

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
 Data File : BF114246.D
 Acq On : 13 May 2019 23:40
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 14 04:50:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	179256	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	705347	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	321318	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	573560	20.00	ng	0.01
76) Chrysene-d12	14.02	240	391879	20.00	ng	0.00
87) Perylene-d12	15.49	264	402014	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	889300	79.84	ng	0.00
7) Phenol-d6	6.50	99	1090731	82.79	ng	0.01
23) Nitrobenzene-d5	7.42	82	1034180	82.28	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	243466	73.29	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	1716607	80.81	ng	0.00
79) Terphenyl-d14	12.96	244	1490591	78.41	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.57	88	219611	35.869	ng	98
3) Pyridine	3.34	79	628665	37.267	ng	95
4) n-Nitrosodimethylamine	3.27	42	231480	28.456	ng	88
6) Aniline	6.52	93	744973	39.146	ng	# 55
8) 2-Chlorophenol	6.65	128	501112	42.140	ng	95
9) Benzaldehyde	6.40	77	373004	40.442	ng	98
10) Phenol	6.52	94	623434	40.227	ng	# 72
11) bis(2-Chloroethyl)ether	6.59	93	497702	42.300	ng	99
12) 1,3-Dichlorobenzene	6.80	146	548210	41.070	ng	99
13) 1,4-Dichlorobenzene	6.87	146	557235	41.428	ng	97
14) 1,2-Dichlorobenzene	7.03	146	517163	42.084	ng	99
15) Benzyl Alcohol	7.00	79	424932	41.355	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	916472	40.172	ng	83
17) 2-Methylphenol	7.12	107	393044	40.236	ng	# 93
18) Hexachloroethane	7.37	117	174585	34.579	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	340163	40.735	ng	99
20) 3+4-Methylphenols	7.27	107	505736	44.810	ng	# 60
22) Acetophenone	7.26	105	669871	42.870	ng	# 88
24) Nitrobenzene	7.44	77	530959	41.478	ng	97
25) Isophorone	7.67	82	941559	40.394	ng	98
26) 2-Nitrophenol	7.76	139	257702	41.494	ng	97
27) 2,4-Dimethylphenol	7.80	122	394712	40.465	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	630480	41.687	ng	99
29) 2,4-Dichlorophenol	8.00	162	395815	40.751	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	444111	40.209	ng	98
31) Naphthalene	8.16	128	1375844	41.758	ng	98
32) Benzoic acid	7.91	122	233985	35.742	ng	95
33) 4-Chloroaniline	8.21	127	630916	42.022	ng	99
34) Hexachlorobutadiene	8.28	225	254981	40.574	ng	99
35) Caprolactam	8.57	113	139255	43.968	ng	99
36) 4-Chloro-3-methylphenol	8.70	107	411526	42.091	ng	99
37) 2-Methylnaphthalene	8.85	142	908025	42.715	ng	97
38) 1-Methylnaphthalene	8.95	142	847869	42.353	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	414232	42.558	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	5544	5.480	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	280784	41.940	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	282331	41.121	ng	100
46) 1,1'-Biphenyl	9.32	154	1097179	42.267	ng	97
47) 2-Chloronaphthalene	9.34	162	869718	41.631	ng	98
48) 2-Nitroaniline	9.44	65	312439	42.171	ng	94
49) Acenaphthylene	9.76	152	1321510	41.591	ng	98
50) Dimethylphthalate	9.61	163	996530	42.248	ng	100
51) 2,6-Dinitrotoluene	9.67	165	212279	40.575	ng	99
52) Acenaphthene	9.93	154	774233	39.709	ng	98
53) 3-Nitroaniline	9.85	138	270915	41.715	ng	95
54) 2,4-Dinitrophenol	9.96	184	22941	14.730	ng	98
55) Dibenzofuran	10.10	168	1137435	39.784	ng	97
56) 4-Nitrophenol	10.03	139	143301	31.201	ng	94
57) 2,4-Dinitrotoluene	10.09	165	273387	38.500	ng	99
58) Fluorene	10.44	166	887397	40.183	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	215035	36.298	ng	99
60) Diethylphthalate	10.30	149	980323	40.904	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	446555	41.171	ng	98
62) 4-Nitroaniline	10.46	138	261731	38.352	ng	92
63) Azobenzene	10.59	77	919349	39.630	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	42264	15.335	ng	94
66) n-Nitrosodiphenylamine	10.55	169	785311	45.113	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	280108	44.355	ng	93
68) Hexachlorobenzene	11.00	284	290223	41.542	ng	93
69) Atrazine	11.07	200	240467	44.390	ng	99
70) Pentachlorophenol	11.19	266	103679	31.306	ng	98
71) Phenanthrene	11.40	178	1180952	42.321	ng	98
72) Anthracene	11.46	178	1203130	42.927	ng	98
73) Carbazole	11.61	167	1095196	40.977	ng	98
74) Di-n-butylphthalate	11.93	149	1490728	48.414	ng	100
75) Fluoranthene	12.59	202	1144181	38.077	ng	98
77) Benzidine	12.71	184	622605	35.394	ng	97
78) Pyrene	12.82	202	1177023	37.336	ng	99
80) Butylbenzylphthalate	13.43	149	549752	41.431	ng	94
81) Benzo(a)anthracene	14.01	228	1073468	42.352	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	439294	44.677	ng	99
83) Chrysene	14.05	228	1057921	42.578	ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	752638	43.369	ng	98
85) Di-n-octyl phthalate	14.60	149	1246295	44.301	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	858257	39.084	ng	98
88) Benzo(b)fluoranthene	15.07	252	1120722	43.514	ng	99
89) Benzo(k)fluoranthene	15.09	252	986064	41.678	ng	98
90) Benzo(a)pyrene	15.43	252	942137	41.565	ng	100
91) Dibenzo(a,h)anthracene	16.99	278	717114	38.073	ng	98
92) Benzo(g,h,i)perylene	17.43	276	673436	35.678	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

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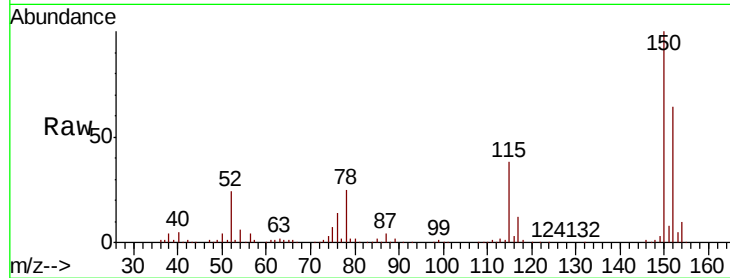
Tgt Ion: 152 Resp: 179256

Ion Ratio Lower Upper

152 100

150 155.7 124.3 186.5

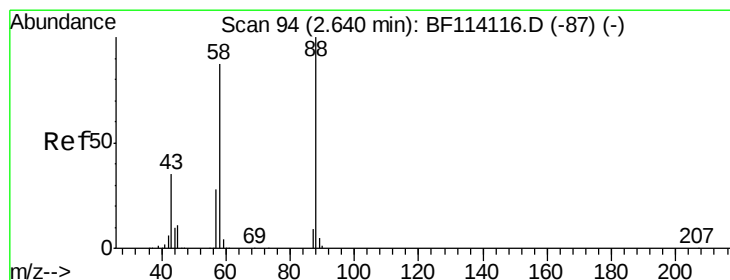
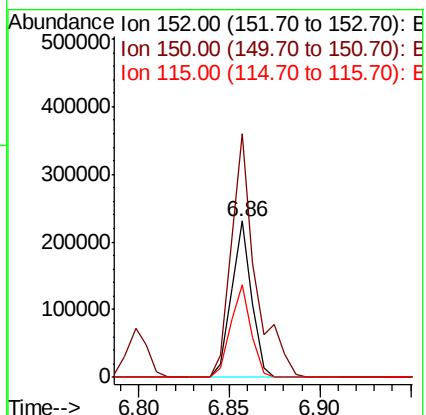
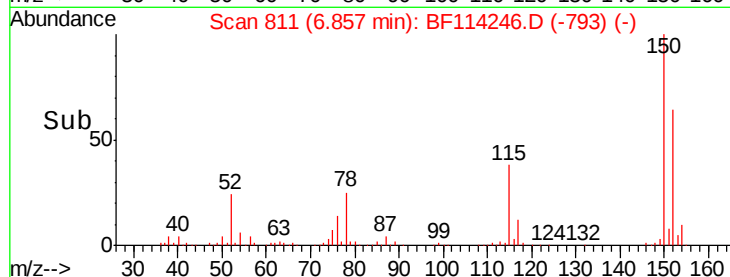
115 59.1 49.1 73.7



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: 35.869 ng

RT: 2.57 min Scan# 82

Delta R.T. -0.07 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

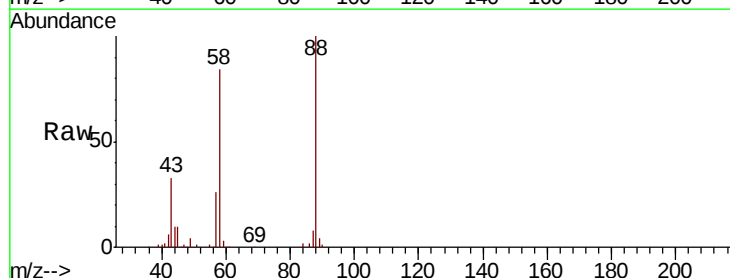
Tgt Ion: 88 Resp: 219611

Ion Ratio Lower Upper

88 100

58 84.5 68.7 103.1

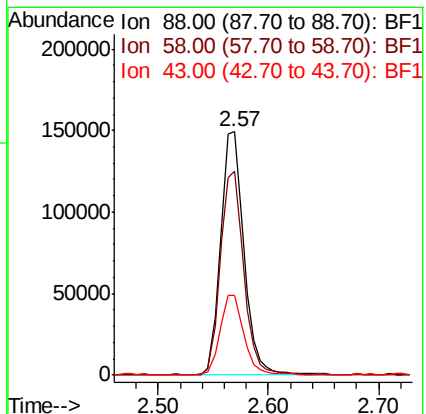
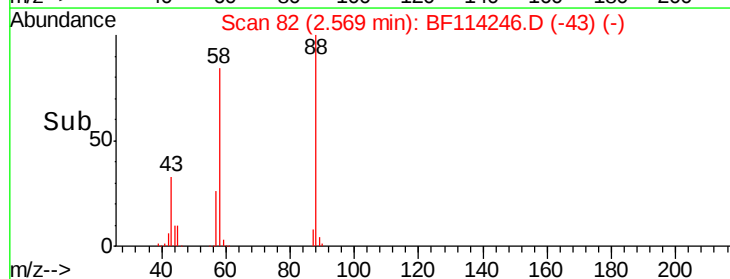
43 33.0 28.2 42.2

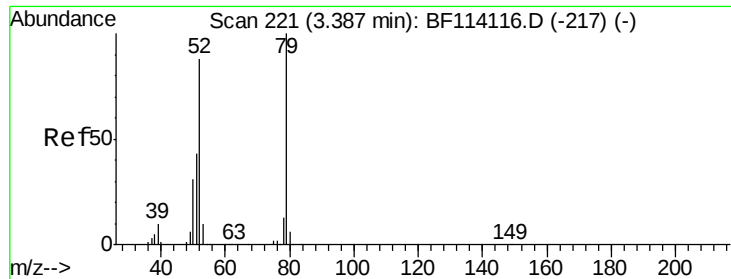


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 37.267 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.05 min

Lab File: BF114246.D

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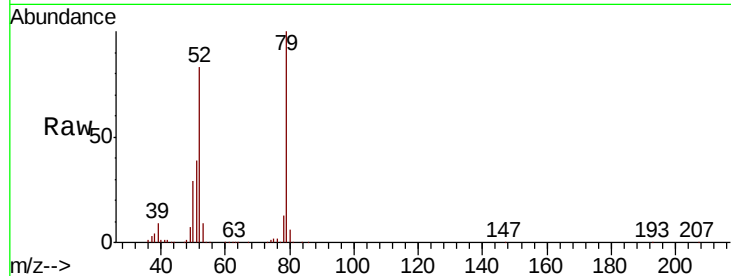
Tgt Ion: 79 Resp: 628665

Ion Ratio Lower Upper

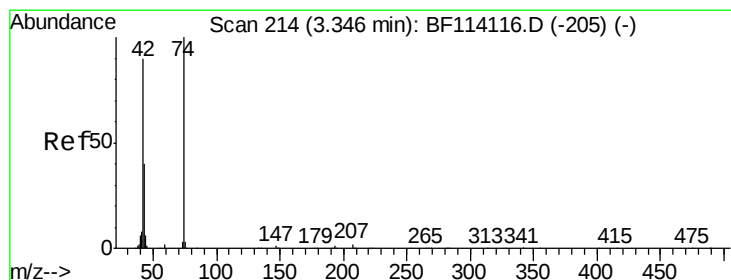
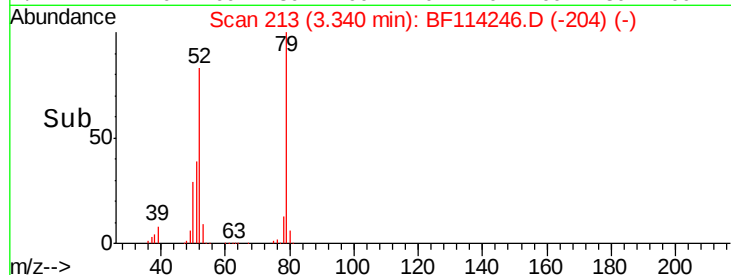
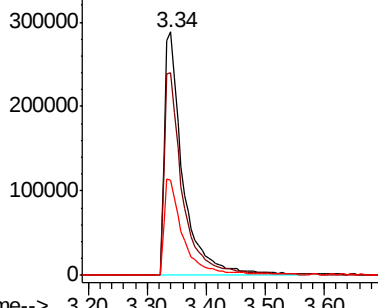
79 100

52 83.5 70.6 105.8

51 39.3 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: 28.456 ng

RT: 3.27 min Scan# 202

Delta R.T. -0.07 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

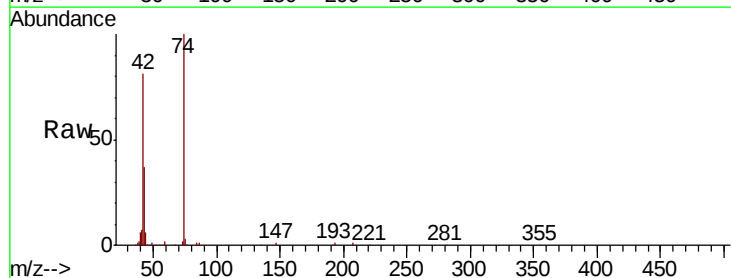
Tgt Ion: 42 Resp: 231480

Ion Ratio Lower Upper

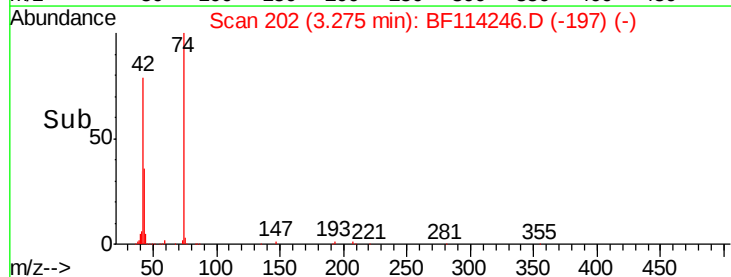
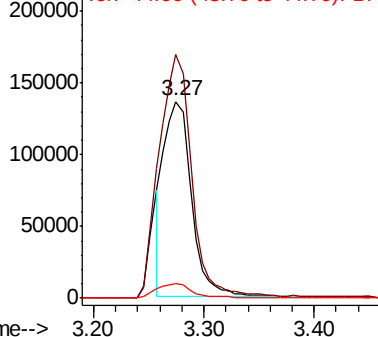
42 100

74 123.8 88.6 132.8

44 7.2 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: 79.836 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

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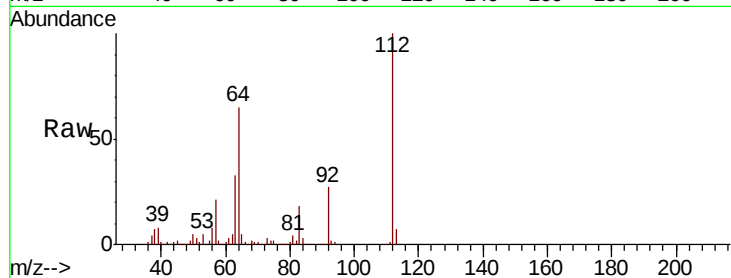
Tgt Ion: 112 Resp: 889300

Ion Ratio Lower Upper

112 100

64 65.3 49.0 73.6

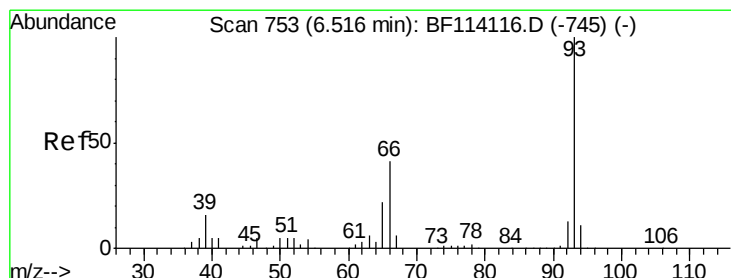
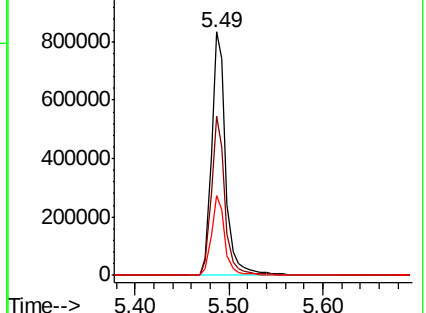
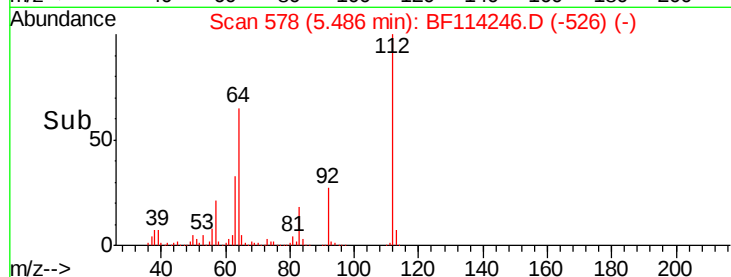
63 32.9 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.146 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

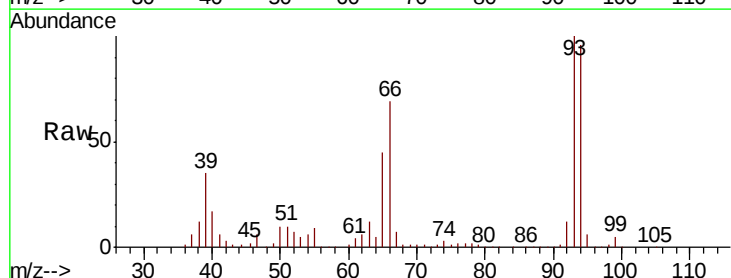
Tgt Ion: 93 Resp: 744973

Ion Ratio Lower Upper

93 100

66 69.4 33.2 49.8#

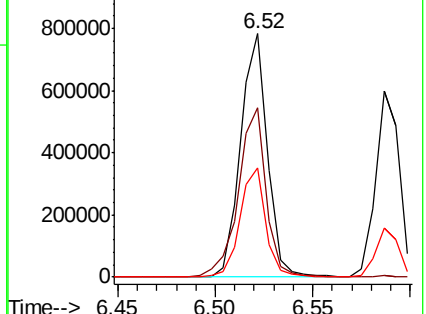
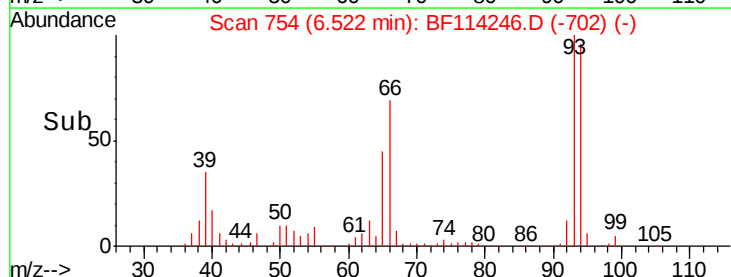
65 44.6 17.6 26.4#



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: 82.791 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

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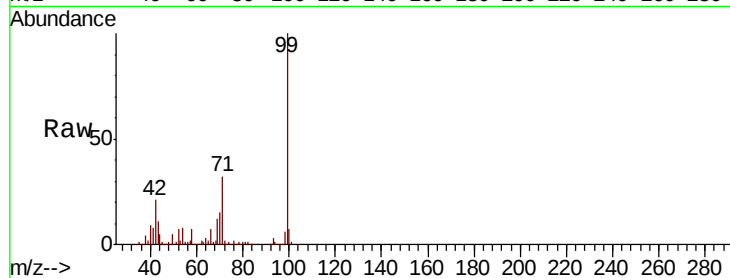
Tgt Ion: 99 Resp: 1090731

Ion Ratio Lower Upper

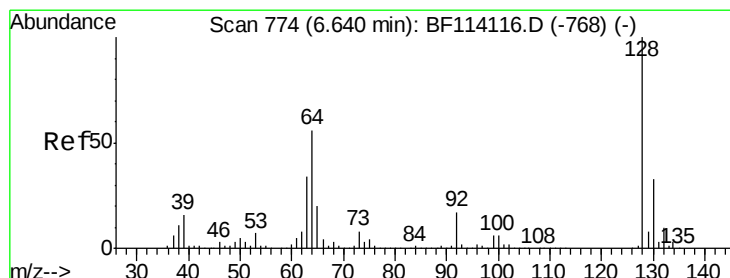
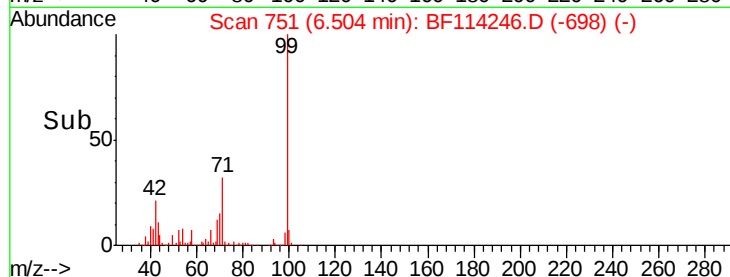
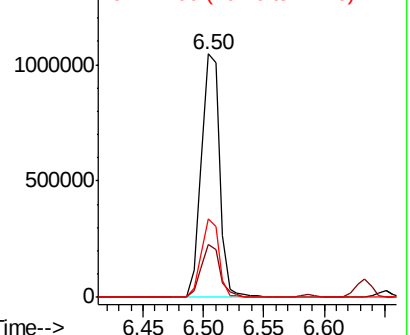
99 100

42 21.5 17.9 26.9

71 32.0 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: 42.140 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

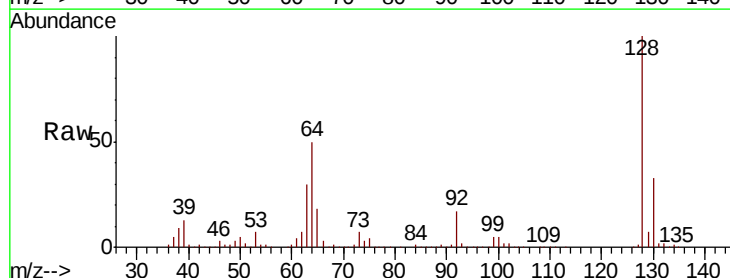
Tgt Ion: 128 Resp: 501112

Ion Ratio Lower Upper

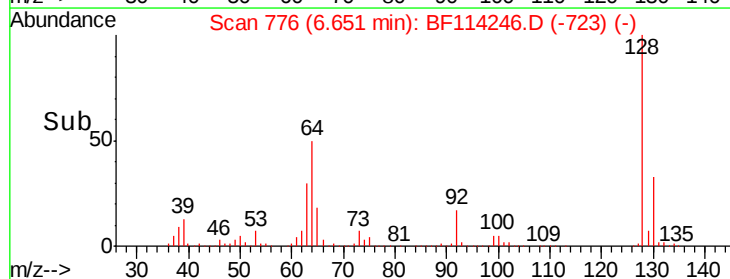
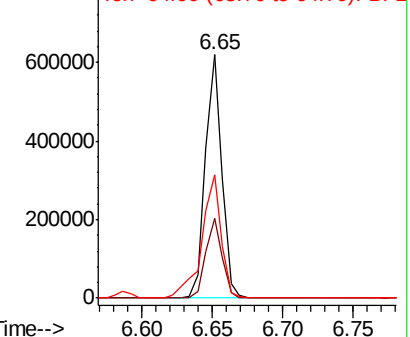
128 100

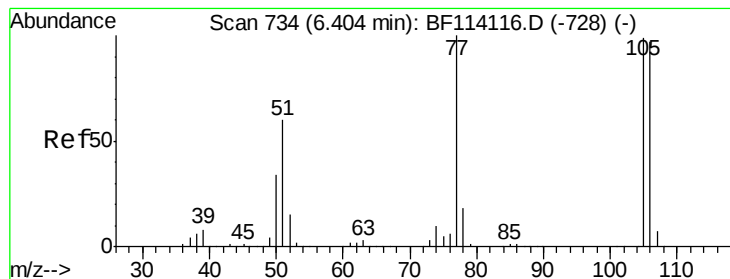
130 32.7 12.6 52.6

64 50.4 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: 40.442 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

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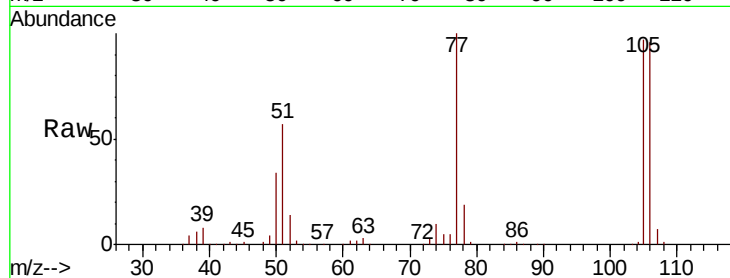
Tgt Ion: 77 Resp: 373004

Ion Ratio Lower Upper

77 100

105 97.4 79.3 119.3

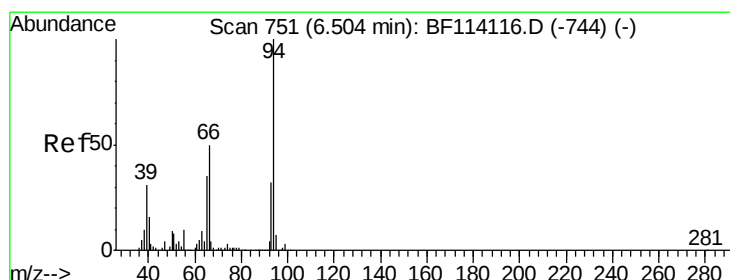
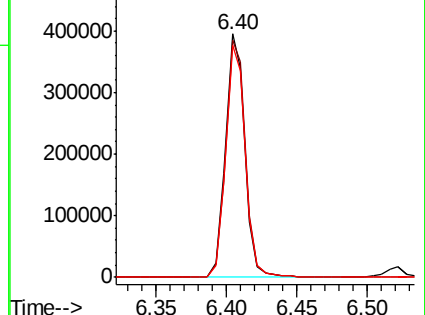
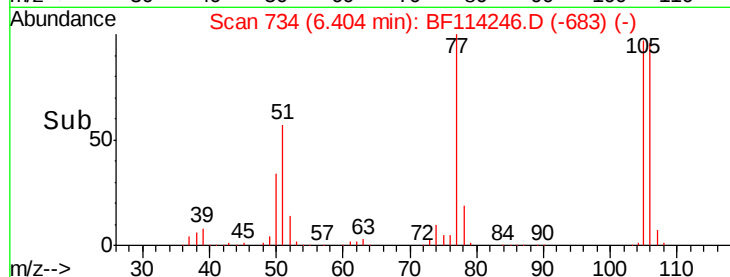
106 95.5 77.0 117.0



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: 40.227 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

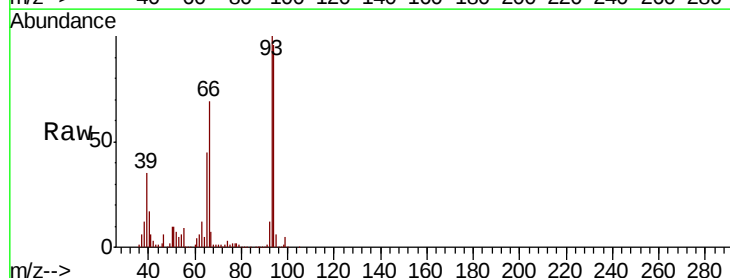
Tgt Ion: 94 Resp: 623434

Ion Ratio Lower Upper

94 100

65 46.4 14.7 54.7

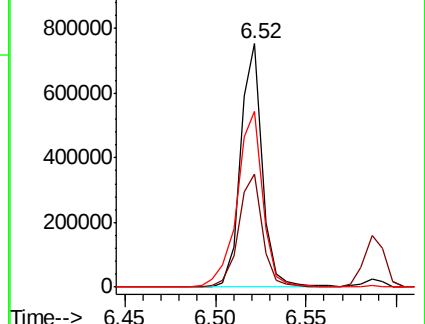
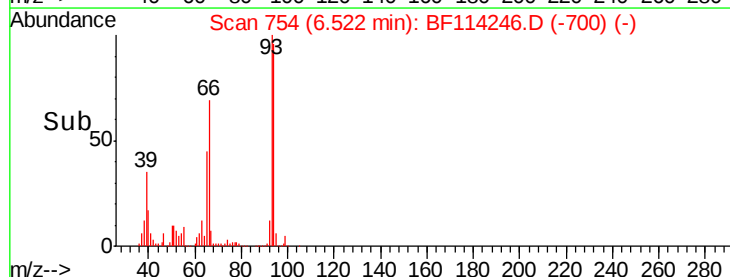
66 72.1 29.6 69.6#



