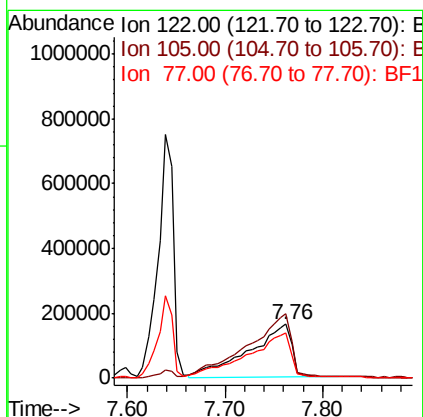
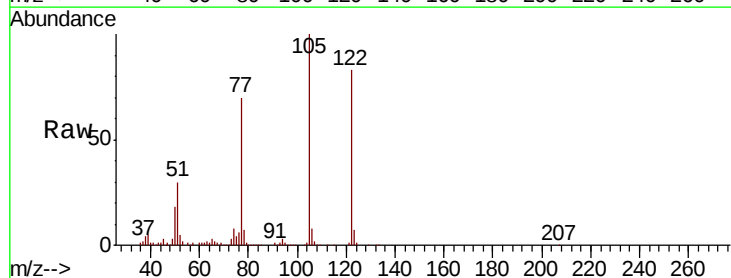
Instrument :
BNA_F
ClientSampleId :

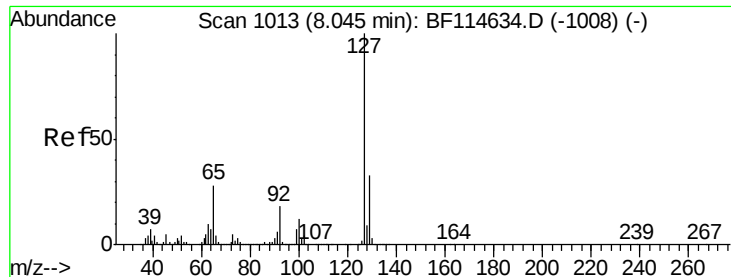
Tot Ion:128 Resp: 2379677
Ion Ratio Lower Upper
128 100
129 12.3 10.7 16.1
127 14.4 12.3 18.5



#32
Benzoic acid
Concen: 9.966 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Tgt Ion:122 Resp: 508431
Ion Ratio Lower Upper
122 100
105 119.9 99.1 139.1
77 83.5 65.3 105.3

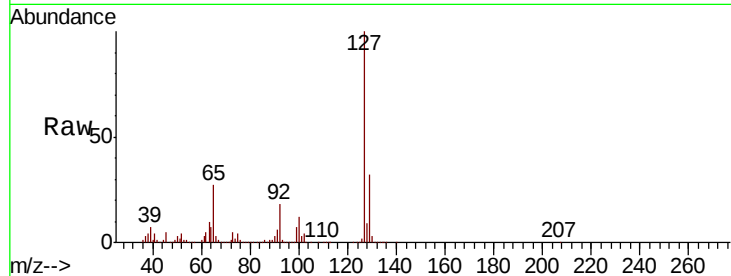




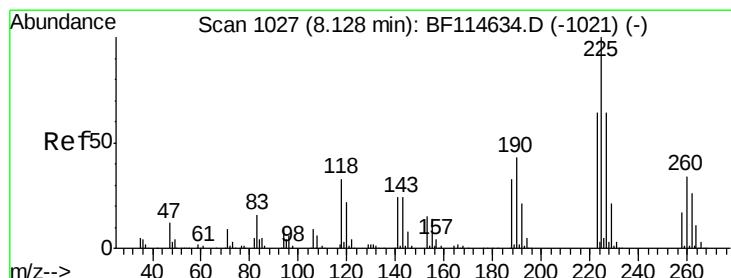
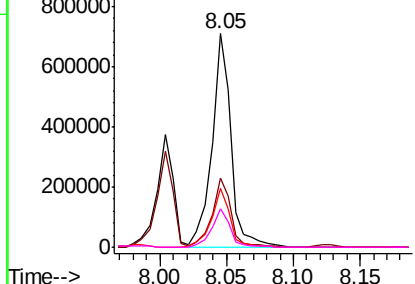
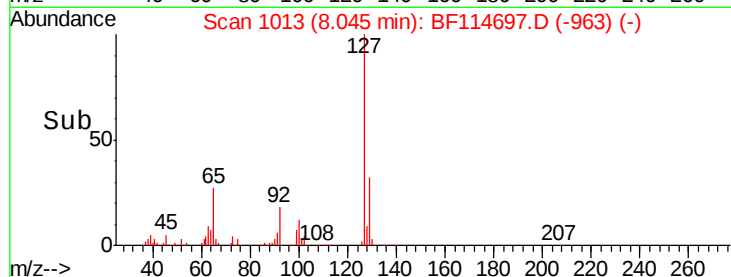
#33
4-Chloroaniline
Concen: 5.674 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	709570
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.0	40.4
65	27.4	22.9	34.3
92	18.1	15.2	22.8

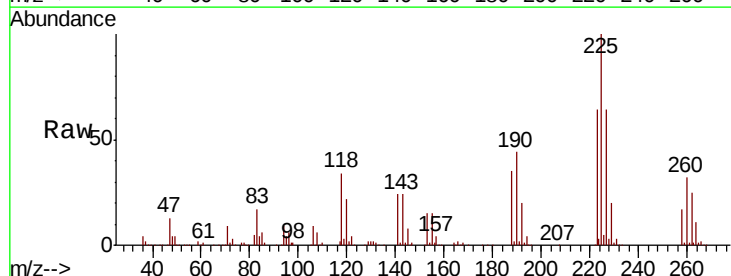


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

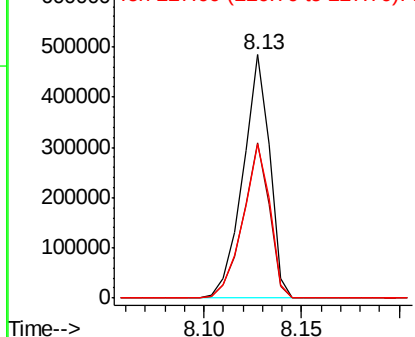
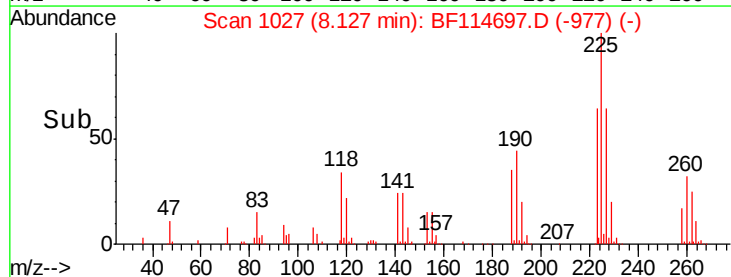


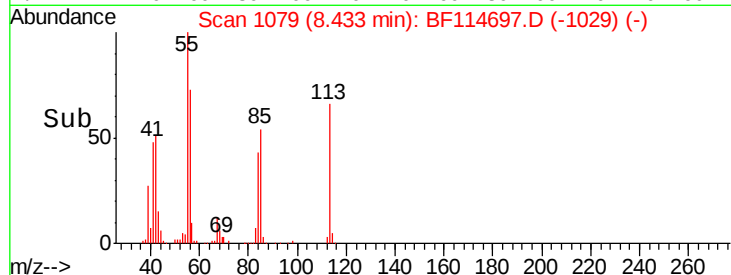
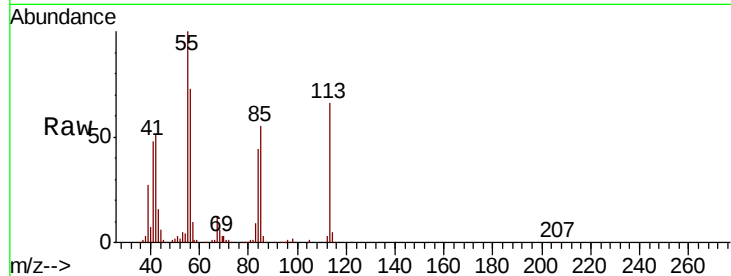
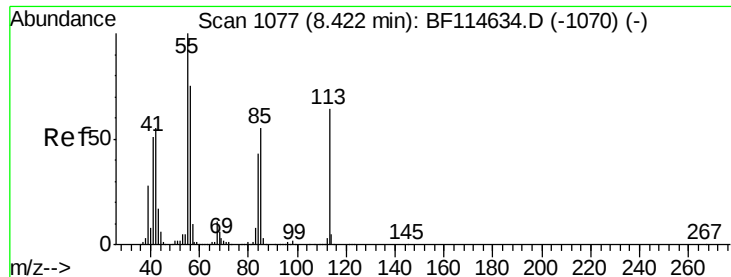
#34
Hexachlorobutadiene
Concen: 9.090 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Tgt Ion:	225	Resp:	459934
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.3	75.5
227	63.5	52.4	78.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

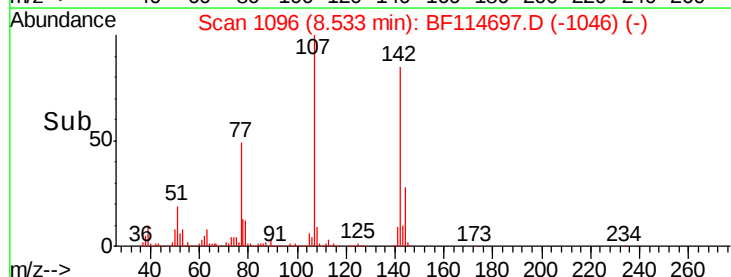
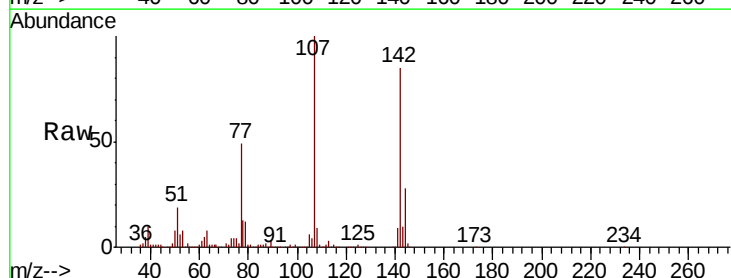
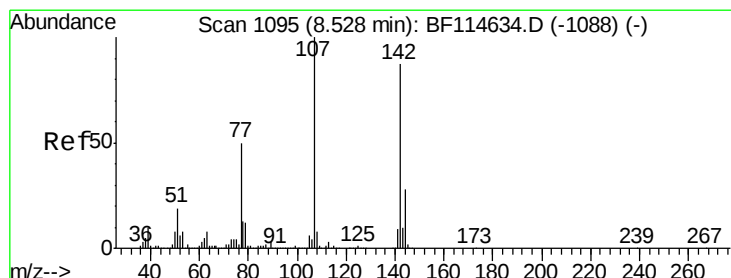
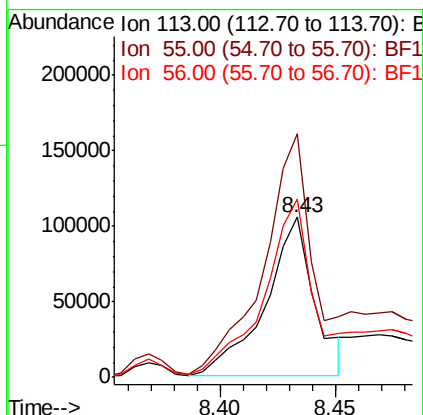




#35
Caprolactam
Concen: 5.723 ng
RT: 8.43 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

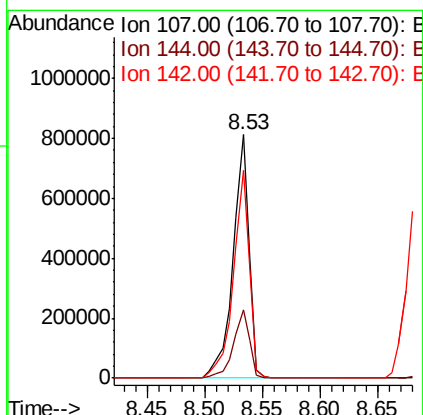
Instrument :
BNA_F
ClientSampleId :

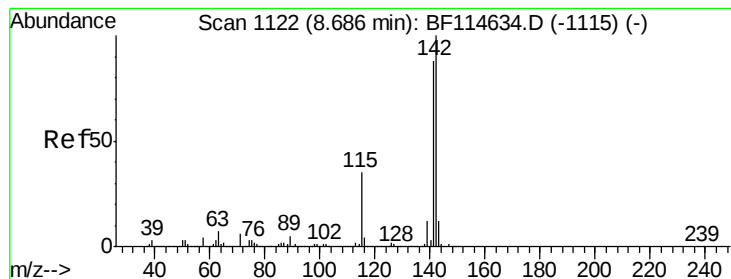
Tot Ion:113 Resp: 154394
Ion Ratio Lower Upper
113 100
55 151.9 130.4 170.4
56 111.3 91.4 131.4



#36
4-Chloro-3-methylphenol
Concen: 9.697 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Tgt Ion:107 Resp: 777412
Ion Ratio Lower Upper
107 100
144 27.8 22.6 33.8
142 85.4 69.4 104.2





#37

2-Methylnaphthalene

Concen: 9.982 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Instrument :

BNA_F

ClientSampleId :

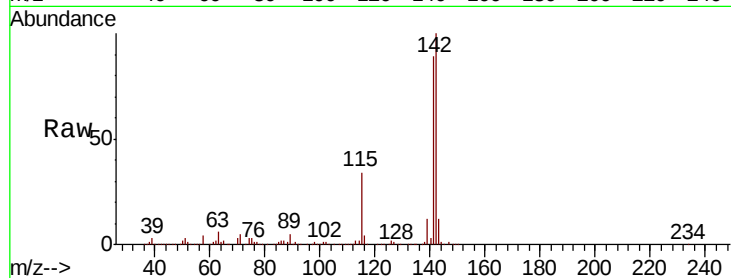
Tot Ion:142 Resp: 1740718

Ion Ratio Lower Upper

142 100

141 89.0 70.5 105.7

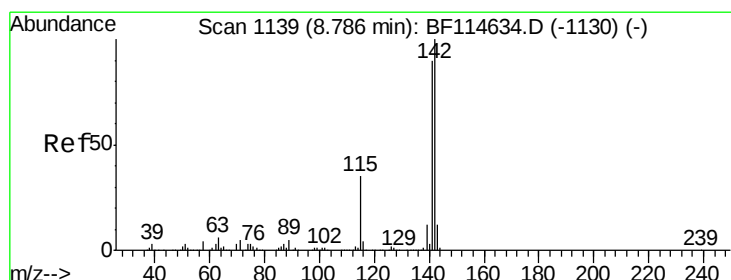
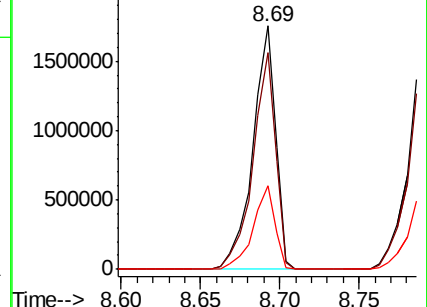
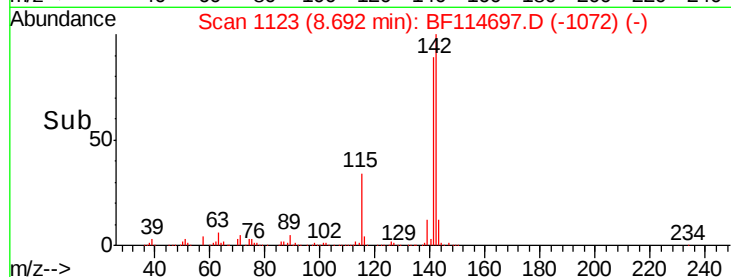
115 34.1 28.4 42.6



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: 10.027 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

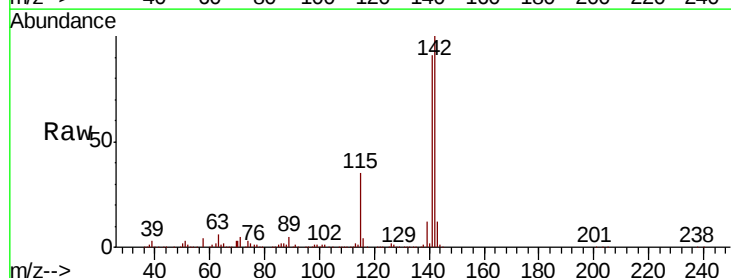
Tgt Ion:142 Resp: 1656743

Ion Ratio Lower Upper

142 100

141 91.3 73.8 110.6

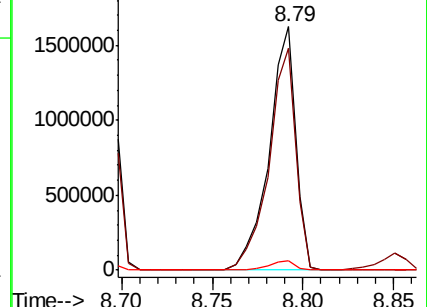
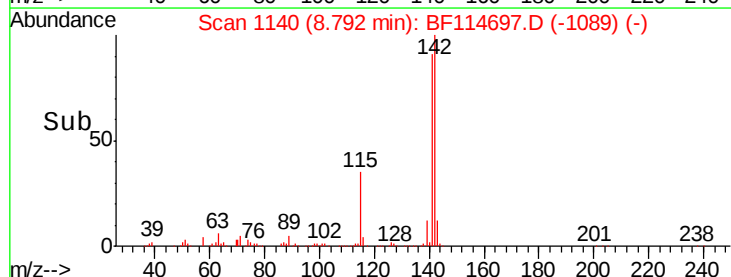
116 3.6 3.2 4.8

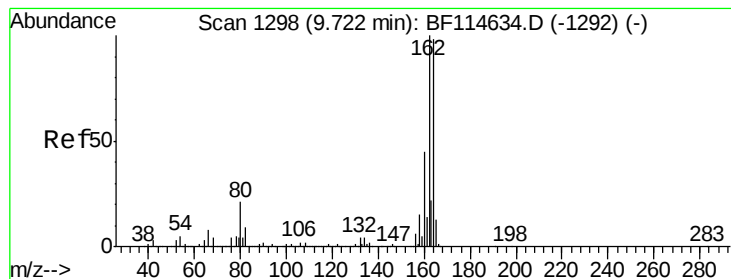


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1300

Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

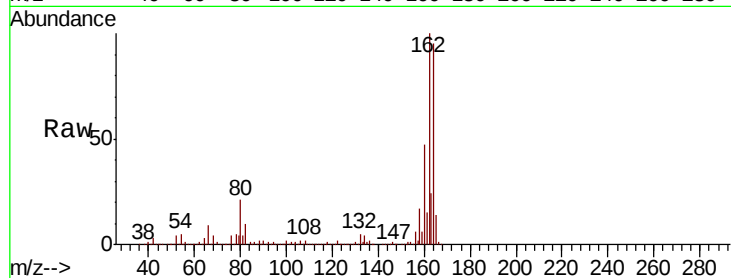
Instrument :

BNA_F

ClientSampleId :

Tot Ion:164 Resp: 2890831

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.4
160	49.8	38.2	57.2

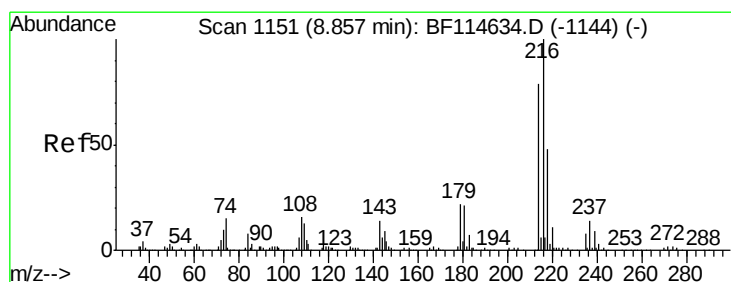
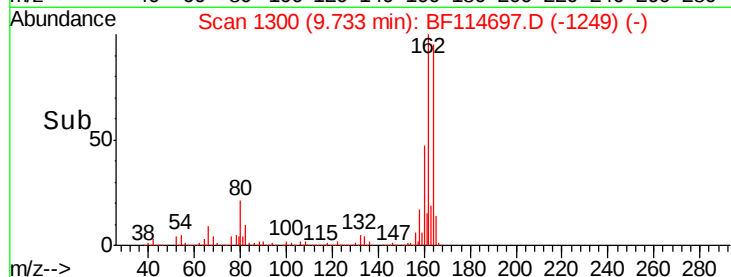
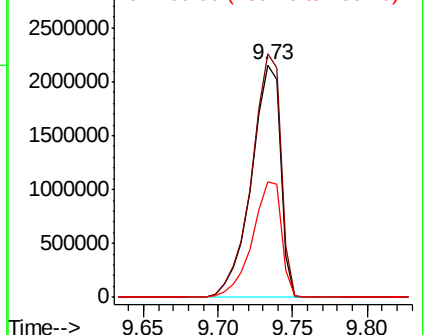


