

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114521.D
 Acq On : 23 May 2019 12:52
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 07:15:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 03:49:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	179368	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	737631	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	360220	20.00	ng	-0.02
64) Phenanthrene-d10	11.34	188	712708	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	507621	20.00	ng	-0.02
87) Perylene-d12	15.45	264	513607	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	871225	78.16	ng	-0.02
7) Phenol-d6	6.46	99	1085327	82.33	ng	-0.02
23) Nitrobenzene-d5	7.38	82	1045573	79.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	278912	74.89	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1838938	77.22	ng	-0.02
79) Terphenyl-d14	12.92	244	1878081	76.27	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.56	88	201651	32.915	ng	99
3) Pyridine	3.30	79	571200	33.839	ng	99
4) n-Nitrosodimethylamine	3.26	42	276734	33.997	ng	97
6) Aniline	6.48	93	772553	40.570	ng	# 71
8) 2-Chlorophenol	6.60	128	501754	42.168	ng	98
9) Benzaldehyde	6.37	77	321604	34.848	ng	97
10) Phenol	6.47	94	622288	40.128	ng	81
11) bis(2-Chloroethyl)ether	6.55	93	490665	41.676	ng	98
12) 1,3-Dichlorobenzene	6.76	146	555249	41.571	ng	99
13) 1,4-Dichlorobenzene	6.83	146	559352	41.559	ng	98
14) 1,2-Dichlorobenzene	6.99	146	512488	41.678	ng	99
15) Benzyl Alcohol	6.96	79	410290	39.905	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	907358	39.748	ng	85
17) 2-Methylphenol	7.08	107	396899	40.606	ng	94
18) Hexachloroethane	7.32	117	207168	41.006	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	342149	40.947	ng	99
20) 3+4-Methylphenols	7.23	107	490385	43.423	ng	# 84
22) Acetophenone	7.23	105	660275	40.406	ng	95
24) Nitrobenzene	7.40	77	538127	40.198	ng	93
25) Isophorone	7.64	82	973818	39.949	ng	99
26) 2-Nitrophenol	7.72	139	271120	41.743	ng	96
27) 2,4-Dimethylphenol	7.76	122	402011	39.410	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	640482	40.495	ng	99
29) 2,4-Dichlorophenol	7.96	162	416099	40.964	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	462990	40.084	ng	99
31) Naphthalene	8.12	128	1429992	41.502	ng	98
32) Benzoic acid	7.91	122	273900	39.170	ng	98
33) 4-Chloroaniline	8.17	127	652474	41.555	ng	98
34) Hexachlorobutadiene	8.23	225	262560	39.951	ng	98
35) Caprolactam	8.55	113	145131	43.818	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	441110	43.143	ng	100
37) 2-Methylnaphthalene	8.81	142	944286	42.477	ng	99
38) 1-Methylnaphthalene	8.91	142	885671	42.305	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	434951	39.860	ng	100

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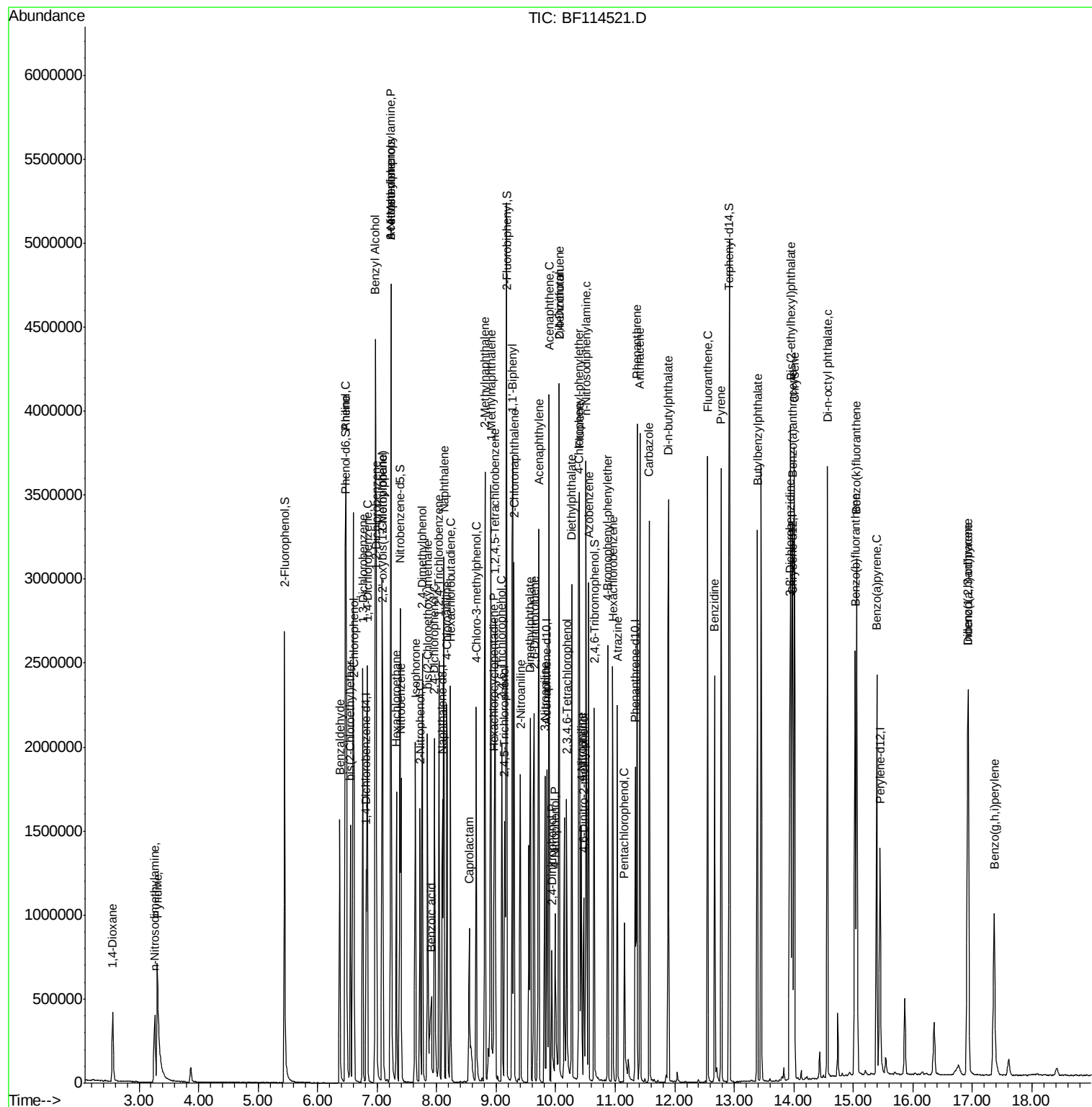
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	213974	44.140	ng	98
43) 2,4,6-Trichlorophenol	9.10	196	289951	38.632	ng	98
44) 2,4,5-Trichlorophenol	9.15	196	294703	38.287	ng	99
46) 1,1'-Biphenyl	9.27	154	1168136	40.141	ng	98
47) 2-Chloronaphthalene	9.30	162	932264	39.806	ng	99
48) 2-Nitroaniline	9.40	65	330386	39.777	ng	92
49) Acenaphthylene	9.72	152	1417296	39.789	ng	99
50) Dimethylphthalate	9.57	163	1064377	40.251	ng	100
51) 2,6-Dinitrotoluene	9.64	165	232708	39.676	ng	95
52) Acenaphthene	9.89	154	853698	39.056	ng	98
53) 3-Nitroaniline	9.82	138	296600	40.738	ng	93
54) 2,4-Dinitrophenol	9.93	184	128666	46.694	ng	94
55) Dibenzofuran	10.06	168	1210617	37.770	ng	98
56) 4-Nitrophenol	9.99	139	187046	36.328	ng	94
57) 2,4-Dinitrotoluene	10.05	165	293056	36.813	ng	# 81
58) Fluorene	10.40	166	1002220	40.482	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	237058	35.694	ng	97
60) Diethylphthalate	10.27	149	1061543	39.509	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	490943	40.375	ng	98
62) 4-Nitroaniline	10.43	138	307084	40.138	ng	95
63) Azobenzene	10.55	77	1003085	38.570	ng	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	147152	42.968	ng	90
66) n-Nitrosodiphenylamine	10.51	169	880462	40.704	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	313061	39.894	ng	96
68) Hexachlorobenzene	10.96	284	343786	39.601	ng	94
69) Atrazine	11.04	200	265359	39.421	ng	98
70) Pentachlorophenol	11.16	266	161906	39.343	ng	98
71) Phenanthrene	11.36	178	1425882	41.122	ng	99
72) Anthracene	11.42	178	1453944	41.747	ng	98
73) Carbazole	11.57	167	1381750	41.605	ng	99
74) Di-n-butylphthalate	11.89	149	1641176	42.893	ng	100
75) Fluoranthene	12.55	202	1531294	41.010	ng	99
77) Benzidine	12.67	184	918492	40.309	ng	97
78) Pyrene	12.78	202	1567463	38.385	ng	99
80) Butylbenzylphthalate	13.39	149	712282	41.440	ng	98
81) Benzo(a)anthracene	13.97	228	1362024	41.484	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	527007	41.377	ng	99
83) Chrysene	14.01	228	1283687	39.884	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	980285	43.607	ng	99
85) Di-n-octyl phthalate	14.56	149	1621891	44.507	ng	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	1094941	38.494	ng	99
88) Benzo(b)fluoranthene	15.03	252	1281773	38.954	ng	100
89) Benzo(k)fluoranthene	15.06	252	1264570	41.837	ng	98
90) Benzo(a)pyrene	15.39	252	1182820	40.845	ng	99
91) Dibenzo(a,h)anthracene	16.93	278	906998	37.692	ng	99
92) Benzo(g,h,i)perylene	17.37	276	872226	36.169	ng	98

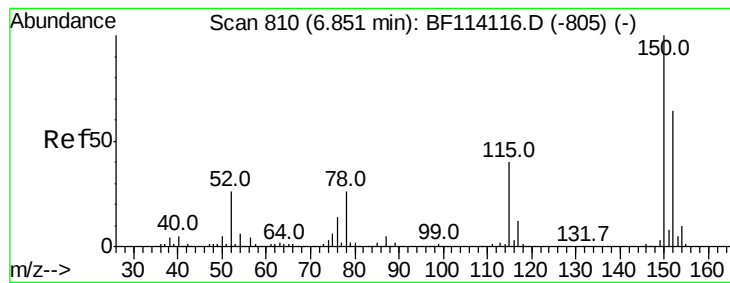
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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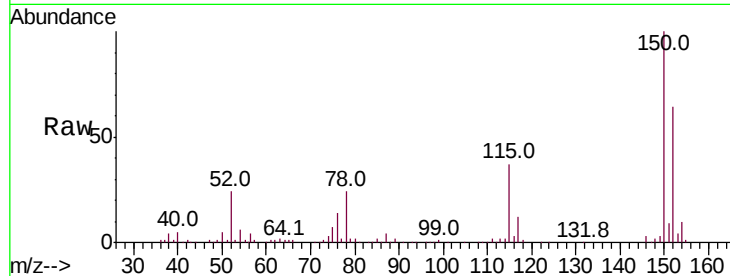


#1

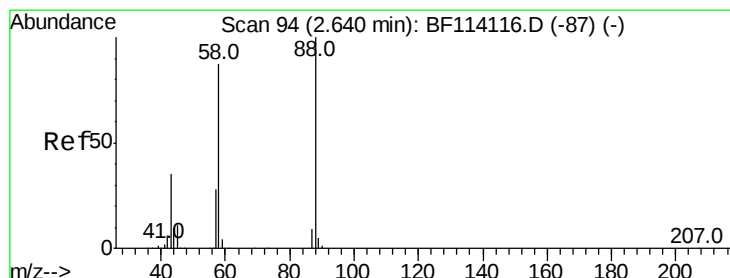
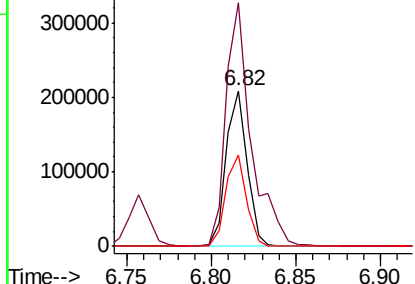
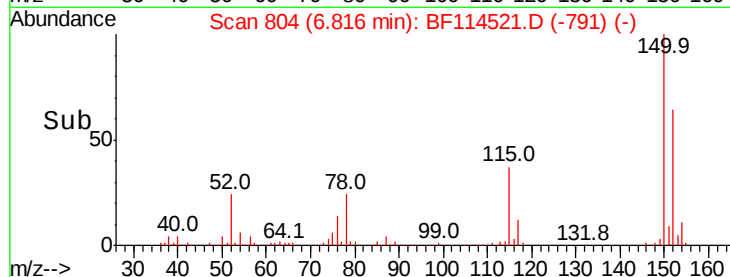
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 179368
Ion Ratio Lower Upper
152 100
150 156.3 124.3 186.5
115 58.2 49.1 73.7



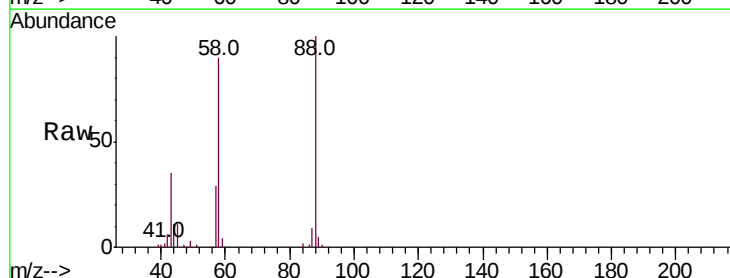
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



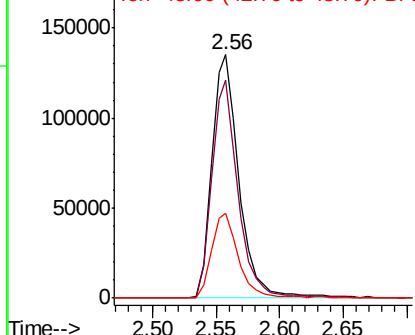
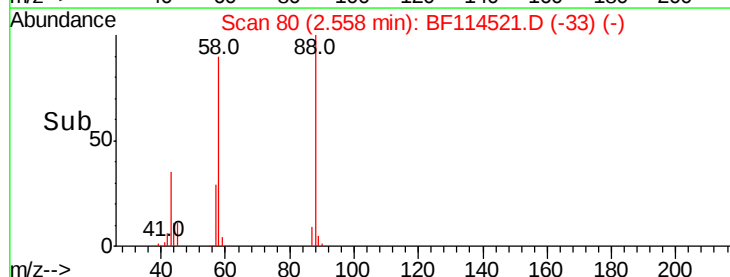
#2

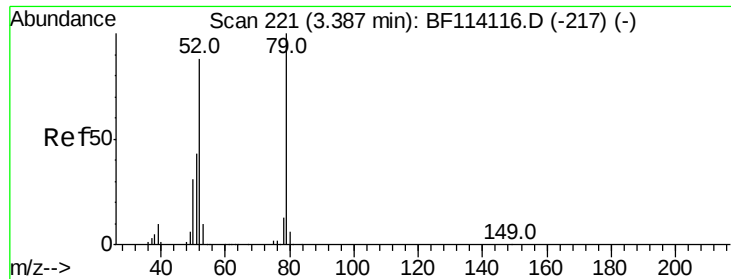
1,4-Dioxane
Concen: 32.915 ng
RT: 2.56 min Scan# 80
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Tgt Ion: 88 Resp: 201651
Ion Ratio Lower Upper
88 100
58 87.1 68.7 103.1
43 35.1 28.2 42.2



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





#3

Pvridine

Concen: 33.839 ng

RT: 3.30 min Scan# 207

Delta R.T. -0.03 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Instrument :

BNA_F

ClientSampleId :

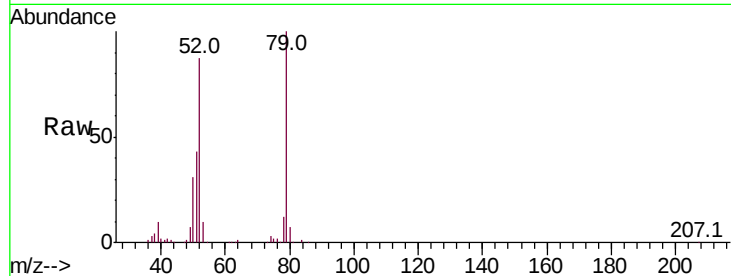
Tot Ion: 79 Resp: 571200

Ion Ratio Lower Upper

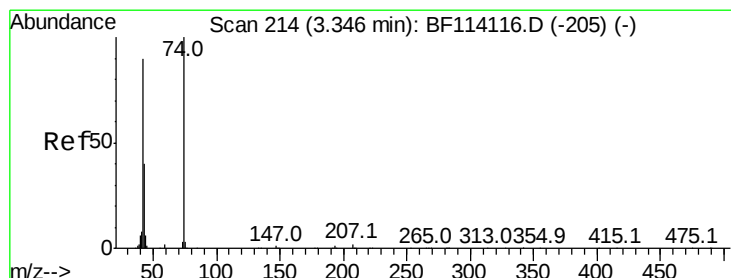
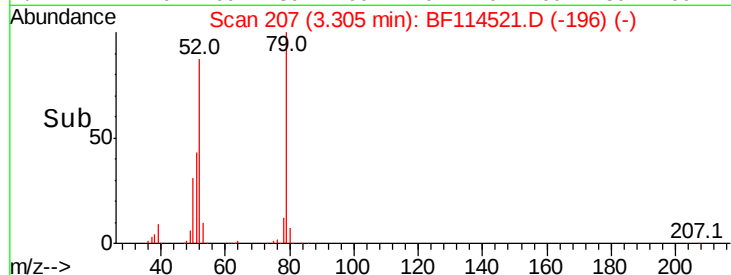
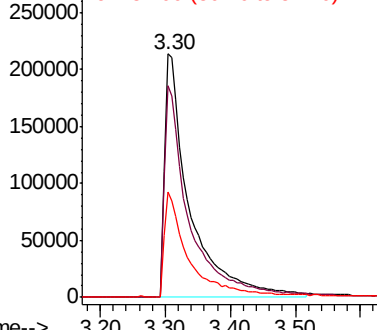
79 100

52 87.0 70.6 105.8

51 43.2 34.2 51.2



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



#4

n-Nitrosodimethylamine

Concen: 33.997 ng

RT: 3.26 min Scan# 200

Delta R.T. -0.04 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

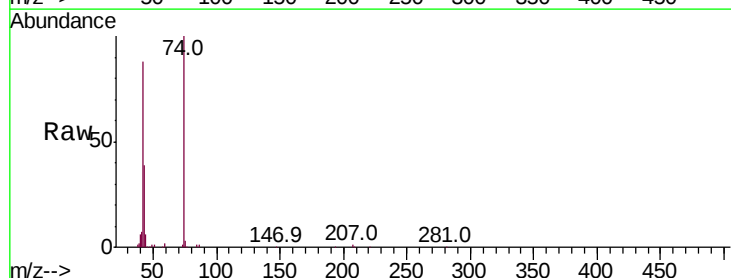
Tgt Ion: 42 Resp: 276734

Ion Ratio Lower Upper

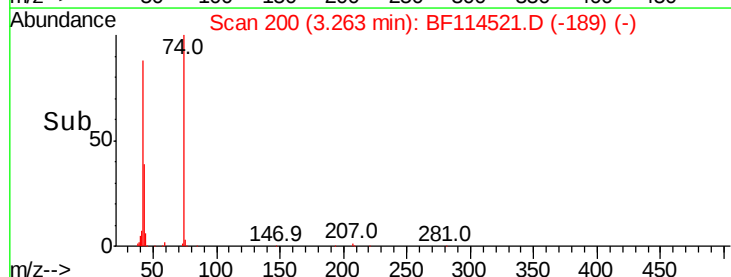
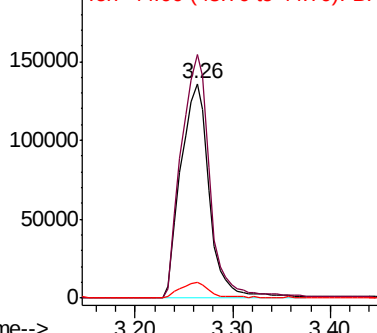
42 100

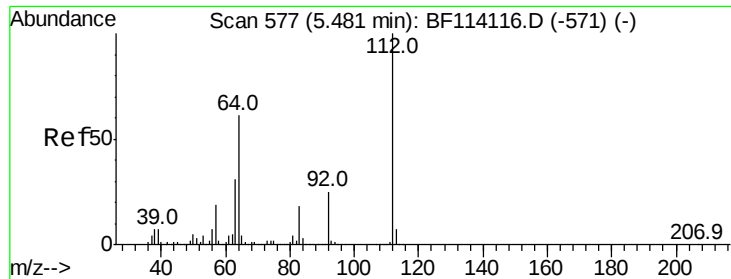
74 113.6 88.6 132.8

44 7.3 5.5 8.3



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





#5

2-Fluorophenol

Concen: 78.165 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Instrument :
BNA_F
ClientSampleId :

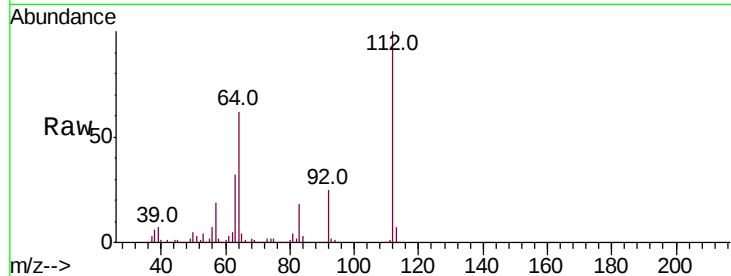
Tot Ion:112 Resp: 871225

Ion Ratio Lower Upper

112 100

64 61.6 49.0 73.6

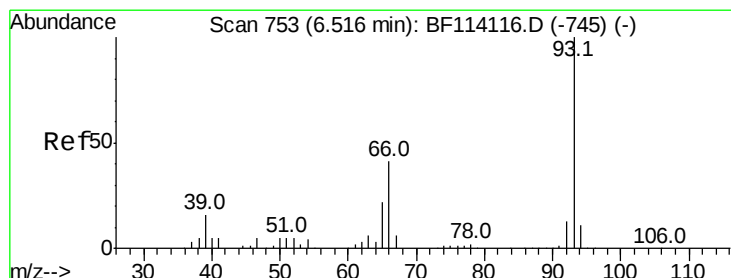
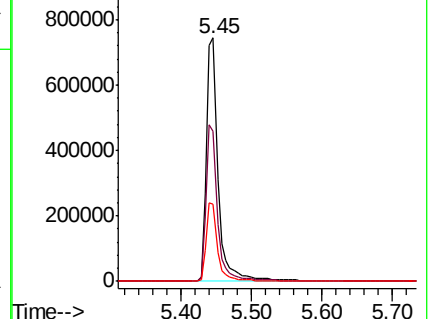
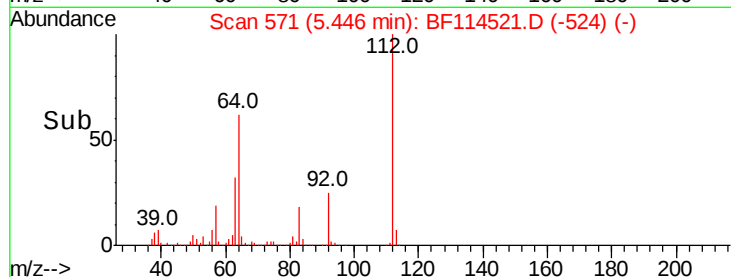
63 31.5 24.6 37.0



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: 40.570 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

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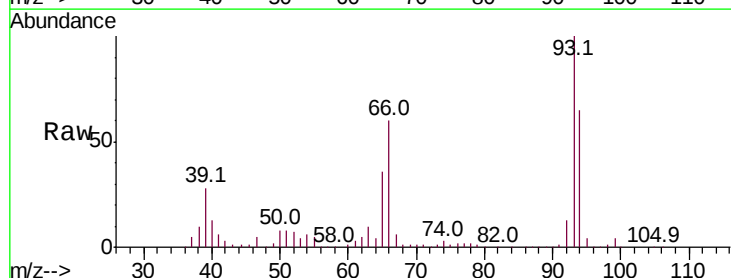
Tgt Ion: 93 Resp: 772553

Ion Ratio Lower Upper

93 100

66 59.6 33.2 49.8#

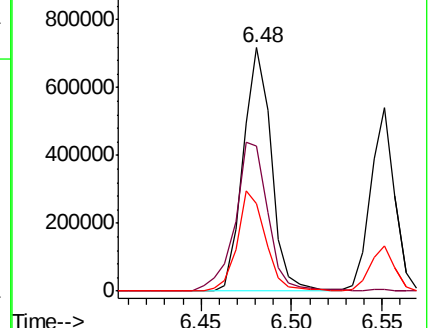
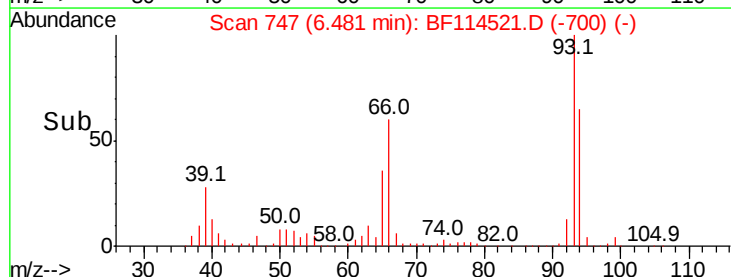
65 36.1 17.6 26.4#



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: 82.330 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

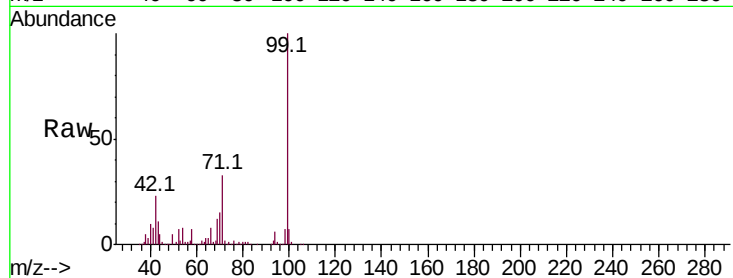
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1085327

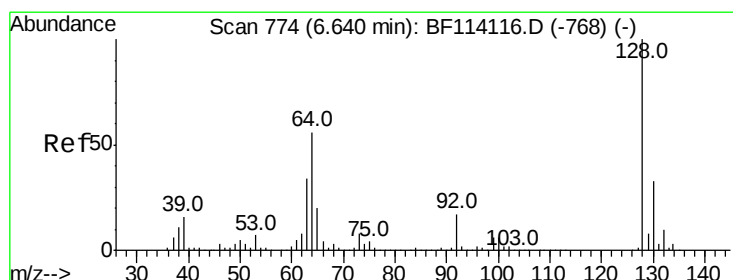
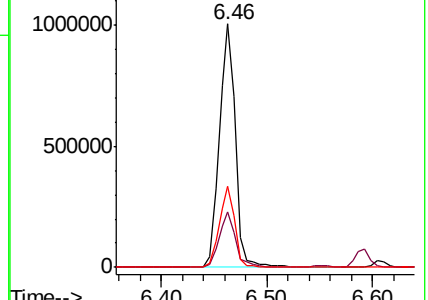
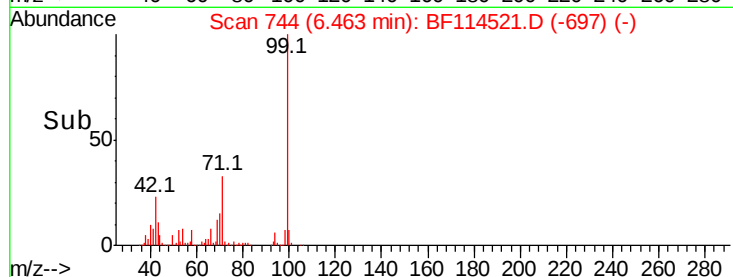
Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.9	26.9
71	33.1	26.2	39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.168 ng

RT: 6.60 min Scan# 768

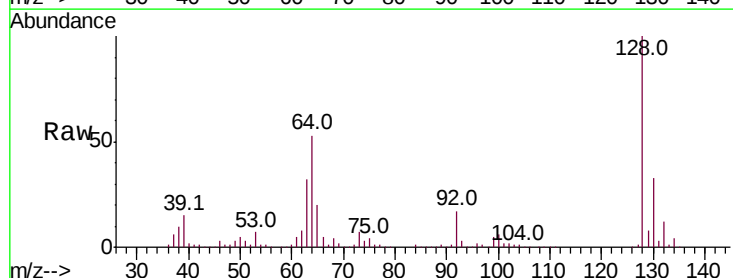
Delta R.T. -0.03 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Tgt Ion:128 Resp: 501754

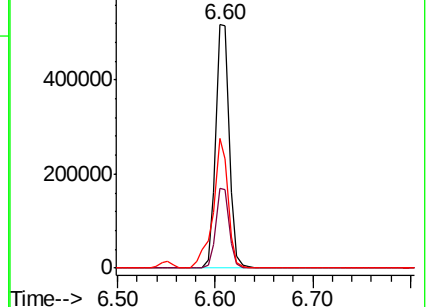
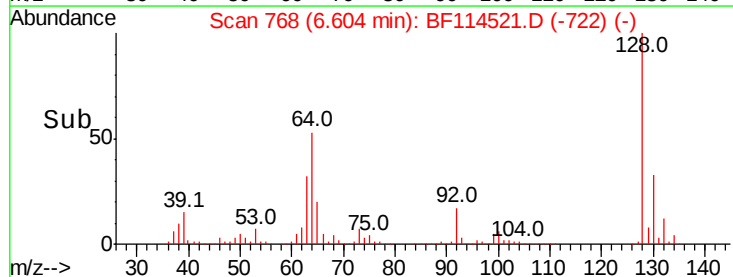
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	53.3	35.9	75.9

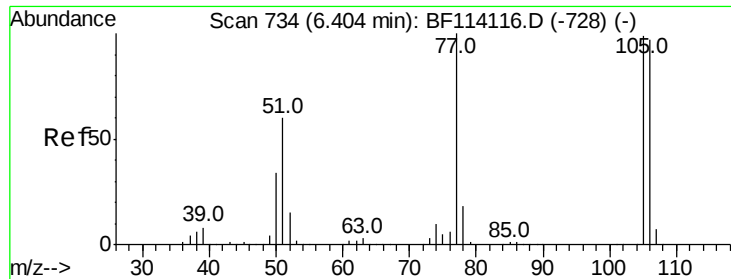


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.848 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

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ClientSampled :

