

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115933.D
 Acq On : 2 Aug 2019 9:03
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 02 16:40:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	156189	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	675802	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	350010	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	678689	20.00	ng	0.00
76) Chrysene-d12	14.03	240	457206	20.00	ng	0.00
87) Perylene-d12	15.50	264	426672	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	776501	83.23	ng	0.00
7) Phenol-d6	6.49	99	992819	84.34	ng	0.00
23) Nitrobenzene-d5	7.42	82	915555	78.20	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	290239	85.53	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1526315	81.68	ng	0.00
79) Terphenyl-d14	12.97	244	1741332	80.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	190298	40.374	ng	100
3) Pyridine	3.37	79	518929	39.413	ng	98
4) n-Nitrosodimethylamine	3.33	42	214367	41.256	ng	100
6) Aniline	6.52	93	689076	40.875	ng	100
8) 2-Chlorophenol	6.65	128	441489	42.792	ng	98
9) Benzaldehyde	6.40	77	303544	37.373	ng	98
10) Phenol	6.50	94	578920	41.763	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	433333	42.519	ng	97
12) 1,3-Dichlorobenzene	6.80	146	482793	40.491	ng	99
13) 1,4-Dichlorobenzene	6.87	146	487991	40.876	ng	98
14) 1,2-Dichlorobenzene	7.03	146	451613	41.083	ng	98
15) Benzyl Alcohol	7.00	79	391297	43.802	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	581500	41.831	ng	97
17) 2-Methylphenol	7.11	107	376898	43.143	ng	99
18) Hexachloroethane	7.37	117	177902	40.474	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	310754	42.602	ng	99
20) 3+4-Methylphenols	7.26	107	432810	41.866	ng	# 87
22) Acetophenone	7.27	105	578145	39.008	ng	# 98
24) Nitrobenzene	7.44	77	504246	39.888	ng	98
25) Isophorone	7.68	82	898758	40.147	ng	99
26) 2-Nitrophenol	7.76	139	252817	42.426	ng	93
27) 2,4-Dimethylphenol	7.79	122	353039	39.379	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	552319	39.805	ng	99
29) 2,4-Dichlorophenol	8.00	162	384487	40.618	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	424239	39.316	ng	99
31) Naphthalene	8.16	128	1265564	39.795	ng	99
32) Benzoic acid	7.94	122	215023	34.019	ng	99
33) 4-Chloroaniline	8.20	127	575202	40.481	ng	98
34) Hexachlorobutadiene	8.27	225	239872	38.594	ng	99
35) Caprolactam	8.60	113	129533	42.309	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	413024	41.941	ng	100
37) 2-Methylnaphthalene	8.85	142	841683	40.187	ng	99
38) 1-Methylnaphthalene	8.95	142	800153	40.383	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	387538	41.416	ng	100

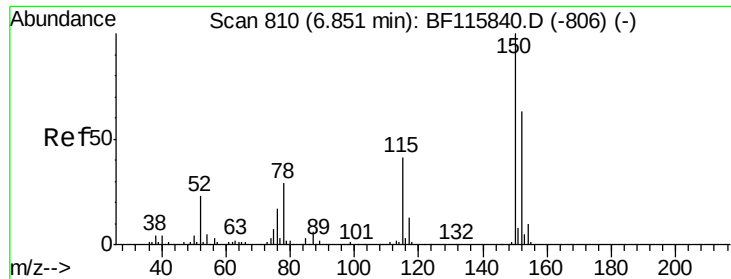
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115933.D
 Acq On : 2 Aug 2019 9:03
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Quant Time: Aug 02 16:40:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	124183	33.296	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	263070	40.845	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	279307	41.952	ng	99
46) 1,1'-Biphenyl	9.32	154	1011611	40.938	ng	99
47) 2-Chloronaphthalene	9.35	162	841829	40.932	ng	99
48) 2-Nitroaniline	9.44	65	288679	42.465	ng	90
49) Acenaphthylene	9.76	152	1267840	42.255	ng	99
50) Dimethylphthalate	9.62	163	1013624	42.533	ng	100
51) 2,6-Dinitrotoluene	9.69	165	225433	43.528	ng	99
52) Acenaphthene	9.93	154	760625	41.322	ng	99
53) 3-Nitroaniline	9.86	138	266741	41.682	ng	93
54) 2,4-Dinitrophenol	9.97	184	91008	38.988	ng	93
55) Dibenzofuran	10.10	168	1125312	42.038	ng	97
56) 4-Nitrophenol	10.02	139	169914	41.448	ng	99
57) 2,4-Dinitrotoluene	10.09	165	292584	42.431	ng	94
58) Fluorene	10.45	166	878649	42.662	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	227988	40.703	ng	99
60) Diethylphthalate	10.32	149	951849	42.780	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	437459	41.940	ng	98
62) 4-Nitroaniline	10.47	138	277595	41.975	ng	97
63) Azobenzene	10.60	77	977511	42.713	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	141419	39.320	ng	93
66) n-Nitrosodiphenylamine	10.56	169	787879	38.569	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	277140	38.145	ng	95
68) Hexachlorobenzene	11.00	284	314598	37.447	ng	96
69) Atrazine	11.08	200	216720	32.248	ng	98
70) Pentachlorophenol	11.20	266	144839	35.510	ng	98
71) Phenanthrene	11.41	178	1312388	37.825	ng	100
72) Anthracene	11.46	178	1351153	38.479	ng	99
73) Carbazole	11.62	167	1235983	38.798	ng	100
74) Di-n-butylphthalate	11.94	149	1474132	39.667	ng	100
75) Fluoranthene	12.60	202	1390126	38.271	ng	97
77) Benzidine	12.72	184	622975	40.332	ng	98
78) Pyrene	12.83	202	1409569	40.899	ng	99
80) Butylbenzylphthalate	13.44	149	629857	43.204	ng	100
81) Benzo(a)anthracene	14.02	228	1190198	40.728	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	401894	39.585	ng	# 98
83) Chrysene	14.06	228	1115748	39.327	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	832796	43.959	ng	100
85) Di-n-octyl phthalate	14.61	149	1286943	42.768	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	990194	41.555	ng	99
88) Benzo(b)fluoranthene	15.07	252	1023460	41.485	ng	99
89) Benzo(k)fluoranthene	15.10	252	914403	38.053	ng	98
90) Benzo(a)pyrene	15.44	252	885557	40.155	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	803958	42.114	ng	99
92) Benzo(g,h,i)perylene	17.43	276	802604	42.810	ng	99