Abundance

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: 9.593 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Tgt Ion:216 Resp: 738544

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.3	94.9
179	22.0	18.1	27.1
108	21.3	15.4	23.2

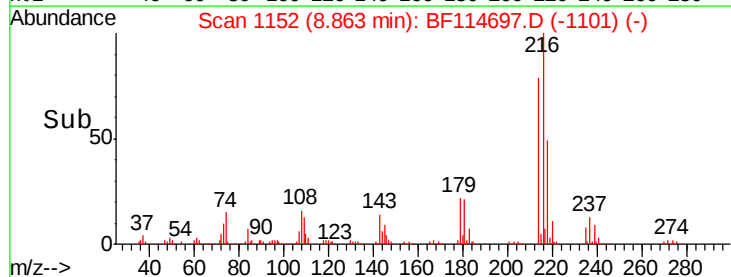
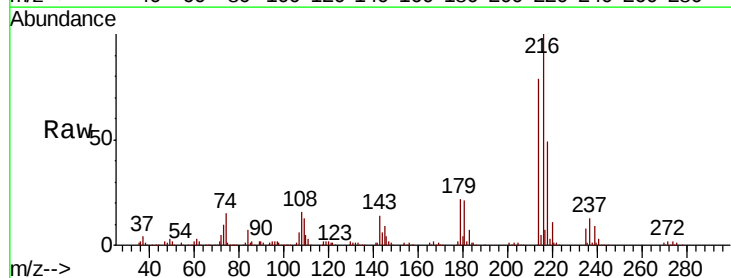
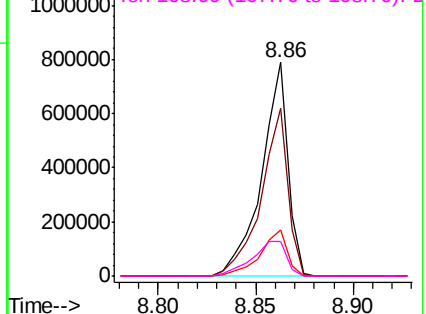
Abundance

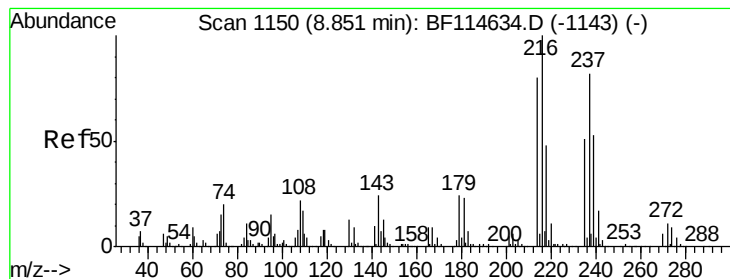
Ion 216.00 (215.70 to 216.70): E

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: 18.515 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Instrument :

BNA_F

ClientSampled :

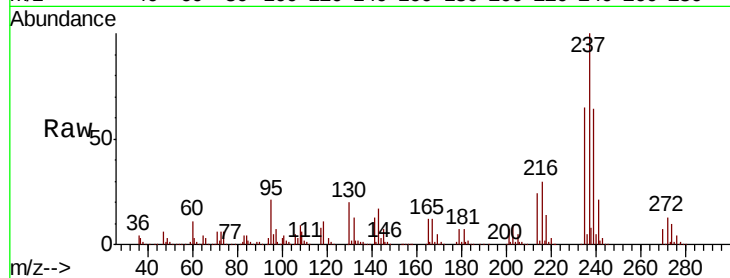
Tot Ion:237 Resp: 941941

Ion Ratio Lower Upper

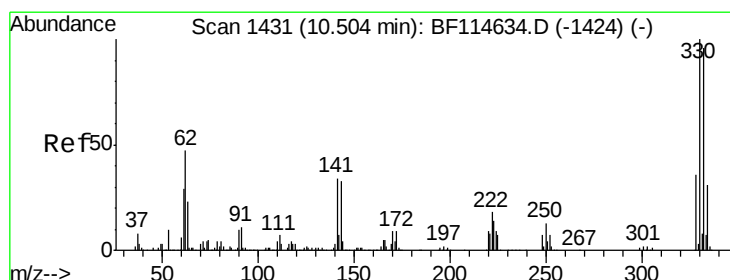
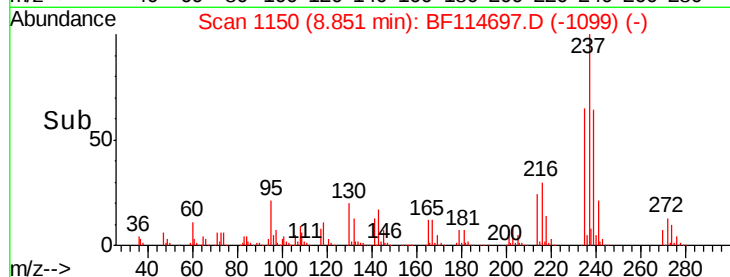
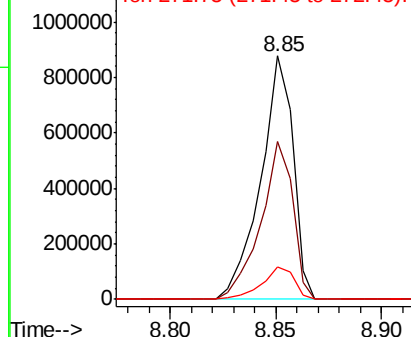
237 100

235 64.9 44.1 84.1

272 13.3 0.0 33.0



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: 109.513 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.02 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

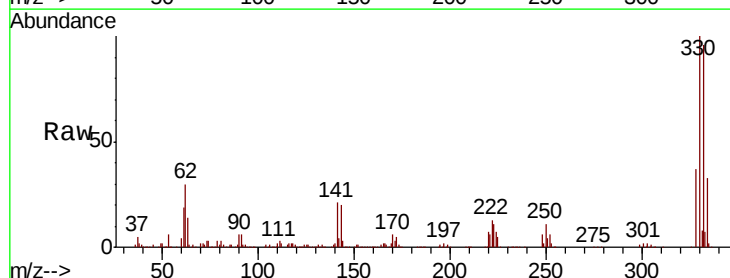
Tgt Ion:330 Resp: 3016533

Ion Ratio Lower Upper

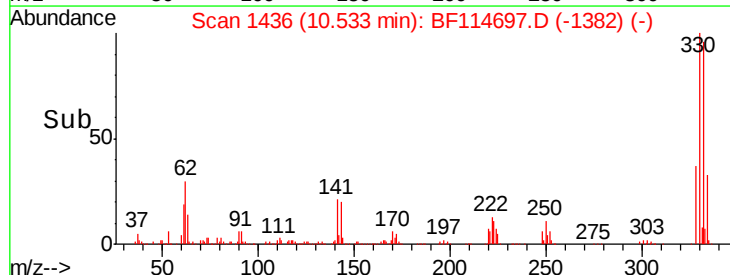
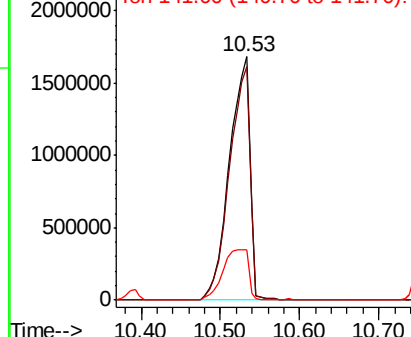
330 100

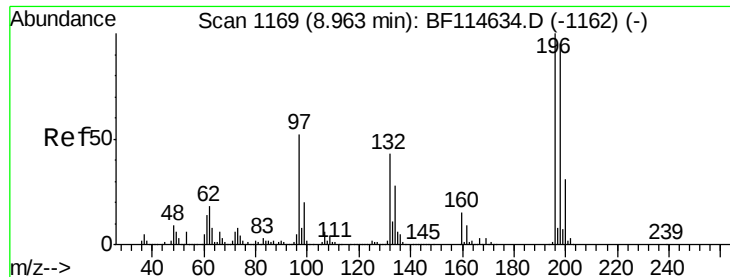
332 95.8 77.1 115.7

141 26.0 26.2 39.2#



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

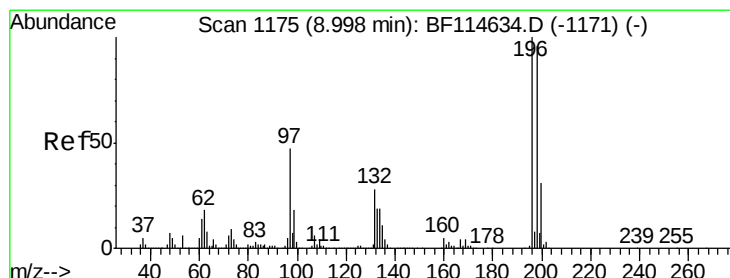
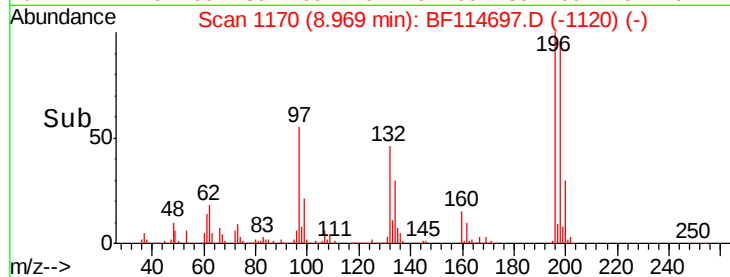
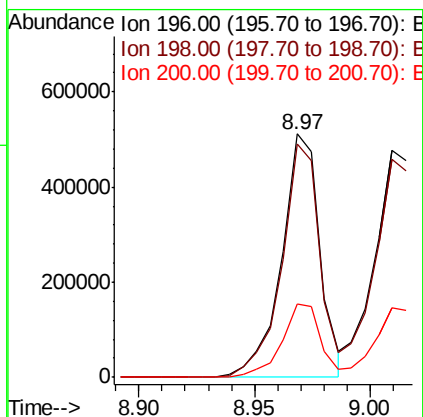
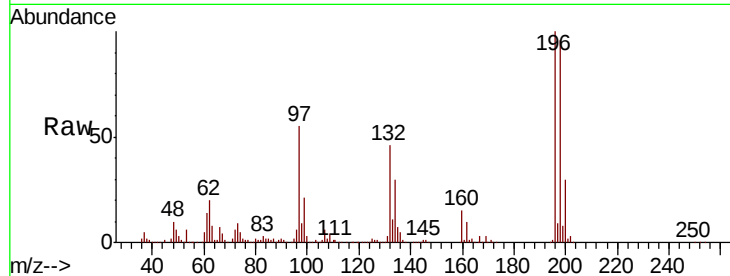




#43
 2,4,6-Trichlorophenol
 Concen: 9.695 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114697.D
 Acq: 31 May 2019 10:14

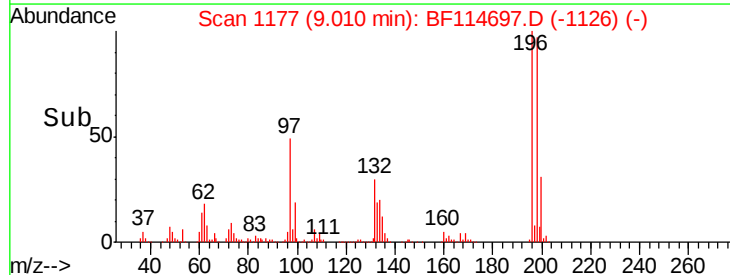
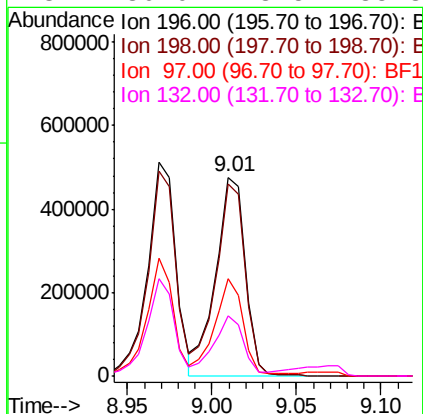
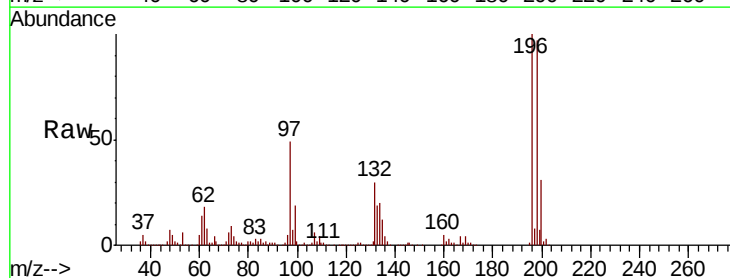
Instrument :
 BNA_F
 ClientSampled :

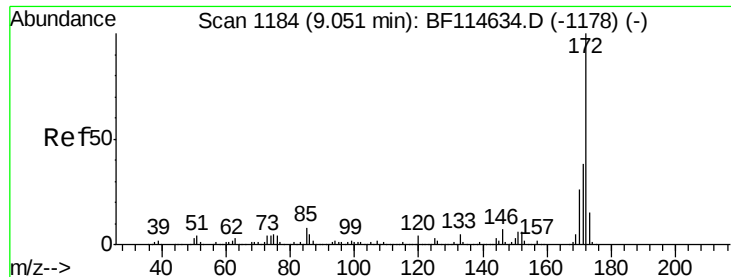
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	77.0	115.6
200	30.0	25.4	38.0



#44
 2,4,5-Trichlorophenol
 Concen: 9.659 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF114697.D
 Acq: 31 May 2019 10:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.3	114.5
97	48.7	37.8	56.8
132	30.0	23.5	35.3

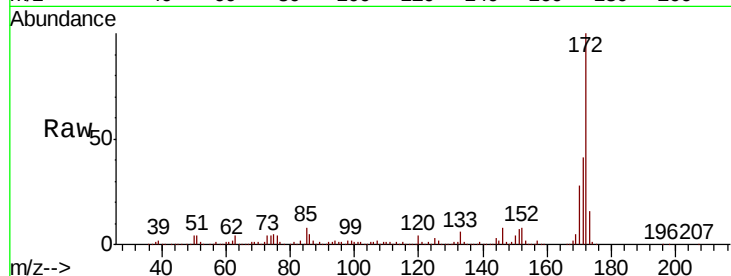




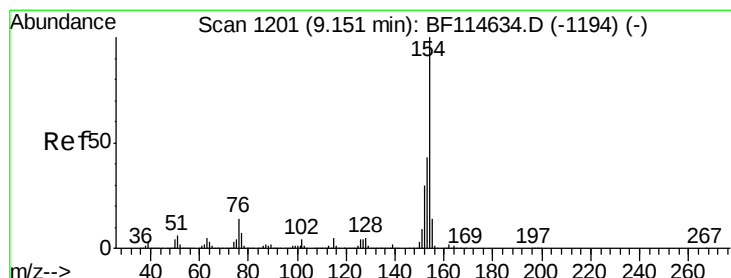
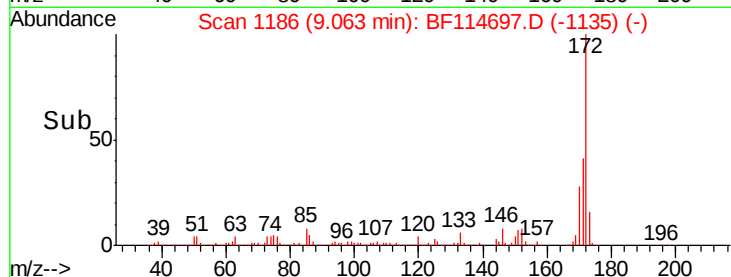
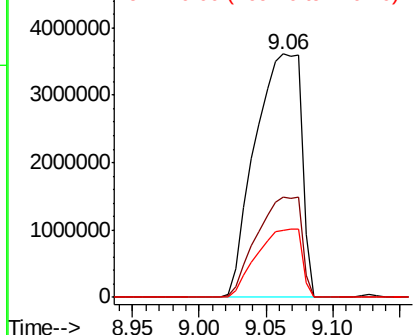
#45
 2-Fluorobiphenyl
 Concen: 50.283 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF114697.D
 Acq: 31 May 2019 10:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 8743976
 Ion Ratio Lower Upper
 172 100
 171 41.0 31.6 47.4
 170 27.6 21.5 32.3

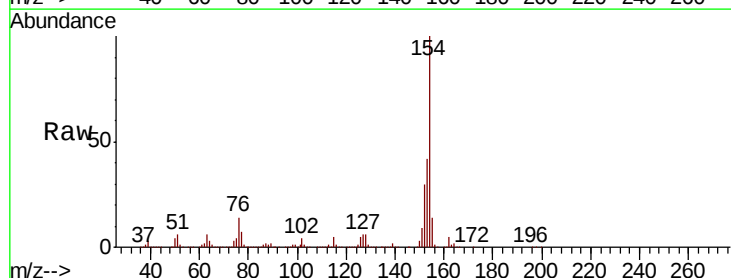


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

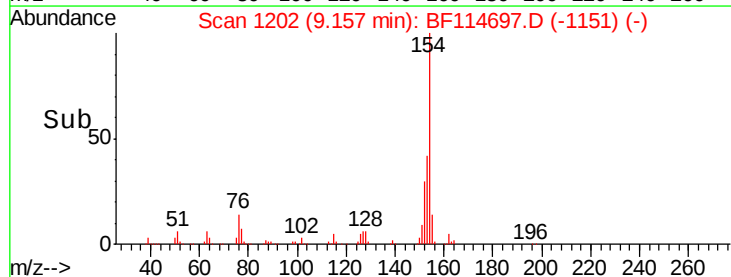
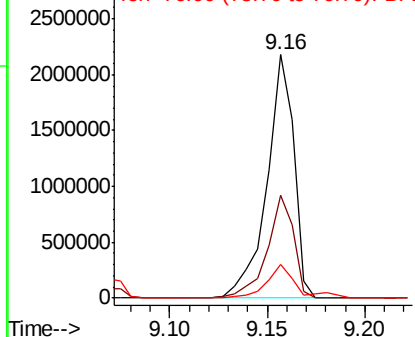


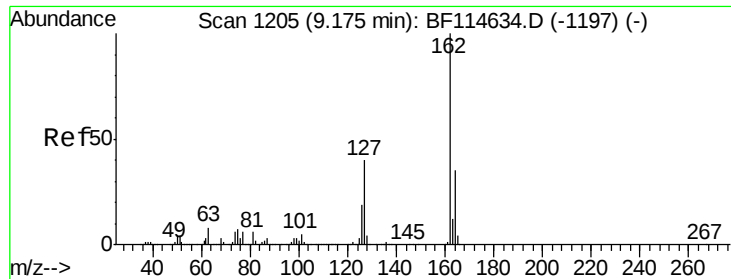
#46
 1,1'-Biphenyl
 Concen: 9.717 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF114697.D
 Acq: 31 May 2019 10:14

Tgt Ion:154 Resp: 2085129
 Ion Ratio Lower Upper
 154 100
 153 42.1 23.3 63.3
 76 13.9 0.0 34.4