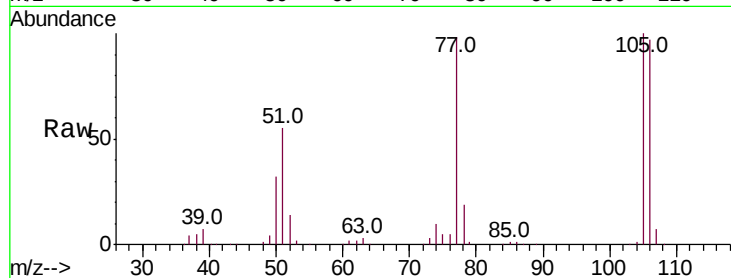
Tot Ion: 77 Resp: 321604

Ion Ratio Lower Upper

77 100

105 102.4 79.3 119.3

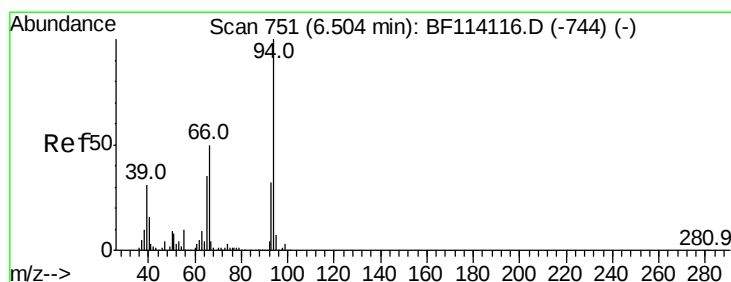
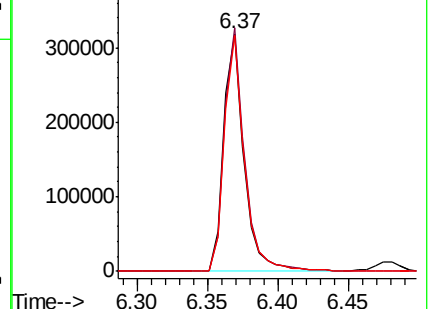
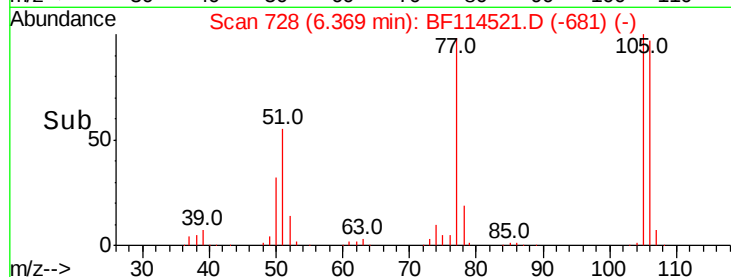
106 99.1 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.128 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

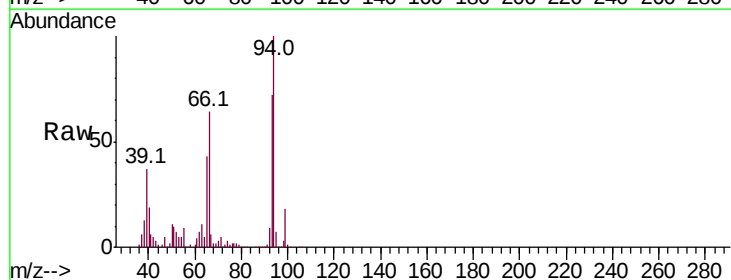
Tgt Ion: 94 Resp: 622288

Ion Ratio Lower Upper

94 100

65 43.1 14.7 54.7

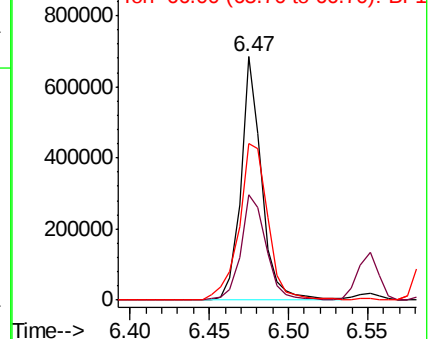
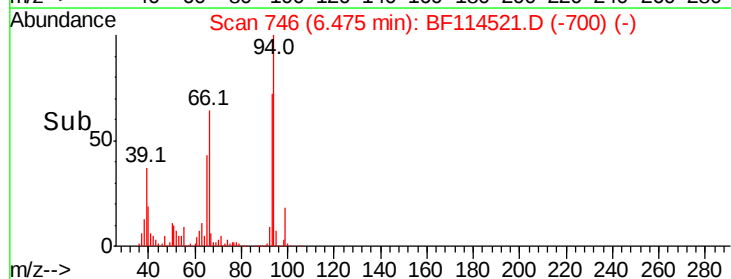
66 64.3 29.6 69.6



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

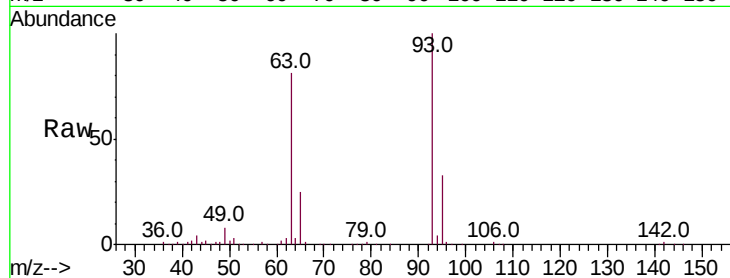




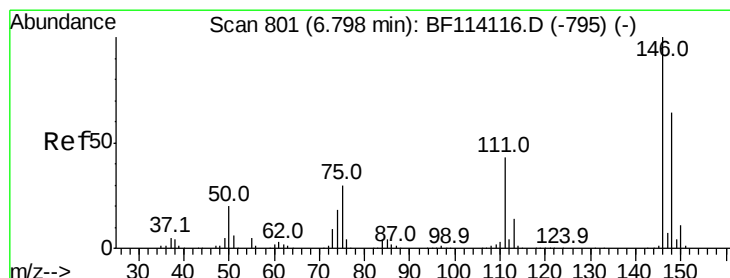
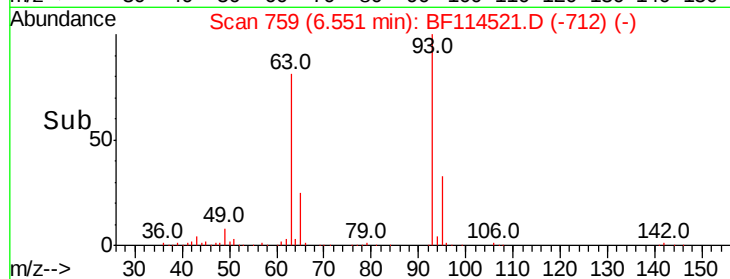
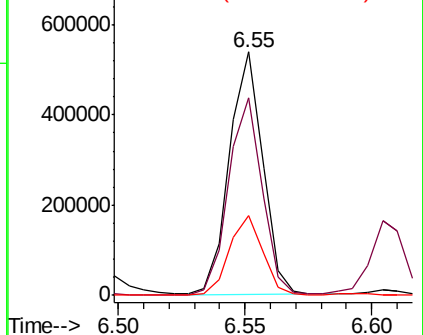
#11
bis(2-Chloroethyl)ether
Concen: 41.676 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 490665
Ion Ratio Lower Upper
93 100
63 81.3 63.6 103.6
95 32.6 13.1 53.1

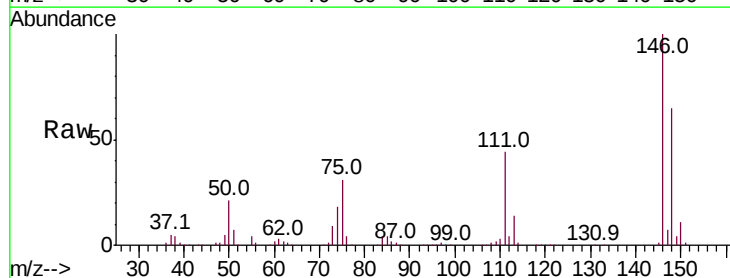


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

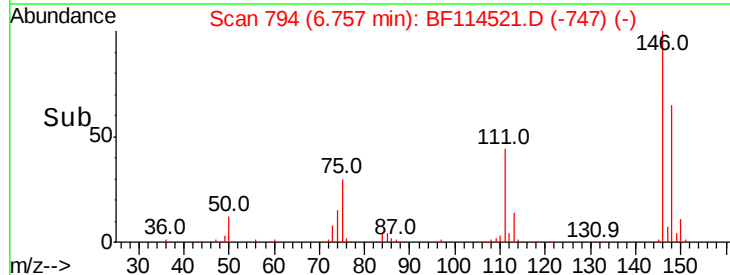
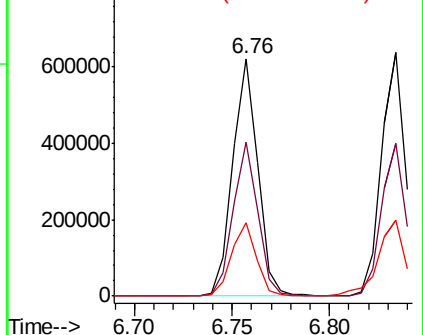


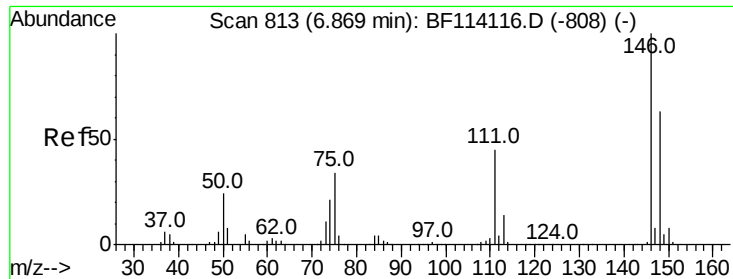
#12
1,3-Dichlorobenzene
Concen: 41.571 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Tgt Ion: 146 Resp: 555249
Ion Ratio Lower Upper
146 100
148 64.9 51.6 77.4
75 31.0 24.2 36.2



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

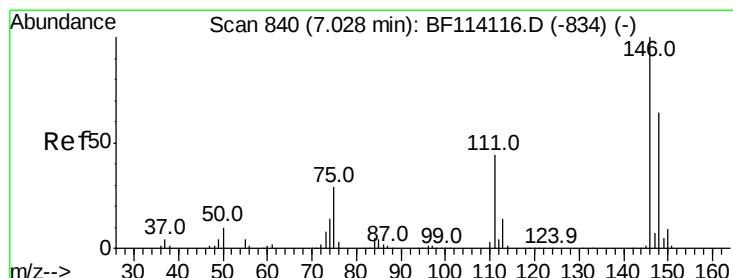
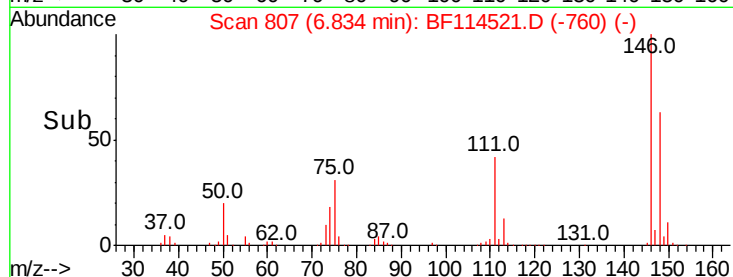
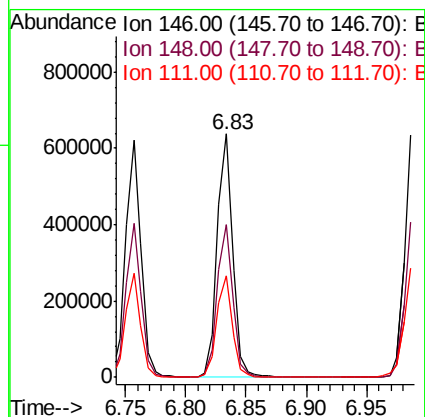
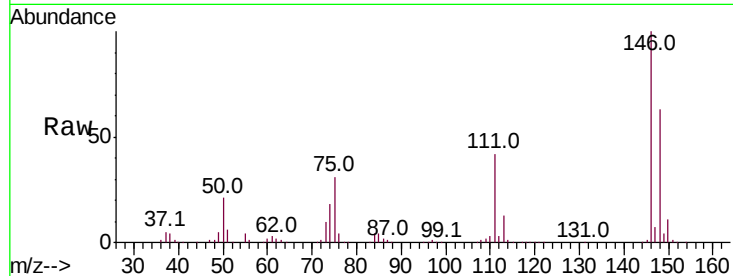




#13
 1,4-Dichlorobenzene
 Concen: 41.559 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BF114521.D
 Acq: 23 May 2019 12:52

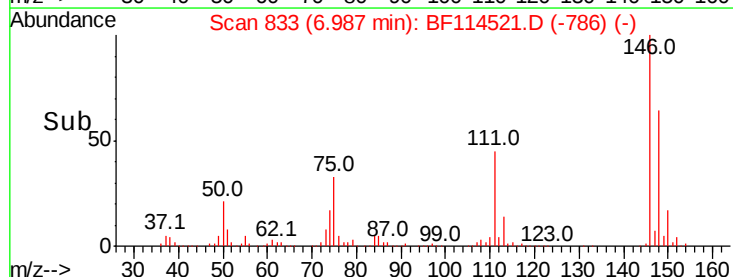
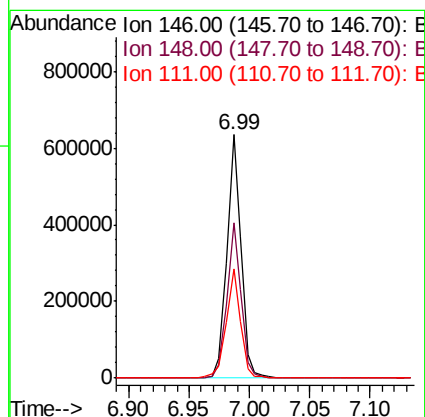
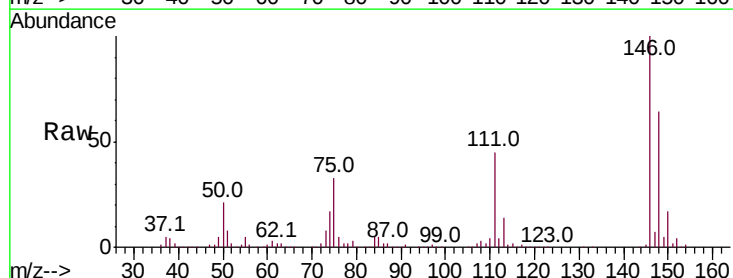
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 559352
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.2 75.2
 111 42.0 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 41.678 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF114521.D
 Acq: 23 May 2019 12:52

Tgt Ion:146 Resp: 512488
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.1 76.7
 111 44.9 35.3 52.9





#15

Benzyl Alcohol

Concen: 39.905 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Instrument :

BNA_F

ClientSampleId :

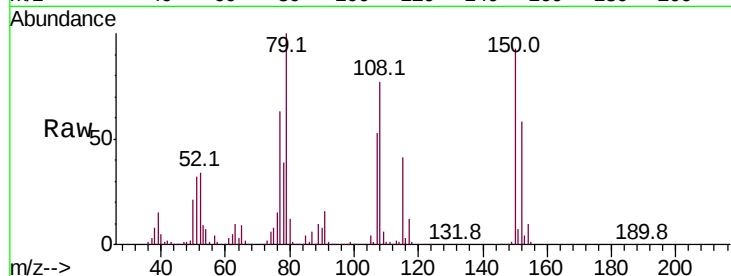
Tot Ion: 79 Resp: 410290

Ion Ratio Lower Upper

79 100

108 77.0 62.1 93.1

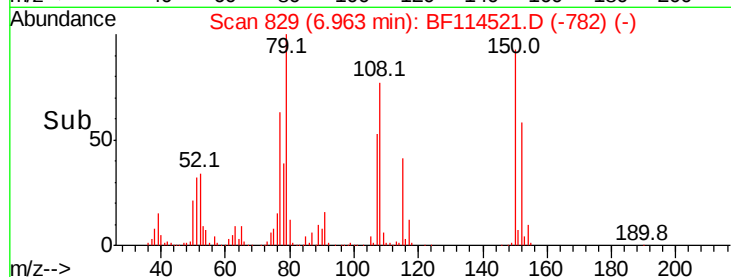
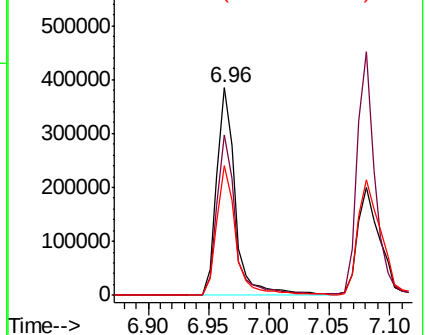
77 62.6 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.748 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

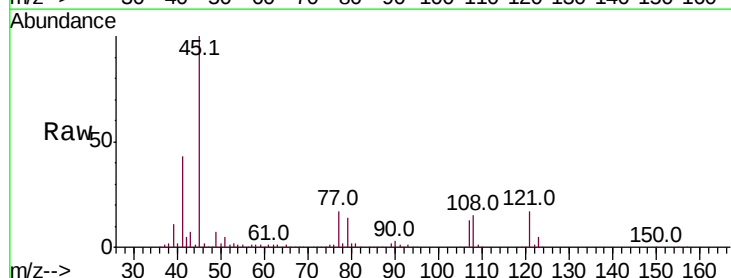
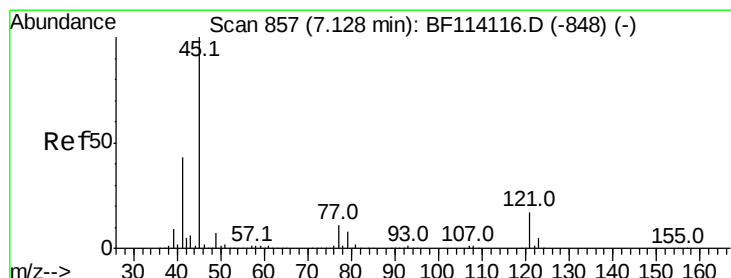
Tgt Ion: 45 Resp: 907358

Ion Ratio Lower Upper

45 100

77 16.7 0.0 31.1

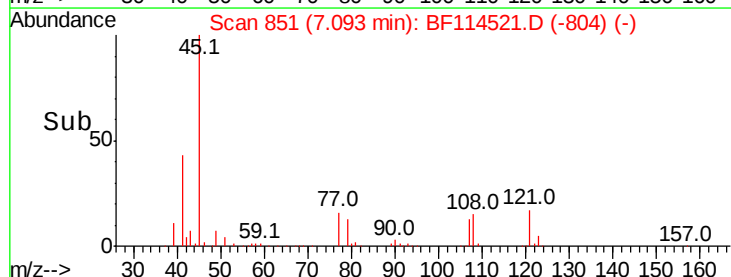
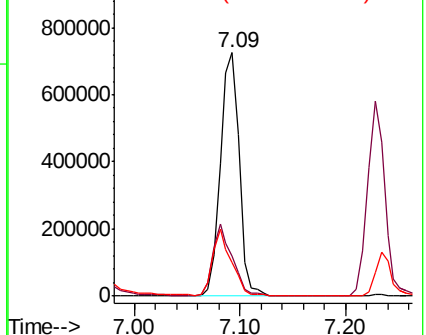
79 13.8 0.0 28.4

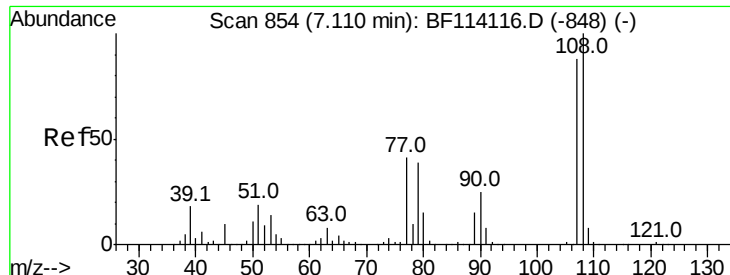


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

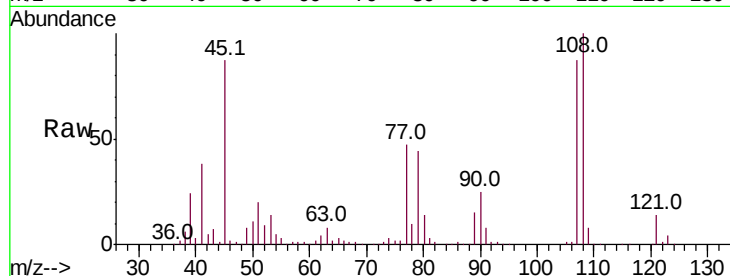




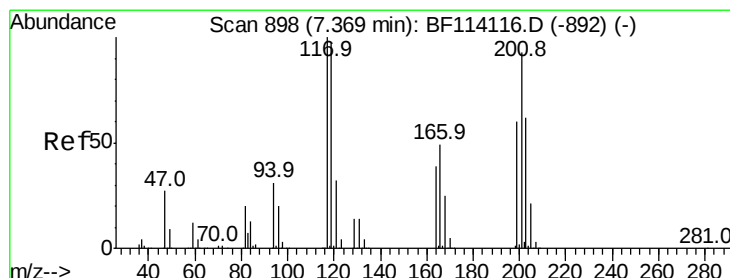
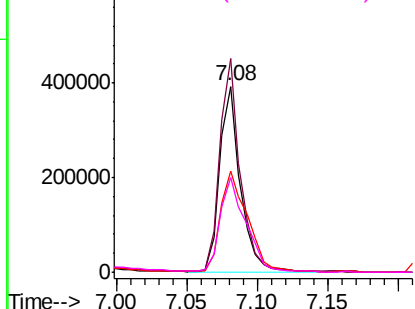
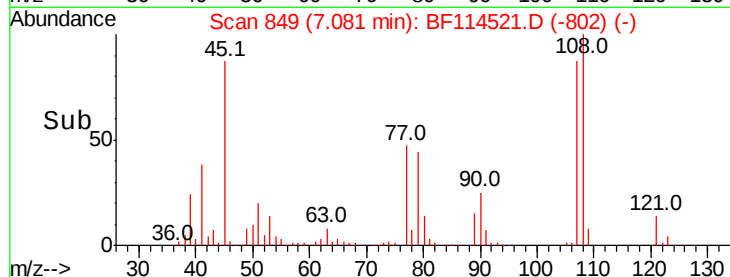
#17
2-Methylphenol
Concen: 40.606 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 396899
Ion Ratio Lower Upper
107 100
108 114.8 90.5 135.7
77 54.3 37.0 55.4
79 50.7 35.8 53.8

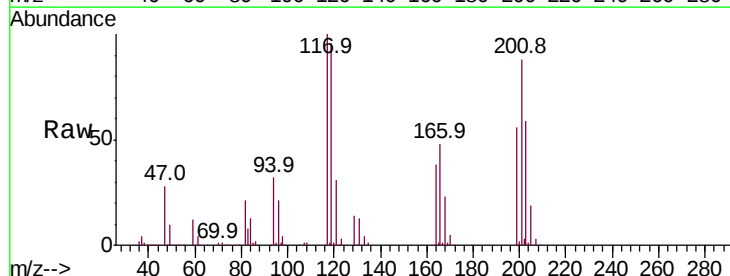


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

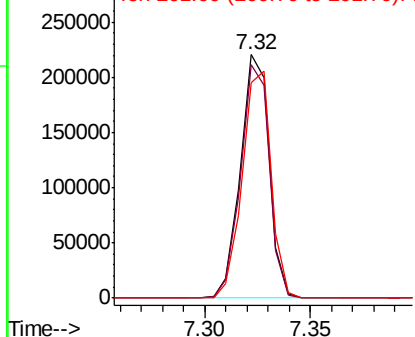
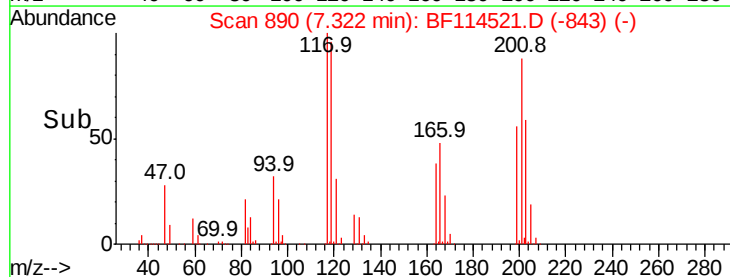


#18
Hexachloroethane
Concen: 41.006 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Tgt Ion:117 Resp: 207168
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.2
201 88.3 74.5 111.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

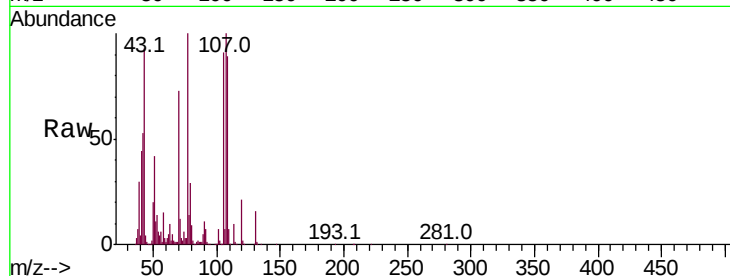




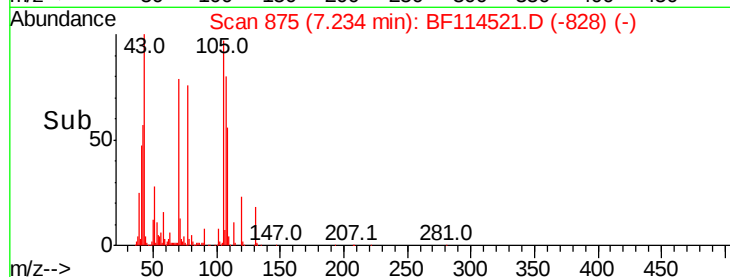
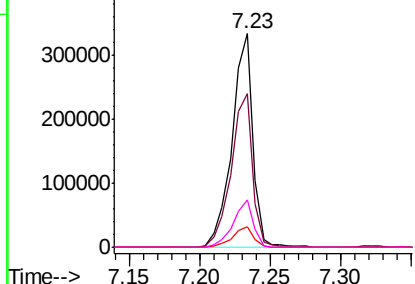
#19
n-Nitroso-di-n-propylamine
Concen: 40.947 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 342149
Ion Ratio Lower Upper
70 100
42 72.0 58.6 87.8
101 9.8 7.8 11.8
130 22.2 17.1 25.7



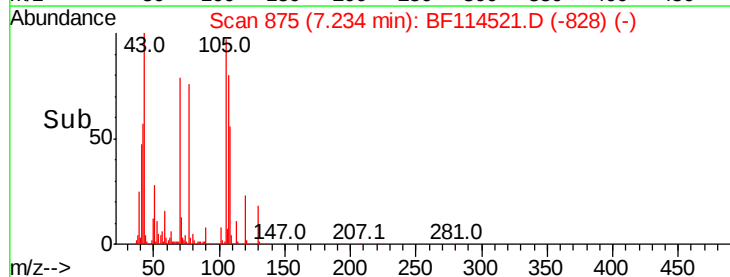
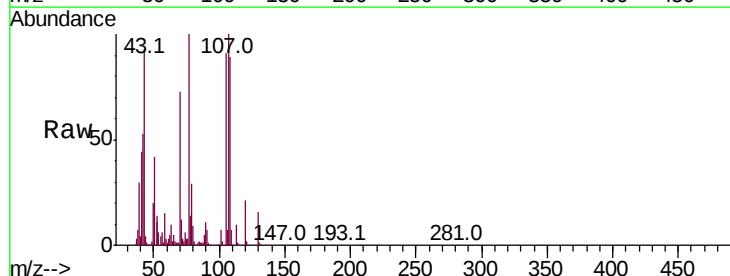
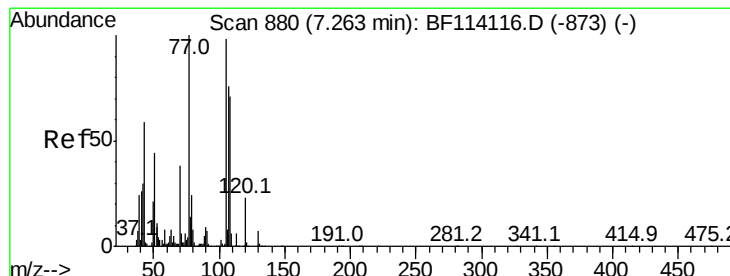
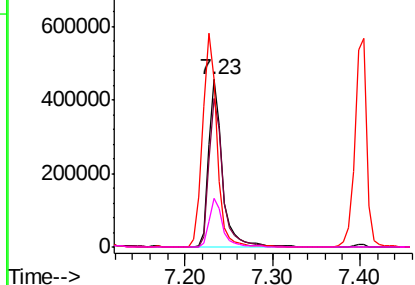
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

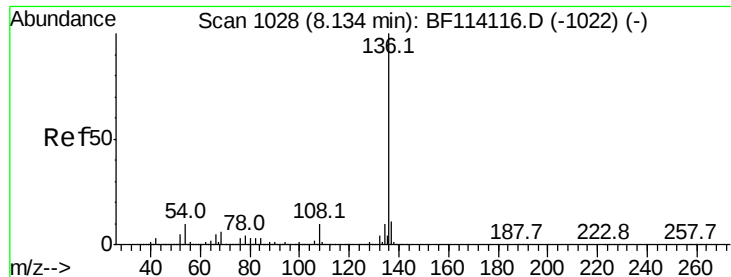


#20
3+4-Methylphenols
Concen: 43.423 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Tgt Ion:107 Resp: 490385
Ion Ratio Lower Upper
107 100
108 89.0 73.8 113.8
77 100.4 111.5 151.5#
79 28.9 12.0 52.0

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 737631

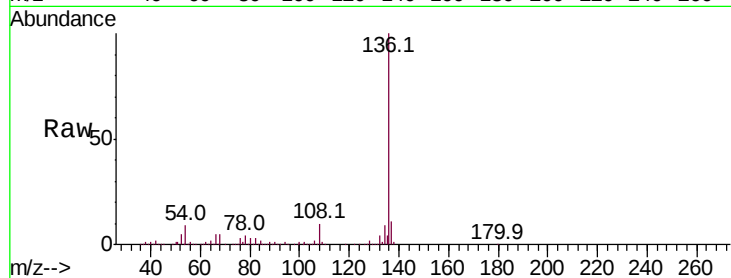
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.1 7.8 11.8