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

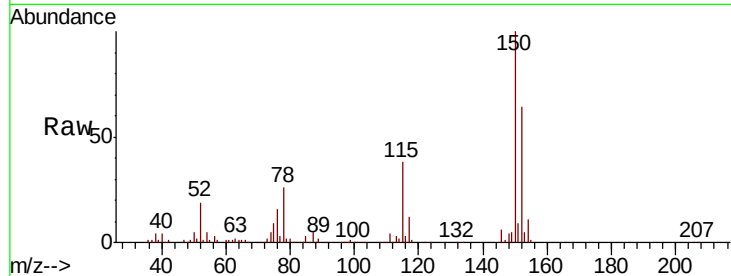


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.4	191.0
115	59.2	51.8	77.8

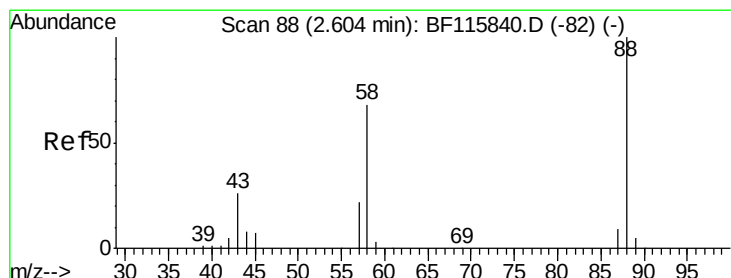
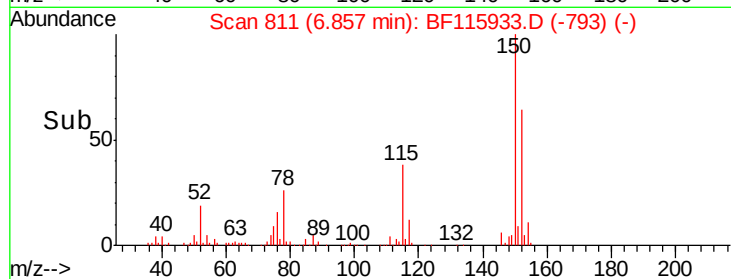
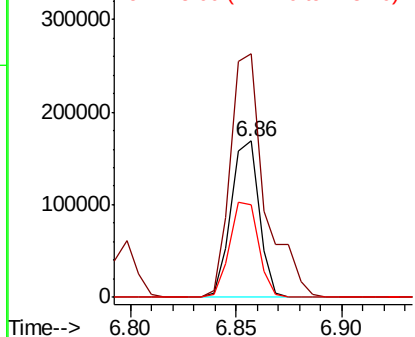


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

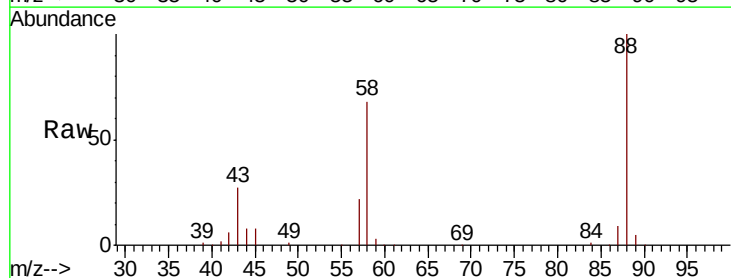
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.374 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.01 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.4	54.1	81.1
43	26.4	20.7	31.1

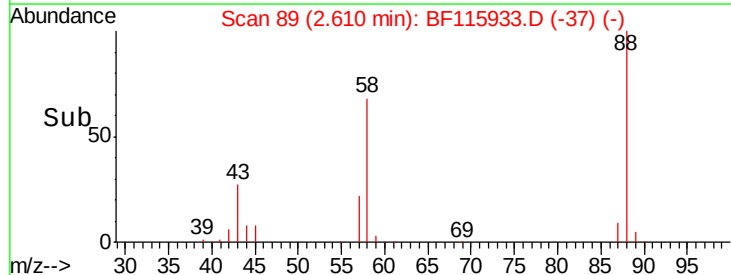
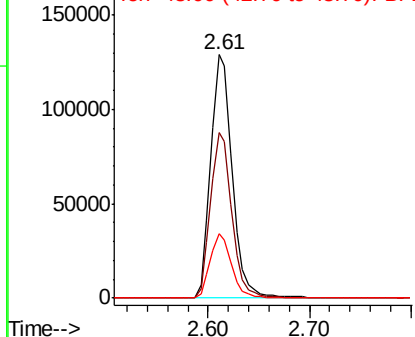


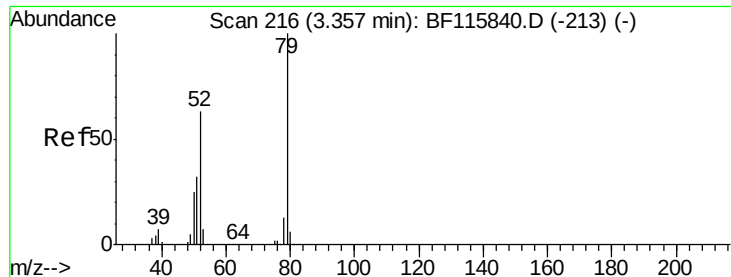
Abundance

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: 39.413 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