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

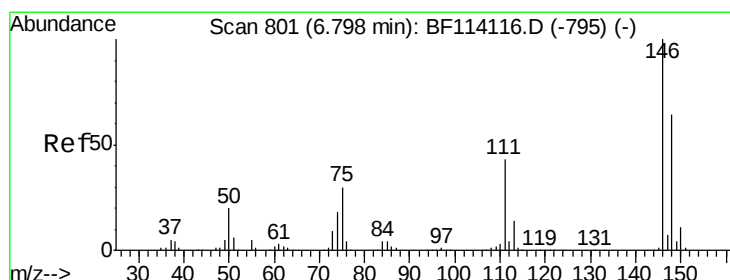
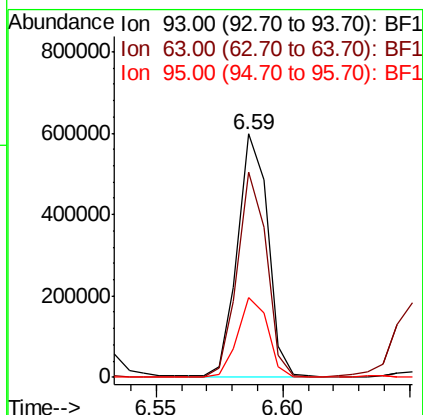
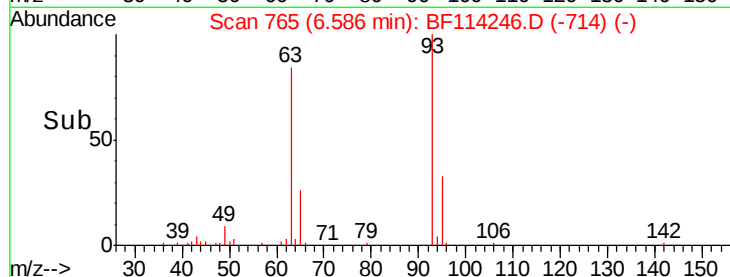
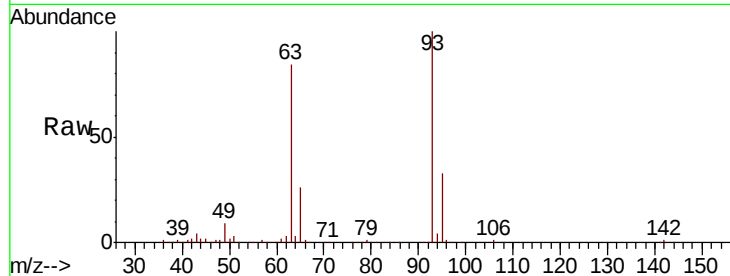




#11
 bis(2-Chloroethyl)ether
 Concen: 42.300 ng
 RT: 6.59 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF114246.D
 Acq: 13 May 2019 23:40

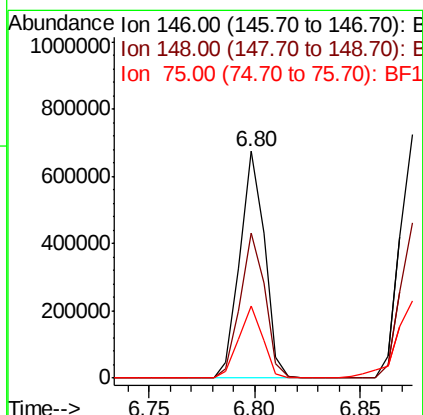
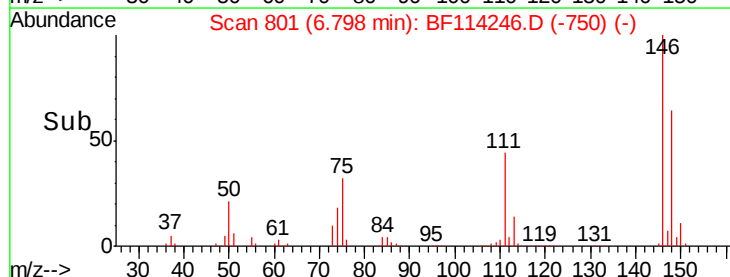
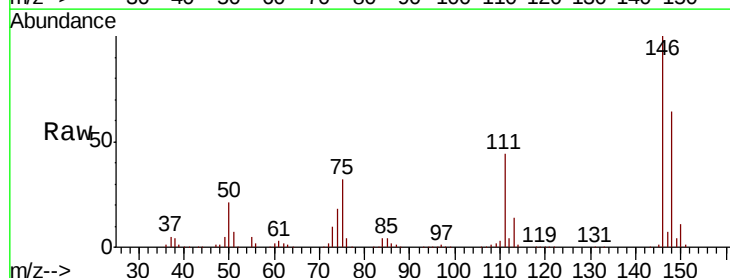
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

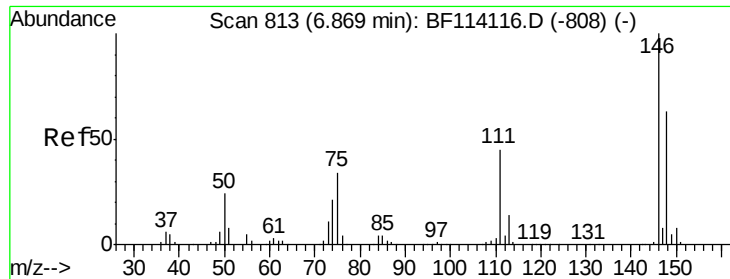
Tgt Ion: 93 Resp: 497702
 Ion Ratio Lower Upper
 93 100
 63 84.2 63.6 103.6
 95 33.0 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 41.070 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF114246.D
 Acq: 13 May 2019 23:40

Tgt Ion: 146 Resp: 548210
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.6 77.4
 75 31.7 24.2 36.2

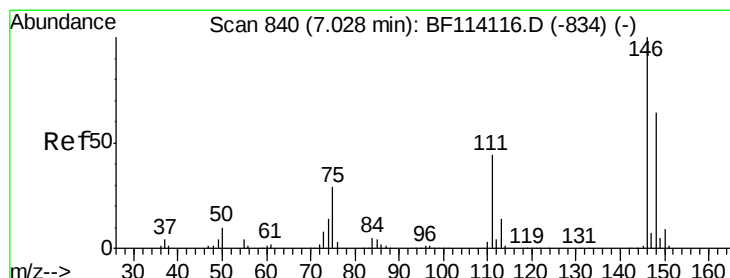
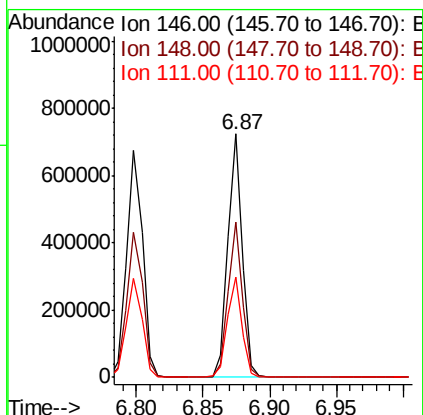
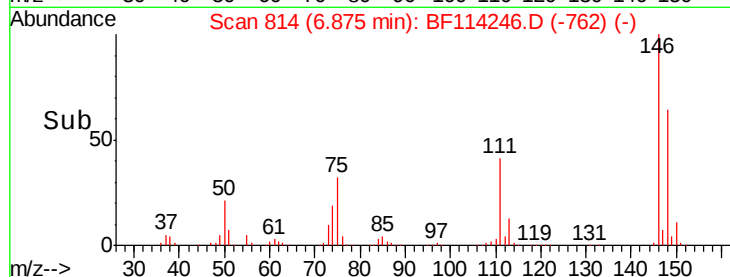
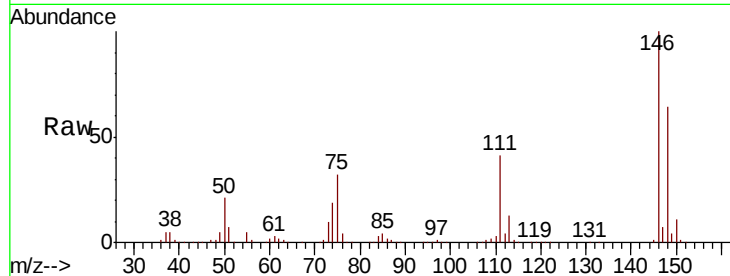




#13
 1,4-Dichlorobenzene
 Concen: 41.428 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF114246.D
 Acq: 13 May 2019 23:40

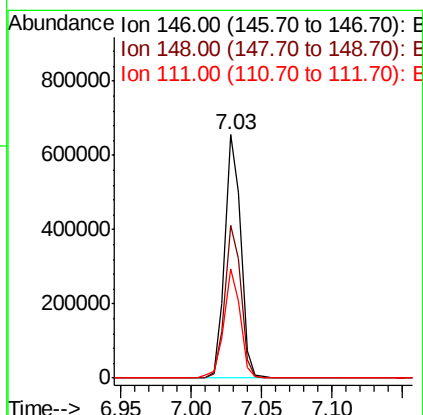
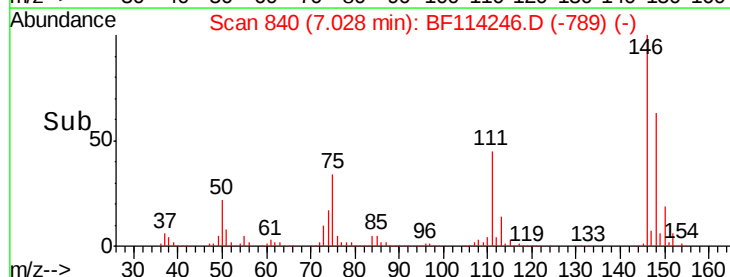
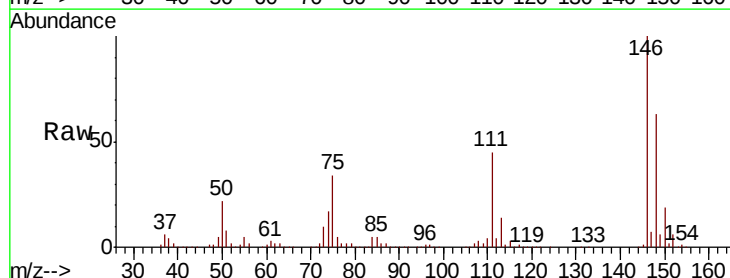
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

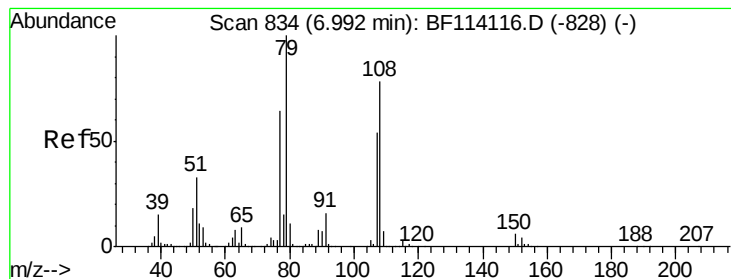
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.2	75.2
111	41.0	35.8	53.6



#14
 1,2-Dichlorobenzene
 Concen: 42.084 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF114246.D
 Acq: 13 May 2019 23:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.1	76.7
111	44.9	35.3	52.9





#15

Benzyl Alcohol

Concen: 41.355 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

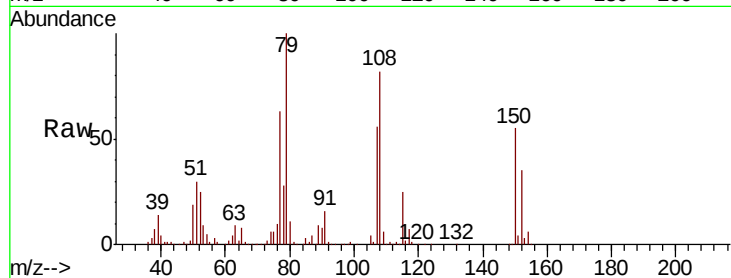
Tgt Ion: 79 Resp: 424932

Ion Ratio Lower Upper

79 100

108 82.1 62.1 93.1

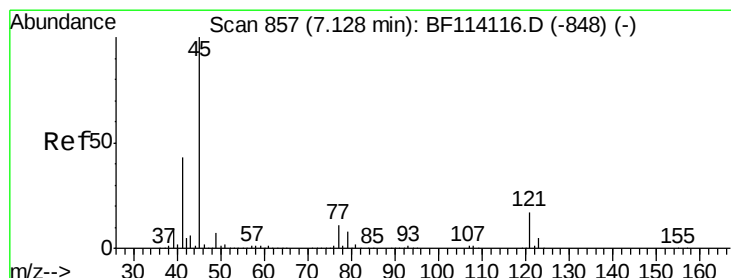
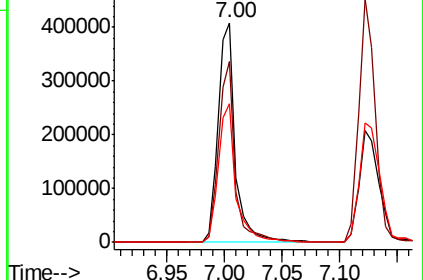
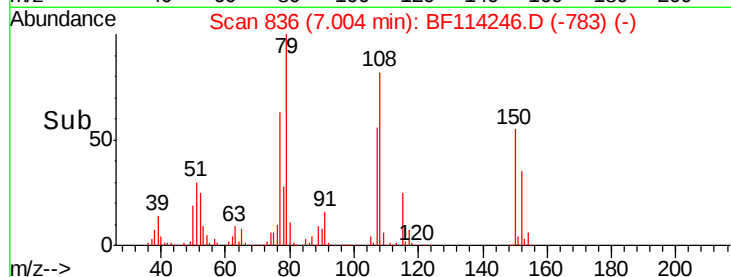
77 63.0 51.0 76.6



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: 40.172 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

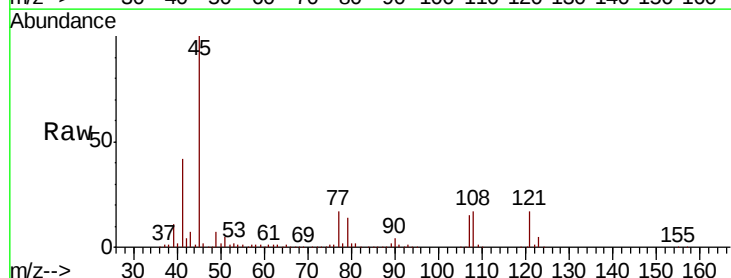
Tgt Ion: 45 Resp: 916472

Ion Ratio Lower Upper

45 100

77 17.4 0.0 31.1

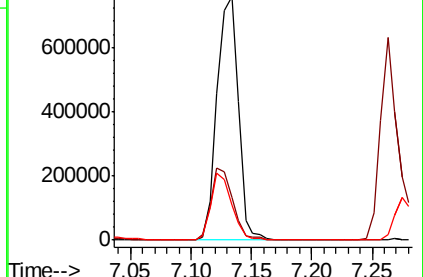
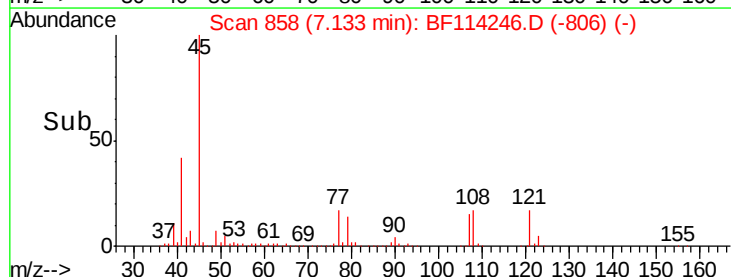
79 14.4 0.0 28.4

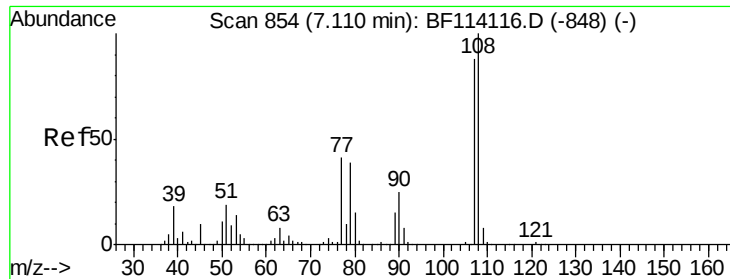


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

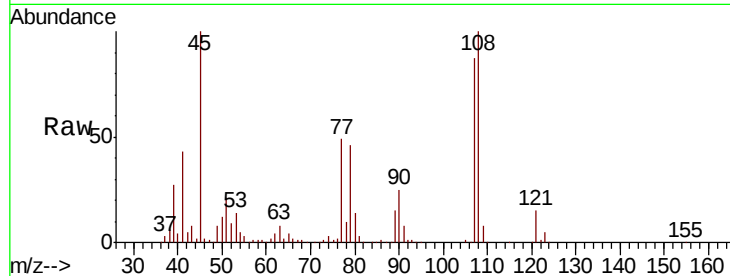




#17
2-Methylphenol
Concen: 40.236 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.2	90.5	135.7
77	56.7	37.0	55.4#
79	52.9	35.8	53.8



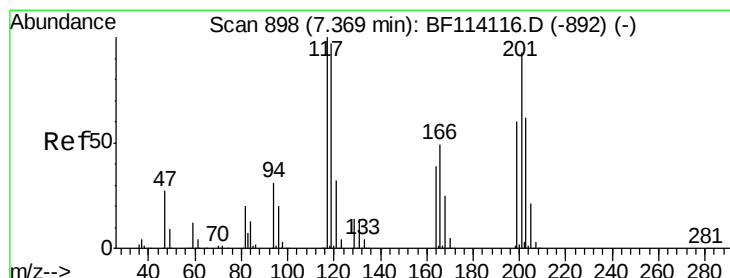
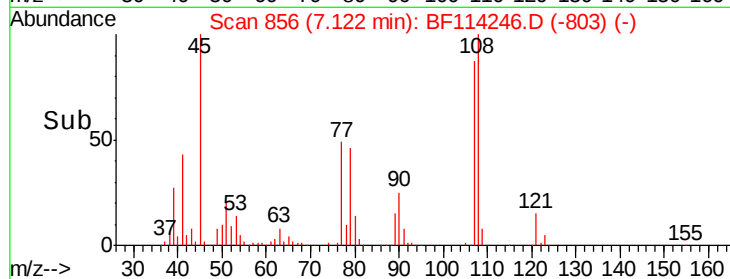
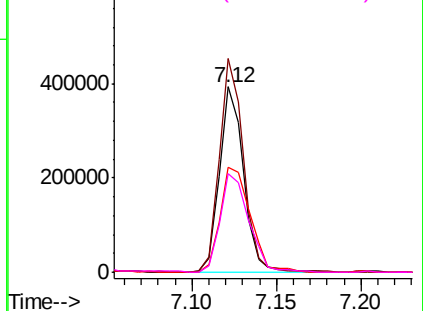
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

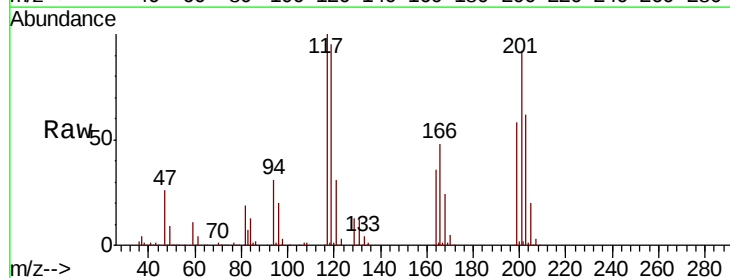
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 34.579 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.4	116.2
201	91.8	74.5	111.7

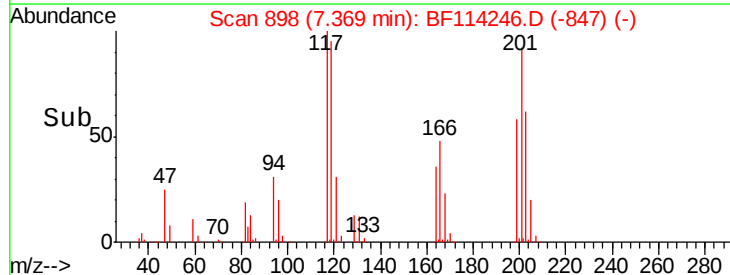
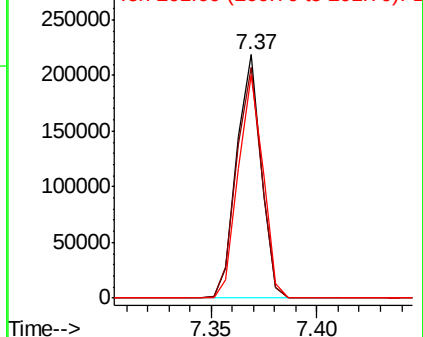


Abundance

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

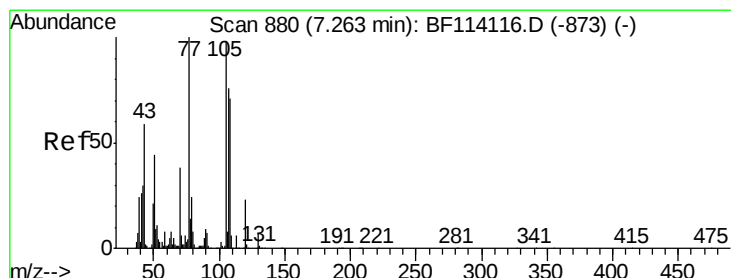
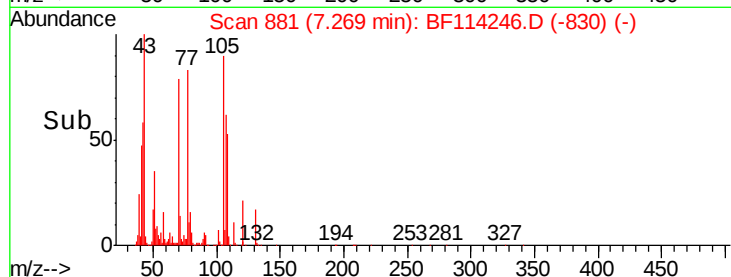
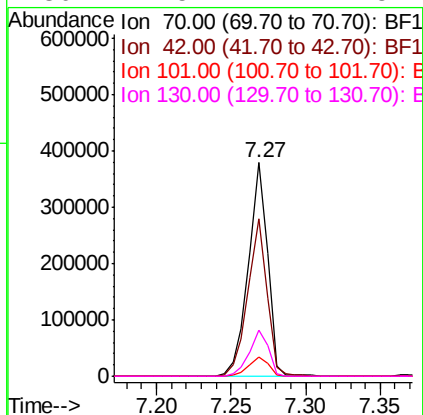
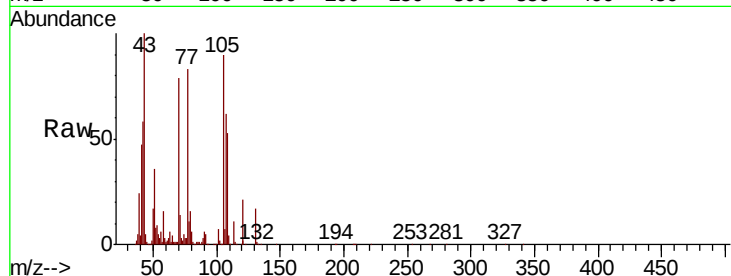




#19
n-Nitroso-di-n-propylamine
Concen: 40.735 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

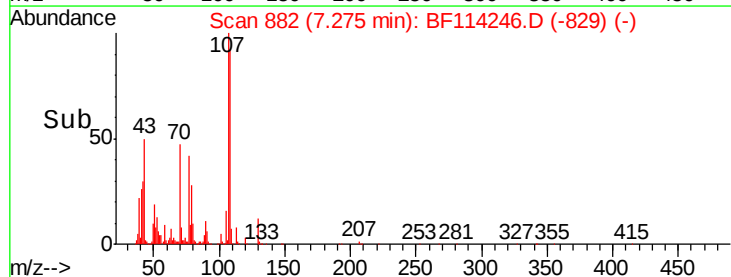
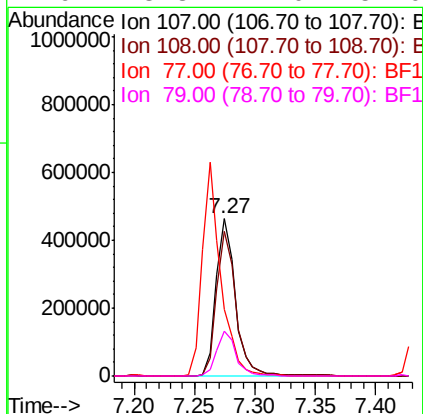
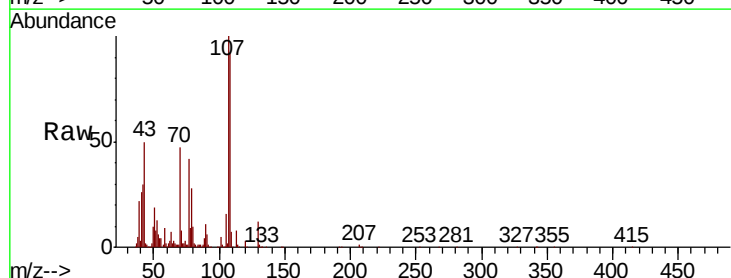
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

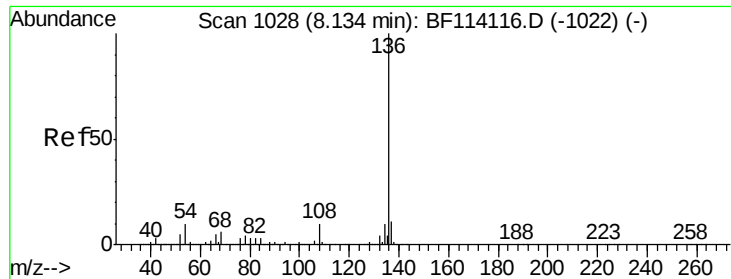
Tgt Ion:	70	Resp:	340163
Ion	Ratio	Lower	Upper
70	100		
42	74.0	58.6	87.8
101	9.3	7.8	11.8
130	21.5	17.1	25.7



#20
3+4-Methylphenols
Concen: 44.810 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Tgt Ion:	107	Resp:	505736
Ion	Ratio	Lower	Upper
107	100		
108	92.0	73.8	113.8
77	42.0	111.5	151.5#
79	28.3	12.0	52.0

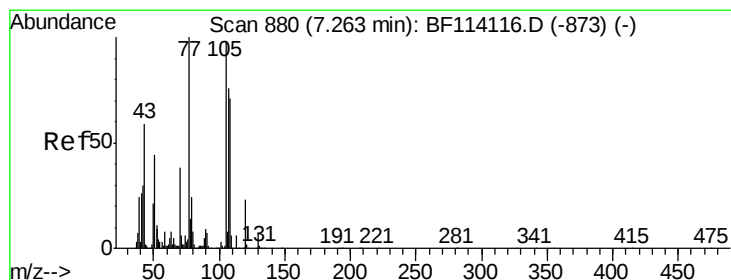
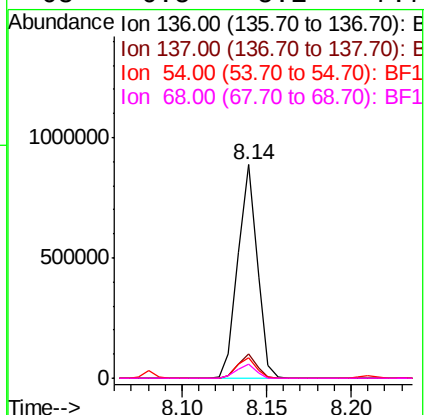
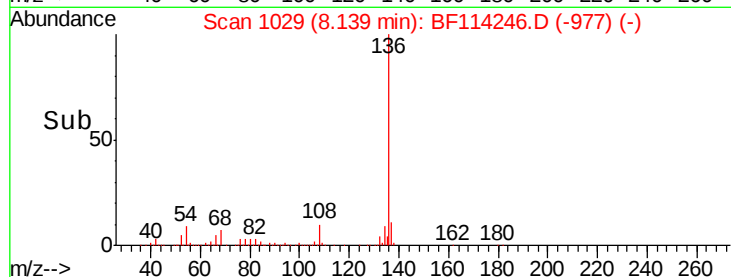
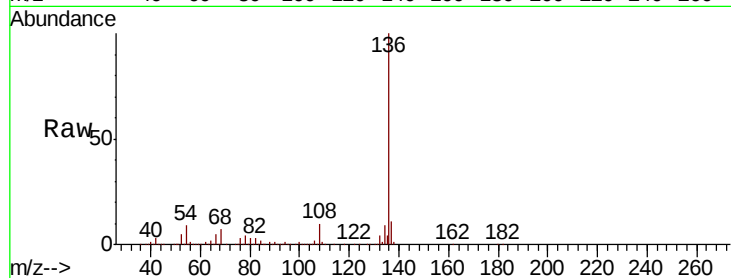




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

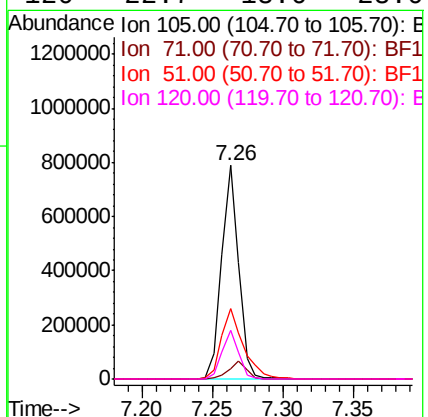
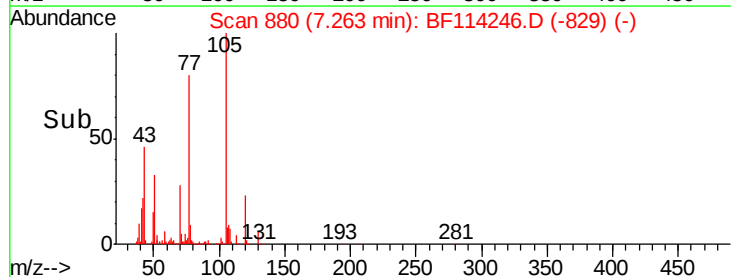
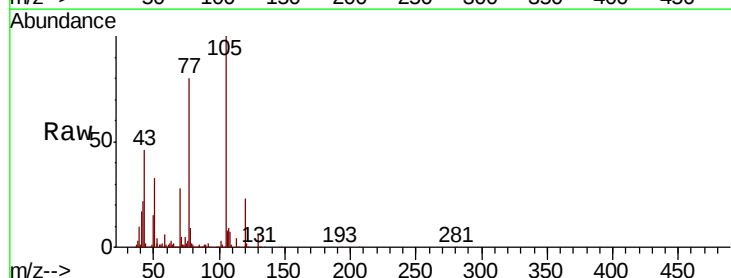
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	705347
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.4	7.8	11.8
68	6.5	5.1	7.7