68 5.5 5.1 7.7

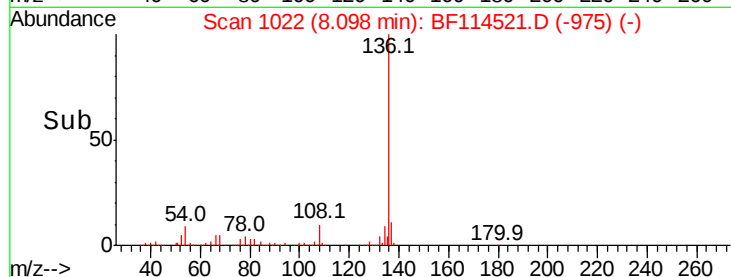


Abundance Ion 136.00 (135.70 to 136.70): E

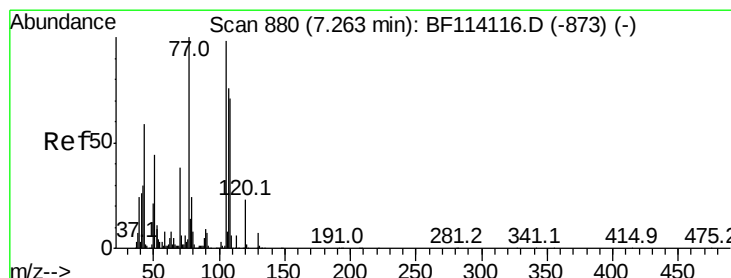
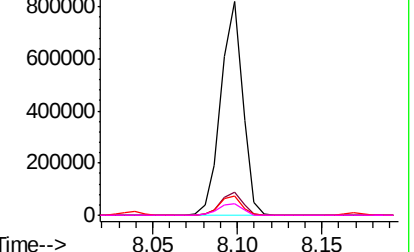
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 40.406 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Tgt Ion:105 Resp: 660275

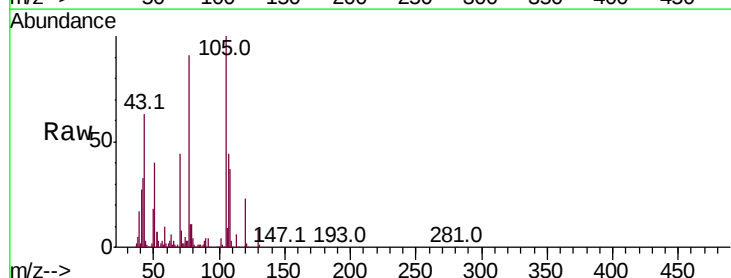
Ion Ratio Lower Upper

105 100

71 7.6 5.3 7.9

51 40.4 36.2 54.4

120 23.1 18.6 28.0

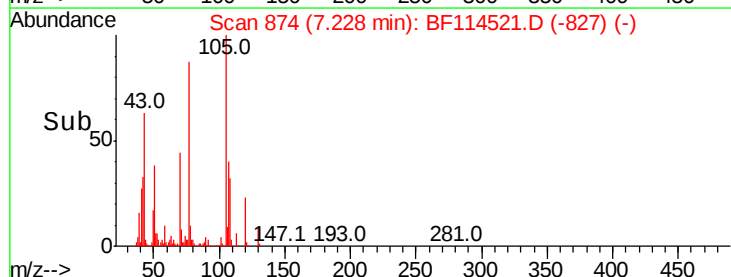


Abundance Ion 105.00 (104.70 to 105.70): E

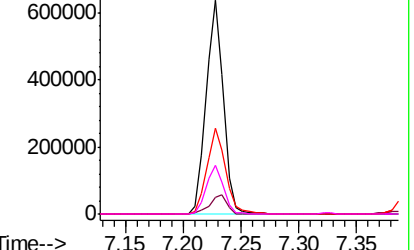
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 79.549 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Instrument :

BNA_F

ClientSampled :

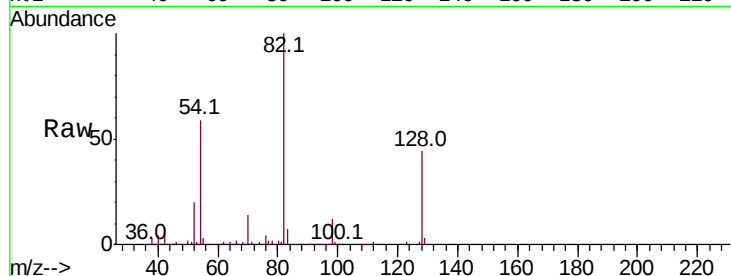
Tot Ion: 82 Resp: 1045573

Ion Ratio Lower Upper

82 100

128 43.8 35.5 53.3

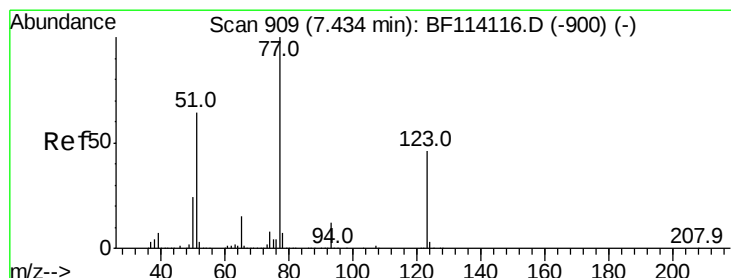
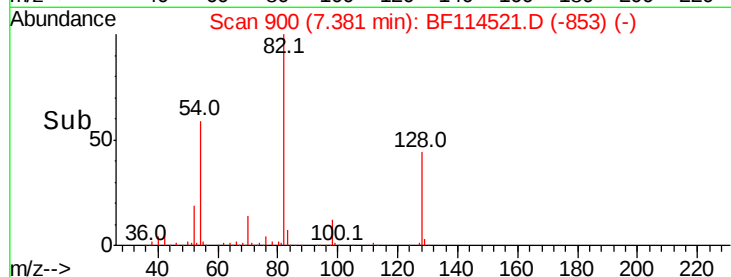
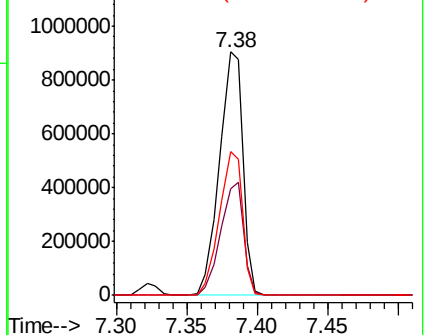
54 59.1 48.5 72.7



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: 40.198 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

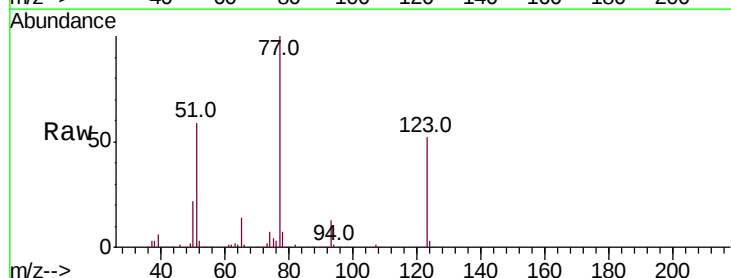
Tgt Ion: 77 Resp: 538127

Ion Ratio Lower Upper

77 100

123 52.1 36.9 55.3

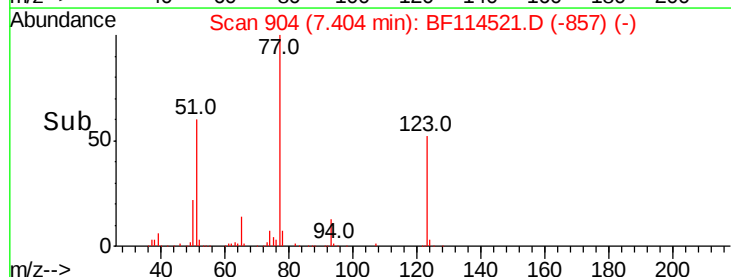
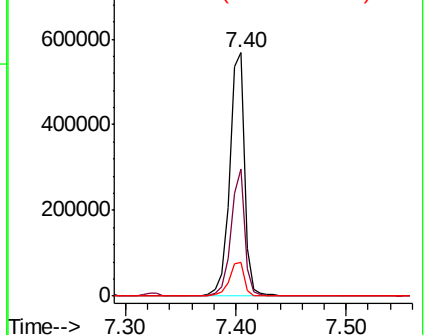
65 13.9 11.8 17.6

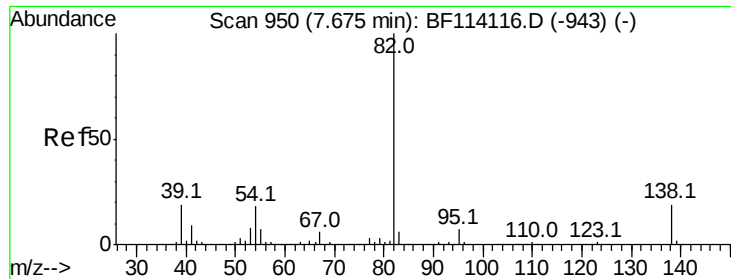


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.949 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Instrument :

BNA_F

ClientSampleId :

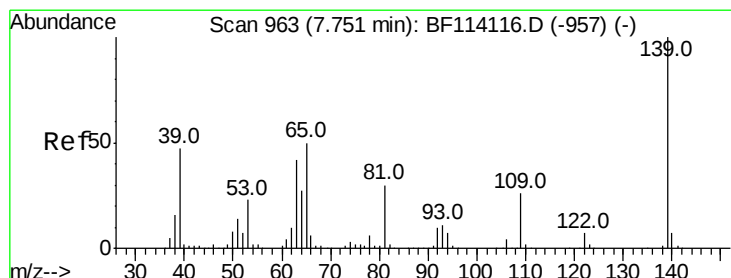
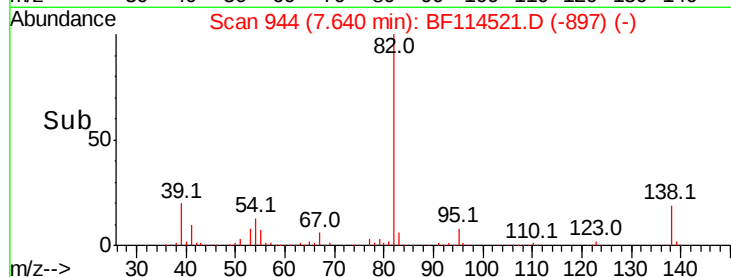
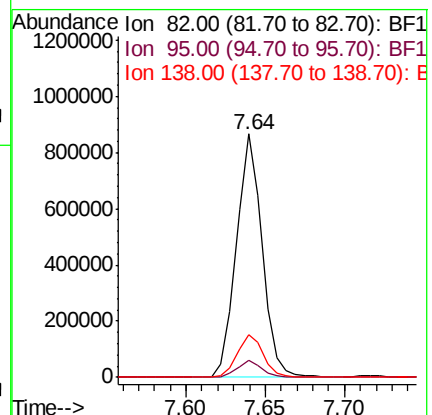
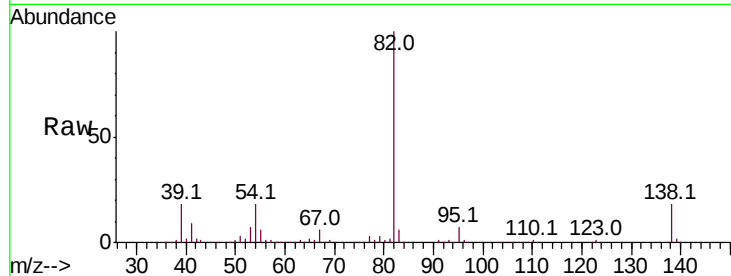
Tot Ion: 82 Resp: 973818

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 17.6 14.8 22.2



#26

2-Nitrophenol

Concen: 41.743 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

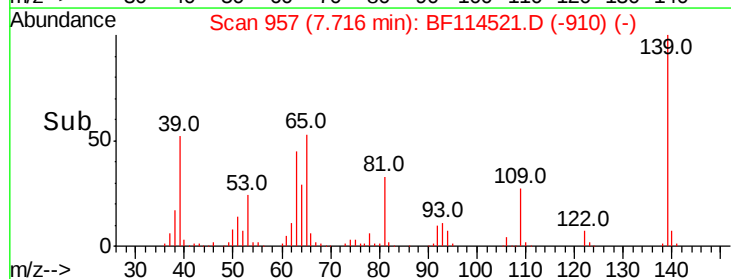
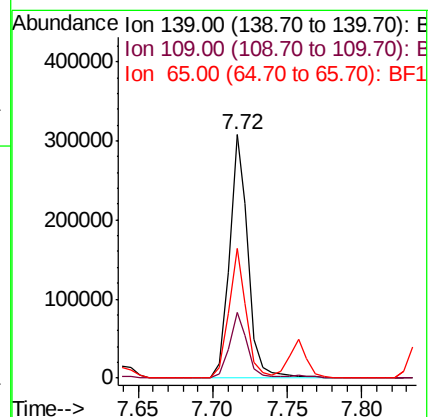
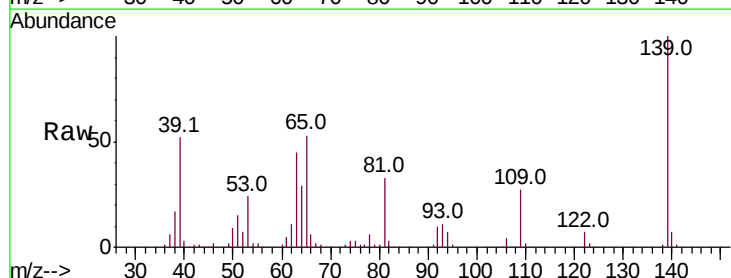
Tgt Ion: 139 Resp: 271120

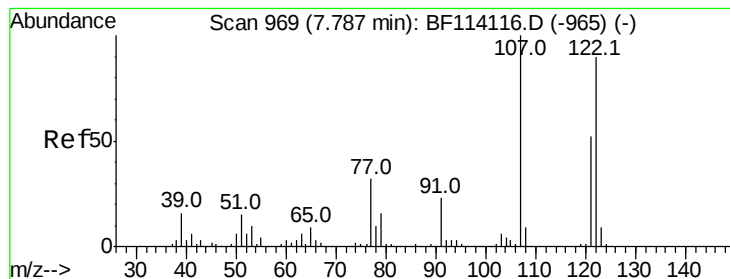
Ion Ratio Lower Upper

139 100

109 27.0 20.7 31.1

65 53.2 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 39.410 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Instrument :

BNA_F

ClientSampleId :

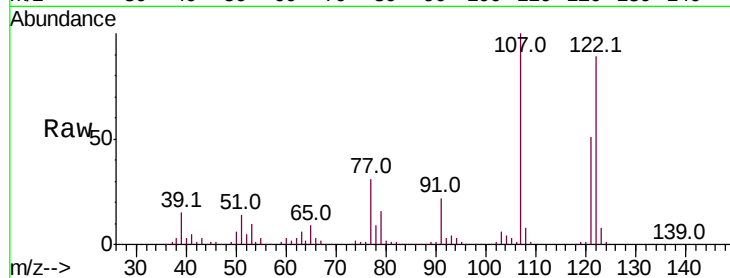
Tot Ion:122 Resp: 402011

Ion Ratio Lower Upper

122 100

107 112.4 88.4 132.6

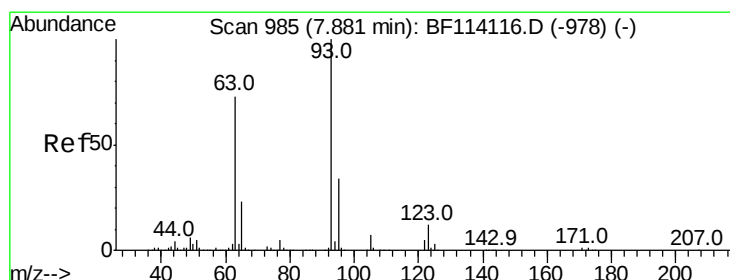
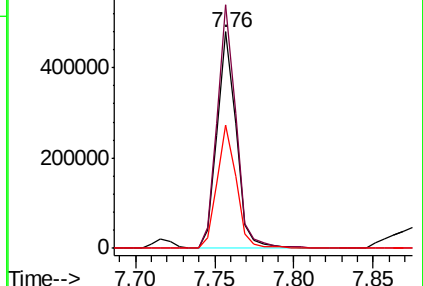
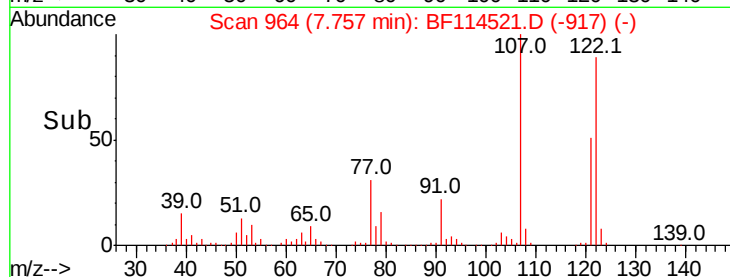
121 57.2 45.9 68.9



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: 40.495 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

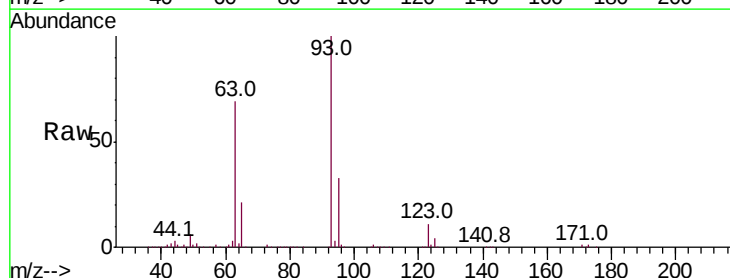
Tgt Ion: 93 Resp: 640482

Ion Ratio Lower Upper

93 100

95 32.8 26.8 40.2

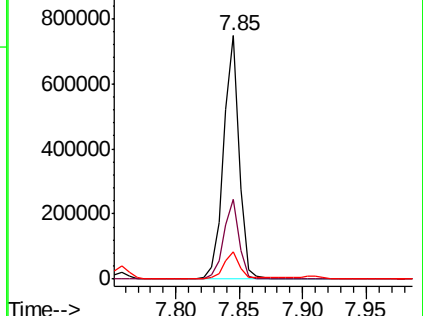
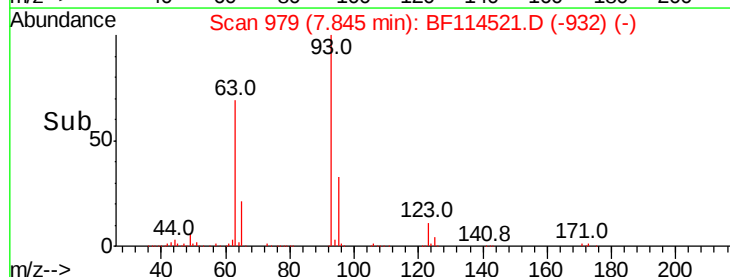
123 11.3 9.5 14.3

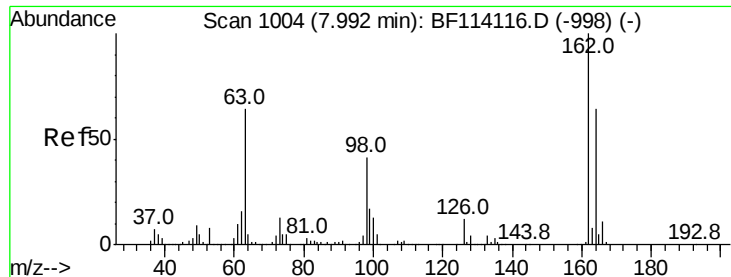


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.964 ng

RT: 7.96 min Scan# 999

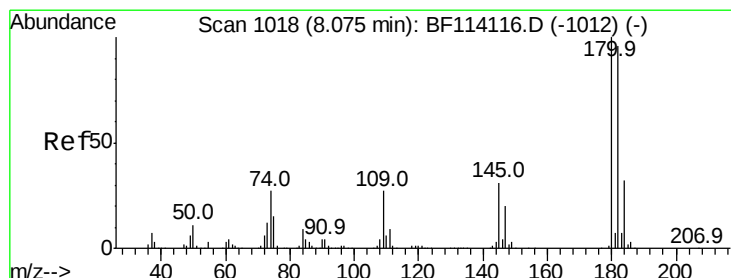
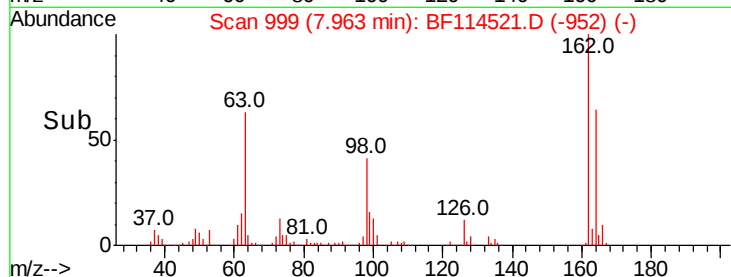
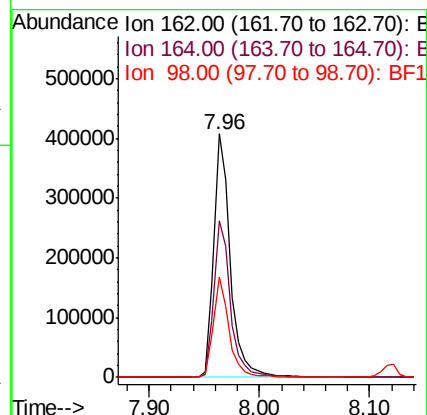
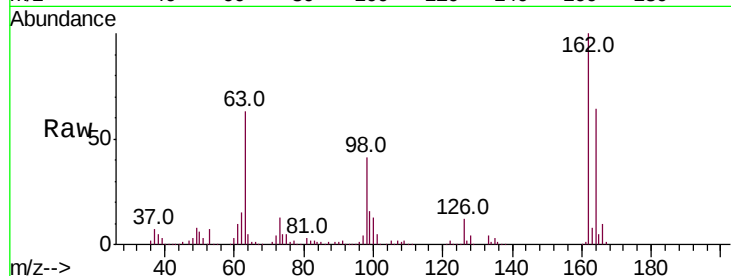
Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162	Resp:	416099
Ion Ratio	Lower	Upper
162	100	
164	64.3	43.6 83.6
98	40.9	20.6 60.6



#30

1,2,4-Trichlorobenzene

Concen: 40.084 ng

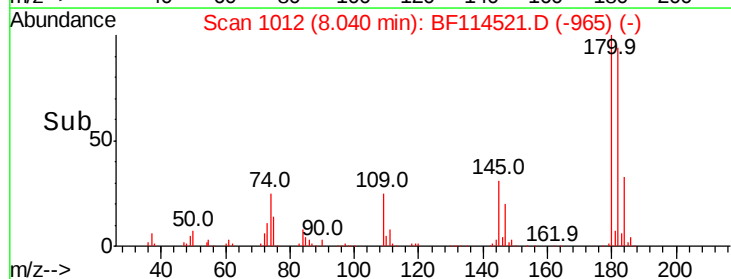
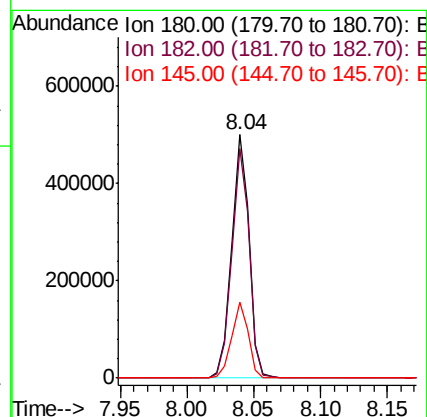
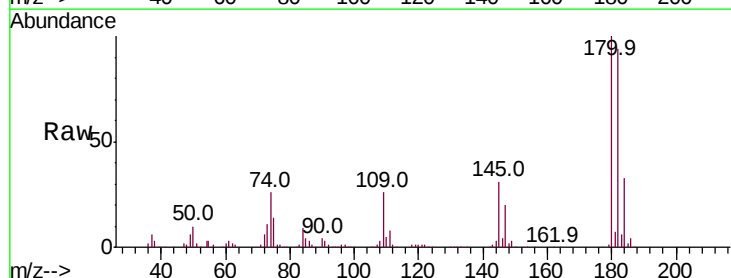
RT: 8.04 min Scan# 1012

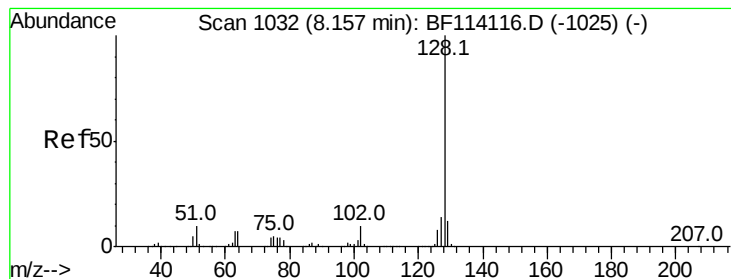
Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Tgt Ion:180	Resp:	462990
Ion Ratio	Lower	Upper
180	100	
182	94.4	76.6 114.8
145	31.4	25.1 37.7





#31

Naphthalene

Concen: 41.502 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Instrument :

BNA_F

ClientSampleId :

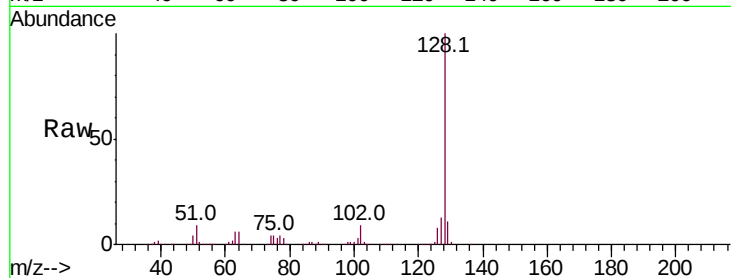
Tot Ion:128 Resp: 1429992

Ion Ratio Lower Upper

128 100

129 11.1 9.6 14.4

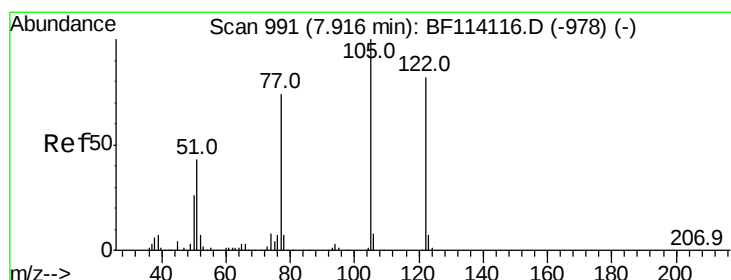
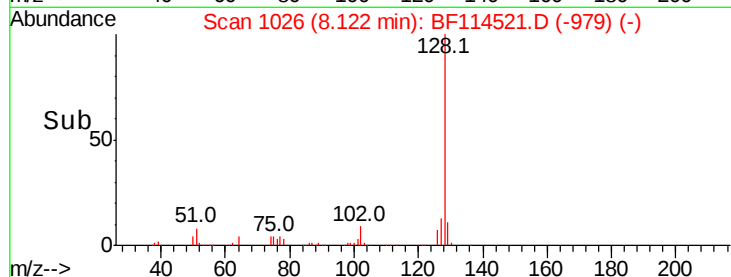
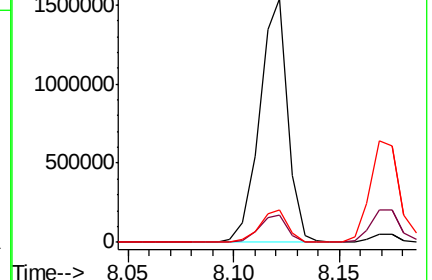
127 13.5 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.170 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

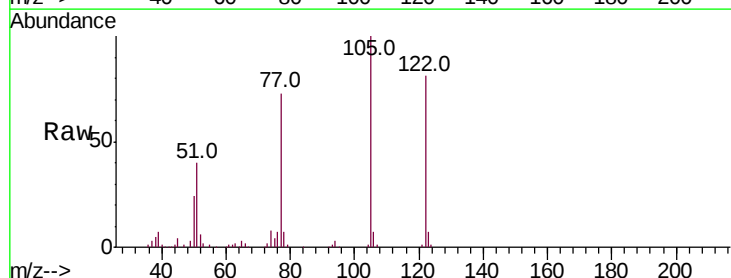
Tgt Ion:122 Resp: 273900

Ion Ratio Lower Upper

122 100

105 123.3 99.9 139.9

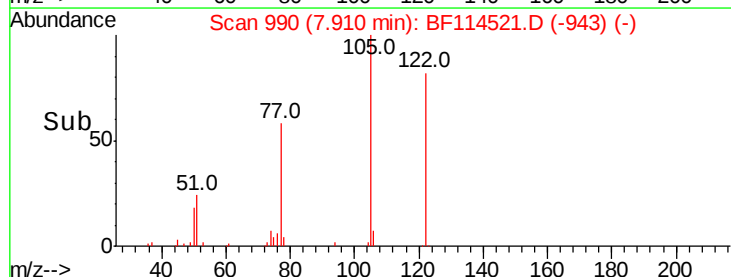
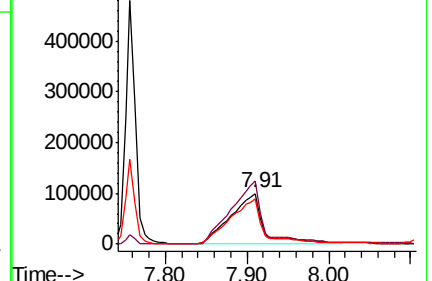
77 89.5 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

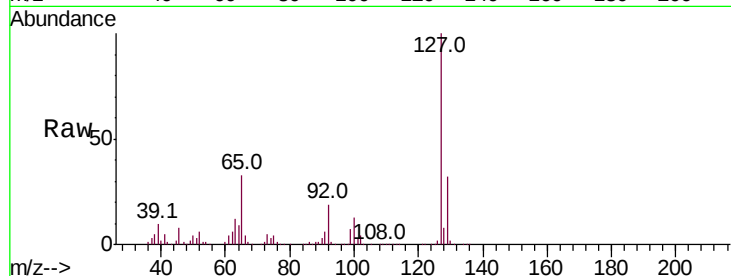




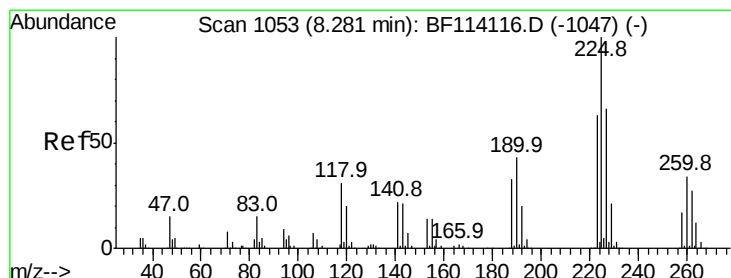
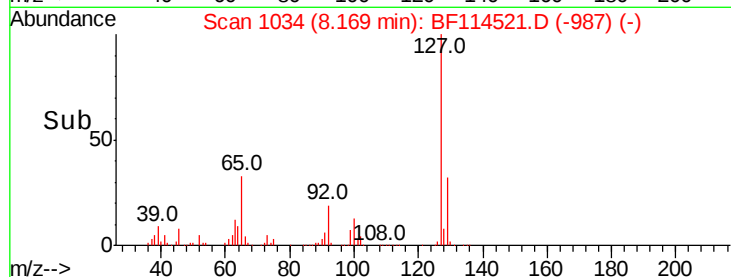
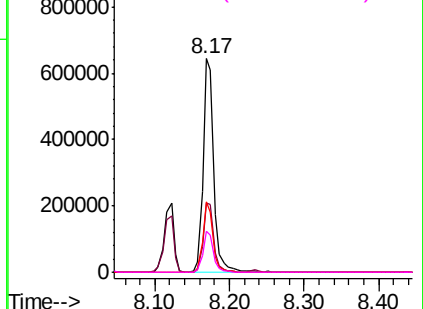
#33
4-Chloroaniline
Concen: 41.555 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	652474
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.7	40.1
65	33.1	25.4	38.0
92	19.5	15.4	23.2