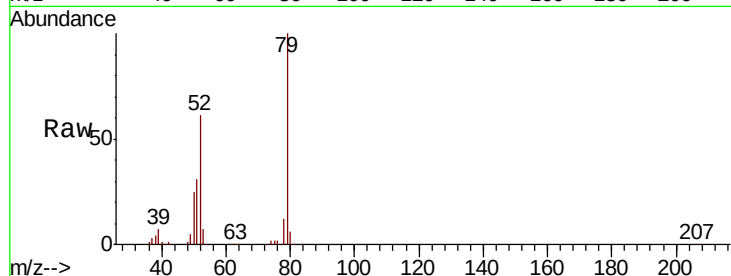
Tot Ion: 79 Resp: 518929

Ion Ratio Lower Upper

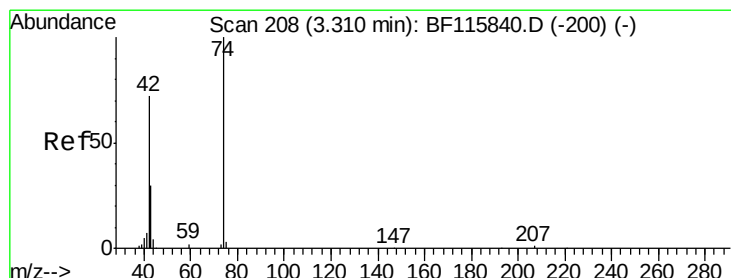
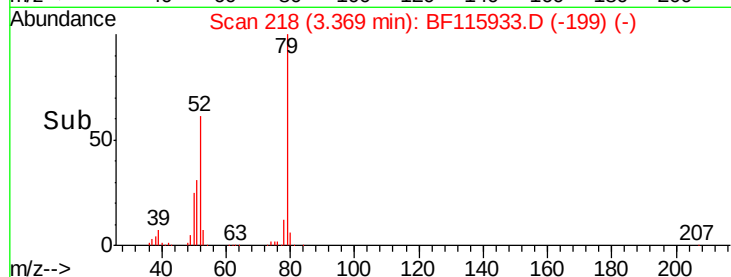
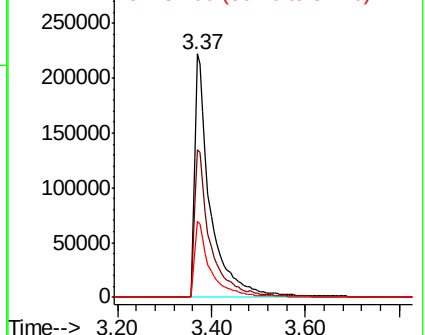
79 100

52 60.8 50.2 75.4

51 31.2 25.8 38.6



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: 41.256 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.02 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

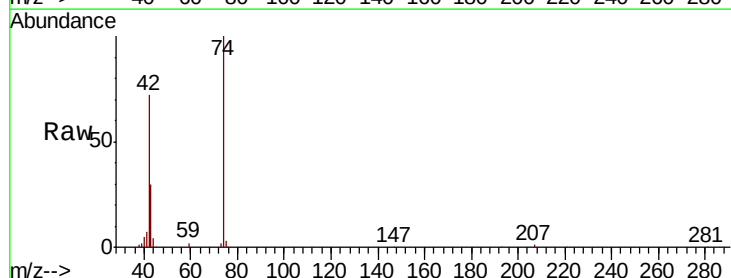
Tgt Ion: 42 Resp: 214367

Ion Ratio Lower Upper

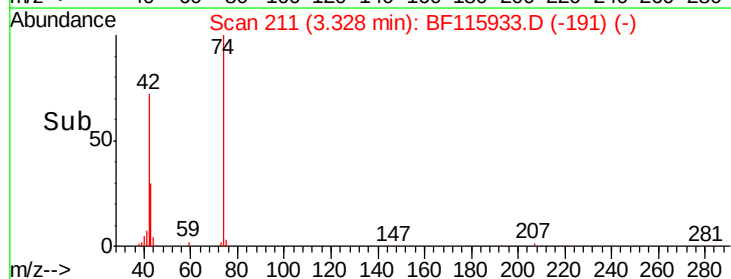
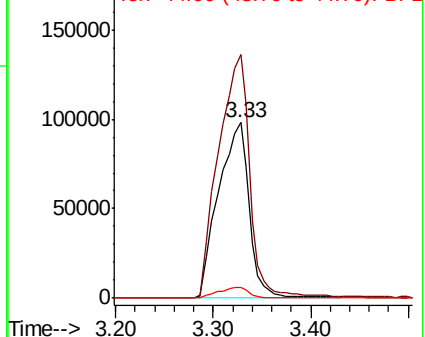
42 100

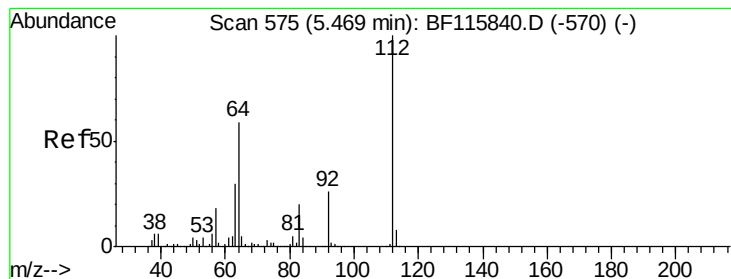
74 138.9 111.0 166.4

44 5.9 4.7 7.1



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: 83.227 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

