

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114597.D
 Acq On : 25 May 2019 4:26
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 26 23:04:55 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 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	110303	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	451683	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	222857	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	456472	20.00	ng	0.00
76) Chrysene-d12	13.98	240	311863	20.00	ng	0.00
87) Perylene-d12	15.44	264	312277	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	553329	80.73	ng	0.00
7) Phenol-d6	6.46	99	691449	85.29	ng	0.00
23) Nitrobenzene-d5	7.38	82	650606	80.84	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	164491	71.39	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1183962	80.36	ng	0.00
79) Terphenyl-d14	12.92	244	1347108	89.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	124892	33.150	ng	98
3) Pyridine	3.25	79	351667	33.879	ng	98
4) n-Nitrosodimethylamine	3.20	42	169681	33.898	ng	99
6) Aniline	6.47	93	479478	40.945	ng	# 57
8) 2-Chlorophenol	6.60	128	313163	42.798	ng	97
9) Benzaldehyde	6.37	77	206757	36.431	ng	97
10) Phenol	6.47	94	402750	42.232	ng	# 62
11) bis(2-Chloroethyl)ether	6.55	93	301646	41.664	ng	98
12) 1,3-Dichlorobenzene	6.75	146	348051	42.374	ng	98
13) 1,4-Dichlorobenzene	6.83	146	350650	42.365	ng	98
14) 1,2-Dichlorobenzene	6.98	146	330408	43.695	ng	99
15) Benzyl Alcohol	6.96	79	252712	39.969	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	562852	40.095	ng	56
17) 2-Methylphenol	7.08	107	249603	41.525	ng	# 89
18) Hexachloroethane	7.32	117	128918	41.496	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	216816	42.195	ng	97
20) 3+4-Methylphenols	7.23	107	340002	48.958	ng	# 66
22) Acetophenone	7.22	105	429149	42.888	ng	# 88
24) Nitrobenzene	7.40	77	339152	41.373	ng	94
25) Isophorone	7.63	82	580273	38.875	ng	99
26) 2-Nitrophenol	7.72	139	156260	39.290	ng	98
27) 2,4-Dimethylphenol	7.76	122	247958	39.696	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	385880	39.843	ng	99
29) 2,4-Dichlorophenol	7.97	162	259085	41.654	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	290483	41.070	ng	97
31) Naphthalene	8.12	128	894981	42.419	ng	97
32) Benzoic acid	7.93	122	20628	10.975	ng	95
33) 4-Chloroaniline	8.17	127	413087	42.965	ng	99
34) Hexachlorobutadiene	8.23	225	167512	41.625	ng	98
35) Caprolactam	8.54	113	86497	42.648	ng	93
36) 4-Chloro-3-methylphenol	8.67	107	270833	43.258	ng	97
37) 2-Methylnaphthalene	8.81	142	597920	43.923	ng	95
38) 1-Methylnaphthalene	8.90	142	563472	43.954	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	278469	41.250	ng	98

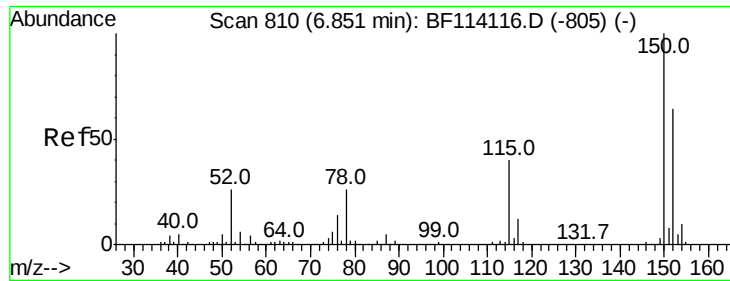
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114597.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	8536	6.891	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	171502	36.934	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	168346	35.352	ng	98
46) 1,1'-Biphenyl	9.27	154	738334	41.010	ng	97
47) 2-Chloronaphthalene	9.30	162	582338	40.191	ng	98
48) 2-Nitroaniline	9.40	65	207421	40.365	ng	98
49) Acenaphthylene	9.71	152	909533	41.272	ng	98
50) Dimethylphthalate	9.57	163	658494	40.251	ng	99
51) 2,6-Dinitrotoluene	9.64	165	145318	40.048	ng	93
52) Acenaphthene	9.88	154	541808	40.065	ng	98
53) 3-Nitroaniline	9.81	138	190055	42.194	ng	97
54) 2,4-Dinitrophenol	9.98	184	2410	7.955	ng	97
55) Dibenzofuran	10.06	168	781385	39.405	ng	97
56) 4-Nitrophenol	10.01	139	44801	14.064	ng	94
57) 2,4-Dinitrotoluene	10.05	165	183854	37.330	ng	# 79
58) Fluorene	10.40	166	660751	43.140	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.19	232	137801	33.537	ng	97
60) Diethylphthalate	10.26	149	676732	40.712	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	317375	42.189	ng	100
62) 4-Nitroaniline	10.43	138	191252	40.406	ng	97
63) Azobenzene	10.55	77	632881	39.334	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	18109	8.256	ng	94
66) n-Nitrosodiphenylamine	10.50	169	561462	40.527	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	197462	39.288	ng	98
68) Hexachlorobenzene	10.95	284	220628	39.681	ng	98
69) Atrazine	11.03	200	173394	40.218	ng	98
70) Pentachlorophenol	11.16	266	184824	70.123	ng	99
71) Phenanthrene	11.36	178	949549	42.757	ng	97
72) Anthracene	11.42	178	971672	43.561	ng	97
73) Carbazole	11.57	167	923066	43.396	ng	98
74) Di-n-butylphthalate	11.89	149	1106770	45.164	ng	100
75) Fluoranthene	12.55	202	1038804	43.437	ng	100
77) Benzidine	12.67	184	462400	33.031	ng	97
78) Pyrene	12.78	202	1056896	42.128	ng	99
80) Butylbenzylphthalate	13.39	149	472721	44.766	ng	97
81) Benzo(a)anthracene	13.97	228	851560	42.217	ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	324878	41.518	ng	98
83) Chrysene	14.01	228	835718	42.265	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	654028	47.357	ng	100
85) Di-n-octyl phthalate	14.55	149	1050258	46.912	ng	98
86) Indeno(1,2,3-cd)pyrene	16.92	276	899636	51.480	ng	99
88) Benzo(b)fluoranthene	15.02	252	786028	39.289	ng	99
89) Benzo(k)fluoranthene	15.04	252	720118	39.184	ng	100
90) Benzo(a)pyrene	15.39	252	719331	40.855	ng	97
91) Dibenzo(a,h)anthracene	16.92	278	737064	50.378	ng	98
92) Benzo(g,h,i)perylene	17.36	276	766388	52.270	ng	96

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

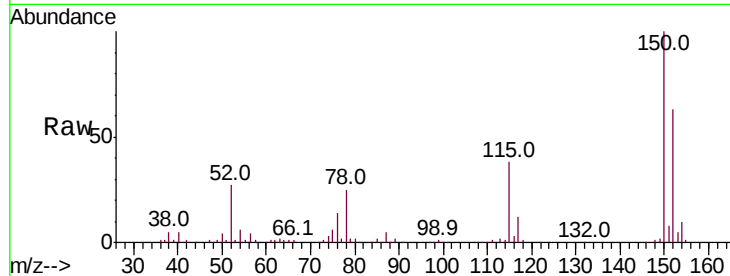


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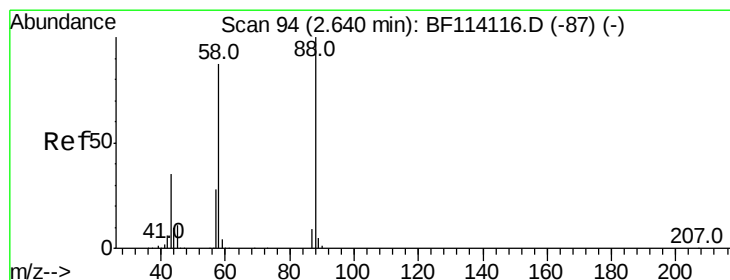
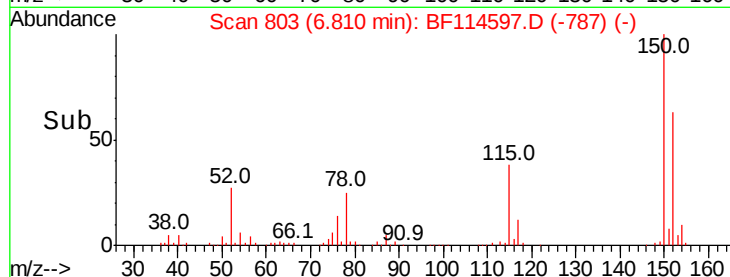
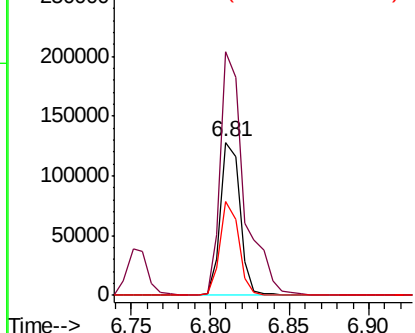
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 110303
Ion Ratio Lower Upper
152 100
150 159.2 124.3 186.5
115 61.1 49.1 73.7



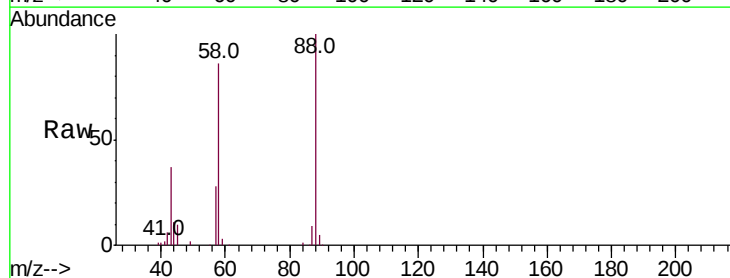
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



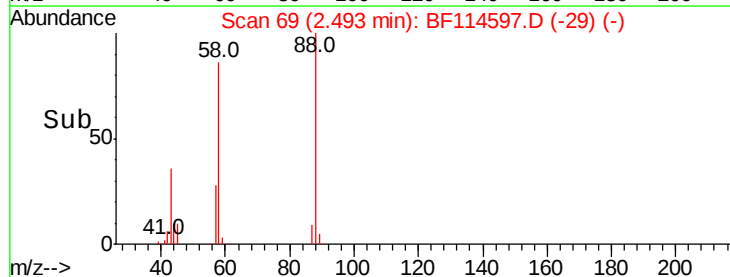
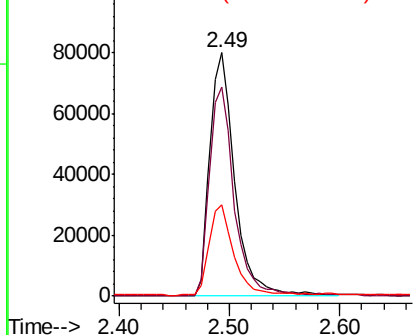
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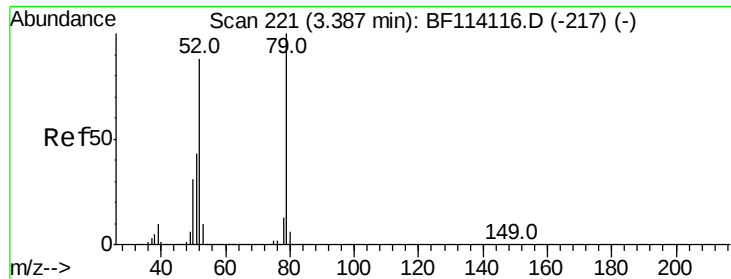
1,4-Dioxane
Concen: 33.150 ng
RT: 2.49 min Scan# 69
Delta R.T. -0.06 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion: 88 Resp: 124892
Ion Ratio Lower Upper
88 100
58 85.5 68.7 103.1
43 38.5 28.2 42.2



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





#3

Pvridine

Concen: 33.879 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.05 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

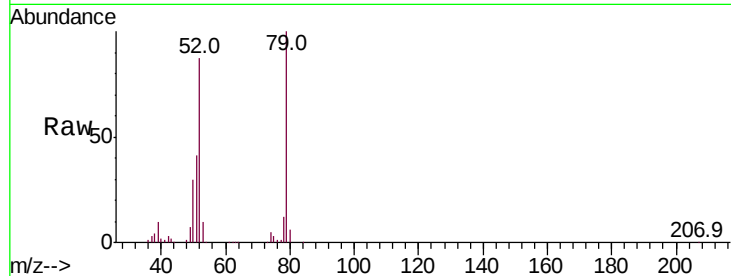
Tot Ion: 79 Resp: 351667

Ion Ratio Lower Upper

79 100

52 86.9 70.6 105.8

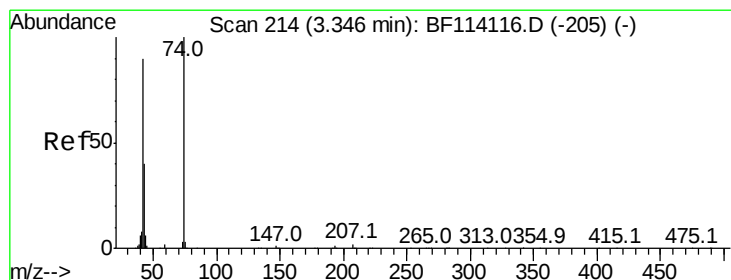
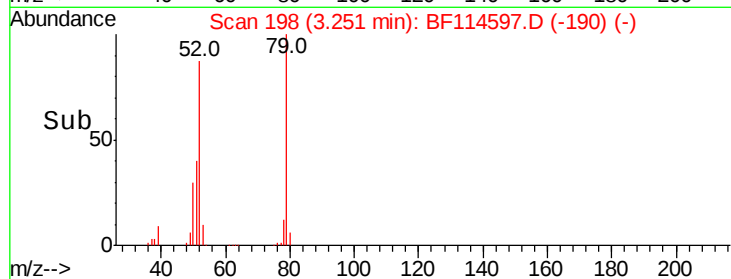
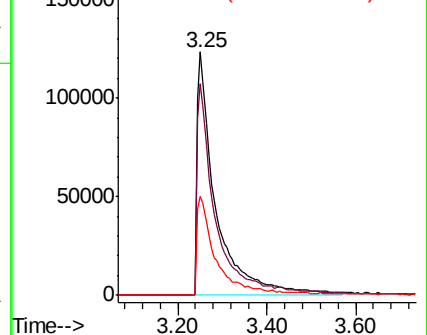
51 40.7 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.898 ng

RT: 3.20 min Scan# 189

Delta R.T. -0.06 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

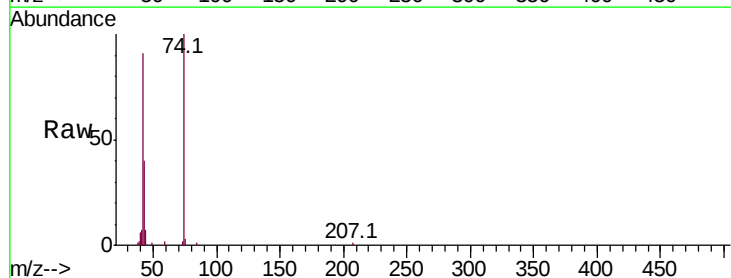
Tgt Ion: 42 Resp: 169681

Ion Ratio Lower Upper

42 100

74 109.7 88.6 132.8

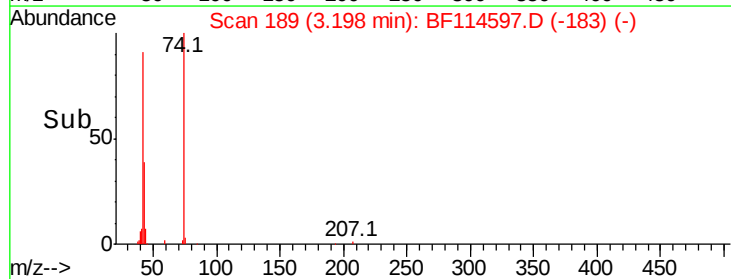
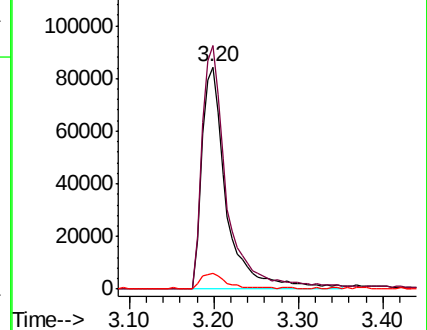
44 7.2 5.5 8.3



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: 80.728 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

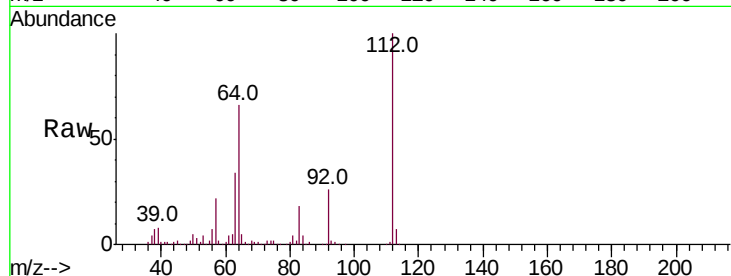
Tot Ion:112 Resp: 553329

Ion Ratio Lower Upper

112 100

64 65.8 49.0 73.6

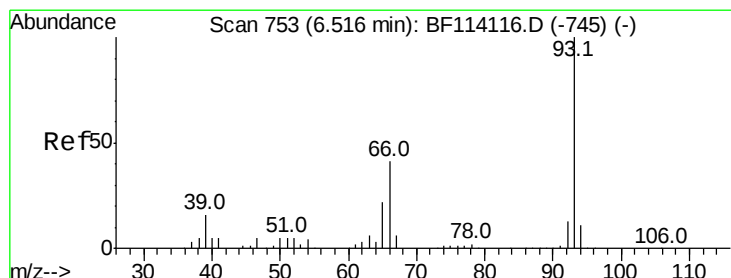
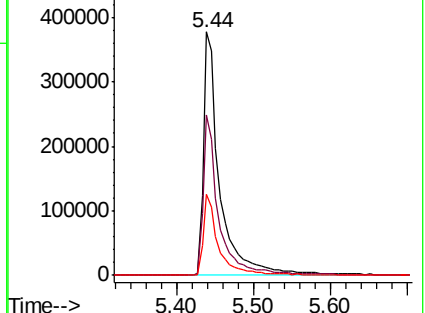
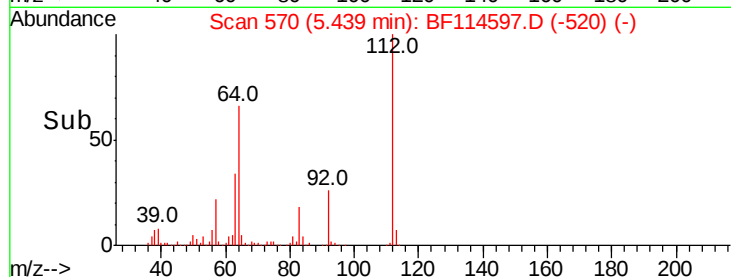
63 33.5 24.6 37.0



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: 40.945 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

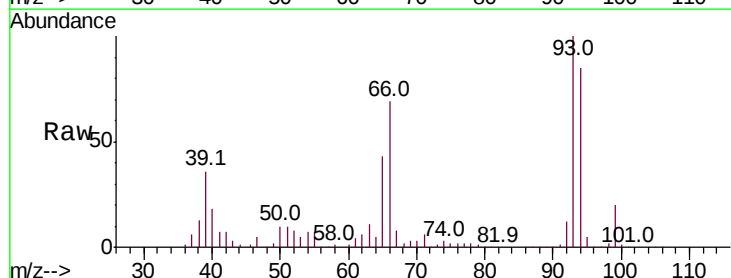
Tgt Ion: 93 Resp: 479478

Ion Ratio Lower Upper

93 100

66 68.6 33.2 49.8#

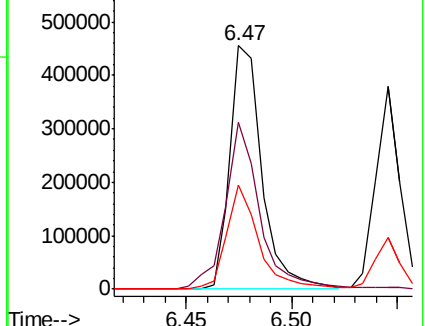
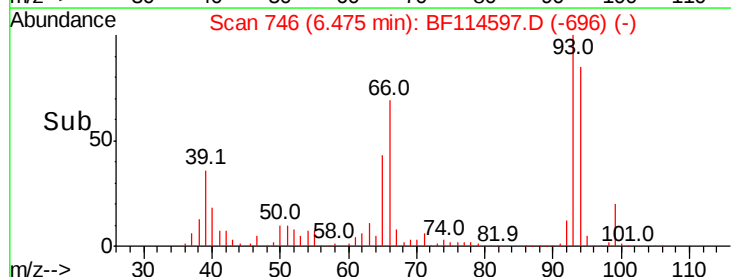
65 42.9 17.6 26.4#



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: 85.293 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

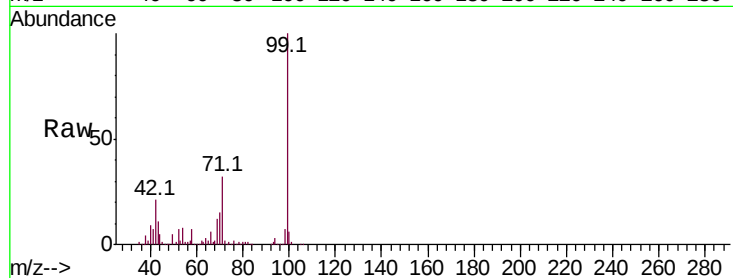
Tot Ion: 99 Resp: 691449

Ion Ratio Lower Upper

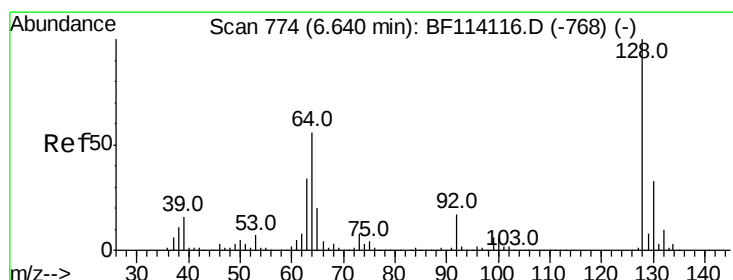
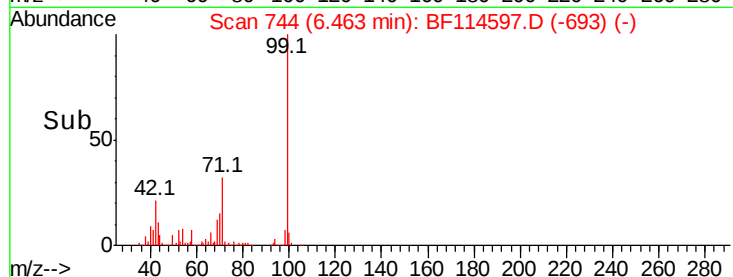
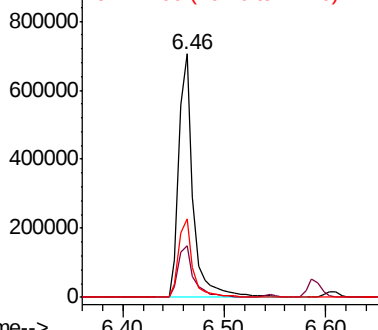
99 100

42 21.0 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: 42.798 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

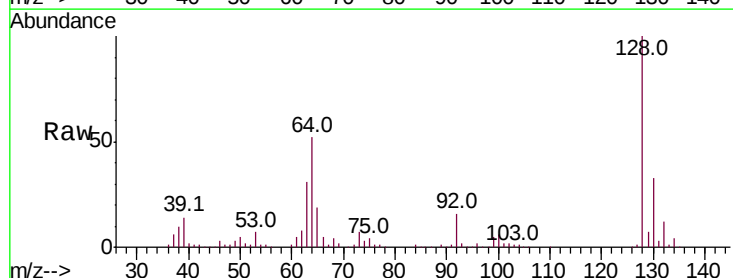
Tgt Ion: 128 Resp: 313163

Ion Ratio Lower Upper

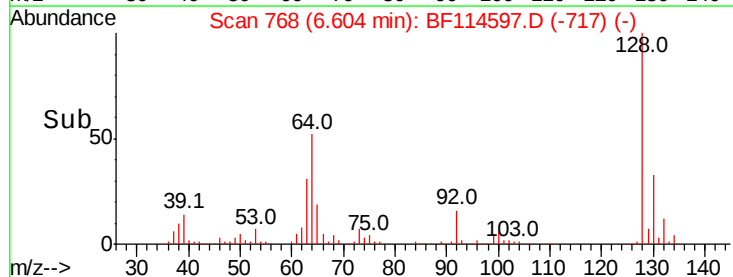
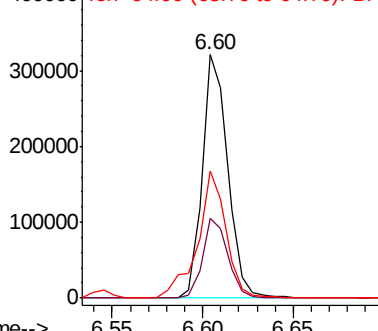
128 100

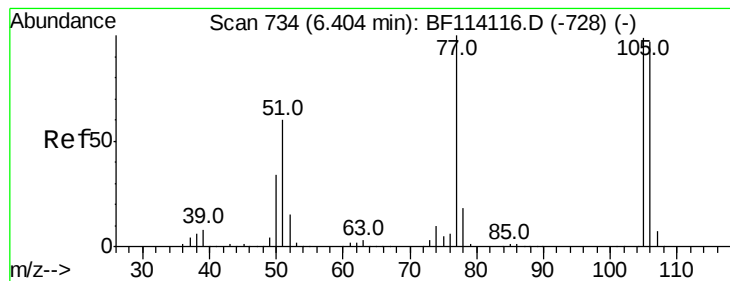
130 32.6 12.6 52.6

64 52.3 35.9 75.9



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





#9

Benzaldehyde

Concen: 36.431 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

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SSTDCCC040

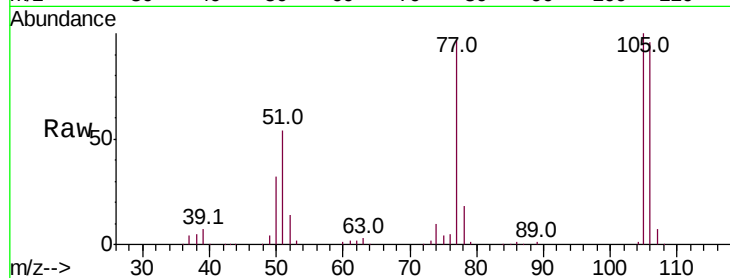
Tot Ion: 77 Resp: 206757

Ion Ratio Lower Upper

77 100

105 102.8 79.3 119.3

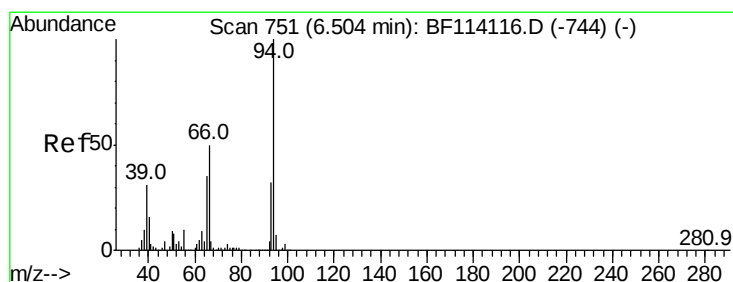
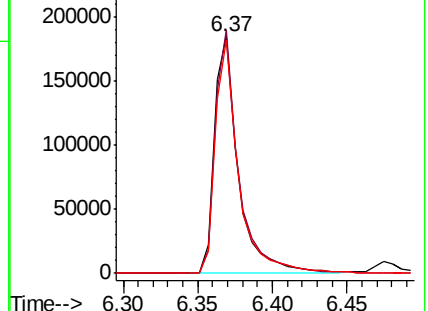
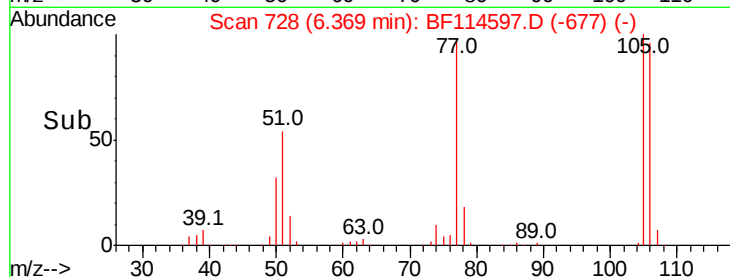
106 98.4 77.0 117.0



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: 42.232 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

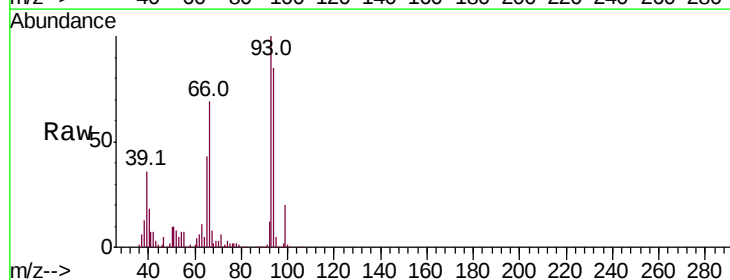
Tgt Ion: 94 Resp: 402750

Ion Ratio Lower Upper

94 100

65 50.4 14.7 54.7

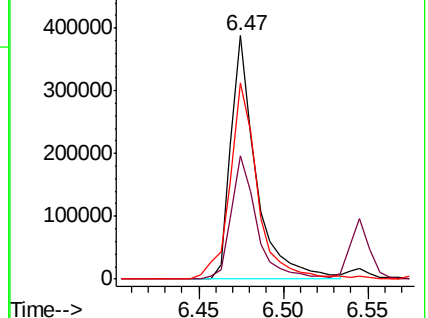
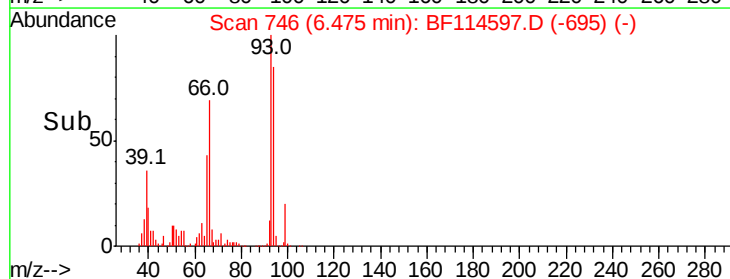
66 80.6 29.6 69.6#