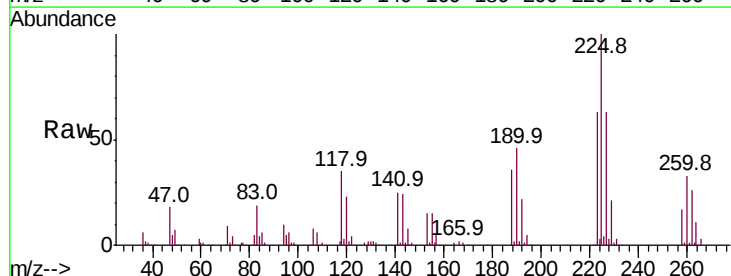


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

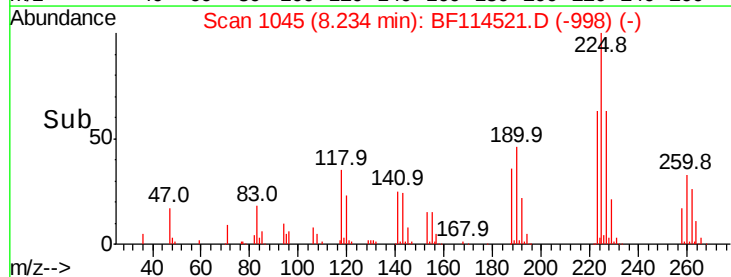
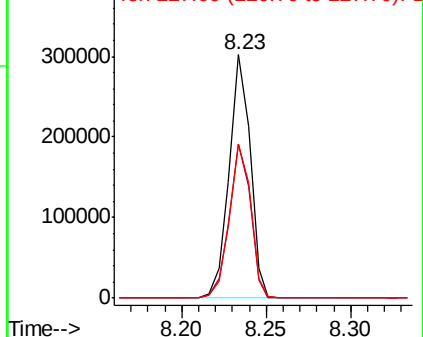


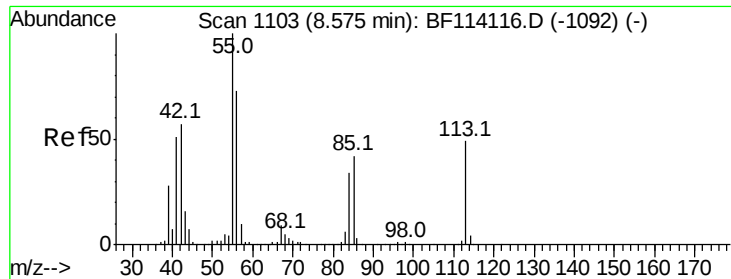
#34
Hexachlorobutadiene
Concen: 39.951 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Tgt Ion:	225	Resp:	262560
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.2
227	63.5	52.6	79.0



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

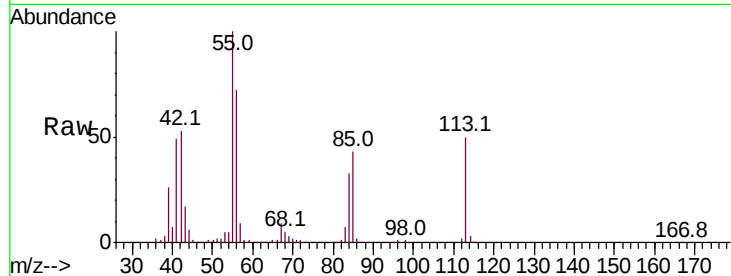




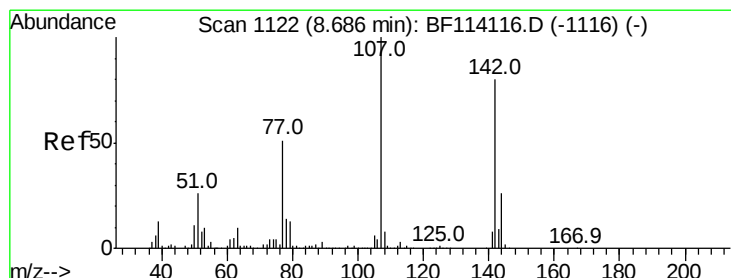
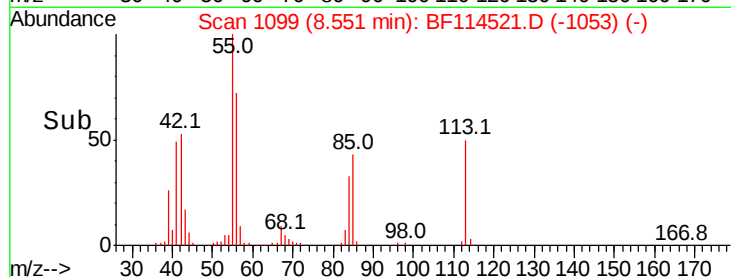
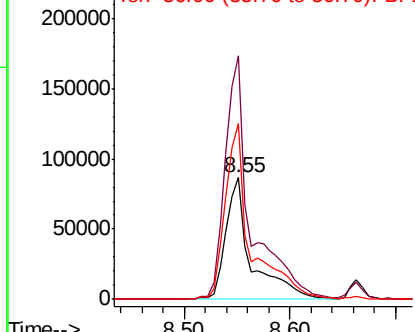
#35
 Caprolactam
 Concen: 43.818 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.03 min
 Lab File: BF114521.D
 Acq: 23 May 2019 12:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 145131
 Ion Ratio Lower Upper
 113 100
 55 200.3 183.5 223.5
 56 144.2 128.8 168.8

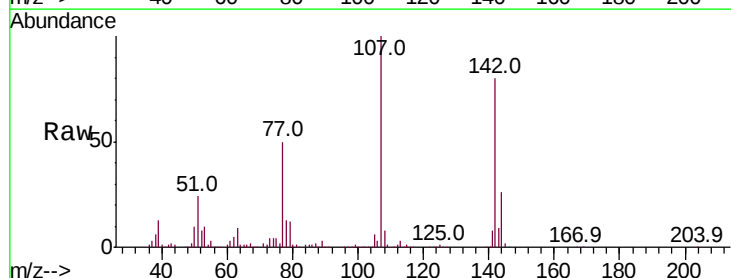


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

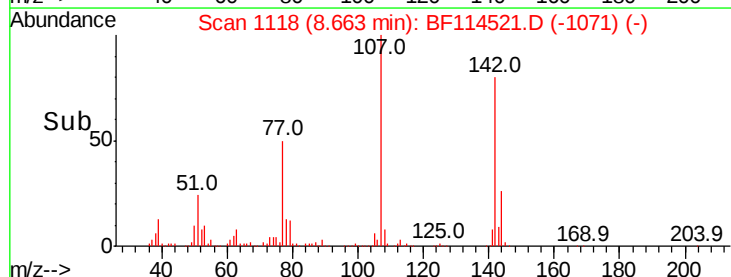
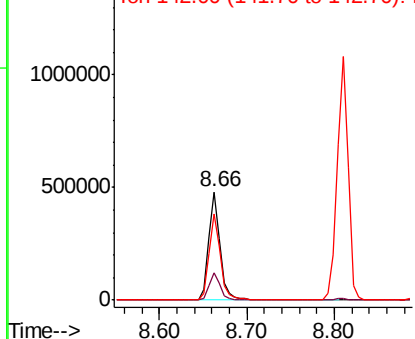


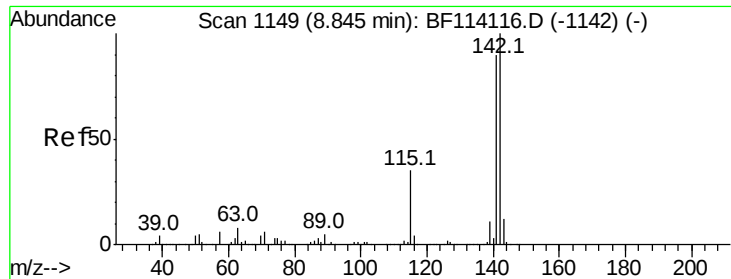
#36
 4-Chloro-3-methylphenol
 Concen: 43.143 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BF114521.D
 Acq: 23 May 2019 12:52

Tgt Ion:107 Resp: 441110
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.4 30.6
 142 80.1 64.2 96.4



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





#37

2-Methylnaphthalene

Concen: 42.477 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.02 min

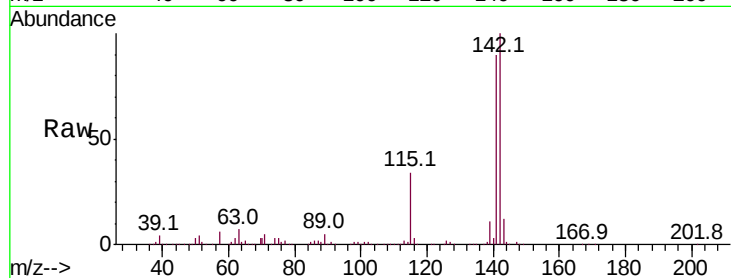
Lab File: BF114521.D

Acq: 23 May 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 944286

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.1	108.1
115	34.0	28.0	42.0

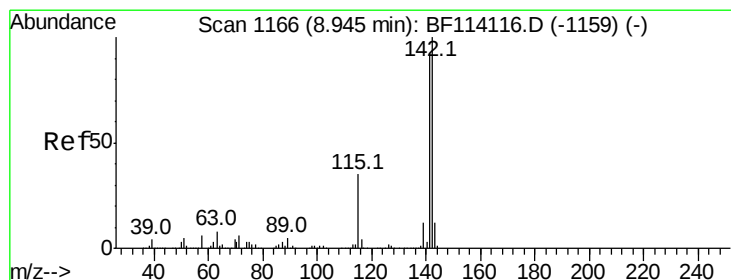
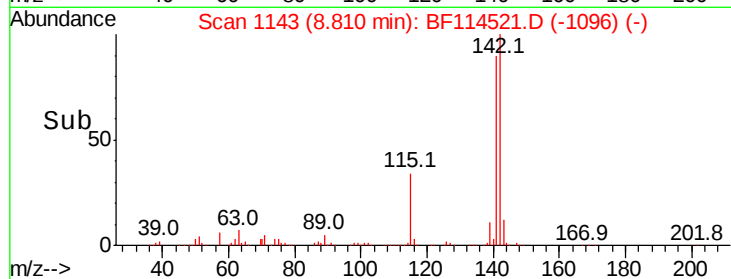
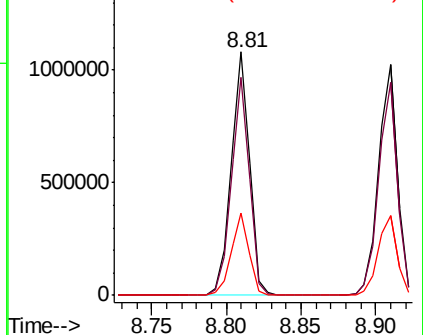


Abundance

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: 42.305 ng

RT: 8.91 min Scan# 1160

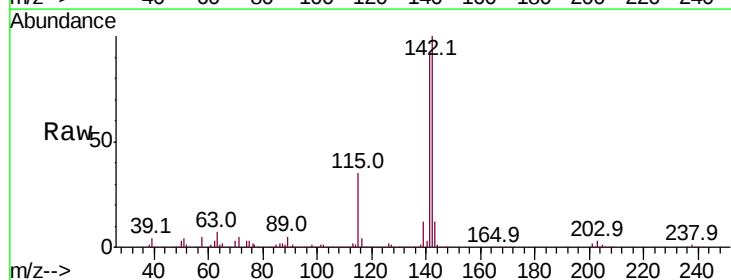
Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Tgt Ion:142 Resp: 885671

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.4	110.0
116	3.5	3.1	4.7

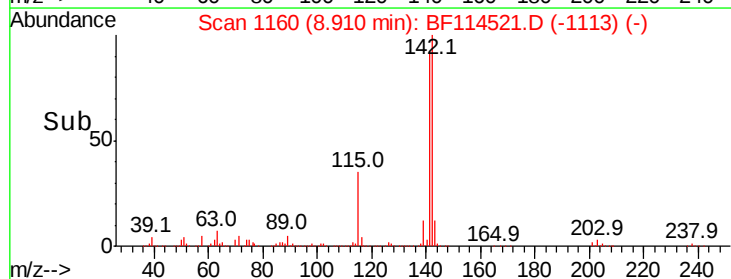
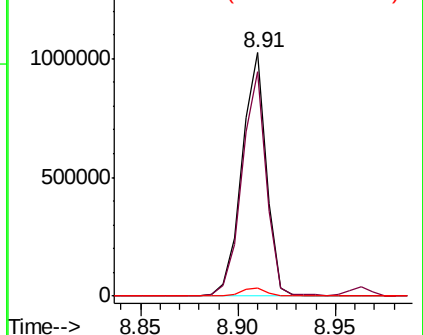


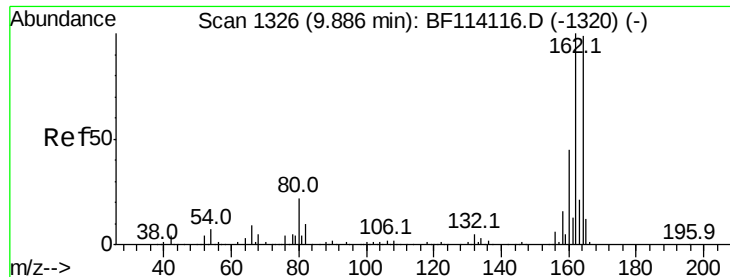
Abundance

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

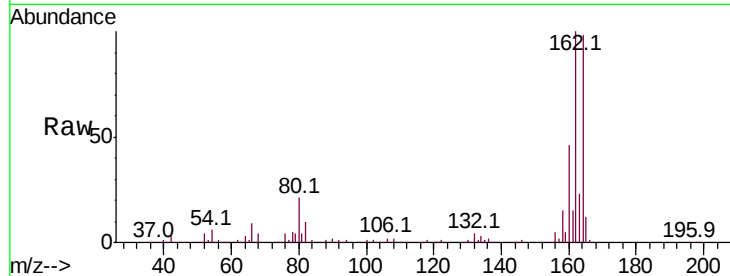




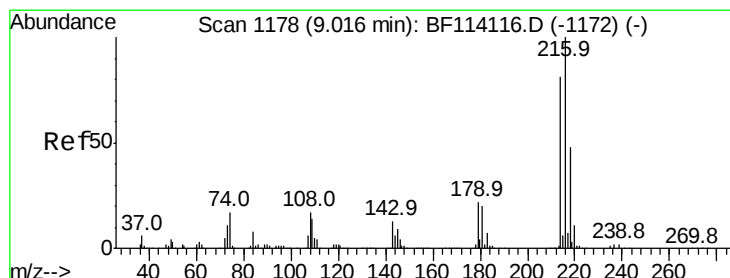
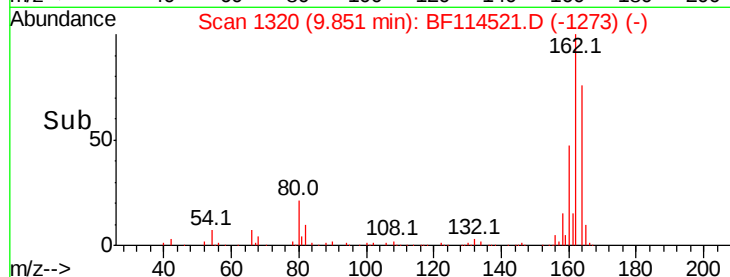
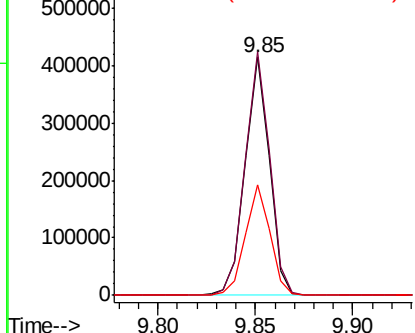
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	120.8
160	46.6	36.5	54.7



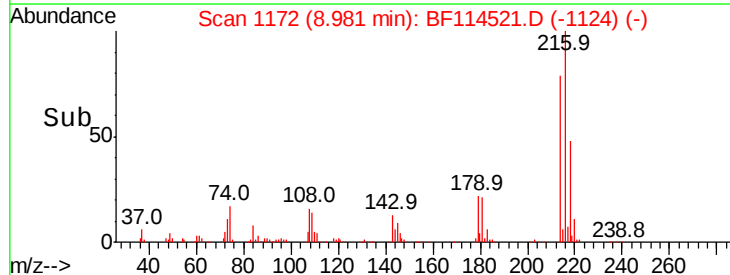
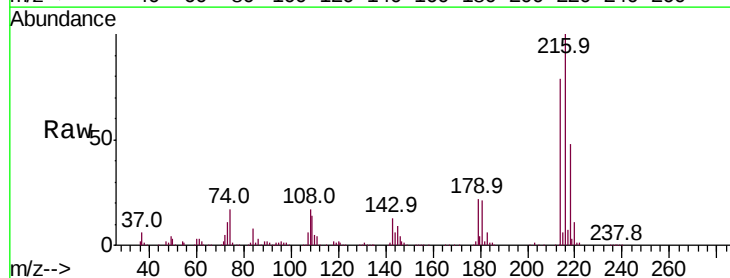
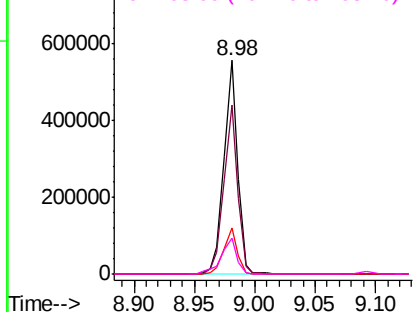
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

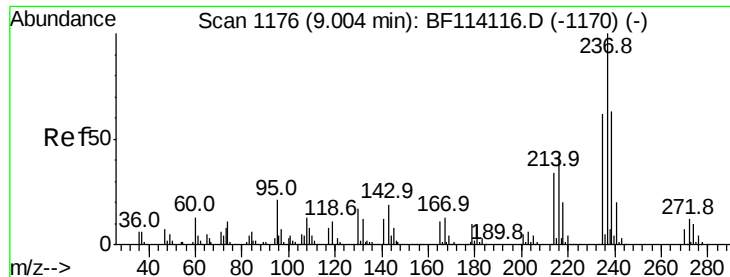


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.860 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.9	95.9
179	21.0	17.0	25.6
108	18.7	14.8	22.2

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: 44.140 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Instrument :

BNA_F

ClientSampleId :

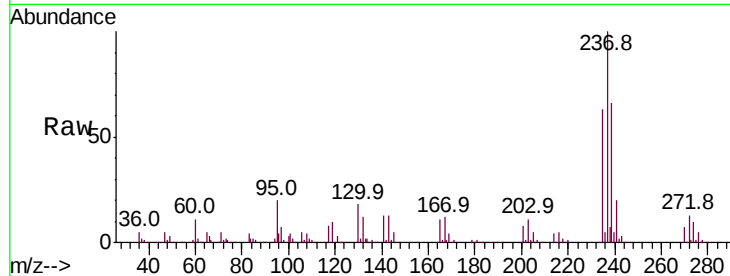
Tot Ion:237 Resp: 213974

Ion Ratio Lower Upper

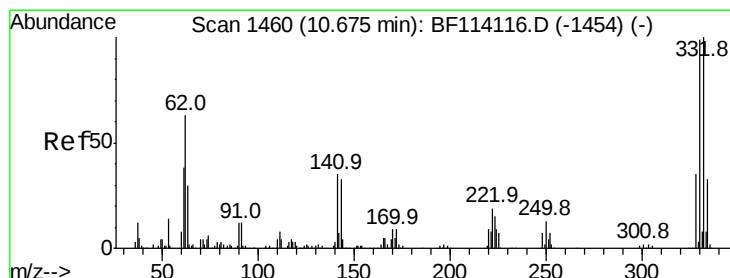
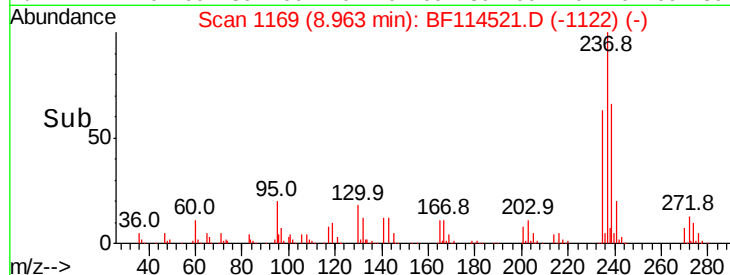
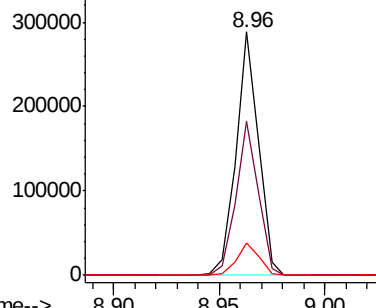
237 100

235 63.4 42.0 82.0

272 13.3 0.0 32.4



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: 74.894 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

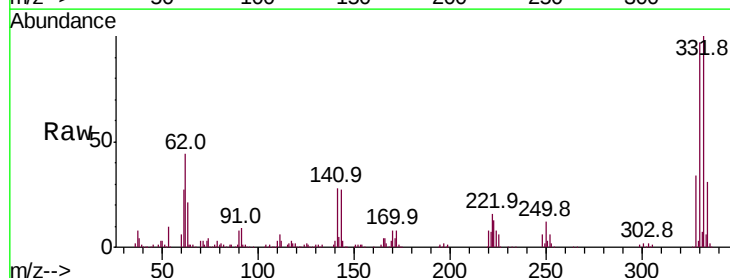
Tgt Ion:330 Resp: 278912

Ion Ratio Lower Upper

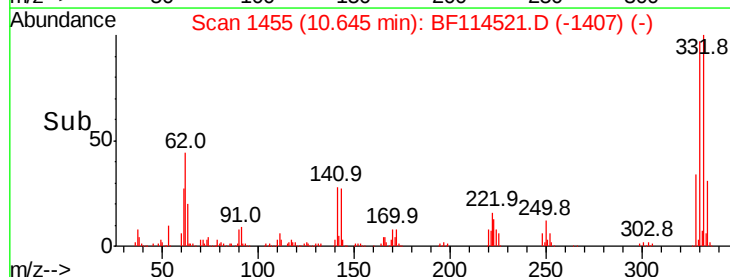
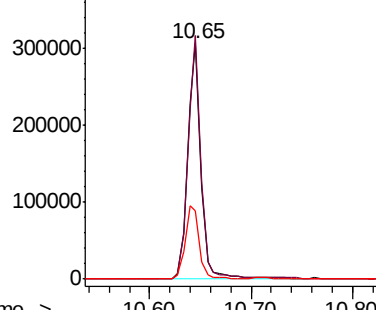
330 100

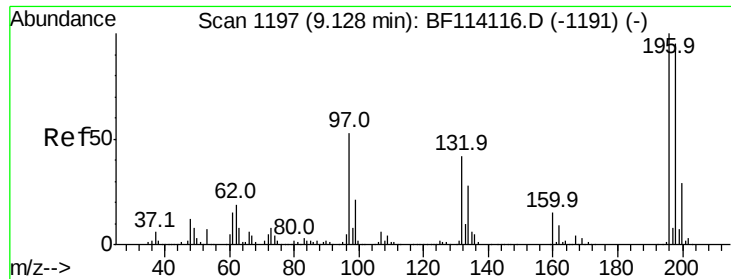
332 102.7 81.4 122.2

141 33.2 26.6 40.0



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

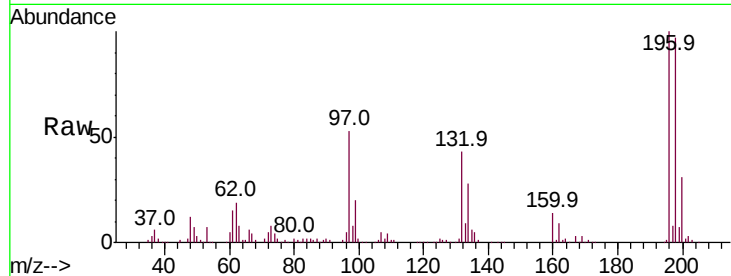




#43
 2,4,6-Trichlorophenol
 Concen: 38.632 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF114521.D
 Acq: 23 May 2019 12:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.9	113.9
200	30.8	23.5	35.3

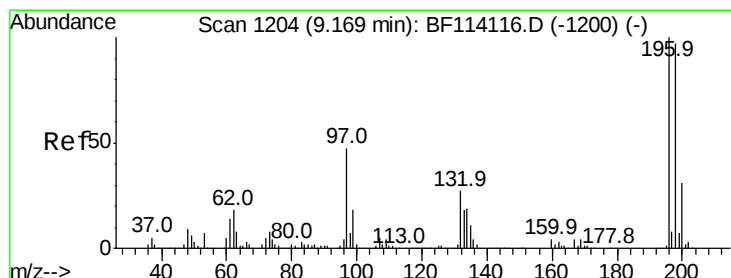
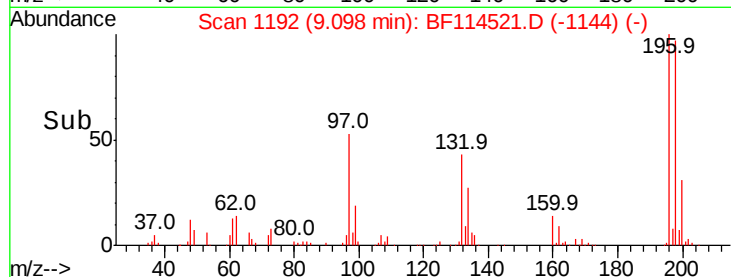
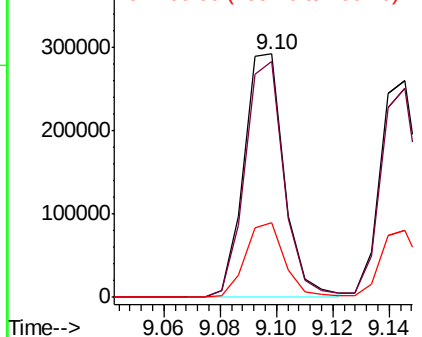


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.287 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF114521.D
 Acq: 23 May 2019 12:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.7	116.5
97	46.5	38.2	57.2
132	27.6	21.4	32.2

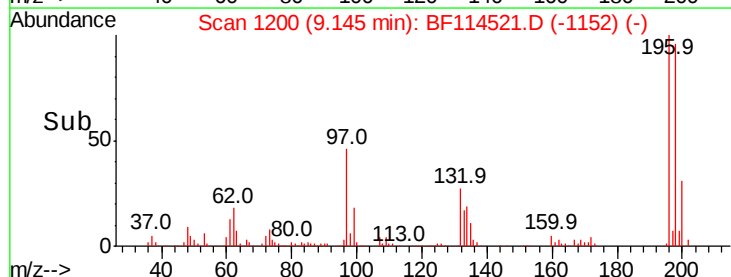
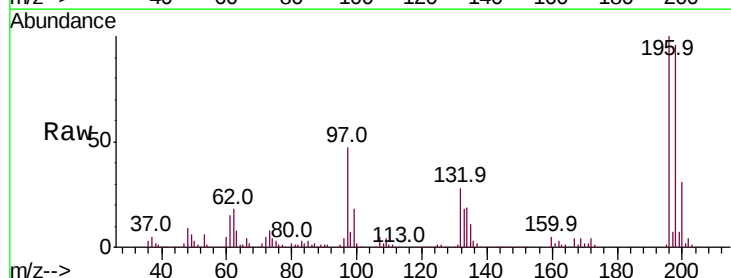
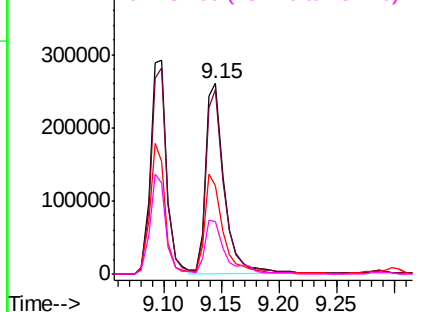
Abundance

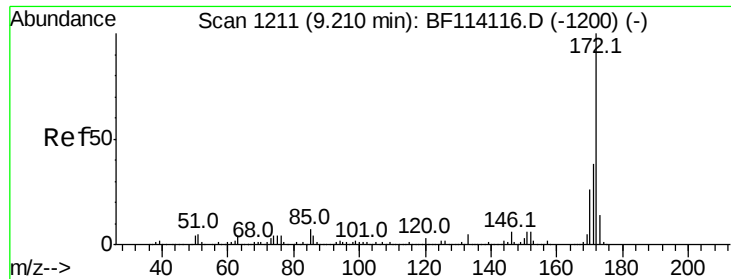
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