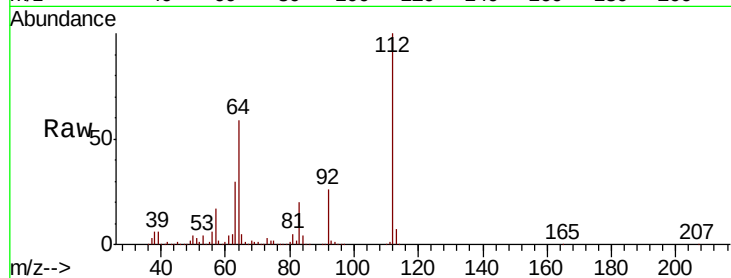
Tot Ion:112 Resp: 776501

Ion Ratio Lower Upper

112 100

64 58.6 46.8 70.2

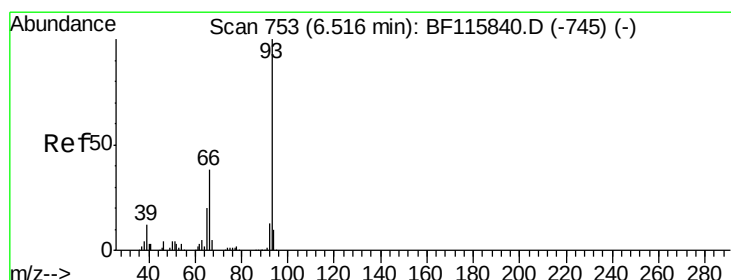
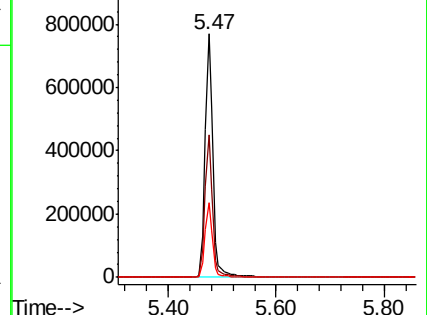
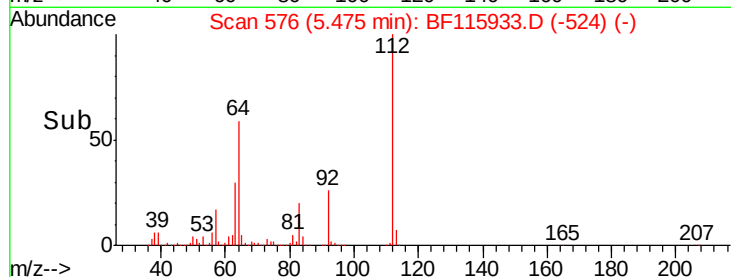
63 30.5 24.2 36.2



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: 40.875 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

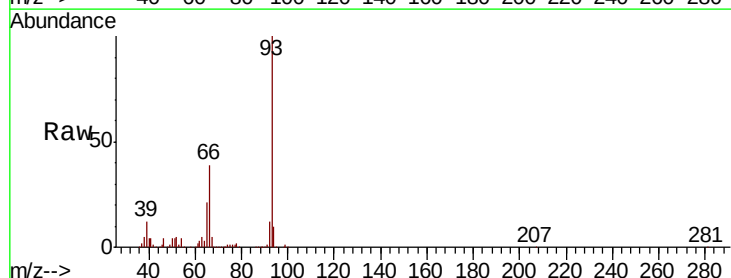
Tgt Ion: 93 Resp: 689076

Ion Ratio Lower Upper

93 100

66 39.2 31.4 47.0

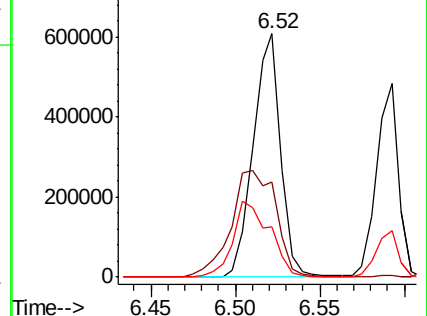
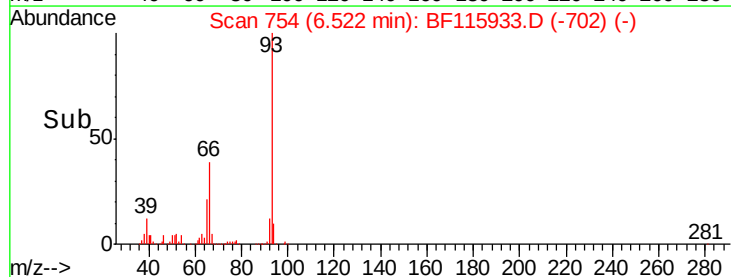
65 20.7 16.5 24.7

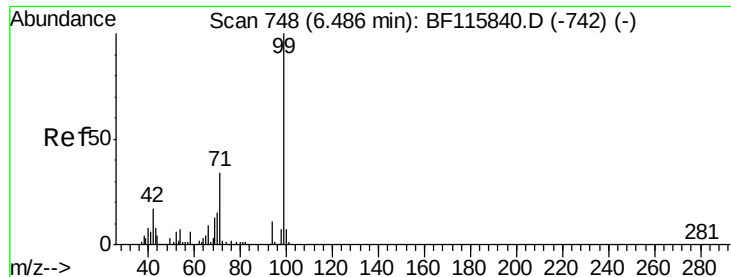


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.342 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