#22
Acetophenone
Concen: 42.870 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Tgt Ion:	105	Resp:	669871
Ion	Ratio	Lower	Upper
105	100		
71	4.7	5.3	7.9#
51	32.9	36.2	54.4#
120	22.7	18.6	28.0

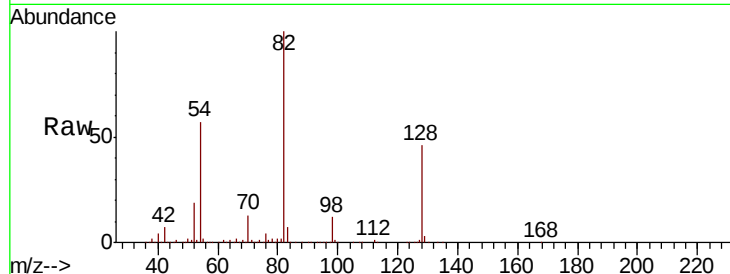




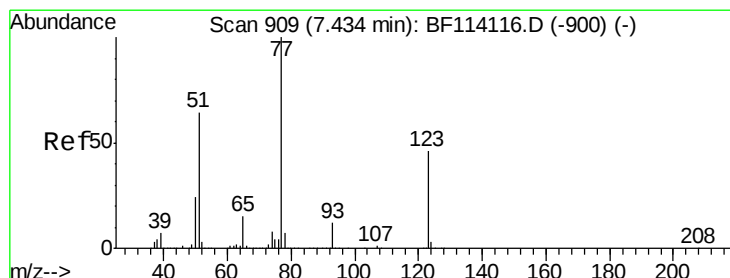
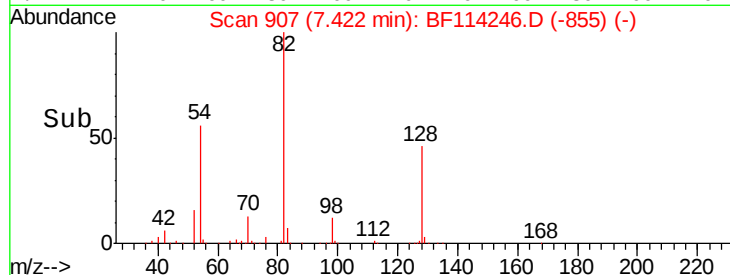
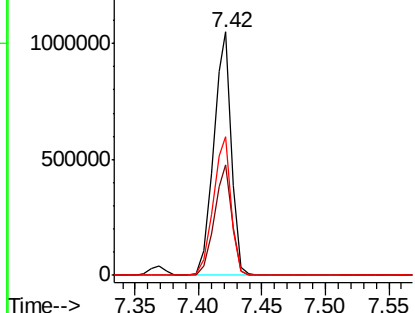
#23
 Nitrobenzene-d5
 Concen: 82.283 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF114246.D
 Acq: 13 May 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1034180
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.5 53.3
 54 57.0 48.5 72.7

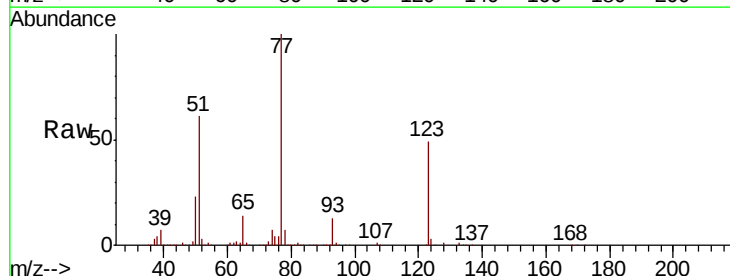


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

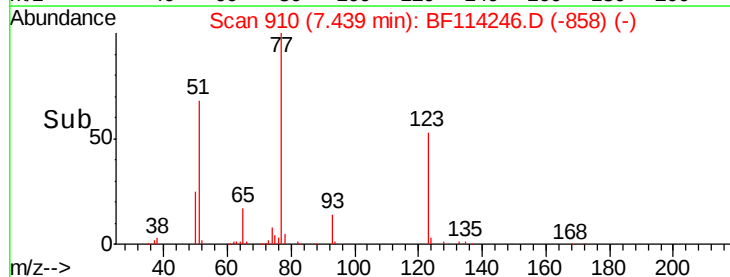
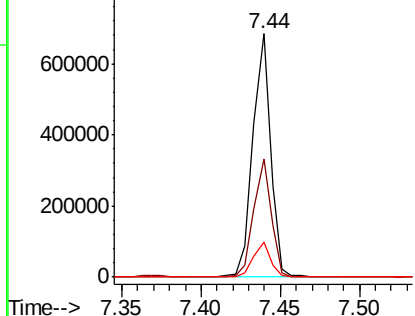


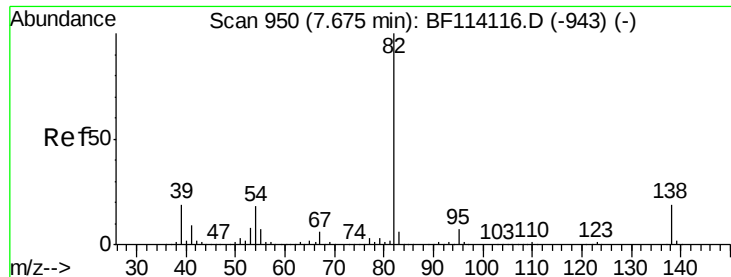
#24
 Nitrobenzene
 Concen: 41.478 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF114246.D
 Acq: 13 May 2019 23:40

Tgt Ion: 77 Resp: 530959
 Ion Ratio Lower Upper
 77 100
 123 48.6 36.9 55.3
 65 14.4 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: 40.394 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

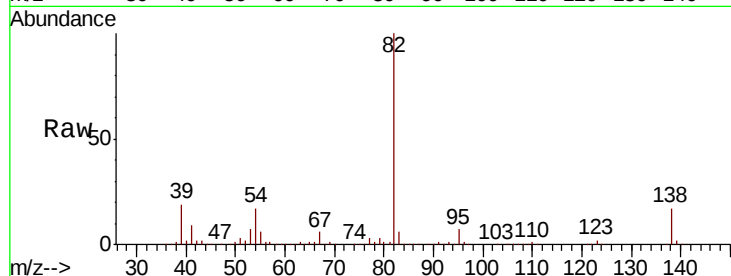
Tgt Ion: 82 Resp: 941559

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

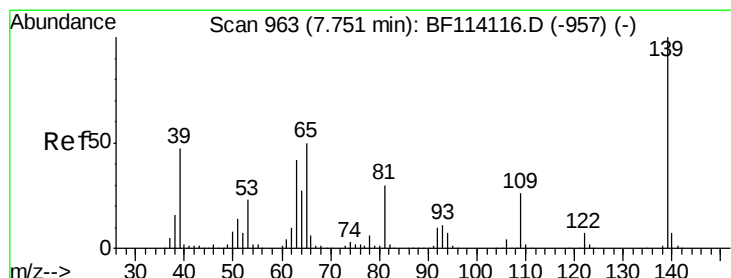
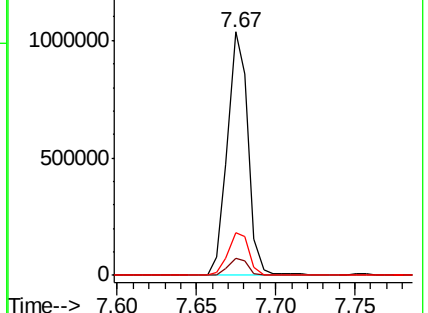
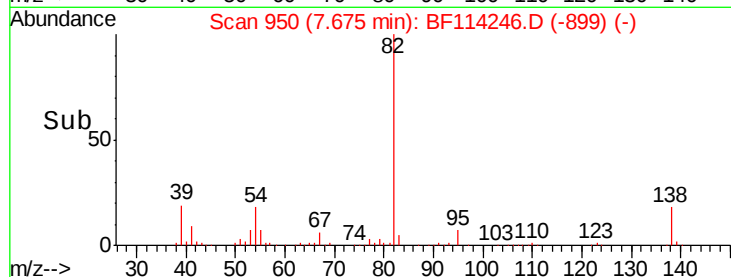
138 17.4 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.494 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

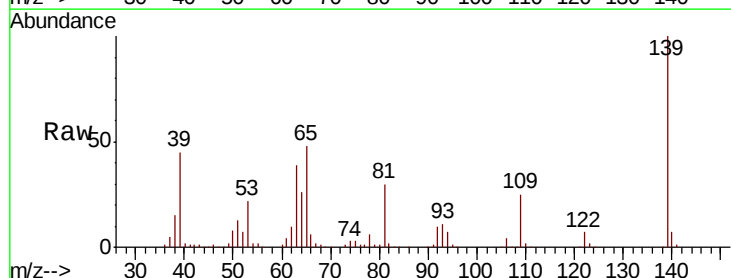
Tgt Ion: 139 Resp: 257702

Ion Ratio Lower Upper

139 100

109 24.9 20.7 31.1

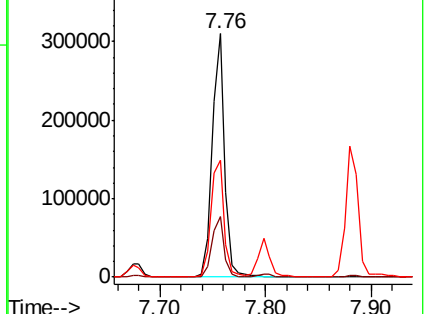
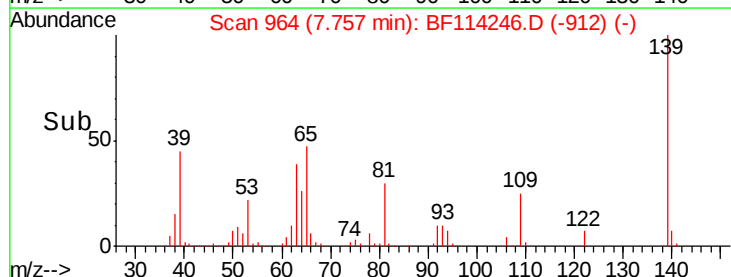
65 48.0 40.2 60.2

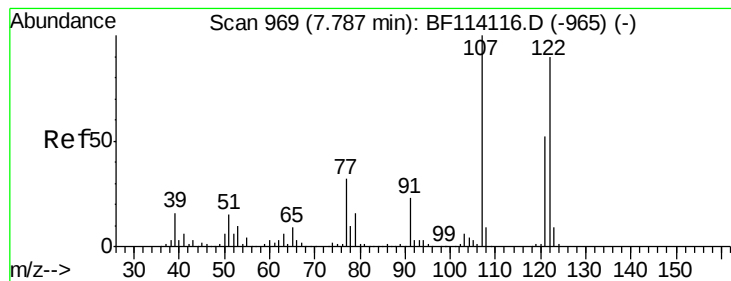


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

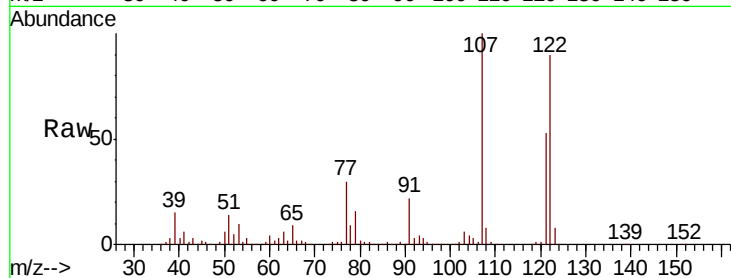




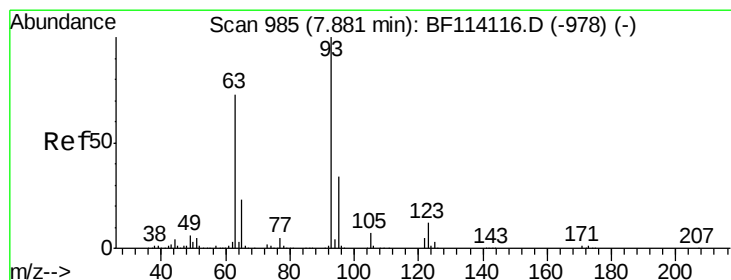
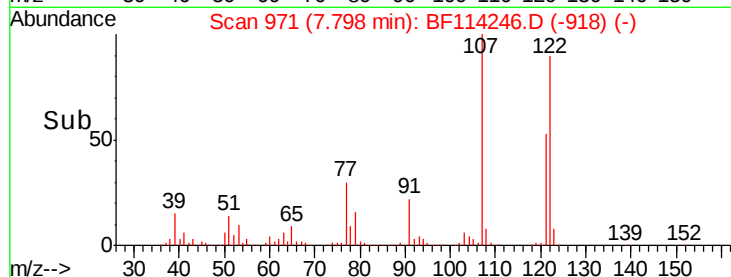
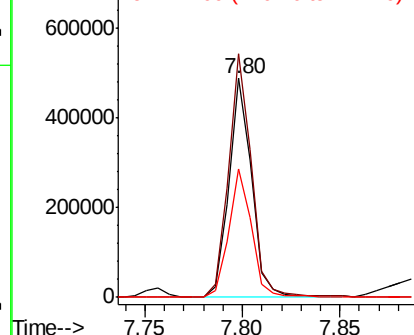
#27
2,4-Dimethylphenol
Concen: 40.465 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.1	88.4	132.6
121	58.4	45.9	68.9

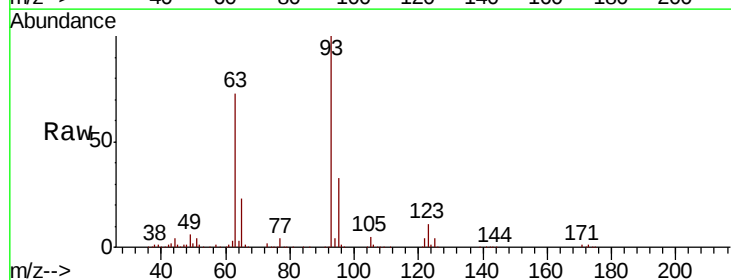


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

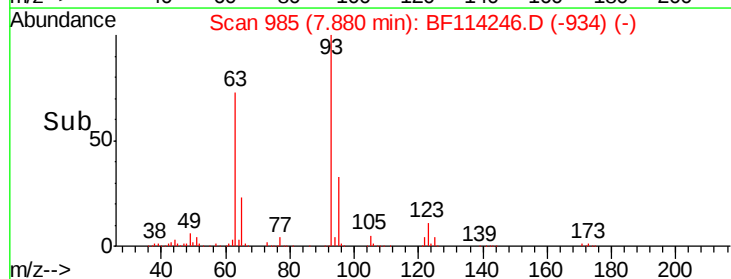
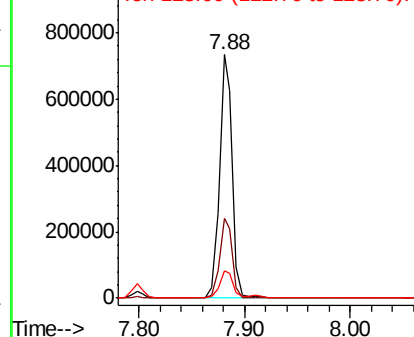


#28
bis(2-Chloroethoxy)methane
Concen: 41.687 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.8	40.2
123	11.5	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

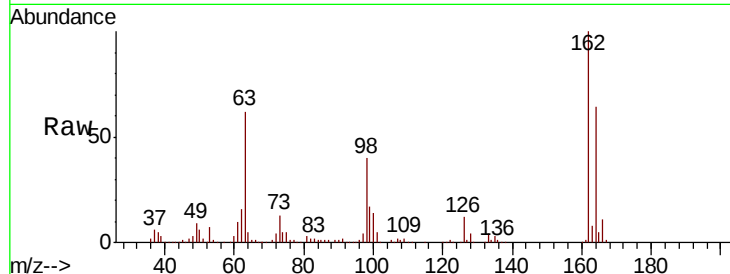




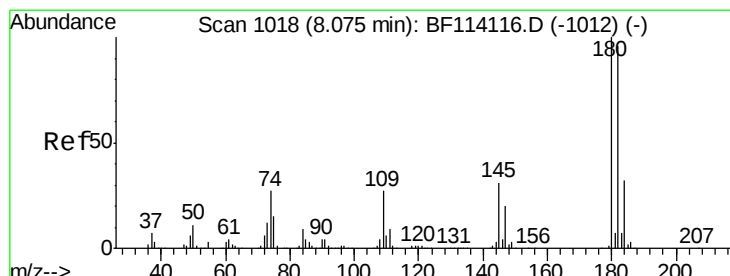
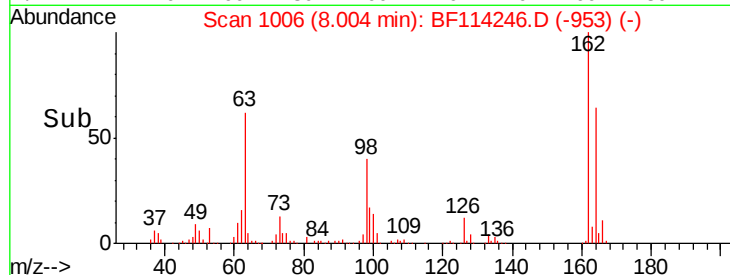
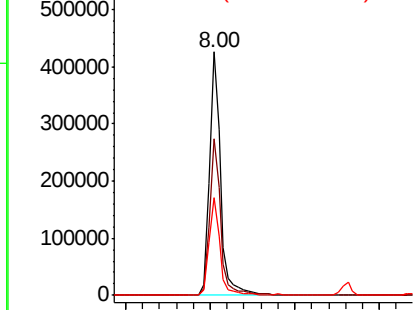
#29
2,4-Dichlorophenol
Concen: 40.751 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 395815
Ion Ratio Lower Upper
162 100
164 64.3 43.6 83.6
98 40.3 20.6 60.6

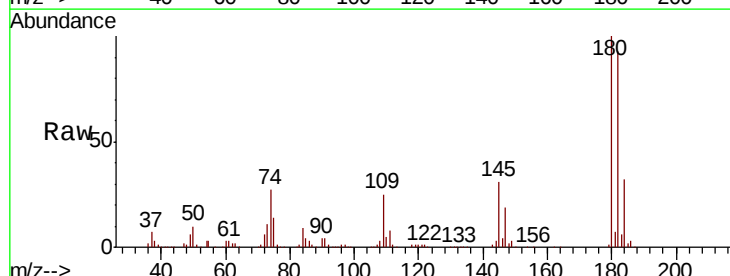


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

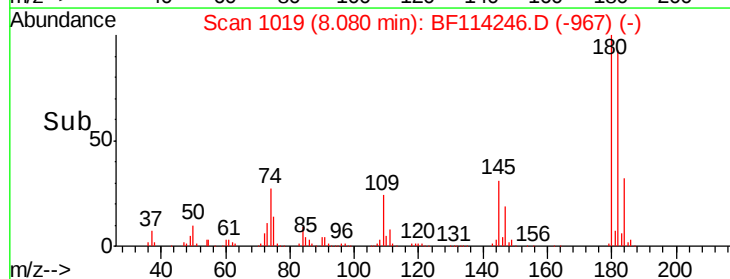
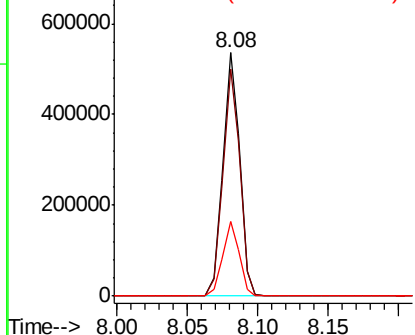


#30
1,2,4-Trichlorobenzene
Concen: 40.209 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Tgt Ion:180 Resp: 444111
Ion Ratio Lower Upper
180 100
182 93.4 76.6 114.8
145 30.7 25.1 37.7



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





#31

Naphthalene

Concen: 41.758 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

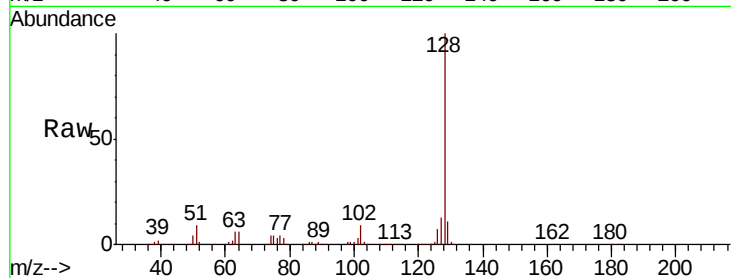
Tgt Ion:128 Resp: 1375844

Ion Ratio Lower Upper

128 100

129 11.3 9.6 14.4

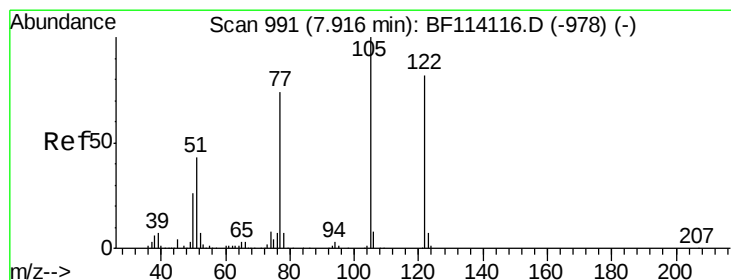
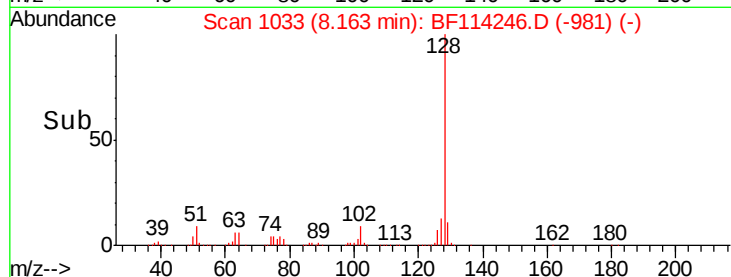
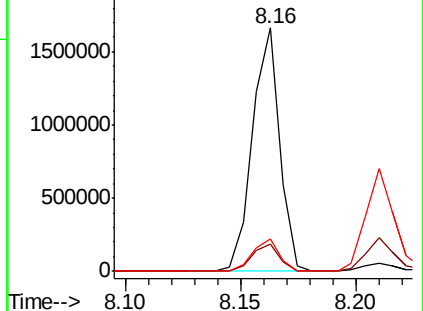
127 13.3 11.3 16.9



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: 35.742 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

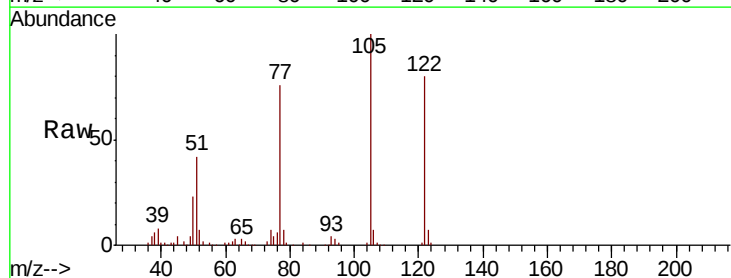
Tgt Ion:122 Resp: 233985

Ion Ratio Lower Upper

122 100

105 125.0 99.9 139.9

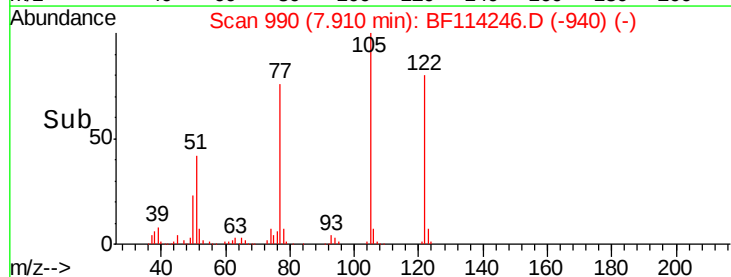
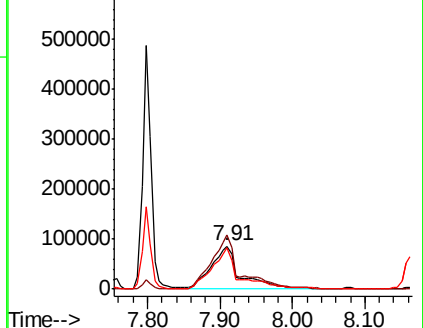
77 95.5 69.4 109.4



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

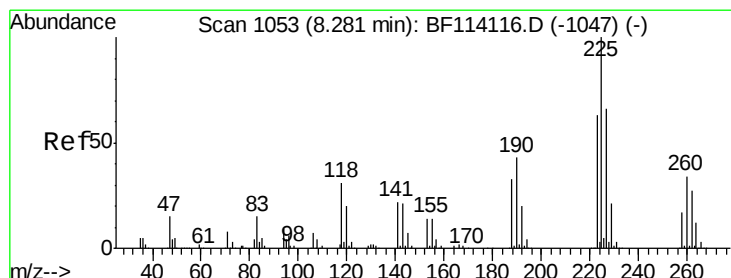
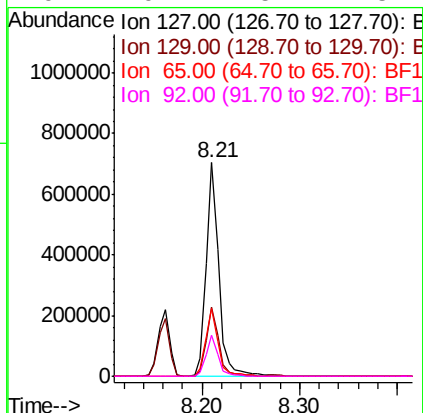
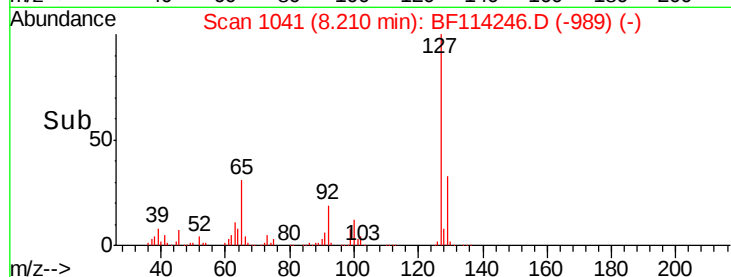
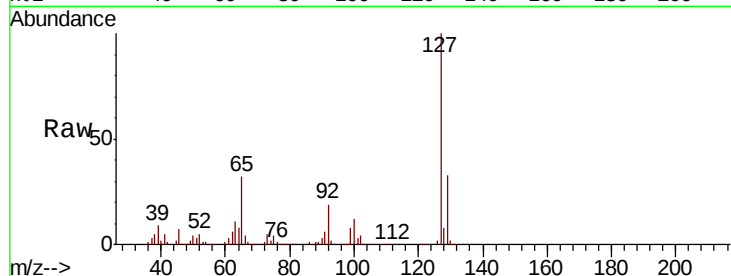




#33
4-Chloroaniline
Concen: 42.022 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

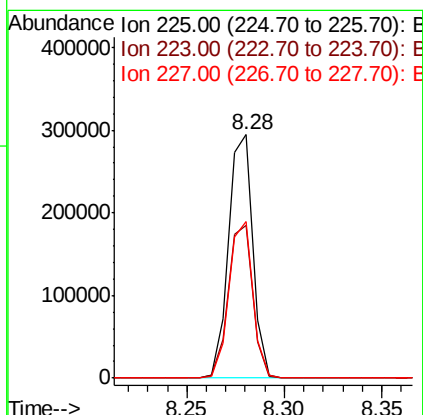
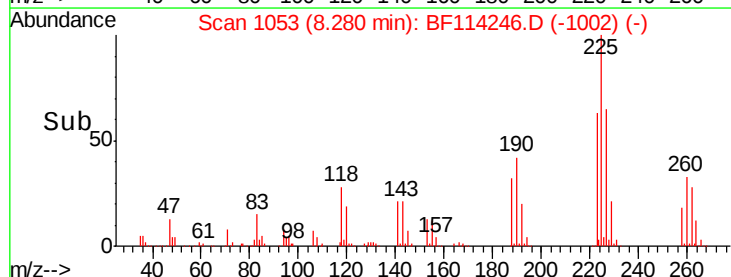
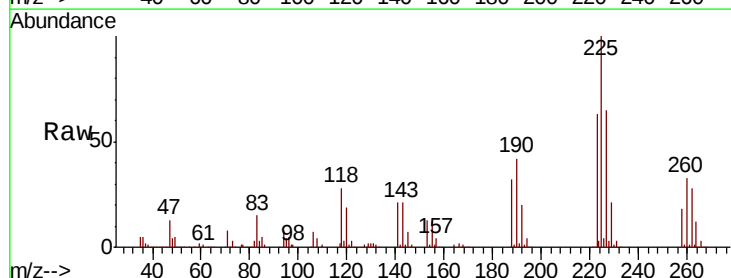
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