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

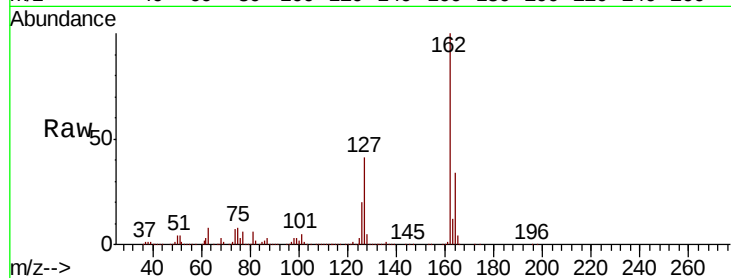




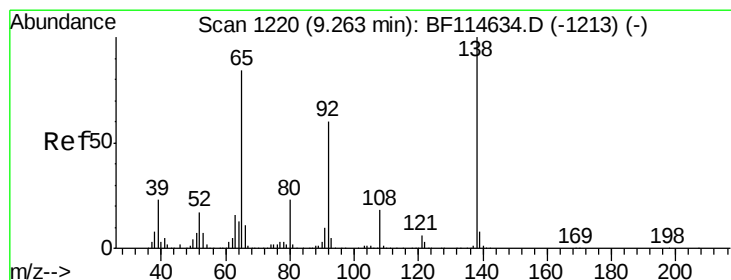
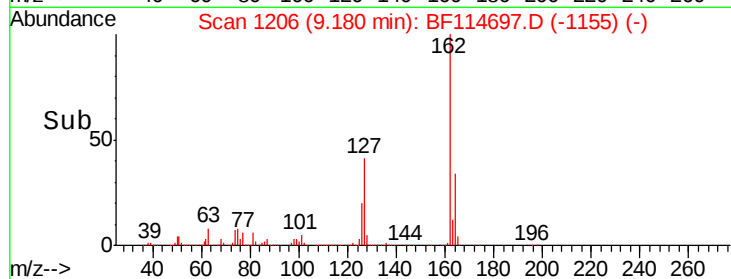
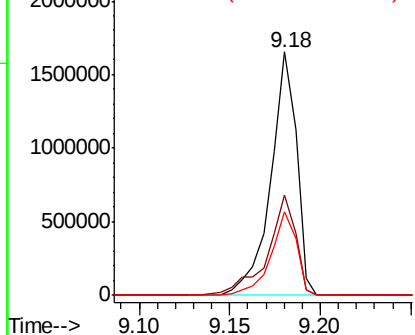
#47
2-Chloronaphthalene
Concen: 9.311 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1638930
Ion Ratio Lower Upper
162 100
127 41.4 34.8 52.2
164 34.3 28.5 42.7

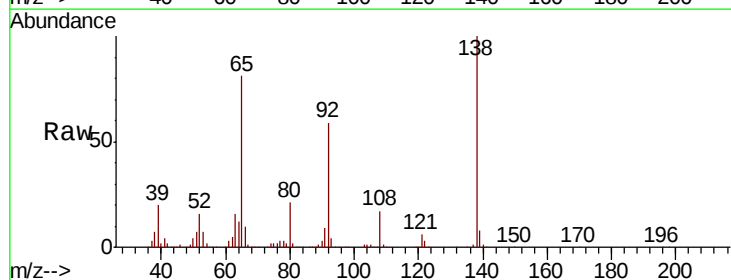


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

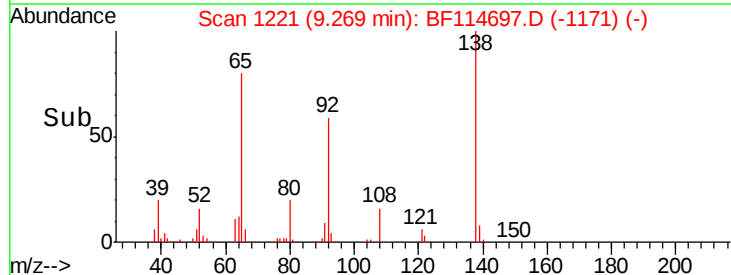
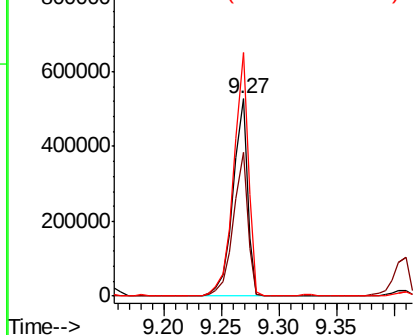


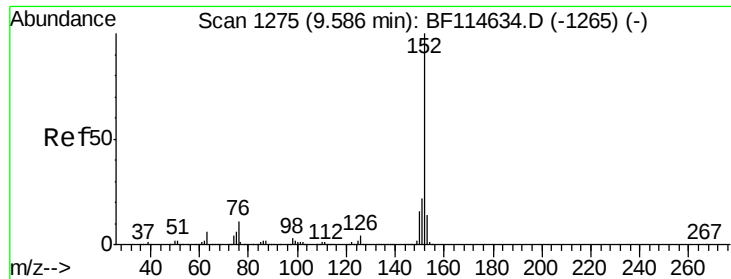
#48
2-Nitroaniline
Concen: 8.560 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Tgt Ion: 65 Resp: 464968
Ion Ratio Lower Upper
65 100
92 72.6 60.2 90.4
138 123.4 107.2 160.8



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





#49

Acenaphthylene

Concen: 9.131 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Instrument :

BNA_F

ClientSampleId :

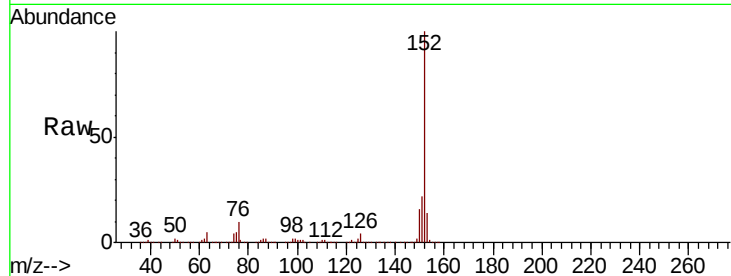
Tot Ion:152 Resp: 2482965

Ion Ratio Lower Upper

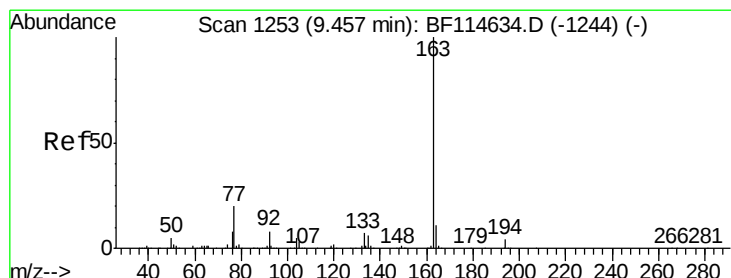
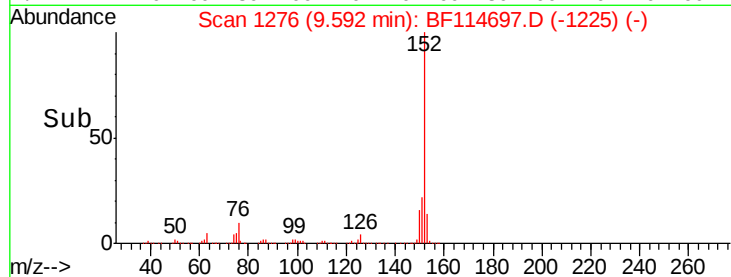
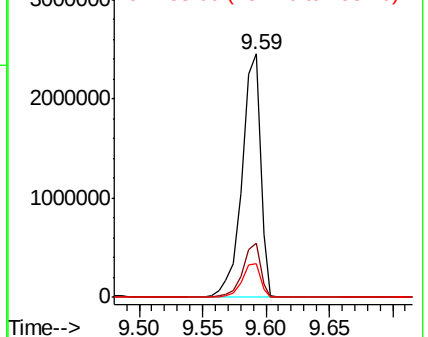
152 100

151 22.0 18.3 27.5

153 14.0 12.2 18.4



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: 9.297 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

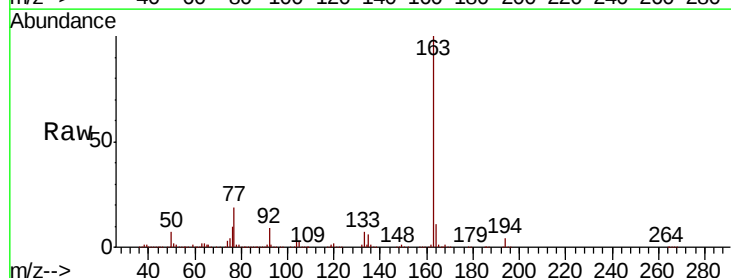
Tgt Ion:163 Resp: 1872688

Ion Ratio Lower Upper

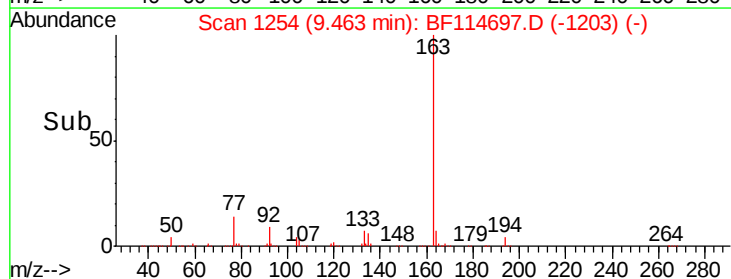
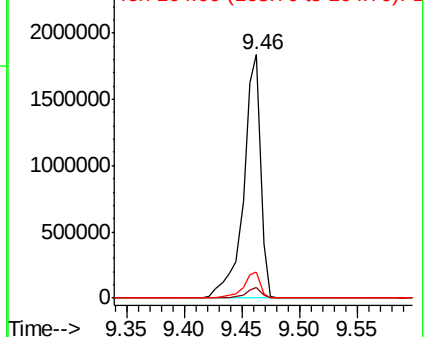
163 100

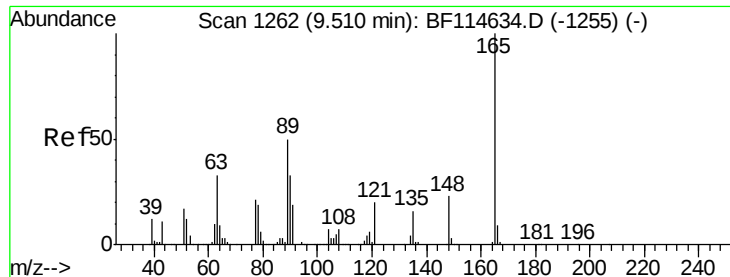
194 4.2 3.4 5.2

164 10.6 9.1 13.7



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





#51

2,6-Dinitrotoluene

Concen: 9.402 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Instrument :

BNA_F

ClientSampleId :

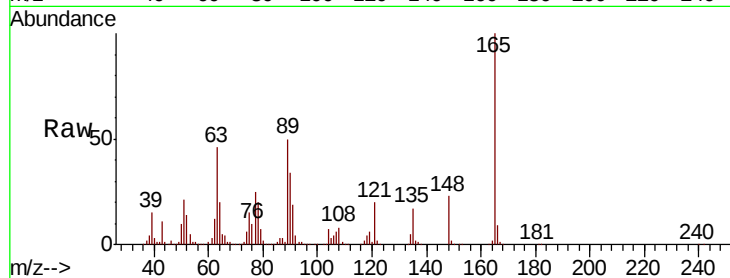
Tot Ion:165 Resp: 440083

Ion Ratio Lower Upper

165 100

63 45.8 40.7 61.1

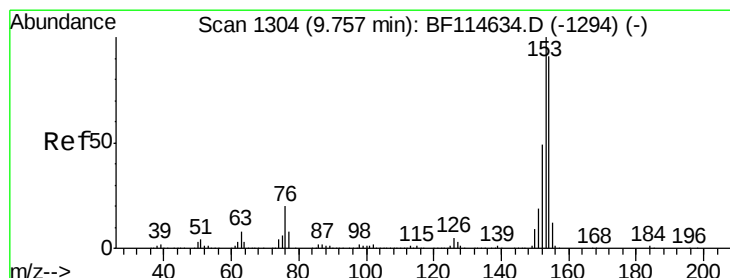
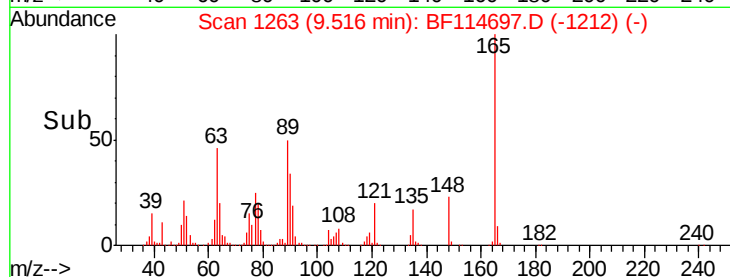
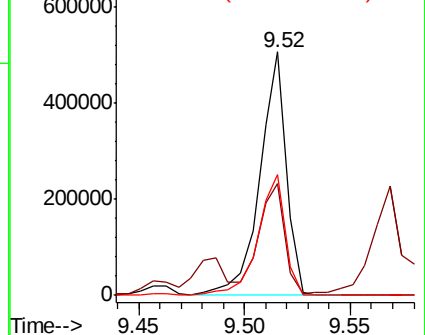
89 49.8 42.6 63.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 10.048 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

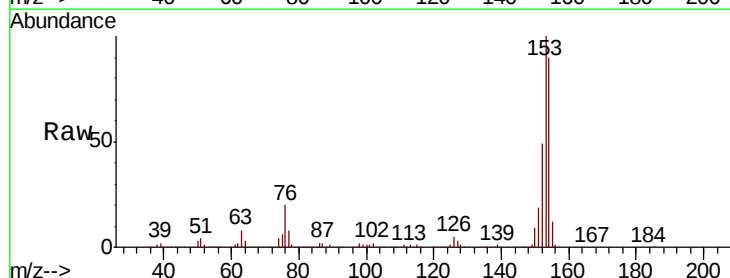
Tgt Ion:154 Resp: 1675787

Ion Ratio Lower Upper

154 100

153 110.8 89.0 133.6

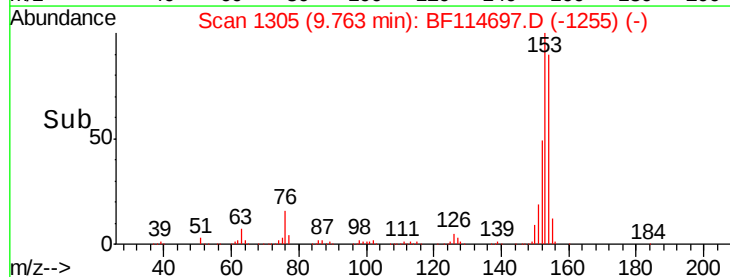
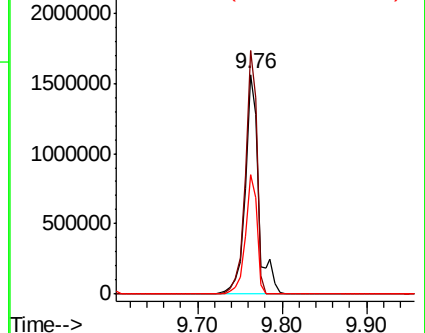
152 54.6 43.8 65.6

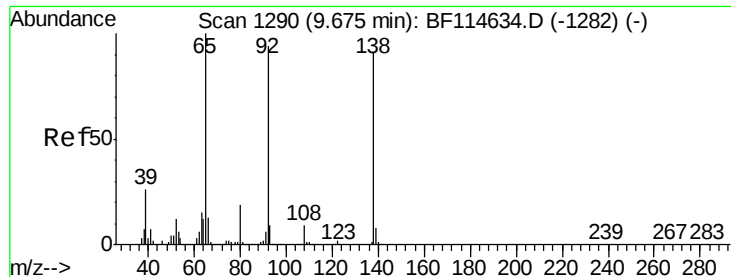


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

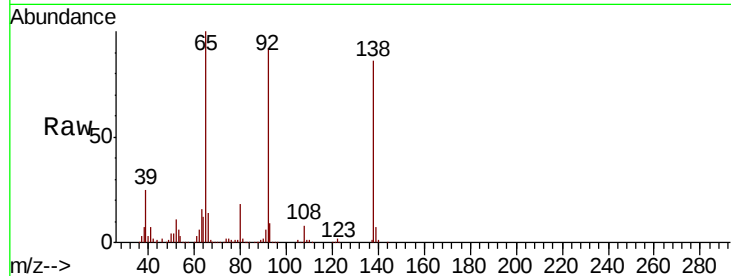




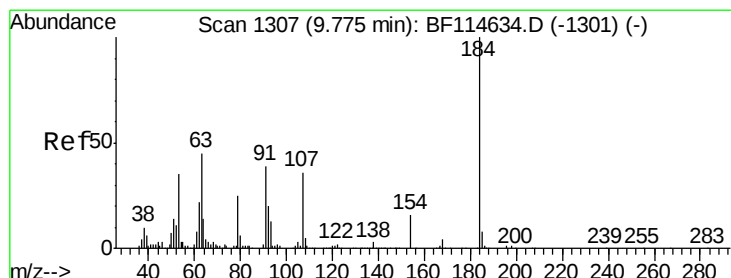
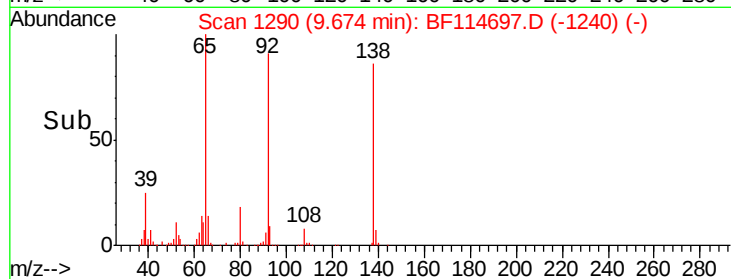
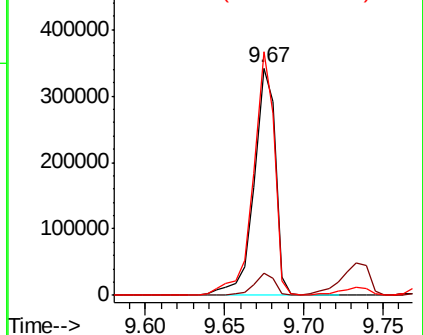
#53
3-Nitroaniline
Concen: 5.636 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 322884
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 107.1 84.2 126.4

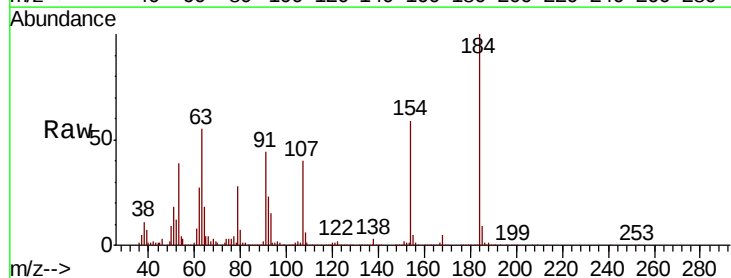


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

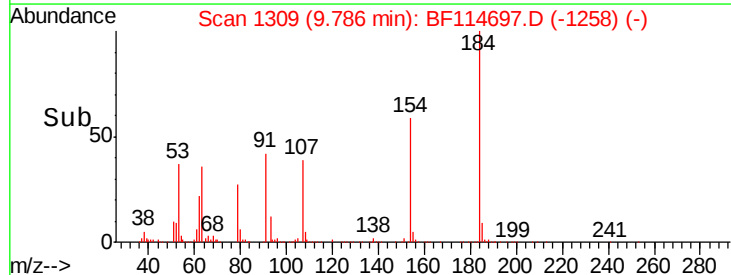
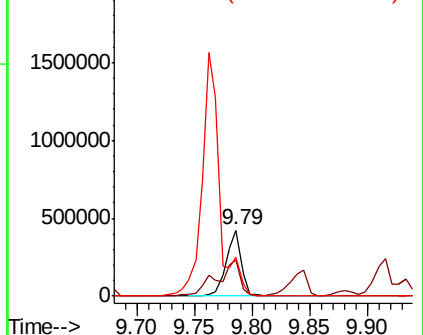