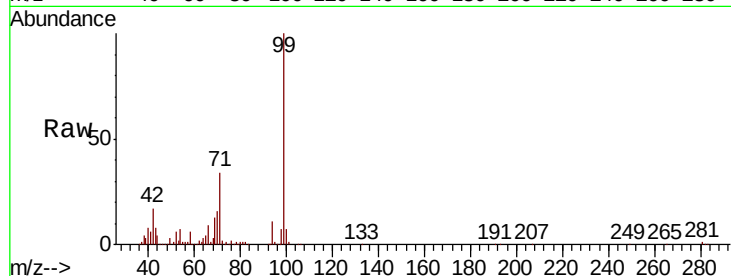
Tot Ion: 99 Resp: 992819

Ion Ratio Lower Upper

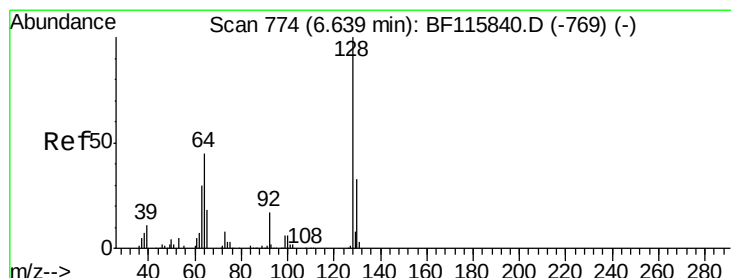
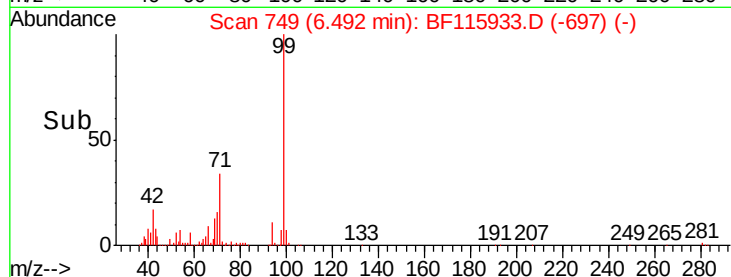
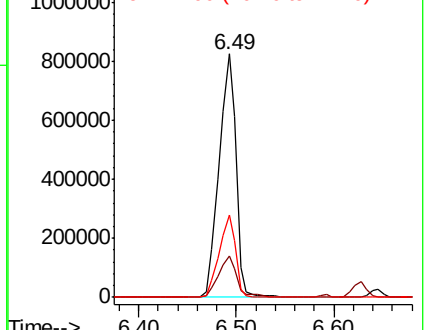
99 100

42 17.1 13.8 20.6

71 33.6 27.1 40.7



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: 42.792 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

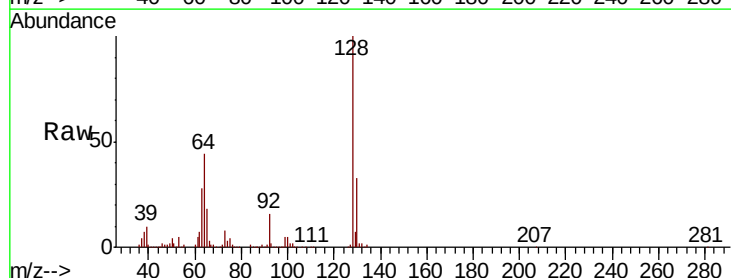
Tgt Ion: 128 Resp: 441489

Ion Ratio Lower Upper

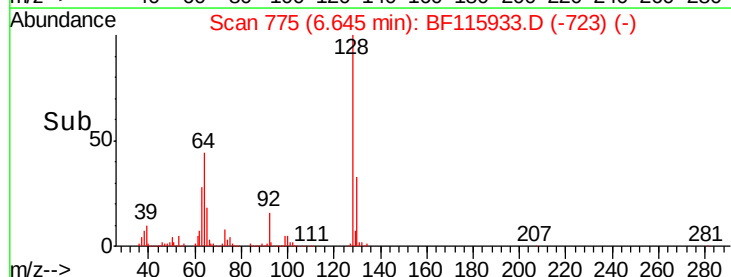
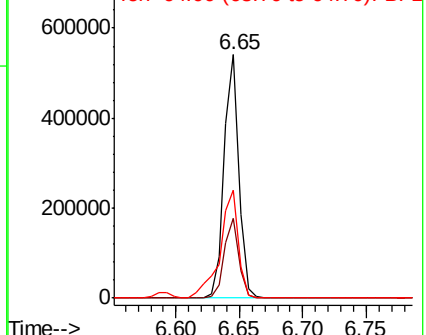
128 100

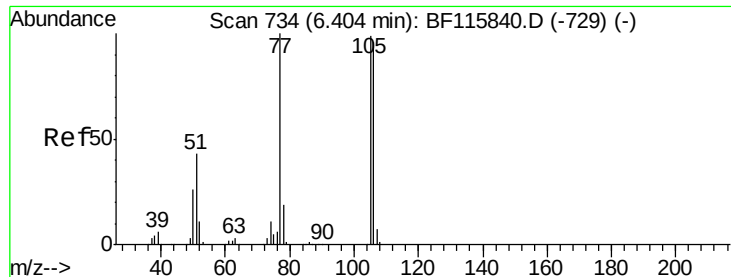
130 32.8 12.9 52.9

64 44.1 26.1 66.1



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: 37.373 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