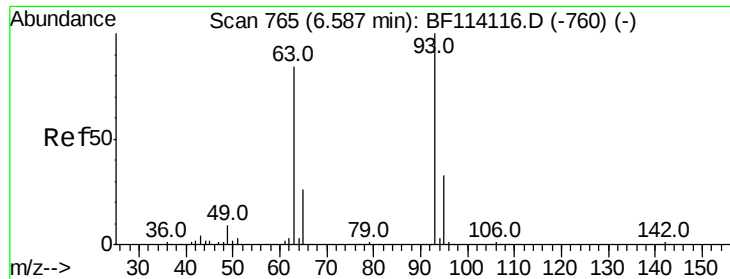


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

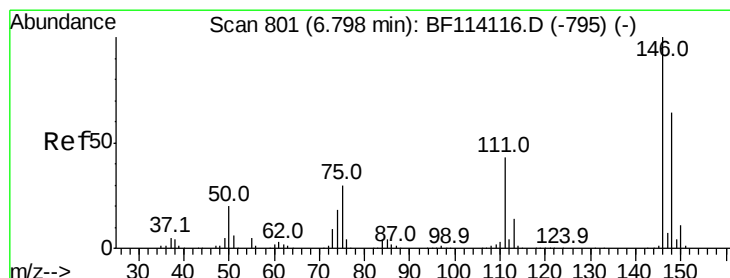
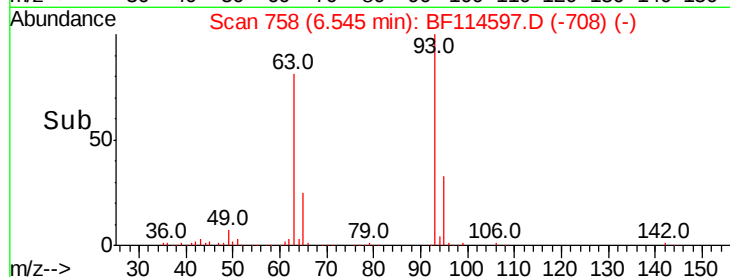
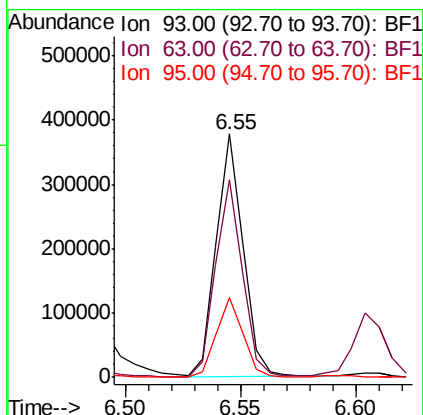
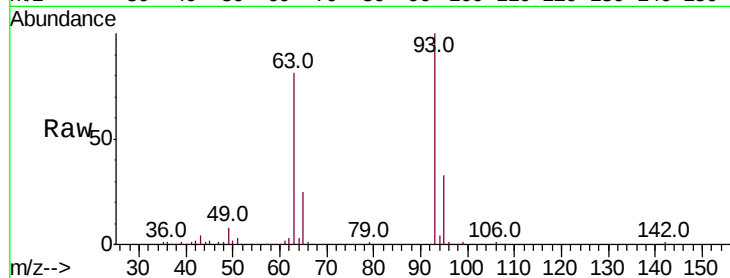




#11
bis(2-Chloroethyl)ether
Concen: 41.664 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

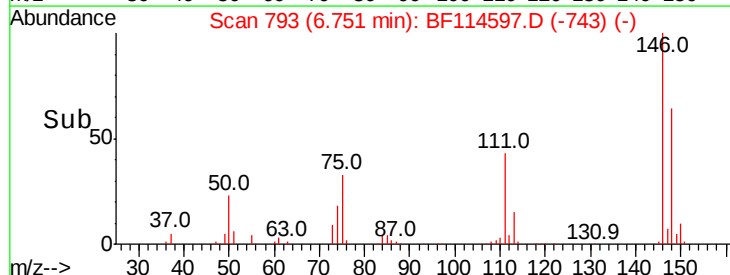
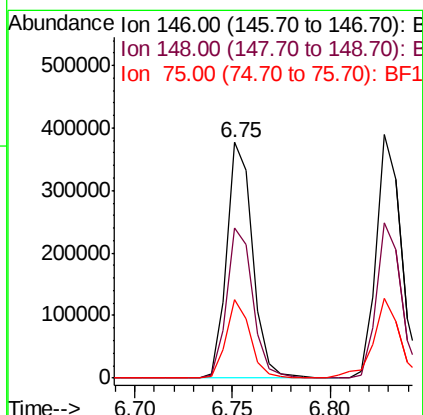
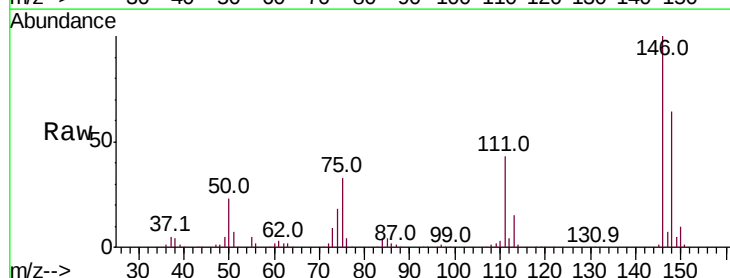
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

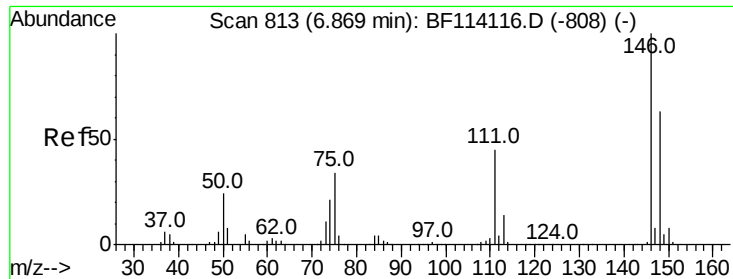
Tot Ion: 93 Resp: 301646
Ion Ratio Lower Upper
93 100
63 80.9 63.6 103.6
95 32.7 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 42.374 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion: 146 Resp: 348051
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
75 33.2 24.2 36.2

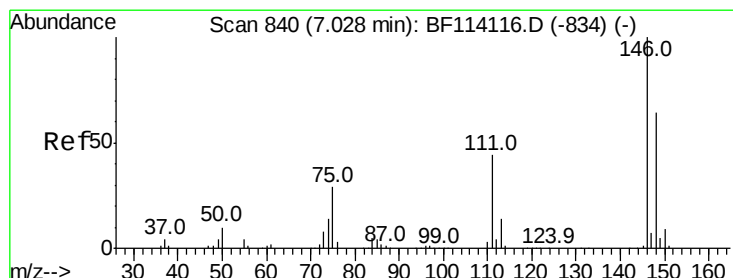
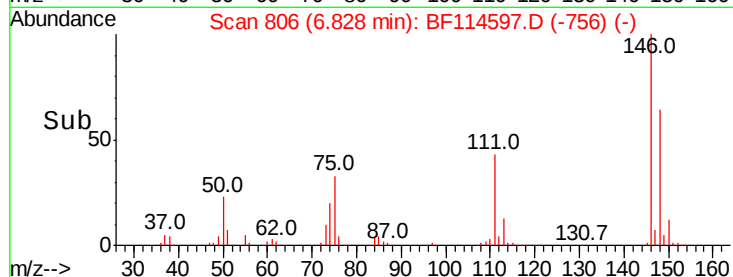
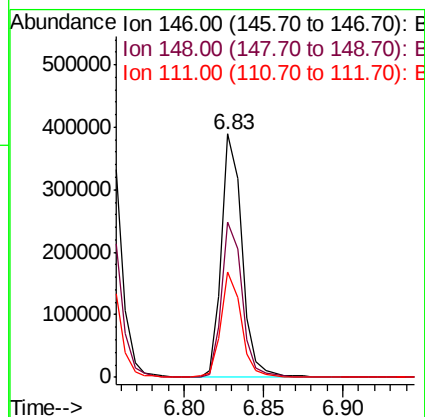
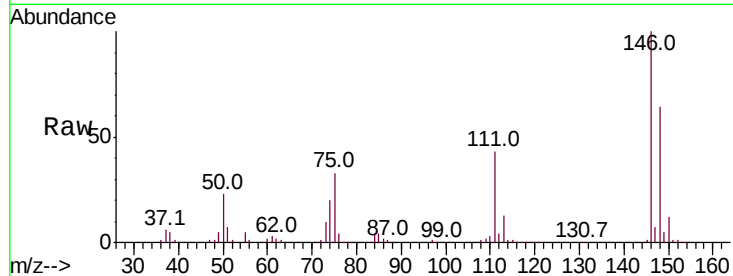




#13
 1,4-Dichlorobenzene
 Concen: 42.365 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

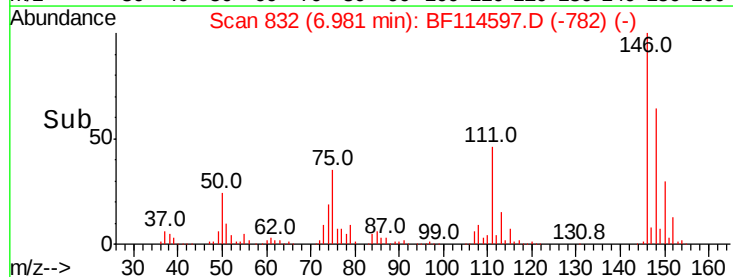
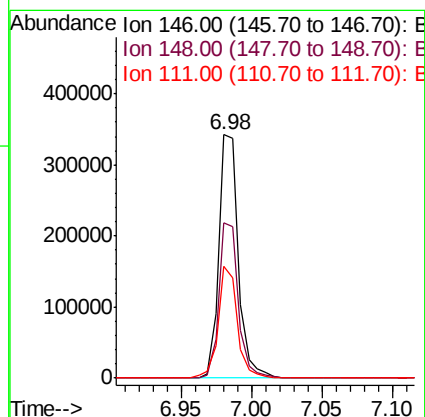
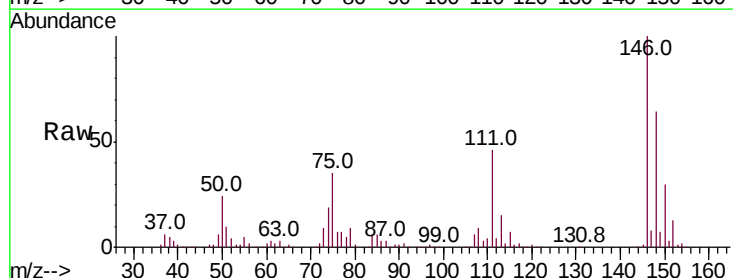
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

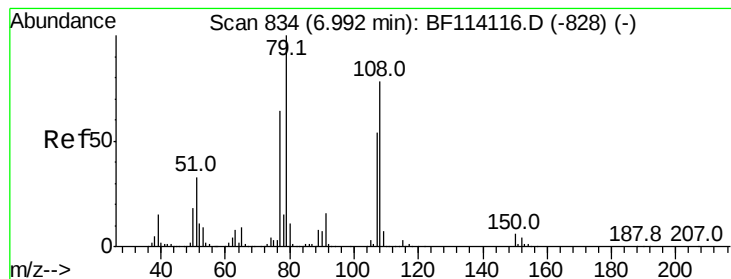
Tot Ion:146 Resp: 350650
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.2 75.2
 111 43.1 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 43.695 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Tgt Ion:146 Resp: 330408
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.1 76.7
 111 45.8 35.3 52.9





#15

Benzyl Alcohol

Concen: 39.969 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

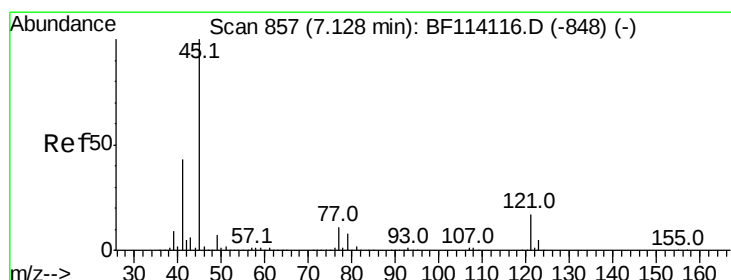
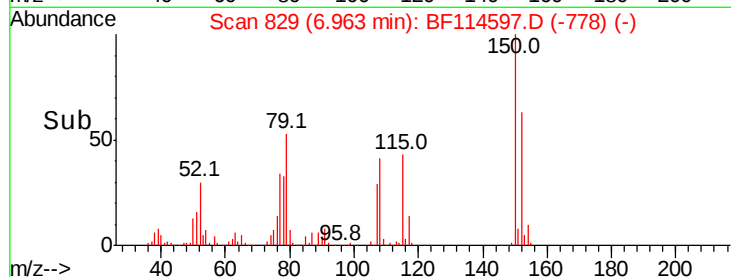
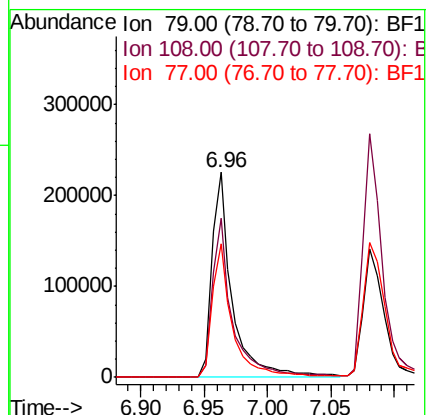
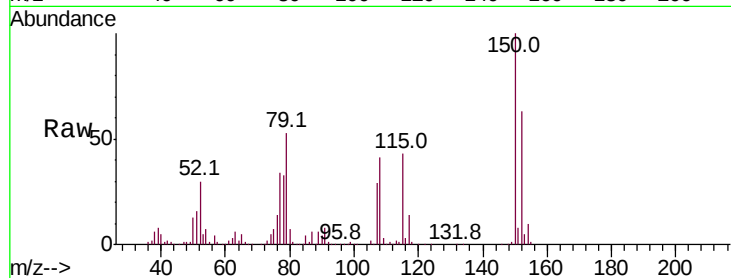
Tot Ion: 79 Resp: 252712

Ion Ratio Lower Upper

79 100

108 77.7 62.1 93.1

77 65.1 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.095 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

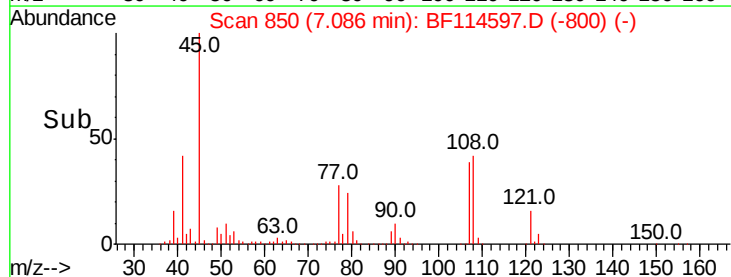
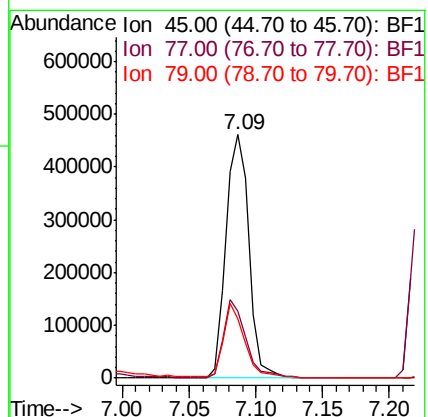
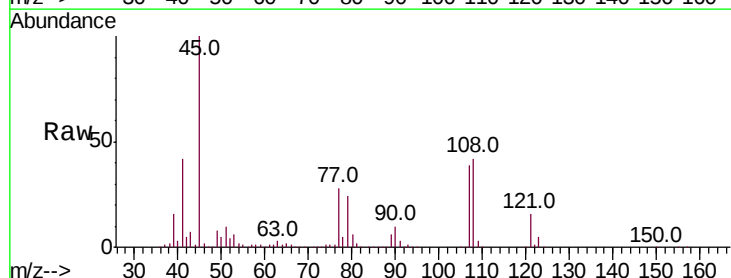
Tgt Ion: 45 Resp: 562852

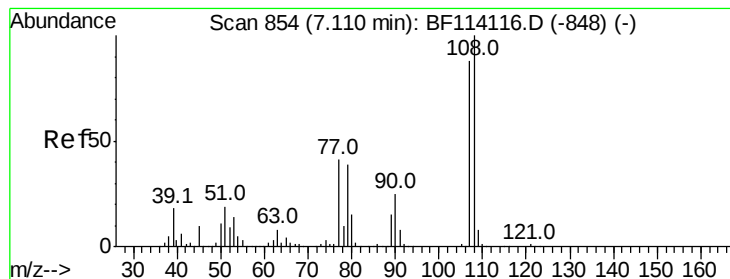
Ion Ratio Lower Upper

45 100

77 27.7 0.0 31.1

79 24.3 0.0 28.4





#17

2-Methylphenol

Concen: 41.525 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 249603

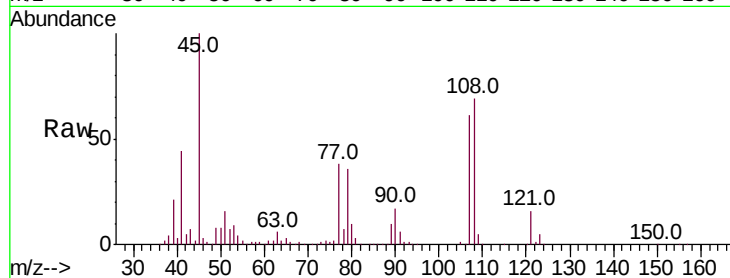
Ion Ratio Lower Upper

107 100

108 112.2 90.5 135.7

77 61.9 37.0 55.4#

79 59.2 35.8 53.8#

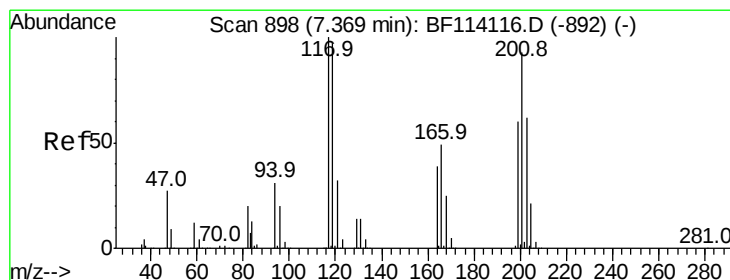
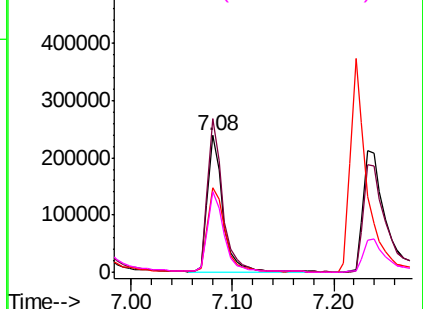
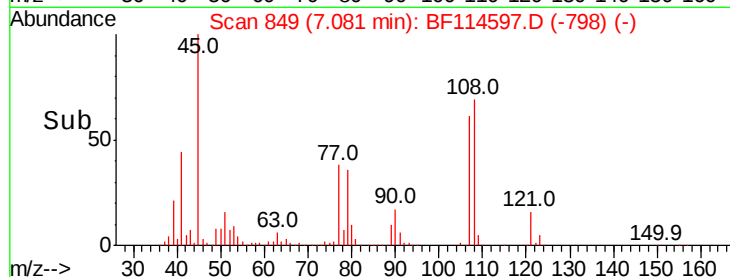


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.496 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

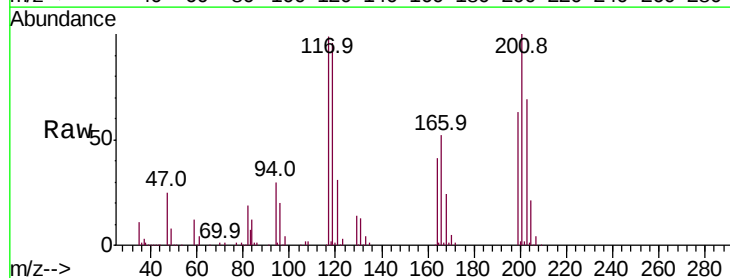
Tgt Ion:117 Resp: 128918

Ion Ratio Lower Upper

117 100

119 96.4 77.4 116.2

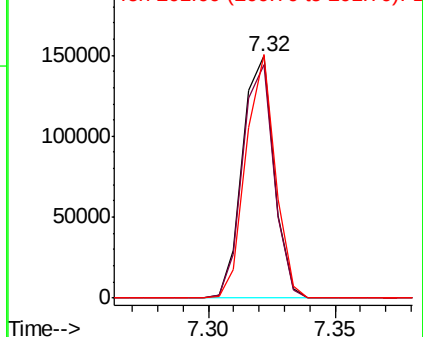
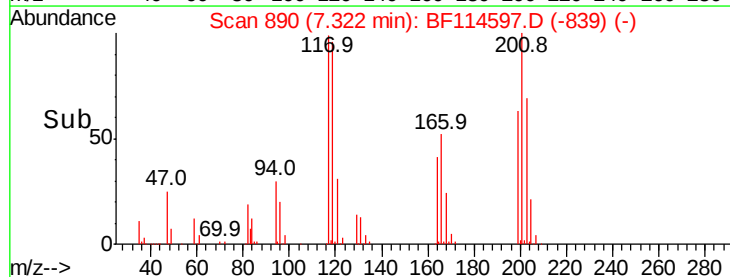
201 100.6 74.5 111.7



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

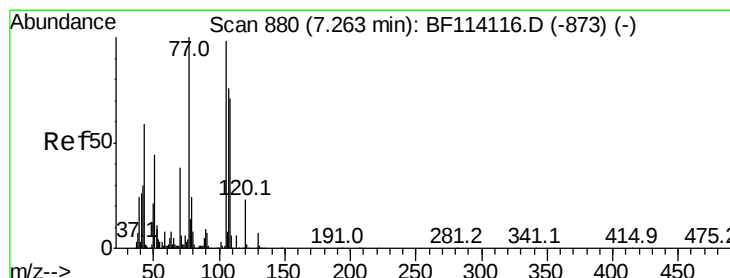
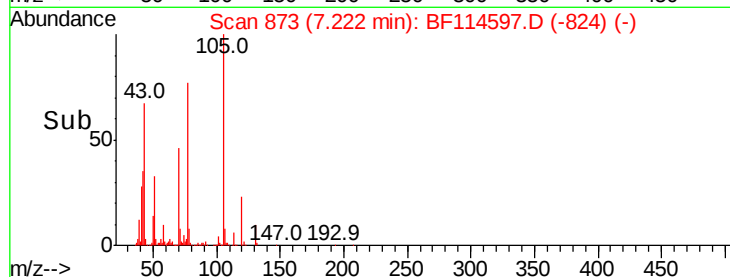
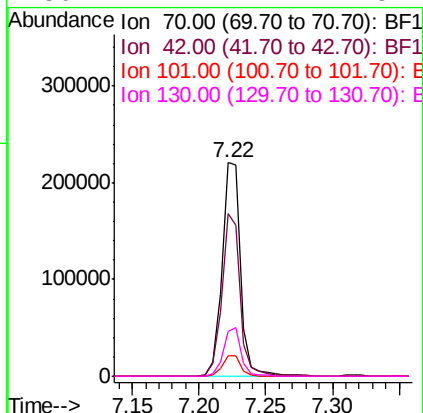
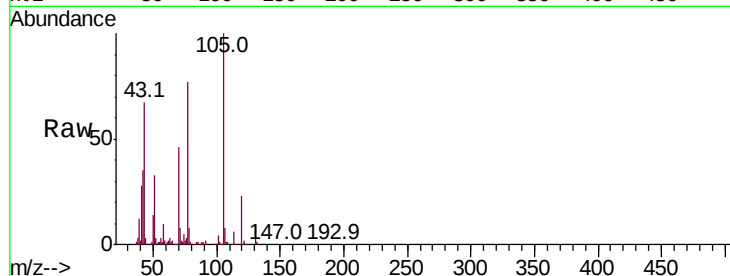




#19
n-Nitroso-di-n-propylamine
Concen: 42.195 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

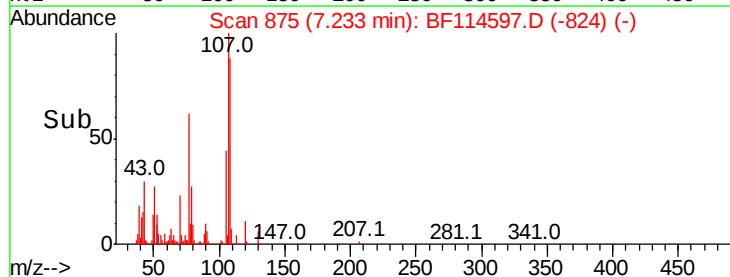
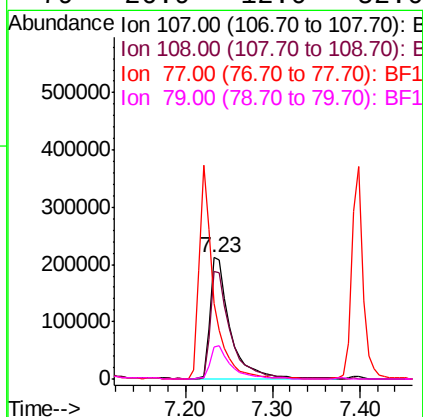
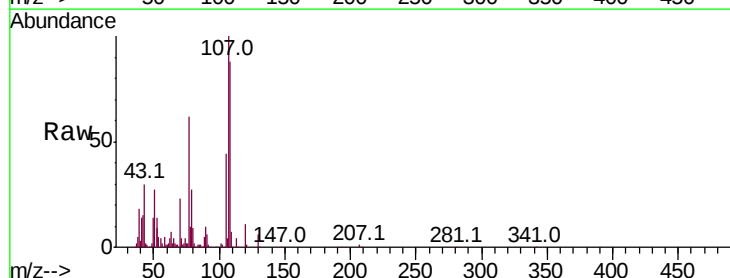
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

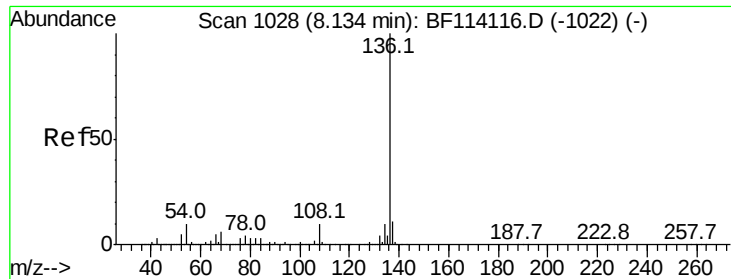
Tot Ion: 70 Resp: 216816
Ion Ratio Lower Upper
70 100
42 76.0 58.6 87.8
101 9.6 7.8 11.8
130 21.1 17.1 25.7



#20
3+4-Methylphenols
Concen: 48.958 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion:107 Resp: 340002
Ion Ratio Lower Upper
107 100
108 88.3 73.8 113.8
77 62.0 111.5 151.5#
79 26.9 12.0 52.0

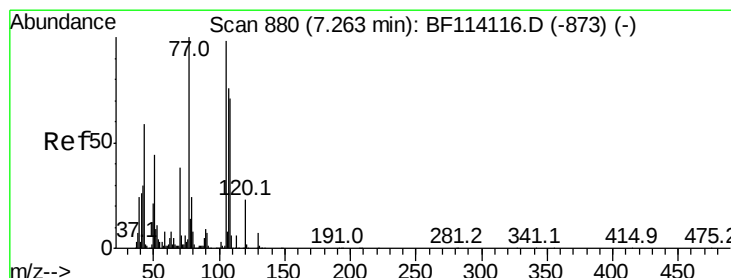
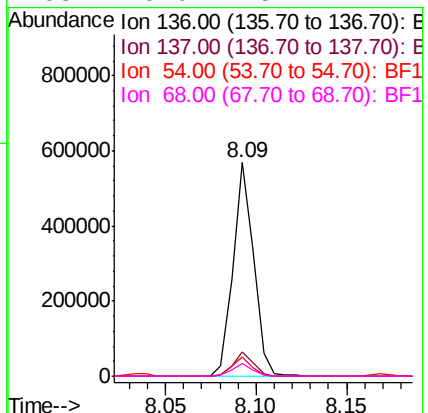
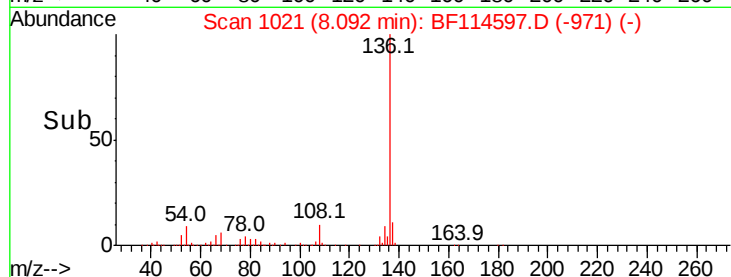
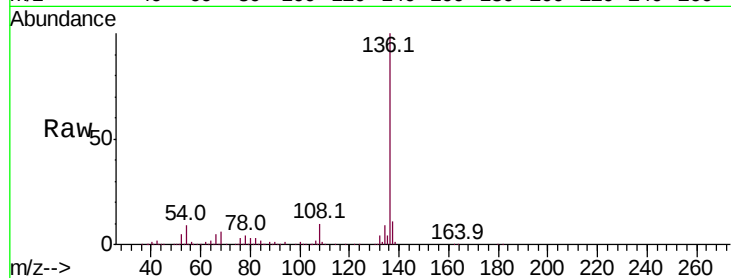