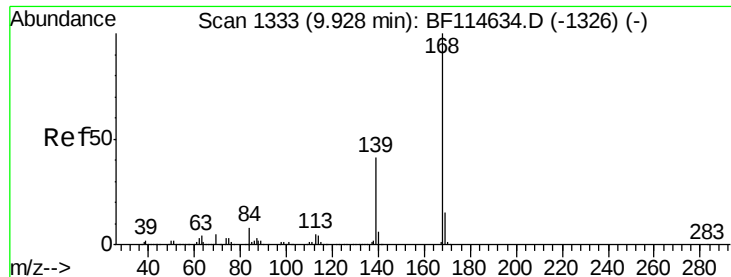
#54
2,4-Dinitrophenol
Concen: 20.797 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Tgt Ion:184 Resp: 383969
Ion Ratio Lower Upper
184 100
63 54.6 47.2 70.8
154 59.0 46.7 70.1



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

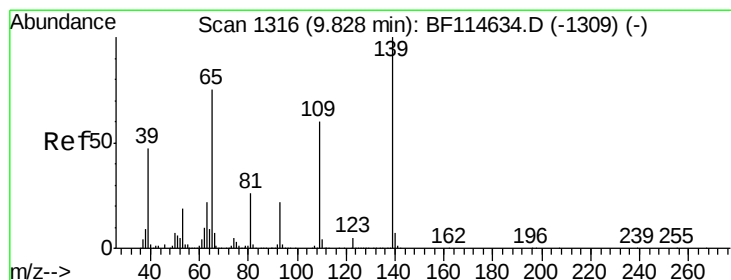
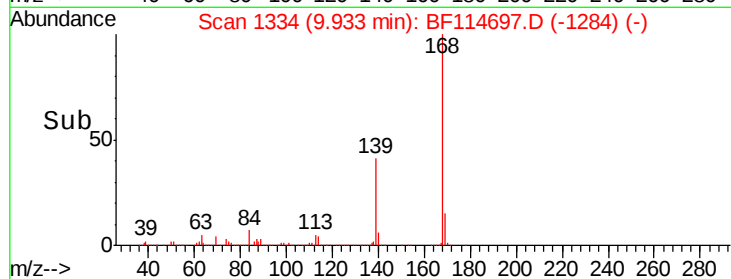
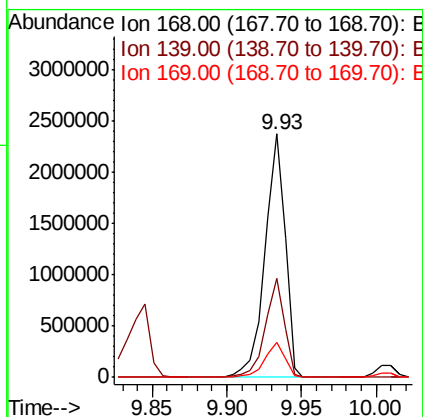
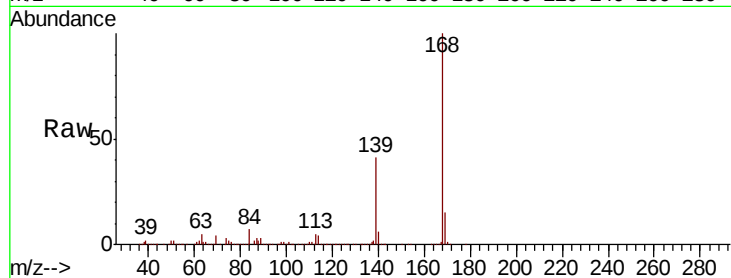




#55
Dibenzofuran
Concen: 9.202 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

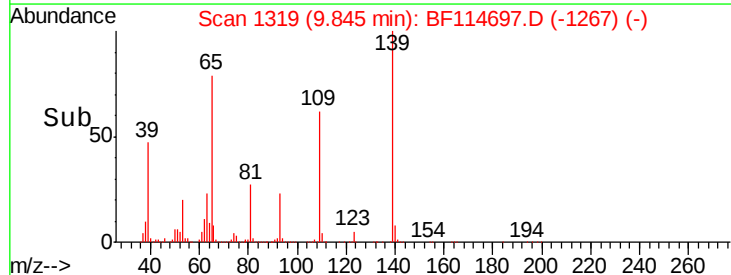
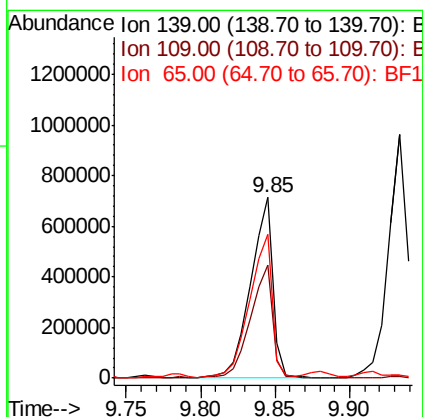
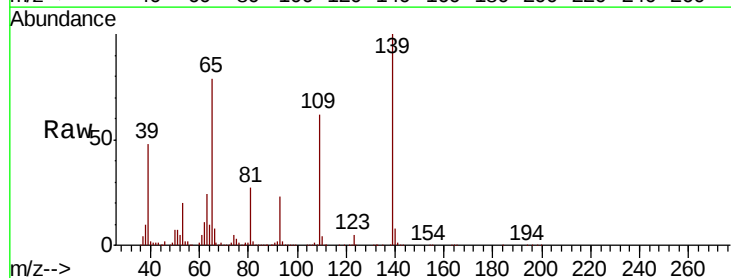
Instrument :
BNA_F
ClientSampleId :

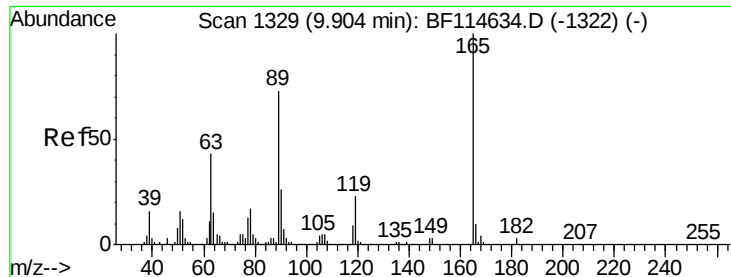
Tot Ion:168 Resp: 2184416
Ion Ratio Lower Upper
168 100
139 40.5 32.2 48.4
169 14.5 11.8 17.6



#56
4-Nitrophenol
Concen: 17.271 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Tgt Ion:139 Resp: 733218
Ion Ratio Lower Upper
139 100
109 62.4 41.9 81.9
65 79.5 62.7 102.7

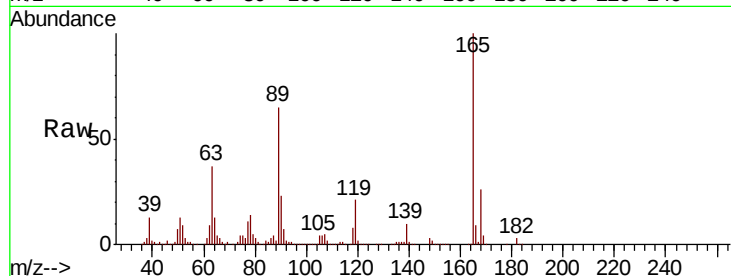




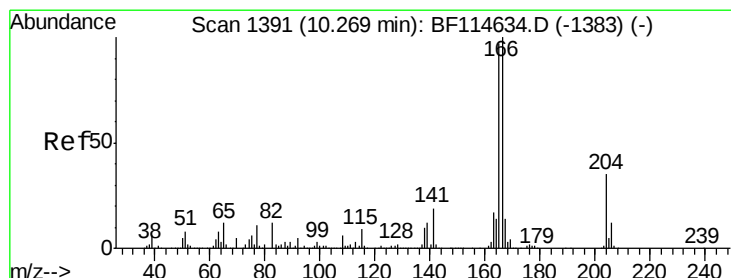
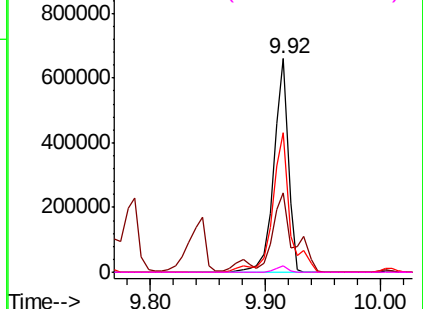
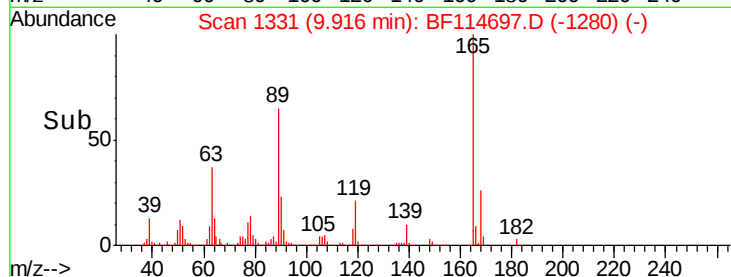
#57
 2,4-Dinitrotoluene
 Concen: 9.560 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF114697.D
 Acq: 31 May 2019 10:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165	Resp:	574312
Ion	Ratio	Lower Upper
165	100	
63	36.9	32.5 48.7
89	65.2	54.9 82.3
182	2.8	2.2 3.2

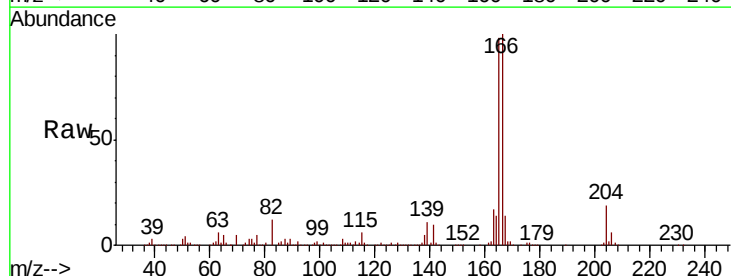


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

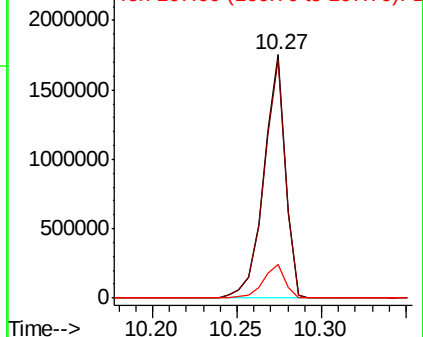
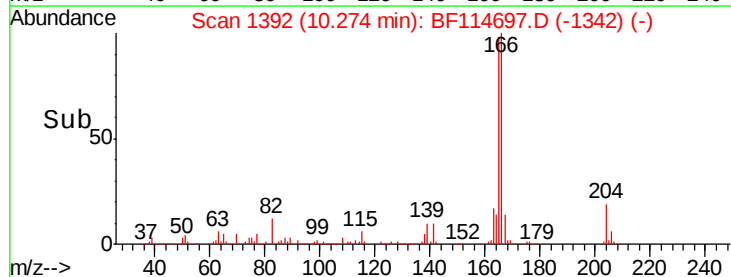


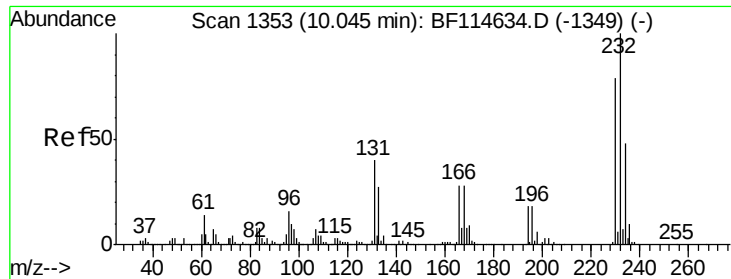
#58
 Fluorene
 Concen: 5.042 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF114697.D
 Acq: 31 May 2019 10:14

Tgt Ion:166	Resp:	1546633
Ion	Ratio	Lower Upper
166	100	
165	98.0	78.6 118.0
167	13.8	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

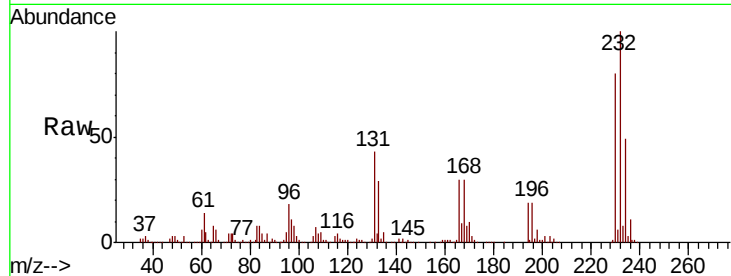




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.713 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.0	36.2	54.2
130	2.3	1.8	2.6
166	30.7	24.1	36.1



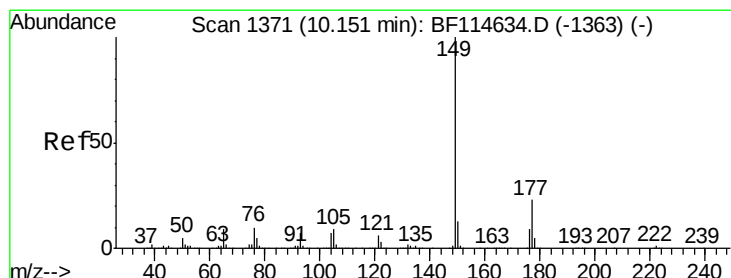
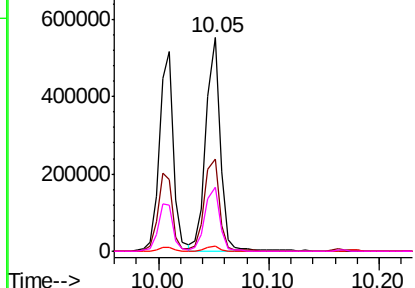
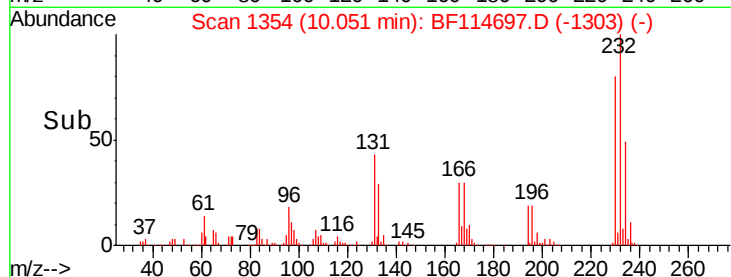
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

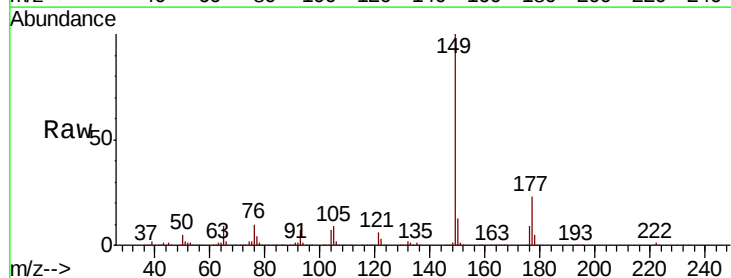
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 9.166 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.0	28.6
150	13.2	10.9	16.3

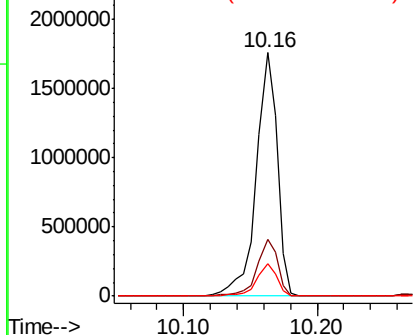
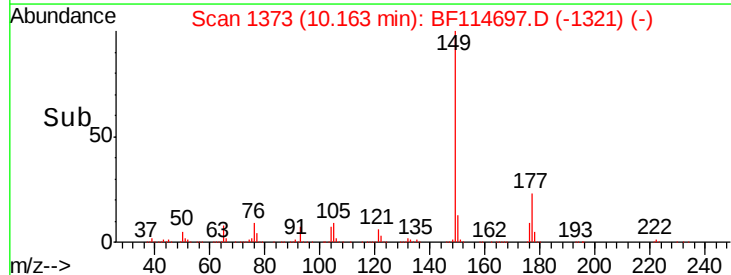


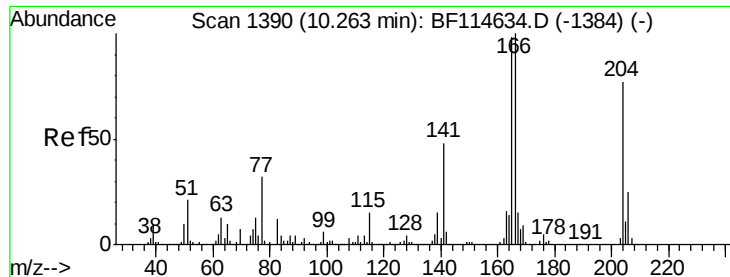
Abundance

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

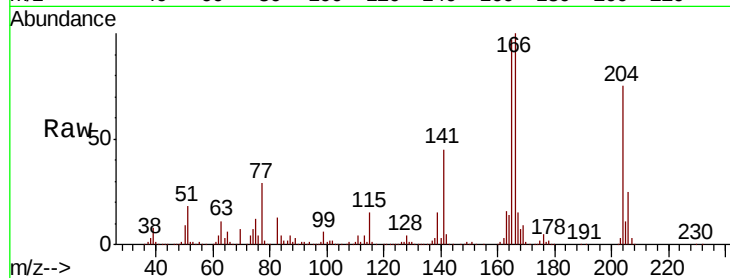




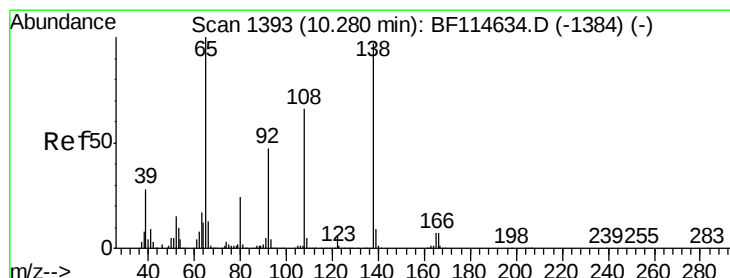
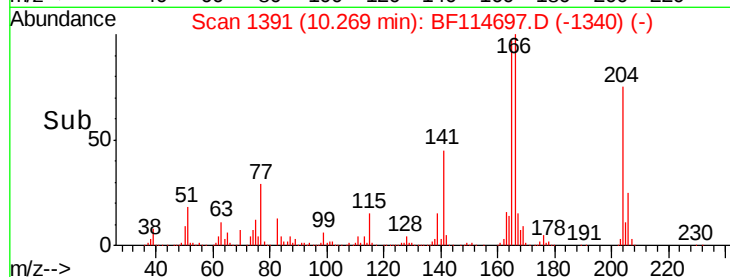
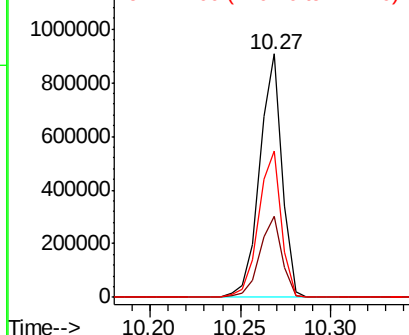
#61
 4-Chlorophenyl-phenylether
 Concen: 5.416 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BF114697.D
 Acq: 31 May 2019 10:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 779268
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.5 39.7
 141 60.0 50.2 75.4