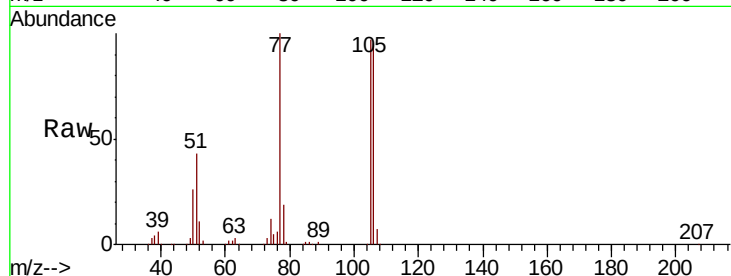
Tot Ion: 77 Resp: 303544

Ion Ratio Lower Upper

77 100

105 97.1 79.0 119.0

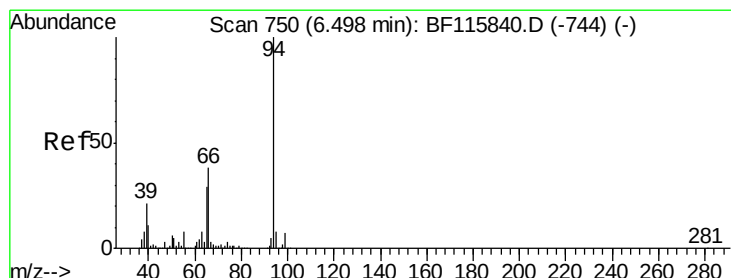
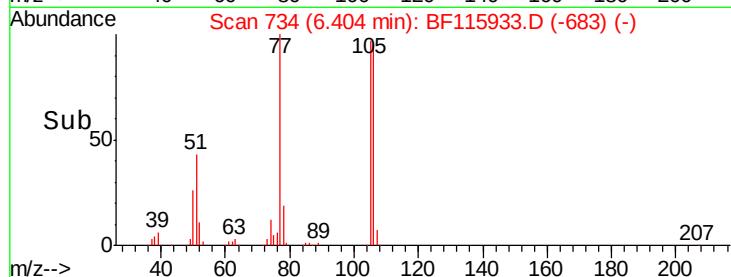
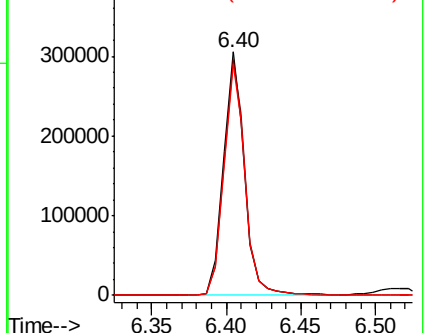
106 94.7 76.2 116.2



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: 41.763 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

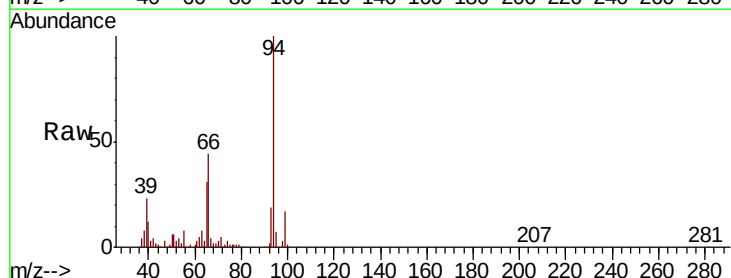
Tgt Ion: 94 Resp: 578920

Ion Ratio Lower Upper

94 100

65 31.4 8.9 48.9

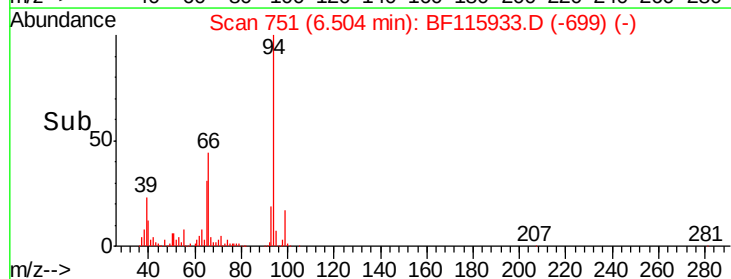
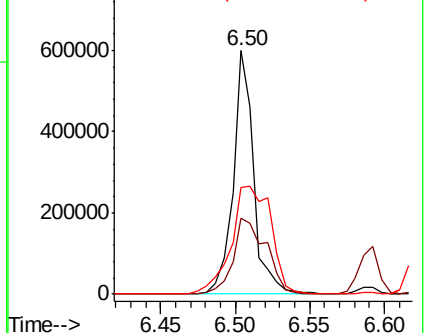
66 43.5 18.0 58.0

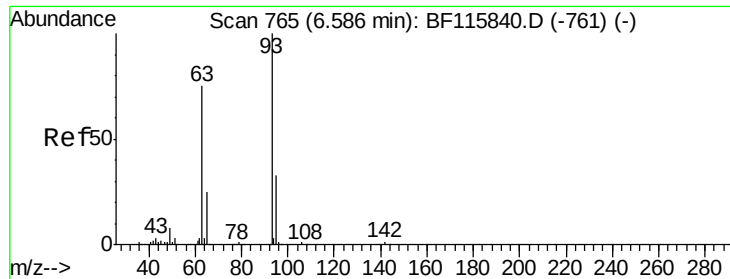


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

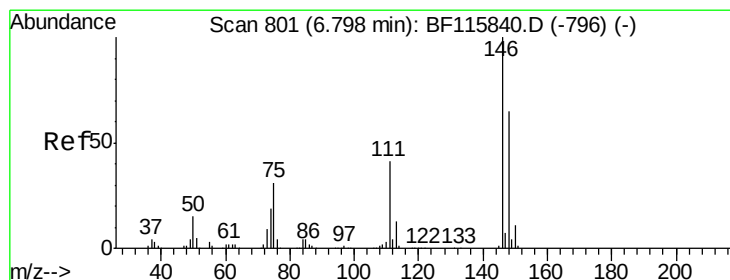
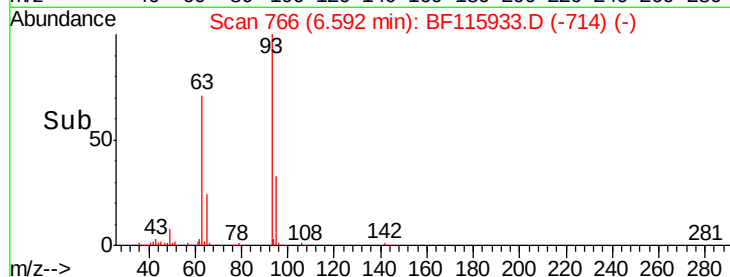
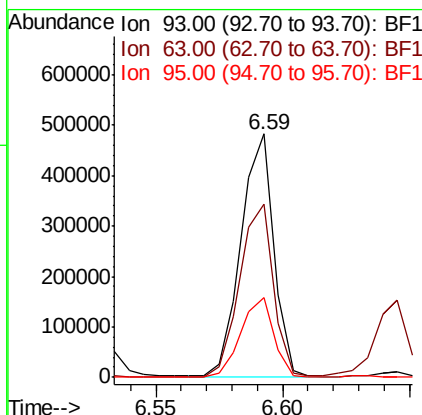
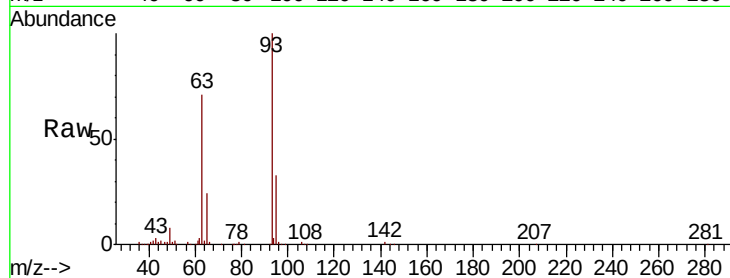