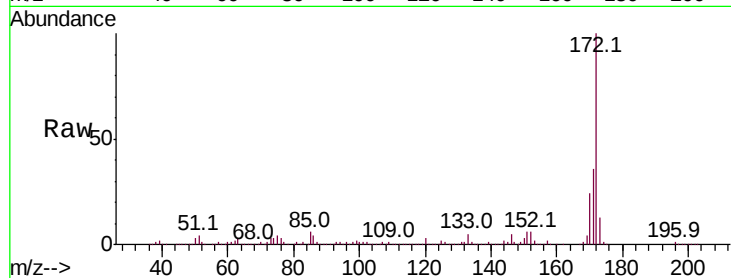




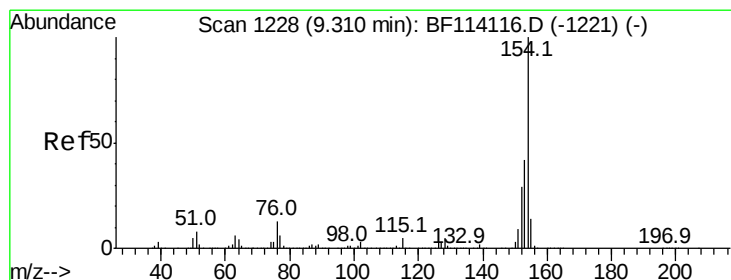
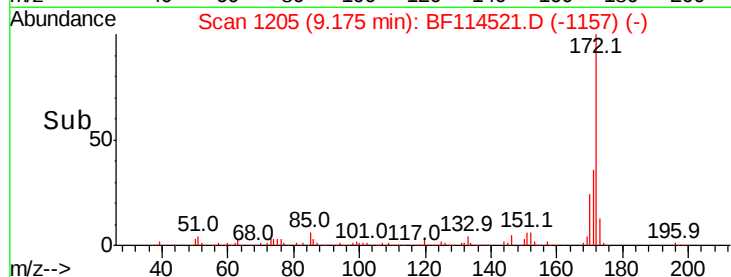
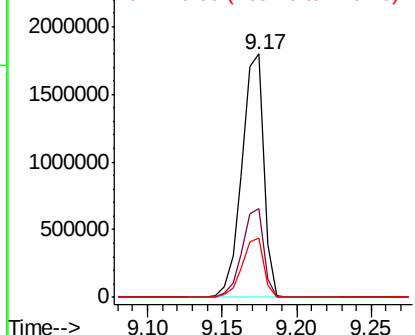
#45
2-Fluorobiphenyl
Concen: 77.222 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1838938
Ion Ratio Lower Upper
172 100
171 36.5 30.7 46.1
170 24.3 20.5 30.7

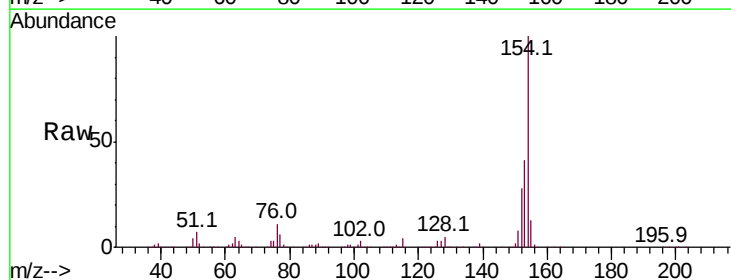


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

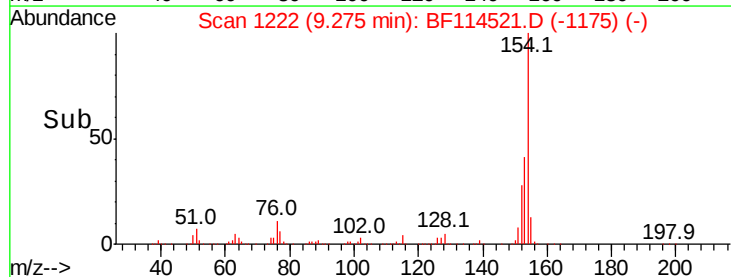
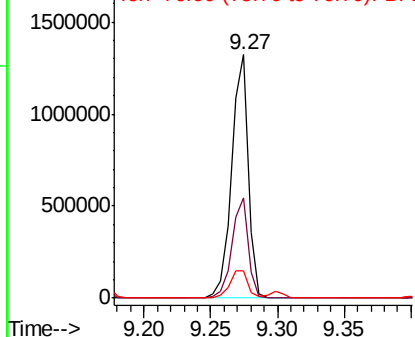


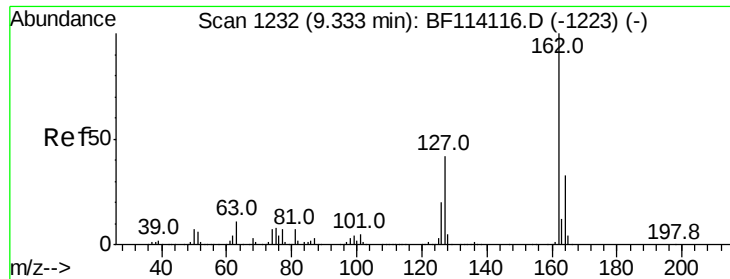
#46
1,1'-Biphenyl
Concen: 40.141 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Tgt Ion:154 Resp: 1168136
Ion Ratio Lower Upper
154 100
153 41.2 21.9 61.9
76 11.3 0.0 32.8



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

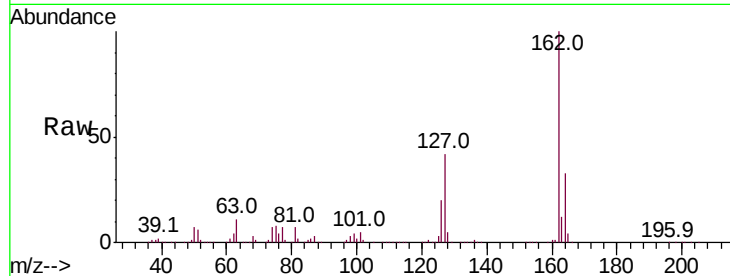




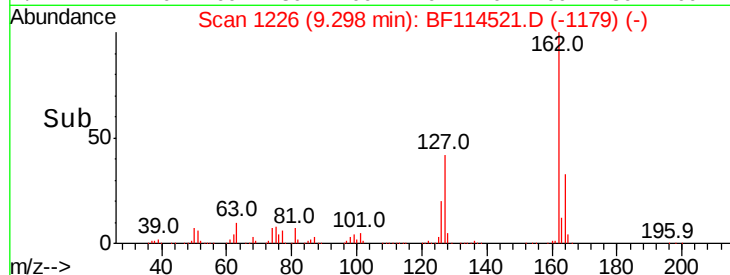
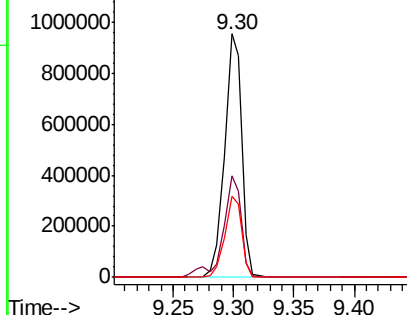
#47
 2-Chloronaphthalene
 Concen: 39.806 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.02 min
 Lab File: BF114521.D
 Acq: 23 May 2019 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	34.0	51.0
164	33.5	26.7	40.1

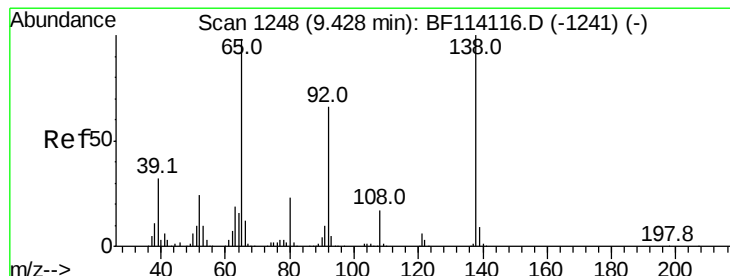


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

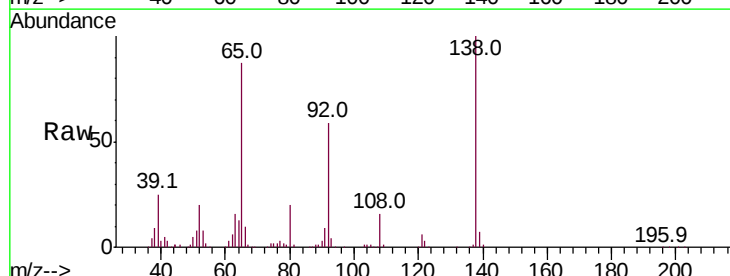
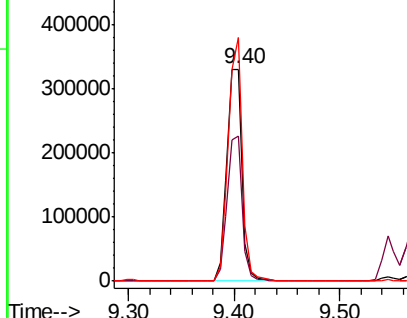


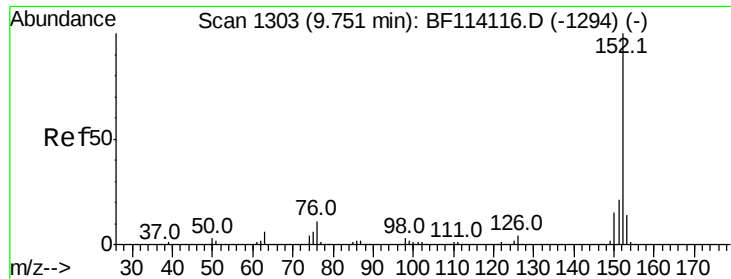
#48
 2-Nitroaniline
 Concen: 39.777 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BF114521.D
 Acq: 23 May 2019 12:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	53.9	80.9
138	115.0	81.4	122.0



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





#49

Acenaphthylene

Concen: 39.789 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Instrument :

BNA_F

ClientSampleId :

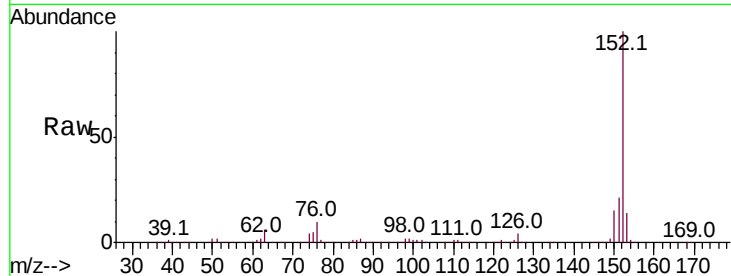
Tot Ion:152 Resp: 1417296

Ion Ratio Lower Upper

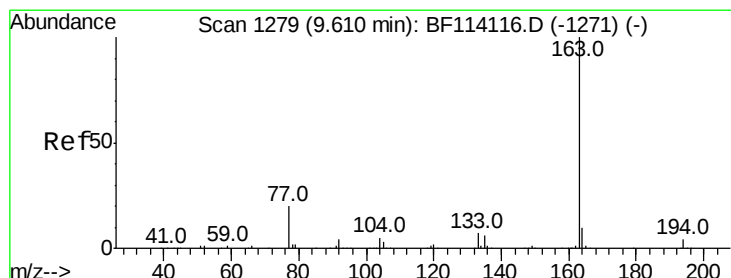
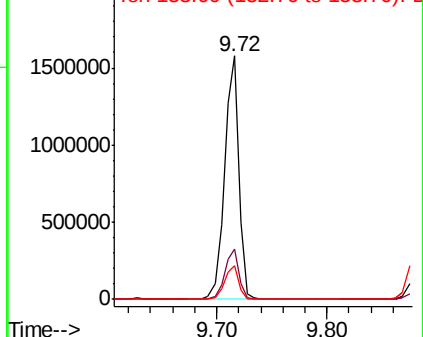
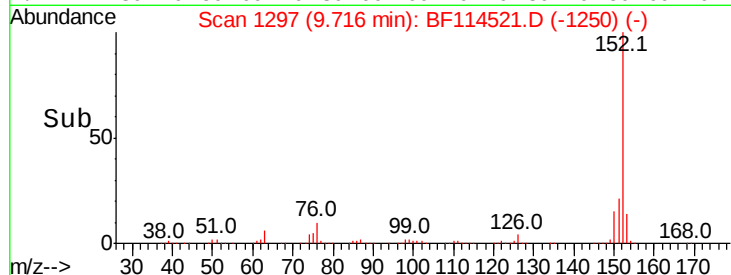
152 100

151 20.7 16.8 25.2

153 13.6 11.4 17.2



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: 40.251 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

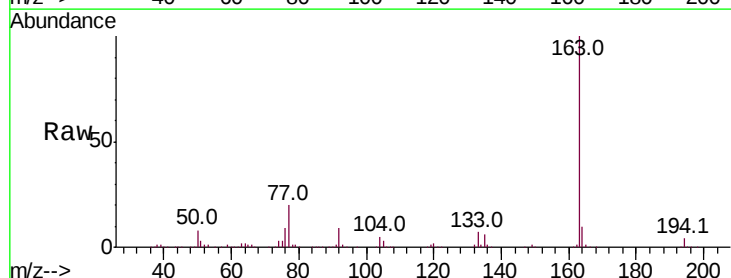
Tgt Ion:163 Resp: 1064377

Ion Ratio Lower Upper

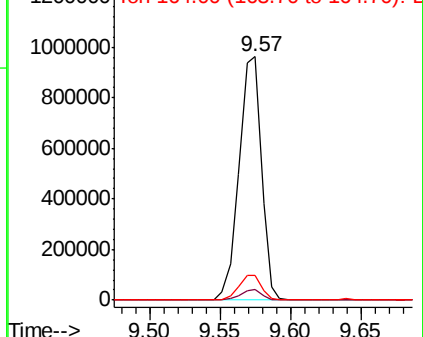
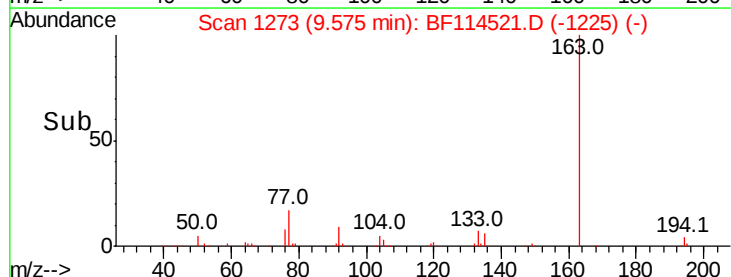
163 100

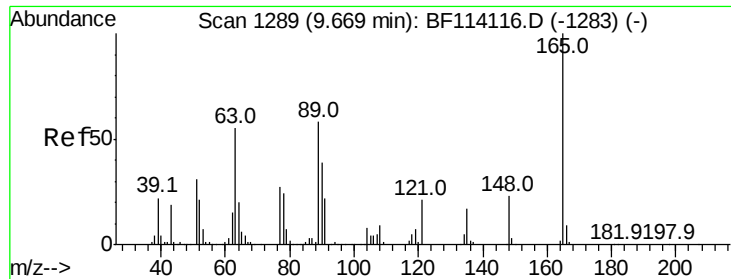
194 4.2 3.4 5.0

164 10.2 8.2 12.2



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

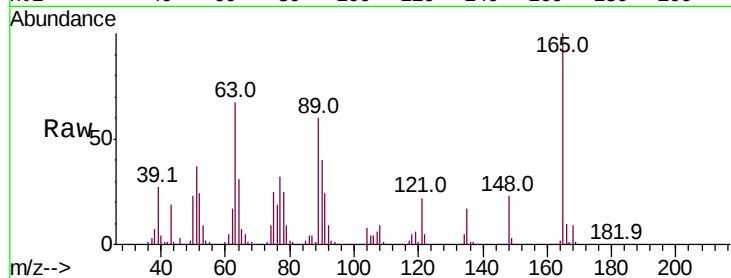




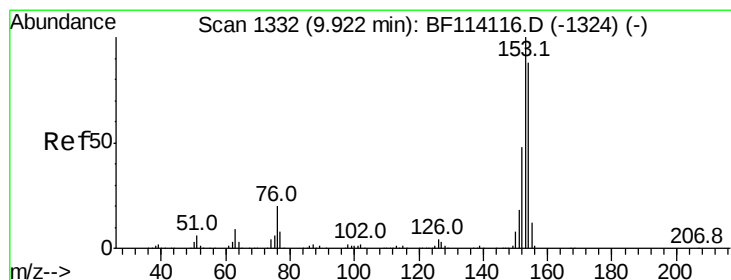
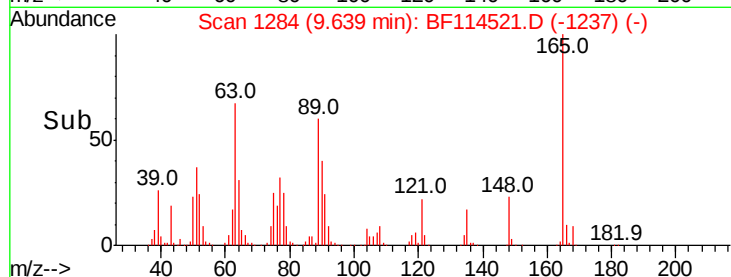
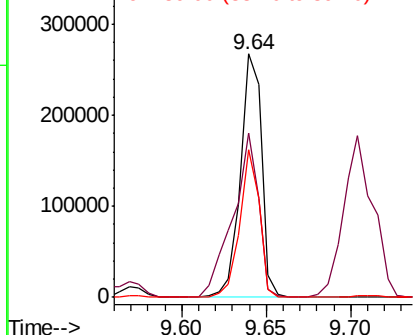
#51
2,6-Dinitrotoluene
Concen: 39.676 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 232708
Ion Ratio Lower Upper
165 100
63 67.4 50.2 75.4
89 60.5 46.6 69.8

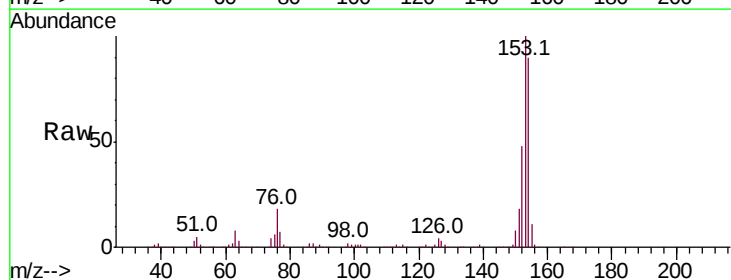


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

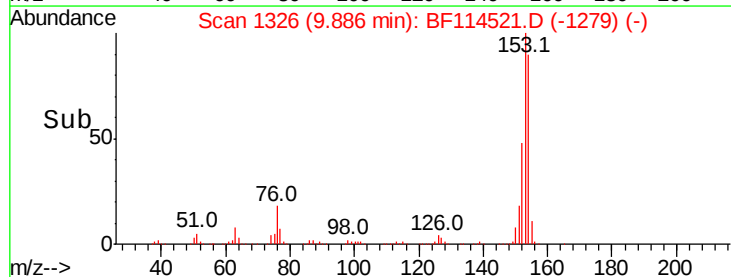
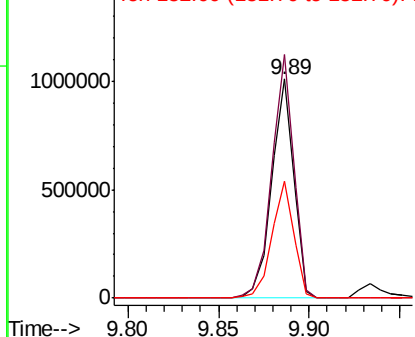


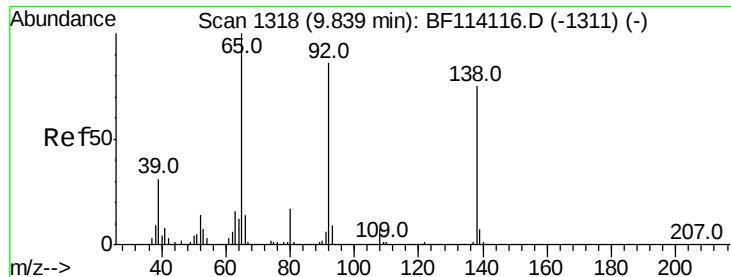
#52
Acenaphthene
Concen: 39.056 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Tgt Ion:154 Resp: 853698
Ion Ratio Lower Upper
154 100
153 111.3 90.5 135.7
152 53.2 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

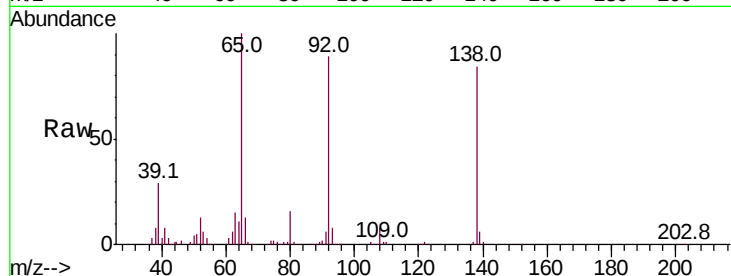




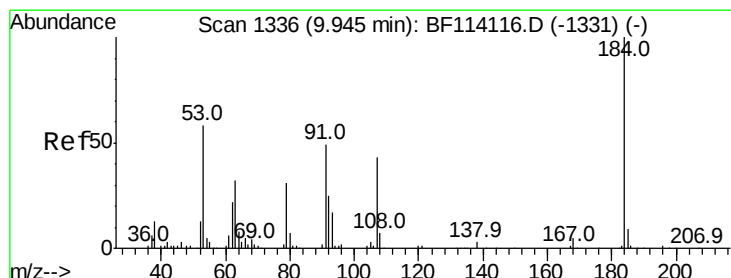
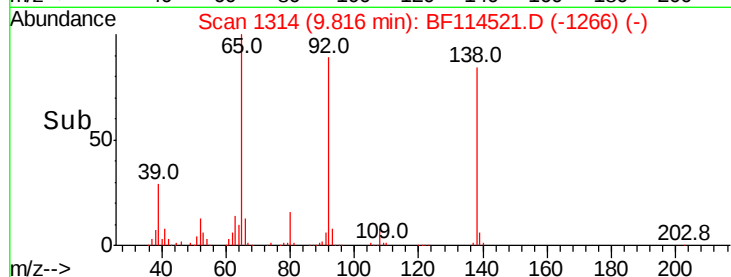
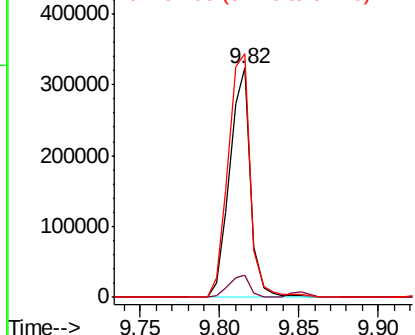
#53
3-Nitroaniline
Concen: 40.738 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 296600
Ion Ratio Lower Upper
138 100
108 9.4 7.8 11.6
92 106.3 91.2 136.8

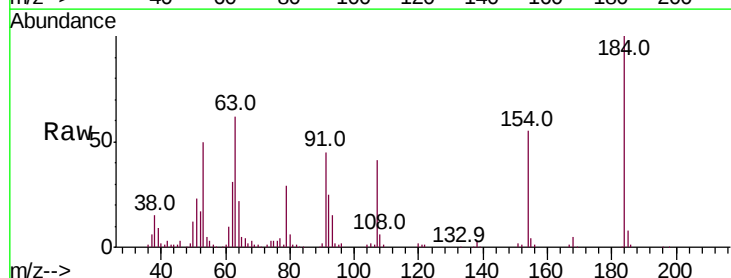


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

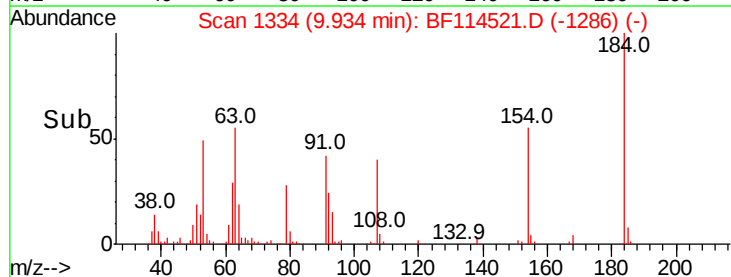
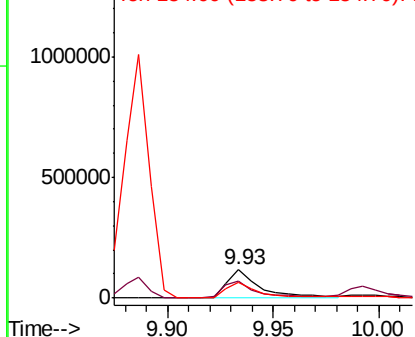


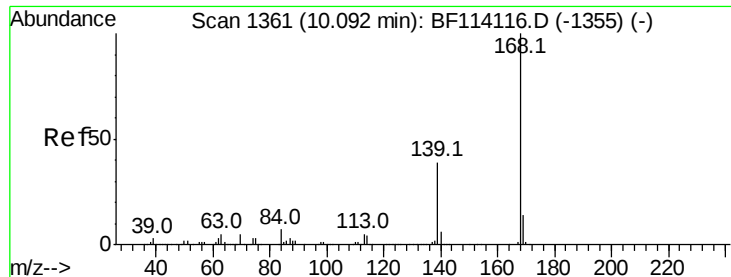
#54
2,4-Dinitrophenol
Concen: 46.694 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Tgt Ion:184 Resp: 128666
Ion Ratio Lower Upper
184 100
63 62.3 55.6 83.4
154 54.8 46.0 69.0



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





#55

Dibenzofuran

Concen: 37.770 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Instrument :

BNA_F

ClientSampleId :

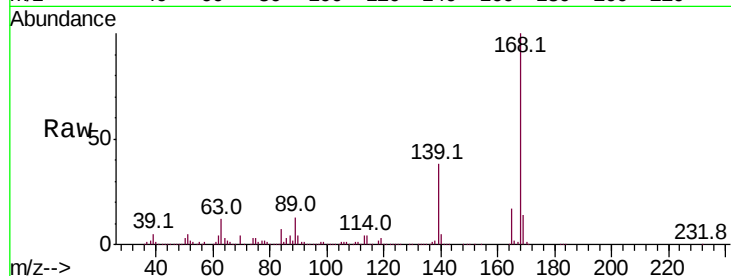
Tot Ion:168 Resp: 1210617

Ion	Ratio	Lower	Upper
168	100		
139	37.8	31.1	46.7
169	13.7	11.4	17.0

168 100

139 37.8 31.1 46.7

169 13.7 11.4 17.0

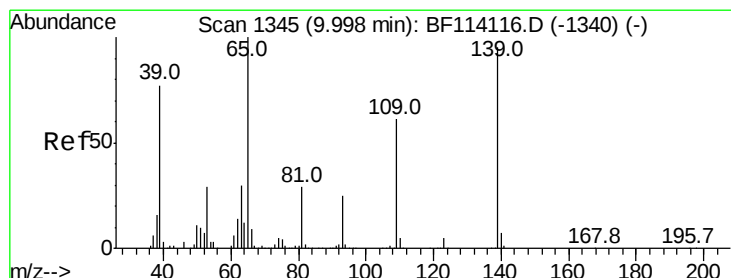
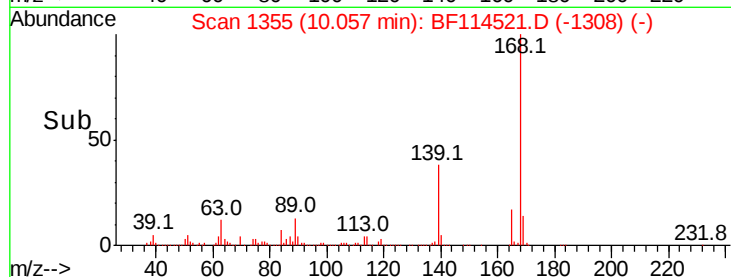
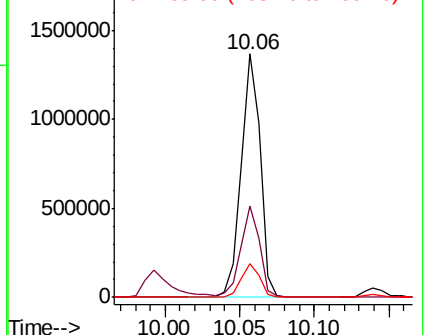


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 36.328 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

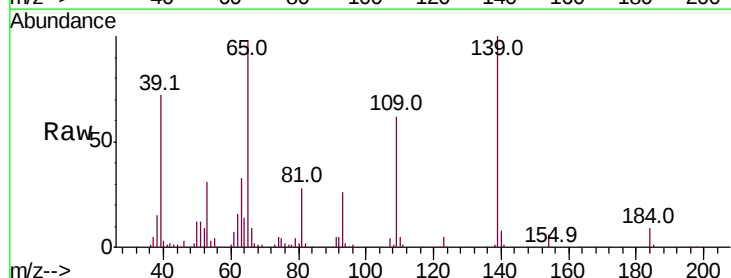
Tgt Ion:139 Resp: 187046

Ion	Ratio	Lower	Upper
139	100		
109	61.5	43.9	83.9
65	97.6	85.7	125.7

139 100

109 61.5 43.9 83.9

65 97.6 85.7 125.7

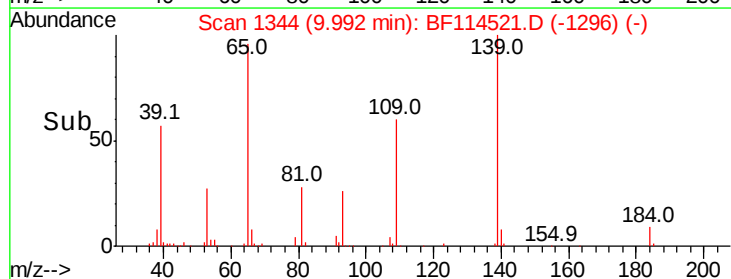
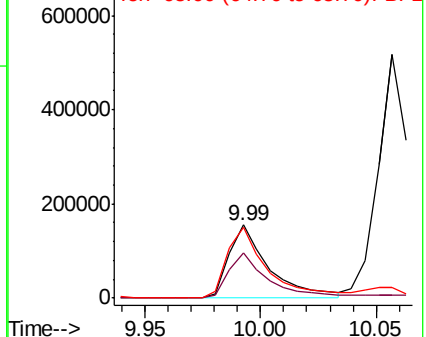


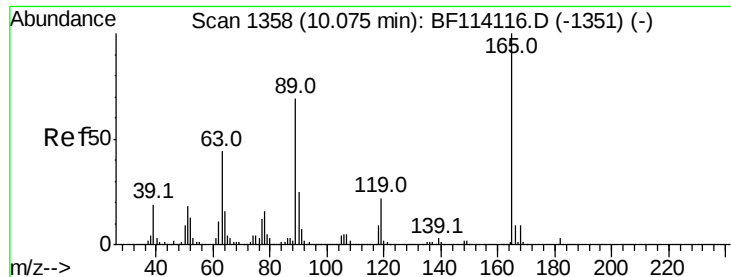
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 36.813 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.02 min

Lab File: BF114521.D

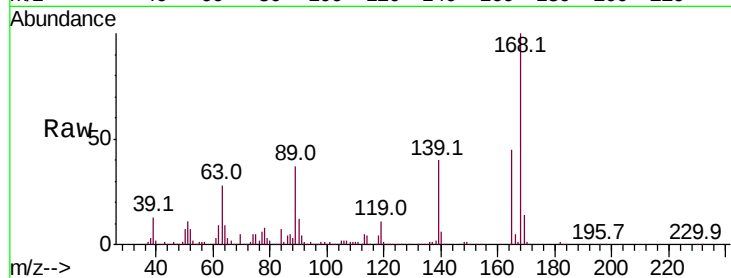
Acq: 23 May 2019 12:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:165	Resp:	293056
Ion Ratio	Lower	Upper
165	100	
63	61.7	35.5 53.3#
89	81.4	55.2 82.8
182	2.4	2.2 3.2