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

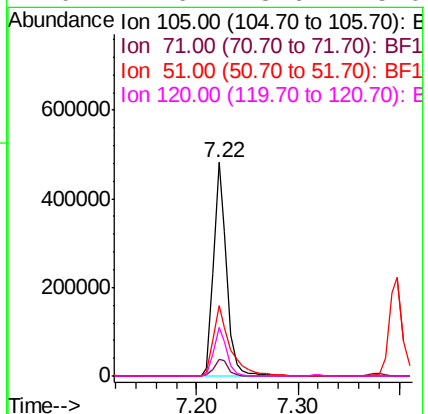
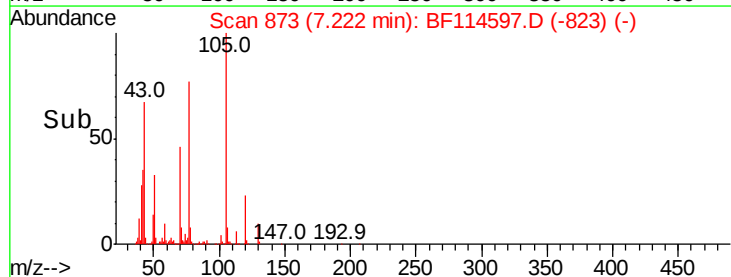
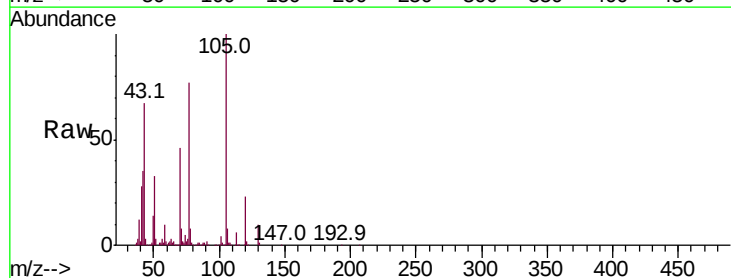
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	451683
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	8.8	7.8 11.8
68	6.0	5.1 7.7



#22
Acetophenone
Concen: 42.888 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion:105	Resp:	429149
Ion Ratio	Lower	Upper
105	100	
71	7.7	5.3 7.9
51	32.8	36.2 54.4
120	22.6	18.6 28.0

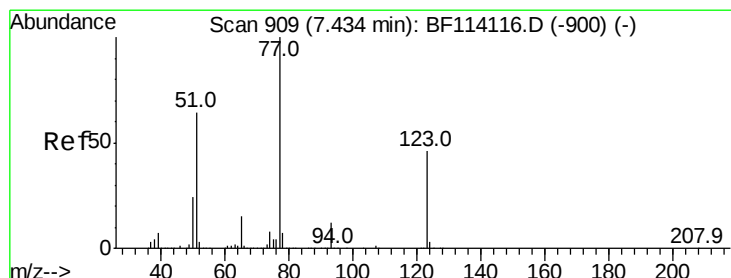
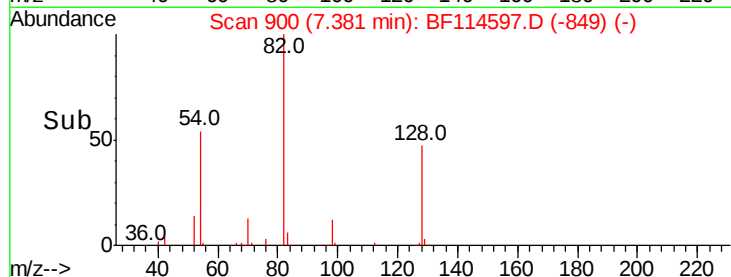
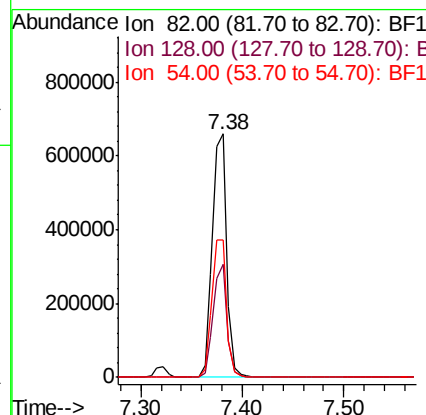
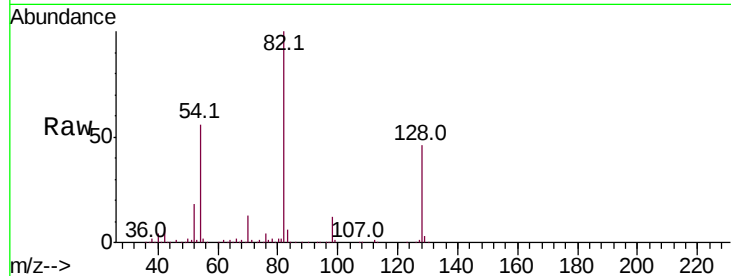




#23
 Nitrobenzene-d5
 Concen: 80.836 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

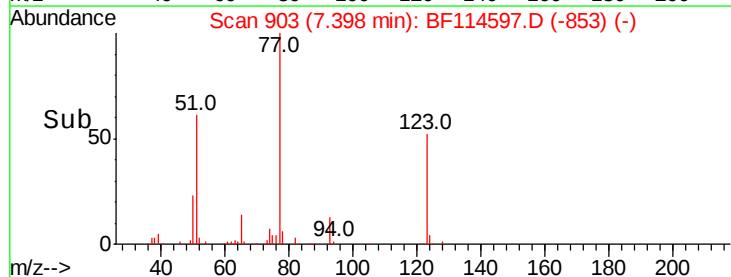
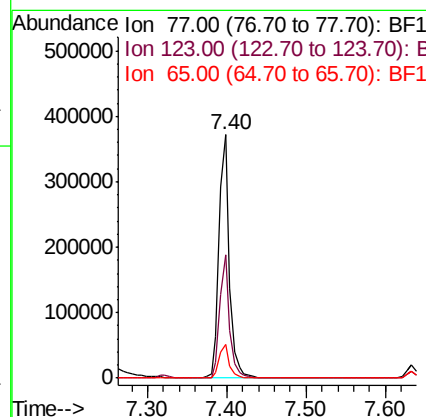
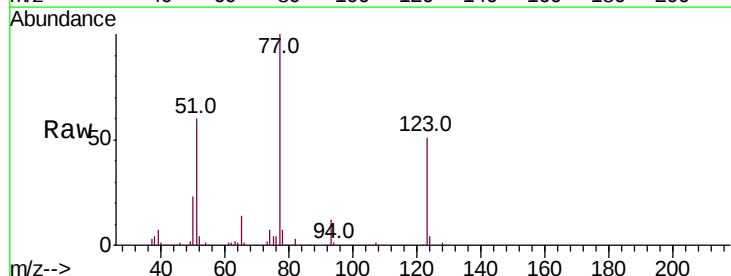
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

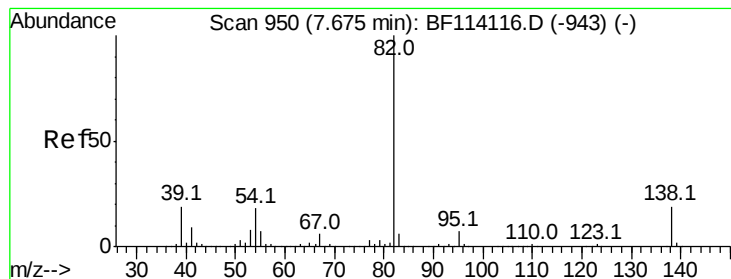
Tot Ion: 82 Resp: 650606
 Ion Ratio Lower Upper
 82 100
 128 46.5 35.5 53.3
 54 56.4 48.5 72.7



#24
 Nitrobenzene
 Concen: 41.373 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Tgt Ion: 77 Resp: 339152
 Ion Ratio Lower Upper
 77 100
 123 50.9 36.9 55.3
 65 14.0 11.8 17.6





#25

Isophorone

Concen: 38.875 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

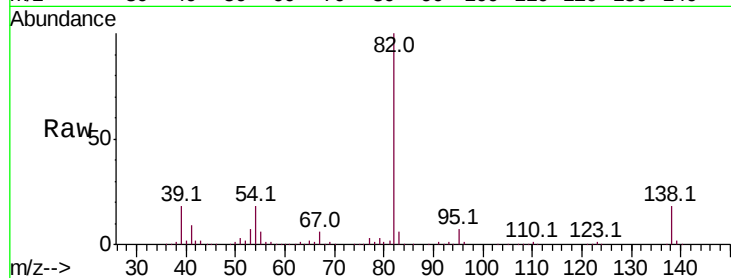
Tot Ion: 82 Resp: 580273

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

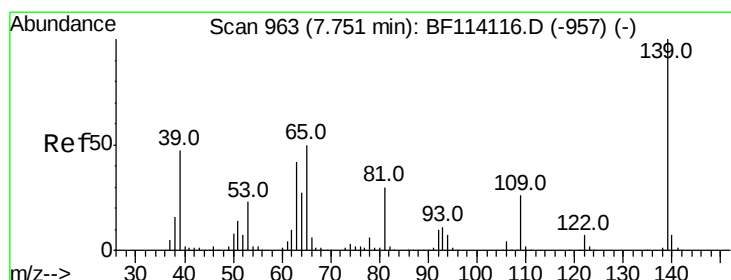
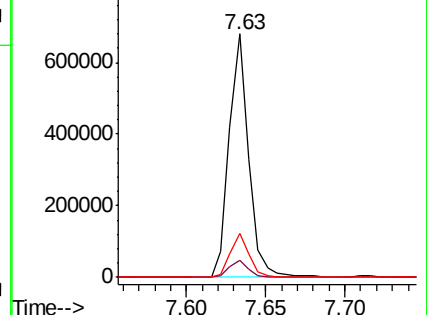
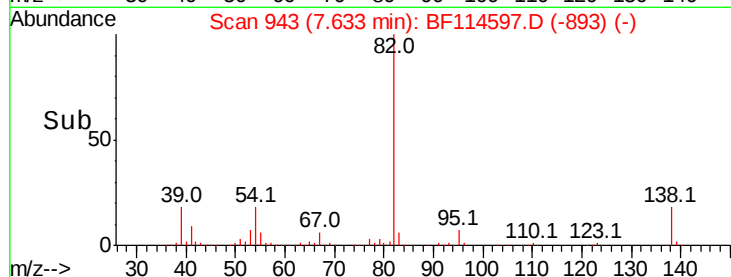
138 18.0 14.8 22.2



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: 39.290 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

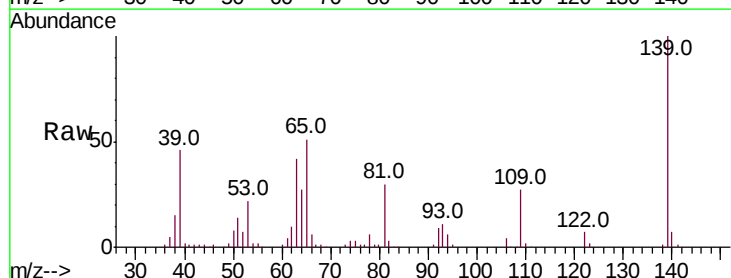
Tgt Ion: 139 Resp: 156260

Ion Ratio Lower Upper

139 100

109 26.8 20.7 31.1

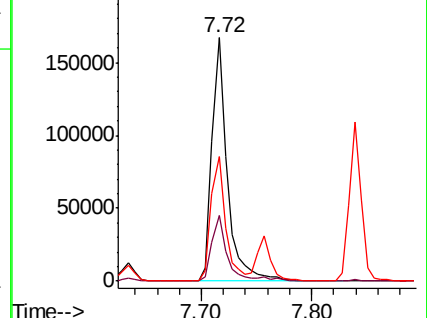
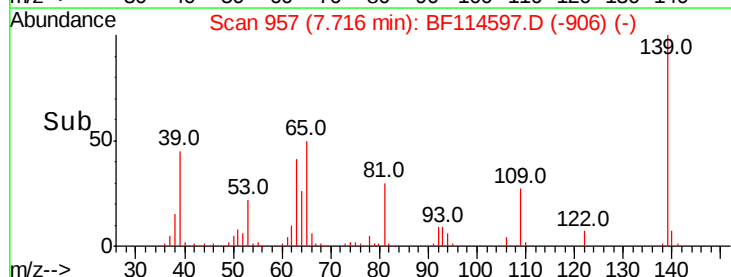
65 51.4 40.2 60.2

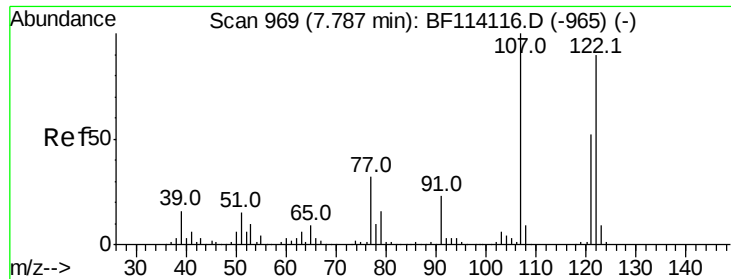


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

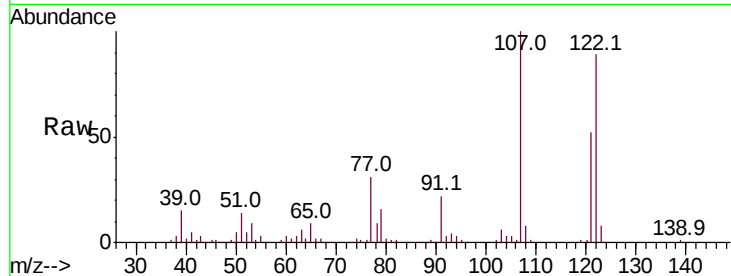




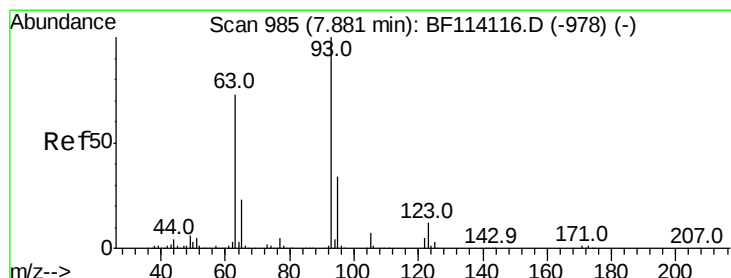
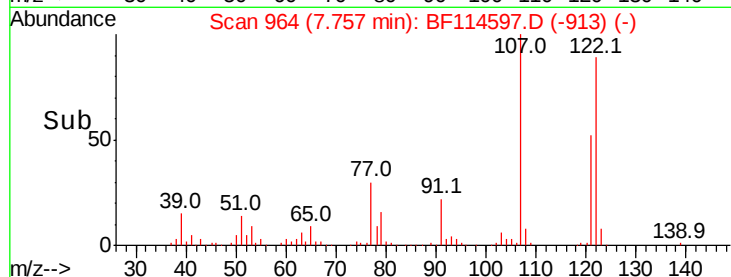
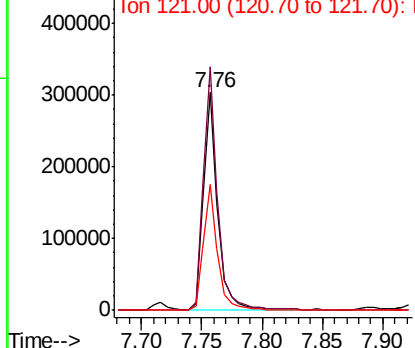
#27
2,4-Dimethylphenol
Concen: 39.696 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 247958
Ion Ratio Lower Upper
122 100
107 112.0 88.4 132.6
121 57.7 45.9 68.9

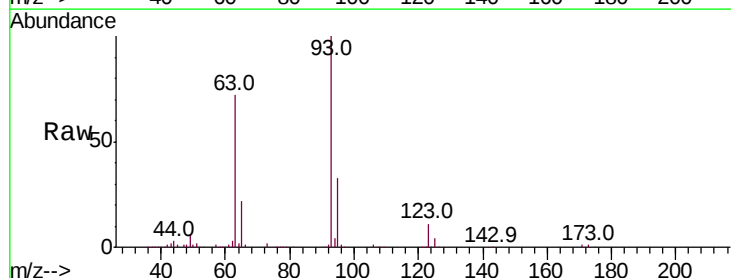


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

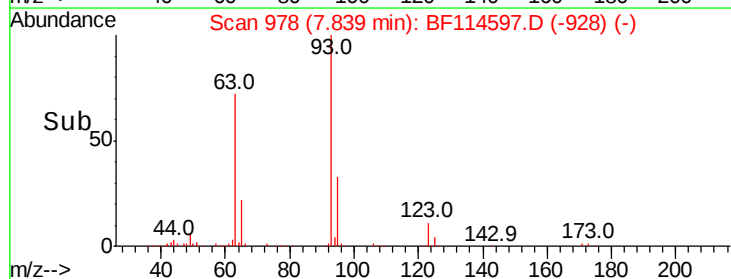
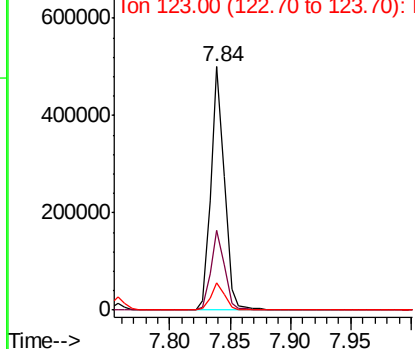


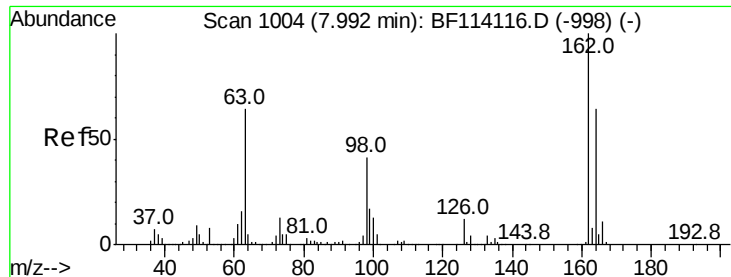
#28
bis(2-Chloroethoxy)methane
Concen: 39.843 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion: 93 Resp: 385880
Ion Ratio Lower Upper
93 100
95 32.8 26.8 40.2
123 11.1 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

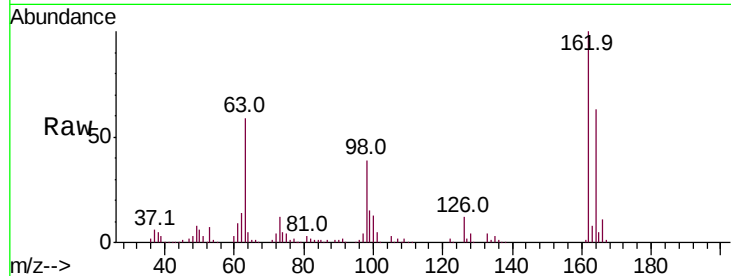




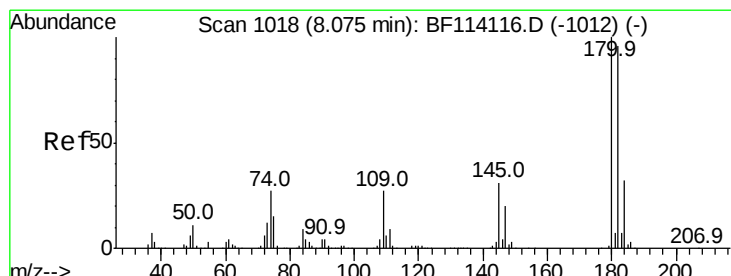
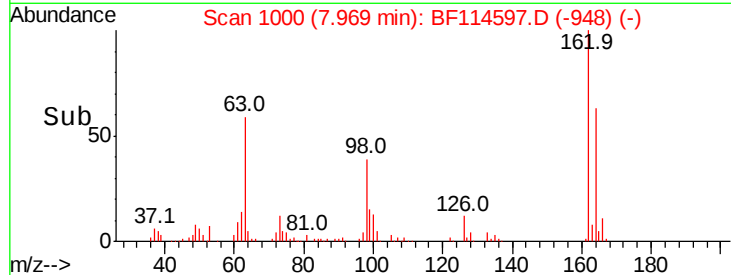
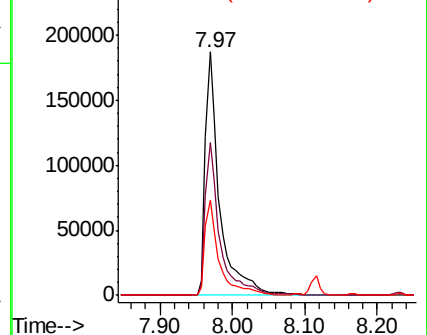
#29
2,4-Dichlorophenol
Concen: 41.654 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.6	83.6
98	38.9	20.6	60.6

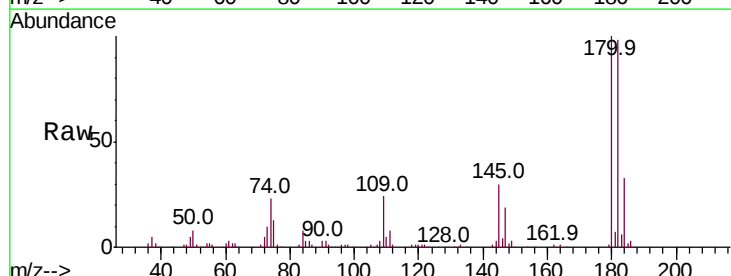


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

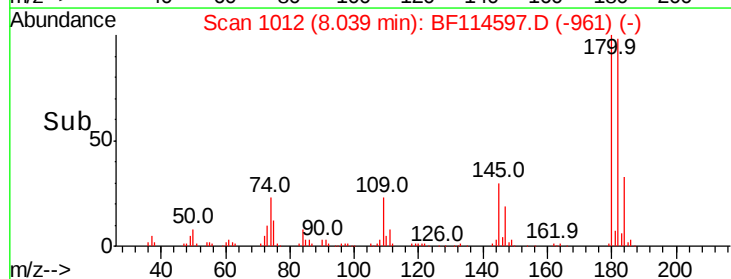
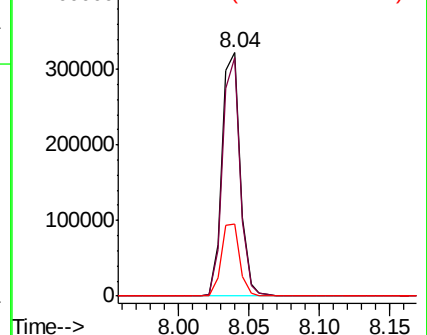


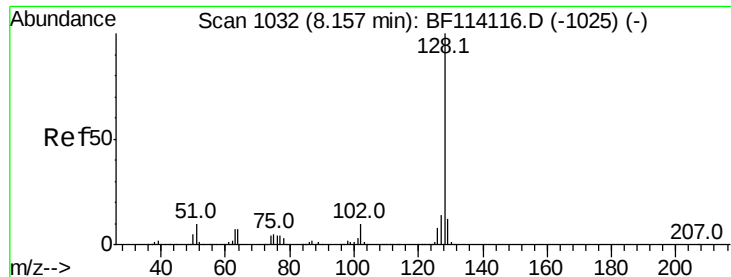
#30
1,2,4-Trichlorobenzene
Concen: 41.070 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	76.6	114.8
145	29.7	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

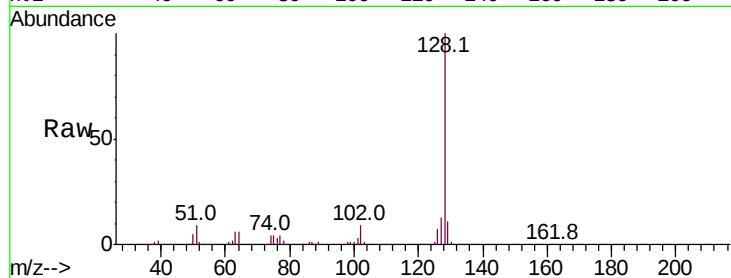




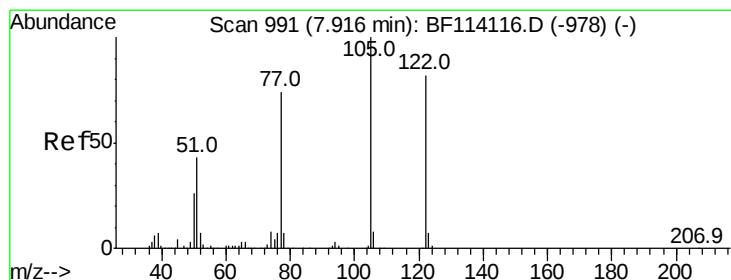
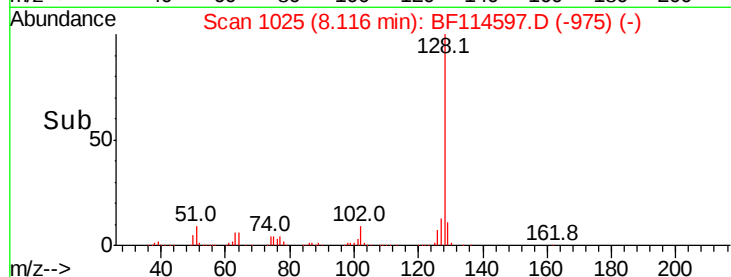
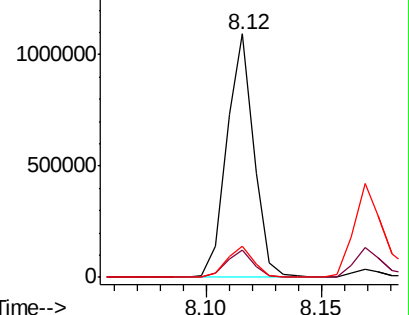
#31
Naphthalene
Concen: 42.419 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 894981
Ion Ratio Lower Upper
128 100
129 11.1 9.6 14.4
127 13.0 11.3 16.9

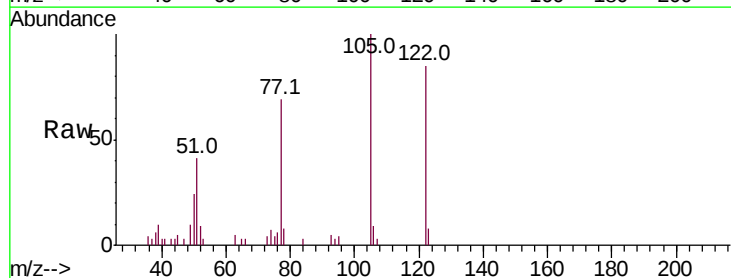


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

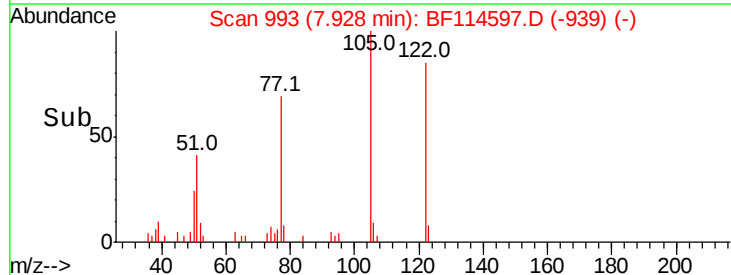
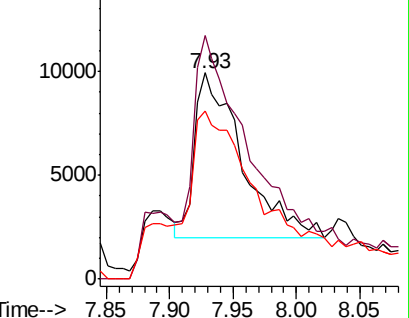


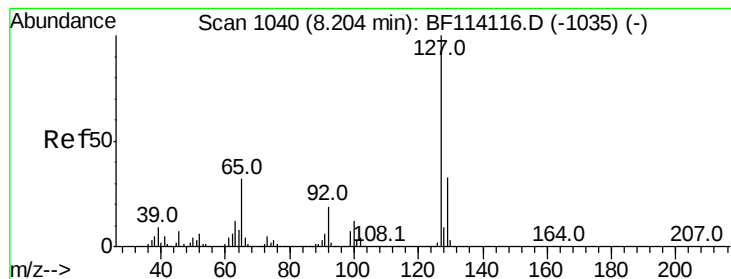
#32
Benzoic acid
Concen: 10.975 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.02 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion:122 Resp: 20628
Ion Ratio Lower Upper
122 100
105 118.0 99.9 139.9
77 81.5 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E
15000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 42.965 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 413087

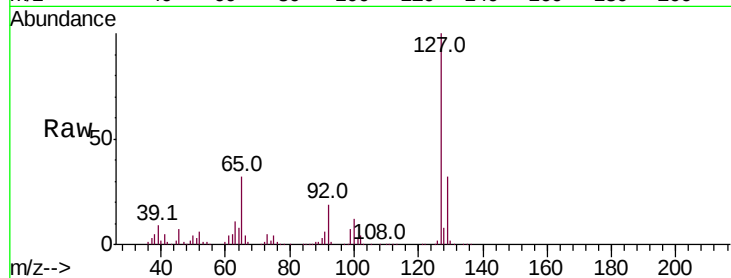
Ion Ratio Lower Upper

127 100

129 32.3 26.7 40.1

65 31.7 25.4 38.0

92 18.9 15.4 23.2

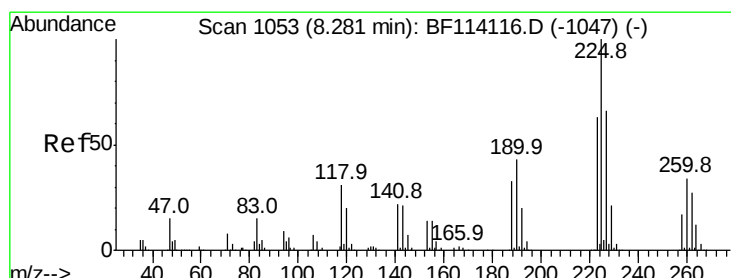
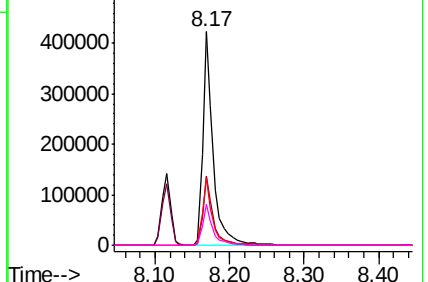
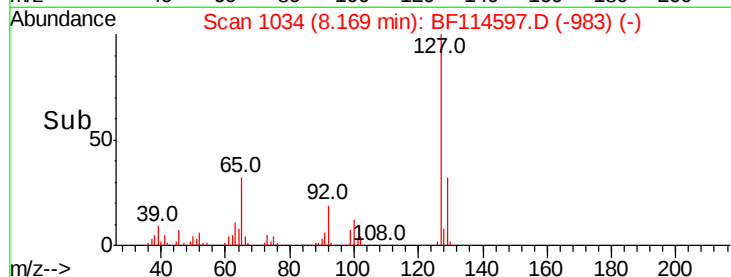