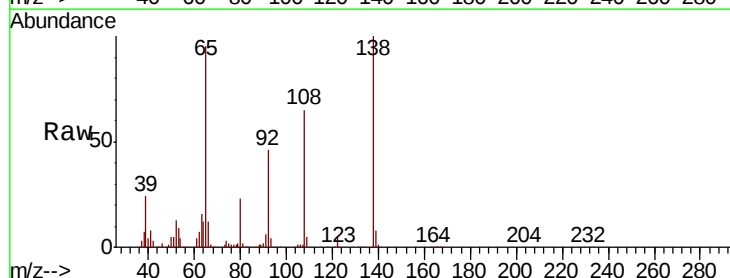


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

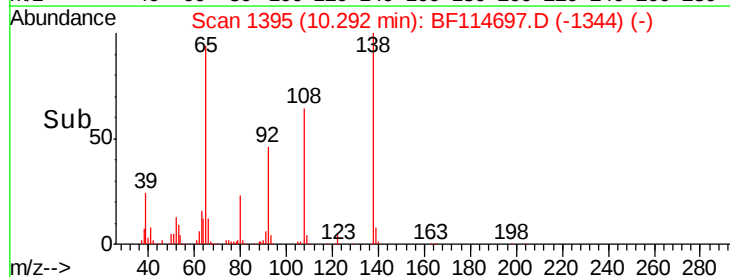
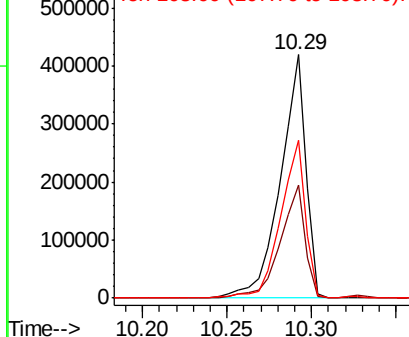


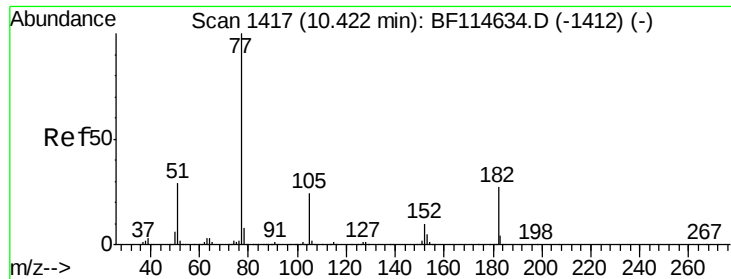
#62
 4-Nitroaniline
 Concen: 7.931 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF114697.D
 Acq: 31 May 2019 10:14

Tgt Ion:138 Resp: 442732
 Ion Ratio Lower Upper
 138 100
 92 46.3 27.1 67.1
 108 64.8 45.4 85.4



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: 9.021 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1703926

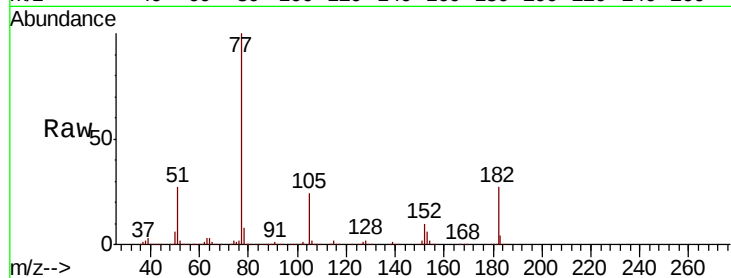
Ion	Ratio	Lower	Upper
77	100		
182	27.2	8.1	48.1
105	23.9	4.7	44.7
51	26.9	8.6	48.6

77 100

182 27.2 8.1 48.1

105 23.9 4.7 44.7

51 26.9 8.6 48.6

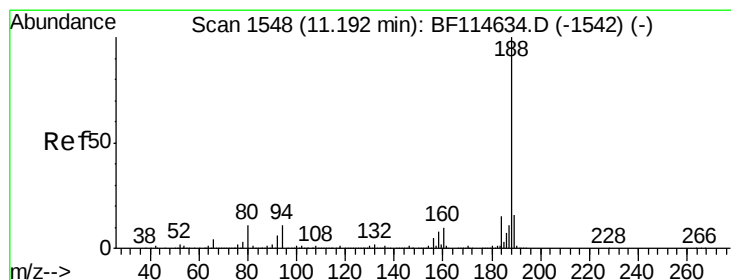
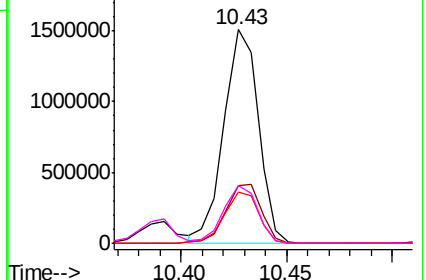
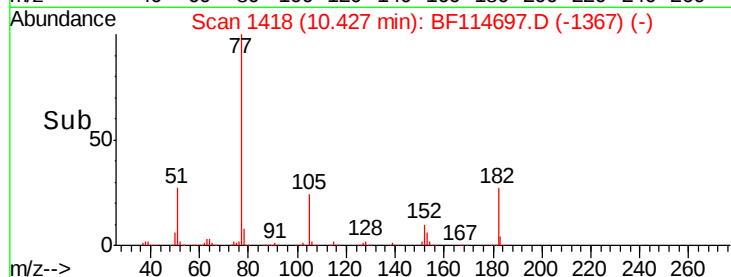


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

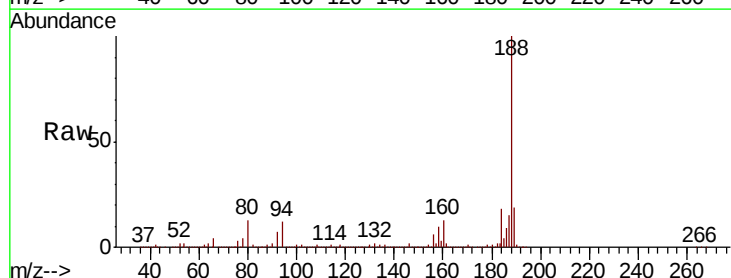
Tgt Ion: 188 Resp: 4870196

Ion	Ratio	Lower	Upper
188	100		
94	11.7	7.6	11.4#
80	12.6	8.2	12.2#

188 100

94 11.7 7.6 11.4#

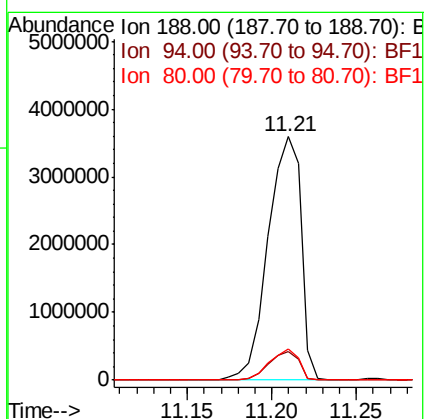
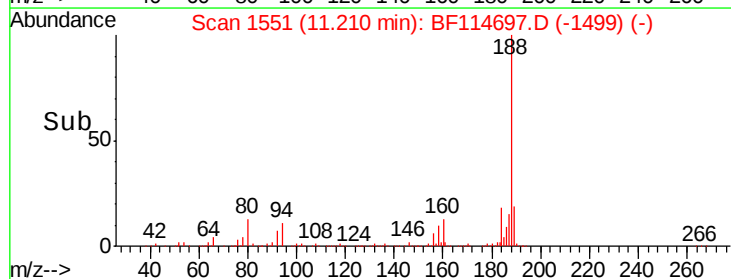
80 12.6 8.2 12.2#

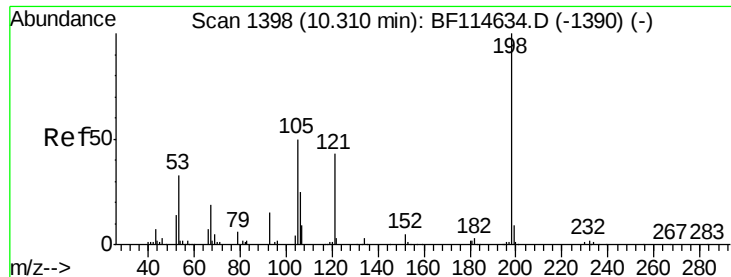


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 11.020 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Instrument :

BNA_F

ClientSampled :

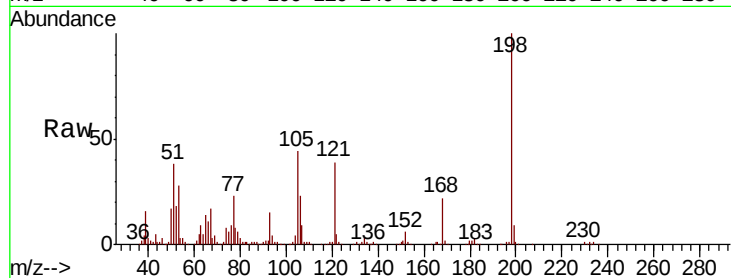
Tot Ion:198 Resp: 237974

Ion Ratio Lower Upper

198 100

51 38.2 16.4 56.4

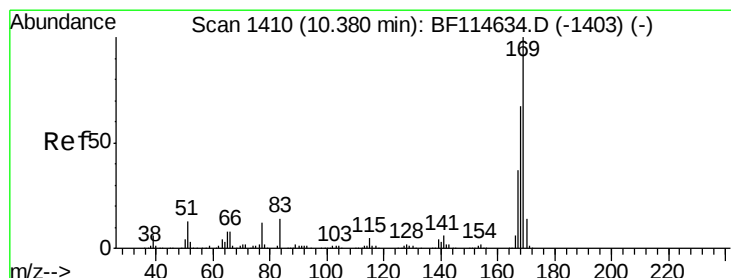
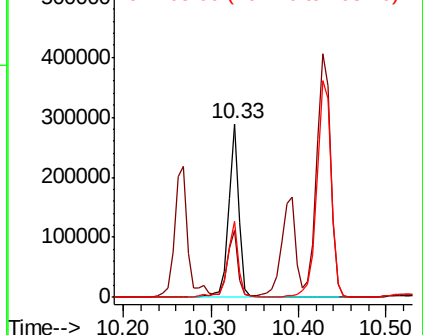
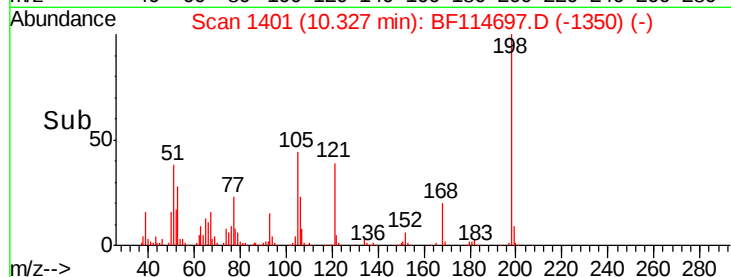
105 44.0 21.6 61.6



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: 10.827 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

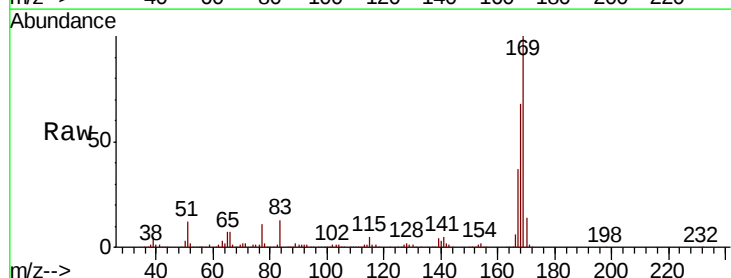
Tgt Ion:169 Resp: 1557911

Ion Ratio Lower Upper

169 100

168 67.7 54.0 81.0

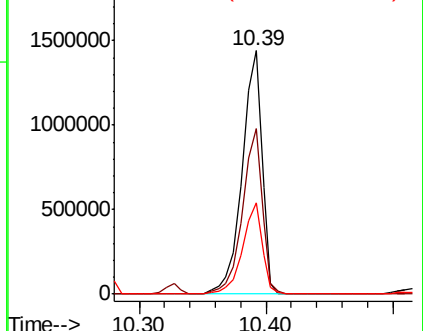
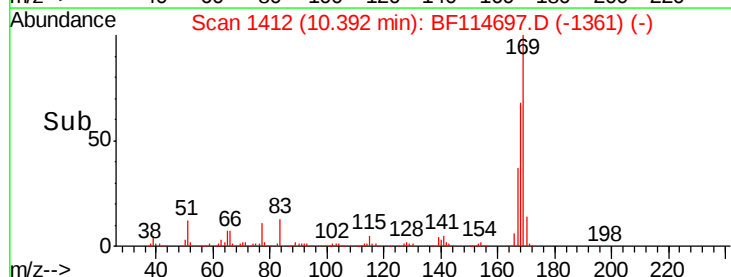
167 37.3 29.9 44.9

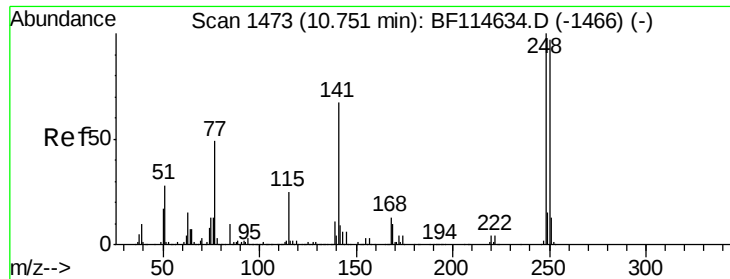


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 10.251 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Instrument :

BNA_F

ClientSampleId :

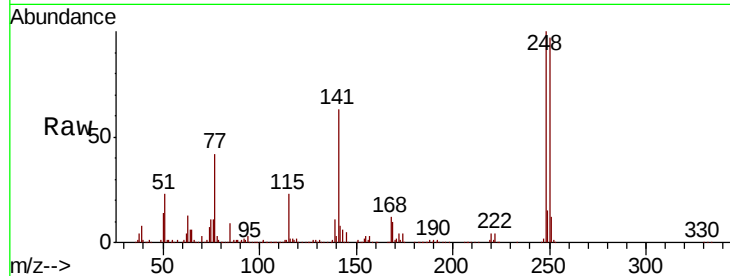
Tot Ion:248 Resp: 535379

Ion Ratio Lower Upper

248 100

250 96.9 76.8 115.2

141 63.3 56.6 84.8

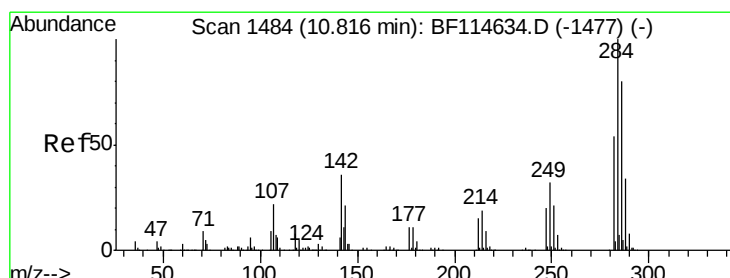
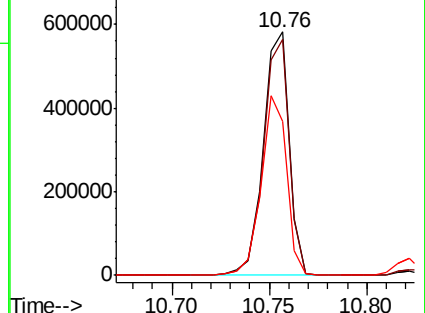
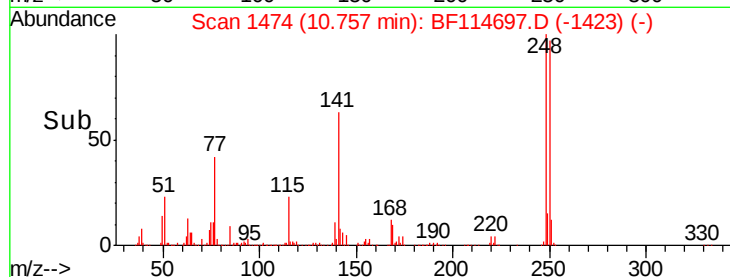


Abundance

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: 9.943 ng

RT: 10.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

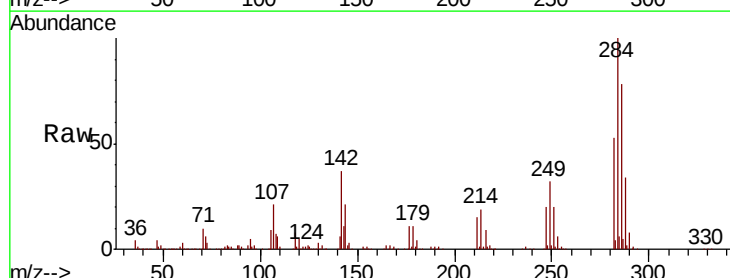
Tgt Ion:284 Resp: 562426

Ion Ratio Lower Upper

284 100

142 36.8 25.0 37.6

249 31.6 25.1 37.7

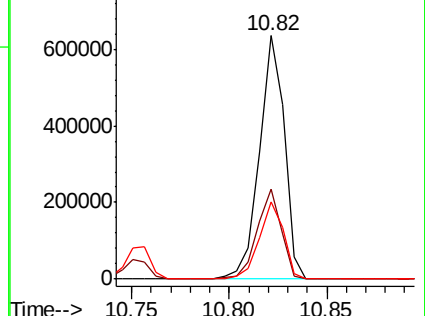
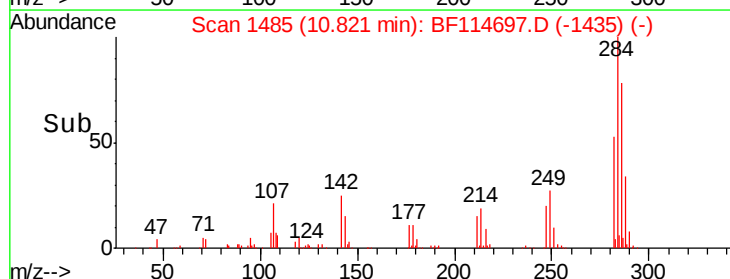


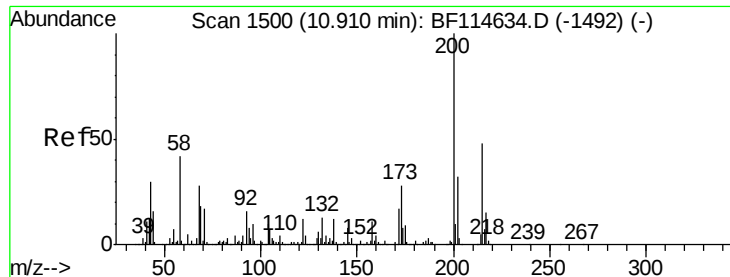
Abundance

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

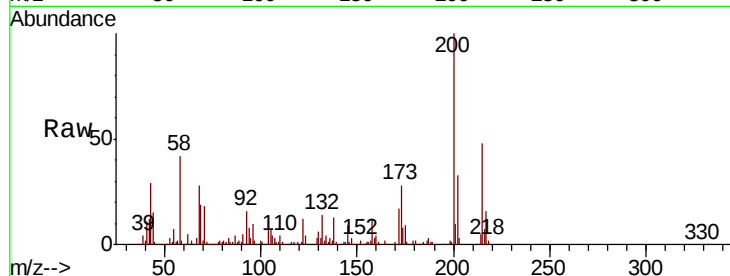




#69
Atrazine
Concen: 8.727 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	8.5	48.5
215	47.9	27.2	67.2