#11
bis(2-Chloroethyl)ether
Concen: 42.519 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

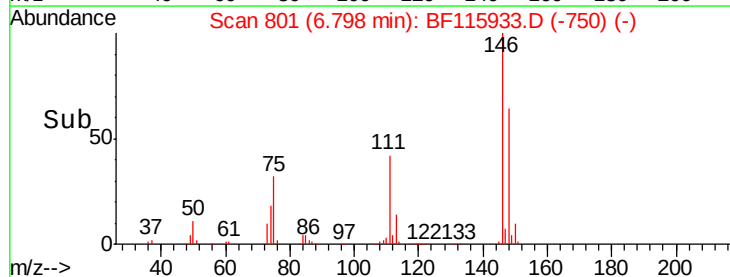
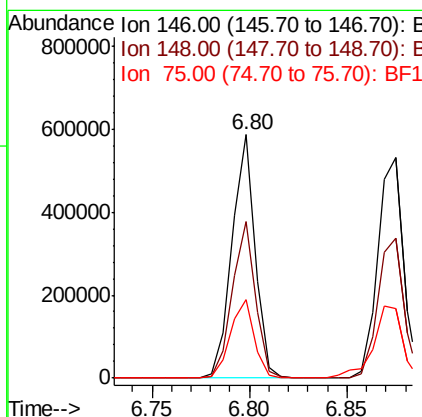
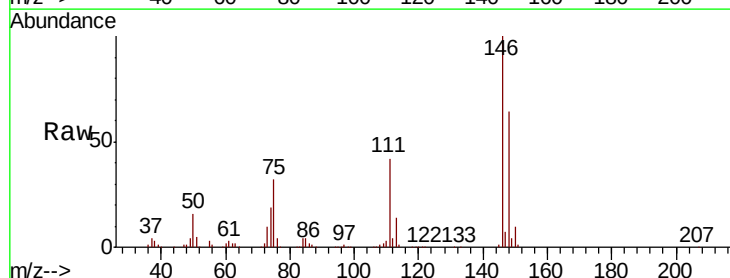
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

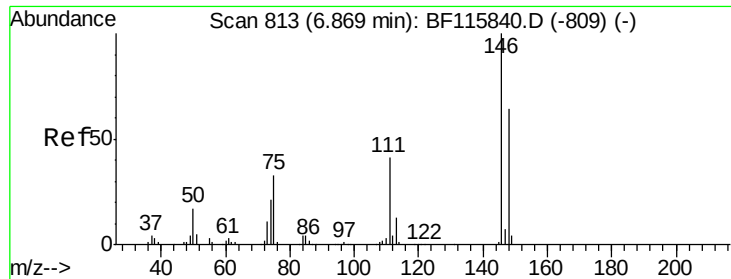
Tot Ion: 93 Resp: 433333
Ion Ratio Lower Upper
93 100
63 71.3 54.9 94.9
95 32.6 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.491 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Tgt Ion: 146 Resp: 482793
Ion Ratio Lower Upper
146 100
148 64.3 52.1 78.1
75 32.3 25.0 37.6

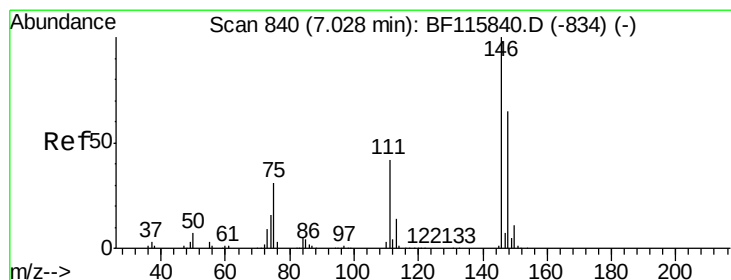
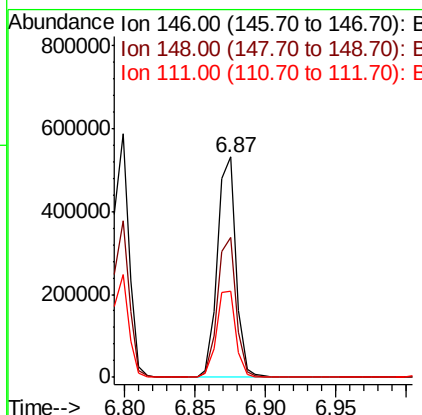
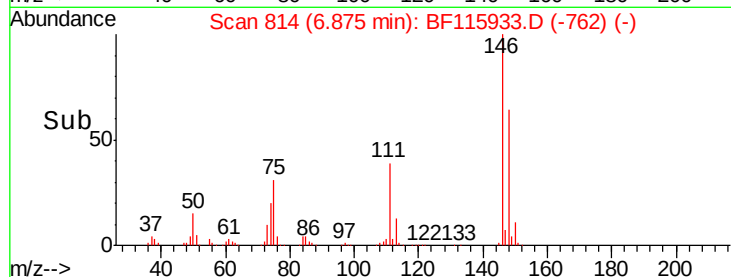
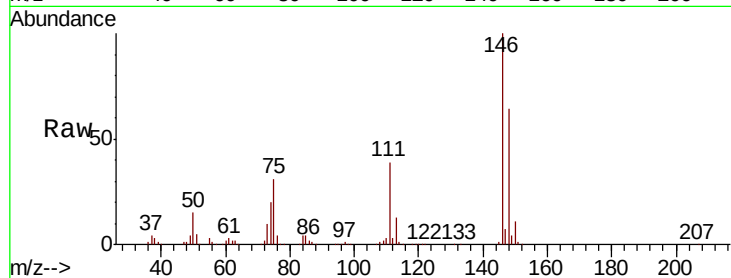