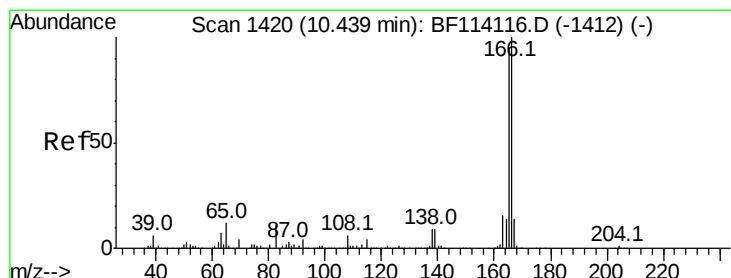
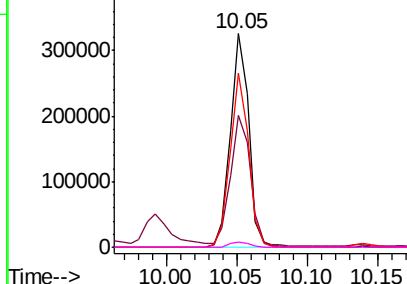
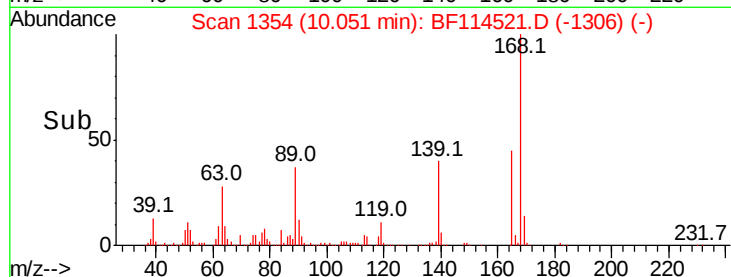


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.482 ng

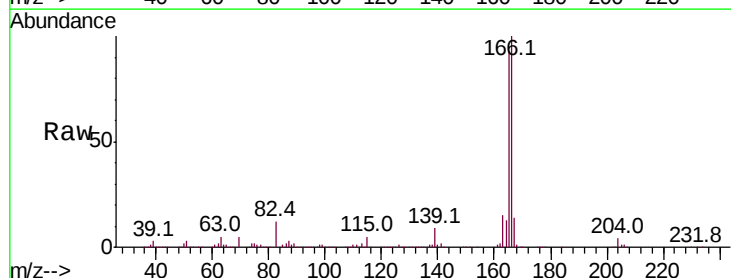
RT: 10.40 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

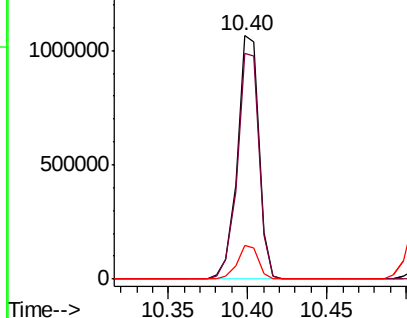
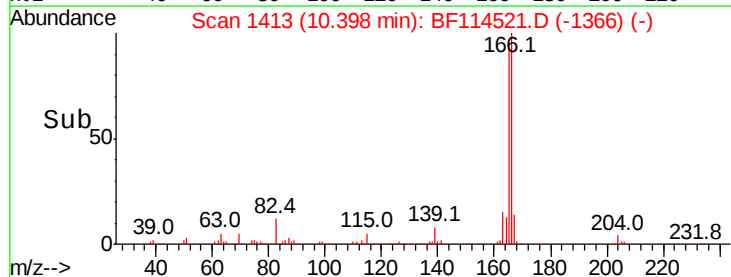
Tgt Ion:166	Resp:	1002220
Ion Ratio	Lower	Upper
166	100	
165	92.5	76.1 114.1
167	13.7	11.1 16.7

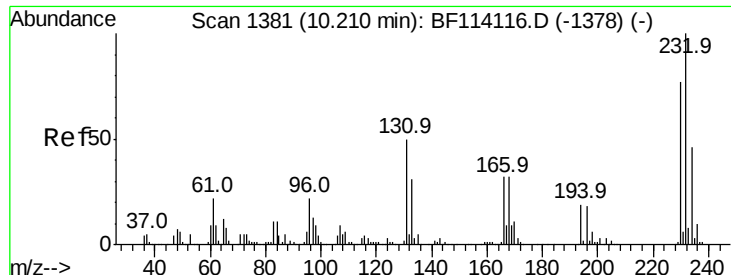


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

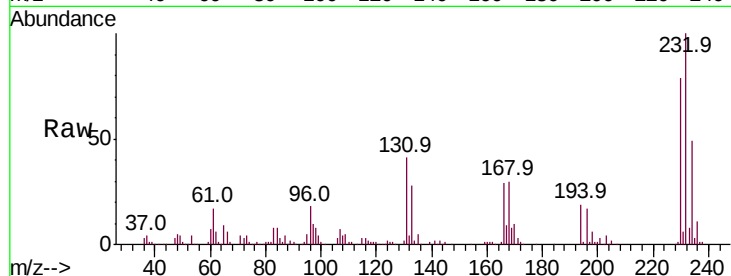




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.694 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.5	35.6	53.4
130	2.3	1.6	2.4
166	31.2	24.1	36.1



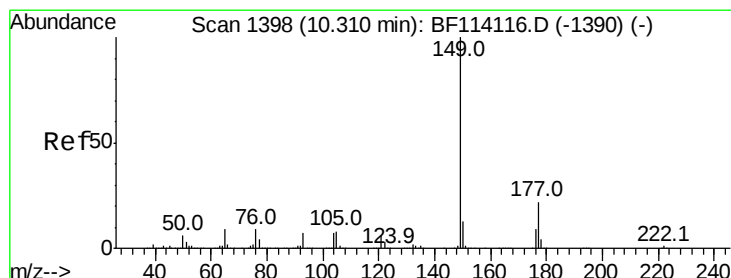
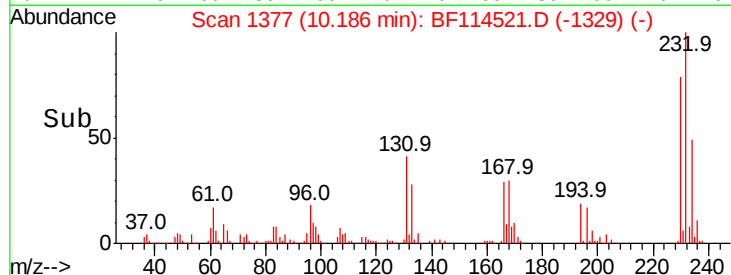
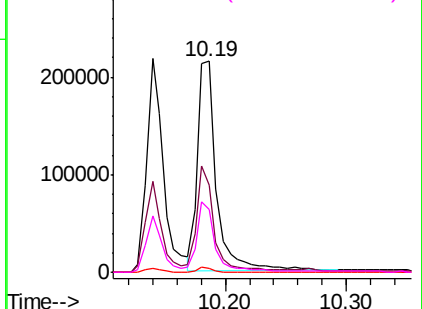
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

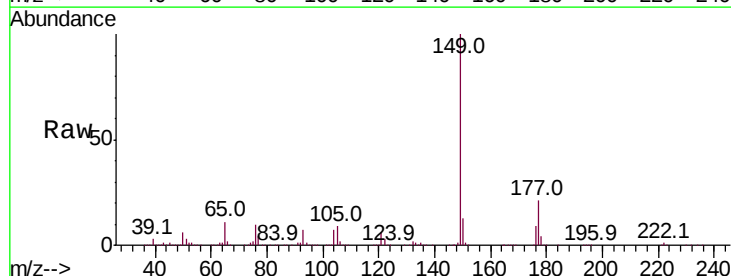
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.509 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.8	26.6
150	12.7	10.2	15.2

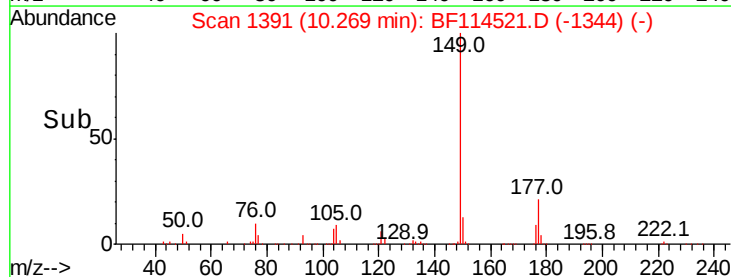
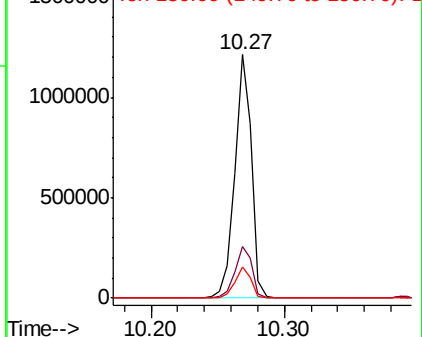


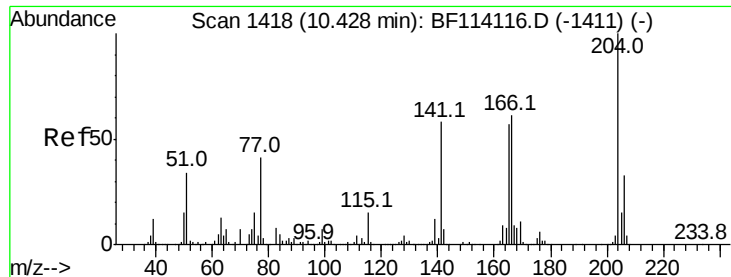
Abundance

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

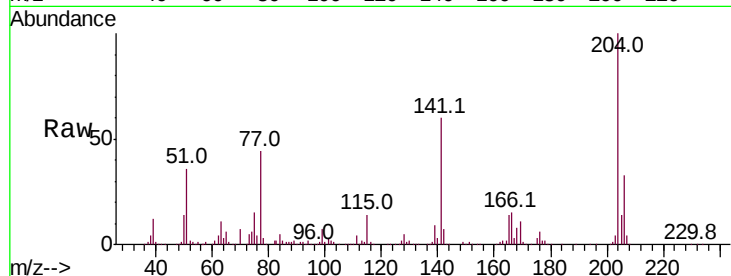




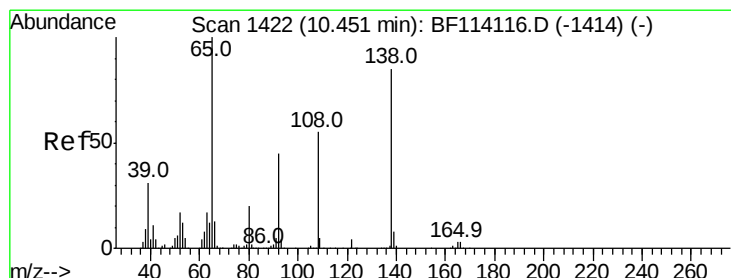
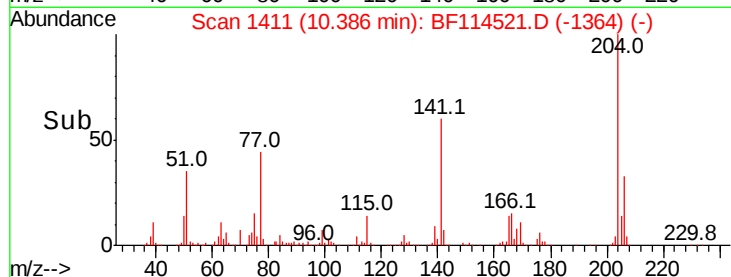
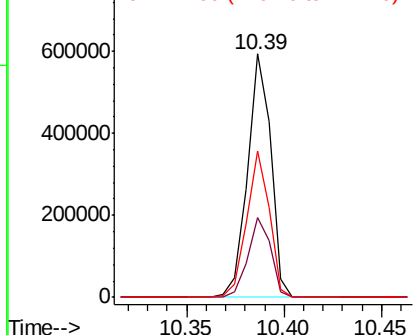
#61
4-Chlorophenyl-phenylether
Concen: 40.375 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	60.1	46.4	69.6

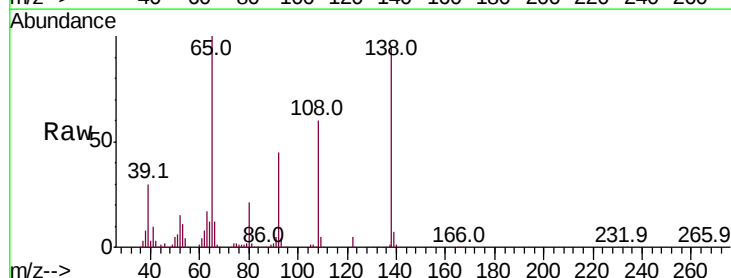


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

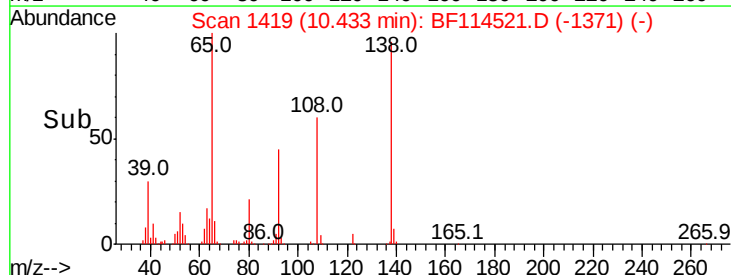
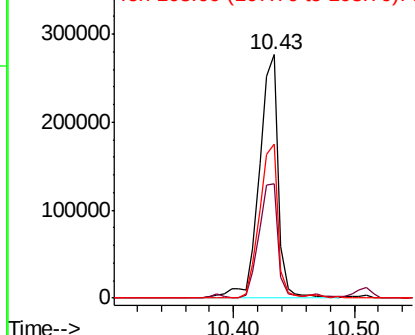


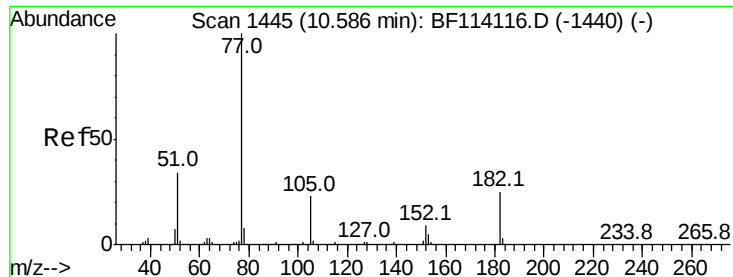
#62
4-Nitroaniline
Concen: 40.138 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	33.0	73.0
108	63.0	44.9	84.9



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





#63

Azobenzene

Concen: 38.570 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1003085

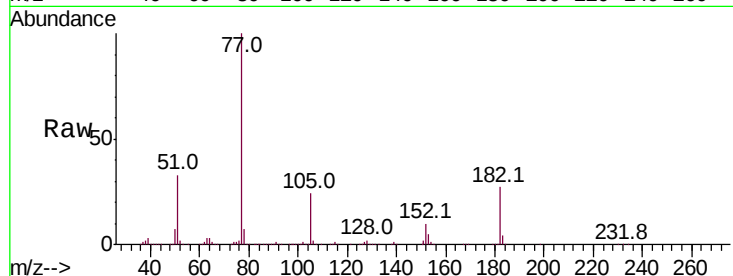
Ion Ratio Lower Upper

77 100

182 27.0 4.7 44.7

105 23.6 2.9 42.9

51 33.0 14.6 54.6

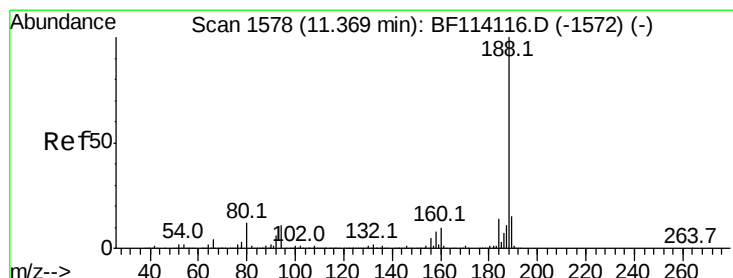
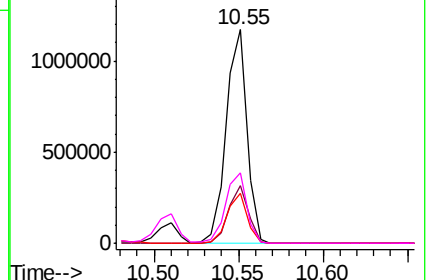
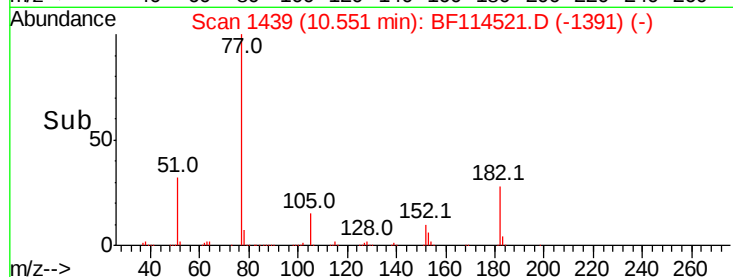


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.34 min Scan# 1573

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

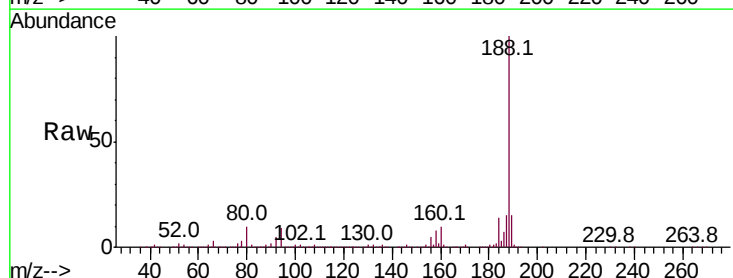
Tgt Ion: 188 Resp: 712708

Ion Ratio Lower Upper

188 100

94 9.1 8.4 12.6

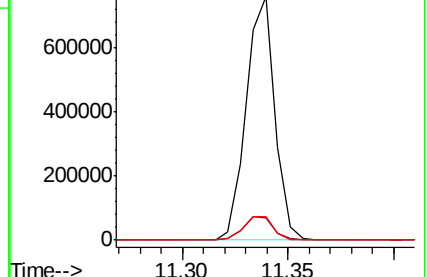
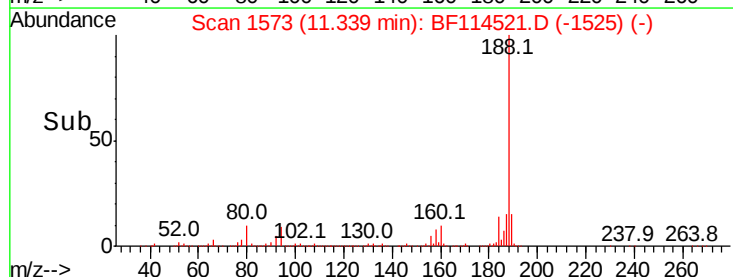
80 9.6 9.2 13.8

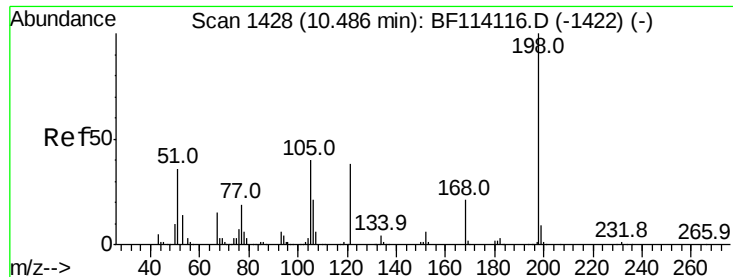


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

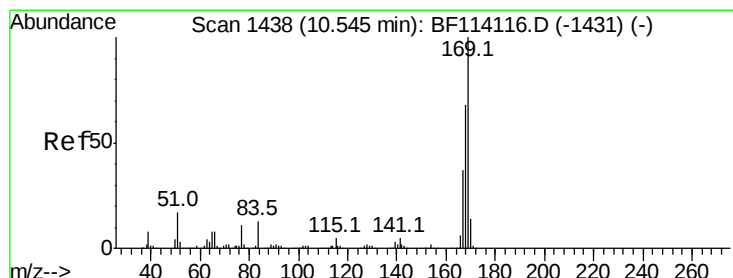
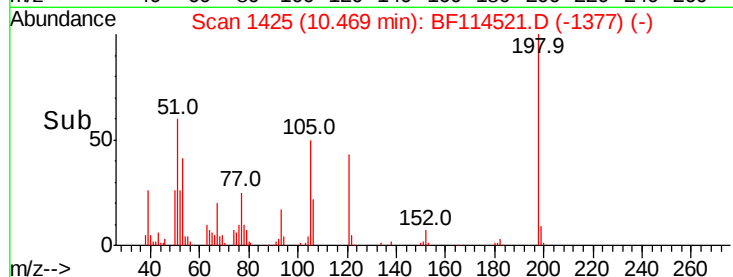
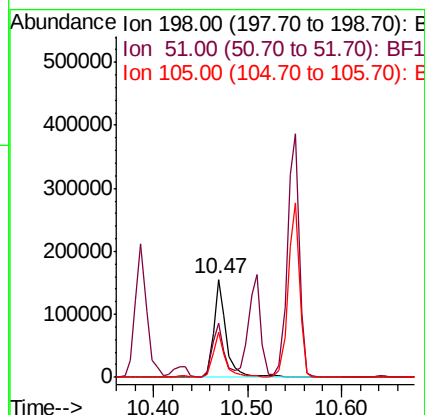
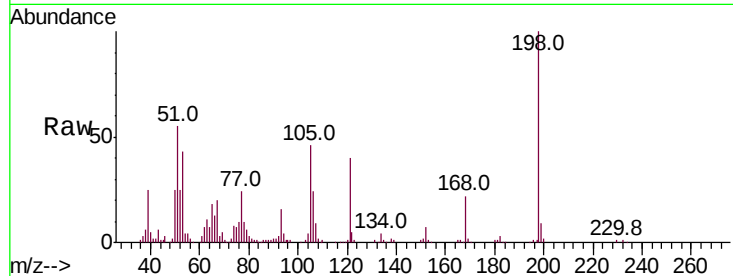




#65
4,6-Dinitro-2-methylphenol
Concen: 42.968 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

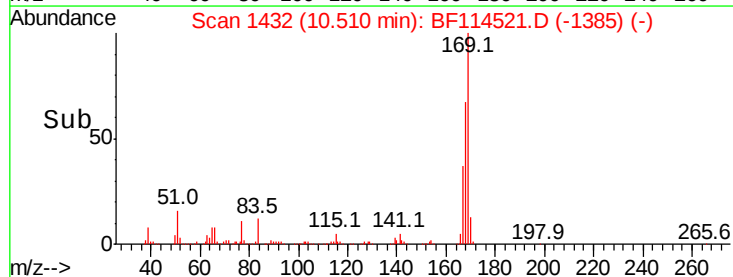
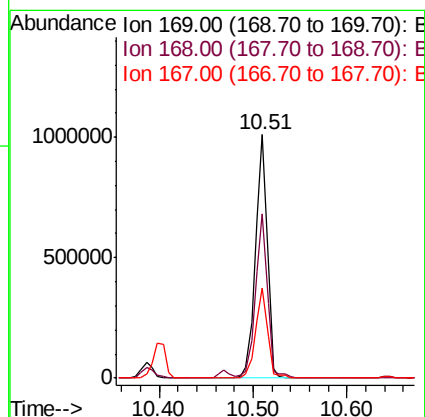
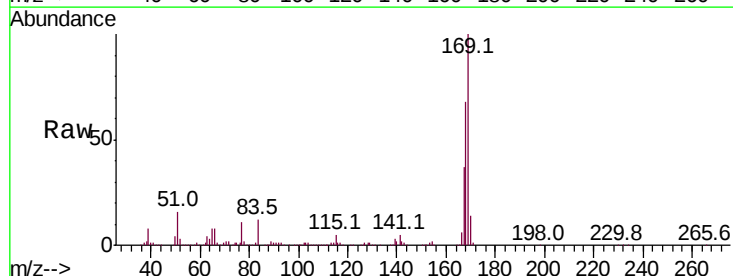
Instrument :
BNA_F
ClientSampleId :

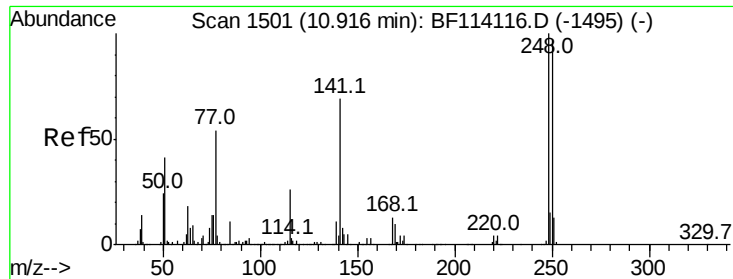
Tot Ion	Ratio	Lower	Upper
198	100		
51	55.4	28.0	68.0
105	46.0	21.1	61.1



#66
n-Nitrosodiphenylamine
Concen: 40.704 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.2	81.2
167	36.9	29.8	44.8

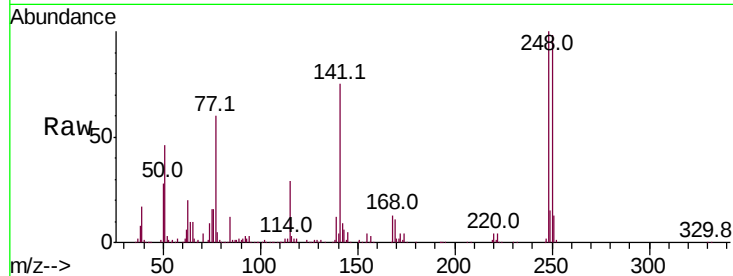




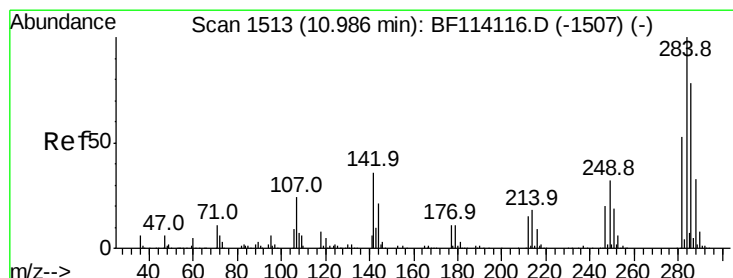
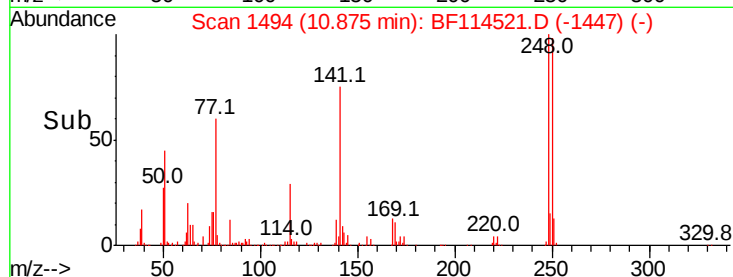
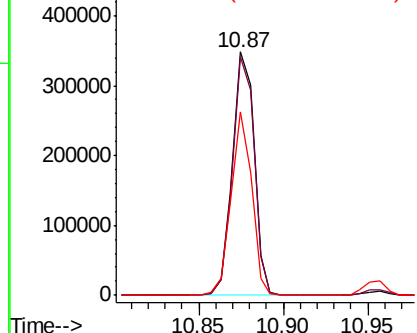
#67
4-Bromophenyl-phenylether
Concen: 39.894 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 313061
Ion Ratio Lower Upper
248 100
250 98.1 77.4 116.2
141 75.3 55.6 83.4

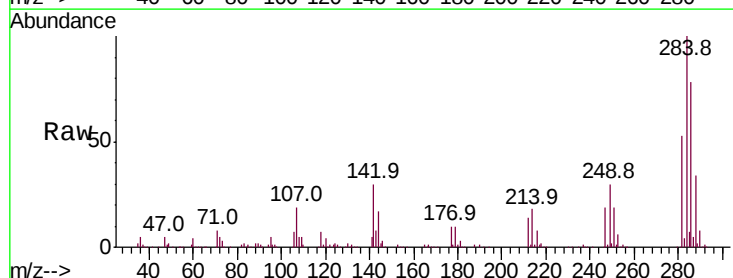


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

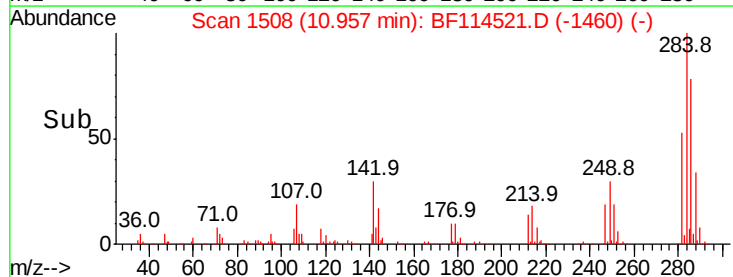
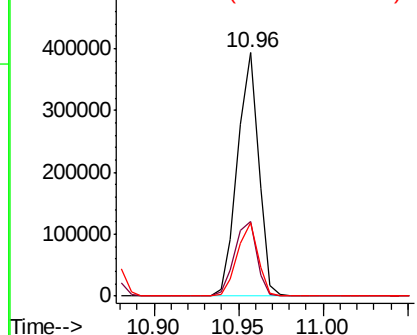


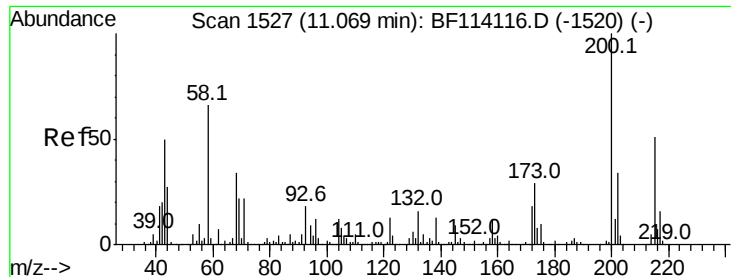
#68
Hexachlorobenzene
Concen: 39.601 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Tgt Ion:284 Resp: 343786
Ion Ratio Lower Upper
284 100
142 30.5 28.4 42.6
249 29.9 25.2 37.8