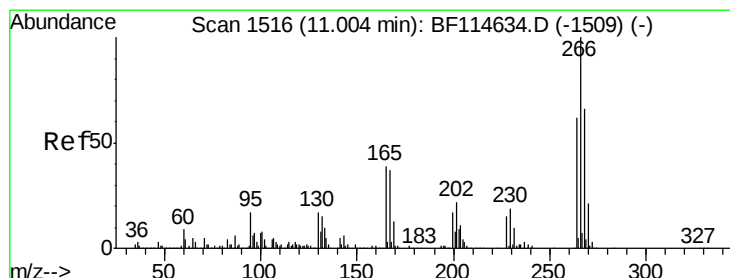
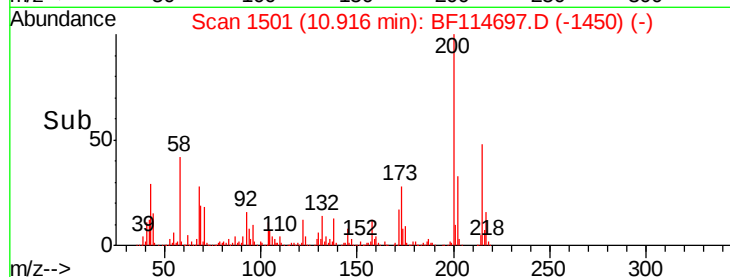
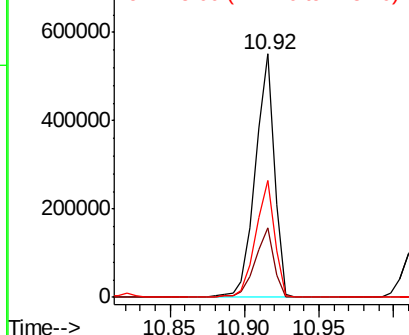


Abundance

Ion 200.00 (199.70 to 200.70): E

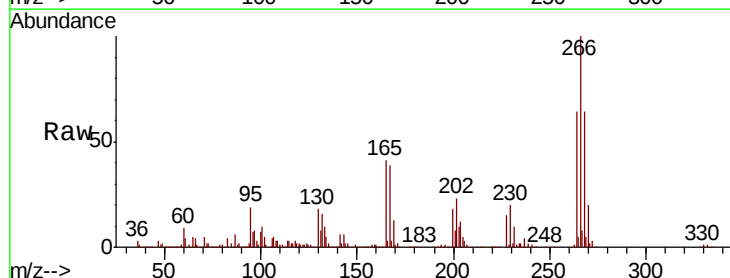
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 19.126 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	52.6	78.8
264	63.8	49.6	74.4

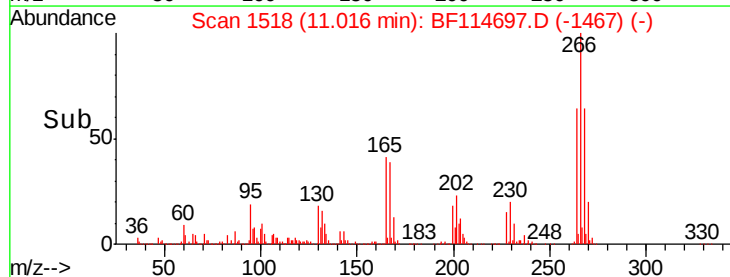
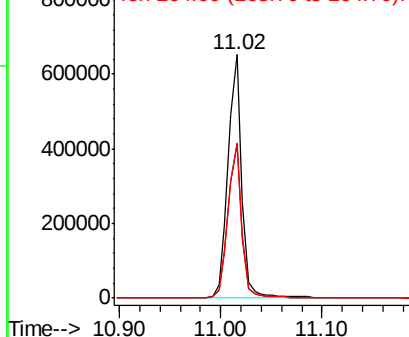


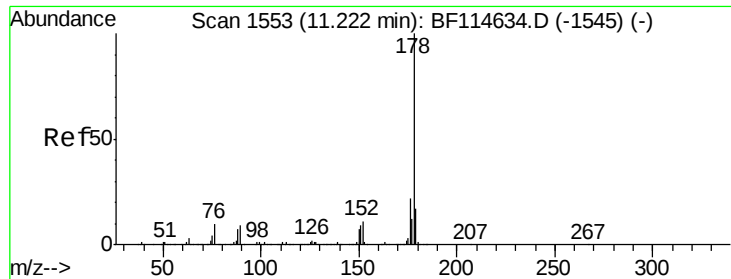
Abundance

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

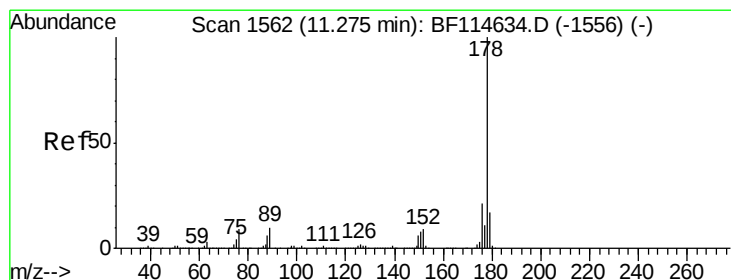
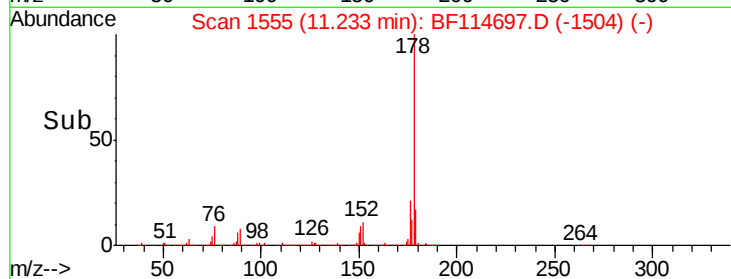
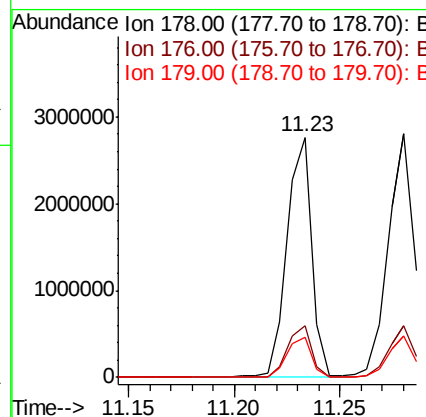
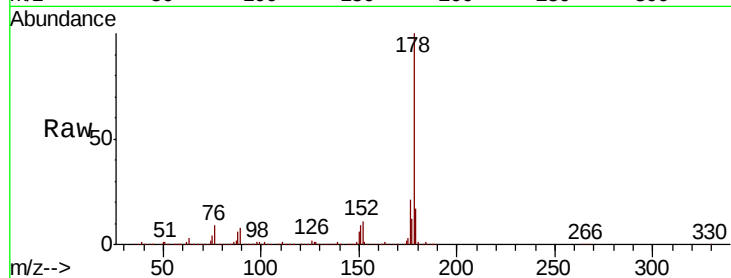




#71
Phenanthrene
Concen: 9.122 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

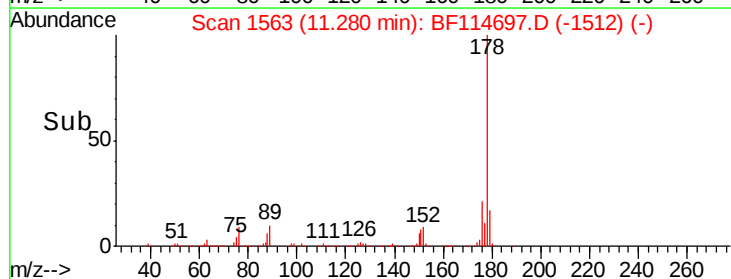
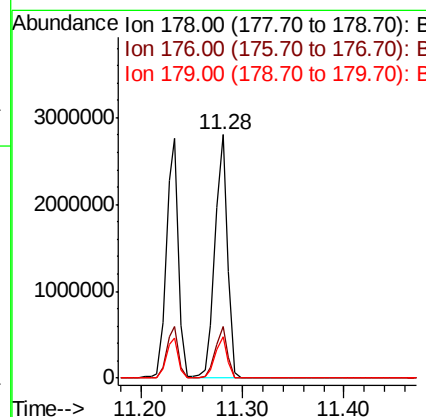
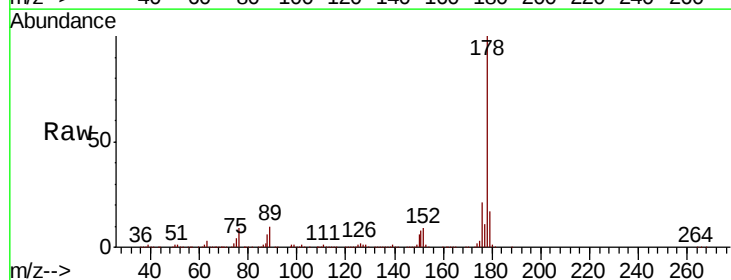
Instrument :
BNA_F
ClientSampleId :

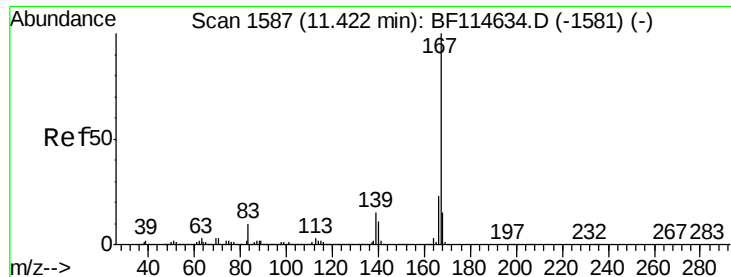
Tot Ion:178 Resp: 2266289
Ion Ratio Lower Upper
178 100
176 21.2 17.4 26.2
179 16.8 13.6 20.4



#72
Anthracene
Concen: 9.573 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Tgt Ion:178 Resp: 2407048
Ion Ratio Lower Upper
178 100
176 21.0 17.1 25.7
179 17.1 14.2 21.2





#73

Carbazole

Concen: 9.721 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

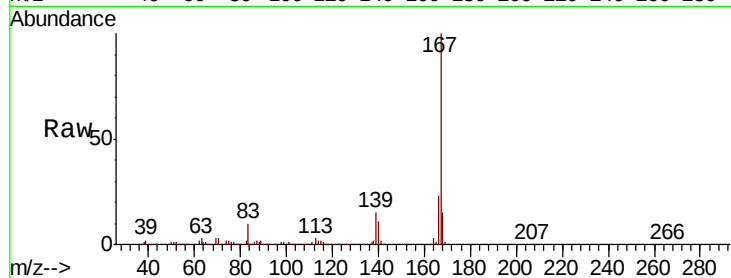
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 2148080

Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.0	28.4
139	14.8	11.9	17.9

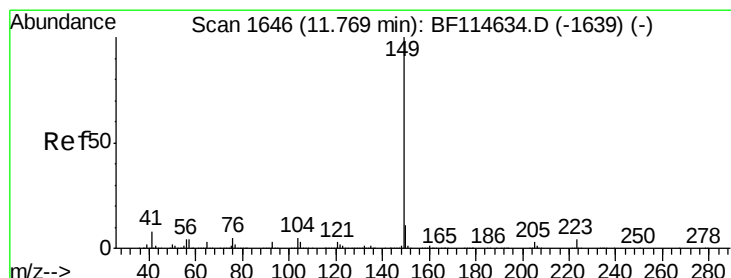
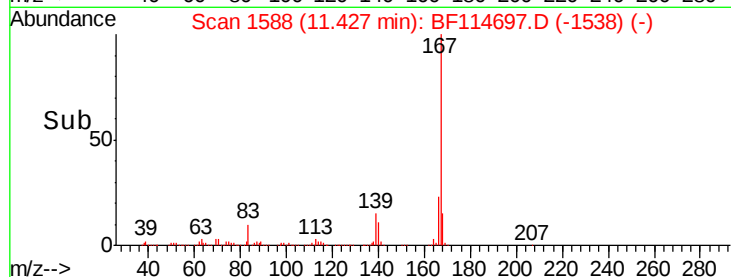
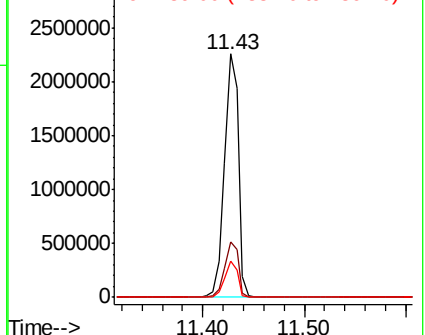


Abundance

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: 6.311 ng

RT: 11.77 min Scan# 1647

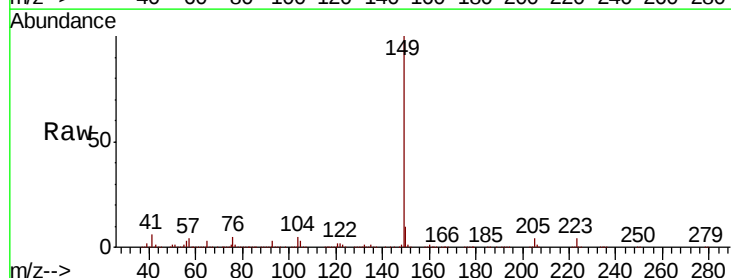
Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Tgt Ion:149 Resp: 2670525

Ion	Ratio	Lower	Upper
149	100		
150	10.5	9.0	13.6
104	5.0	4.6	6.8

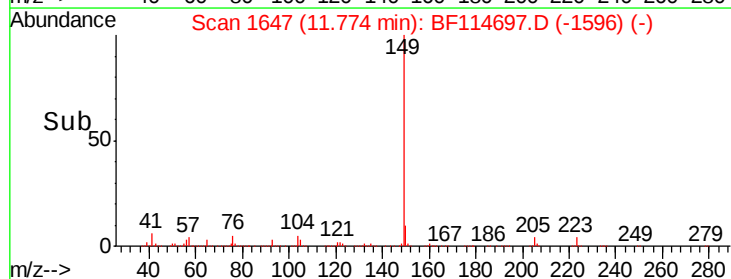
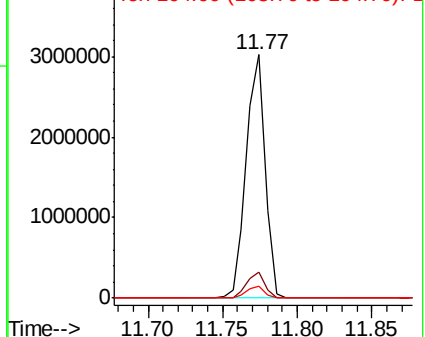


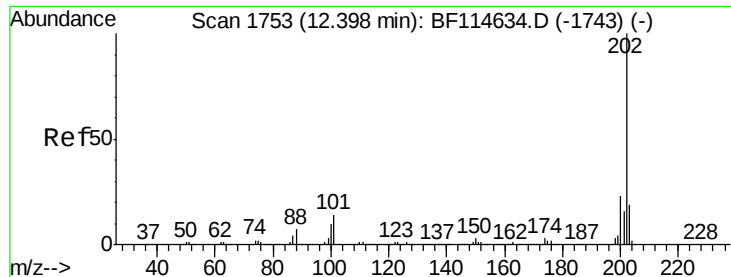
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 9.071 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Instrument :

BNA_F

ClientSampleId :

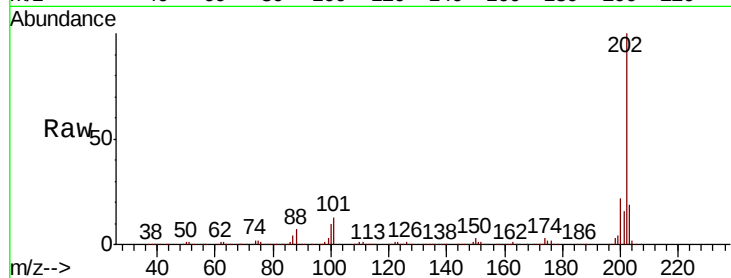
Tot Ion:202 Resp: 2333627

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.5

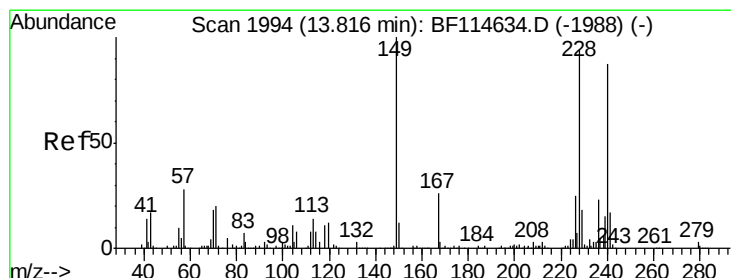
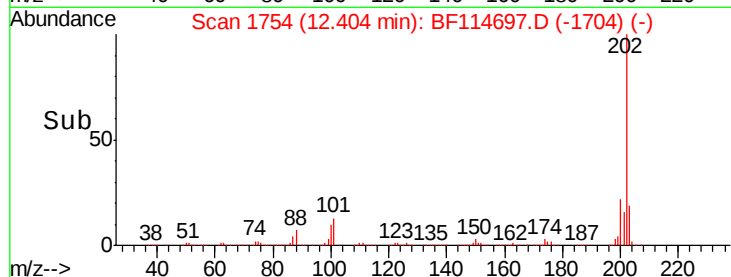
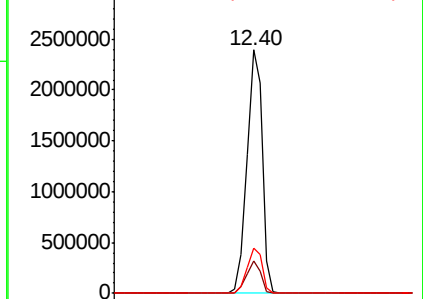
203 18.8 0.1 40.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

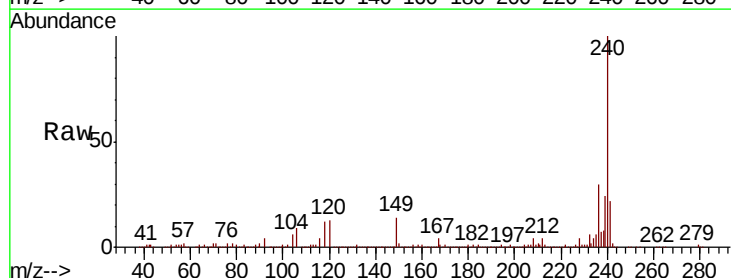
Tgt Ion:240 Resp: 3194643

Ion Ratio Lower Upper

240 100

120 13.1 10.8 16.2

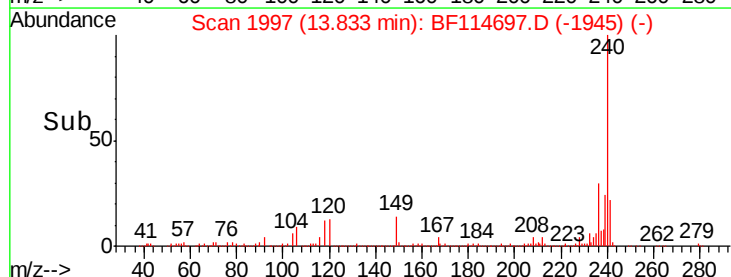
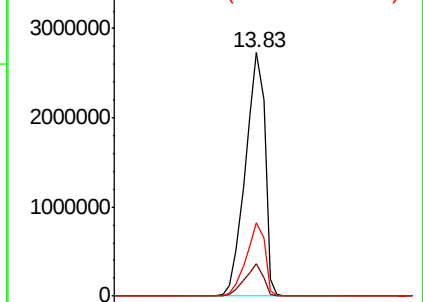
236 30.1 21.9 32.9

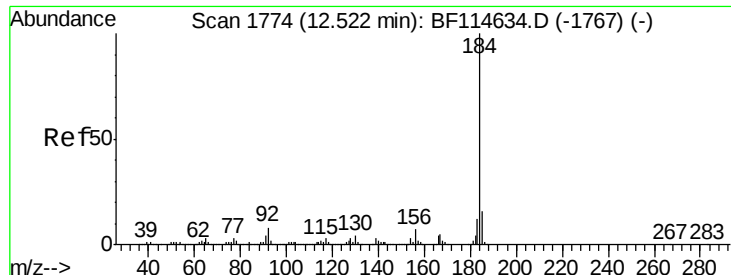


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.361 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Instrument :

BNA_F

ClientSampleId :