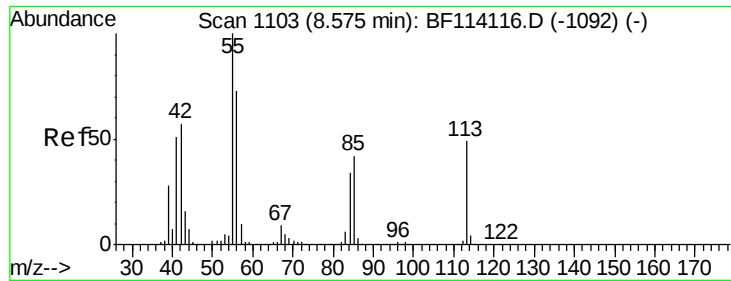
Tgt Ion:	127	Resp:	630916
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.7	40.1
65	31.7	25.4	38.0
92	19.2	15.4	23.2



#34
Hexachlorobutadiene
Concen: 40.574 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Tgt Ion:	225	Resp:	254981
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.2
227	64.5	52.6	79.0

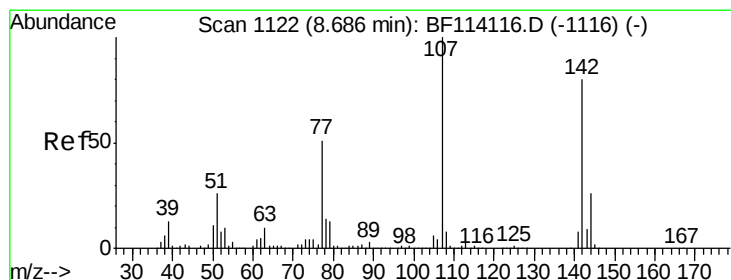
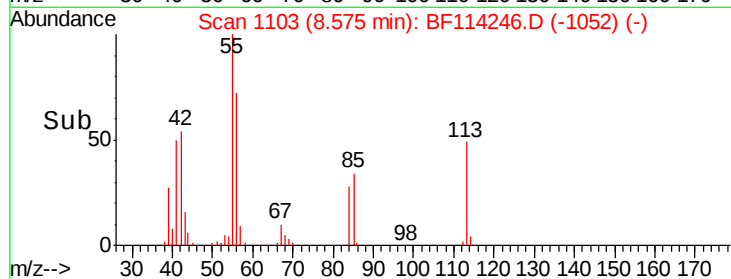
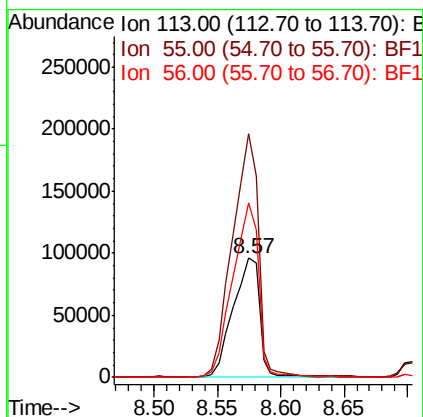
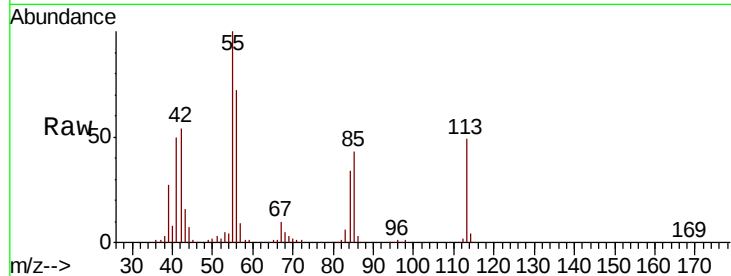




#35
 Caprolactam
 Concen: 43.968 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BF114246.D
 Acq: 13 May 2019 23:40

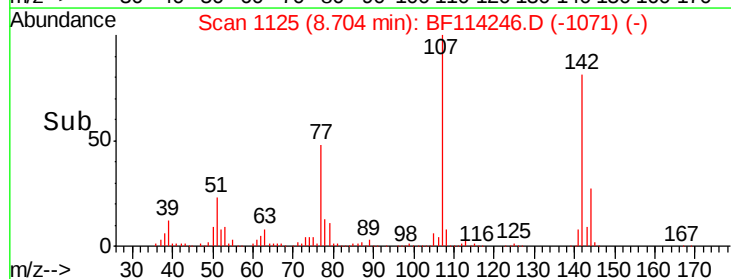
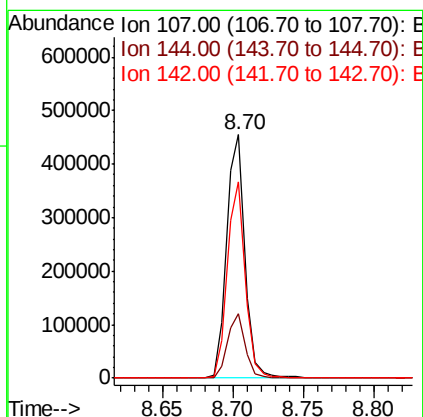
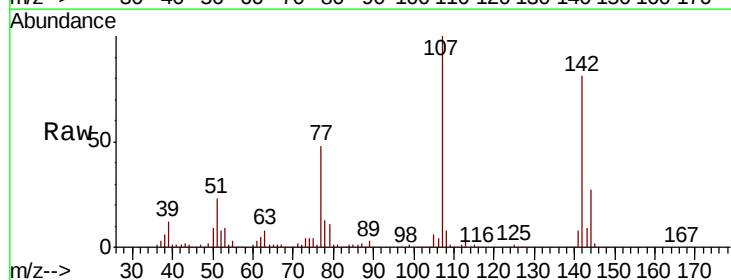
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

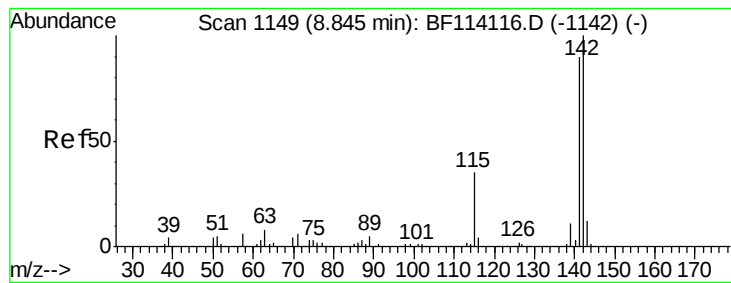
Tgt Ion:113 Resp: 139255
 Ion Ratio Lower Upper
 113 100
 55 204.9 183.5 223.5
 56 146.6 128.8 168.8



#36
 4-Chloro-3-methylphenol
 Concen: 42.091 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.02 min
 Lab File: BF114246.D
 Acq: 13 May 2019 23:40

Tgt Ion:107 Resp: 411526
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.4 30.6
 142 80.8 64.2 96.4





#37

2-Methylnaphthalene

Concen: 42.715 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

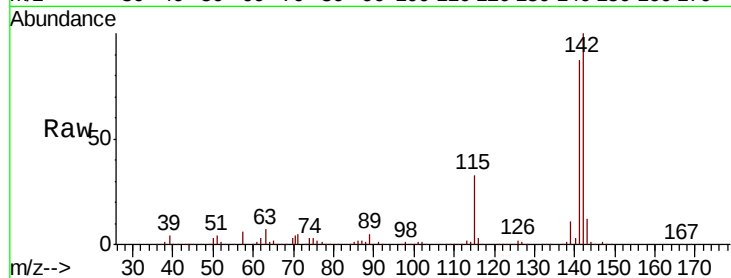
Tgt Ion:142 Resp: 908025

Ion Ratio Lower Upper

142 100

141 87.1 72.1 108.1

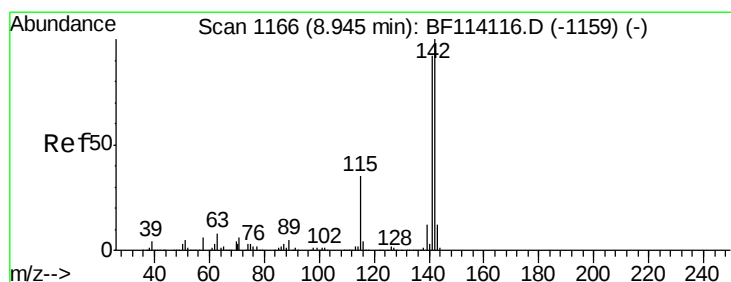
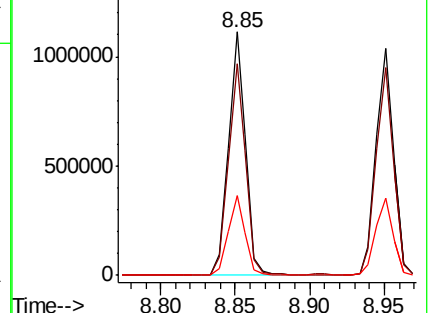
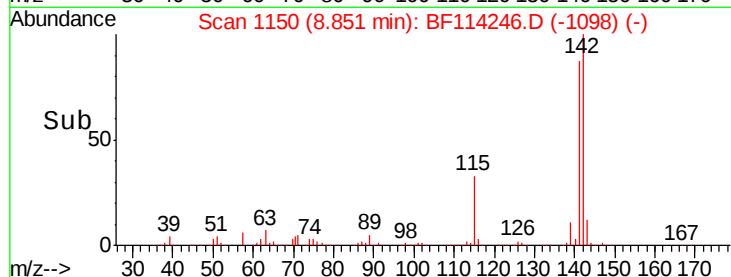
115 32.8 28.0 42.0



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: 42.353 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

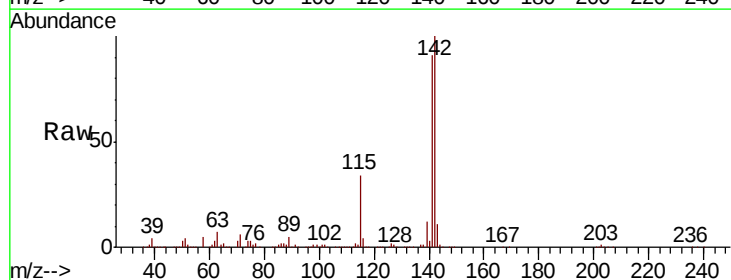
Tgt Ion:142 Resp: 847869

Ion Ratio Lower Upper

142 100

141 91.4 73.4 110.0

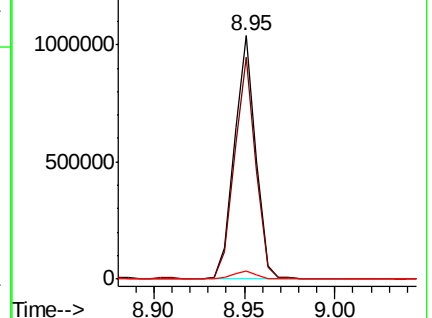
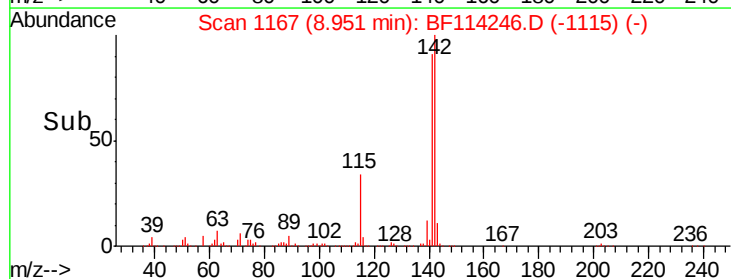
116 3.6 3.1 4.7

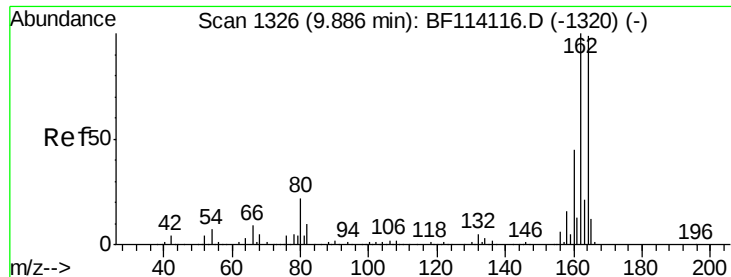


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

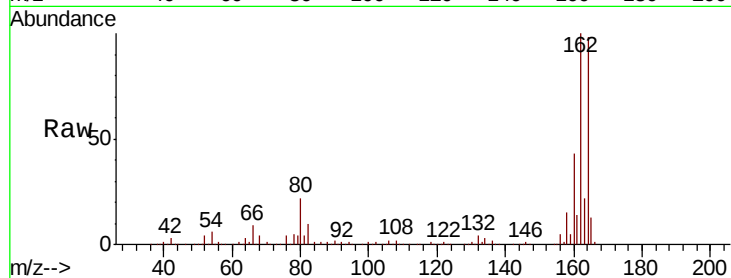
Tgt Ion:164 Resp: 321318

Ion Ratio Lower Upper

164 100

162 102.3 80.6 120.8

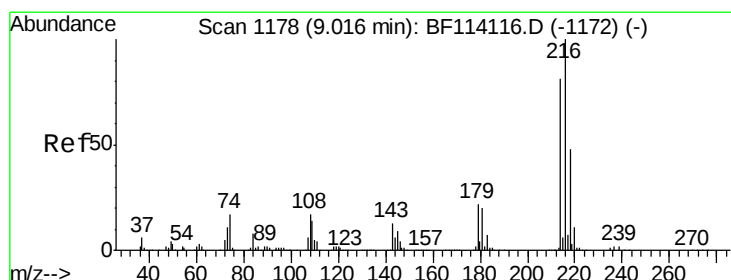
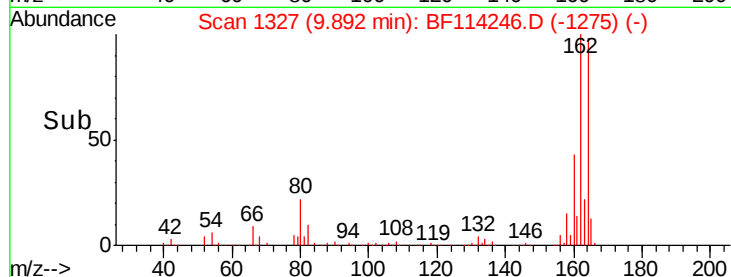
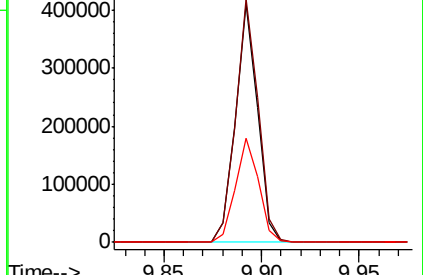
160 43.9 36.5 54.7



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: 42.558 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

Tgt Ion:216 Resp: 414232

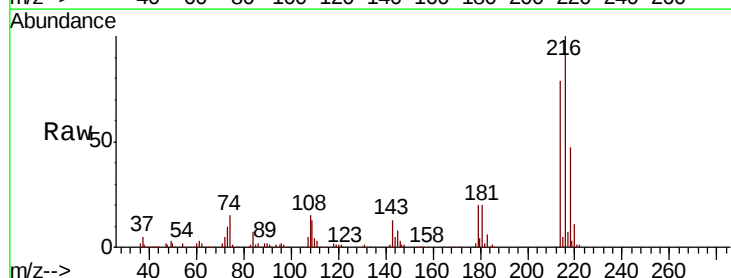
Ion Ratio Lower Upper

216 100

214 79.7 63.9 95.9

179 20.3 17.0 25.6

108 17.3 14.8 22.2

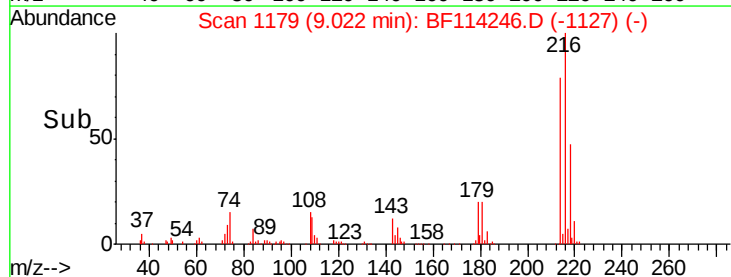
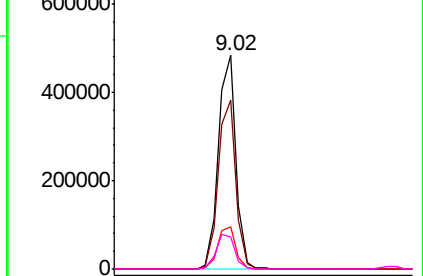


Abundance Ion 216.00 (215.70 to 216.70): E

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: 5.480 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

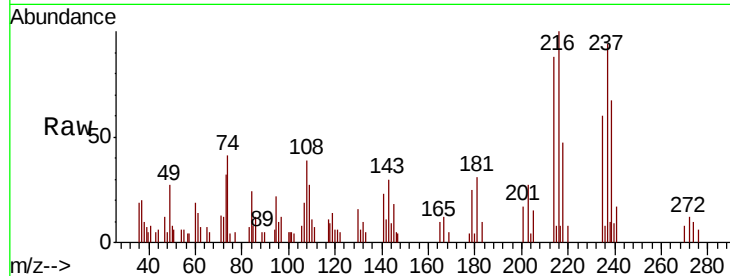
Tgt Ion:237 Resp: 5544

Ion Ratio Lower Upper

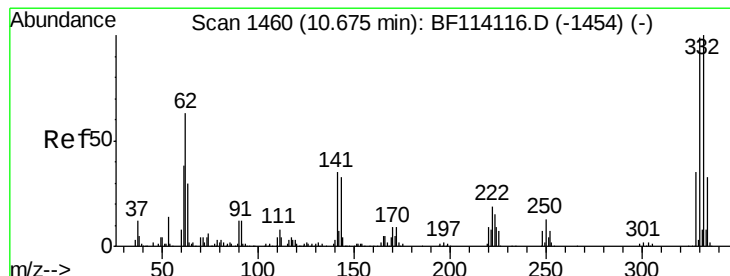
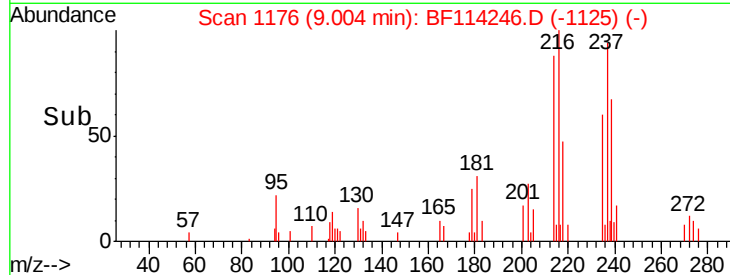
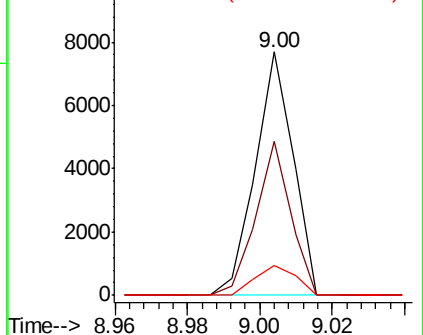
237 100

235 63.3 42.0 82.0

272 12.5 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: 73.291 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

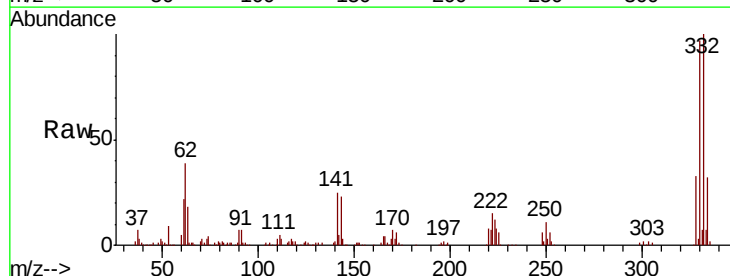
Tgt Ion:330 Resp: 243466

Ion Ratio Lower Upper

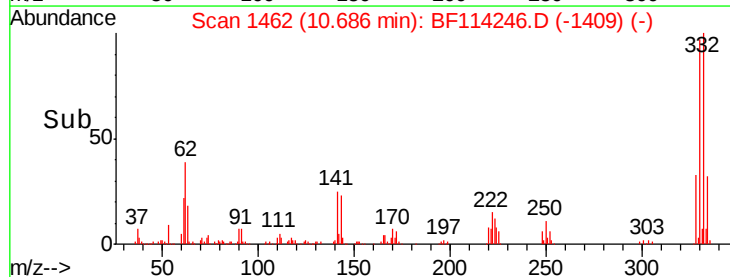
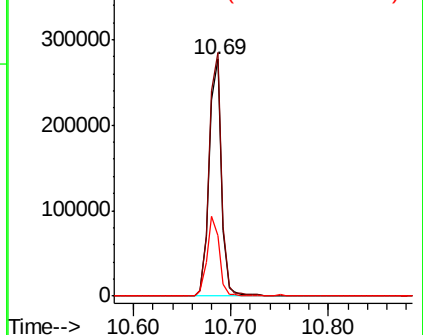
330 100

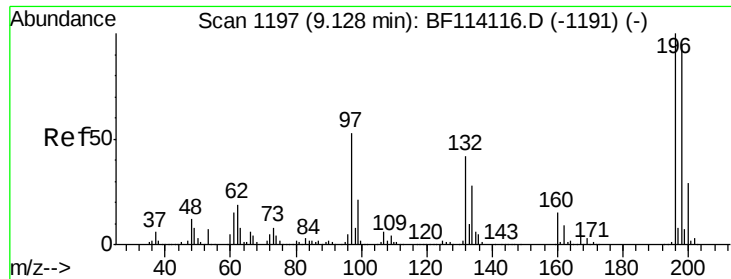
332 103.4 81.4 122.2

141 33.5 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

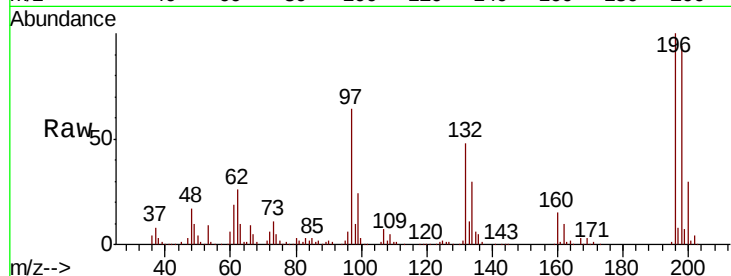




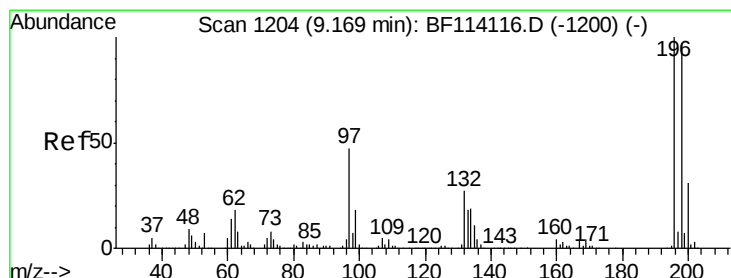
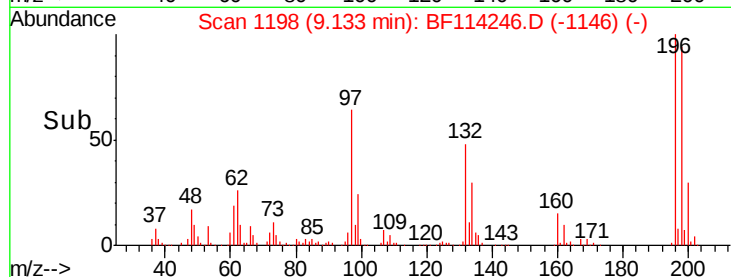
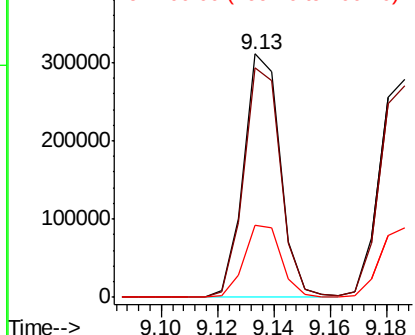
#43
 2,4,6-Trichlorophenol
 Concen: 41.940 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114246.D
 Acq: 13 May 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 280784
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.9 113.9
 200 29.6 23.5 35.3



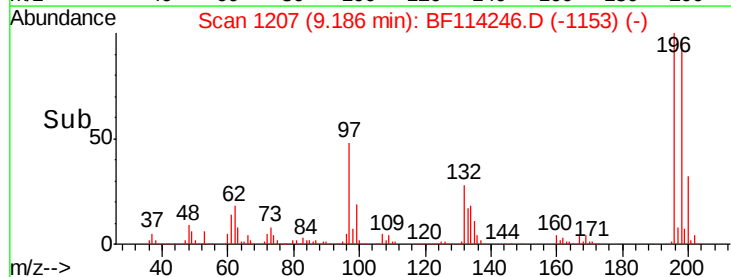
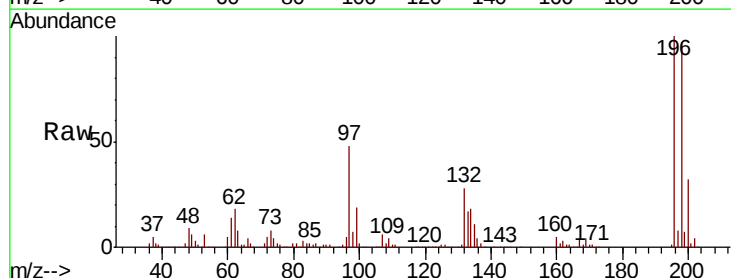
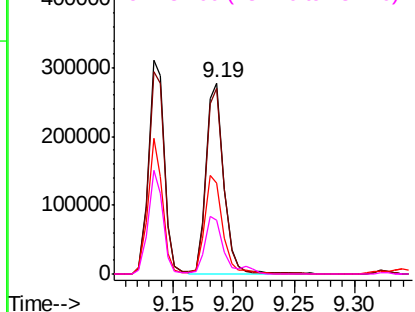
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

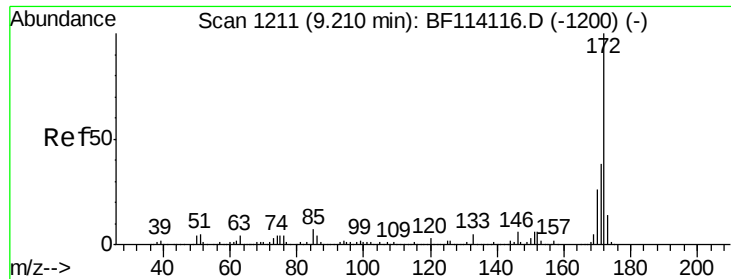


#44
 2,4,5-Trichlorophenol
 Concen: 41.121 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.02 min
 Lab File: BF114246.D
 Acq: 13 May 2019 23:40

Tgt Ion:196 Resp: 282331
 Ion Ratio Lower Upper
 196 100
 198 97.2 77.7 116.5
 97 47.6 38.2 57.2
 132 27.8 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

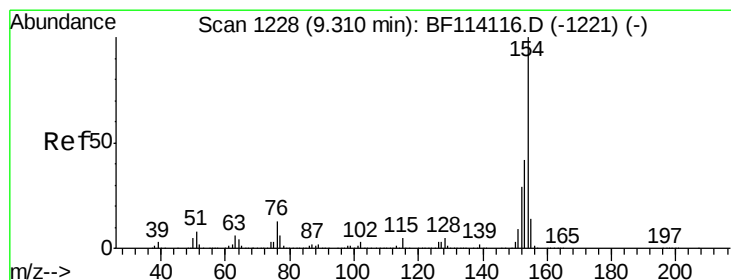
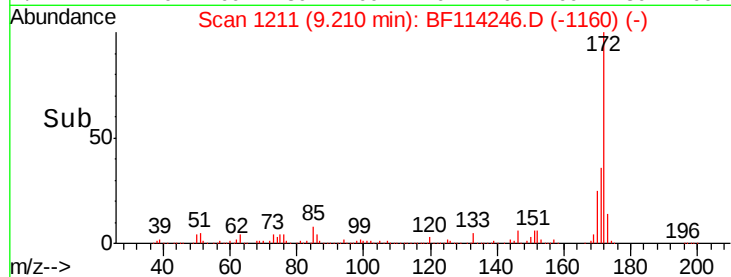
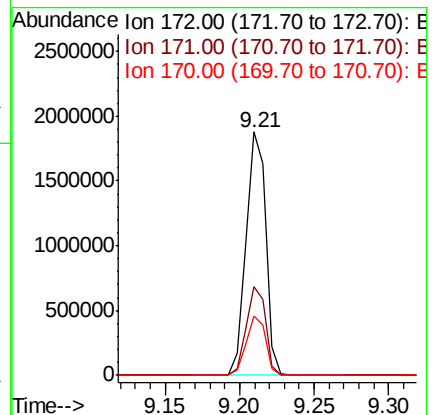
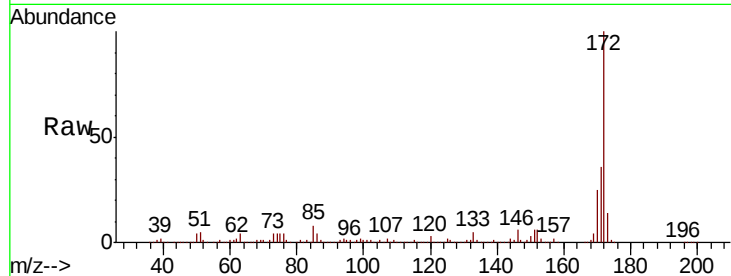




#45
2-Fluorobiphenyl
Concen: 80.813 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