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 41.625 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

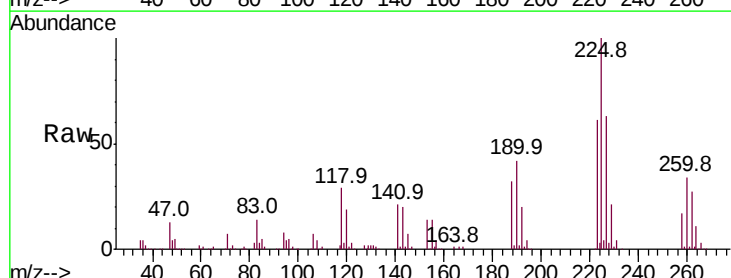
Tgt Ion:225 Resp: 167512

Ion Ratio Lower Upper

225 100

223 61.3 50.2 75.2

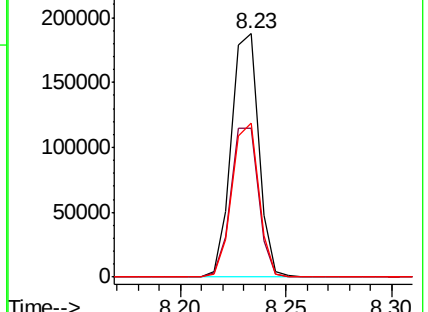
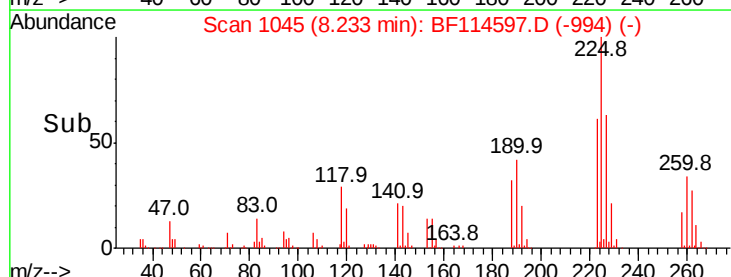
227 63.5 52.6 79.0

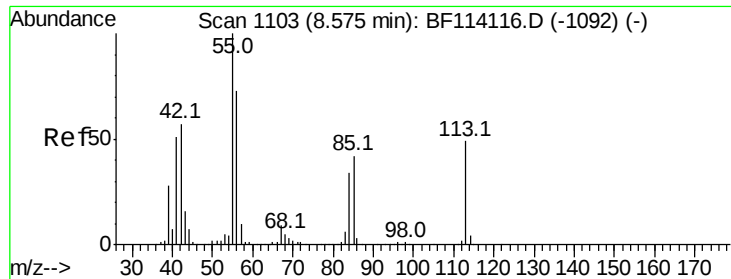


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

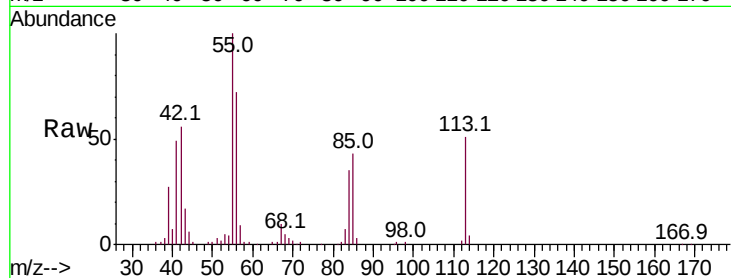




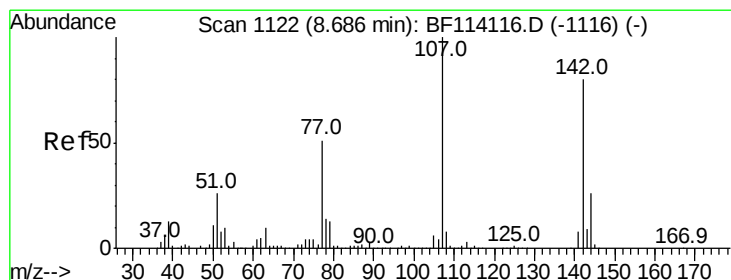
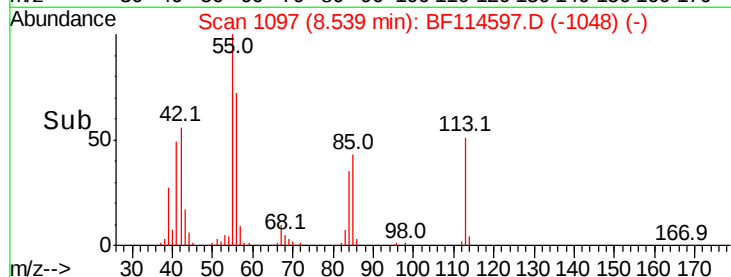
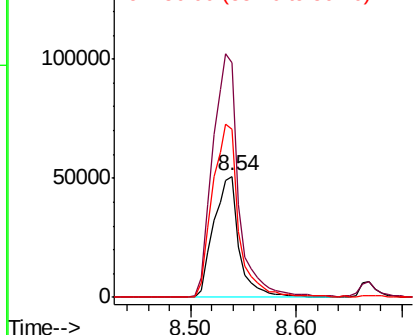
#35
Caprolactam
Concen: 42.648 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 86497
Ion Ratio Lower Upper
113 100
55 194.4 183.5 223.5
56 139.4 128.8 168.8

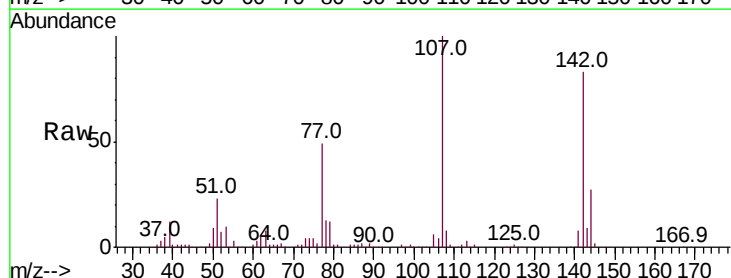


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

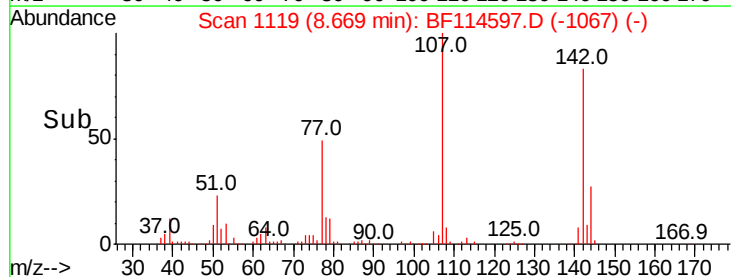
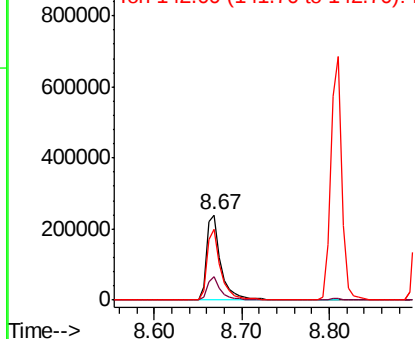


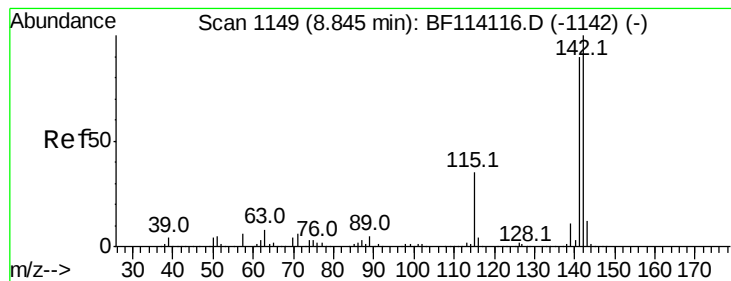
#36
4-Chloro-3-methylphenol
Concen: 43.258 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion:107 Resp: 270833
Ion Ratio Lower Upper
107 100
144 27.3 20.4 30.6
142 83.3 64.2 96.4



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





#37

2-Methylnaphthalene

Concen: 43.923 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

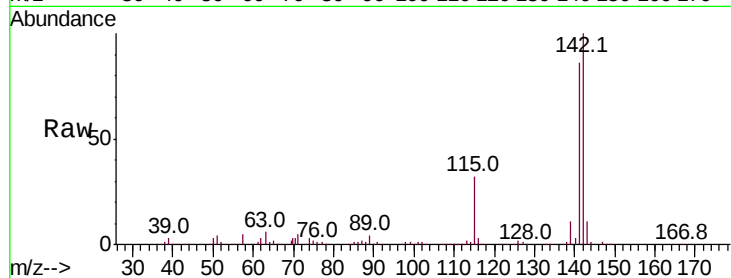
Tot Ion:142 Resp: 597920

Ion Ratio Lower Upper

142 100

141 86.0 72.1 108.1

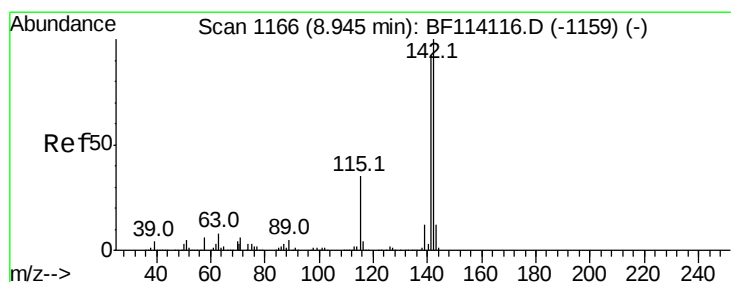
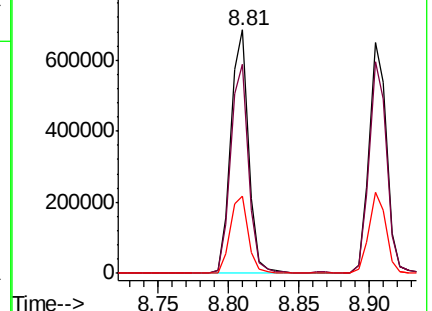
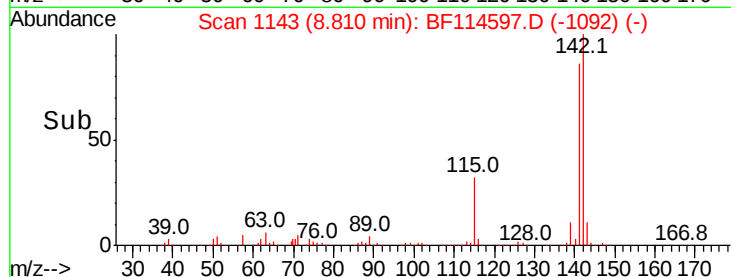
115 31.6 28.0 42.0



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: 43.954 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

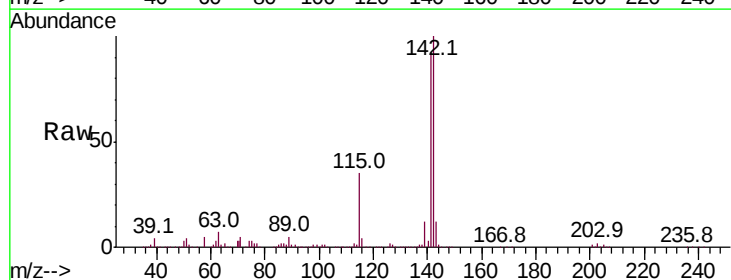
Tgt Ion:142 Resp: 563472

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.0

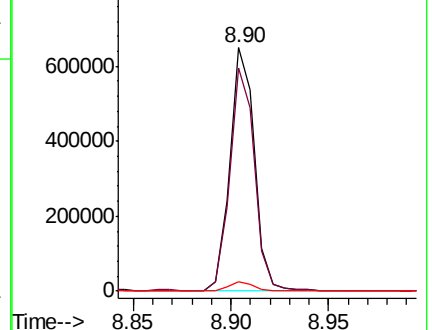
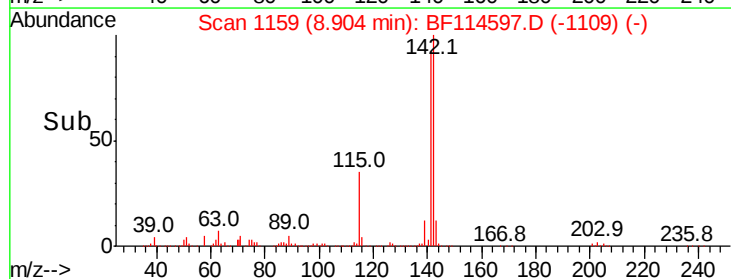
116 3.9 3.1 4.7

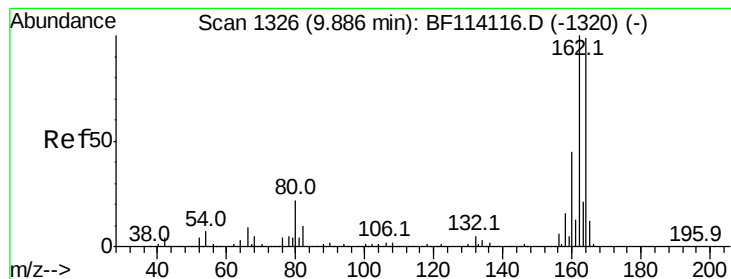


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

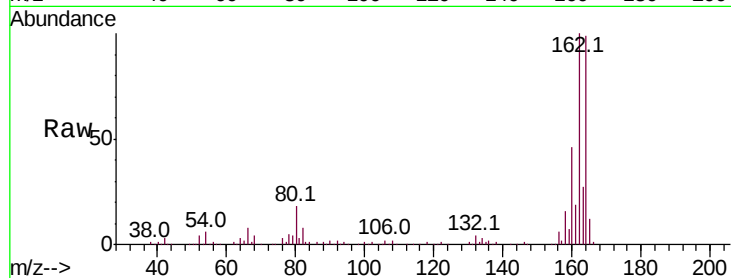
Tot Ion:164 Resp: 222857

Ion Ratio Lower Upper

164 100

162 100.7 80.6 120.8

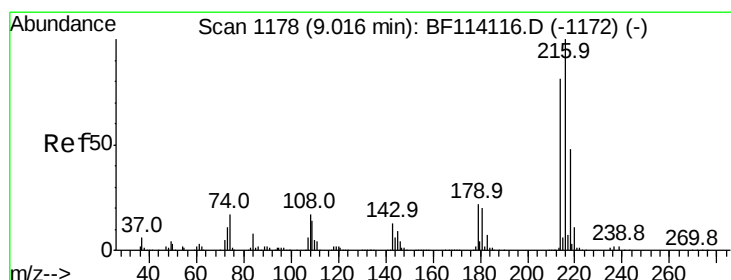
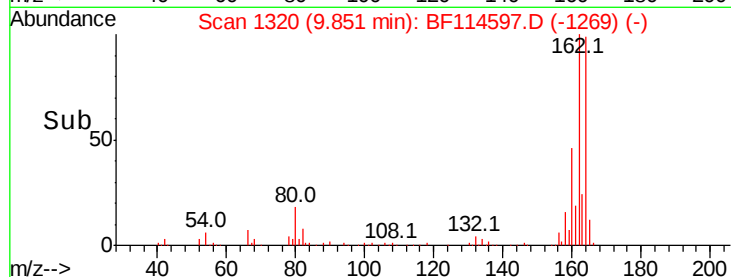
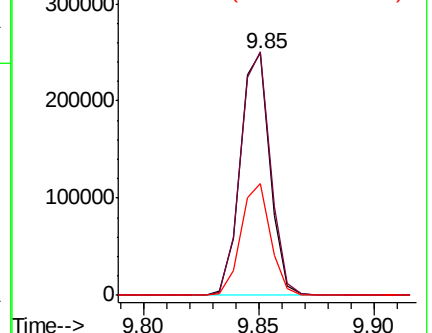
160 46.0 36.5 54.7



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: 41.250 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Tgt Ion:216 Resp: 278469

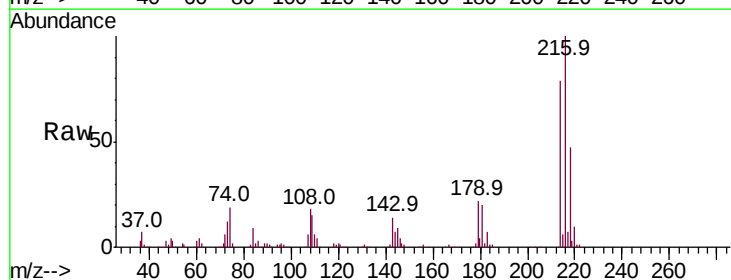
Ion Ratio Lower Upper

216 100

214 78.7 63.9 95.9

179 20.9 17.0 25.6

108 16.9 14.8 22.2

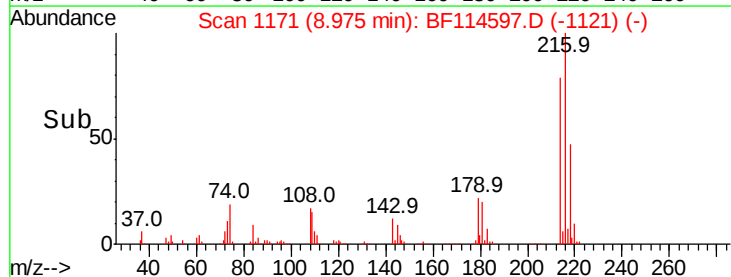
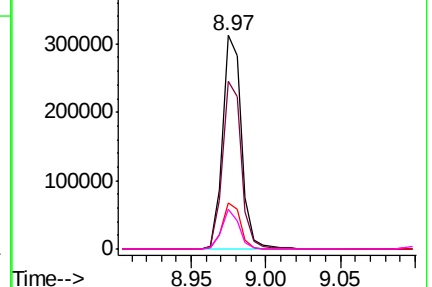


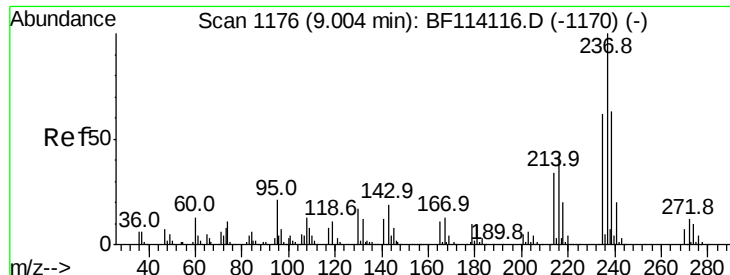
Abundance Ion 216.00 (215.70 to 216.70): E

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: 6.891 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

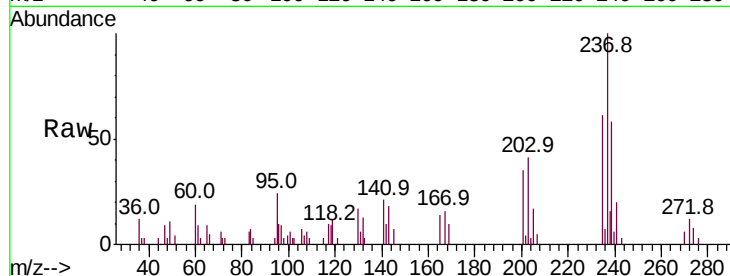
Tot Ion:237 Resp: 8536

Ion Ratio Lower Upper

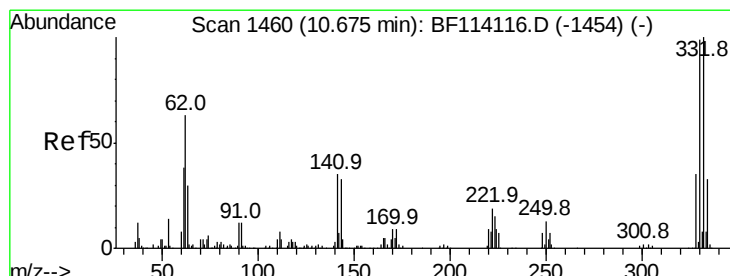
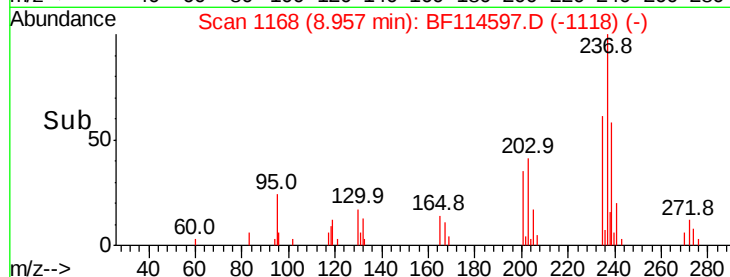
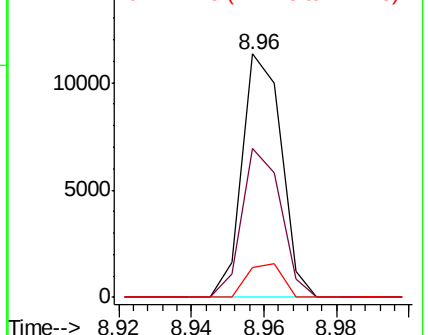
237 100

235 61.4 42.0 82.0

272 12.1 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: 71.395 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

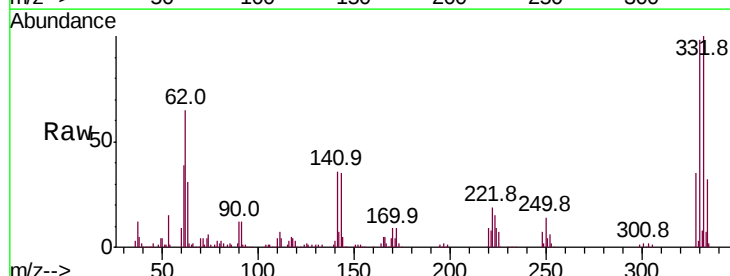
Tgt Ion:330 Resp: 164491

Ion Ratio Lower Upper

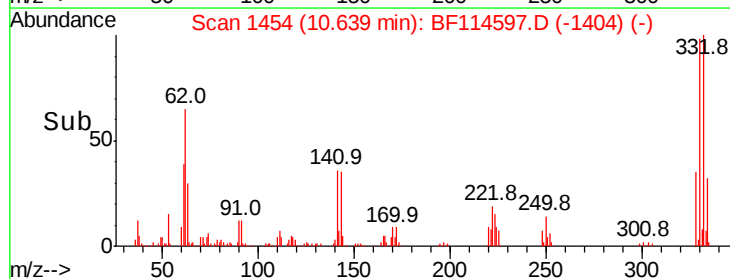
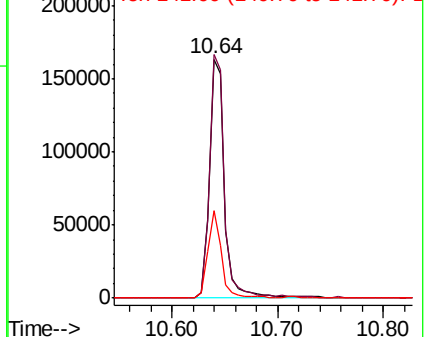
330 100

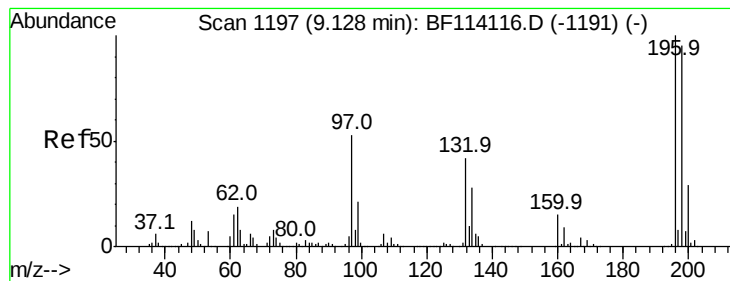
332 101.0 81.4 122.2

141 32.6 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: 36.934 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

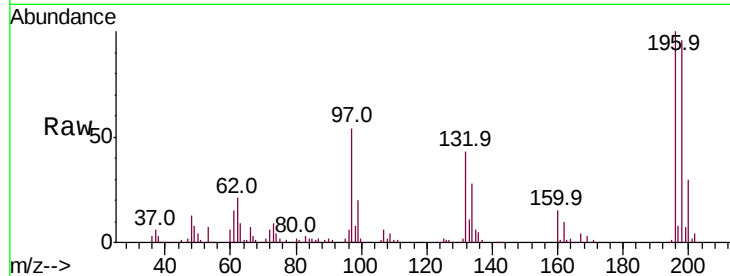
Tot Ion:196 Resp: 171502

Ion Ratio Lower Upper

196 100

198 95.5 75.9 113.9

200 30.4 23.5 35.3

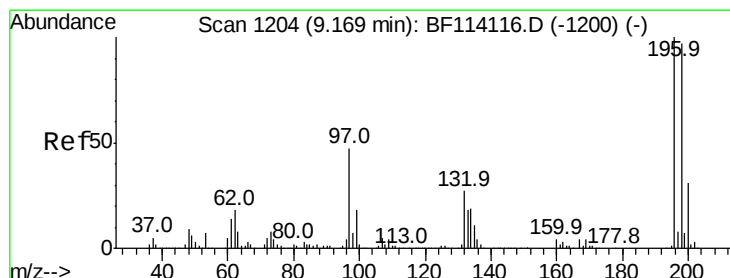
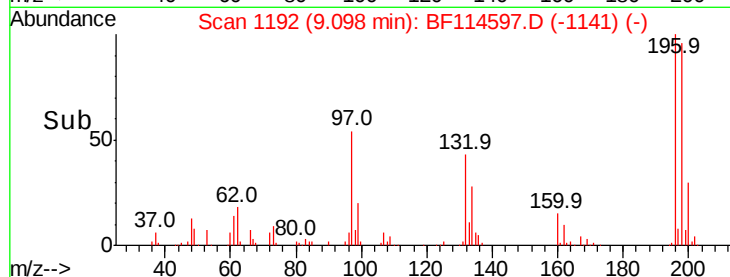
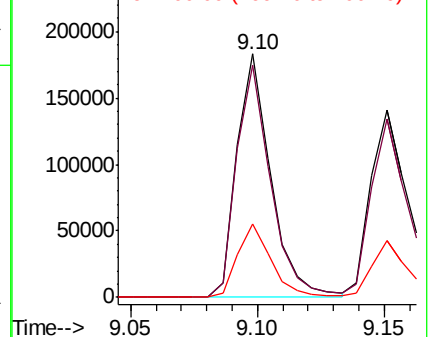


Abundance

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: 35.352 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Tgt Ion:196 Resp: 168346

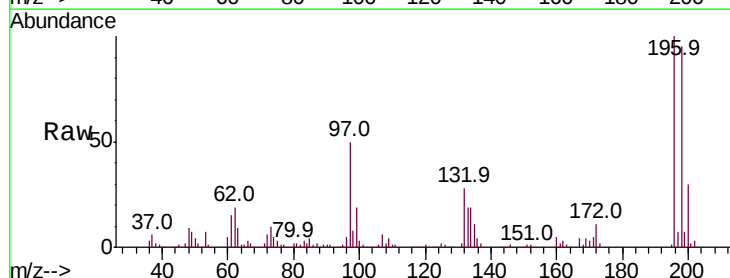
Ion Ratio Lower Upper

196 100

198 95.2 77.7 116.5

97 49.7 38.2 57.2

132 28.1 21.4 32.2



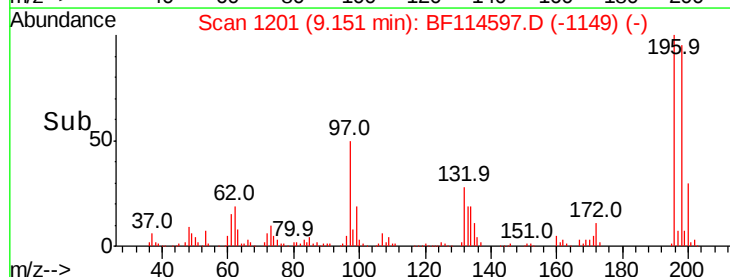
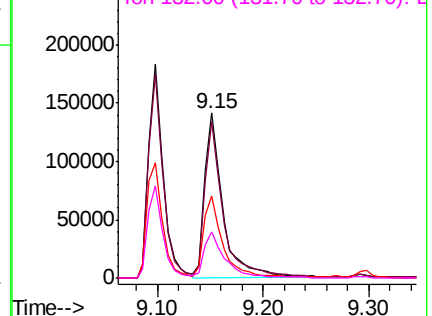
Abundance

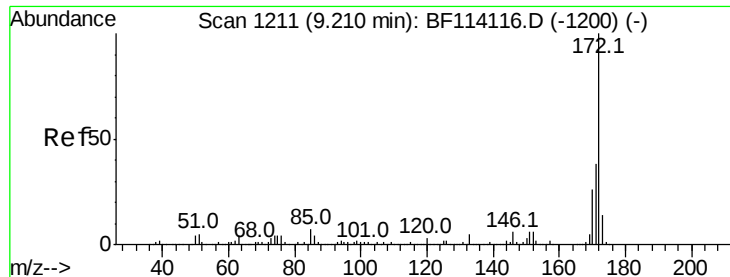
Ion 196.00 (195.70 to 196.70): E

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



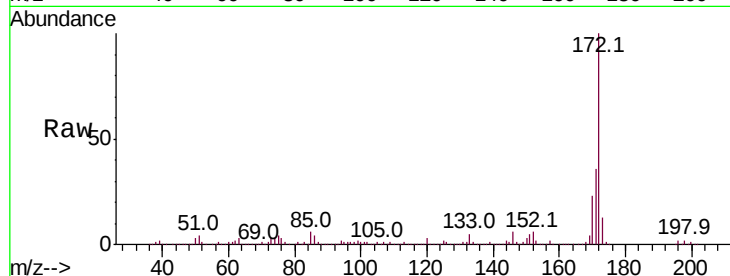


#45
 2-Fluorobiphenyl
 Concen: 80.363 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