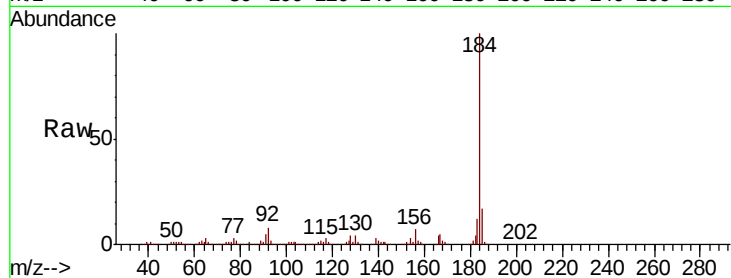
Tot Ion:184 Resp: 968294

Ion Ratio Lower Upper

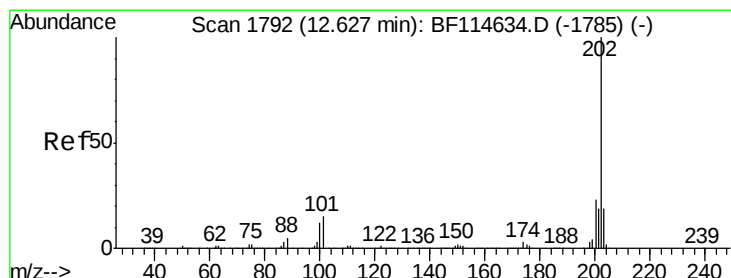
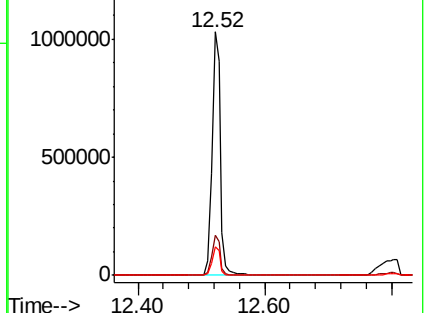
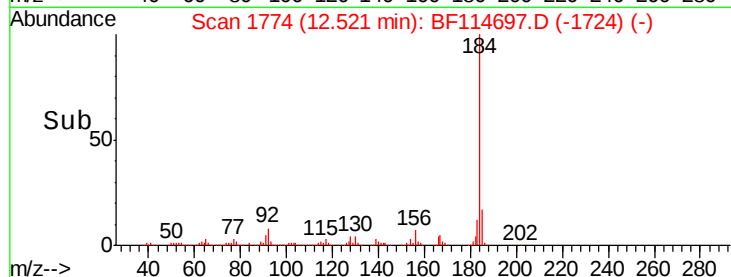
184 100

185 16.7 12.7 19.1

183 11.9 9.8 14.6



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: 8.562 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

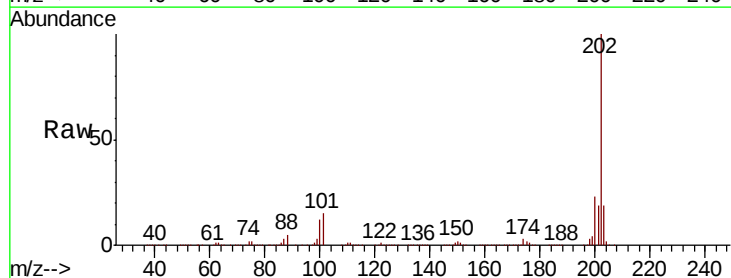
Tgt Ion:202 Resp: 2313872

Ion Ratio Lower Upper

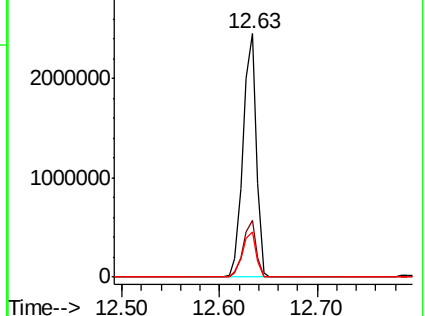
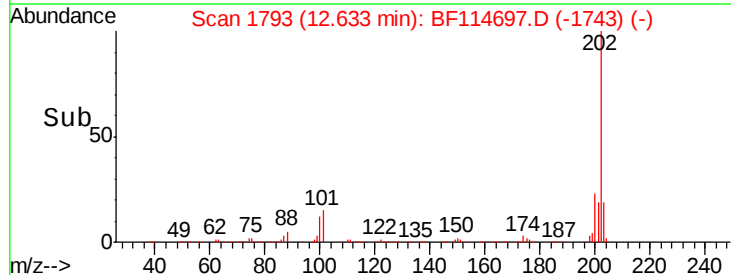
202 100

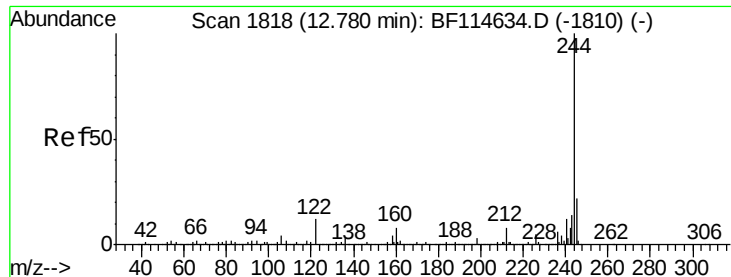
200 23.2 19.0 28.4

203 18.7 15.5 23.3



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

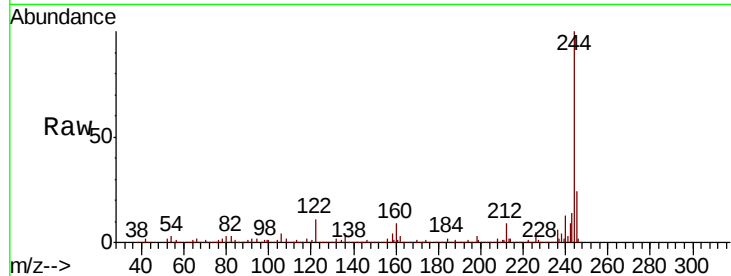




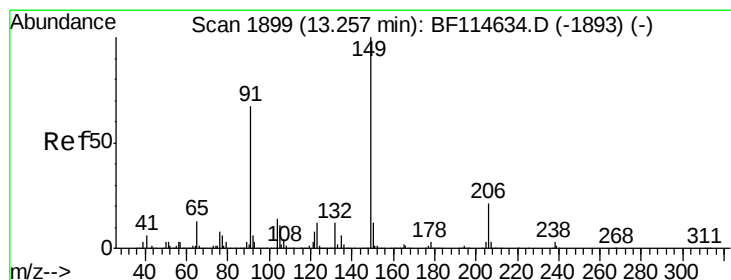
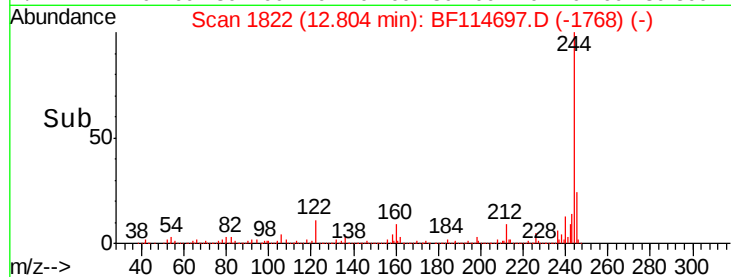
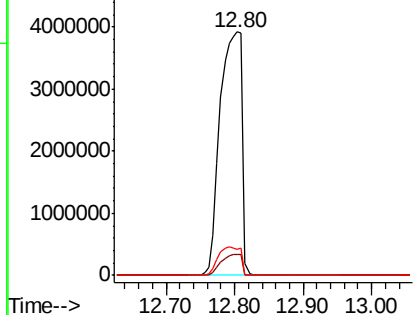
#79
 Terphenyl-d14
 Concen: 51.290 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. 0.02 min
 Lab File: BF114697.D
 Acq: 31 May 2019 10:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 8714940
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.3 9.5
 122 10.9 10.2 15.2

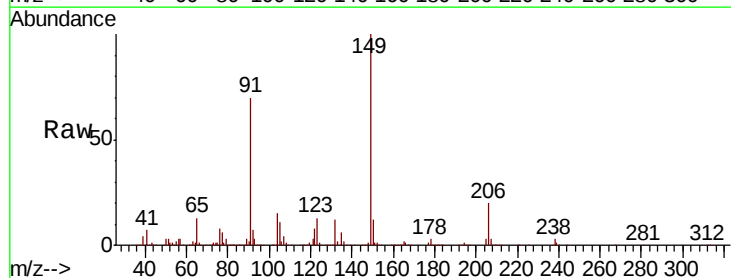


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

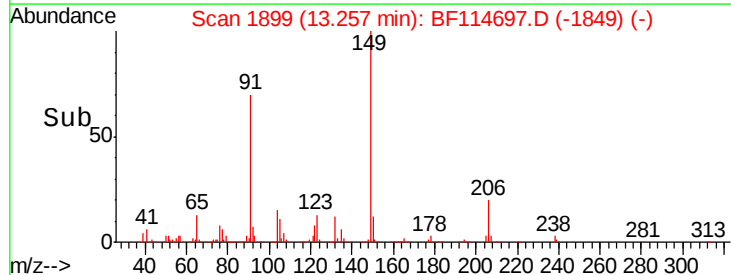
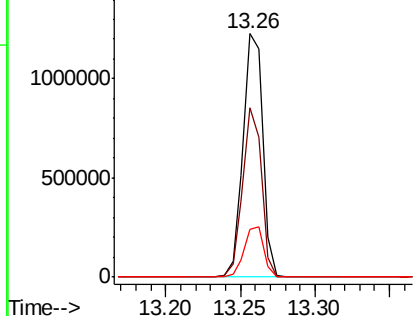


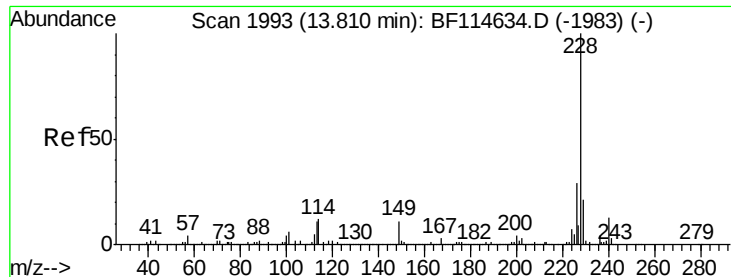
#80
 Butylbenzylphthalate
 Concen: 8.311 ng
 RT: 13.26 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BF114697.D
 Acq: 31 May 2019 10:14

Tgt Ion:149 Resp: 1128772
 Ion Ratio Lower Upper
 149 100
 91 69.8 53.6 80.4
 206 19.8 17.1 25.7



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: 7.316 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Instrument :

BNA_F

ClientSampled :

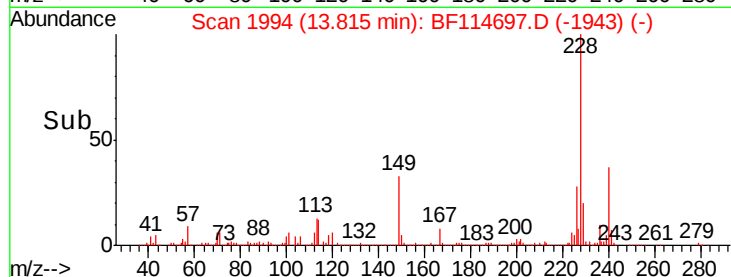
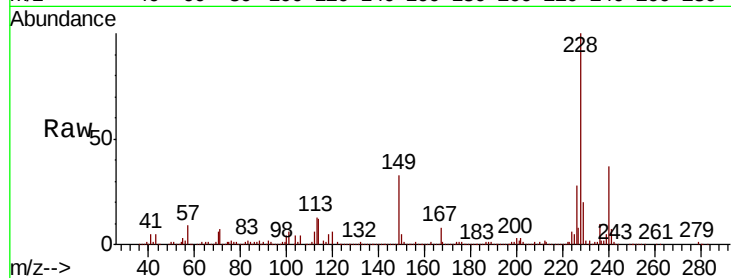
Tot Ion:228 Resp: 1796159

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.8	34.2
229	20.1	17.0	25.6

228 100

226 28.0 22.8 34.2

229 20.1 17.0 25.6

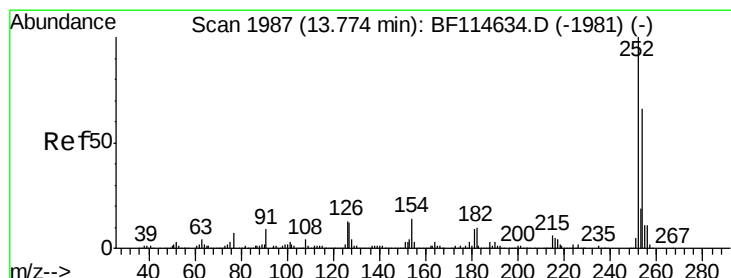
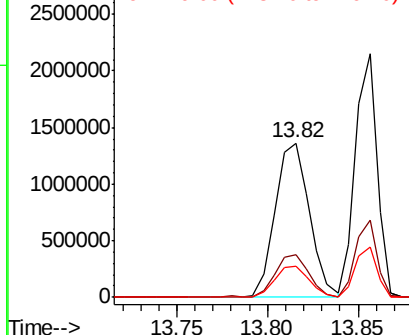


Abundance

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: 6.019 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

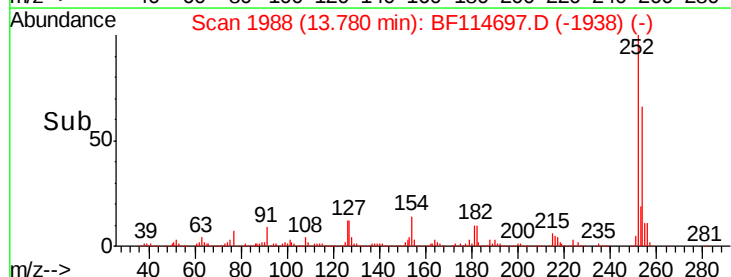
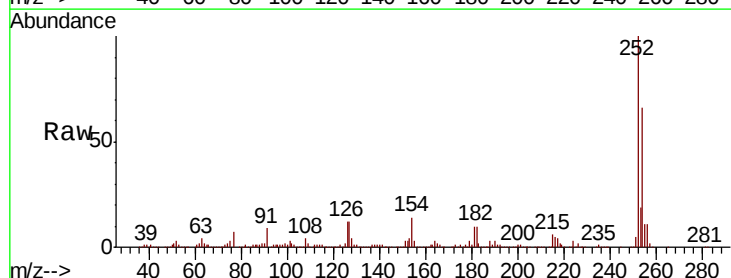
Tgt Ion:252 Resp: 570696

Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.7	77.5
126	12.1	8.2	12.2

252 100

254 65.6 51.7 77.5

126 12.1 8.2 12.2

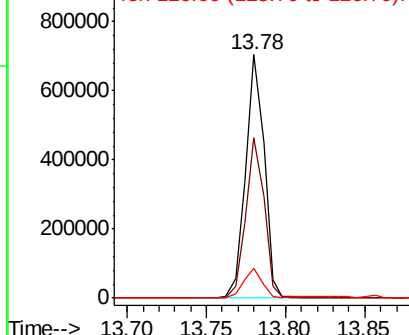


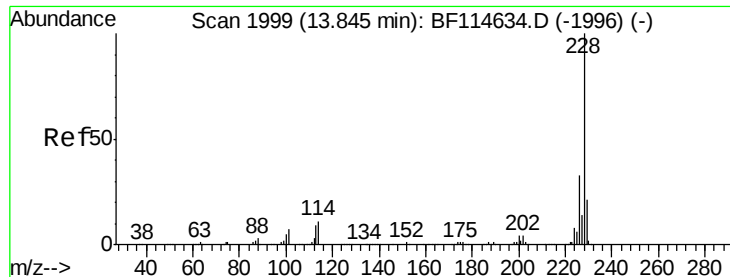
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

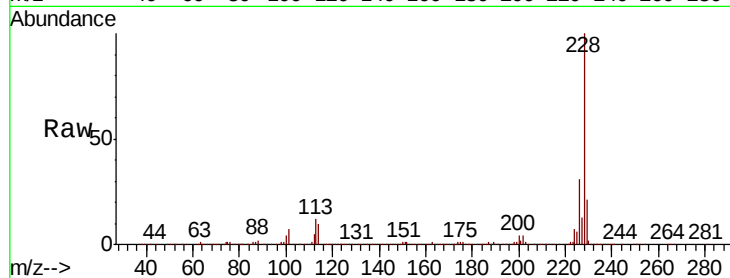




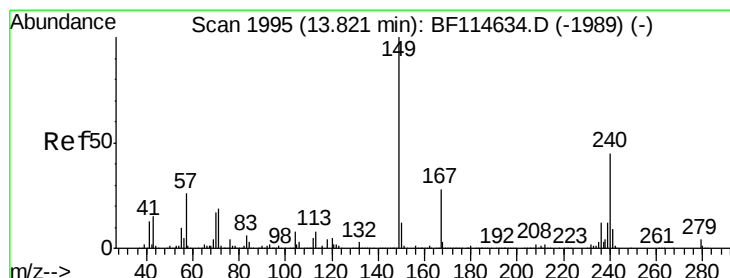
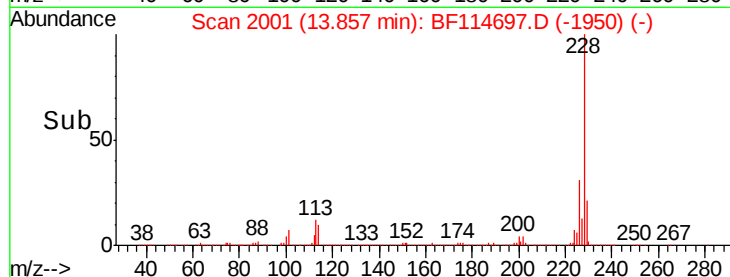
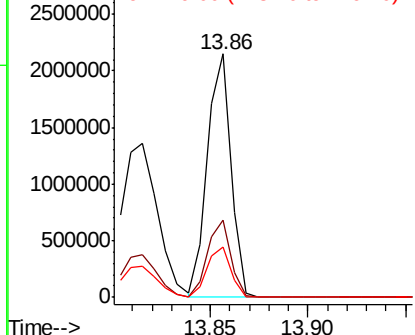
#83
 Chrvsene
 Concen: 7.712 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF114697.D
 Acq: 31 May 2019 10:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 1808755
 Ion Ratio Lower Upper
 228 100
 226 31.5 26.6 39.8
 229 20.8 17.4 26.2

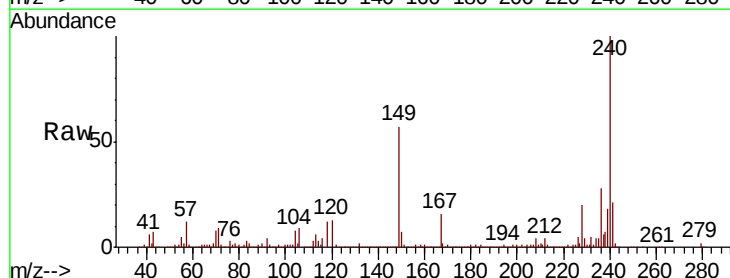


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

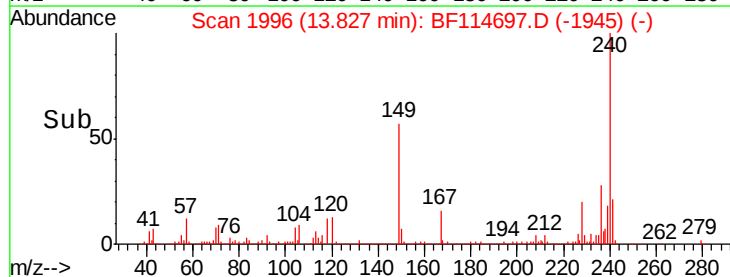
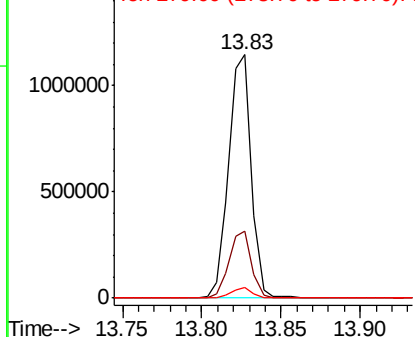