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

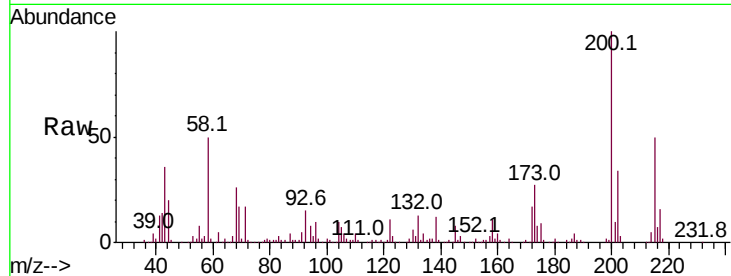




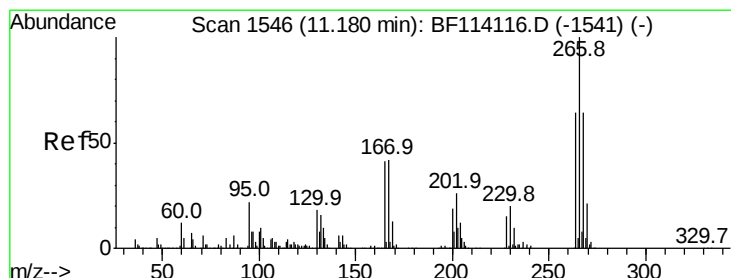
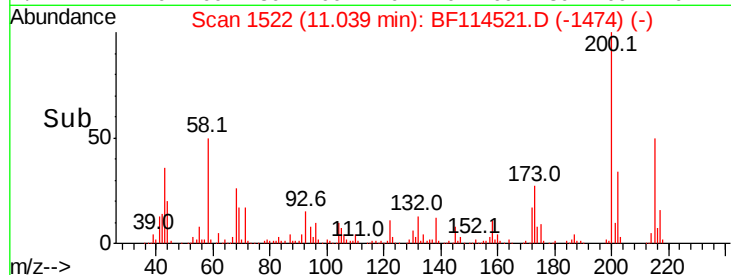
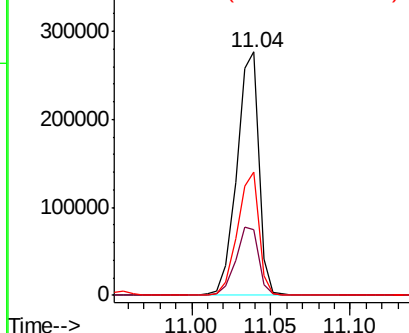
#69
Atrazine
Concen: 39.421 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	8.9	48.9
215	50.5	30.7	70.7

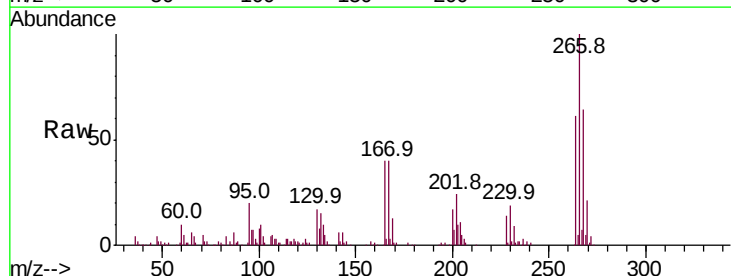


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

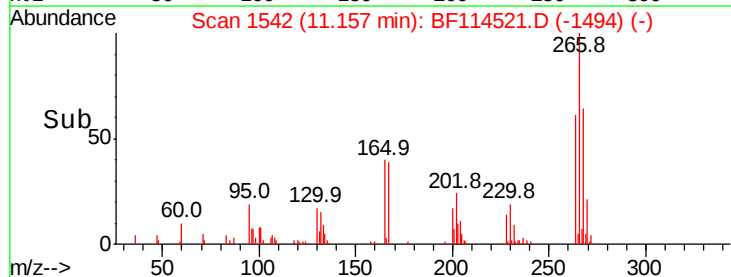
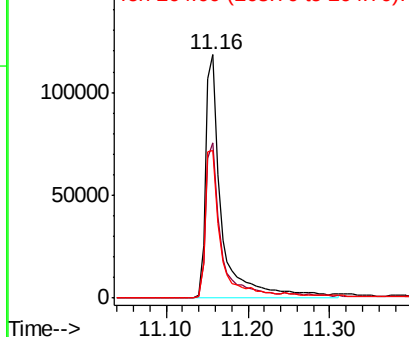


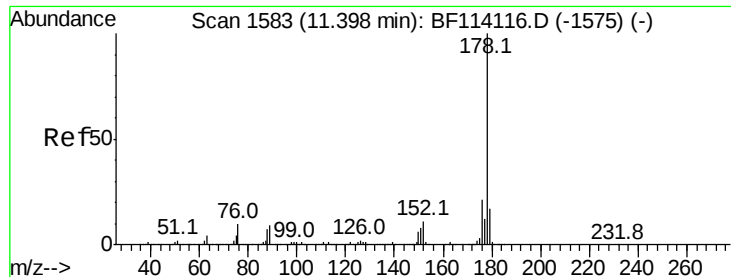
#70
Pentachlorophenol
Concen: 39.343 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	60.6	51.1	76.7



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

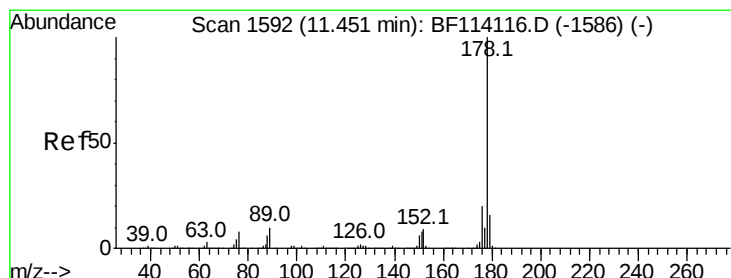
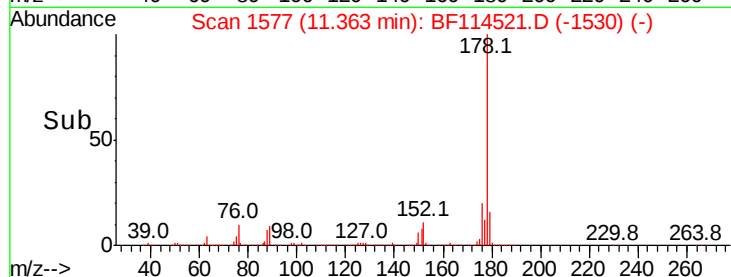
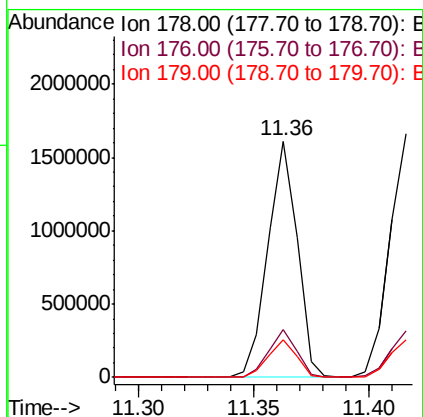
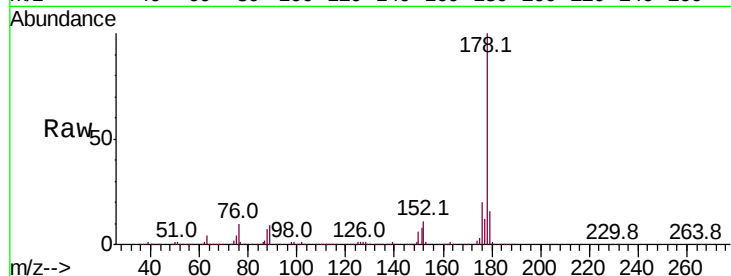




#71
Phenanthrene
Concen: 41.122 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

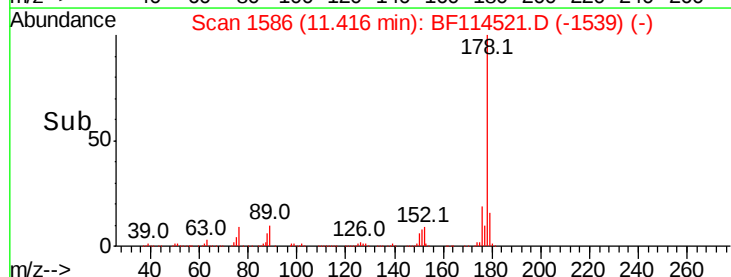
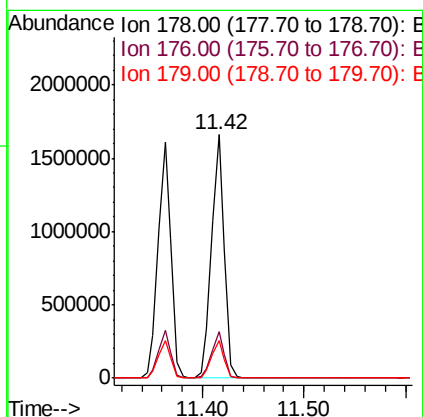
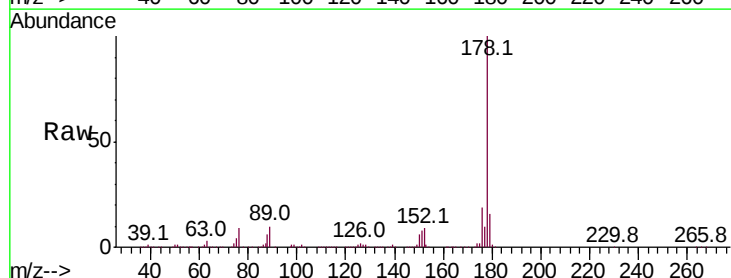
Instrument :
BNA_F
ClientSampleId :

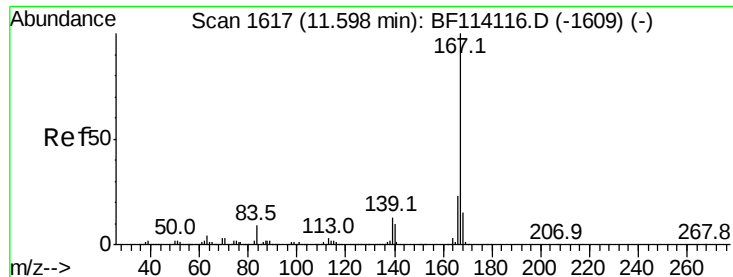
Tot Ion:178 Resp: 1425882
Ion Ratio Lower Upper
178 100
176 20.0 16.4 24.6
179 16.1 13.2 19.8



#72
Anthracene
Concen: 41.747 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Tgt Ion:178 Resp: 1453944
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.8
179 15.6 13.0 19.4





#73

Carbazole

Concen: 41.605 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Instrument :

BNA_F

ClientSampleId :

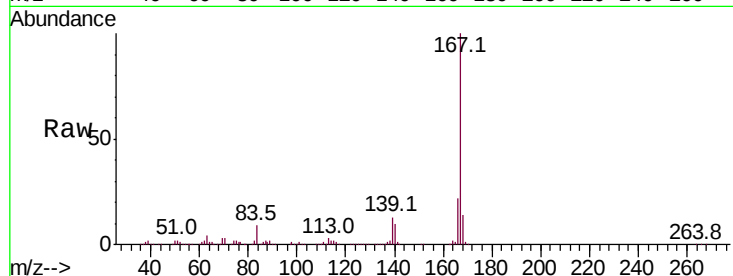
Tot Ion:167 Resp: 1381750

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

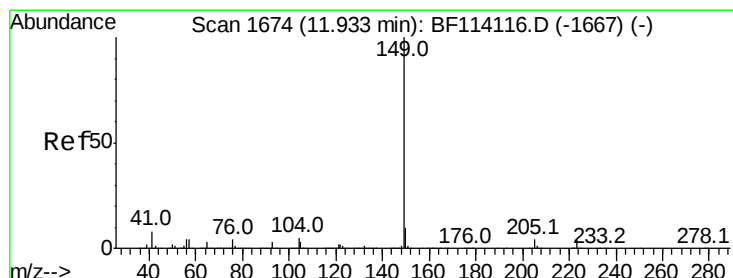
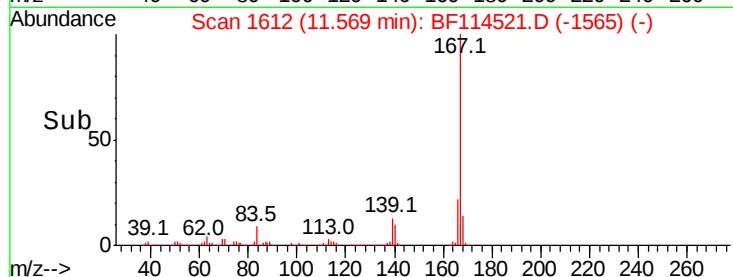
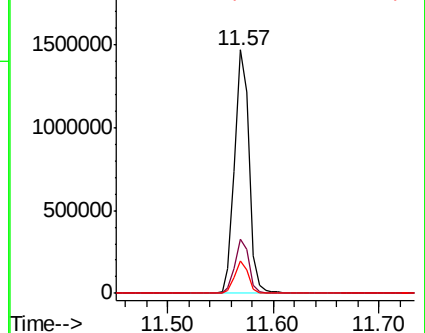
139 13.1 10.6 16.0



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: 42.893 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

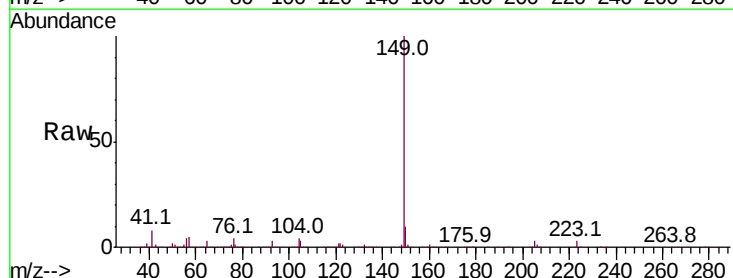
Tgt Ion:149 Resp: 1641176

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

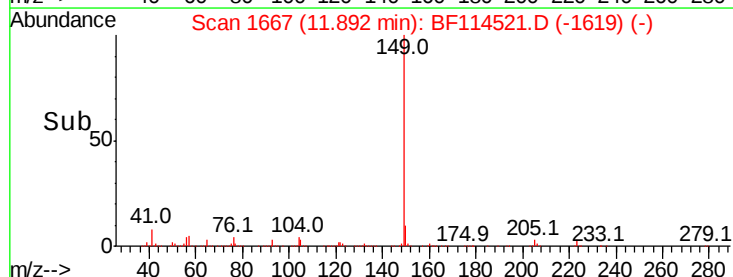
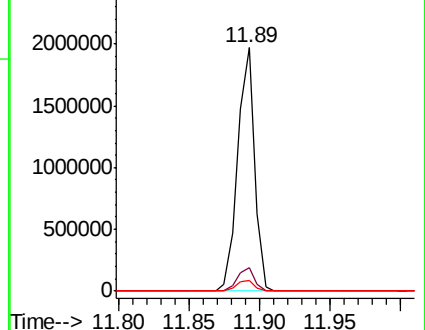
104 4.5 3.6 5.4

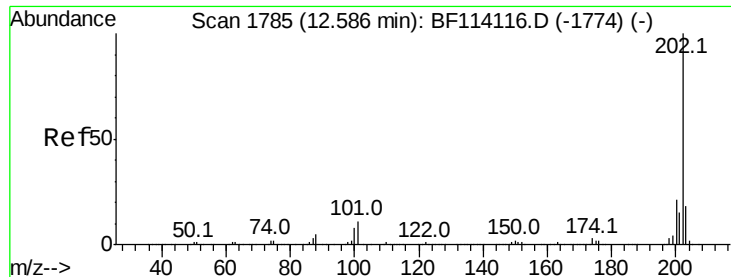


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

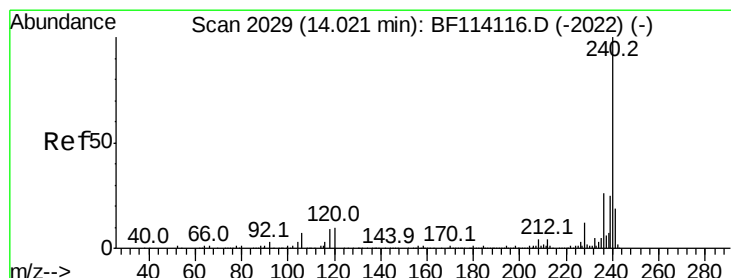
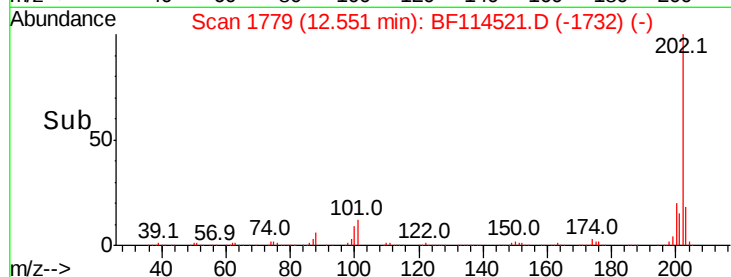
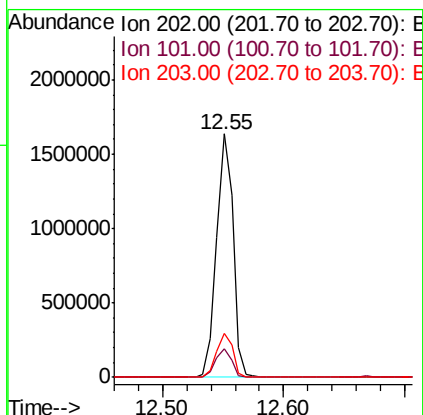
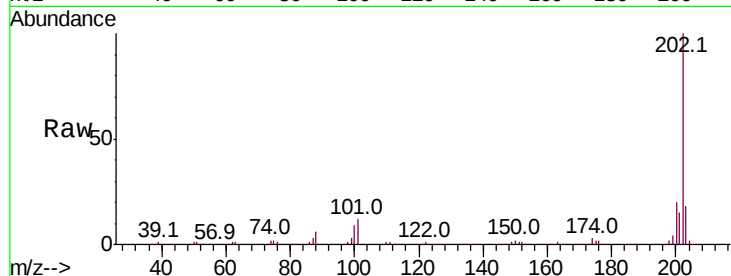




#75
 Fluoranthene
 Concen: 41.010 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.02 min
 Lab File: BF114521.D
 Acq: 23 May 2019 12:52

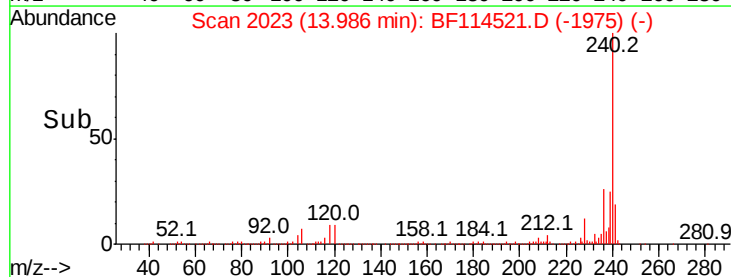
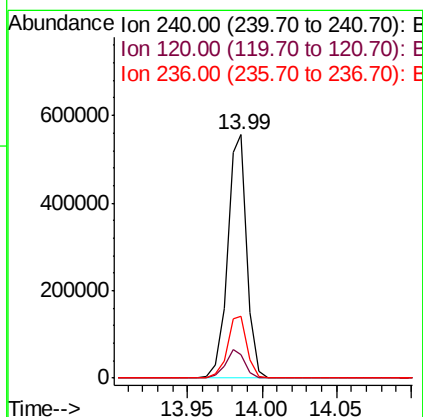
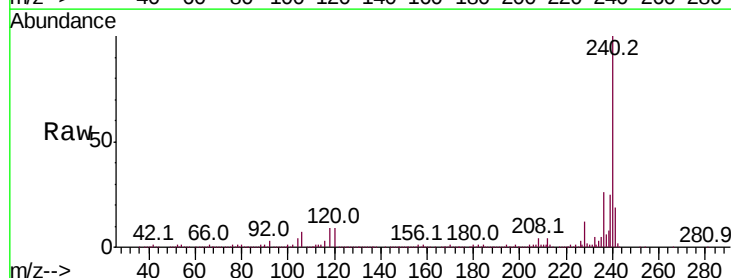
Instrument :
 BNA_F
 ClientSampleId :

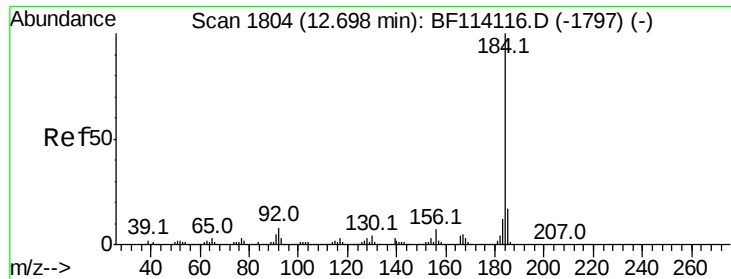
Tot Ion:202 Resp: 1531294
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 31.0
 203 18.1 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BF114521.D
 Acq: 23 May 2019 12:52

Tgt Ion:240 Resp: 507621
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.3 12.5
 236 25.5 20.8 31.2





#77

Benzidine

Concen: 40.309 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Instrument :

BNA_F

ClientSampled :

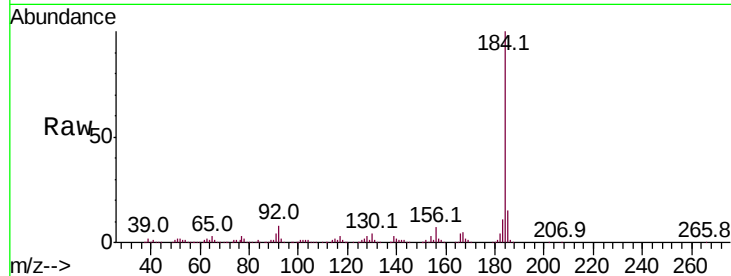
Tot Ion:184 Resp: 918492

Ion Ratio Lower Upper

184 100

185 15.0 13.6 20.4

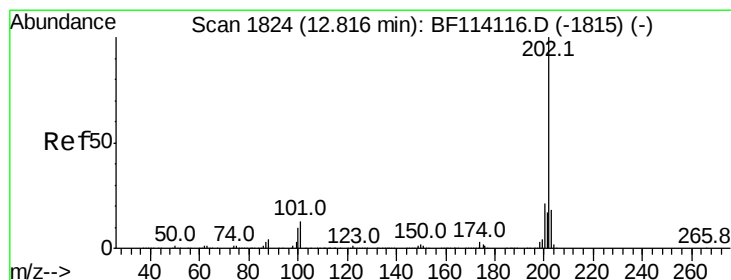
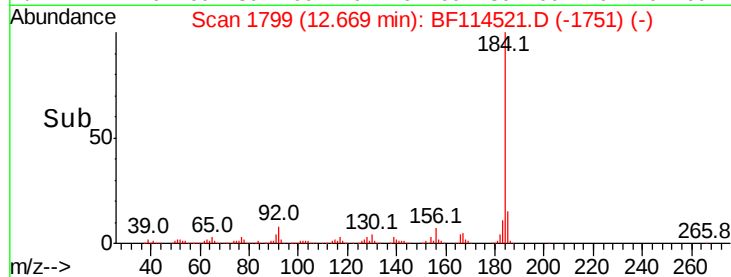
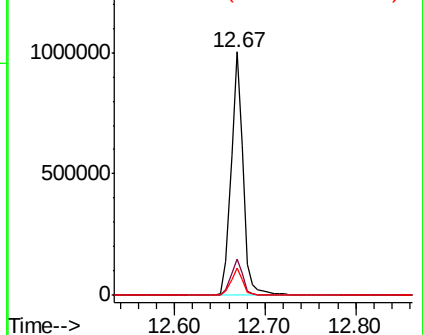
183 11.1 9.2 13.8



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: 38.385 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

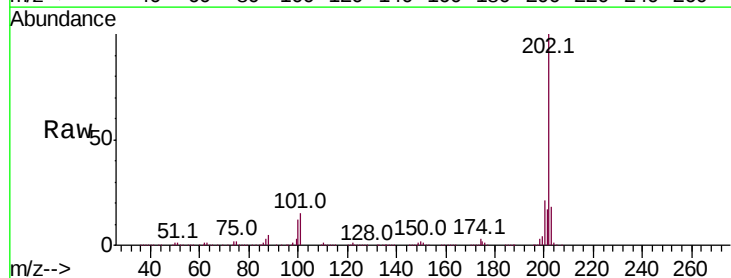
Tgt Ion:202 Resp: 1567463

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

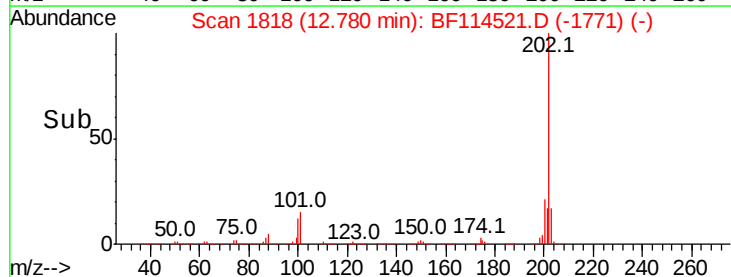
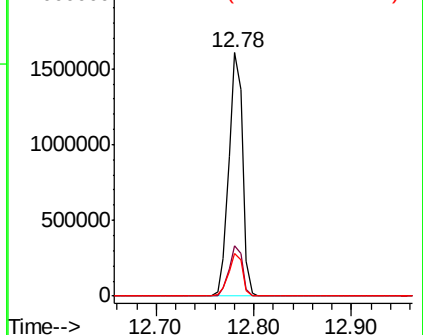
203 17.6 14.5 21.7

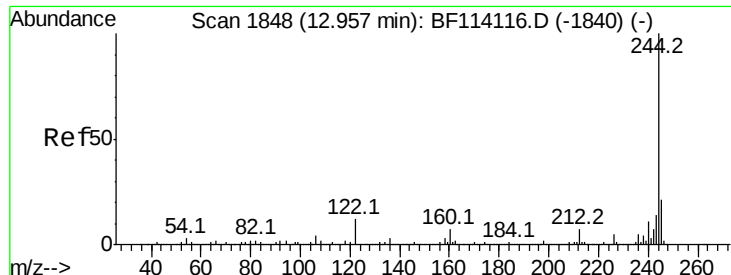


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

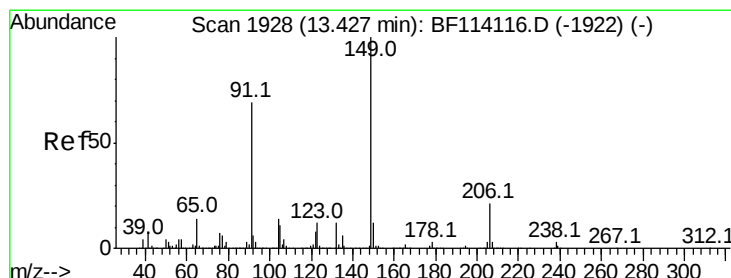
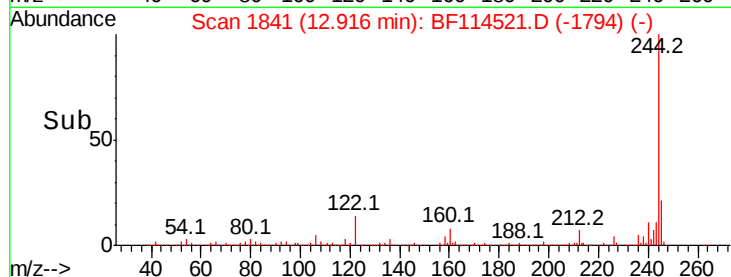
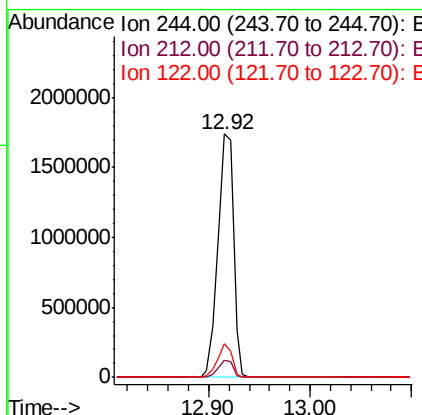
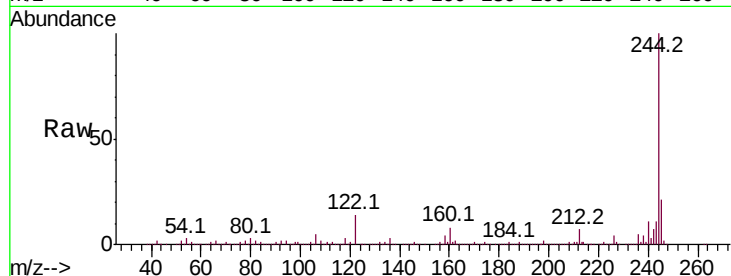




#79
 Terphenyl-d14
 Concen: 76.268 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.02 min
 Lab File: BF114521.D
 Acq: 23 May 2019 12:52

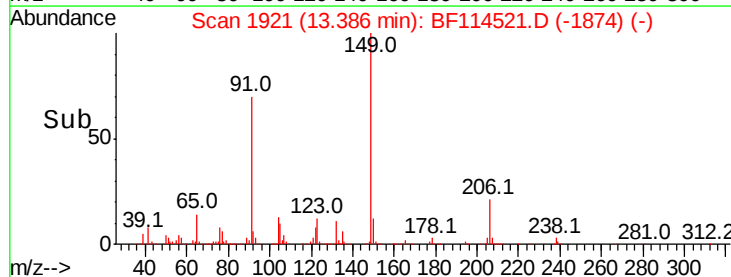
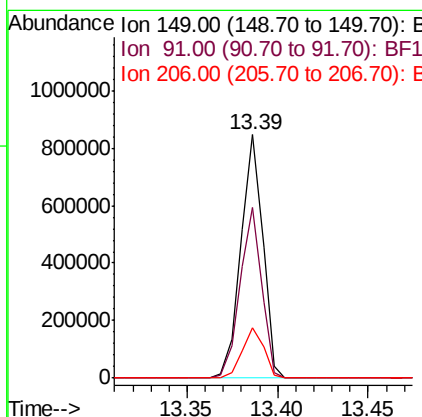
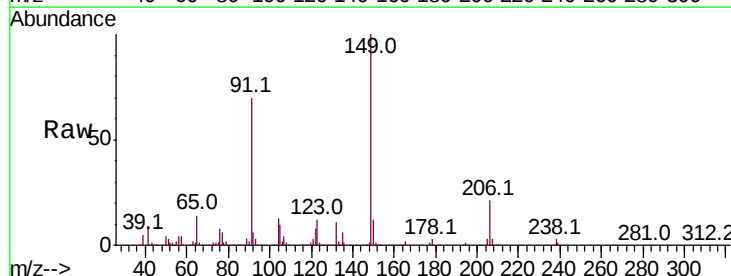
Instrument :
 BNA_F
 ClientSampleId :