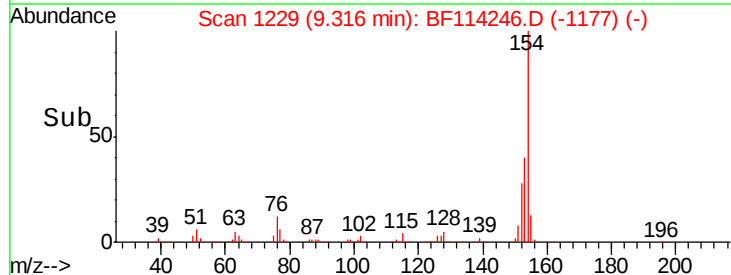
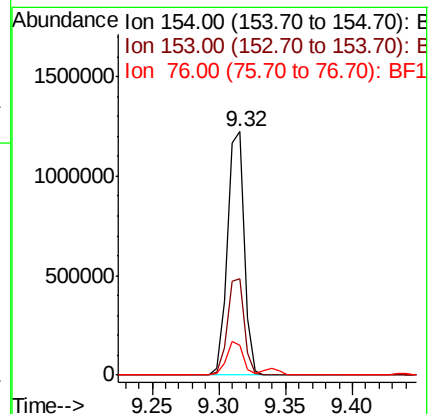
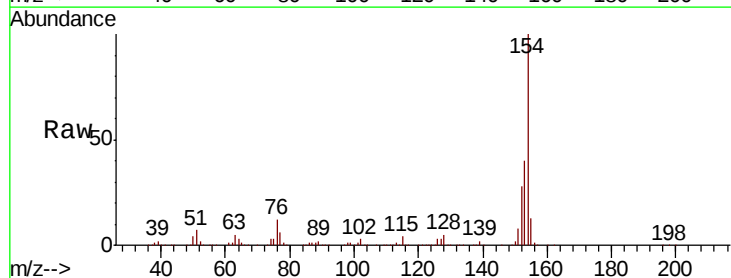
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

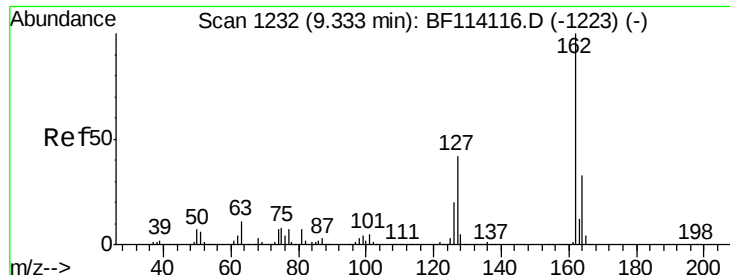
Tgt Ion:172 Resp: 1716607
Ion Ratio Lower Upper
172 100
171 36.4 30.7 46.1
170 24.6 20.5 30.7



#46
1,1'-Biphenyl
Concen: 42.267 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Tgt Ion:154 Resp: 1097179
Ion Ratio Lower Upper
154 100
153 39.7 21.9 61.9
76 12.0 0.0 32.8

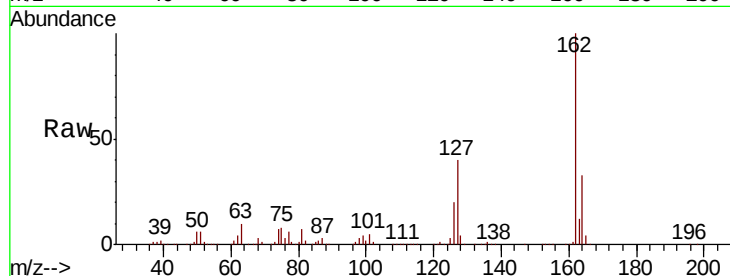




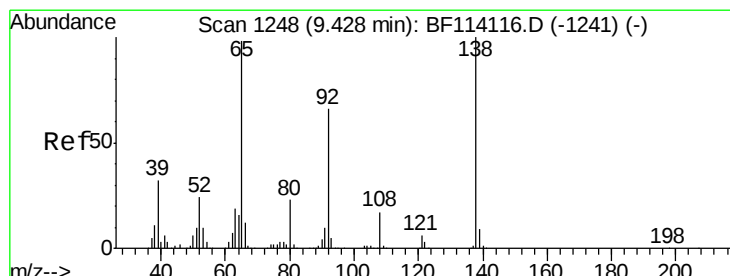
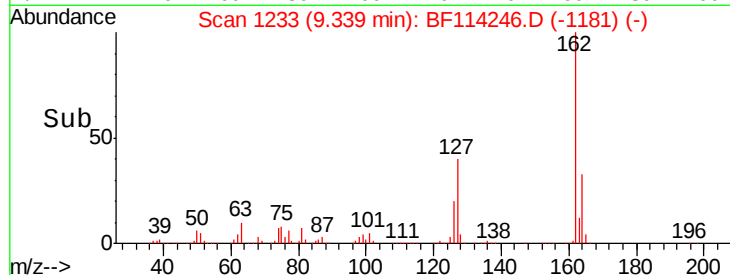
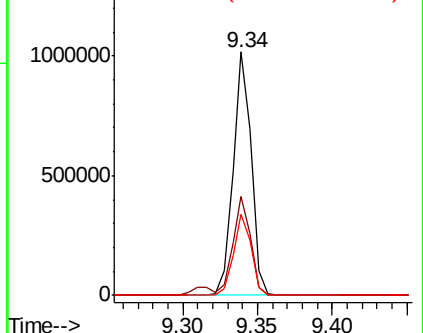
#47
 2-Chloronaphthalene
 Concen: 41.631 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF114246.D
 Acq: 13 May 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	34.0	51.0
164	33.4	26.7	40.1

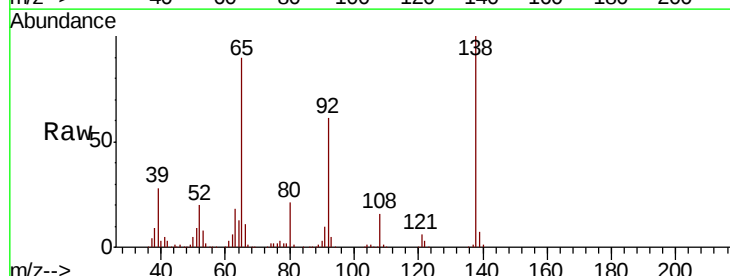


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

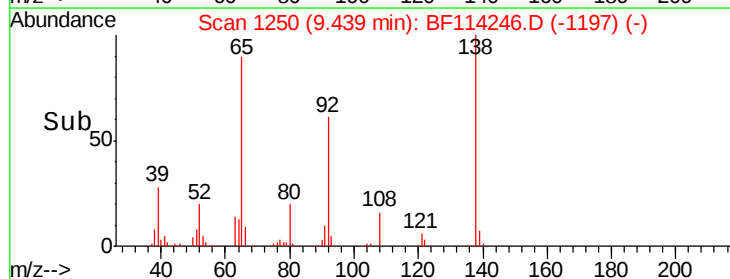
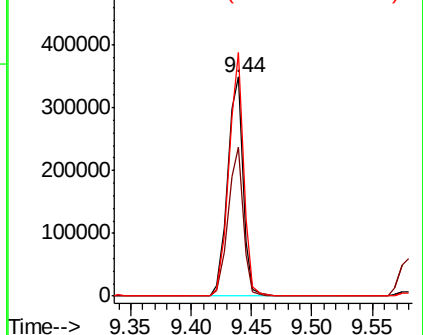


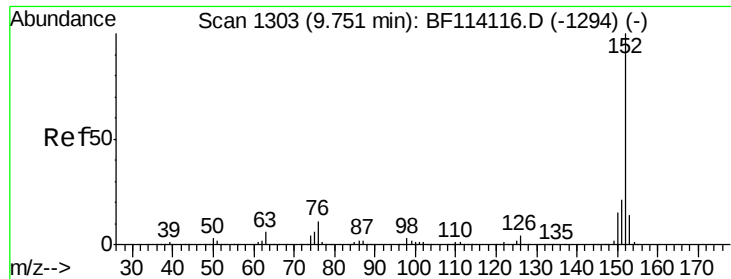
#48
 2-Nitroaniline
 Concen: 42.171 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF114246.D
 Acq: 13 May 2019 23:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	53.9	80.9
138	111.2	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: 41.591 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

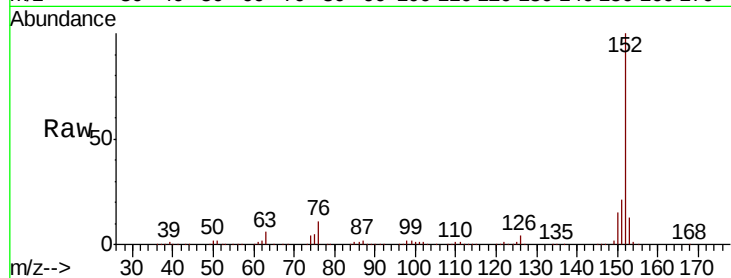
Tgt Ion:152 Resp: 1321510

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

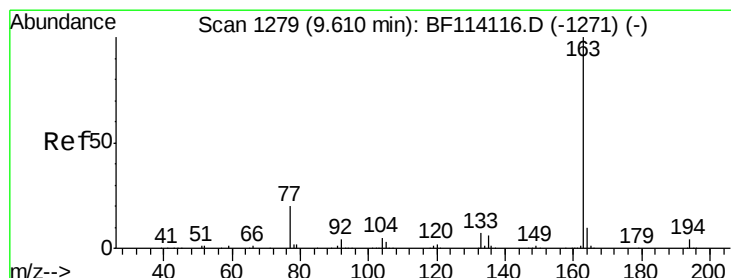
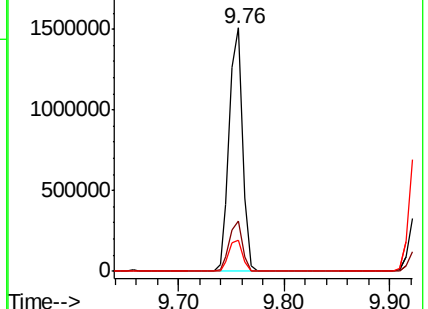
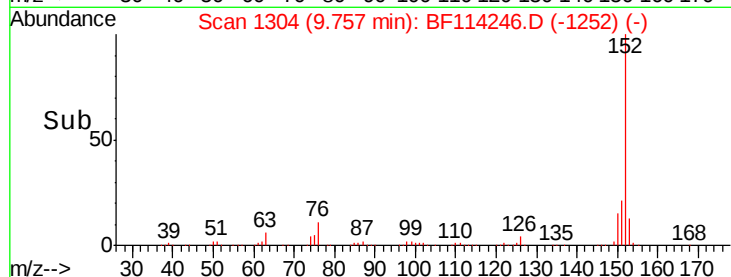
153 13.0 11.4 17.2



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: 42.248 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

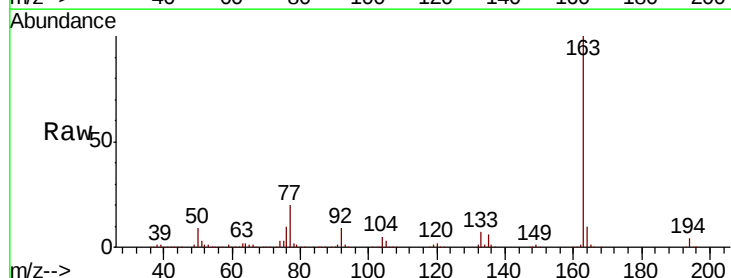
Tgt Ion:163 Resp: 996530

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

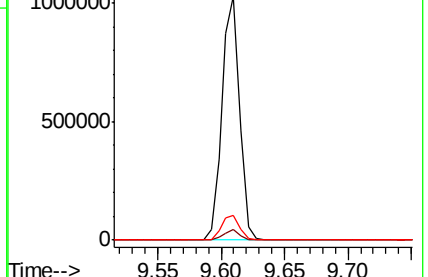
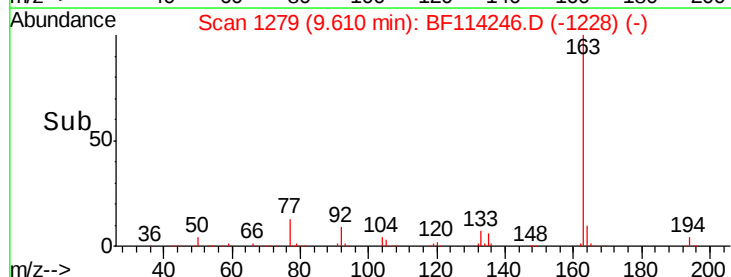
164 10.0 8.2 12.2



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

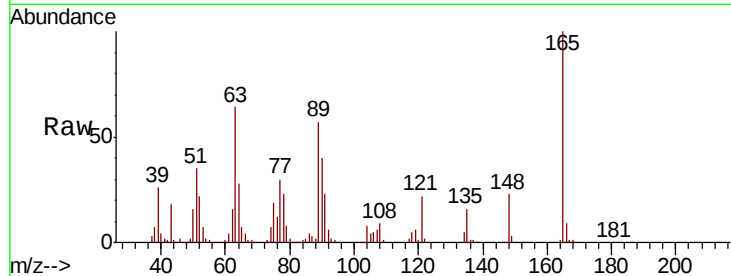




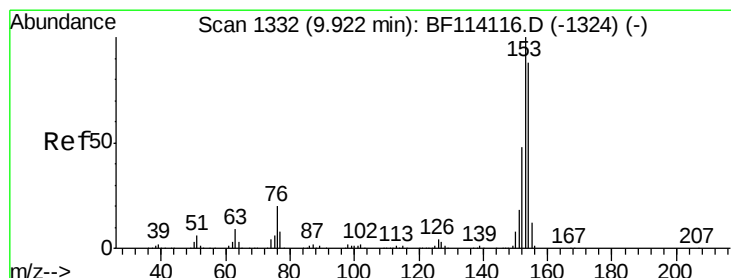
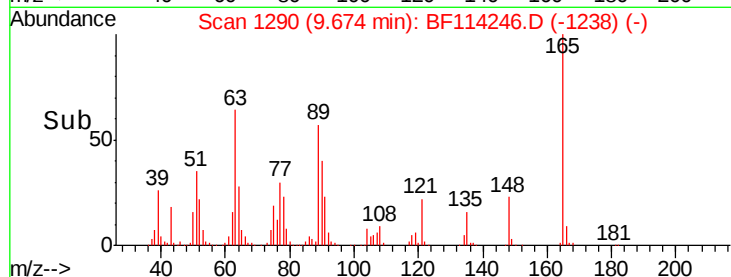
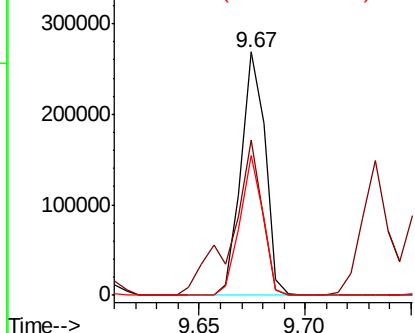
#51
2,6-Dinitrotoluene
Concen: 40.575 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 212279
Ion Ratio Lower Upper
165 100
63 64.0 50.2 75.4
89 57.3 46.6 69.8

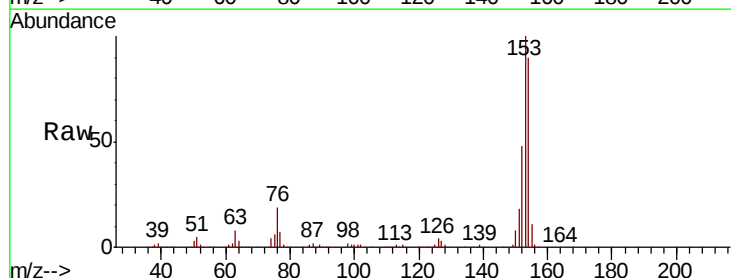


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

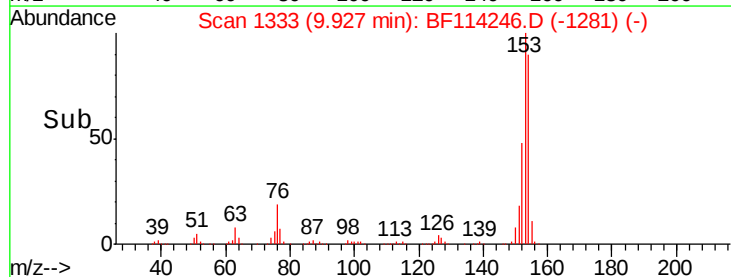
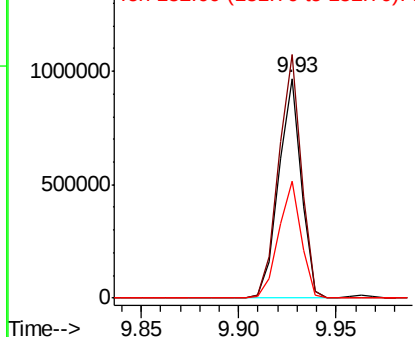


#52
Acenaphthene
Concen: 39.709 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Tgt Ion:154 Resp: 774233
Ion Ratio Lower Upper
154 100
153 111.0 90.5 135.7
152 53.3 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

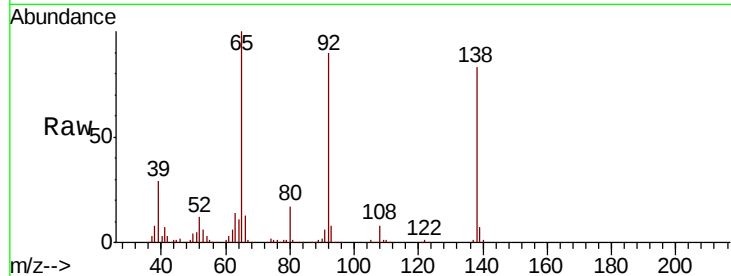




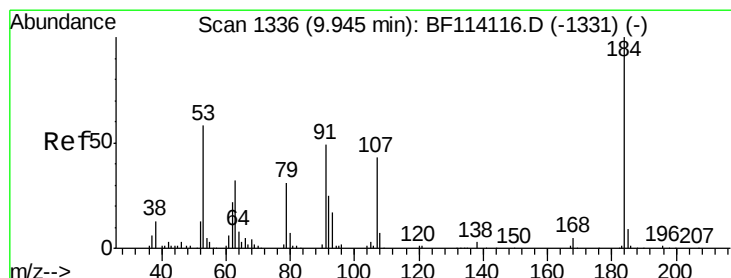
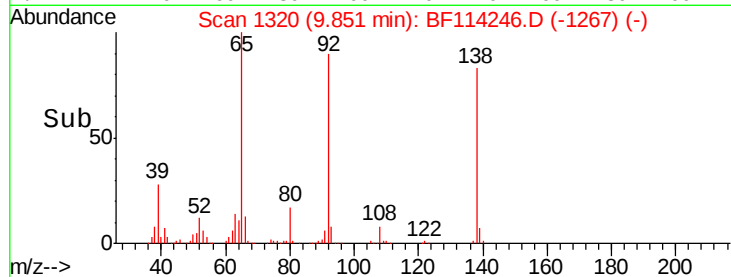
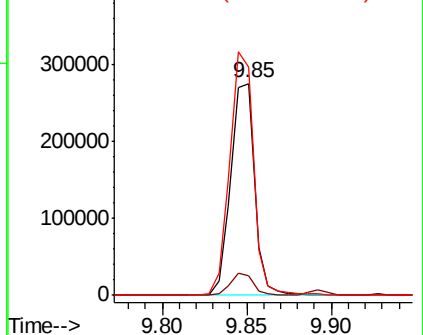
#53
 3-Nitroaniline
 Concen: 41.715 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF114246.D
 Acq: 13 May 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:138 Resp: 270915
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.8 11.6
 92 108.0 91.2 136.8

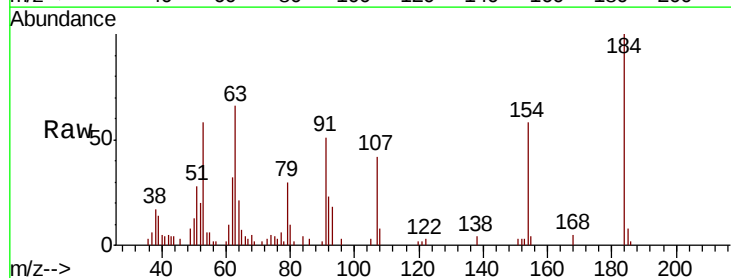


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

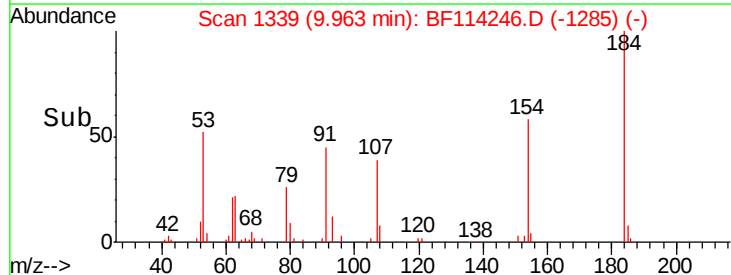
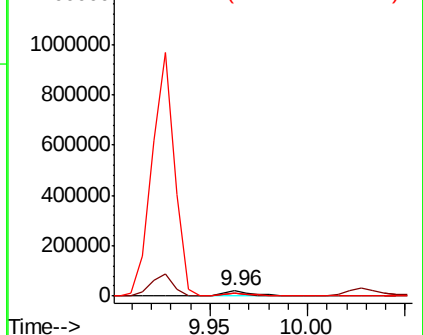


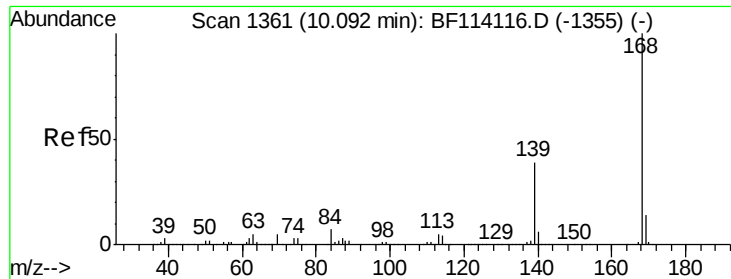
#54
 2,4-Dinitrophenol
 Concen: 14.730 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.02 min
 Lab File: BF114246.D
 Acq: 13 May 2019 23:40

Tgt Ion:184 Resp: 22941
 Ion Ratio Lower Upper
 184 100
 63 66.0 55.6 83.4
 154 57.7 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

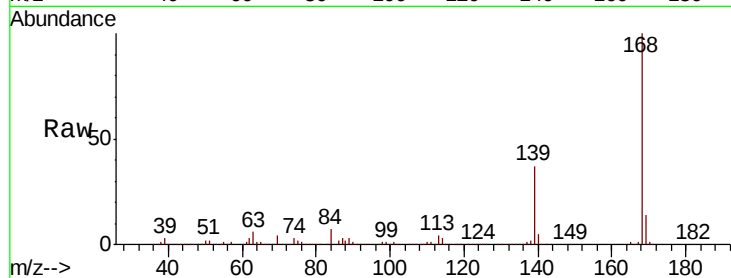




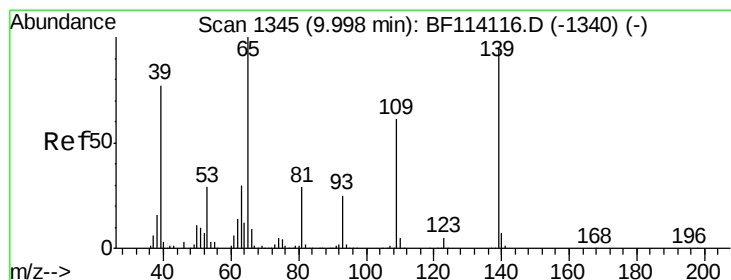
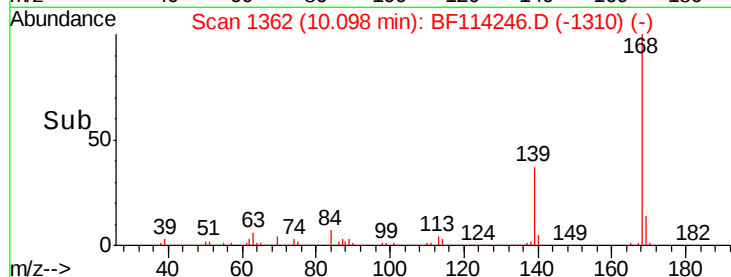
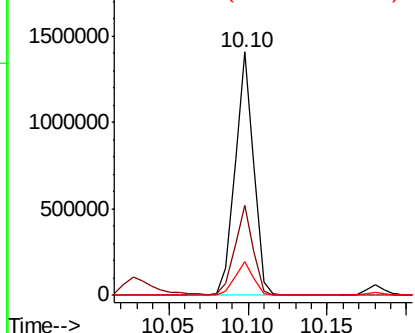
#55
 Dibenzofuran
 Concen: 39.784 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF114246.D
 Acq: 13 May 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:168 Resp: 1137435
 Ion Ratio Lower Upper
 168 100
 139 36.9 31.1 46.7
 169 13.9 11.4 17.0

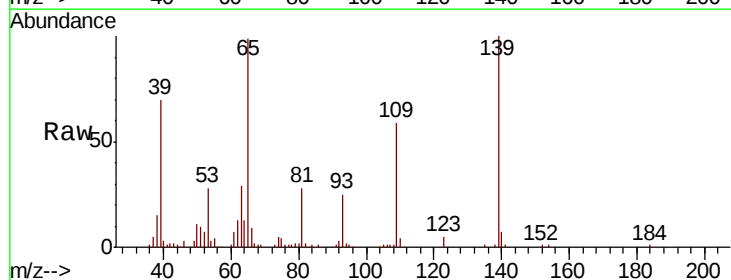


Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

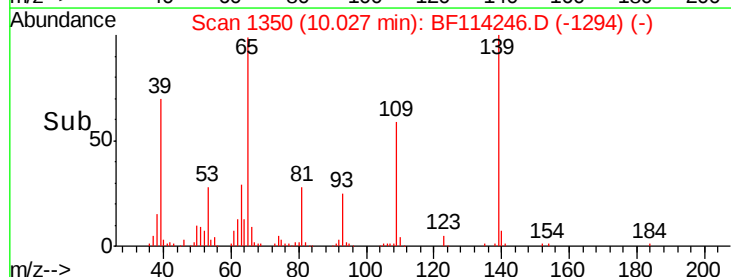
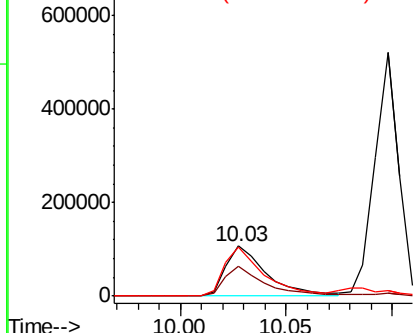


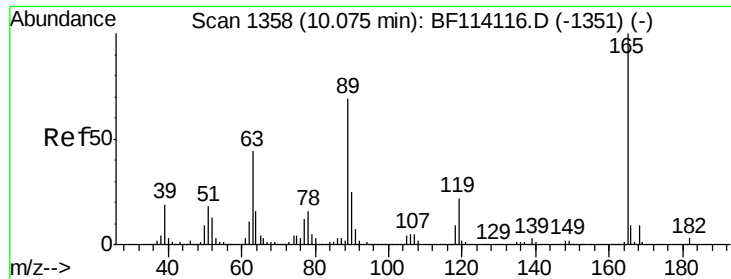
#56
 4-Nitrophenol
 Concen: 31.201 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.03 min
 Lab File: BF114246.D
 Acq: 13 May 2019 23:40

Tgt Ion:139 Resp: 143301
 Ion Ratio Lower Upper
 139 100
 109 59.4 43.9 83.9
 65 98.8 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

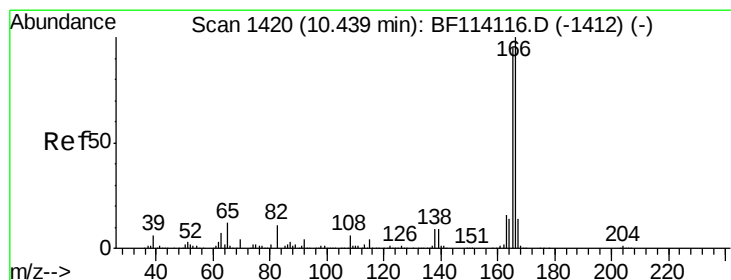
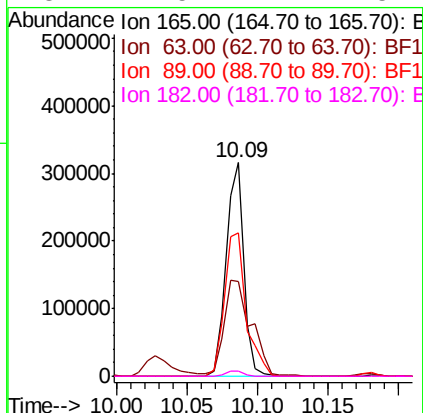
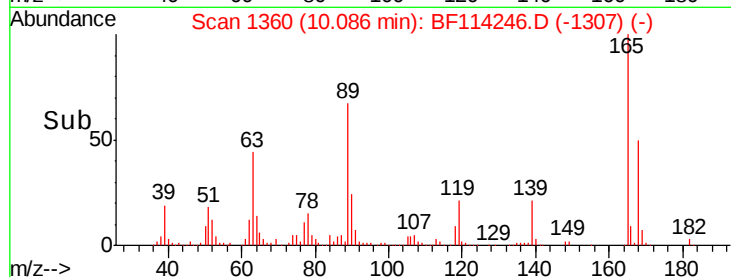
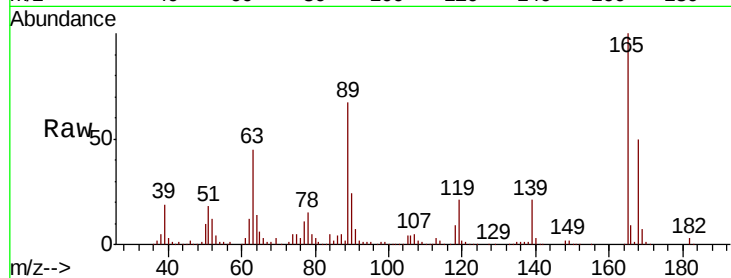




#57
2,4-Dinitrotoluene
Concen: 38.500 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