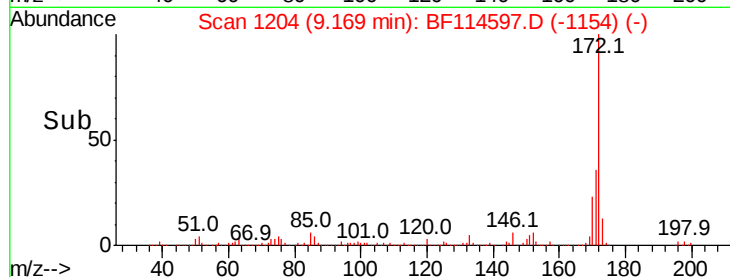
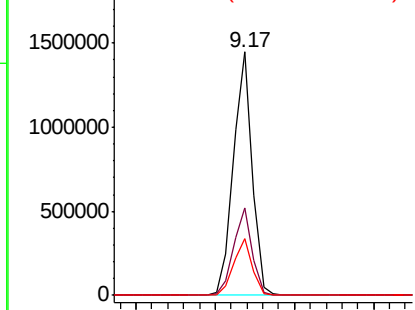
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 1183962

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.7	46.1
170	23.3	20.5	30.7



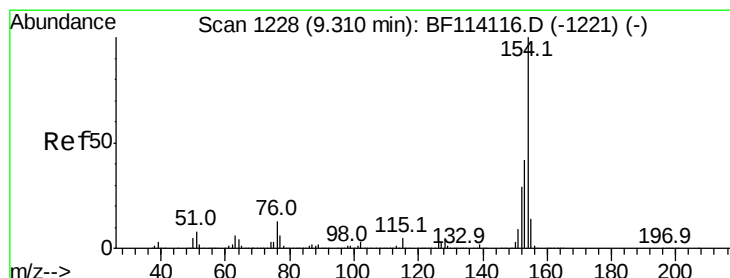
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



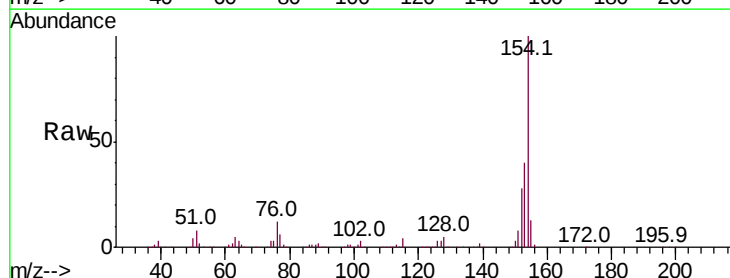
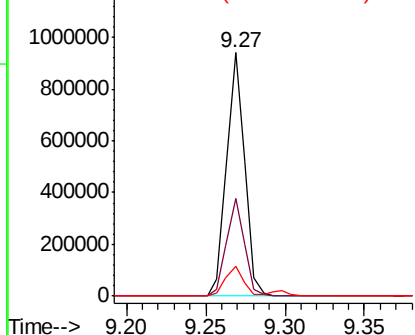
#46
 1,1'-Biphenyl
 Concen: 41.010 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

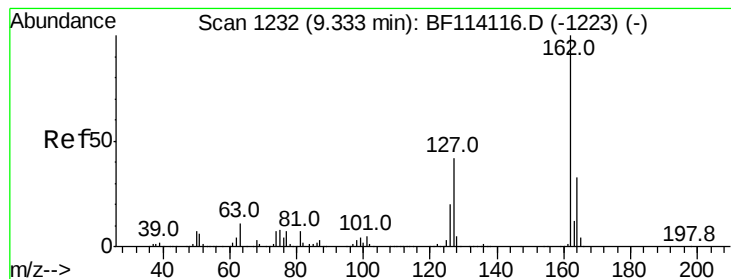
Tgt Ion:154 Resp: 738334

Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.9	61.9
76	12.1	0.0	32.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 40.191 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

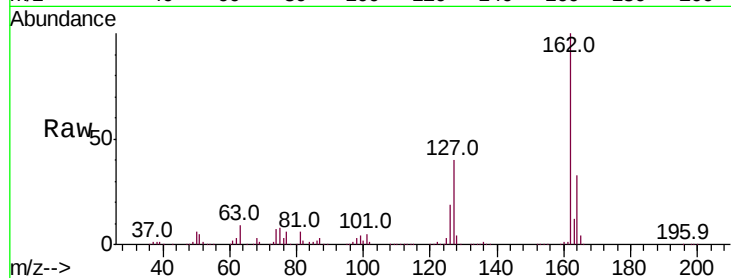
Tot Ion:162 Resp: 582338

Ion Ratio Lower Upper

162 100

127 39.9 34.0 51.0

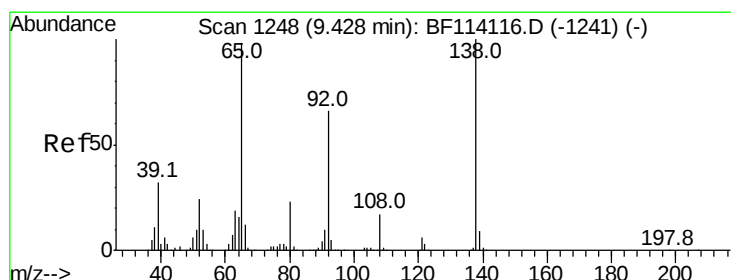
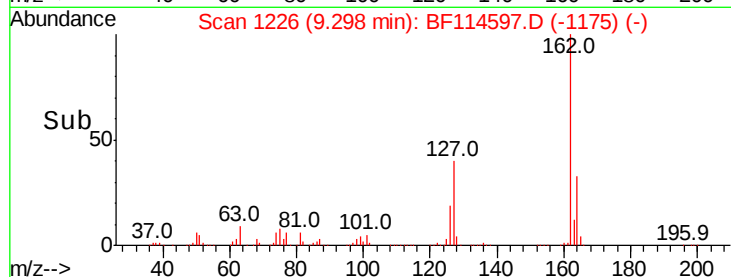
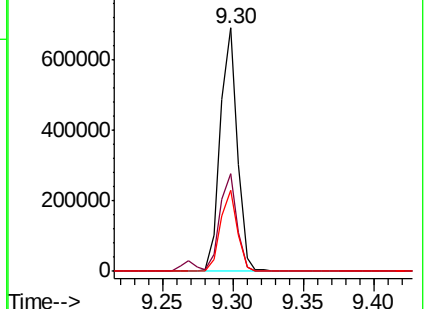
164 33.4 26.7 40.1



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: 40.365 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

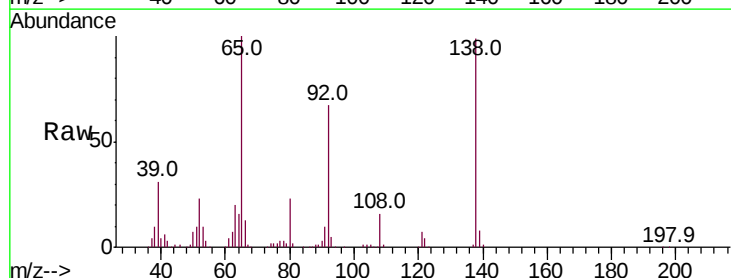
Tgt Ion: 65 Resp: 207421

Ion Ratio Lower Upper

65 100

92 66.7 53.9 80.9

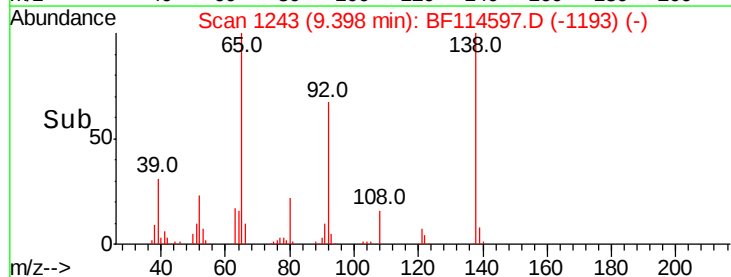
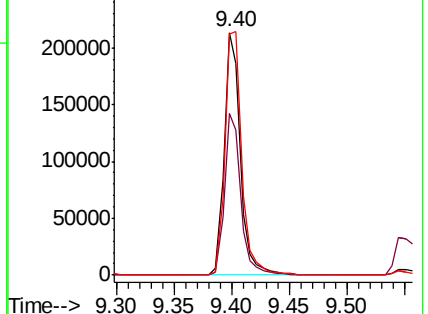
138 99.4 81.4 122.0

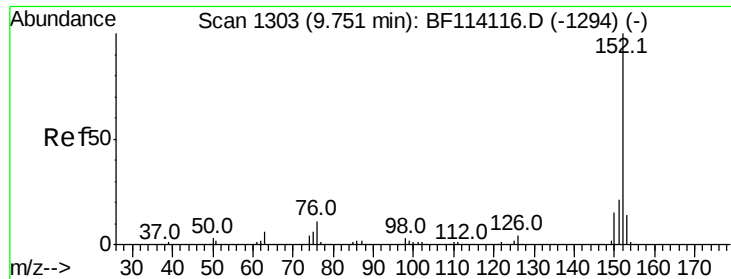


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.272 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

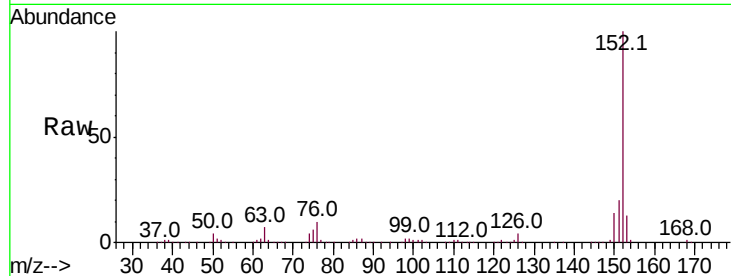
Tot Ion:152 Resp: 909533

Ion Ratio Lower Upper

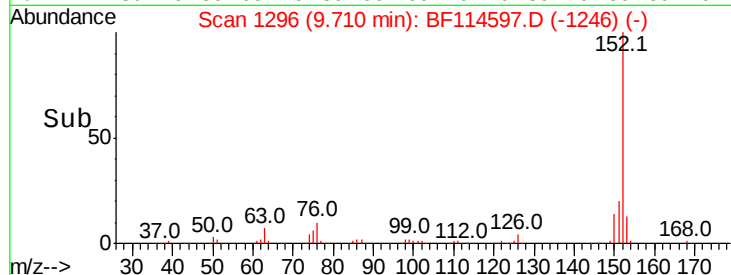
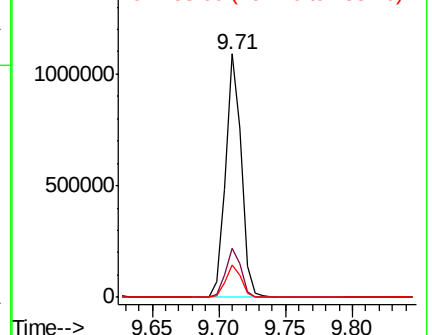
152 100

151 20.0 16.8 25.2

153 13.2 11.4 17.2



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



#50

Dimethylphthalate

Concen: 40.251 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

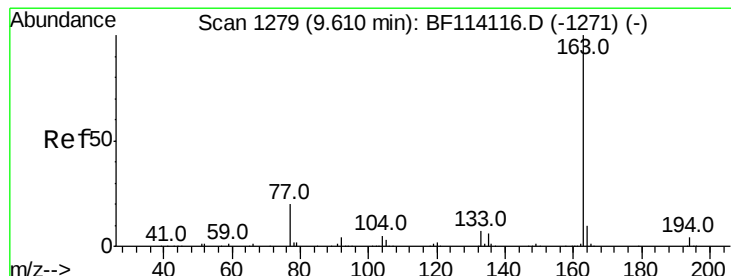
Tgt Ion:163 Resp: 658494

Ion Ratio Lower Upper

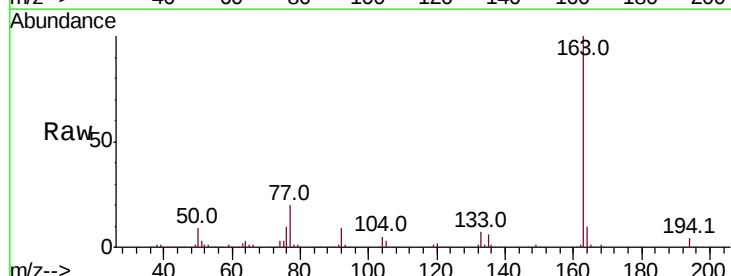
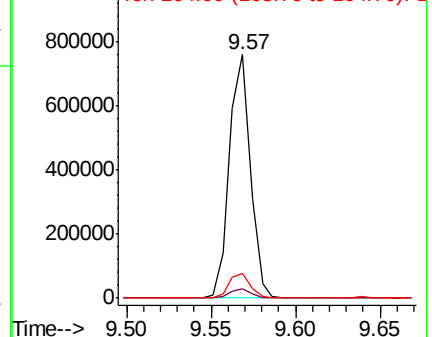
163 100

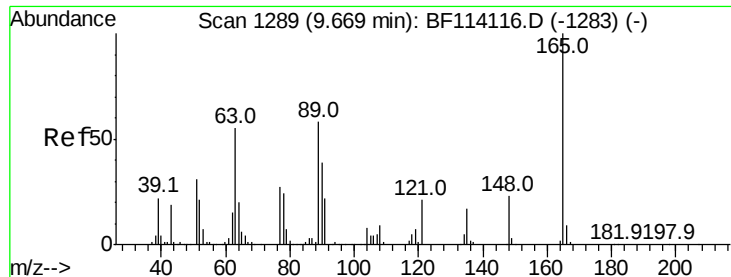
194 4.1 3.4 5.0

164 9.9 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: 40.048 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

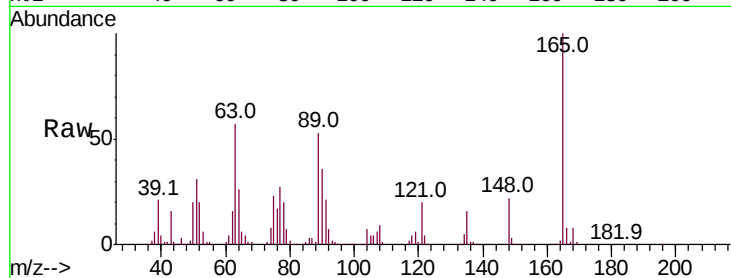
Tot Ion:165 Resp: 145318

Ion Ratio Lower Upper

165 100

63 56.7 50.2 75.4

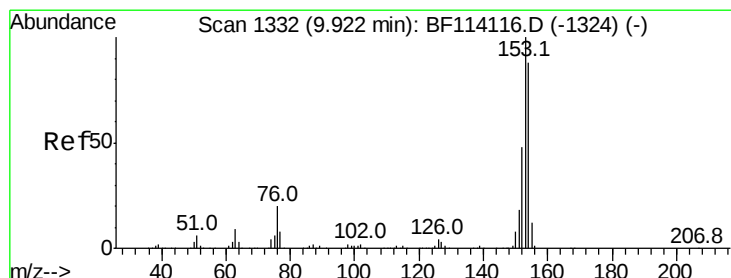
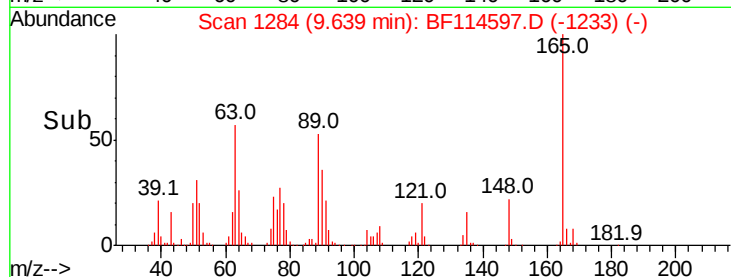
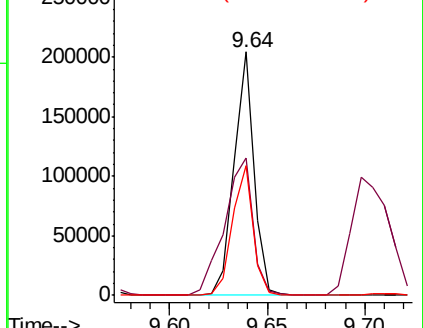
89 53.1 46.6 69.8



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: 40.065 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

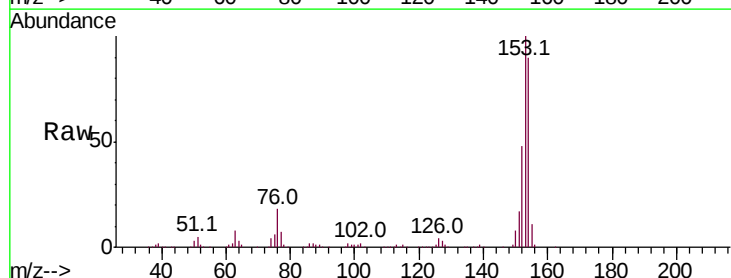
Tgt Ion:154 Resp: 541808

Ion Ratio Lower Upper

154 100

153 110.7 90.5 135.7

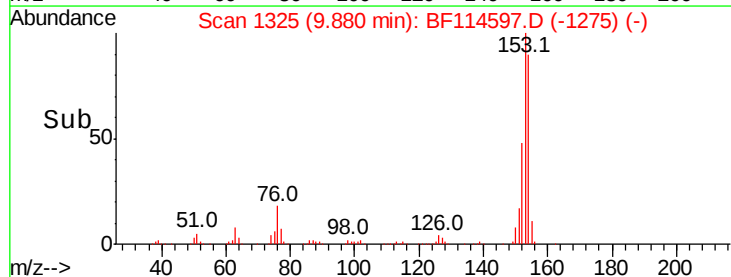
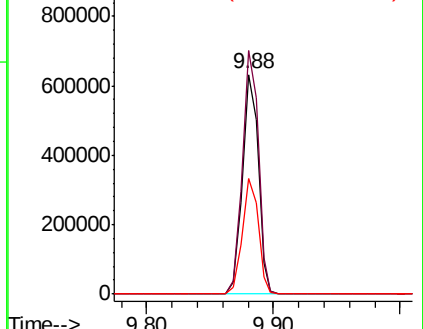
152 52.8 43.4 65.2



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

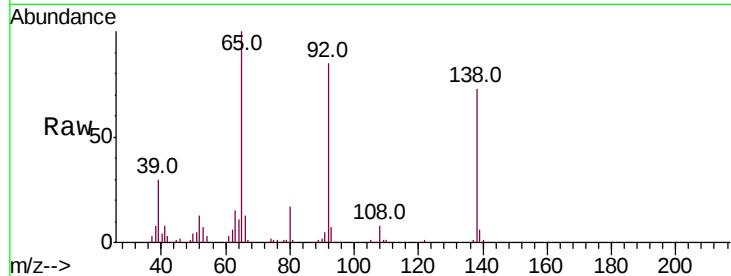




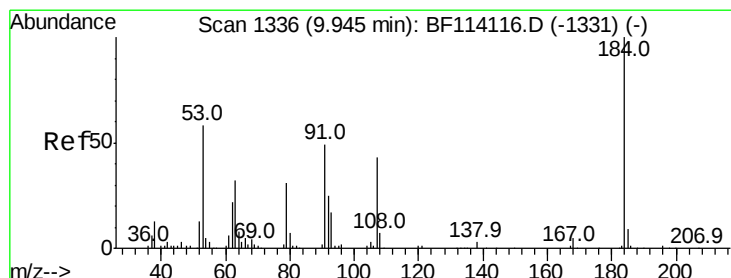
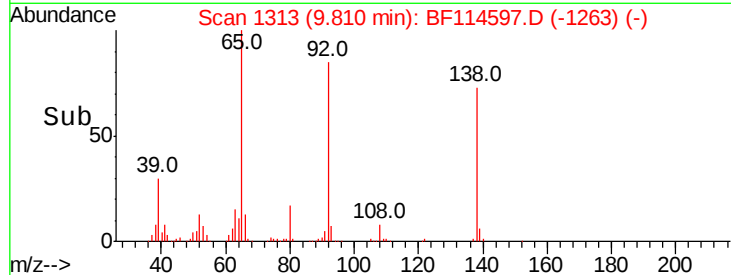
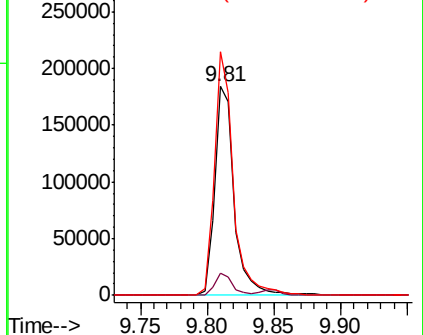
#53
3-Nitroaniline
Concen: 42.194 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 190055
Ion Ratio Lower Upper
138 100
108 10.6 7.8 11.6
92 116.7 91.2 136.8

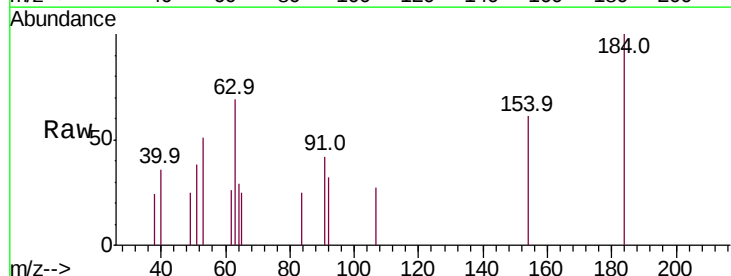


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

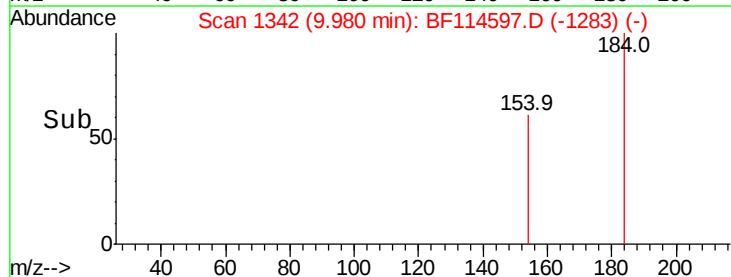
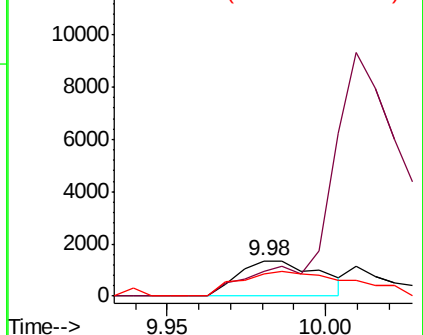


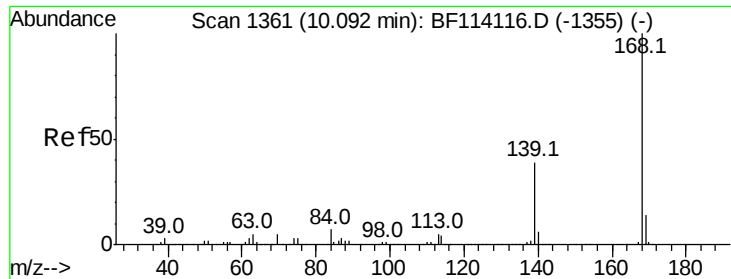
#54
2,4-Dinitrophenol
Concen: 7.955 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.05 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion:184 Resp: 2410
Ion Ratio Lower Upper
184 100
63 68.7 55.6 83.4
154 61.3 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: 39.405 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

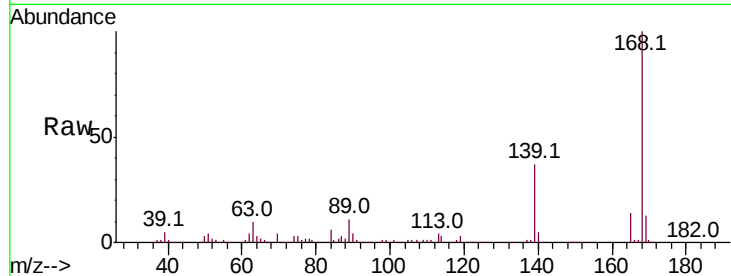
Tot Ion:168 Resp: 781385

Ion Ratio Lower Upper

168 100

139 37.2 31.1 46.7

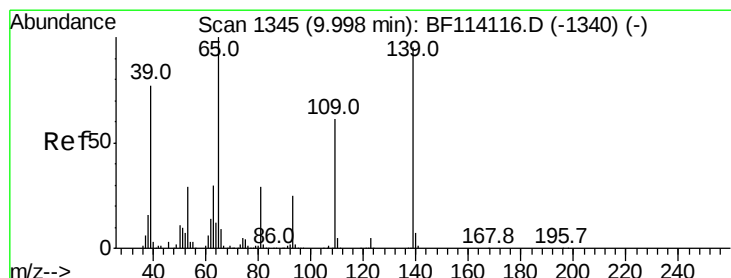
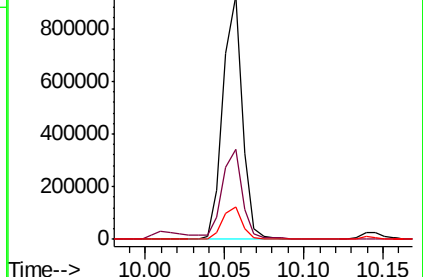
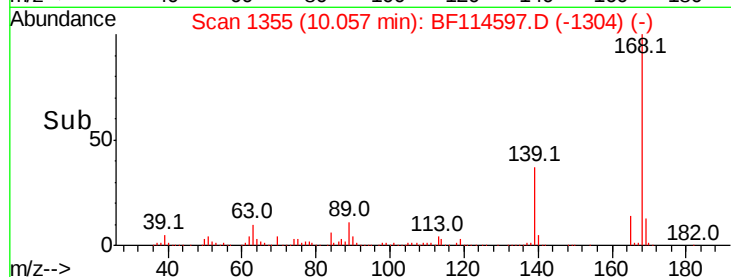
169 13.1 11.4 17.0



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: 14.064 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.02 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

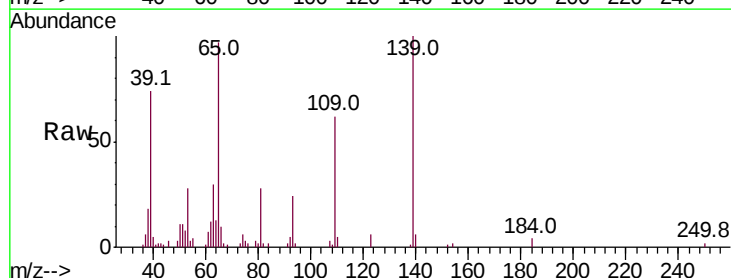
Tgt Ion:139 Resp: 44801

Ion Ratio Lower Upper

139 100

109 61.5 43.9 83.9

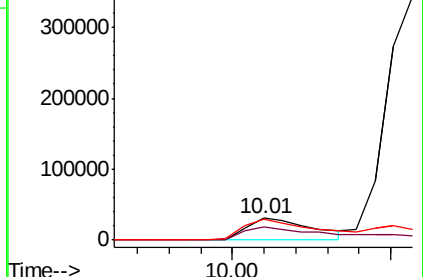
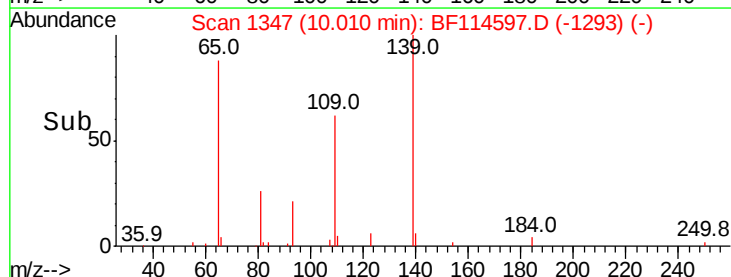
65 97.1 85.7 125.7

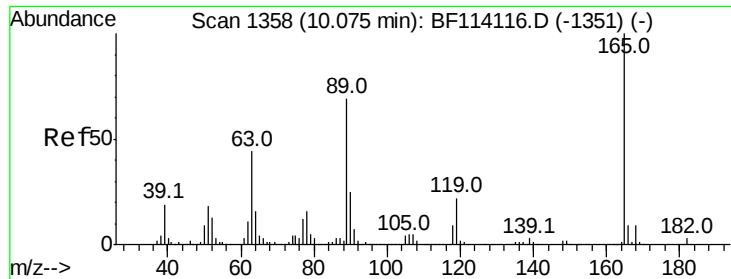


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

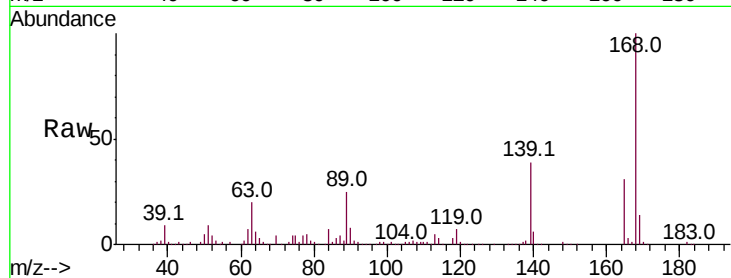




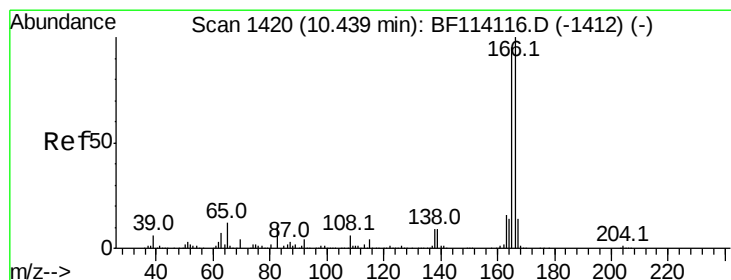
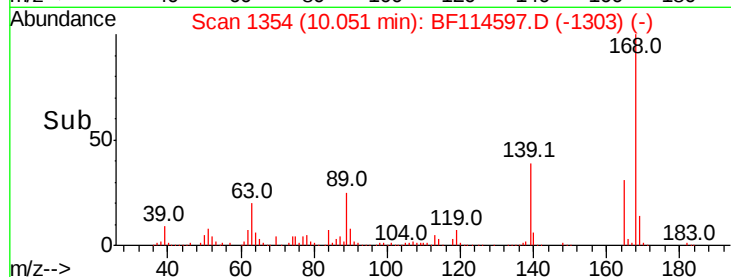
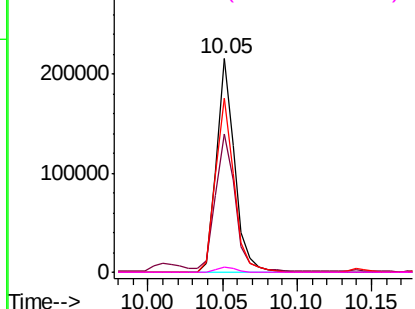
#57
 2,4-Dinitrotoluene
 Concen: 37.330 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.0	35.5	53.3#
89	81.6	55.2	82.8
182	2.5	2.2	3.2