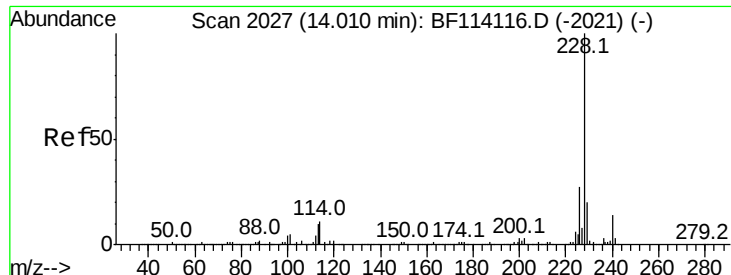
Tot Ion:244 Resp: 1878081
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 13.7 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 41.440 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.02 min
 Lab File: BF114521.D
 Acq: 23 May 2019 12:52

Tgt Ion:149 Resp: 712282
 Ion Ratio Lower Upper
 149 100
 91 70.1 55.0 82.4
 206 20.6 16.9 25.3





#81

Benzo(a)anthracene

Concen: 41.484 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

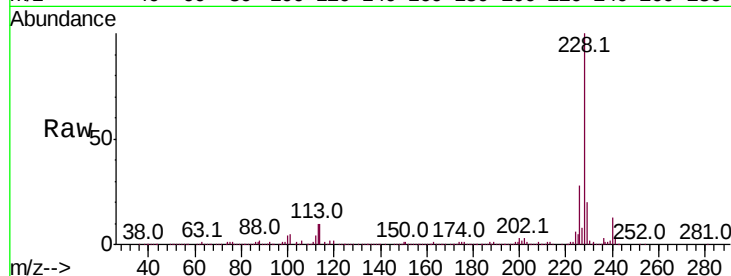
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1362024

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	20.3	16.4	24.6

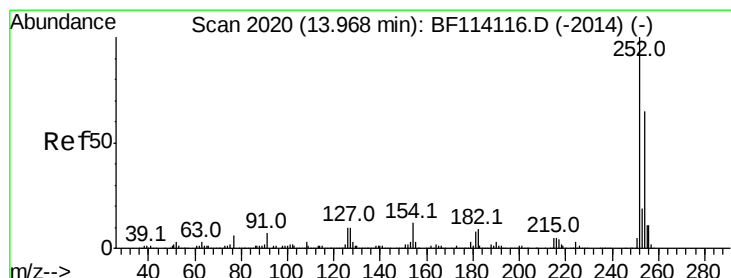
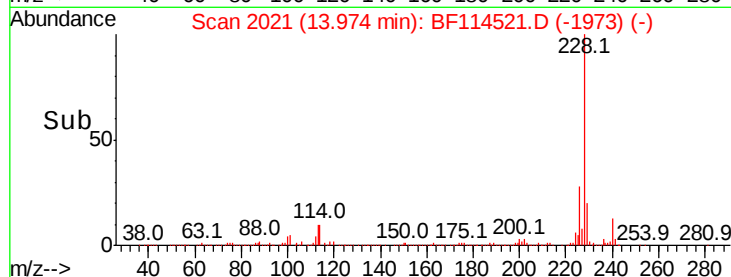
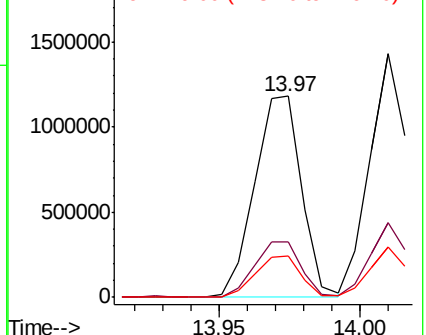


Abundance

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: 41.377 ng

RT: 13.93 min Scan# 2013

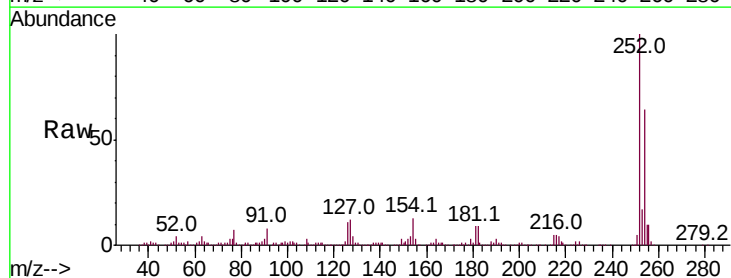
Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Tgt Ion:252 Resp: 527007

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.9	77.9
126	11.5	7.9	11.9

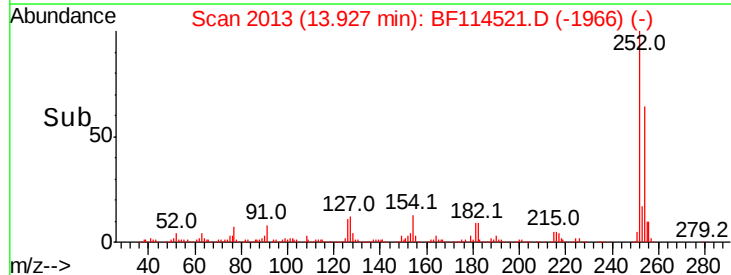
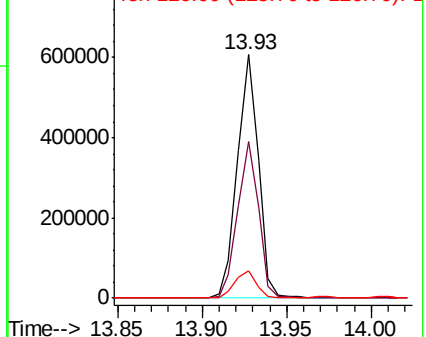


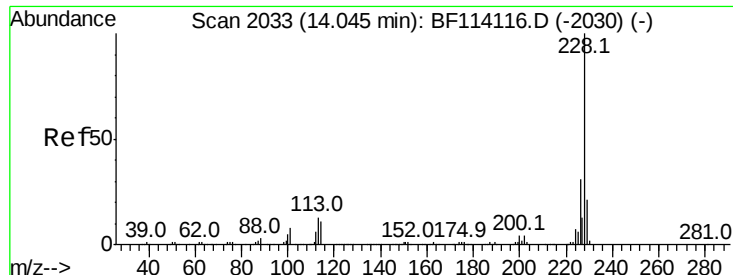
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.884 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

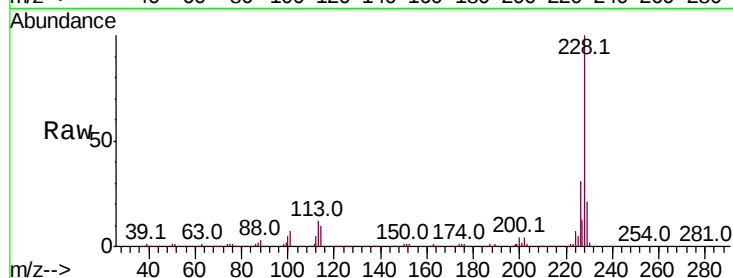
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1283687

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.6	17.0	25.6

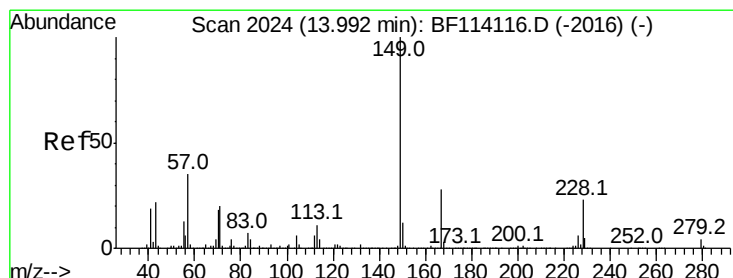
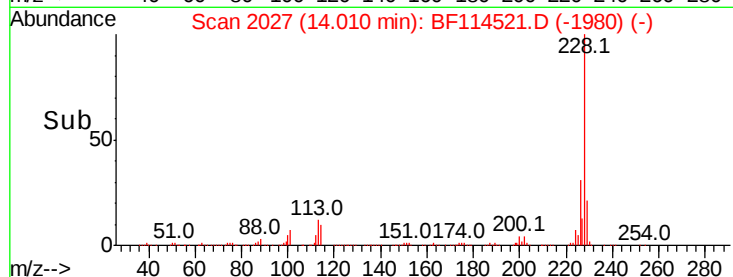
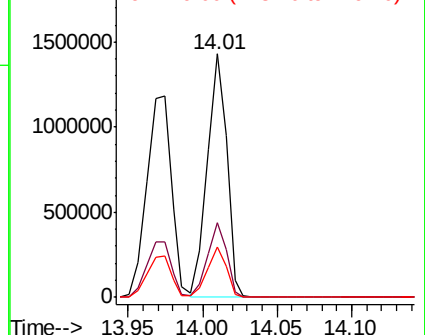


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.607 ng

RT: 13.95 min Scan# 2016

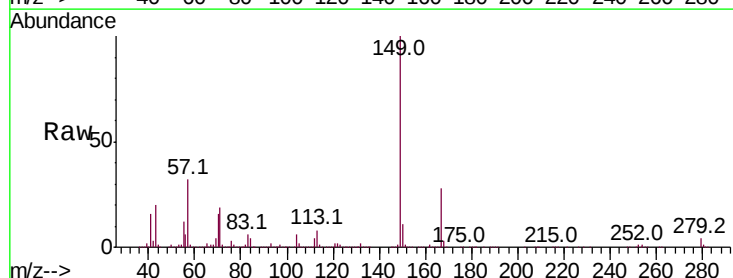
Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Tgt Ion:149 Resp: 980285

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.6	33.8
279	4.0	3.0	4.6

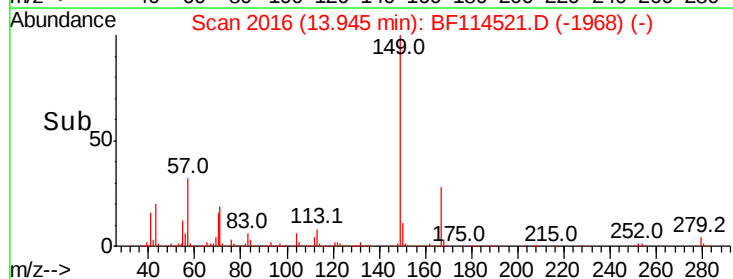
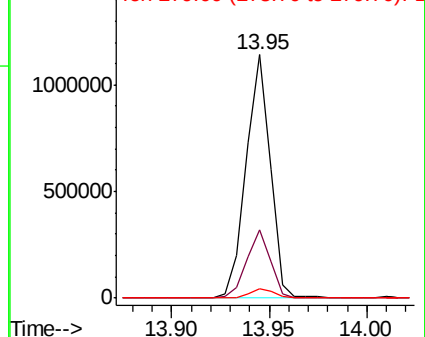


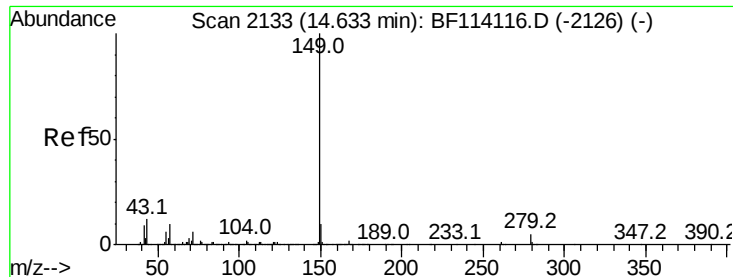
Abundance

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: 44.507 ng

RT: 14.56 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Instrument :

BNA_F

ClientSampleId :

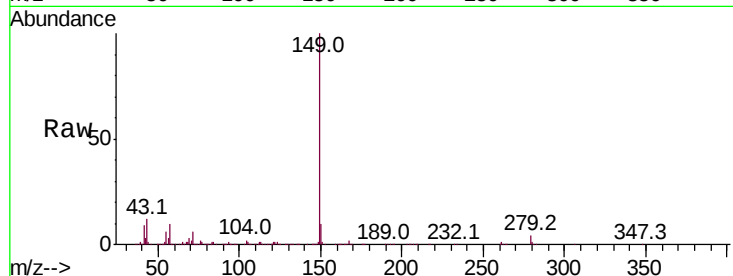
Tot Ion:149 Resp: 1621891

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

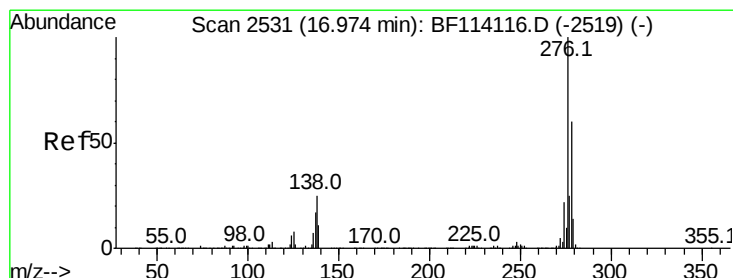
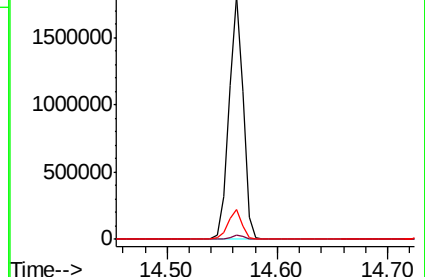
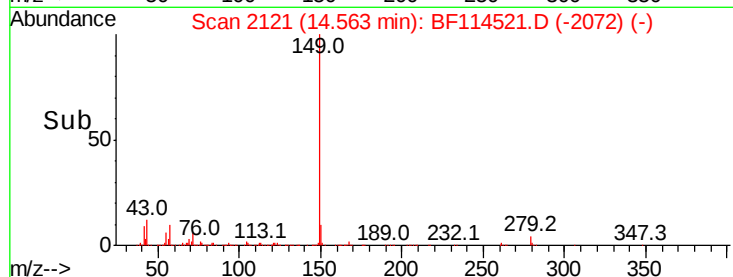
43 12.0 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.494 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

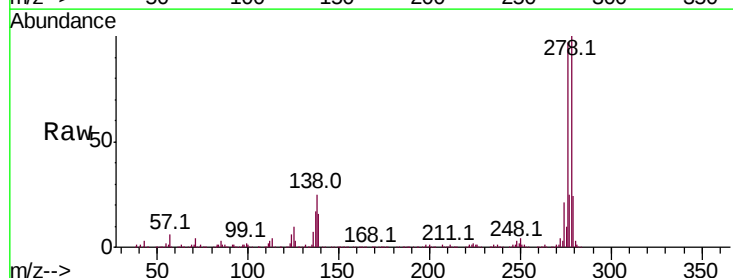
Tgt Ion:276 Resp: 1094941

Ion Ratio Lower Upper

276 100

138 24.8 20.2 30.2

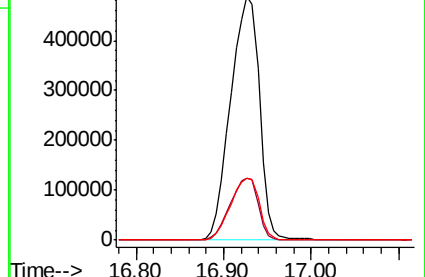
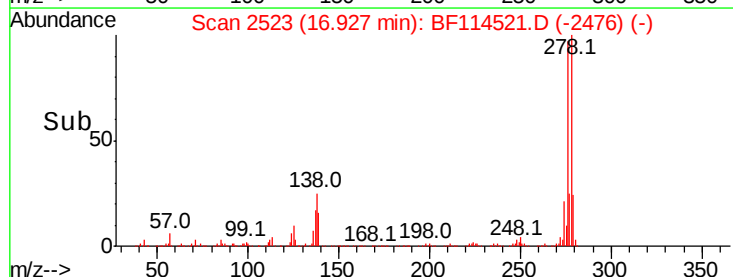
277 25.2 20.0 30.0

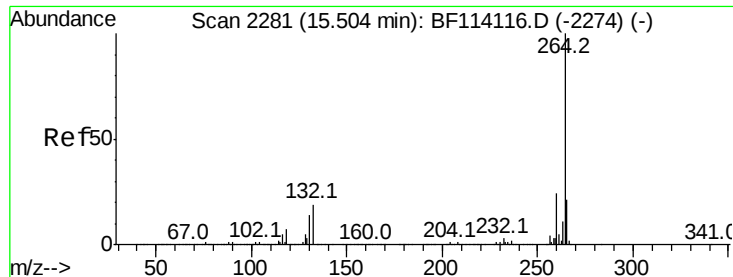


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

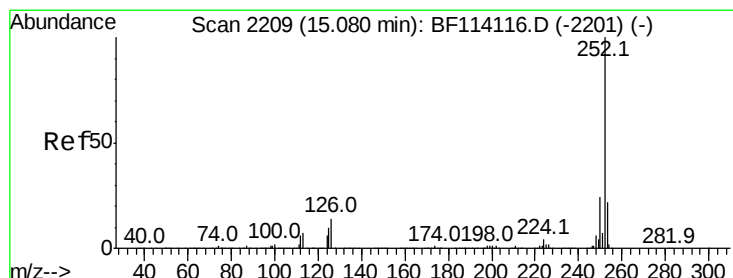
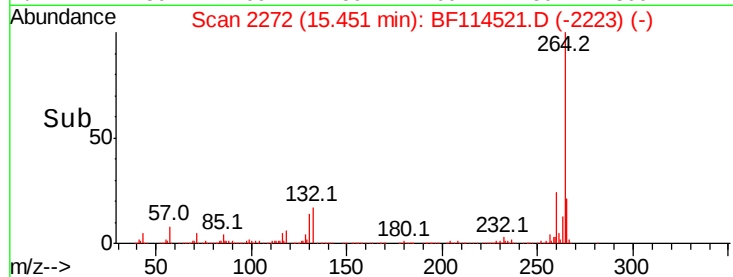
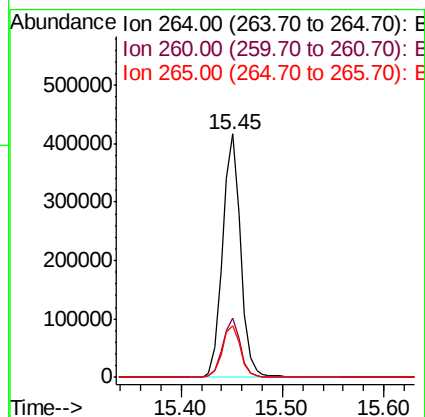
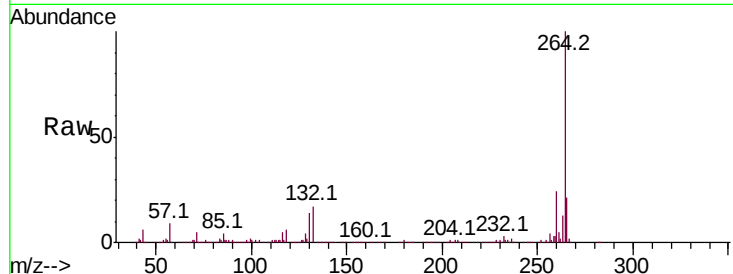




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

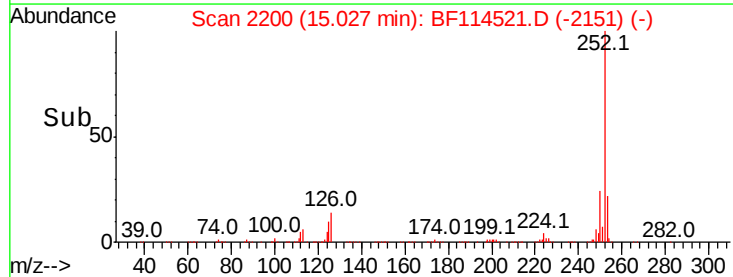
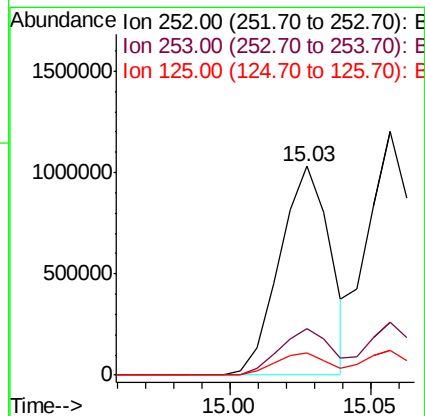
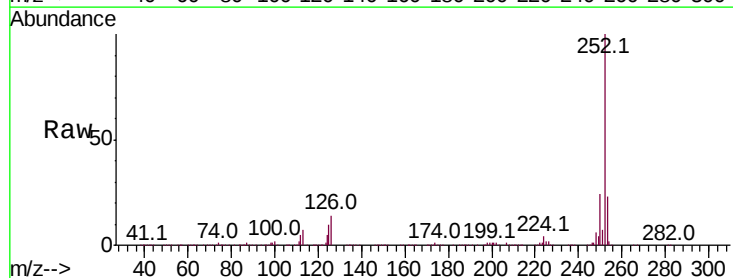
Instrument :
BNA_F
ClientSampled :

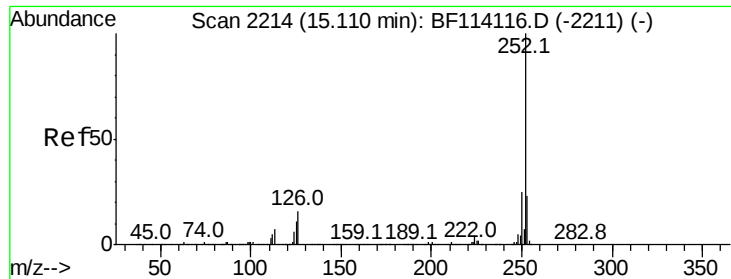
Tot Ion:264 Resp: 513607
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.0
265 21.0 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 38.954 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Tgt Ion:252 Resp: 1281773
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.3 8.3 12.5

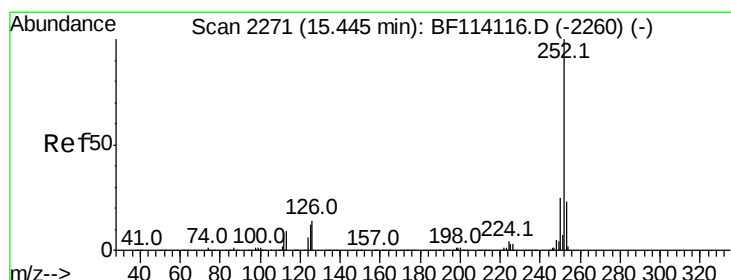
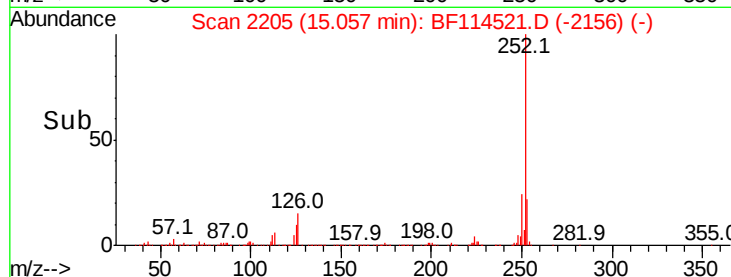
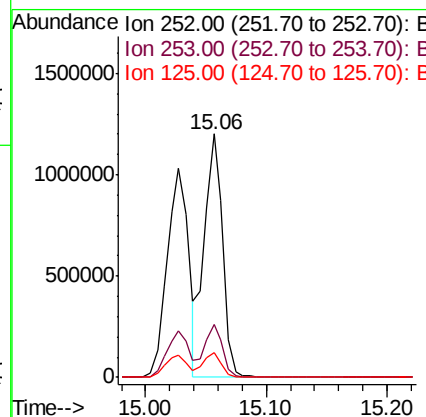
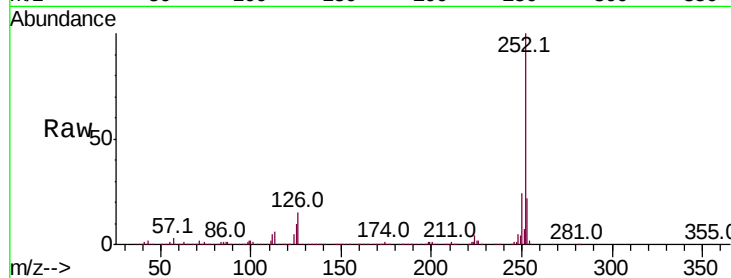




#89
Benzo(k)fluoranthene
Concen: 41.837 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

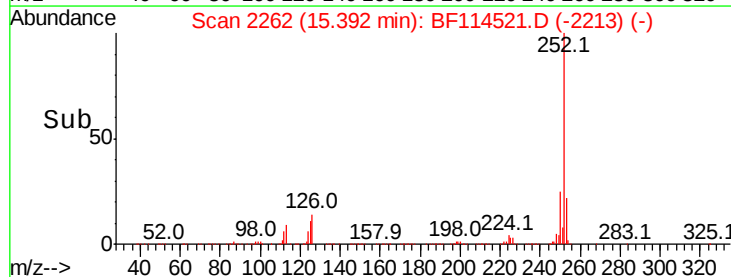
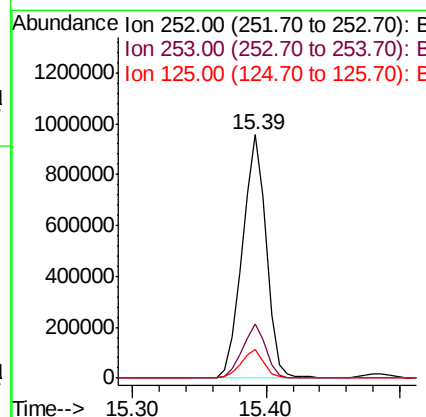
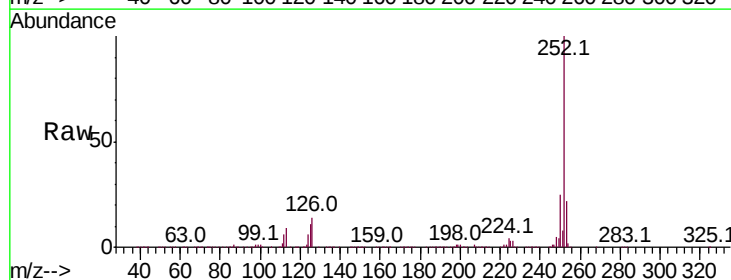
Instrument :
BNA_F
ClientSampleId :

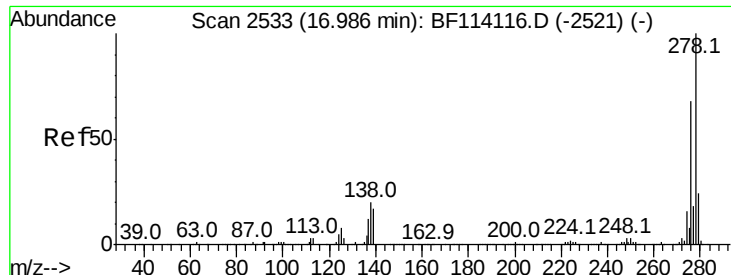
Tot Ion:252 Resp: 1264570
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 10.4 8.6 13.0



#90
Benzo(a)pyrene
Concen: 40.845 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF114521.D
Acq: 23 May 2019 12:52

Tgt Ion:252 Resp: 1182820
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 11.5 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 37.692 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

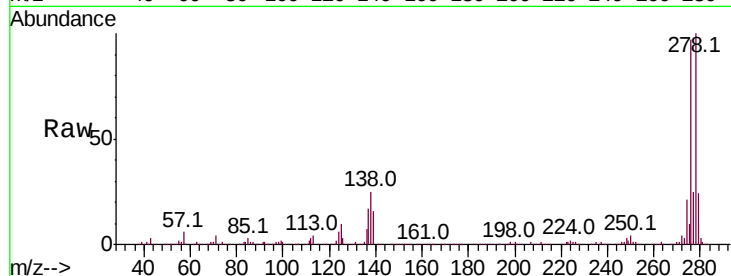
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 906998

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.5	20.3
279	23.7	19.0	28.6

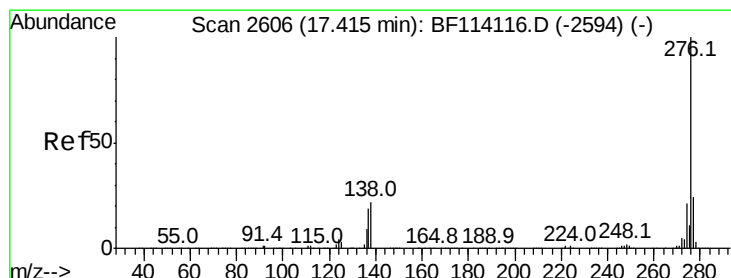
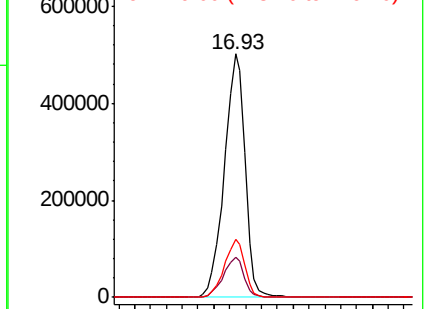
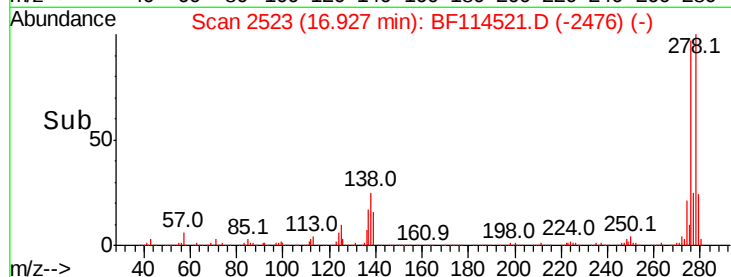


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.169 ng

RT: 17.37 min Scan# 2598

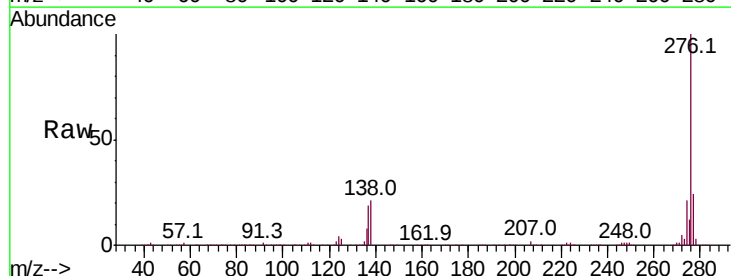
Delta R.T. -0.02 min

Lab File: BF114521.D

Acq: 23 May 2019 12:52

Tgt Ion:276 Resp: 872226

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	20.7	17.8	26.6



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