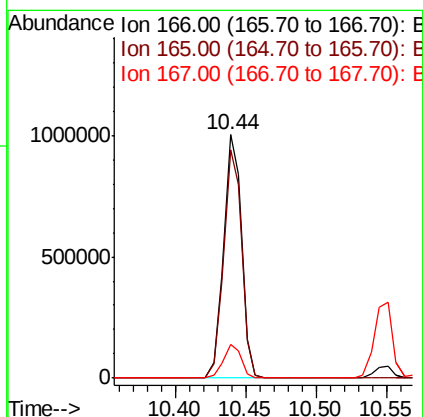
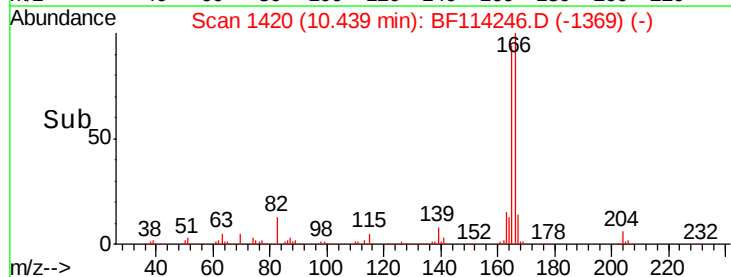
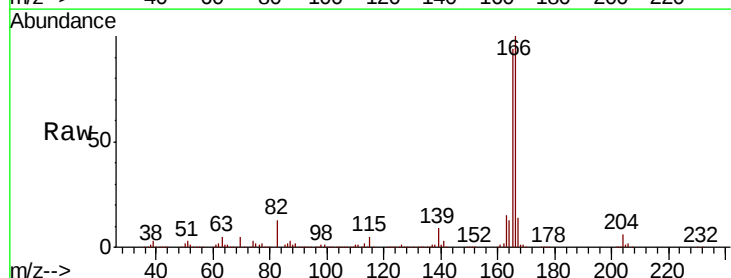
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

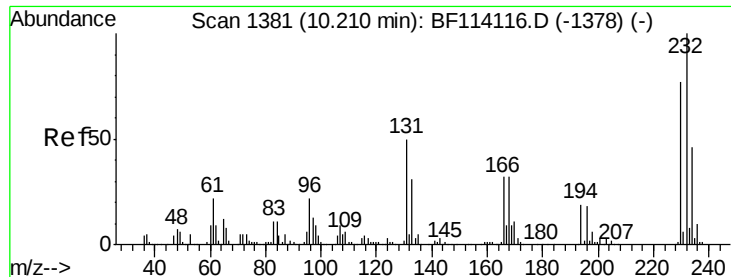
Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.6	35.5	53.3
89	67.3	55.2	82.8
182	2.5	2.2	3.2



#58
Fluorene
Concen: 40.183 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.9	76.1	114.1
167	13.8	11.1	16.7

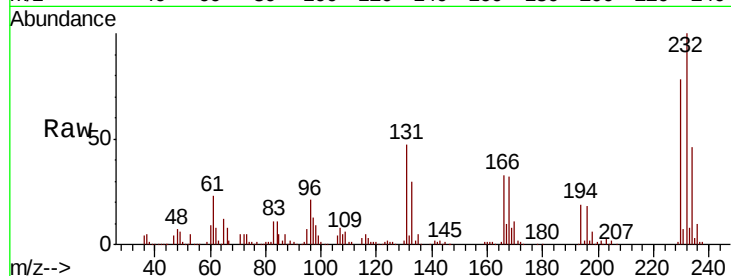




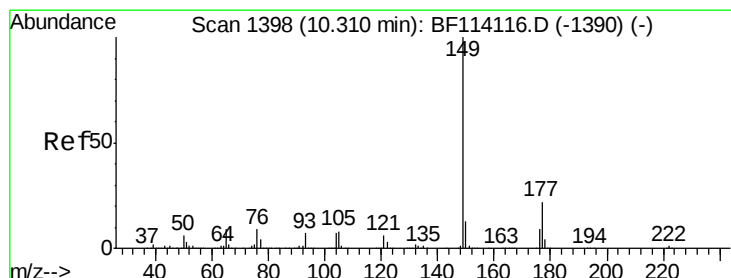
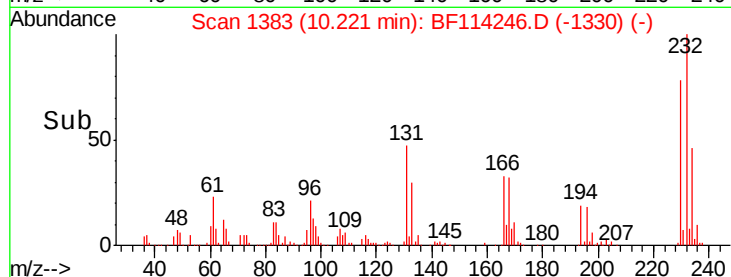
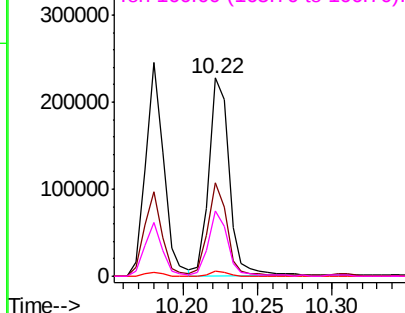
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.298 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 232 Resp: 215035
Ion Ratio Lower Upper
232 100
131 45.0 35.6 53.4
130 2.2 1.6 2.4
166 30.8 24.1 36.1

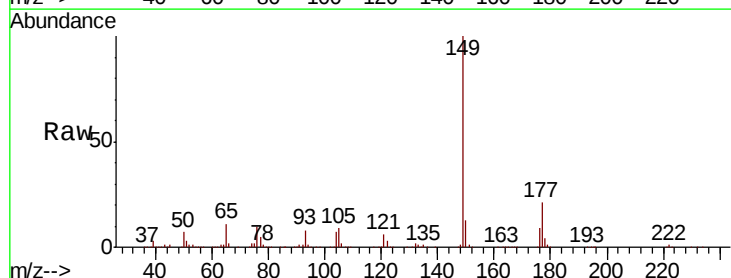


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

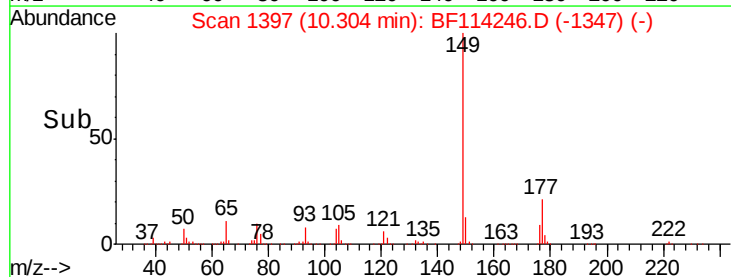
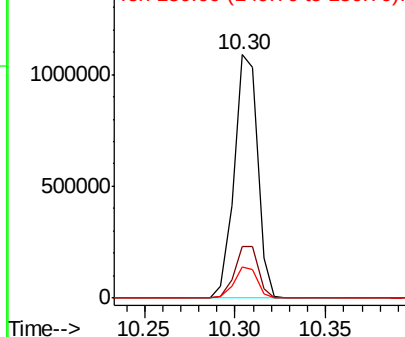


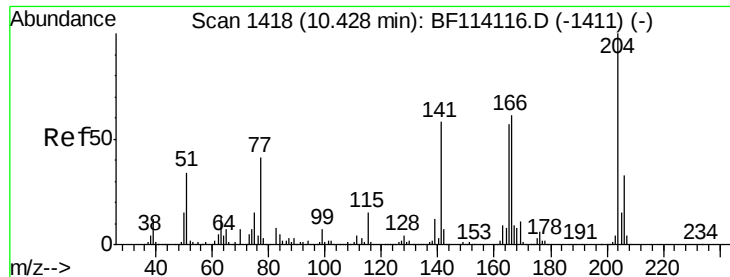
#60
Diethylphthalate
Concen: 40.904 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Tgt Ion: 149 Resp: 980323
Ion Ratio Lower Upper
149 100
177 21.0 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

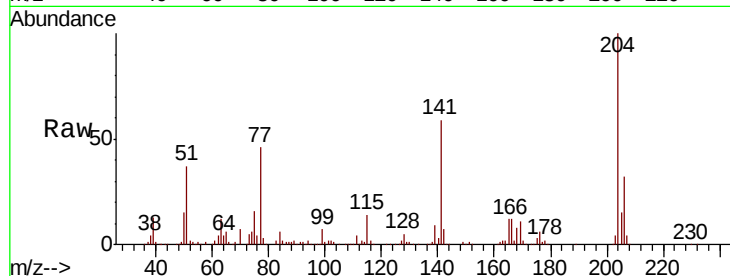




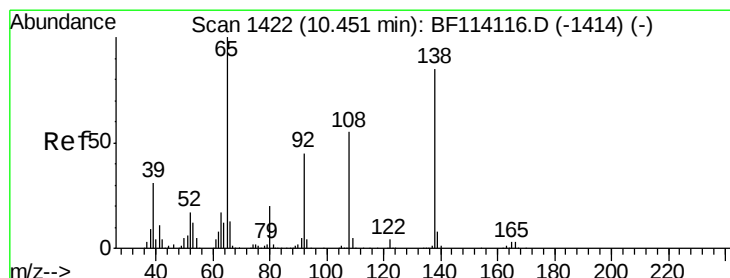
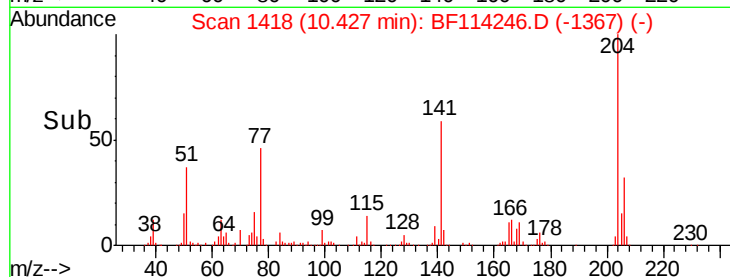
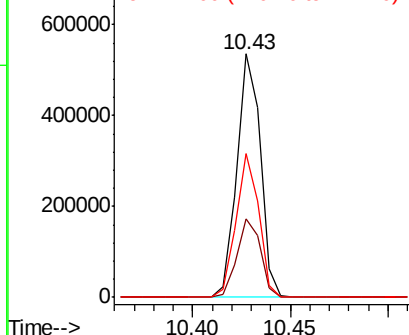
#61
4-Chlorophenyl-phenylether
Concen: 41.171 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 446555
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 59.0 46.4 69.6

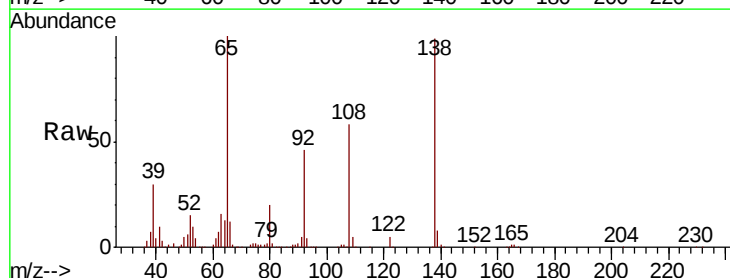


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

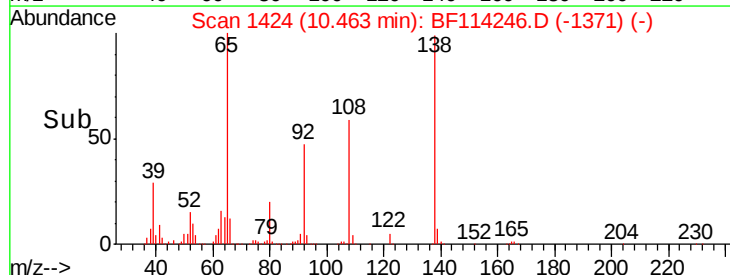
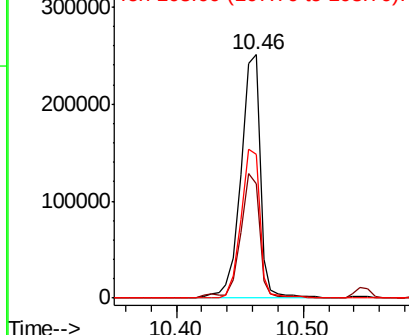


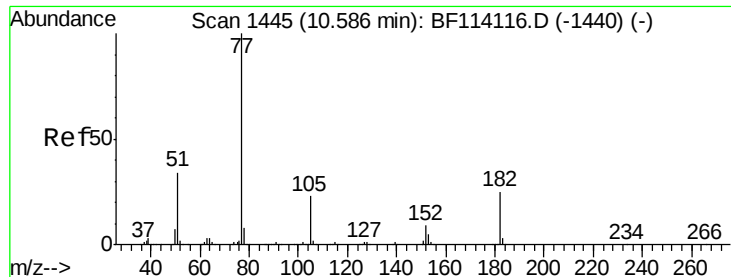
#62
4-Nitroaniline
Concen: 38.352 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Tgt Ion:138 Resp: 261731
Ion Ratio Lower Upper
138 100
92 47.0 33.0 73.0
108 59.3 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: 39.630 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 919349

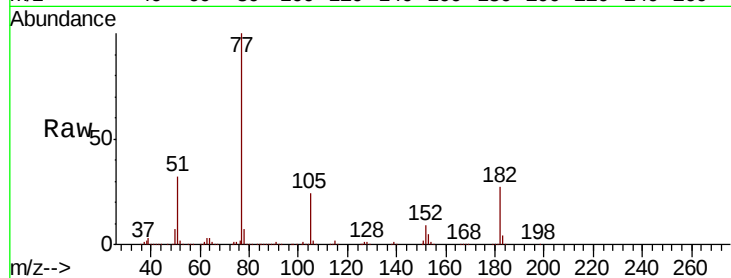
Ion Ratio Lower Upper

77 100

182 26.5 4.7 44.7

105 23.7 2.9 42.9

51 32.0 14.6 54.6

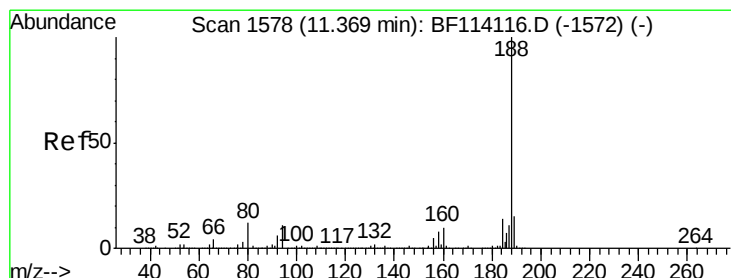
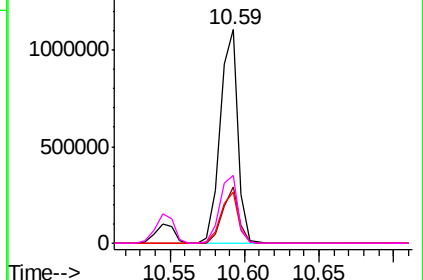
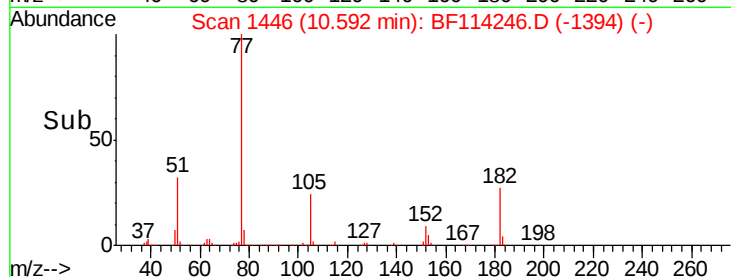


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.38 min Scan# 1580

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

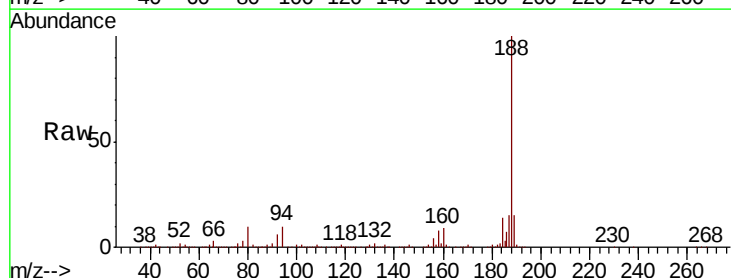
Tgt Ion: 188 Resp: 573560

Ion Ratio Lower Upper

188 100

94 9.8 8.4 12.6

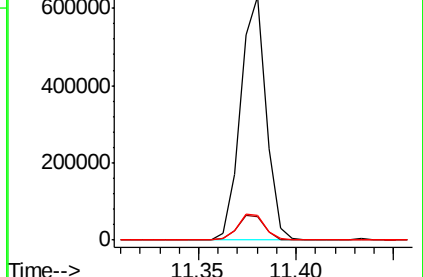
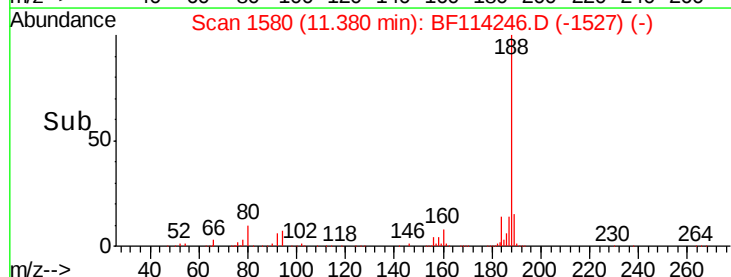
80 10.1 9.2 13.8

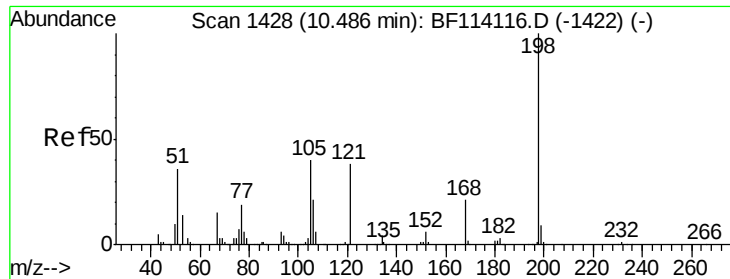


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

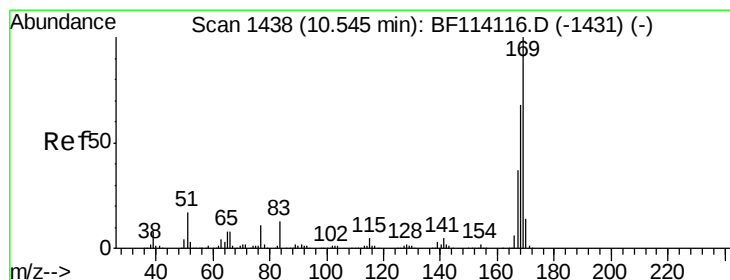
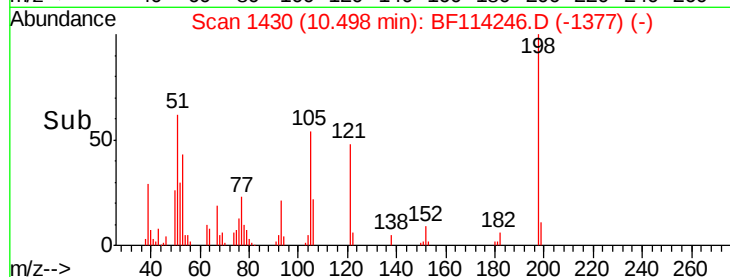
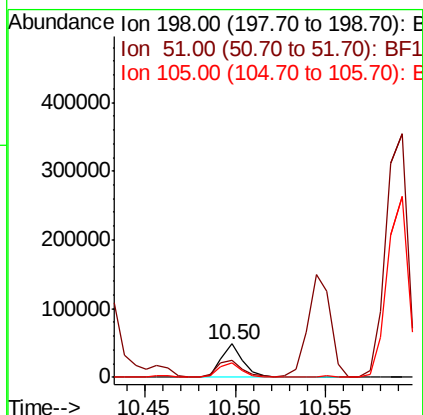
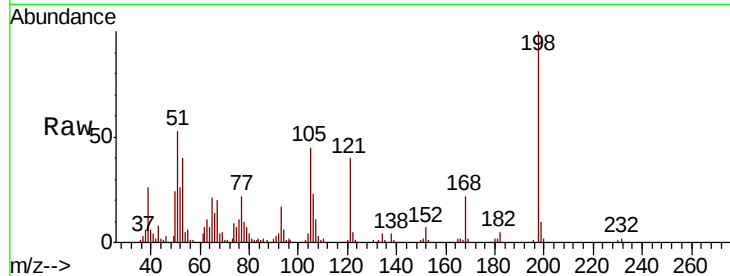




#65
4,6-Dinitro-2-methylphenol
Concen: 15.335 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

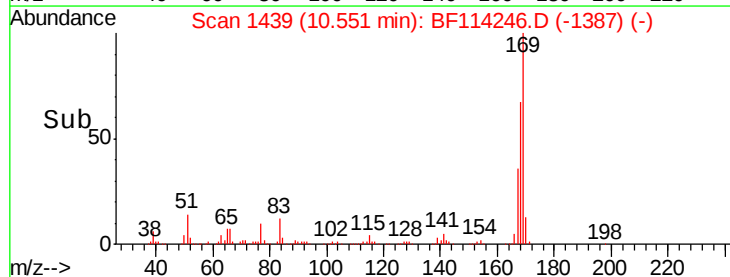
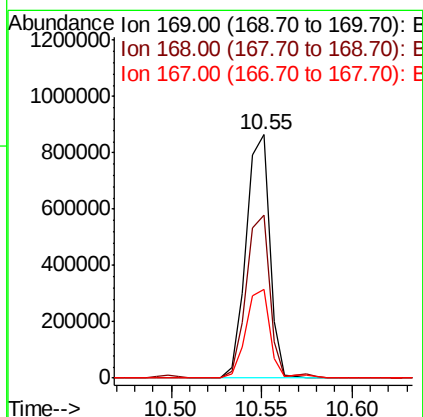
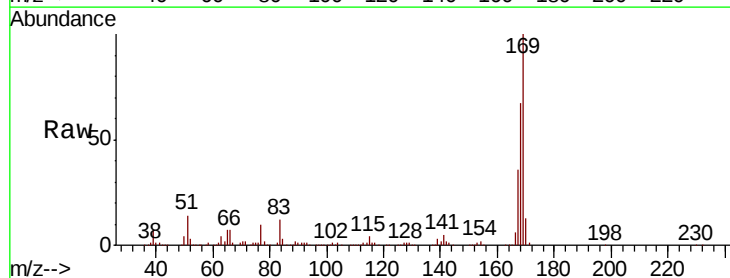
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

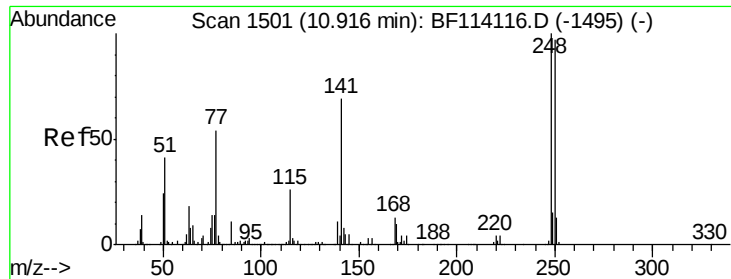
Tgt Ion:198 Resp: 42264
Ion Ratio Lower Upper
198 100
51 52.5 28.0 68.0
105 44.6 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 45.113 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Tgt Ion:169 Resp: 785311
Ion Ratio Lower Upper
169 100
168 66.8 54.2 81.2
167 36.5 29.8 44.8

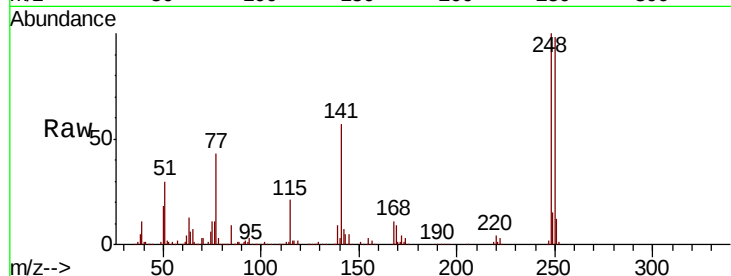




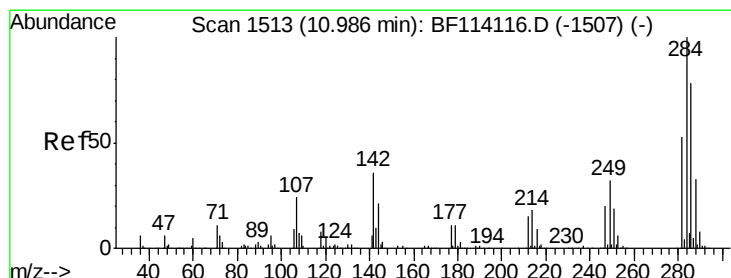
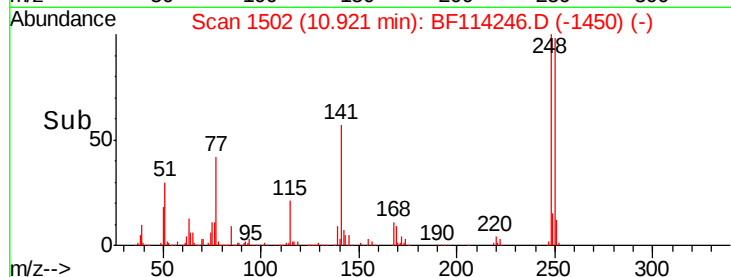
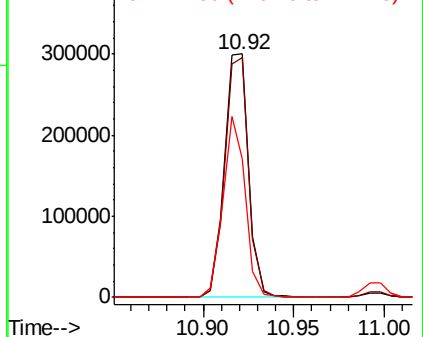
#67
4-Bromophenyl-phenylether
Concen: 44.355 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 280108
Ion Ratio Lower Upper
248 100
250 98.3 77.4 116.2
141 57.0 55.6 83.4

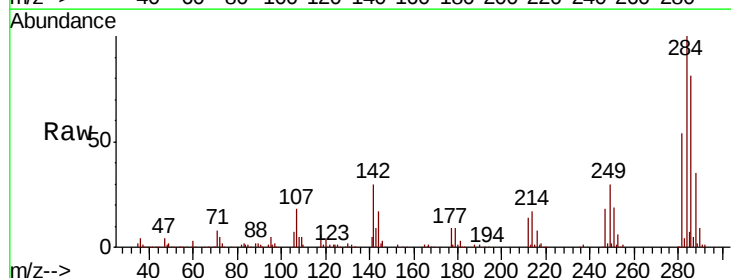


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

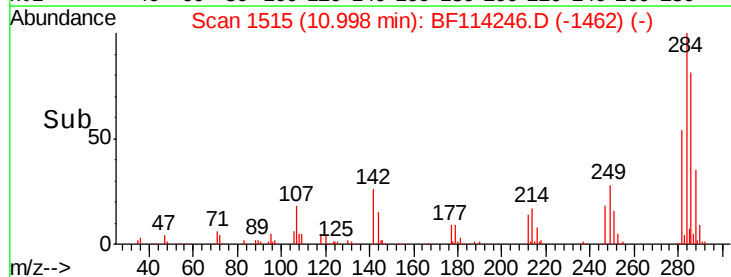
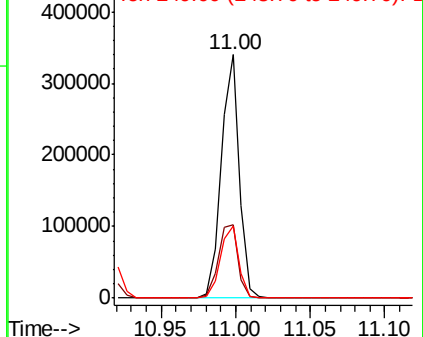


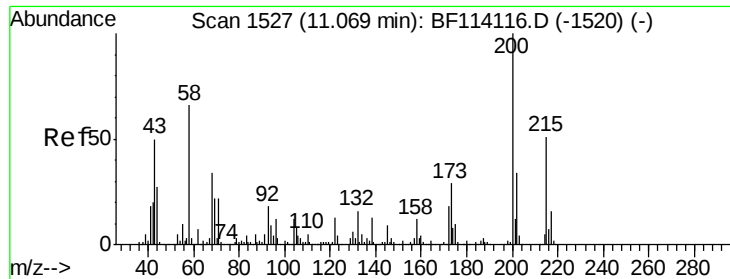
#68
Hexachlorobenzene
Concen: 41.542 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Tgt Ion:284 Resp: 290223
Ion Ratio Lower Upper
284 100
142 29.9 28.4 42.6
249 29.7 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: 44.390 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