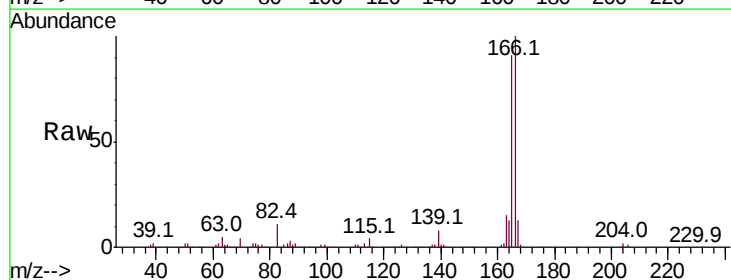


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

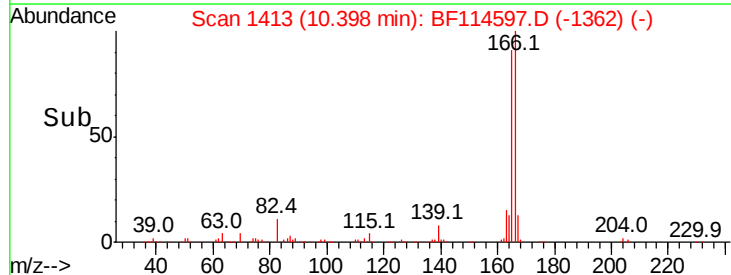
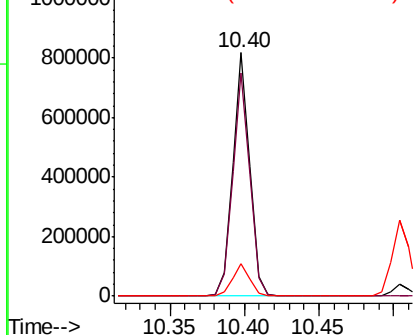


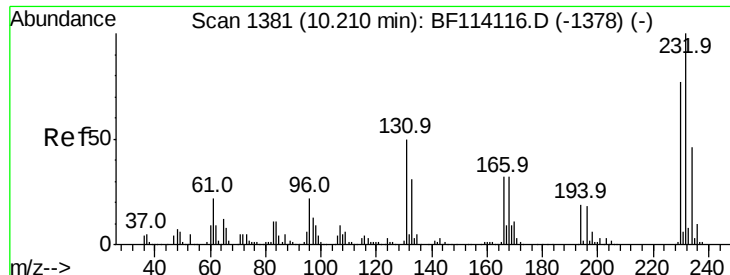
#58
 Fluorene
 Concen: 43.140 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	91.4	76.1	114.1
167	13.1	11.1	16.7



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

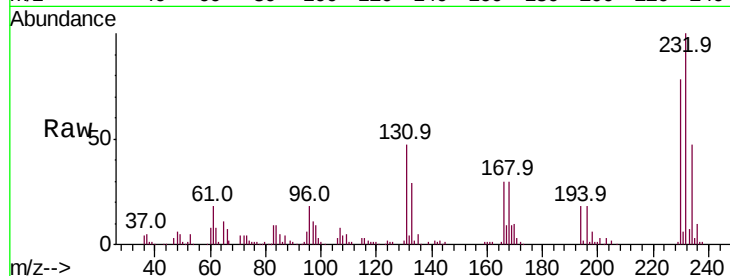




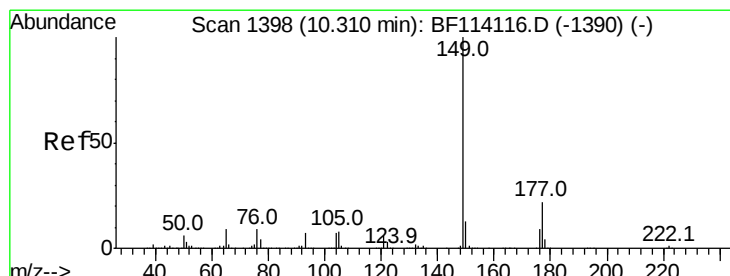
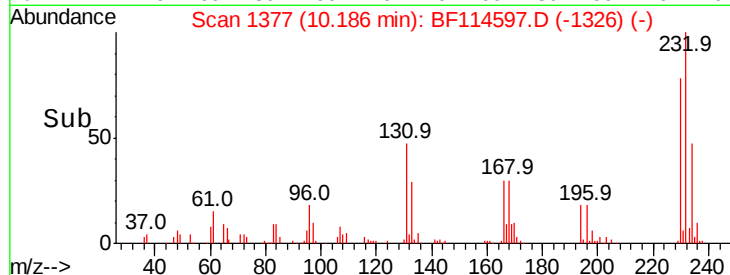
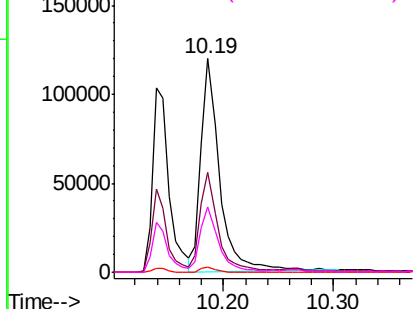
#59
2,3,4,6-Tetrachlorophenol
Concen: 33.537 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:232 Resp: 137801
Ion Ratio Lower Upper
232 100
131 42.7 35.6 53.4
130 1.8 1.6 2.4
166 28.2 24.1 36.1

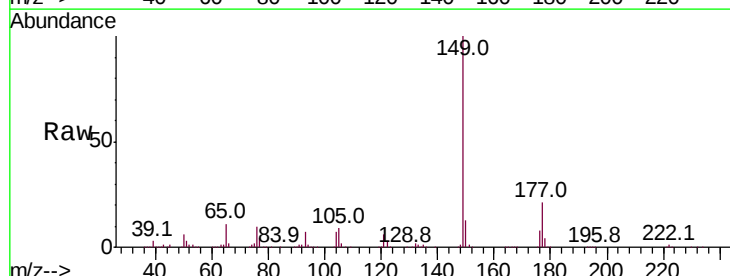


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

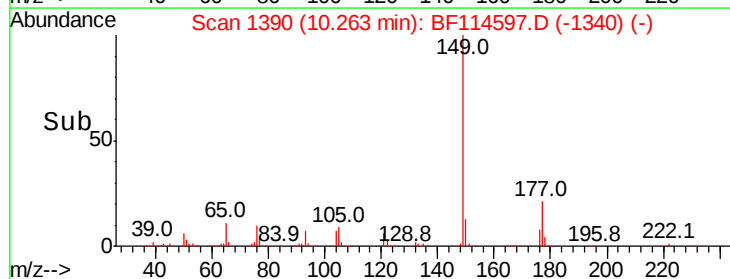
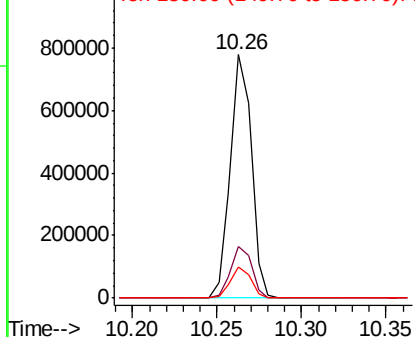


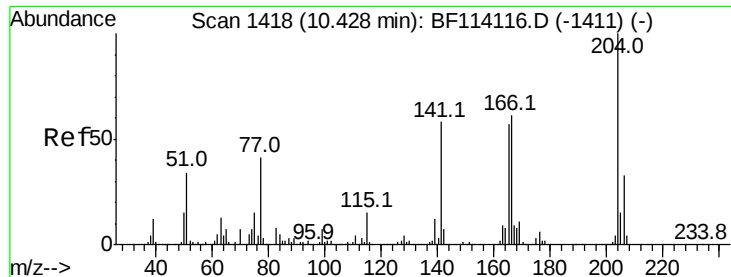
#60
Diethylphthalate
Concen: 40.712 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion:149 Resp: 676732
Ion Ratio Lower Upper
149 100
177 21.0 17.8 26.6
150 12.6 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

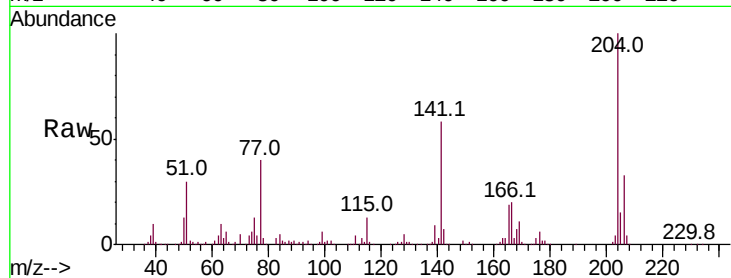




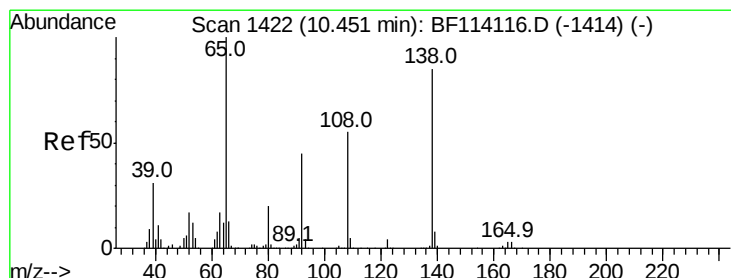
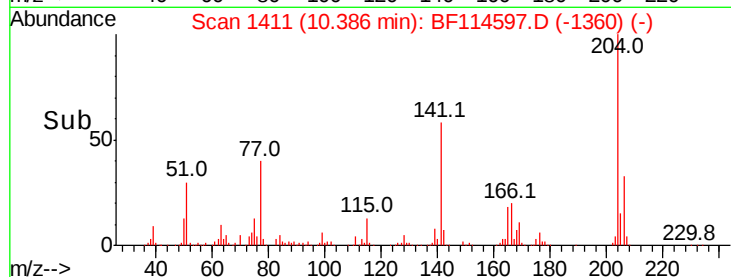
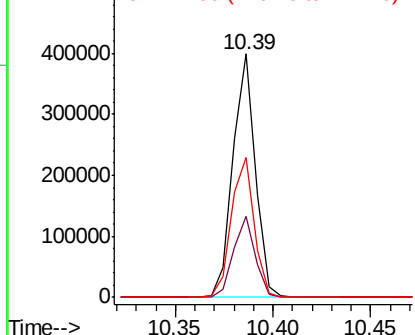
#61
4-Chlorophenyl-phenylether
Concen: 42.189 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 317375
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 57.5 46.4 69.6

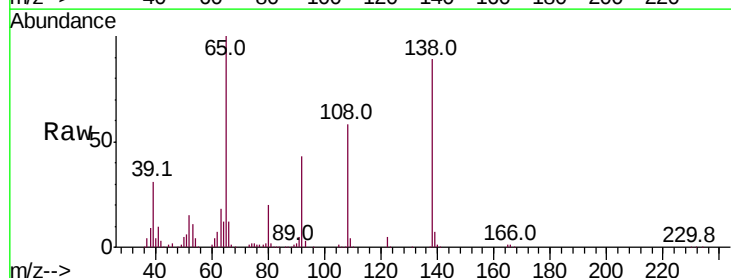


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

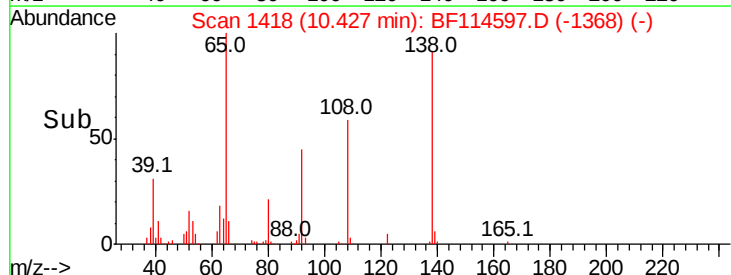
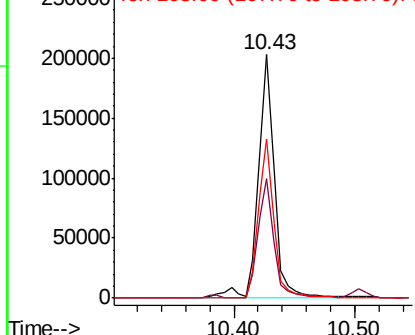


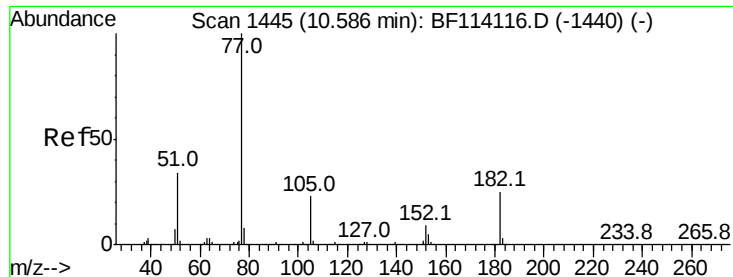
#62
4-Nitroaniline
Concen: 40.406 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion:138 Resp: 191252
Ion Ratio Lower Upper
138 100
92 49.1 33.0 73.0
108 65.5 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

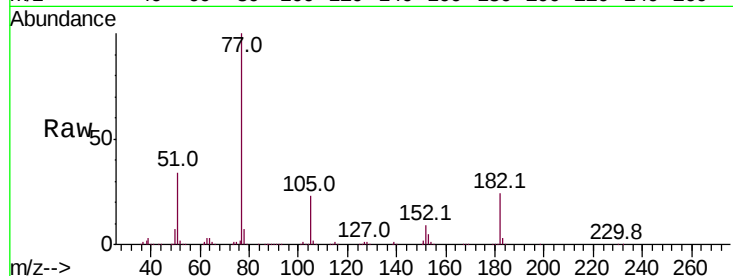




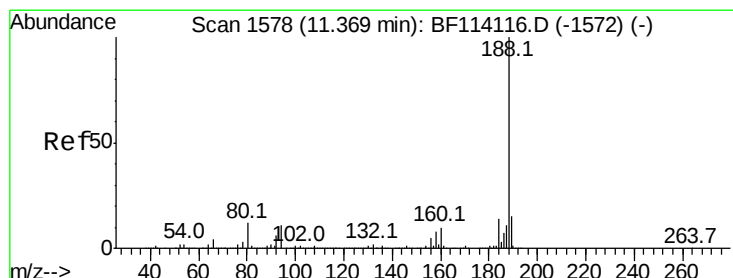
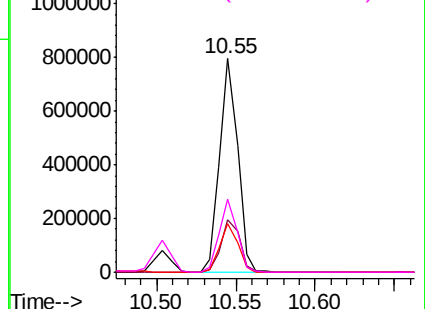
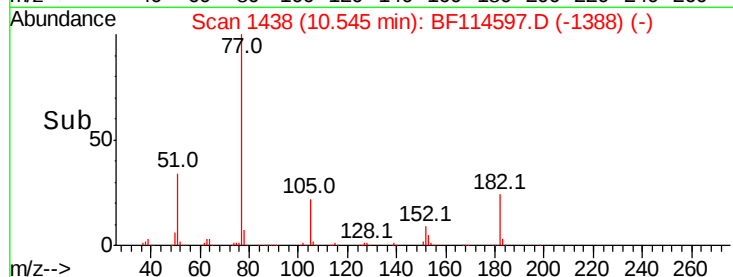
#63
Azobenzene
Concen: 39.334 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	77	Resp:	632881
Ion	Ratio	Lower	Upper
77	100		
182	24.3	4.7	44.7
105	22.8	2.9	42.9
51	34.1	14.6	54.6

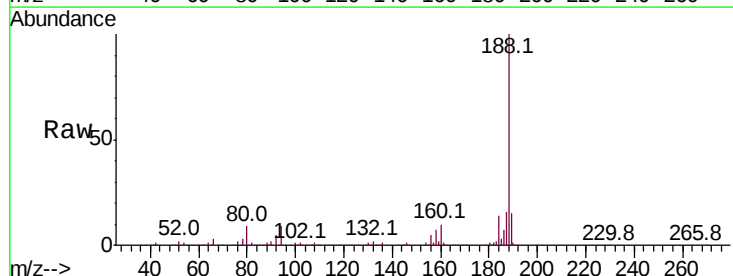


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

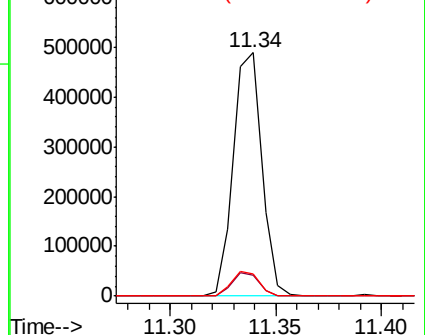
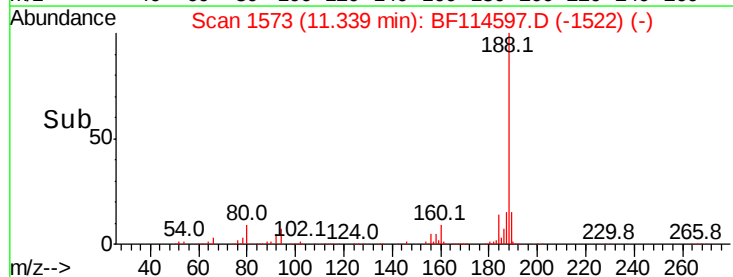


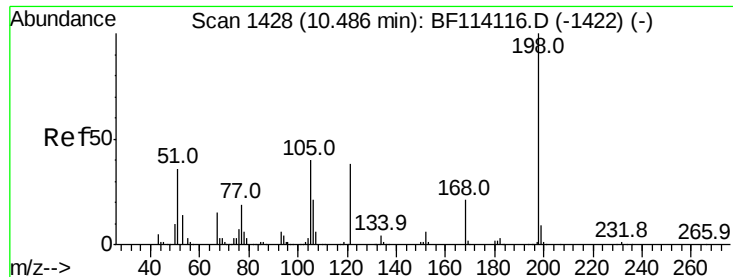
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion:	188	Resp:	456472
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.4	12.6
80	8.9	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

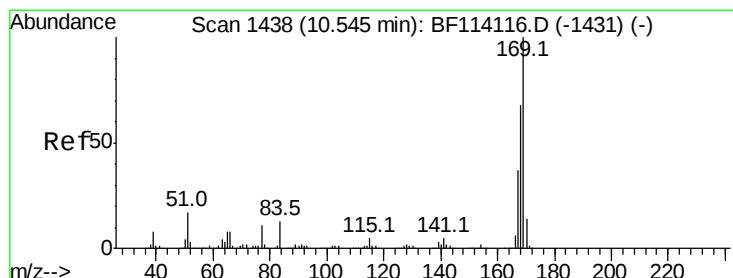
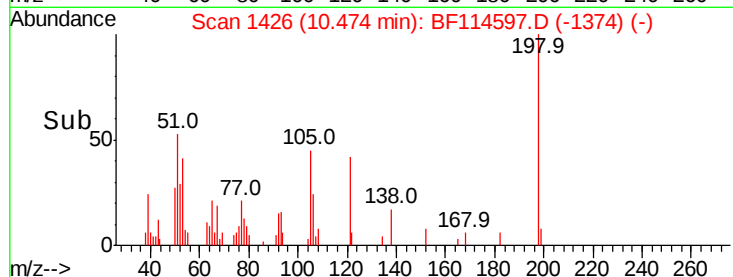
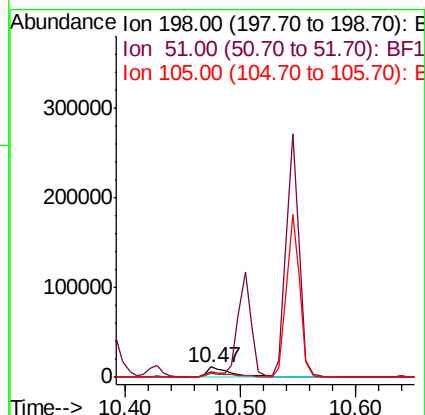
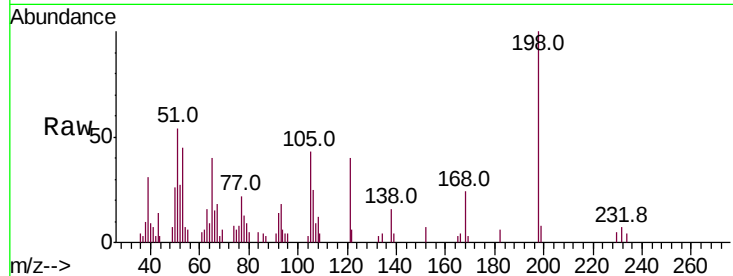




#65
4,6-Dinitro-2-methylphenol
Concen: 8.256 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

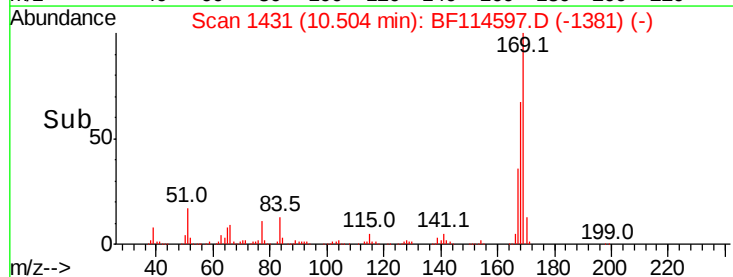
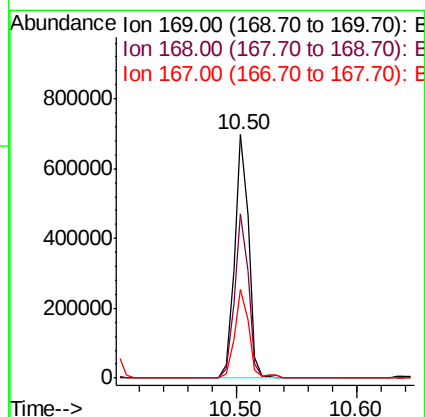
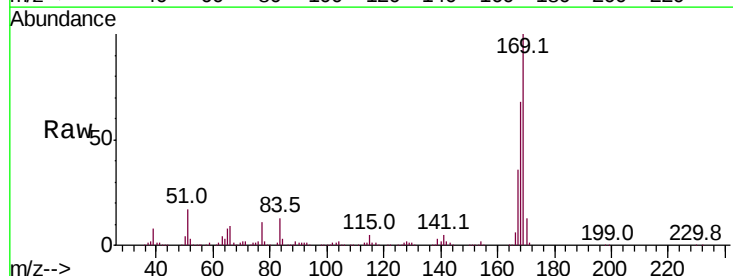
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

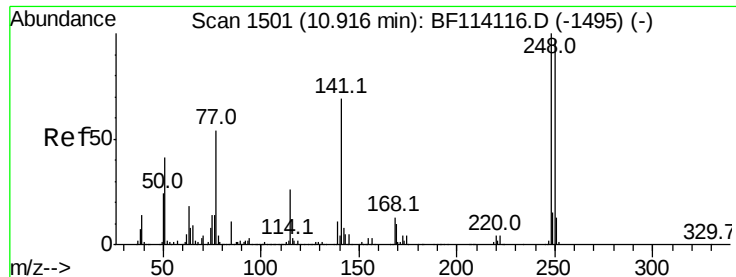
Tot Ion	Ratio	Lower	Upper
198	100		
51	54.3	28.0	68.0
105	43.1	21.1	61.1



#66
n-Nitrosodiphenylamine
Concen: 40.527 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.2	81.2
167	36.5	29.8	44.8

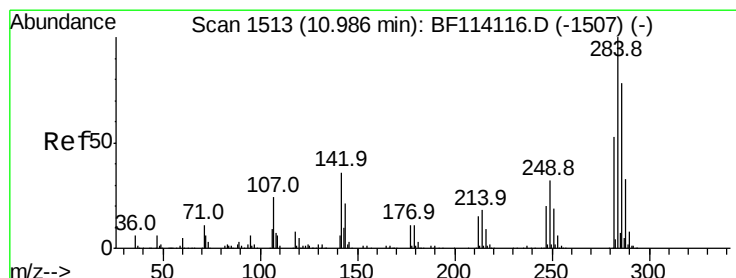
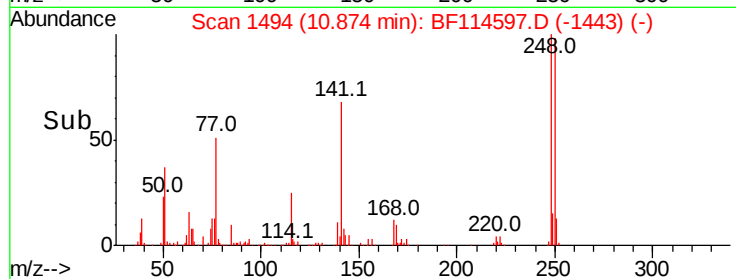
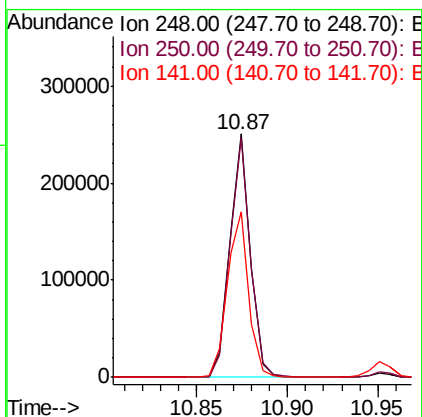
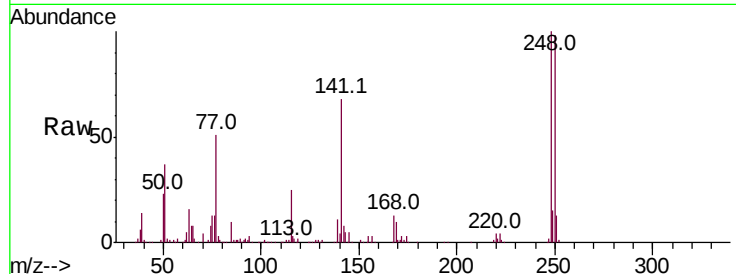




#67
4-Bromophenyl-phenylether
Concen: 39.288 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

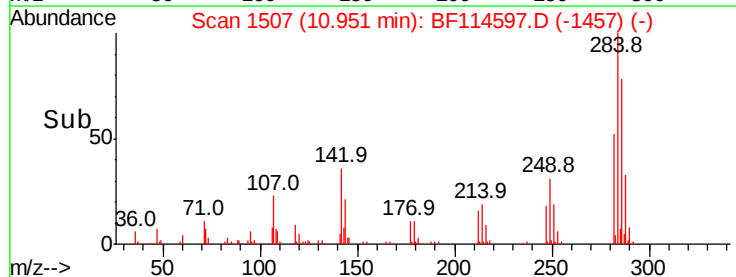
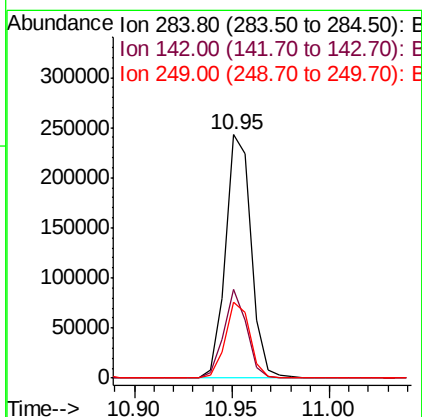
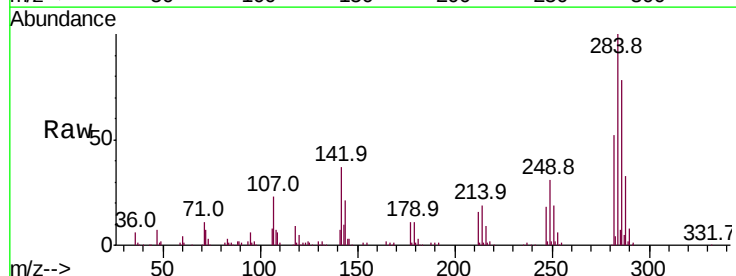
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

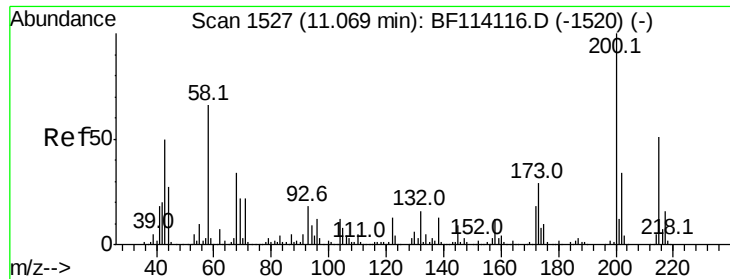
Tot Ion:248 Resp: 197462
Ion Ratio Lower Upper
248 100
250 98.4 77.4 116.2
141 68.1 55.6 83.4



#68
Hexachlorobenzene
Concen: 39.681 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion:284 Resp: 220628
Ion Ratio Lower Upper
284 100
142 36.7 28.4 42.6
249 31.0 25.2 37.8