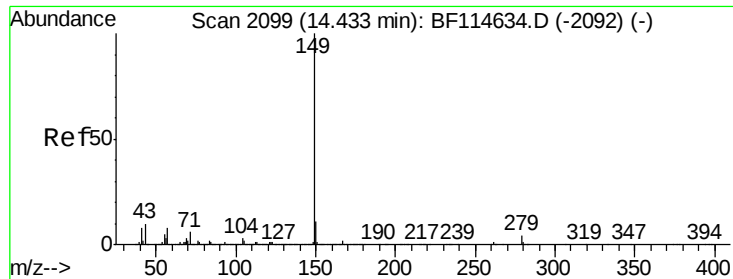
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.739 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF114697.D
 Acq: 31 May 2019 10:14

Tgt Ion:149 Resp: 1131567
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.9 34.3
 279 4.4 3.4 5.0



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

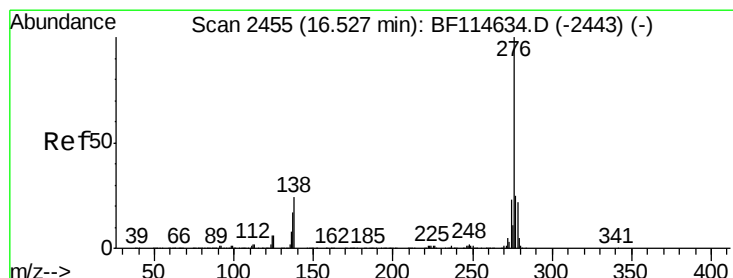
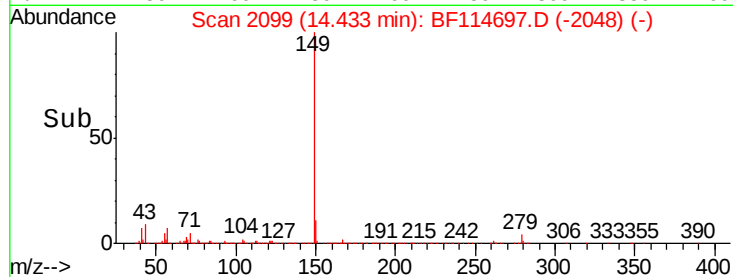
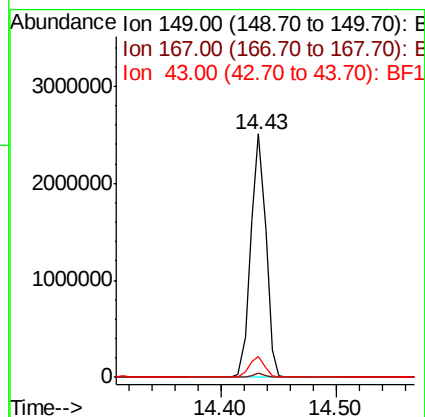
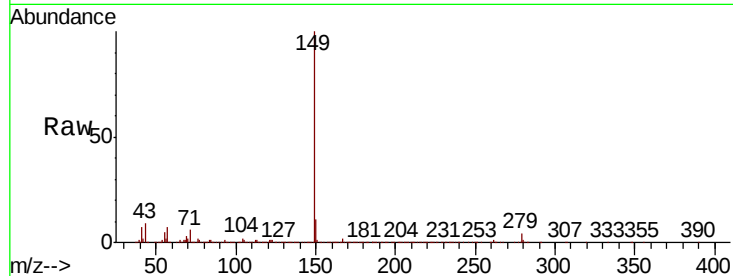




#85
Di-n-octyl phthalate
Concen: 7.763 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

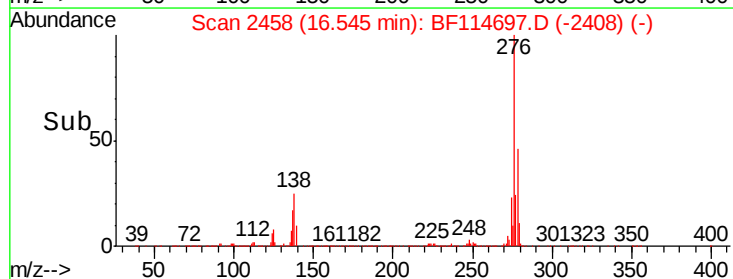
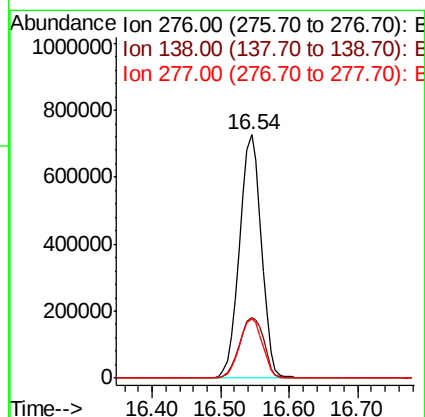
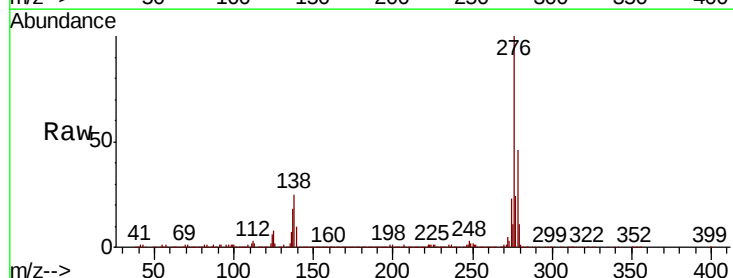
Instrument :
BNA_F
ClientSampleId :

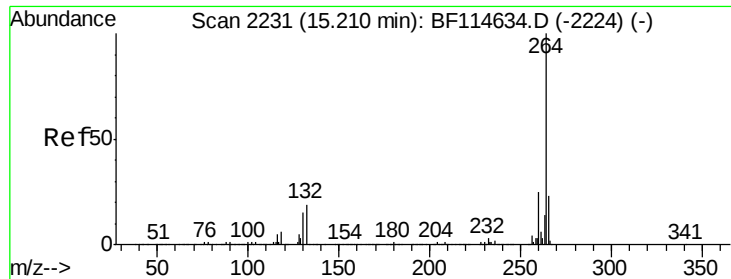
Tot Ion:149 Resp: 2264709
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.6 7.2 10.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 6.845 ng
RT: 16.54 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Tgt Ion:276 Resp: 1608052
Ion Ratio Lower Upper
276 100
138 27.8 22.1 33.1
277 25.2 20.5 30.7



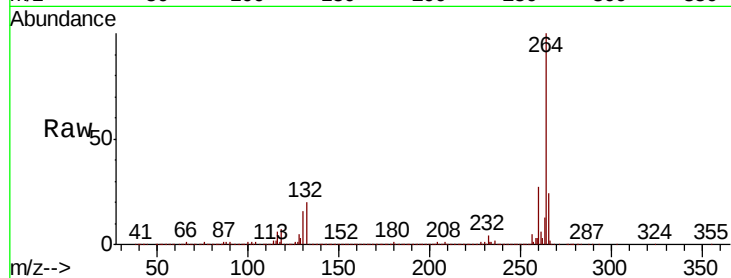


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

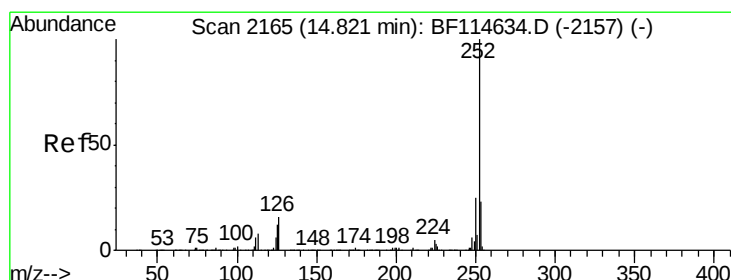
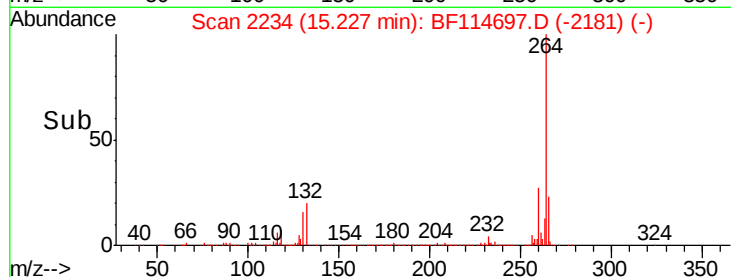
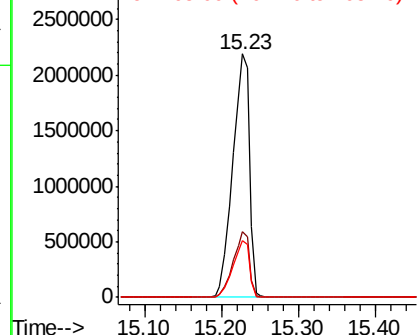
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 3331499

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.3	30.5
265	23.5	18.0	27.0



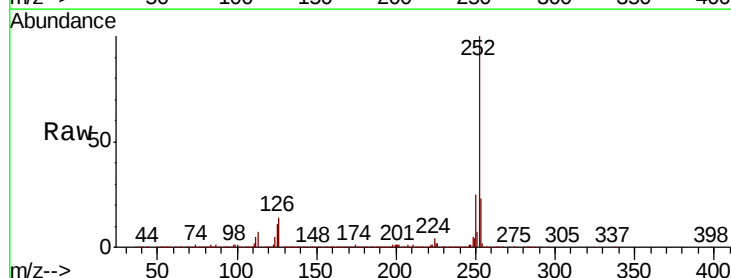
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



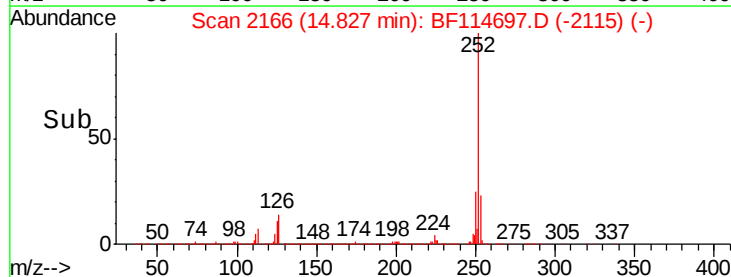
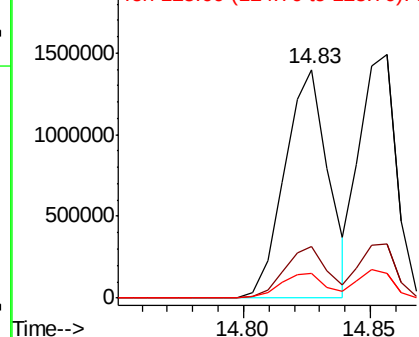
#88
Benzo(b)fluoranthene
Concen: 7.988 ng
RT: 14.83 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

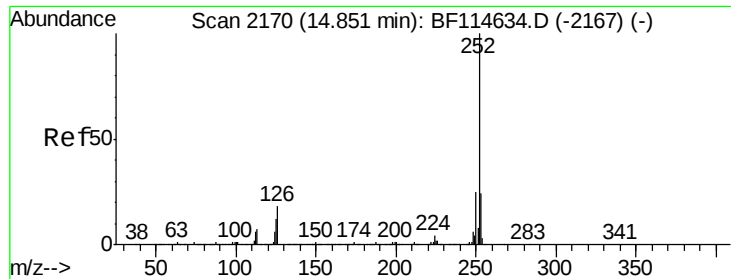
Tgt Ion:252 Resp: 1676093

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	10.8	9.4	14.0



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

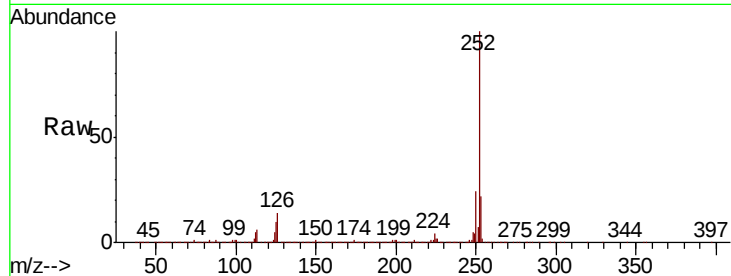




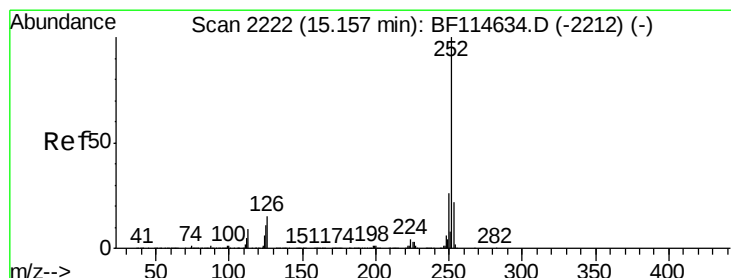
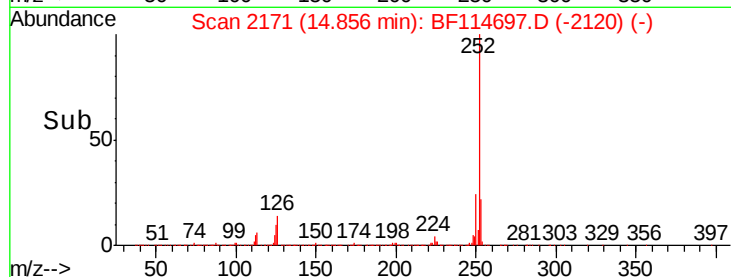
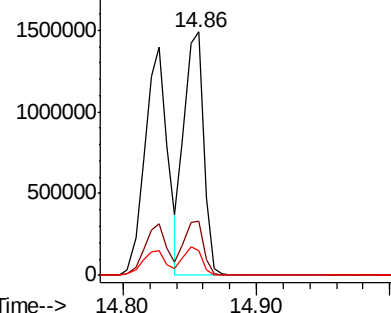
#89
Benzo(k)fluoranthene
Concen: 8.244 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1503509
Ion Ratio Lower Upper
252 100
253 22.5 18.6 27.8
125 10.0 9.1 13.7

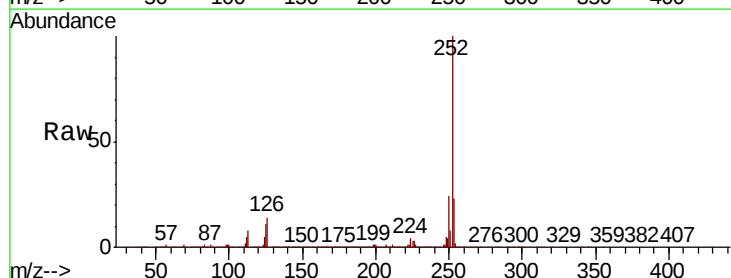


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

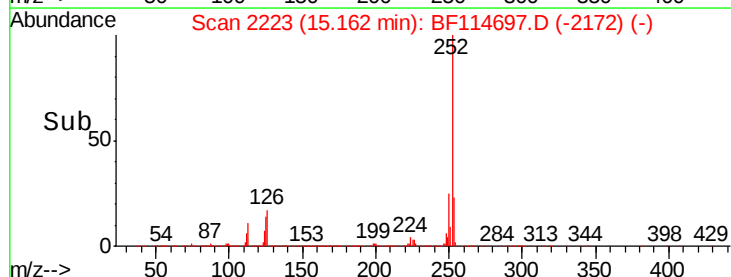
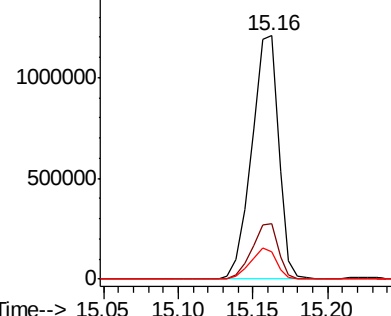


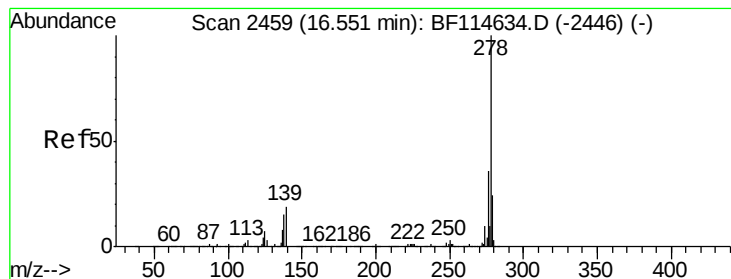
#90
Benzo(a)pyrene
Concen: 8.120 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF114697.D
Acq: 31 May 2019 10:14

Tgt Ion:252 Resp: 1496886
Ion Ratio Lower Upper
252 100
253 22.6 18.5 27.7
125 11.1 9.9 14.9



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





#91

Dibenzo(a,h)anthracene

Concen: 8.196 ng

RT: 16.56 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

Instrument :

BNA_F

ClientSampled :

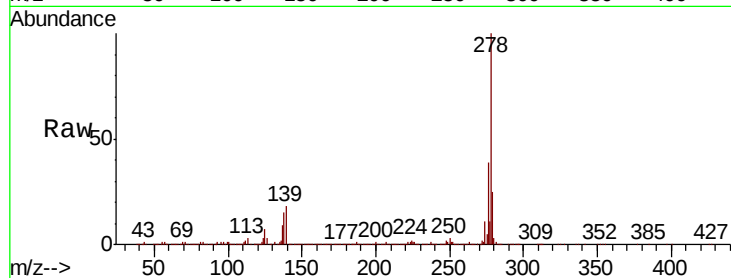
Tot Ion:278 Resp: 1334981

Ion Ratio Lower Upper

278 100

139 18.0 13.8 20.6

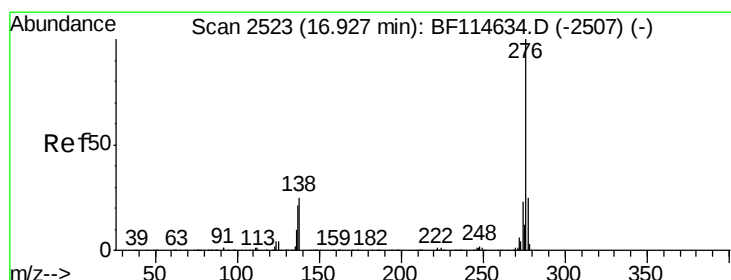
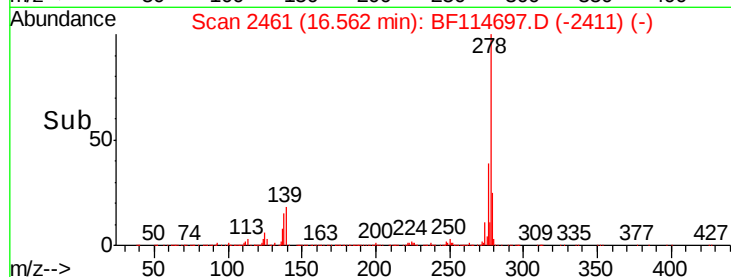
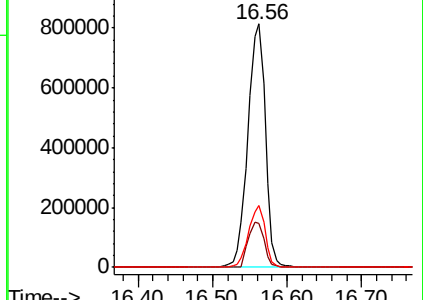
279 25.4 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 8.523 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF114697.D

Acq: 31 May 2019 10:14

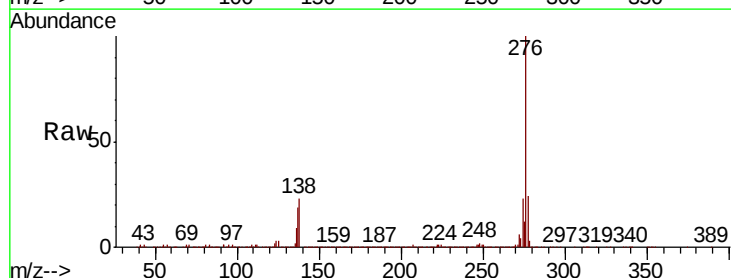
Tgt Ion:276 Resp: 1347406

Ion Ratio Lower Upper

276 100

277 23.5 19.3 28.9

138 23.4 19.5 29.3



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