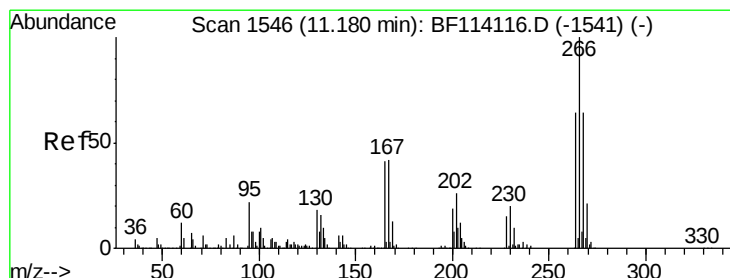
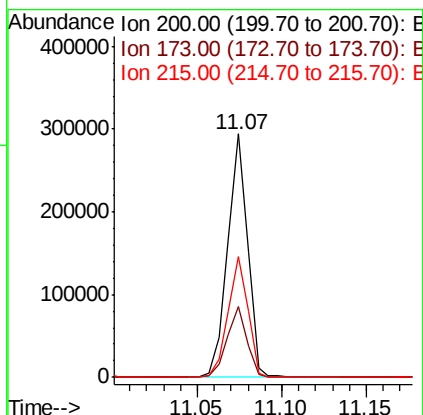
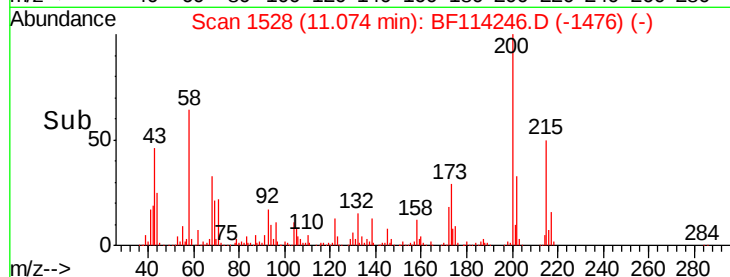
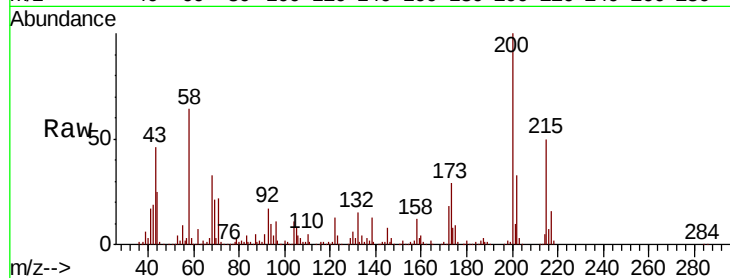
Tgt Ion:200 Resp: 240467

Ion Ratio Lower Upper

200 100

173 28.9 8.9 48.9

215 49.6 30.7 70.7



#70

Pentachlorophenol

Concen: 31.306 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

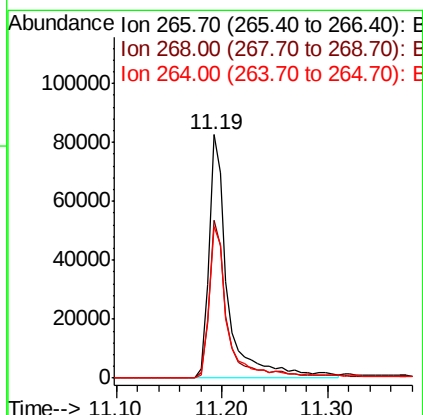
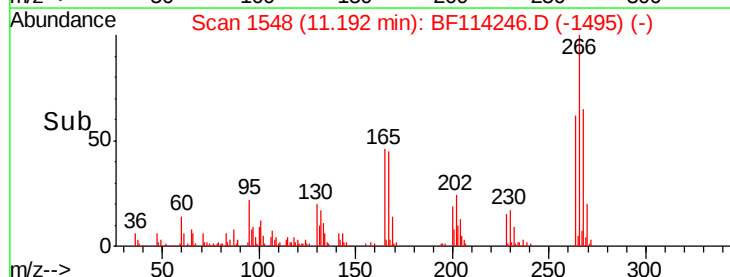
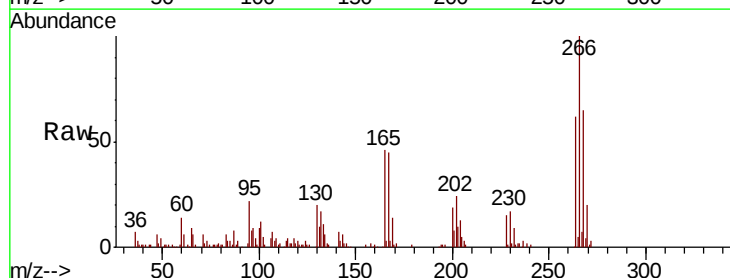
Tgt Ion:266 Resp: 103679

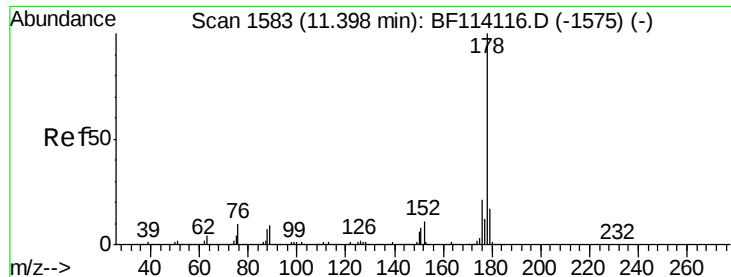
Ion Ratio Lower Upper

266 100

268 64.9 51.1 76.7

264 62.1 51.1 76.7

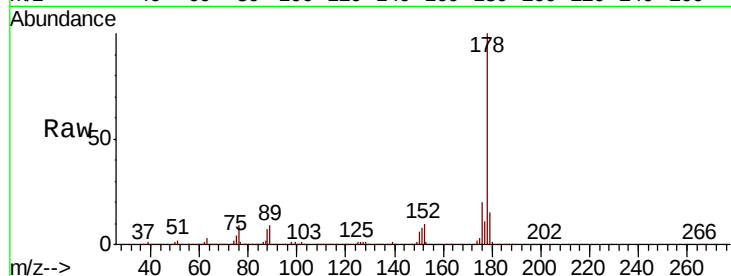




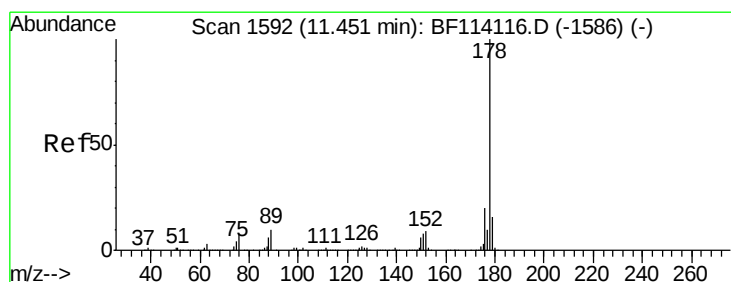
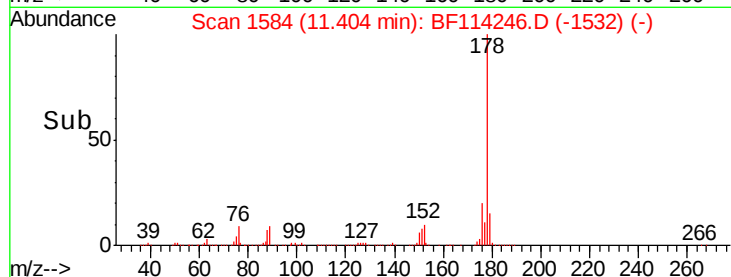
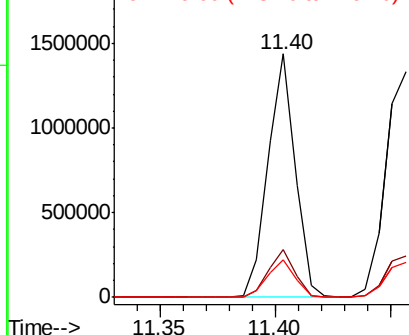
#71
Phenanthrene
Concen: 42.321 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1180952
Ion Ratio Lower Upper
178 100
176 19.7 16.4 24.6
179 15.5 13.2 19.8

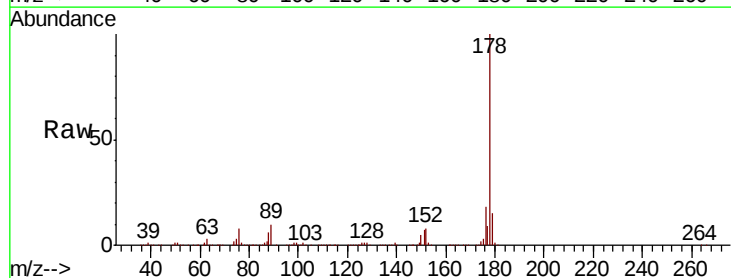


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

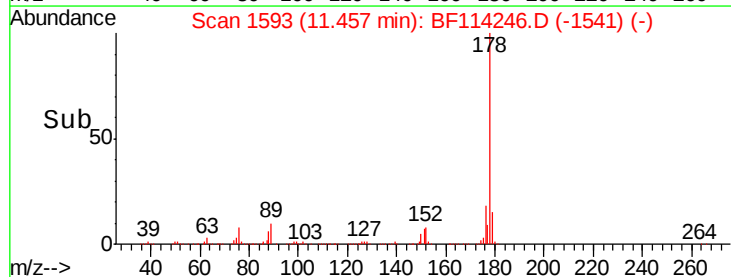
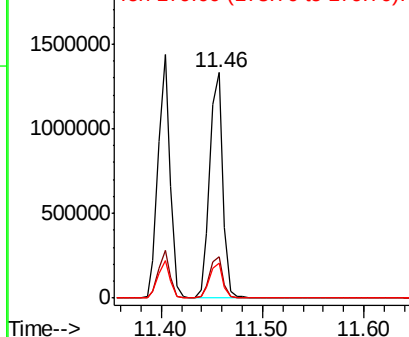


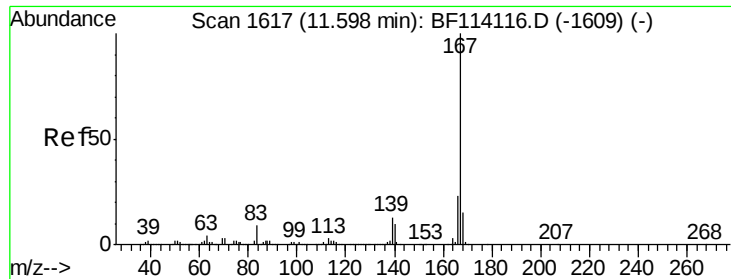
#72
Anthracene
Concen: 42.927 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Tgt Ion:178 Resp: 1203130
Ion Ratio Lower Upper
178 100
176 18.5 15.8 23.8
179 15.4 13.0 19.4



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

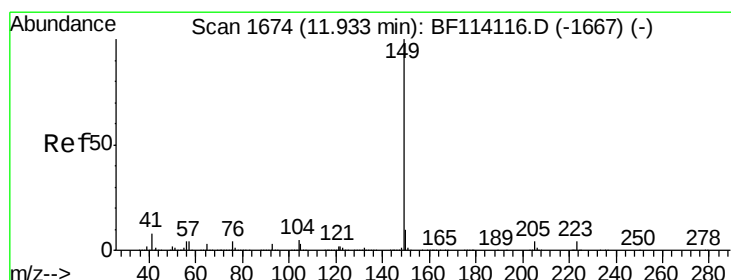
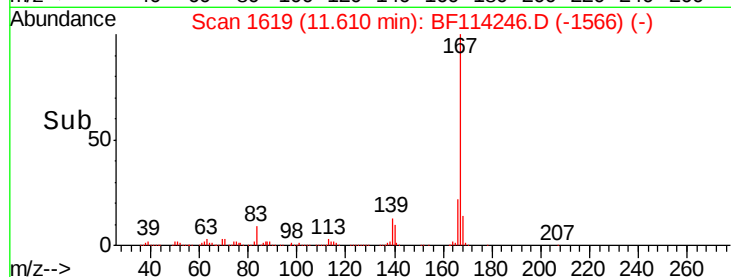
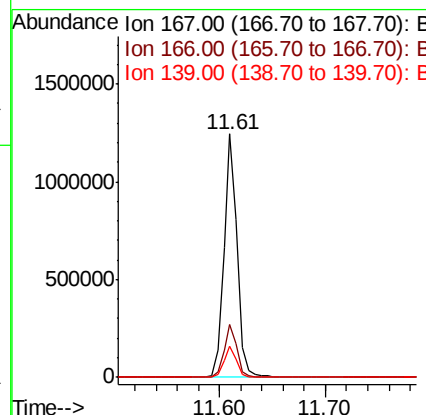
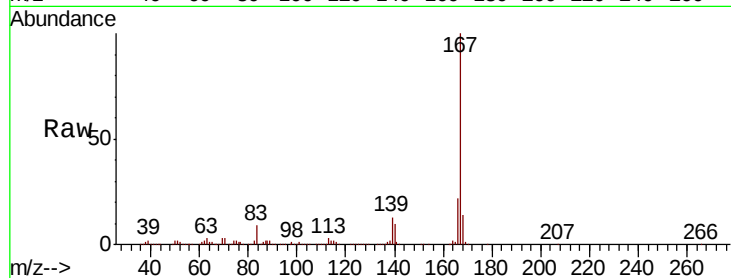




#73
 Carbazole
 Concen: 40.977 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF114246.D
 Acq: 13 May 2019 23:40

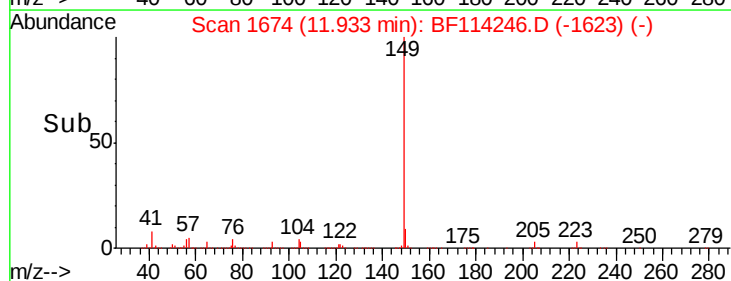
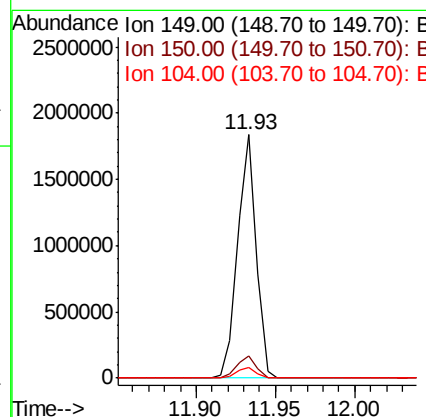
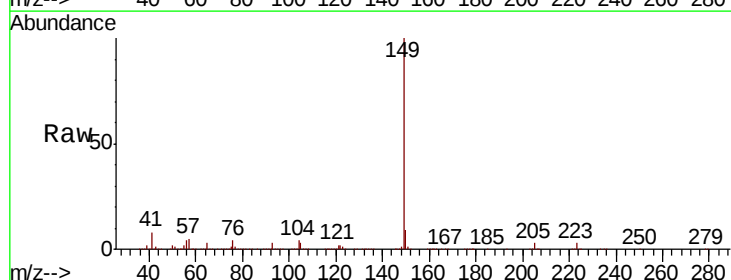
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

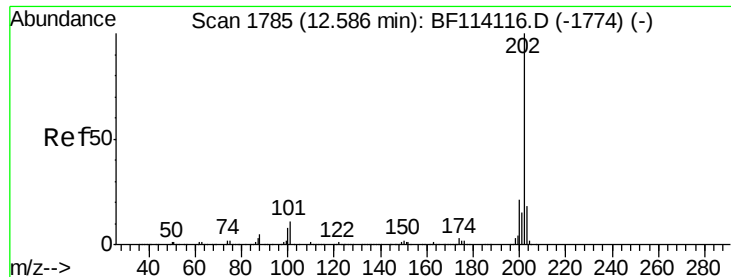
Tgt Ion:167 Resp: 1095196
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.2
 139 12.7 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 48.414 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BF114246.D
 Acq: 13 May 2019 23:40

Tgt Ion:149 Resp: 1490728
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 38.077 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

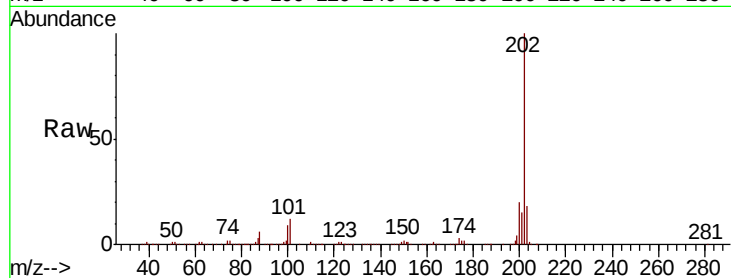
Tgt Ion:202 Resp: 1144181

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.0

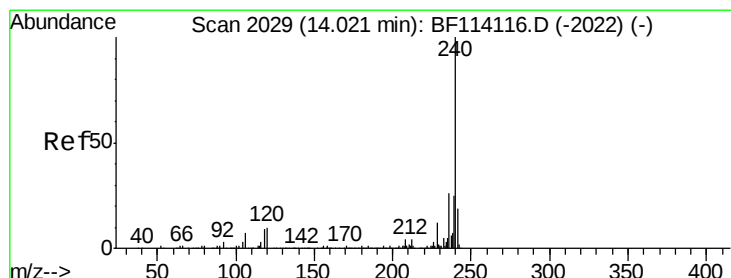
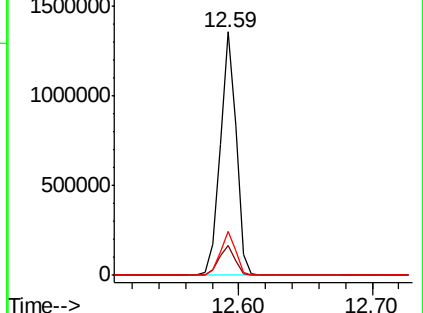
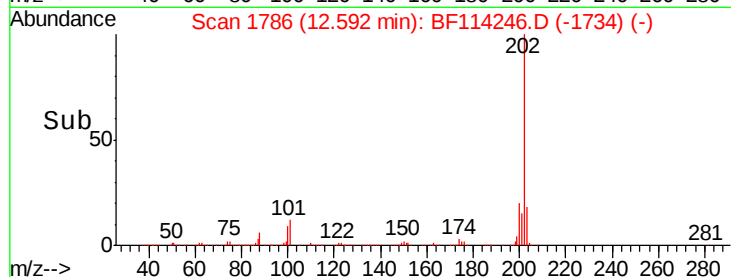
203 18.1 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

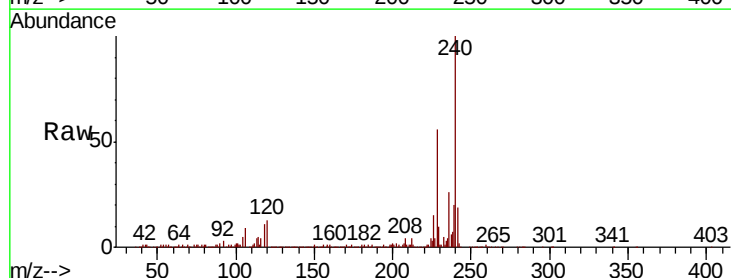
Tgt Ion:240 Resp: 391879

Ion Ratio Lower Upper

240 100

120 13.3 8.3 12.5#

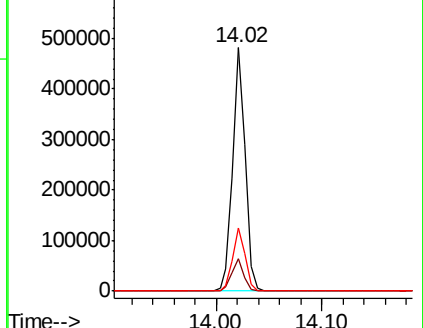
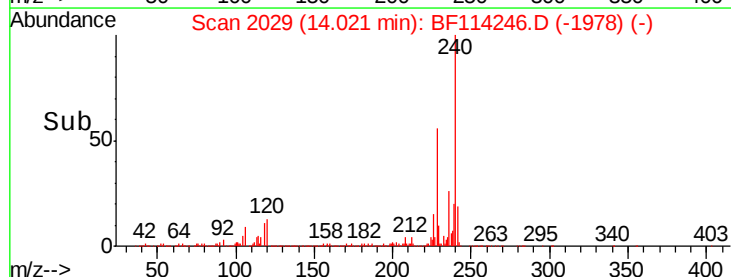
236 25.9 20.8 31.2

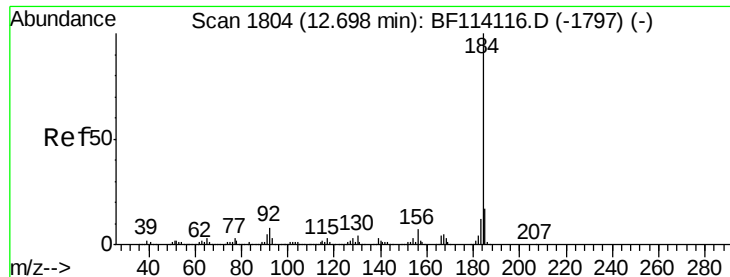


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.394 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

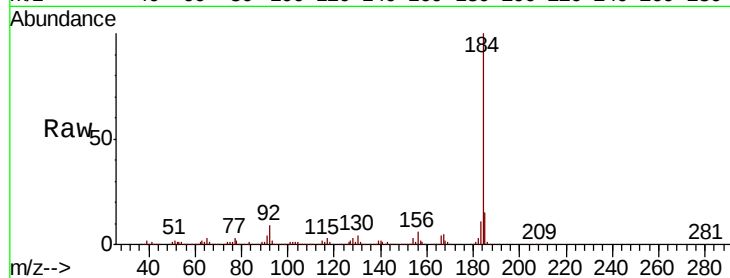
Tgt Ion:184 Resp: 622605

Ion Ratio Lower Upper

184 100

185 15.1 13.6 20.4

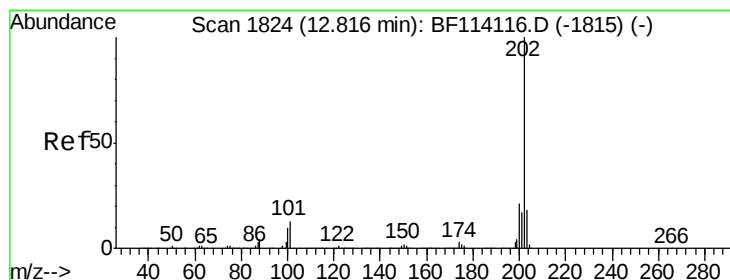
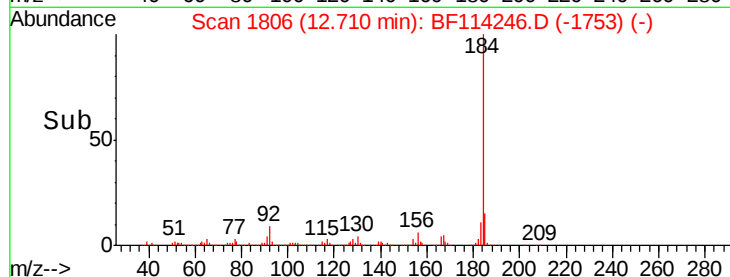
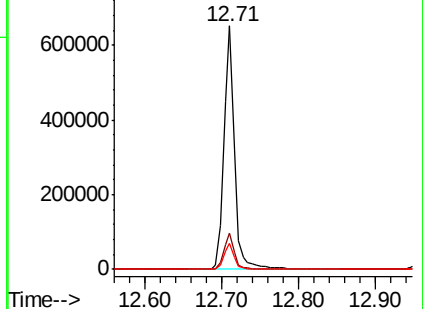
183 10.9 9.2 13.8



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: 37.336 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

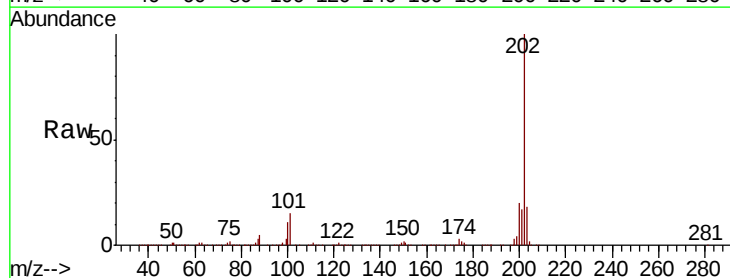
Tgt Ion:202 Resp: 1177023

Ion Ratio Lower Upper

202 100

200 20.3 16.9 25.3

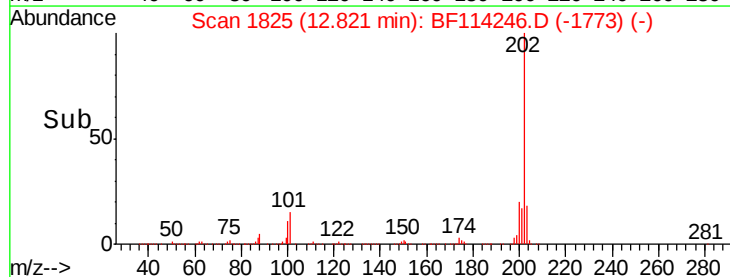
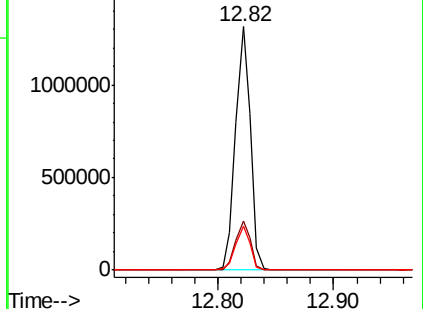
203 17.9 14.5 21.7

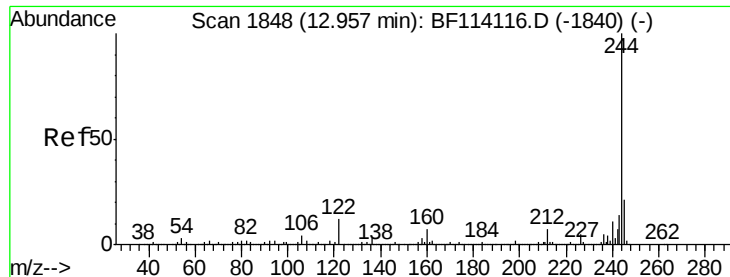


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.411 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

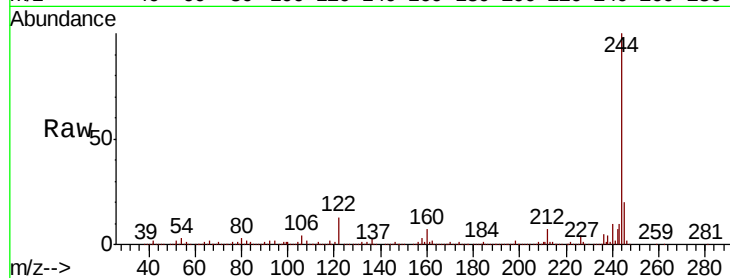
Tgt Ion:244 Resp: 1490591

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

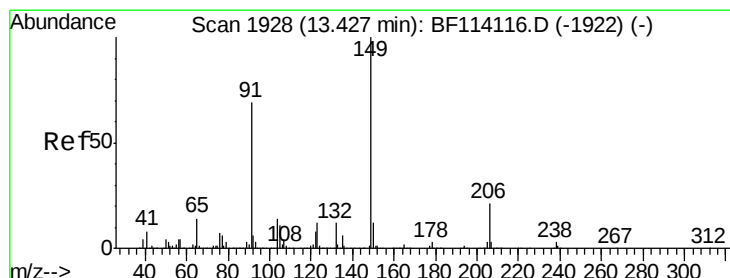
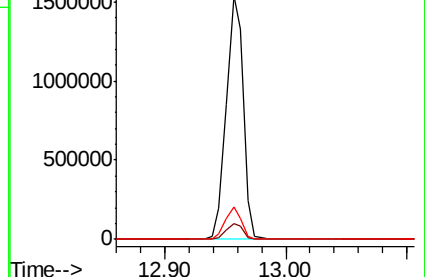
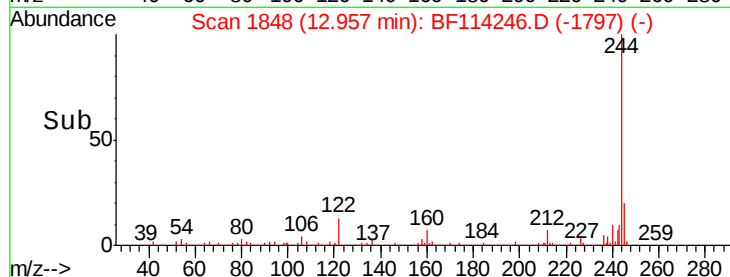
122 13.5 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.431 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

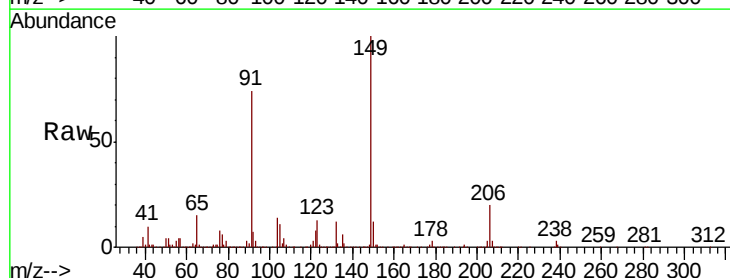
Tgt Ion:149 Resp: 549752

Ion Ratio Lower Upper

149 100

91 73.8 55.0 82.4

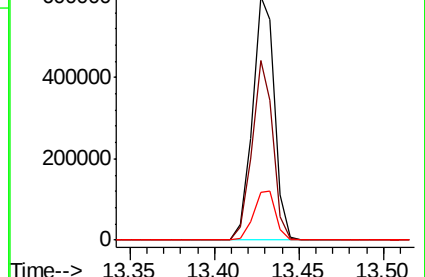
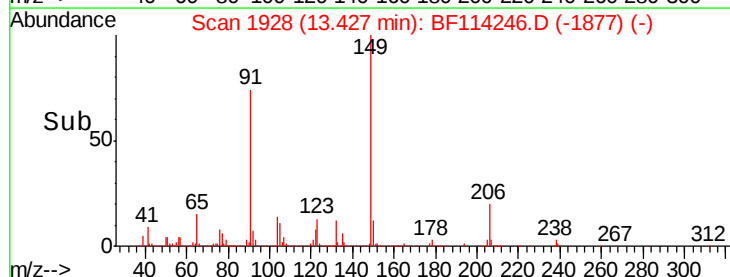
206 19.5 16.9 25.3