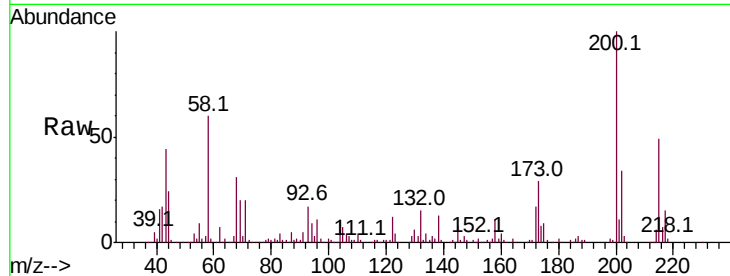




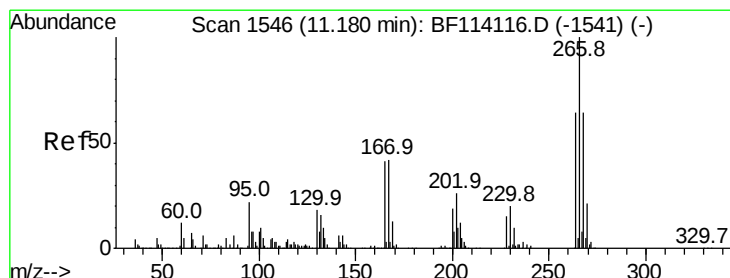
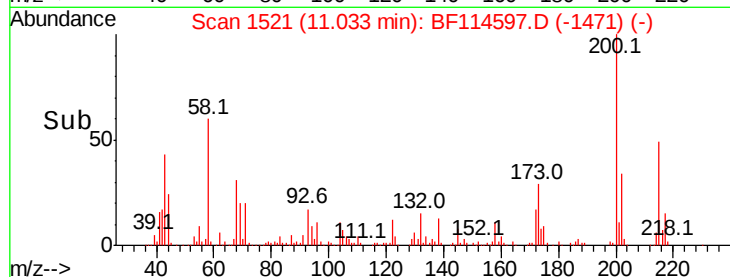
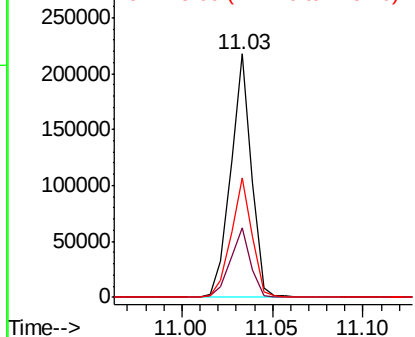
#69
Atrazine
Concen: 40.218 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:200 Resp: 173394
Ion Ratio Lower Upper
200 100
173 28.6 8.9 48.9
215 49.0 30.7 70.7

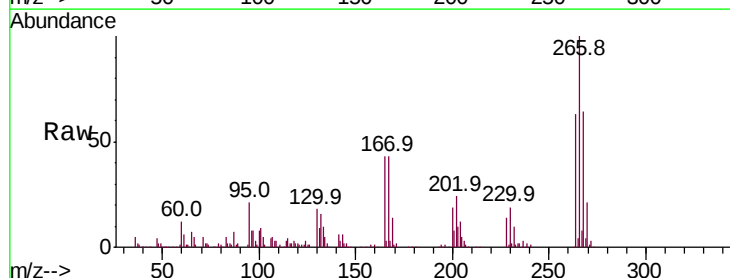


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

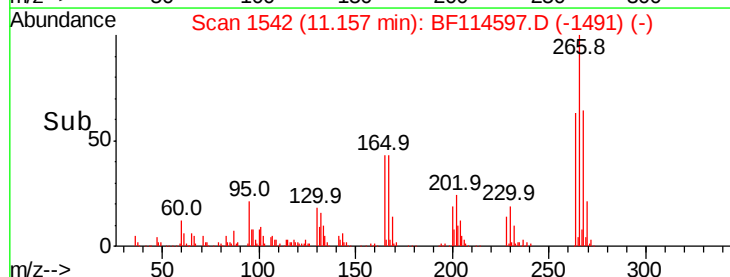
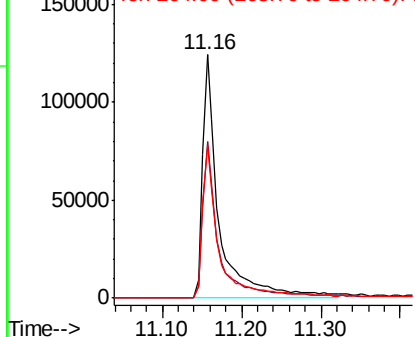


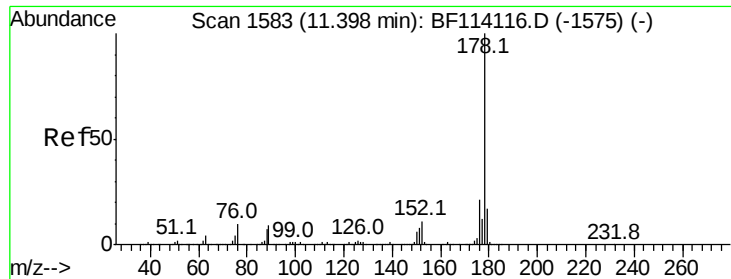
#70
Pentachlorophenol
Concen: 70.123 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion:266 Resp: 184824
Ion Ratio Lower Upper
266 100
268 64.1 51.1 76.7
264 62.7 51.1 76.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

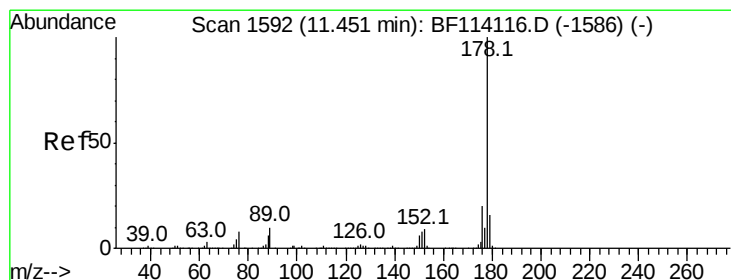
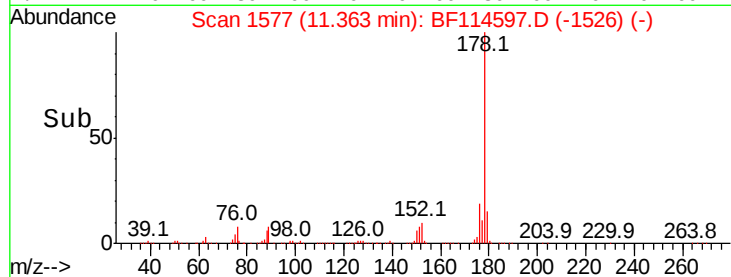
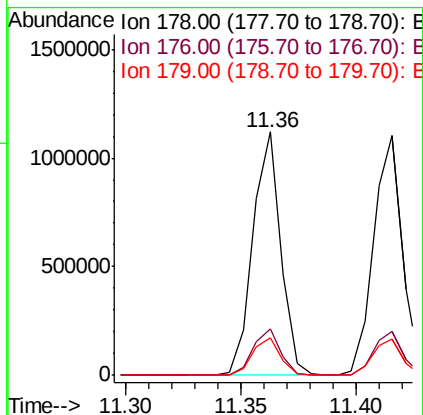
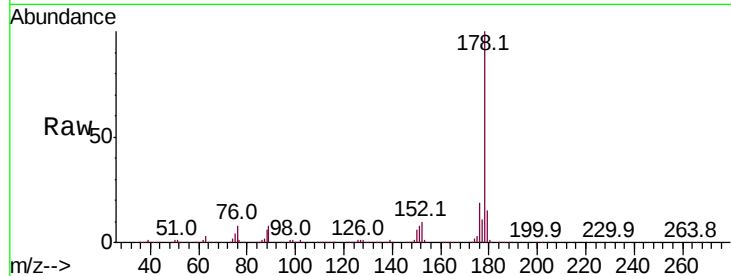




#71
Phenanthrene
Concen: 42.757 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

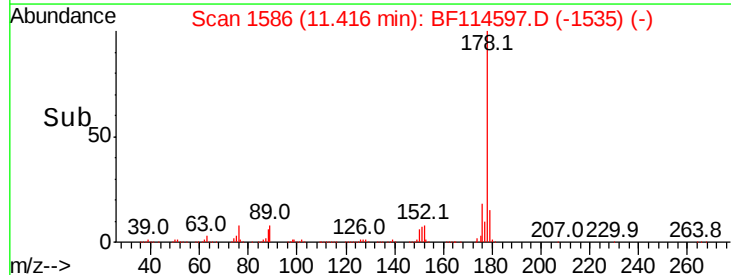
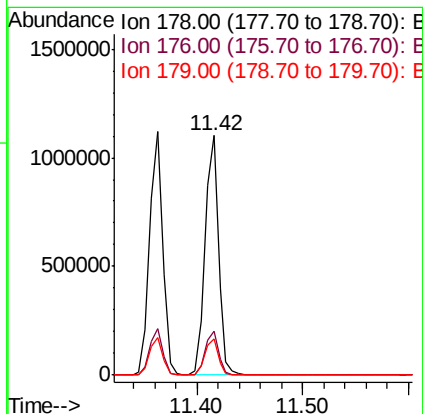
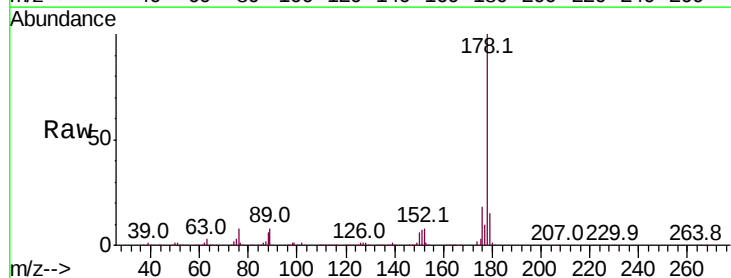
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

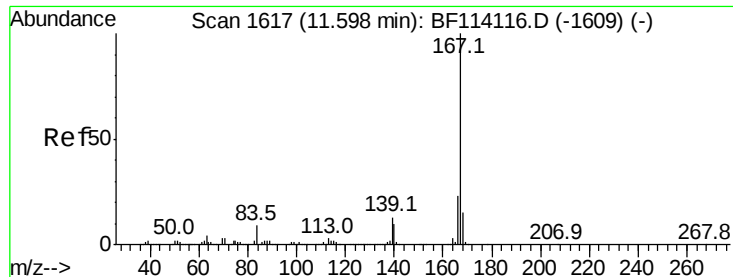
Tot Ion:178 Resp: 949549
Ion Ratio Lower Upper
178 100
176 19.2 16.4 24.6
179 15.2 13.2 19.8



#72
Anthracene
Concen: 43.561 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion:178 Resp: 971672
Ion Ratio Lower Upper
178 100
176 18.2 15.8 23.8
179 15.3 13.0 19.4





#73

Carbazole

Concen: 43.396 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

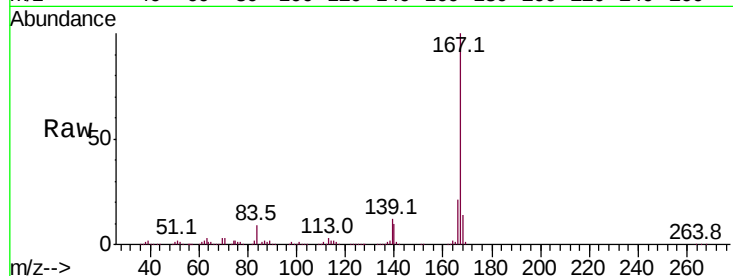
Tot Ion:167 Resp: 923066

Ion Ratio Lower Upper

167 100

166 21.4 18.2 27.2

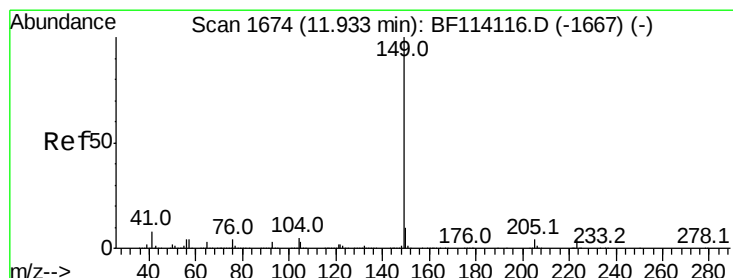
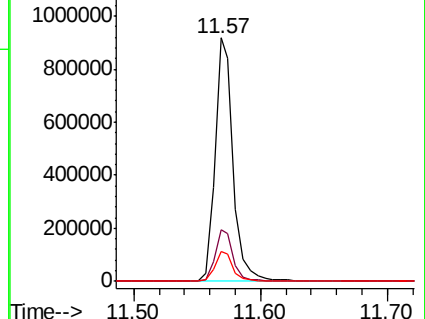
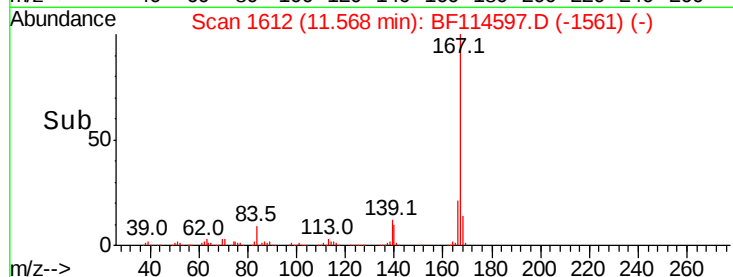
139 12.5 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.164 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

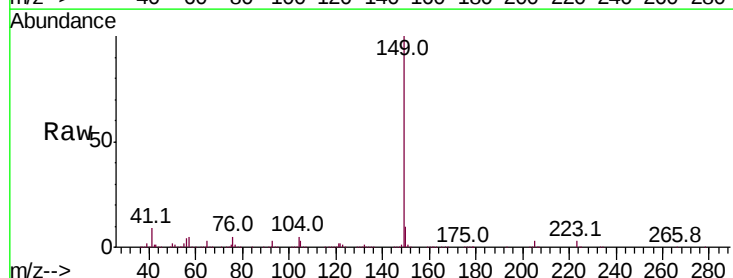
Tgt Ion:149 Resp: 1106770

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

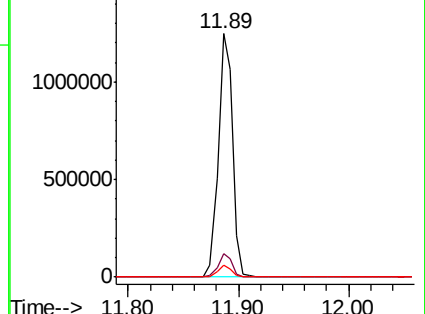
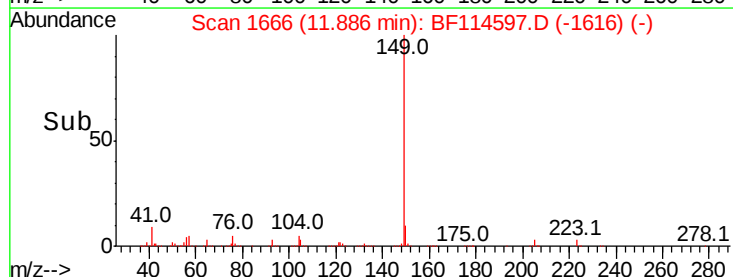
104 4.6 3.6 5.4

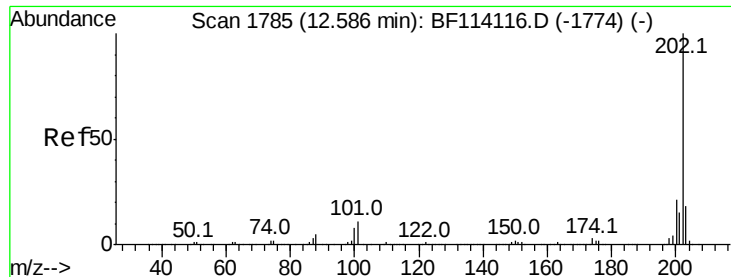


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

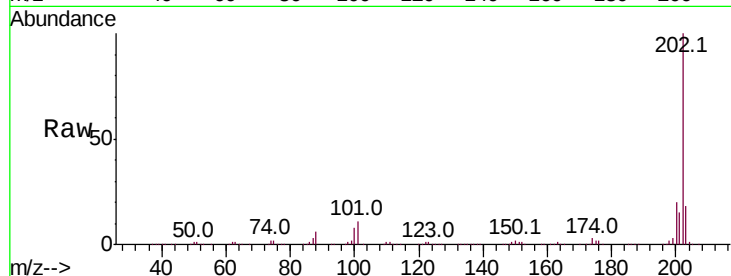




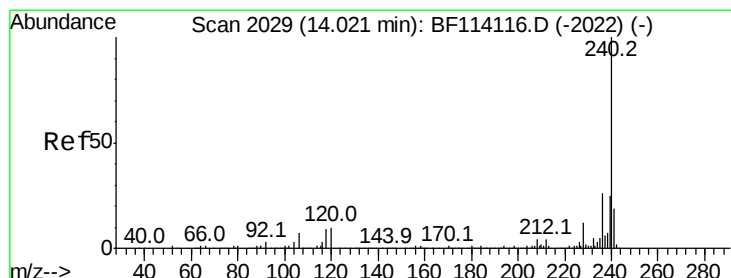
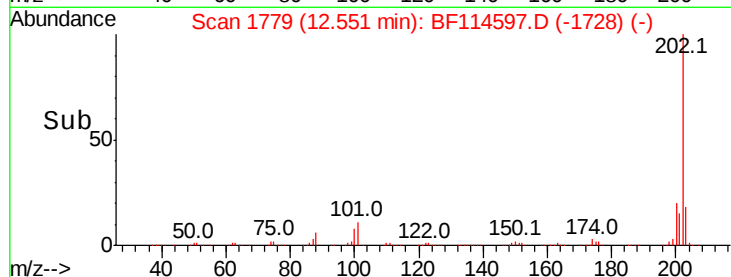
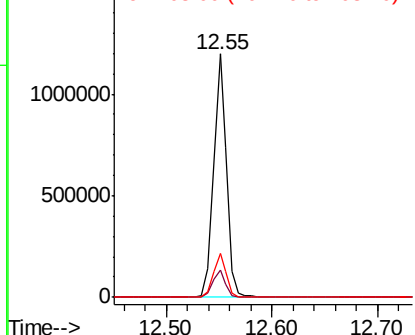
#75
 Fluoranthene
 Concen: 43.437 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1038804
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 31.0
 203 18.2 0.0 38.4

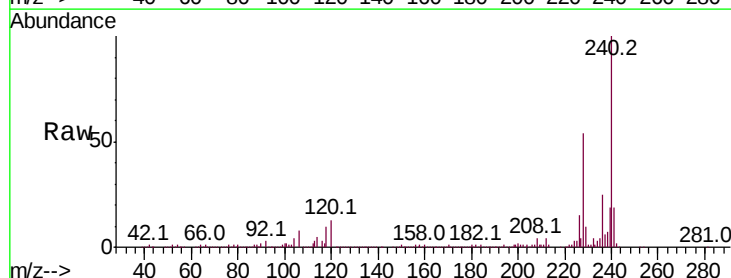


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

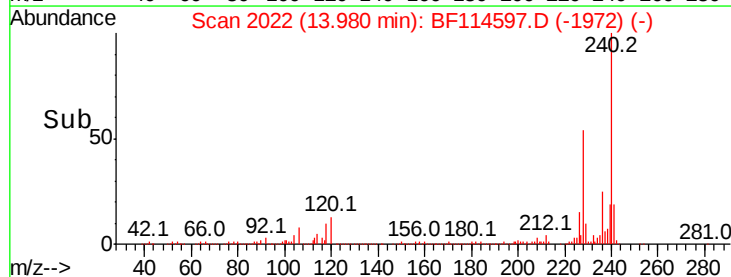
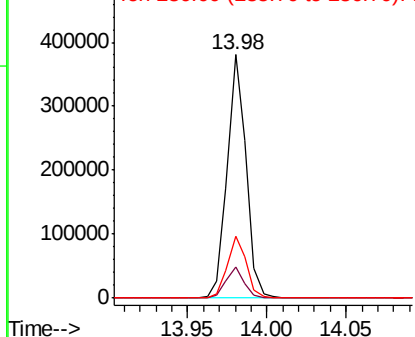


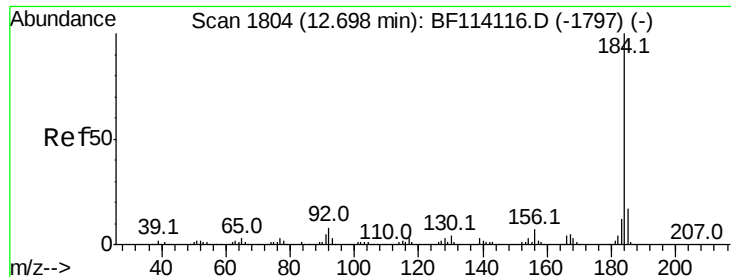
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114597.D
 Acq: 25 May 2019 4:26

Tgt Ion:240 Resp: 311863
 Ion Ratio Lower Upper
 240 100
 120 12.6 8.3 12.5#
 236 25.4 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: 33.031 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

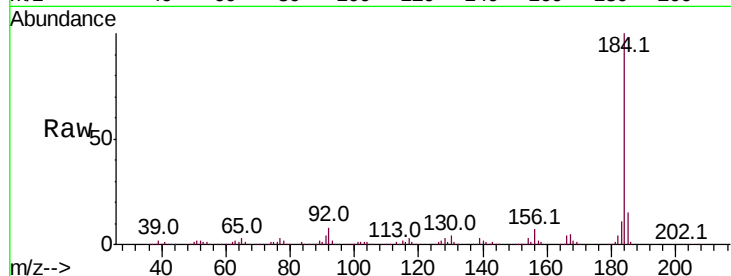
Tot Ion:184 Resp: 462400

Ion Ratio Lower Upper

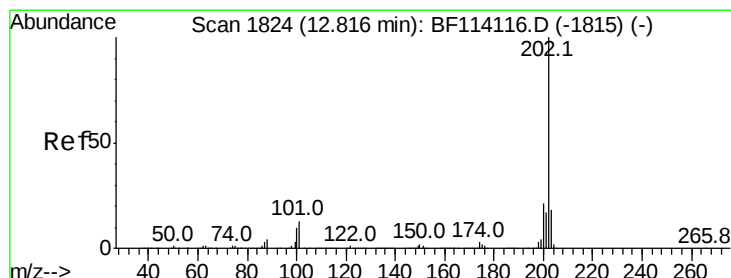
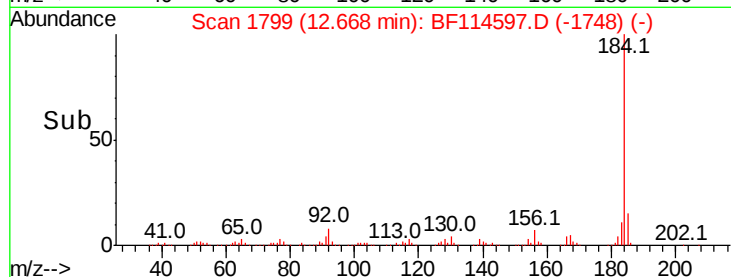
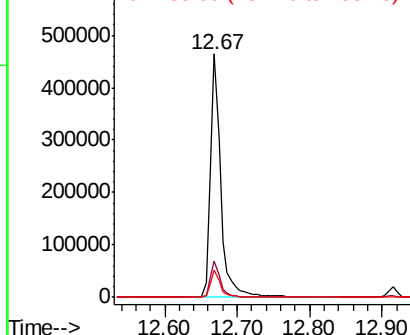
184 100

185 15.0 13.6 20.4

183 11.2 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: 42.128 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

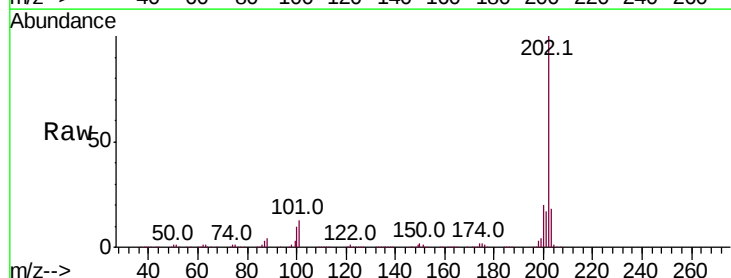
Tgt Ion:202 Resp: 1056896

Ion Ratio Lower Upper

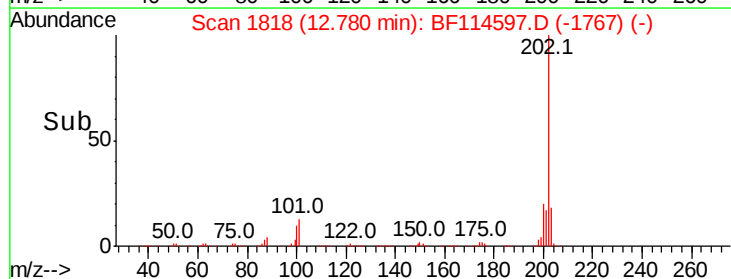
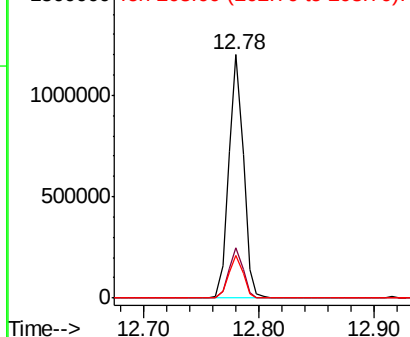
202 100

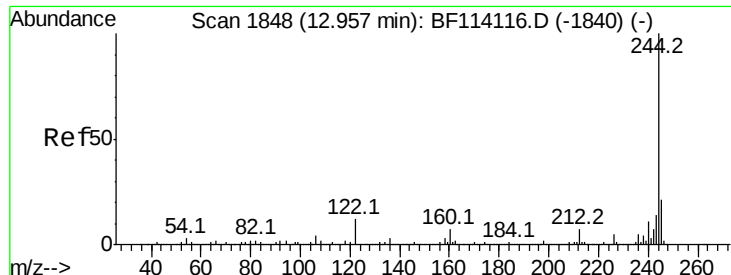
200 20.4 16.9 25.3

203 17.6 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.045 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

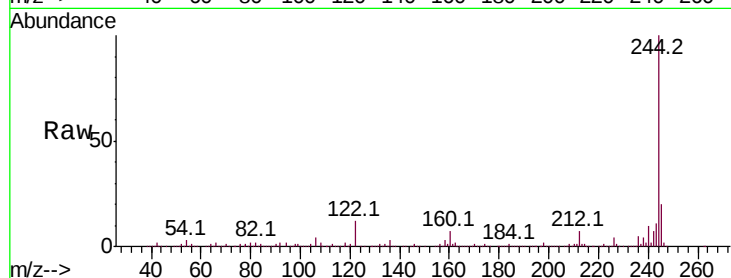
Tot Ion:244 Resp: 1347108

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

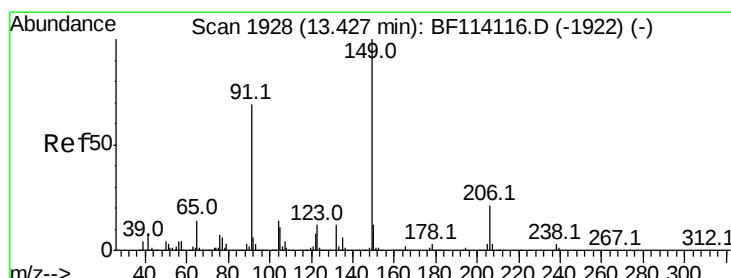
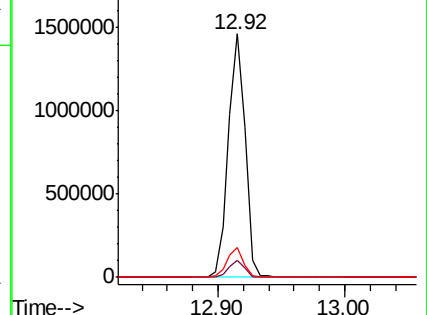
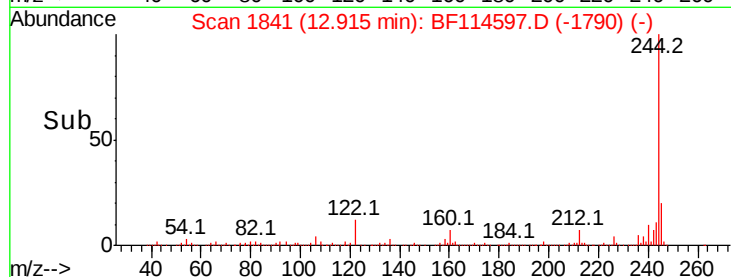
122 12.3 9.4 14.2



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: 44.766 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

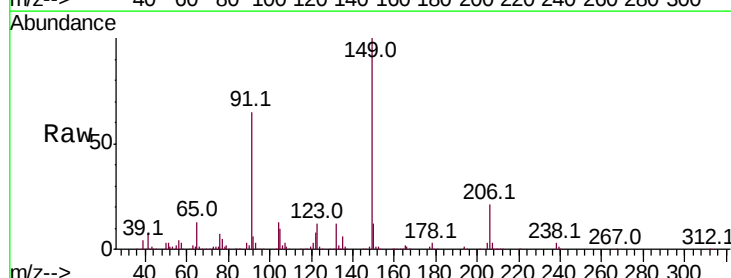
Tgt Ion:149 Resp: 472721

Ion Ratio Lower Upper

149 100

91 65.2 55.0 82.4

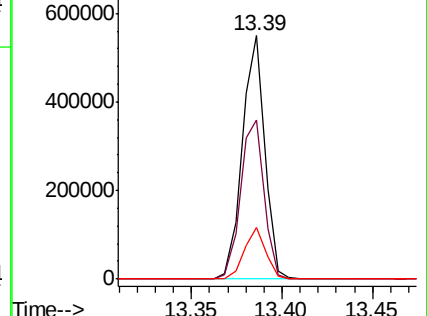
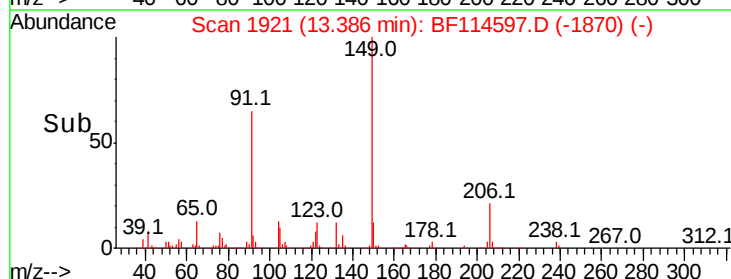
206 21.5 16.9 25.3