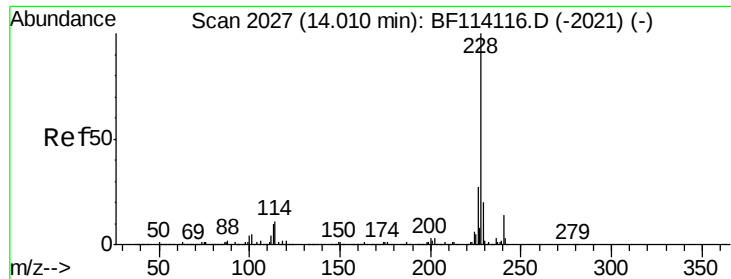


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

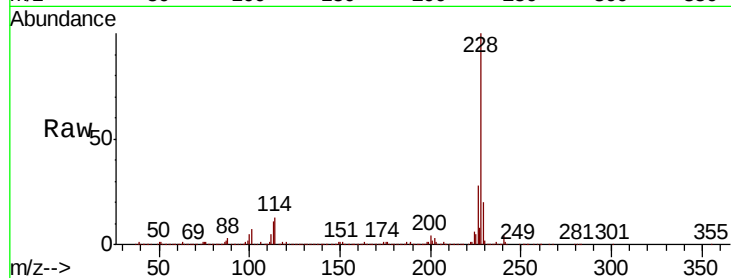




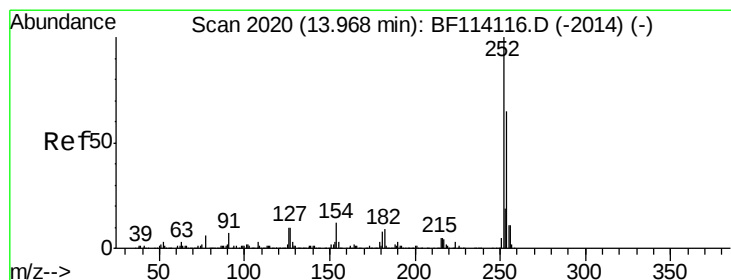
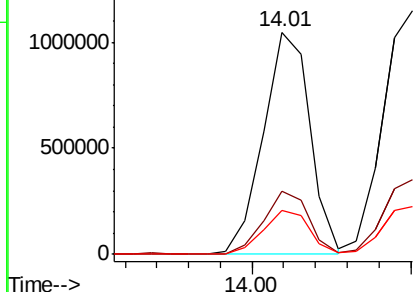
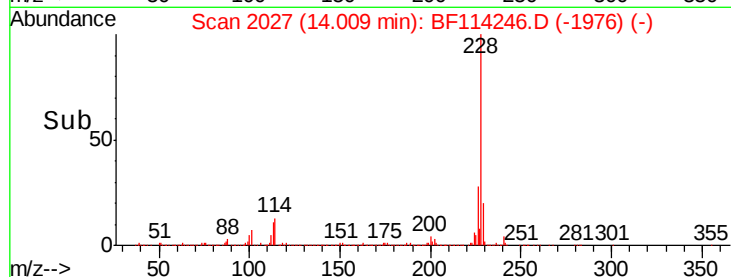
#81
Benzo(a)anthracene
Concen: 42.352 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1073468
Ion Ratio Lower Upper
228 100
226 28.3 22.2 33.2
229 19.8 16.4 24.6

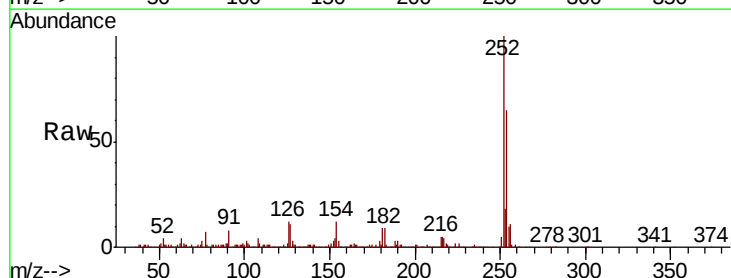


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

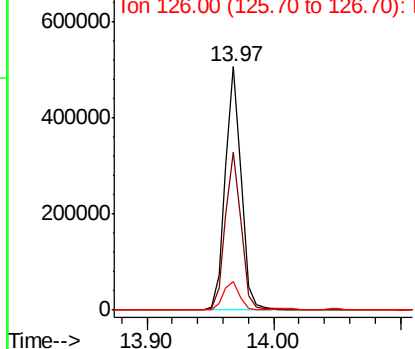
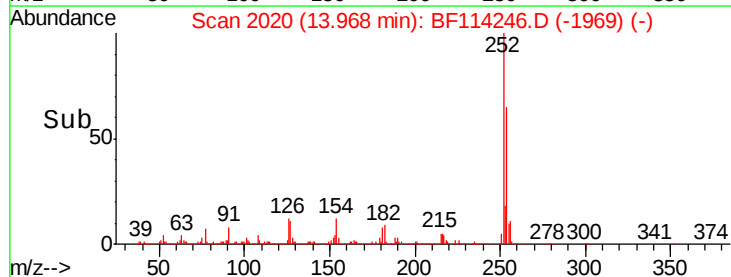


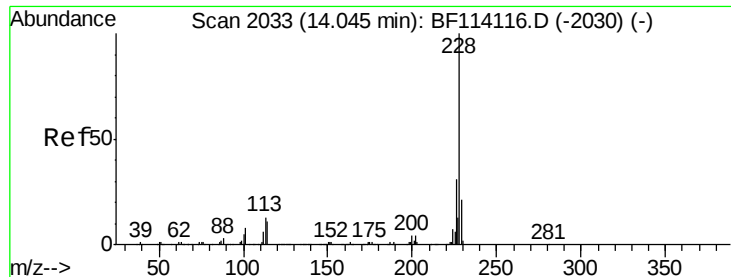
#82
3,3'-Dichlorobenzidine
Concen: 44.677 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Tgt Ion:252 Resp: 439294
Ion Ratio Lower Upper
252 100
254 64.8 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: 42.578 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

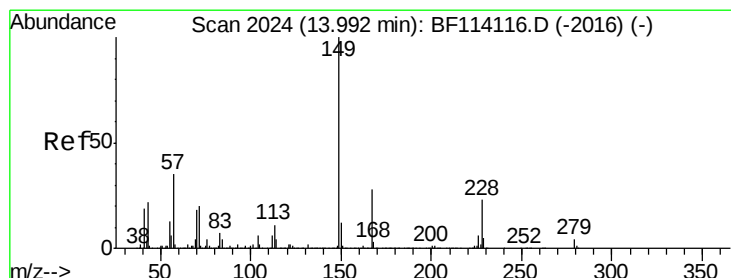
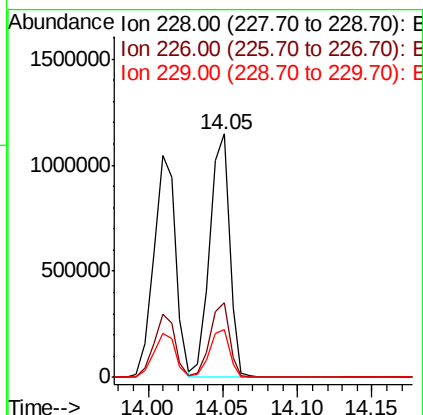
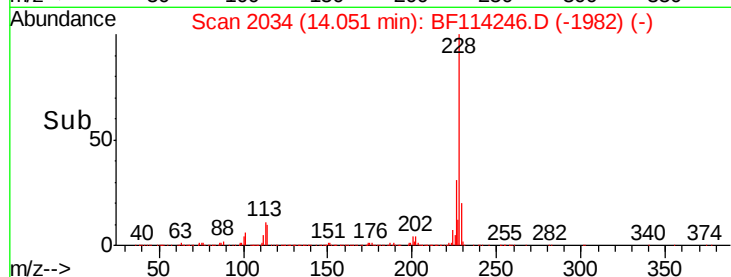
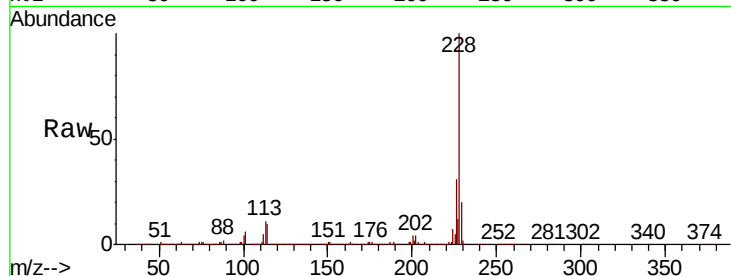
Tgt Ion:228 Resp: 1057921

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

229 19.8 17.0 25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.369 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

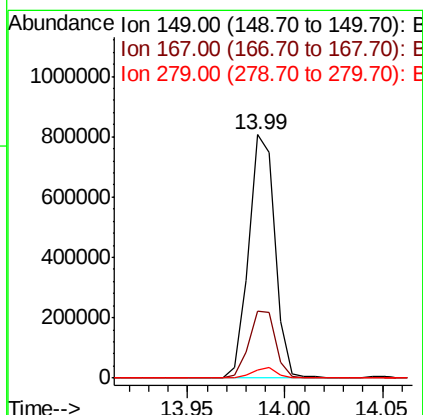
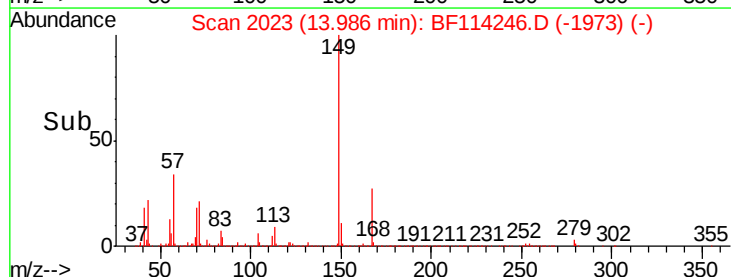
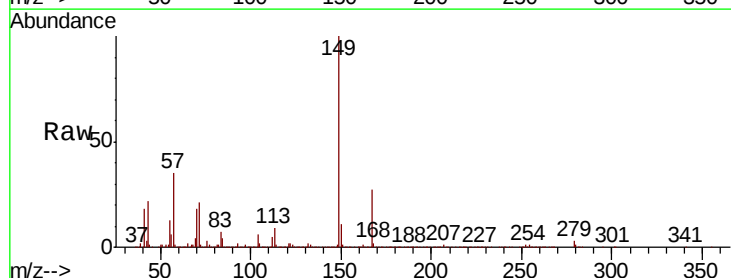
Tgt Ion:149 Resp: 752638

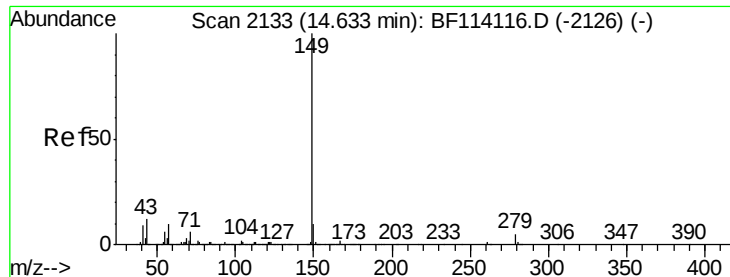
Ion Ratio Lower Upper

149 100

167 27.3 22.6 33.8

279 3.5 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 44.301 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.04 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

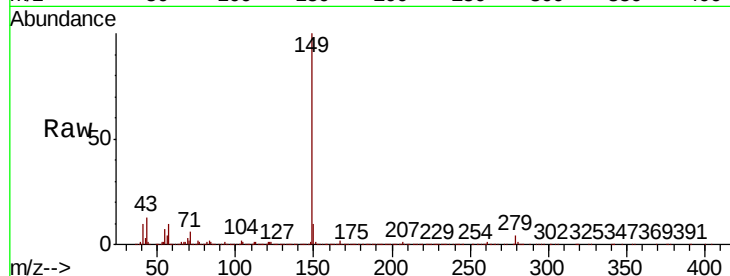
Tgt Ion:149 Resp: 1246295

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

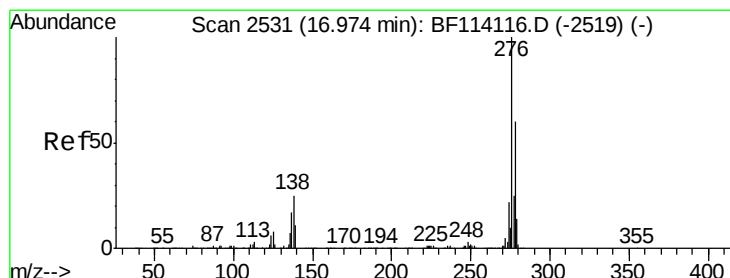
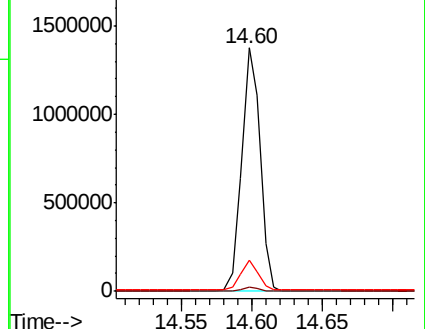
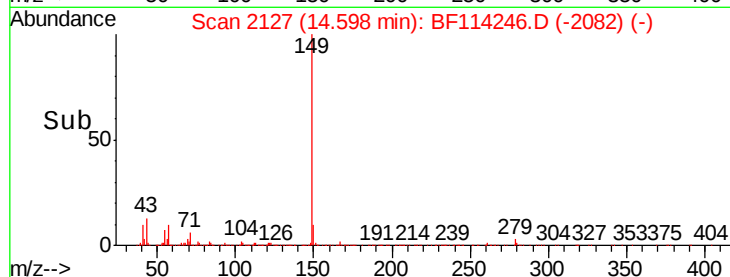
43 11.8 10.1 15.1



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: 39.084 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

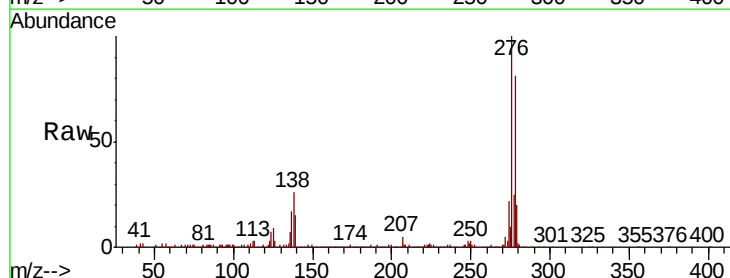
Tgt Ion:276 Resp: 858257

Ion Ratio Lower Upper

276 100

138 26.5 20.2 30.2

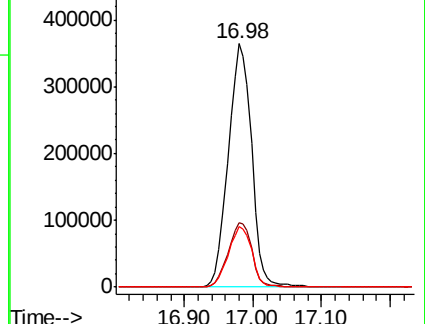
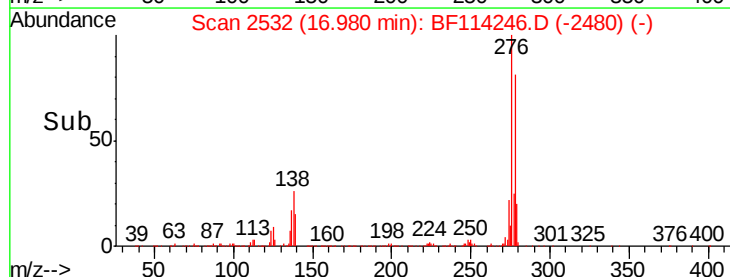
277 25.2 20.0 30.0

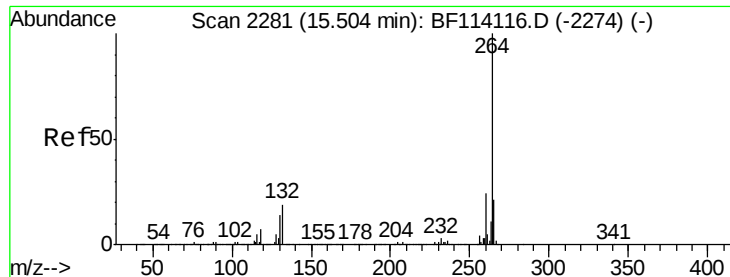


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

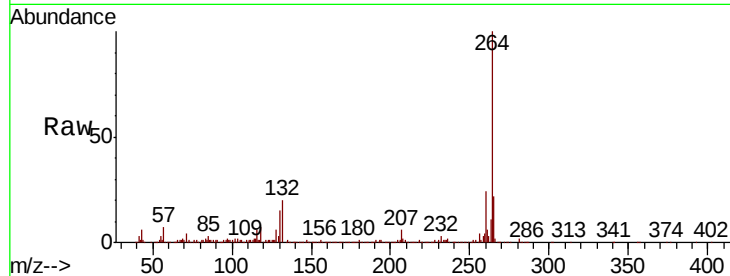
Tgt Ion:264 Resp: 402014

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

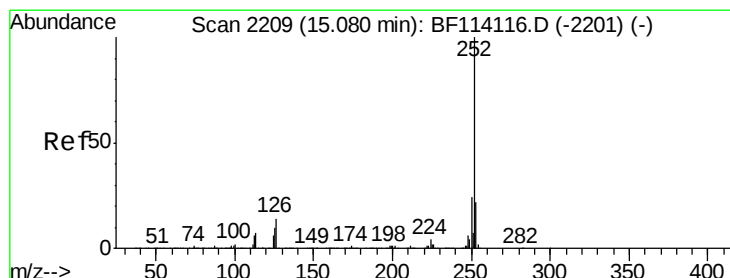
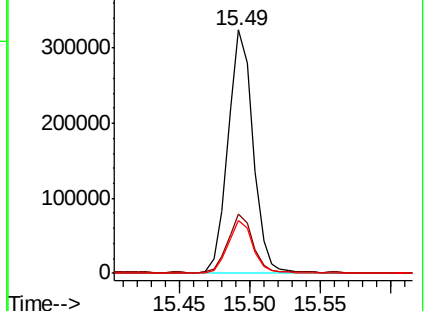
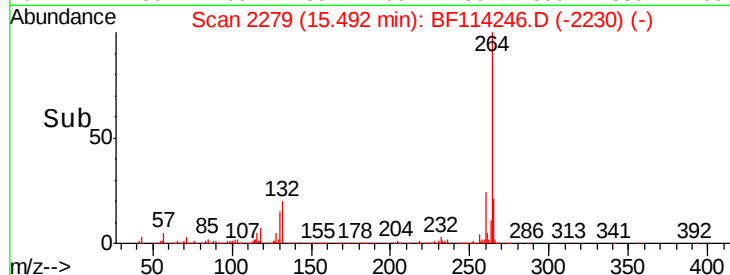
265 21.7 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.514 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

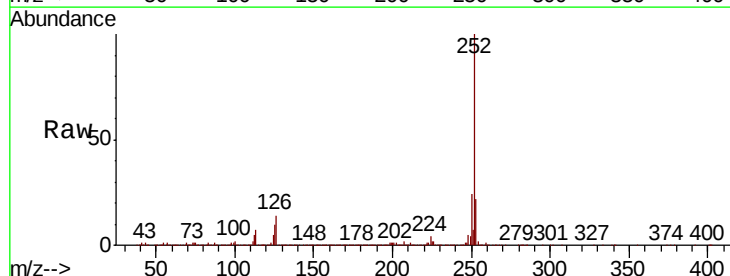
Tgt Ion:252 Resp: 1120722

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

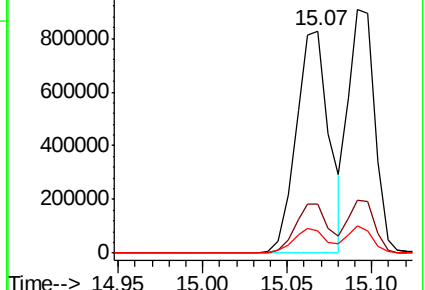
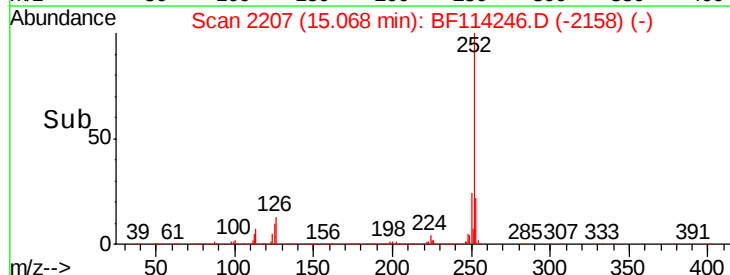
125 9.8 8.3 12.5

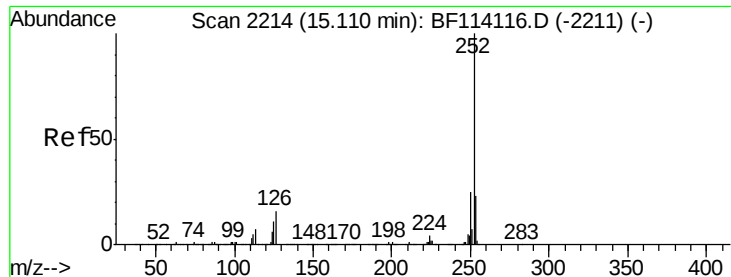


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

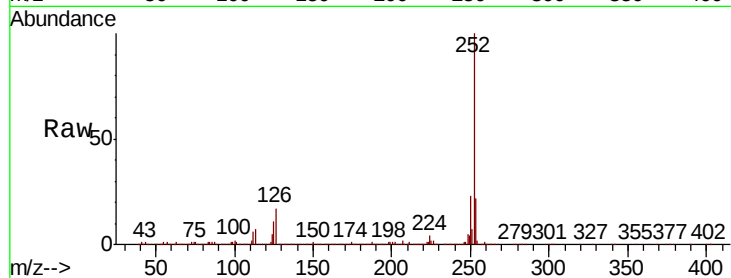




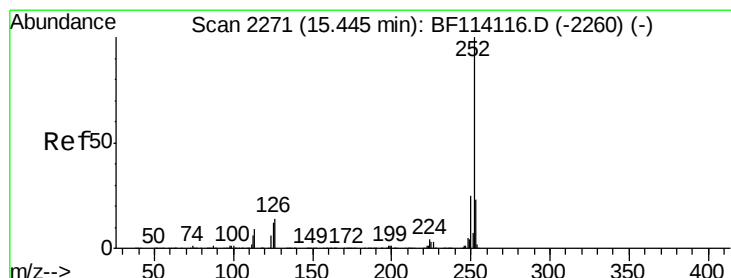
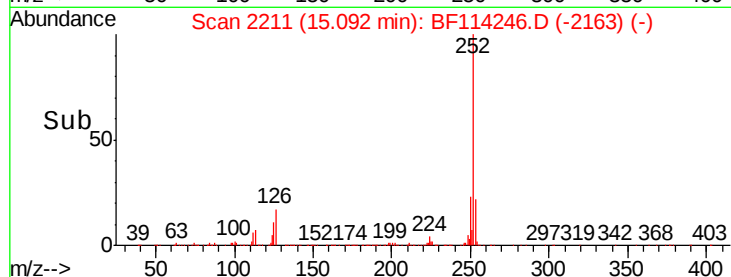
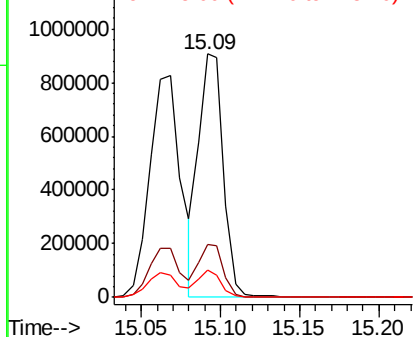
#89
Benzo(k)fluoranthene
Concen: 41.678 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 986064
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 11.2 8.6 13.0

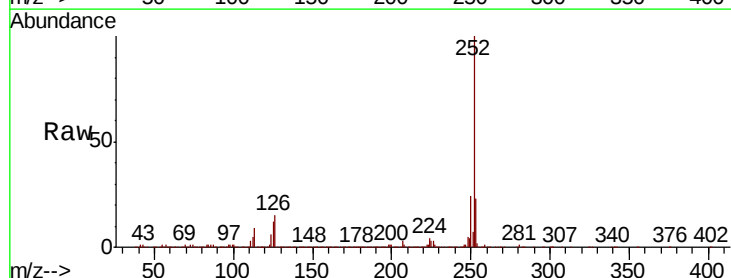


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

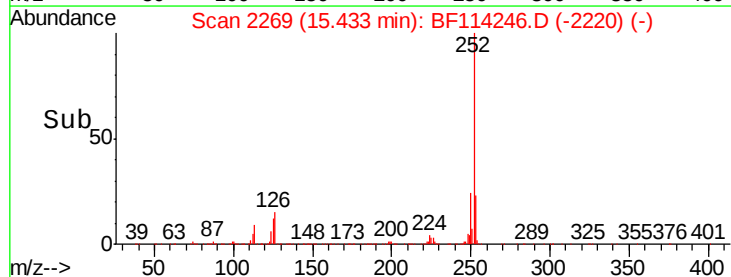
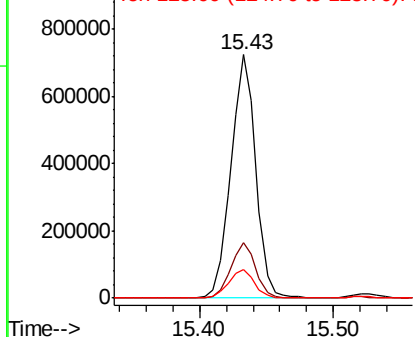


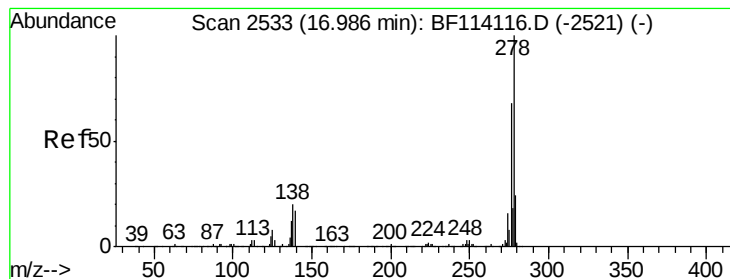
#90
Benzo(a)pyrene
Concen: 41.565 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF114246.D
Acq: 13 May 2019 23:40

Tgt Ion:252 Resp: 942137
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 11.9 9.5 14.3



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





#91

Dibenzo(a,h)anthracene

Concen: 38.073 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

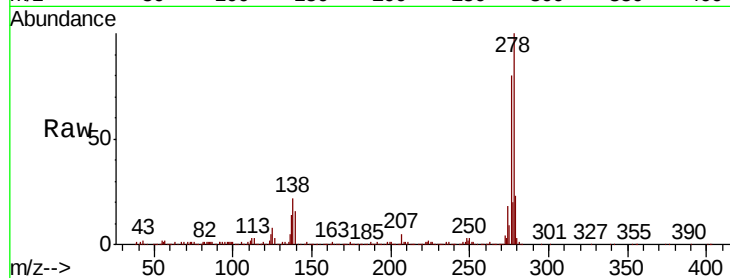
Tgt Ion:278 Resp: 717114

Ion Ratio Lower Upper

278 100

139 16.3 13.5 20.3

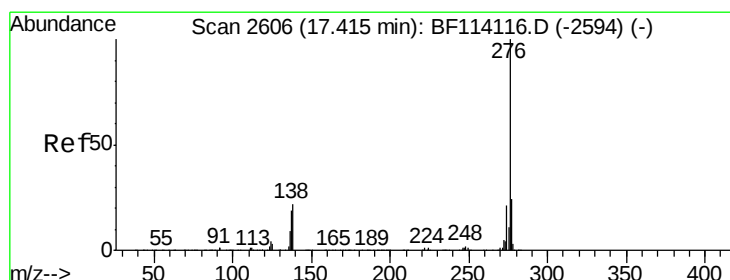
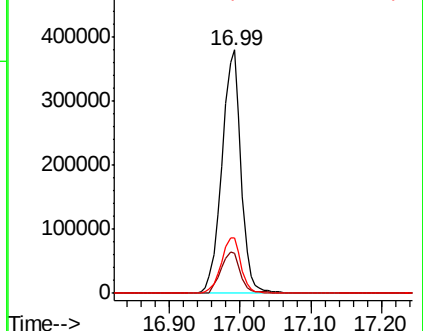
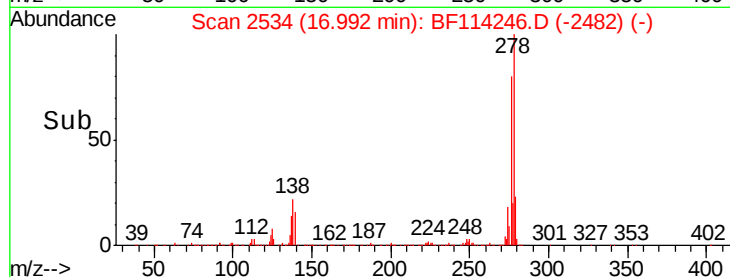
279 22.8 19.0 28.6



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: 35.678 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.01 min

Lab File: BF114246.D

Acq: 13 May 2019 23:40

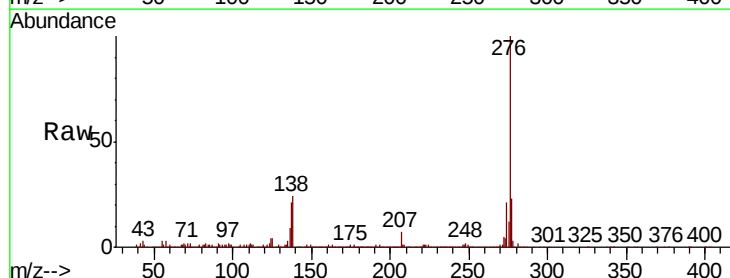
Tgt Ion:276 Resp: 673436

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 24.4 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