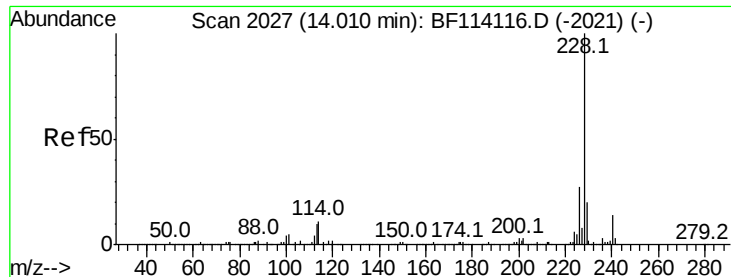


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.217 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

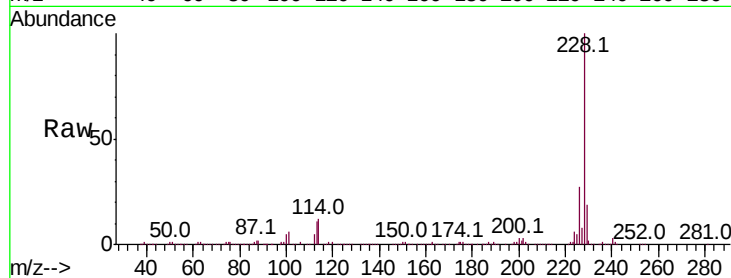
Tot Ion:228 Resp: 851560

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.2
229	19.2	16.4	24.6

228 100

226 27.1 22.2 33.2

229 19.2 16.4 24.6

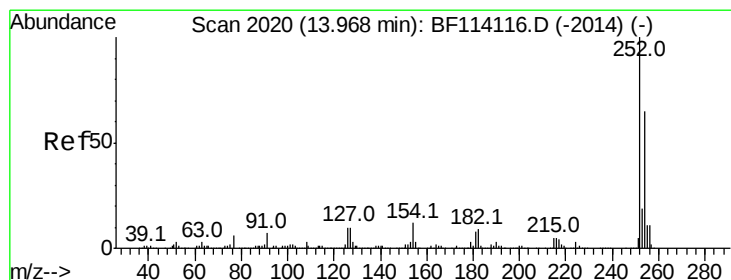
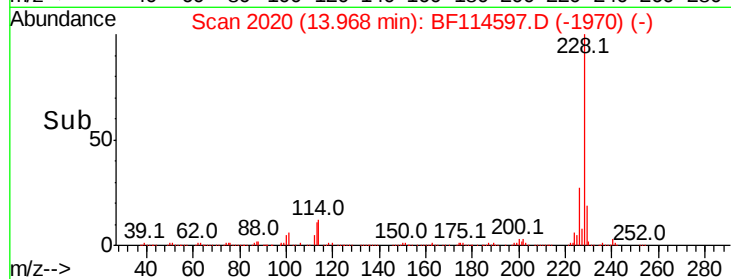
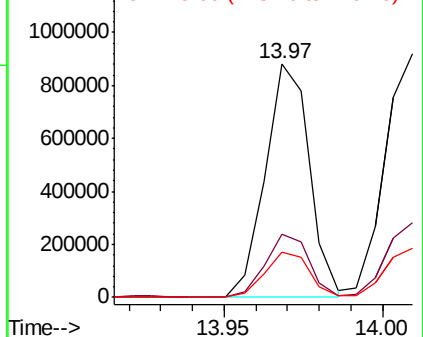


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.518 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

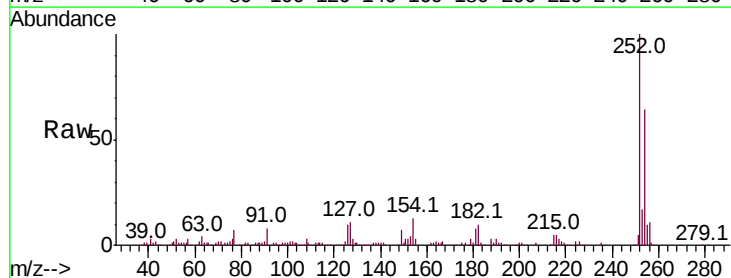
Tgt Ion:252 Resp: 324878

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.9	77.9
126	10.3	7.9	11.9

252 100

254 63.6 51.9 77.9

126 10.3 7.9 11.9

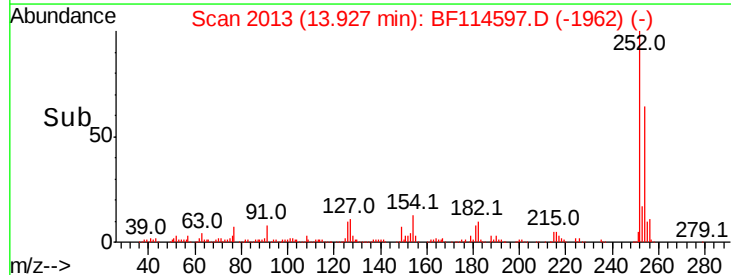
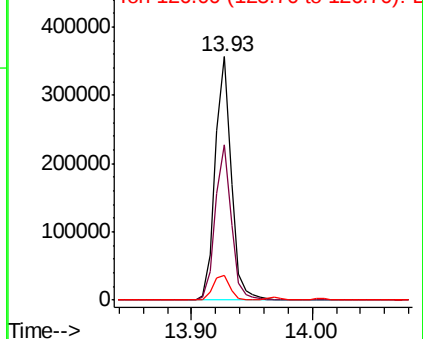


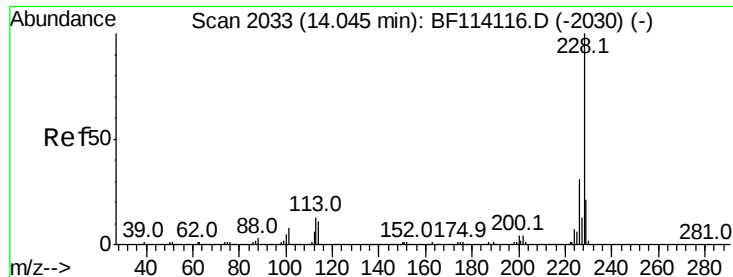
Abundance

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: 42.265 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

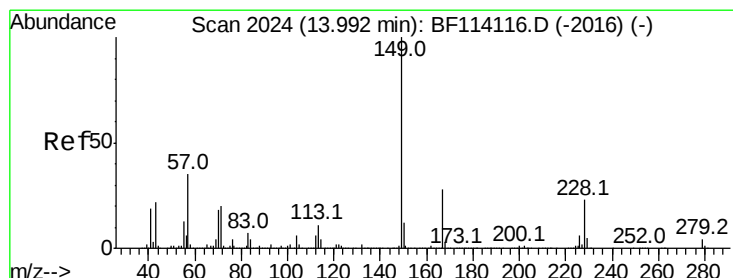
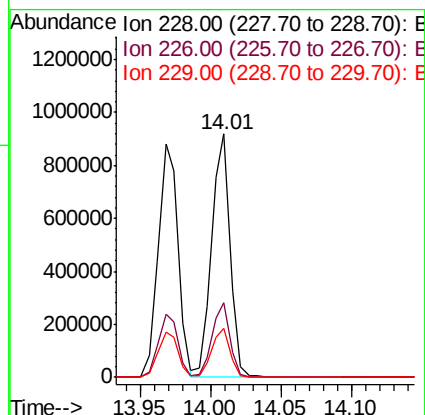
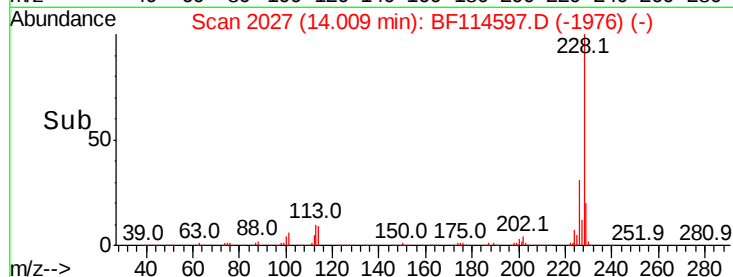
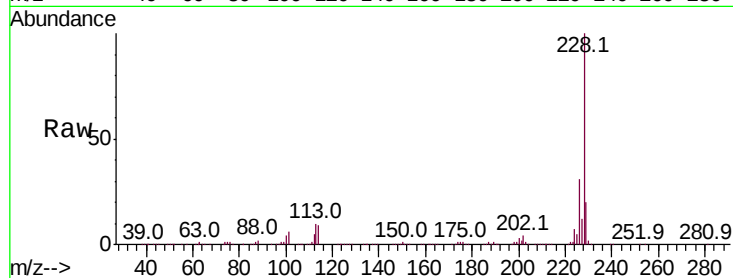
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 835718

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.2	17.0	25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.357 ng

RT: 13.94 min Scan# 2016

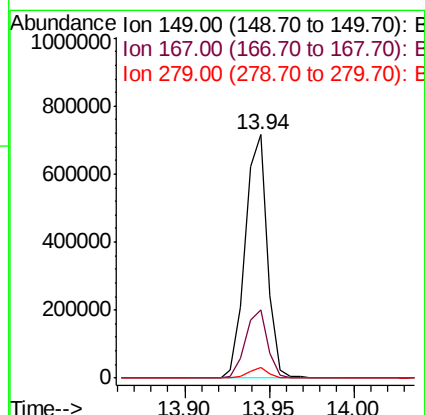
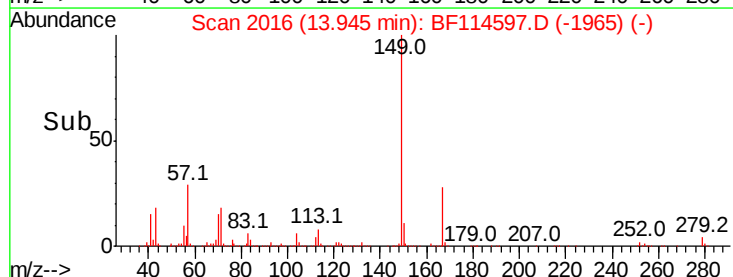
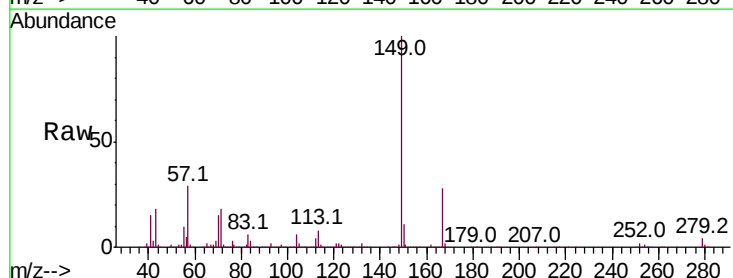
Delta R.T. -0.00 min

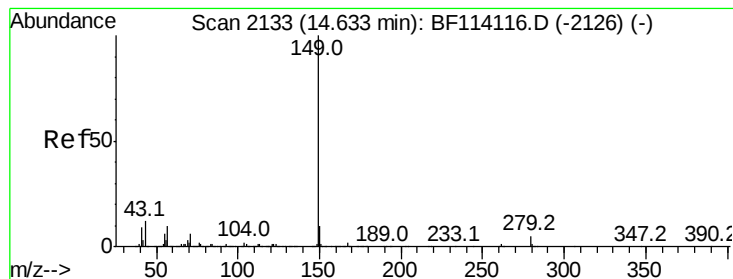
Lab File: BF114597.D

Acq: 25 May 2019 4:26

Tgt Ion:149 Resp: 654028

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	33.8
279	4.3	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 46.912 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

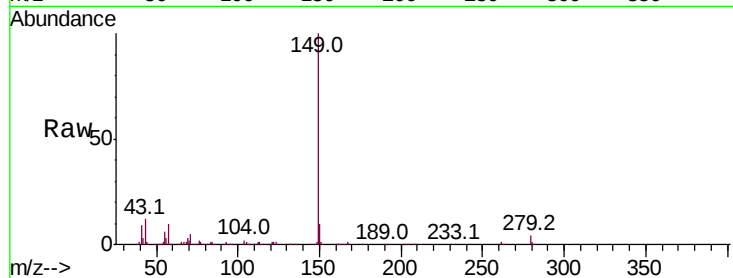
Tot Ion:149 Resp: 1050258

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

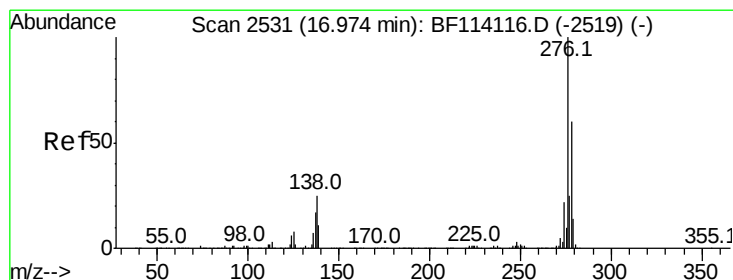
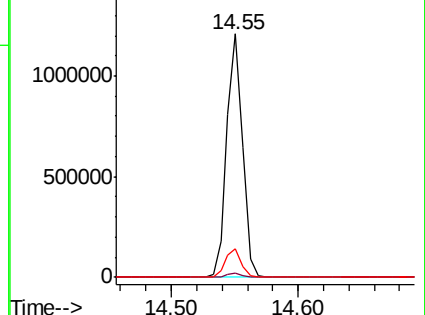
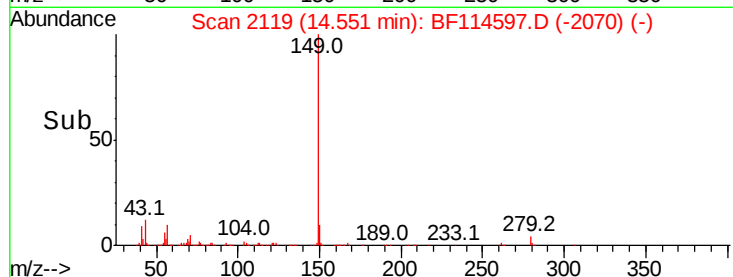
43 11.7 10.1 15.1



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: 51.480 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

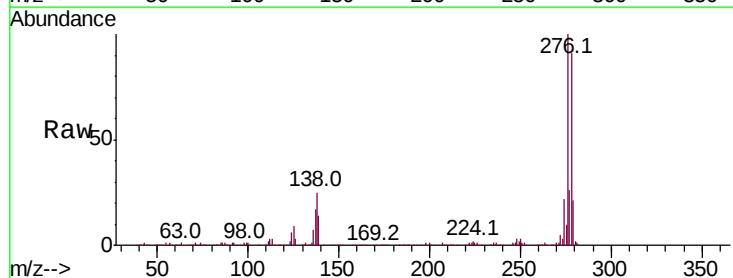
Tgt Ion:276 Resp: 899636

Ion Ratio Lower Upper

276 100

138 24.4 20.2 30.2

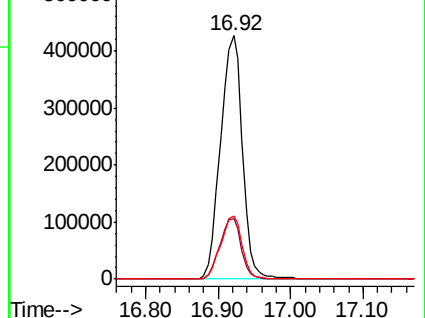
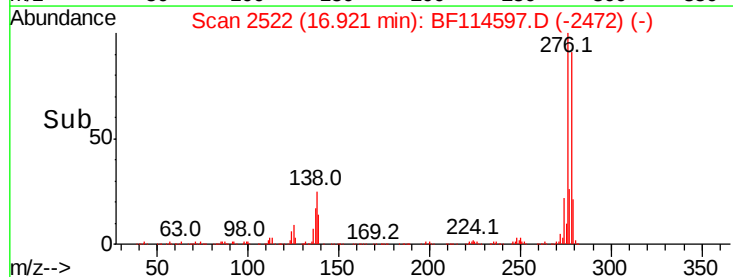
277 25.3 20.0 30.0

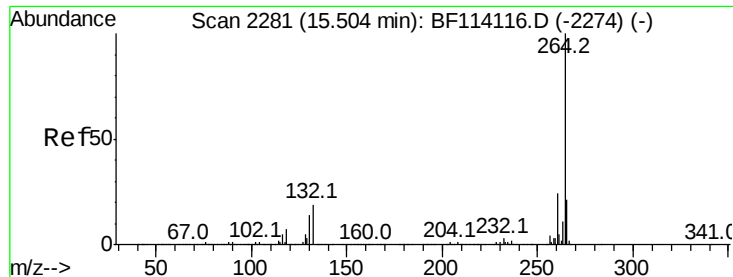


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

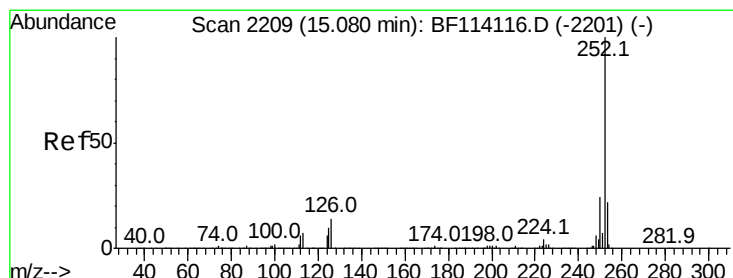
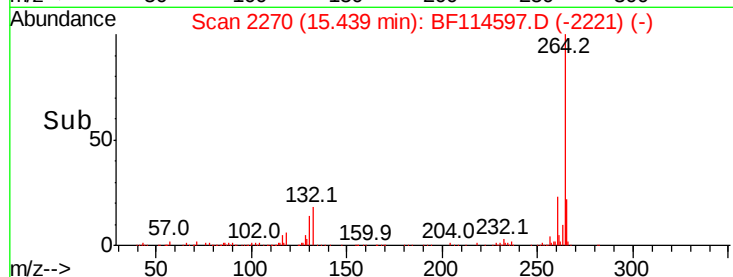
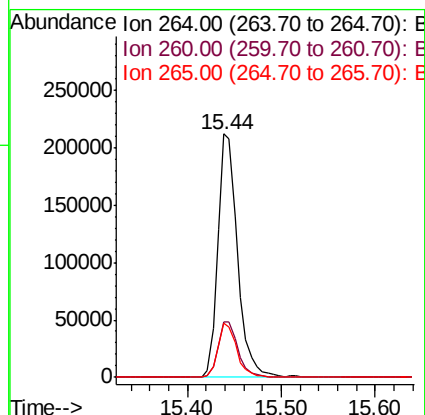
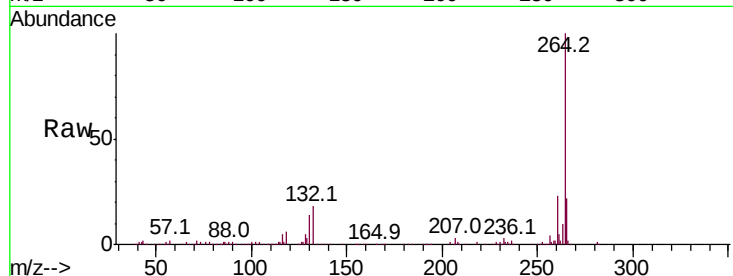




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

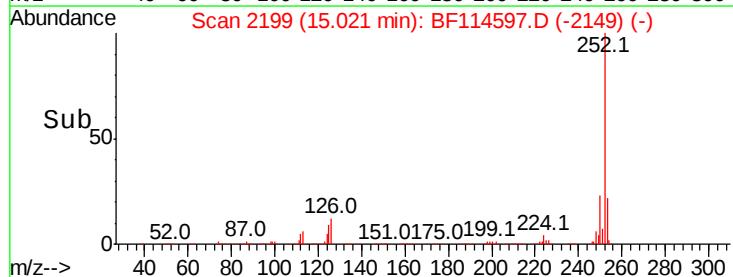
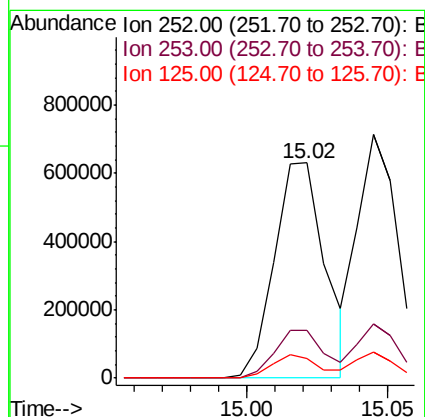
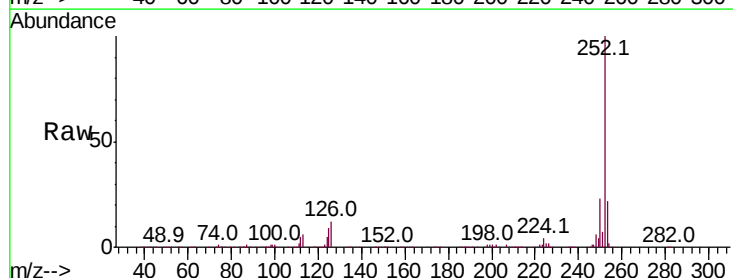
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

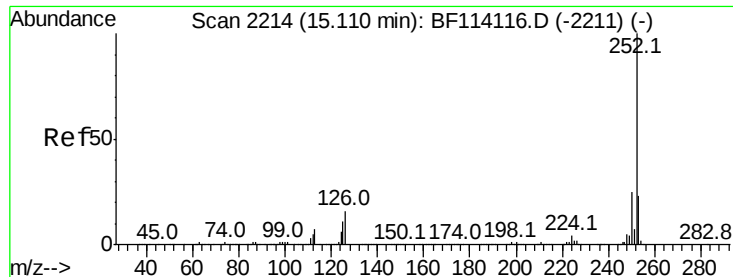
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	22.1	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 39.289 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF114597.D
Acq: 25 May 2019 4:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.3	8.3	12.5





#89

Benzo(k)fluoranthene

Concen: 39.184 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

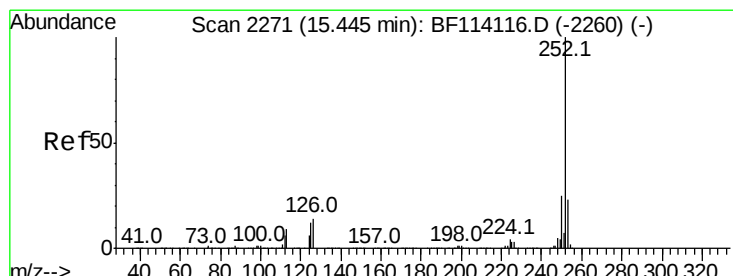
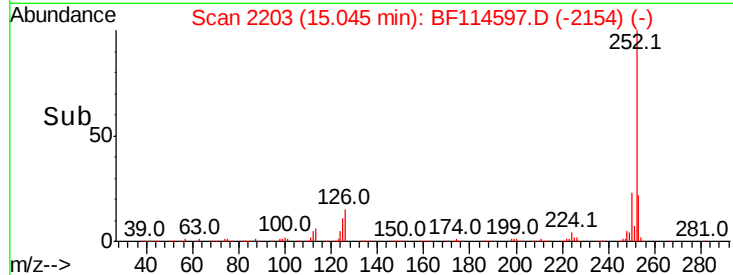
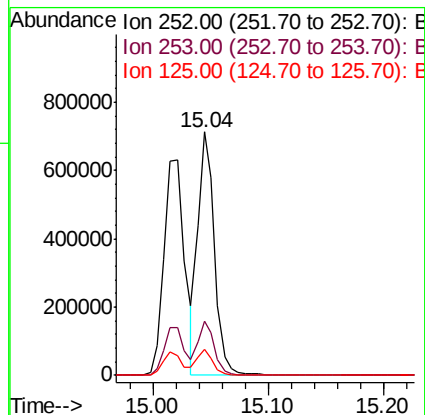
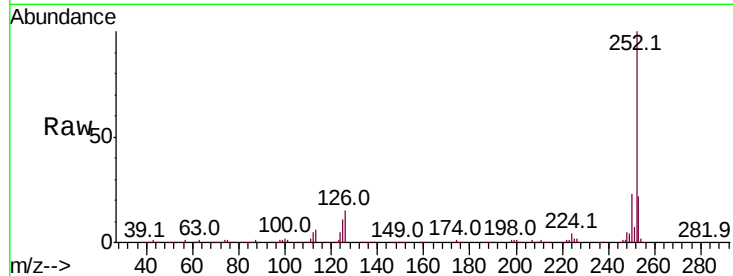
Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 720118

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.7	8.6	13.0



#90

Benzo(a)pyrene

Concen: 40.855 ng

RT: 15.39 min Scan# 2261

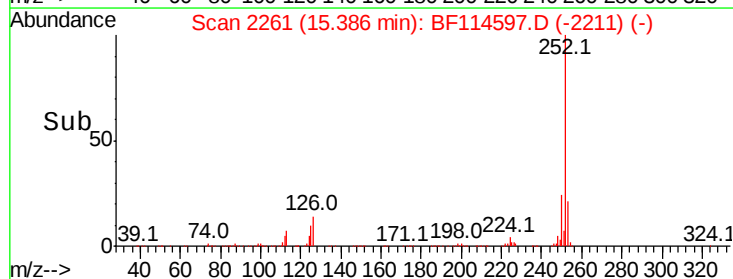
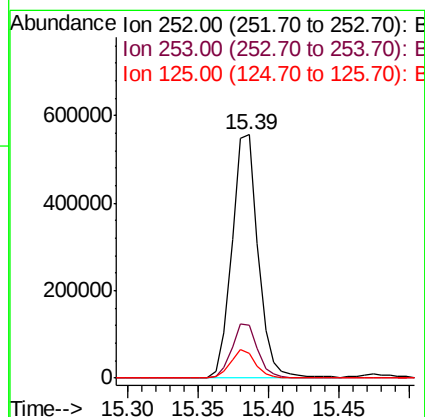
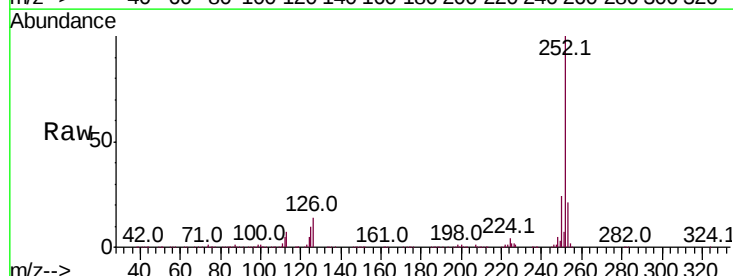
Delta R.T. -0.01 min

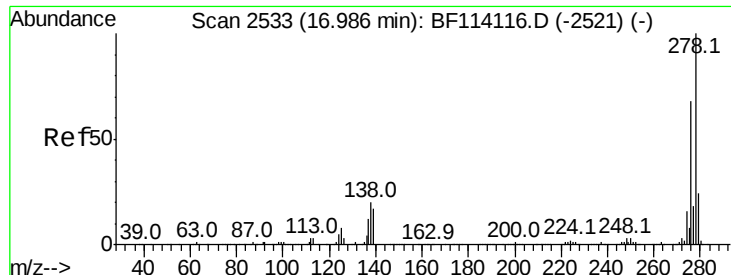
Lab File: BF114597.D

Acq: 25 May 2019 4:26

Tgt Ion:252 Resp: 719331

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	10.1	9.5	14.3





#91

Dibenzo(a,h)anthracene

Concen: 50.378 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.01 min

Lab File: BF114597.D

Acq: 25 May 2019 4:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

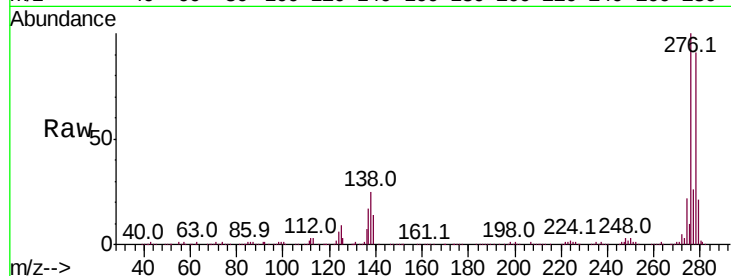
Tot Ion:278 Resp: 737064

Ion Ratio Lower Upper

278 100

139 15.9 13.5 20.3

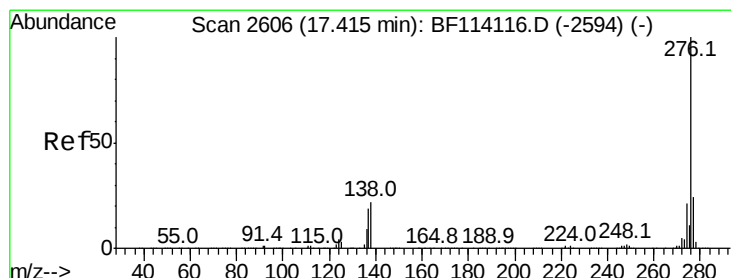
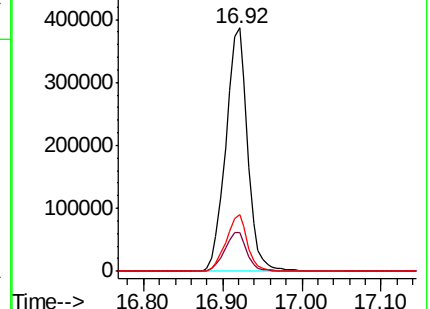
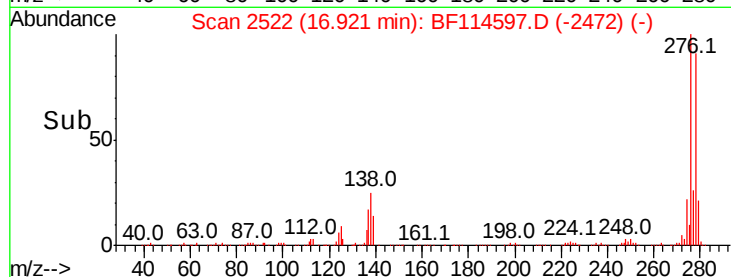
279 23.2 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.270 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BF114597.D

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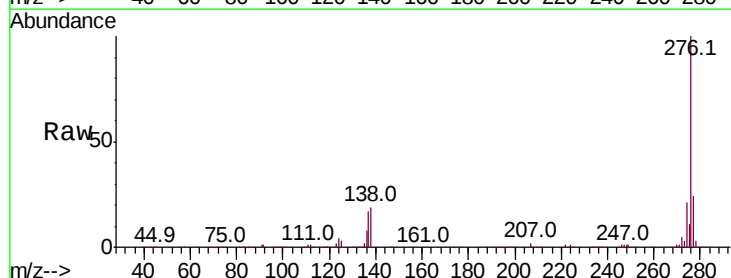
Tgt Ion:276 Resp: 766388

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 18.9 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