#13
 1,4-Dichlorobenzene
 Concen: 40.876 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF115933.D
 Acq: 2 Aug 2019 9:03

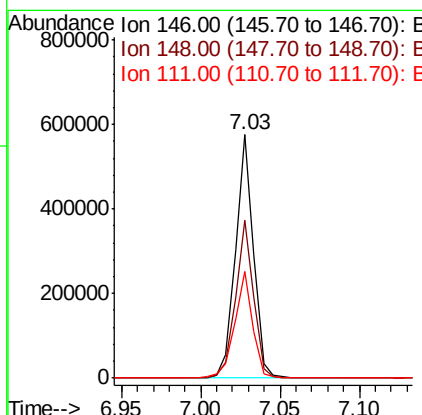
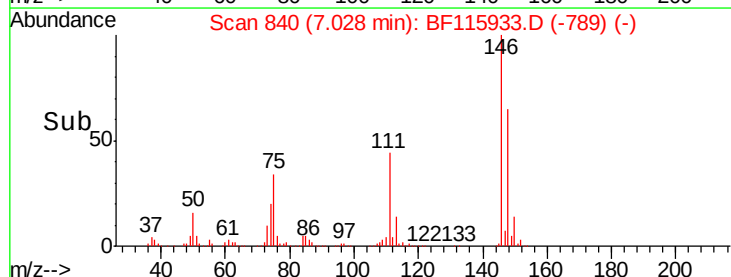
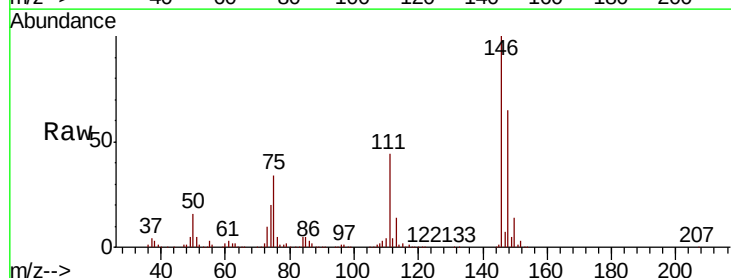
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

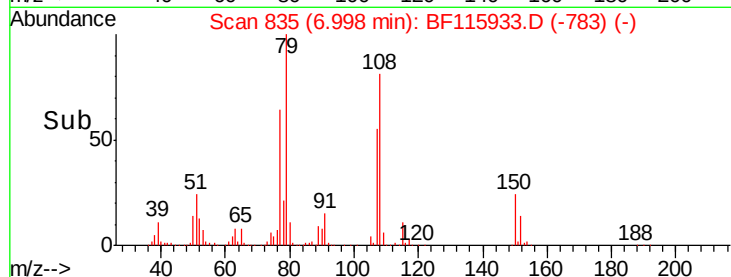
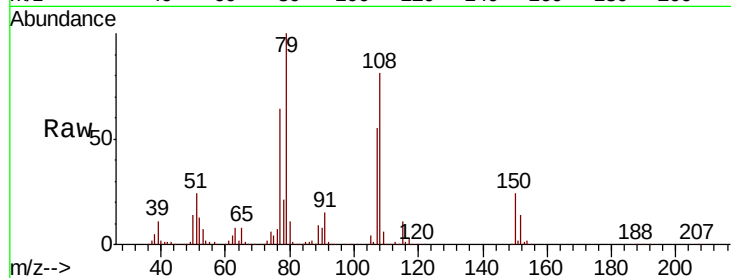
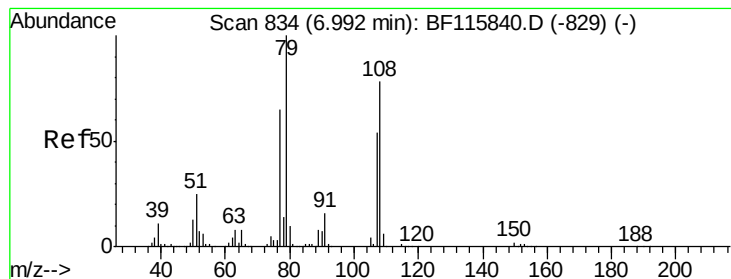
Tot Ion:146 Resp: 487991
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.2 76.8
 111 38.9 33.2 49.8



#14
 1,2-Dichlorobenzene
 Concen: 41.083 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF115933.D
 Acq: 2 Aug 2019 9:03

Tgt Ion:146 Resp: 451613
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.6 77.4
 111 43.8 33.6 50.4





#15

Benzyl Alcohol

Concen: 43.802 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

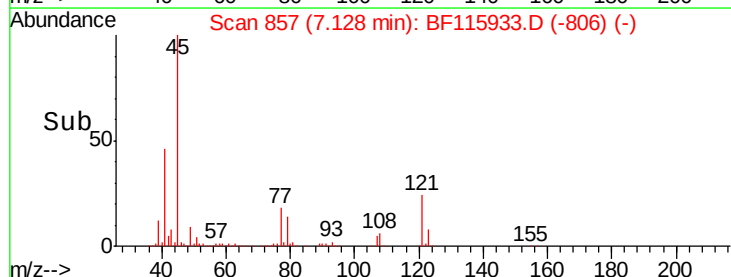
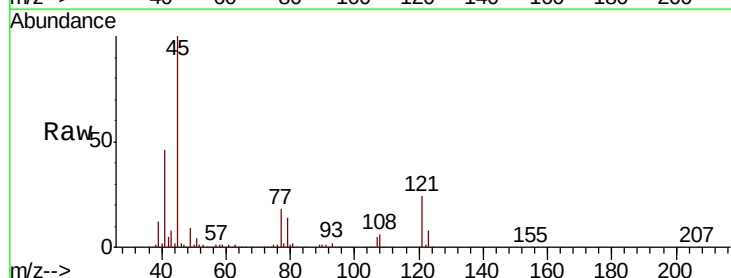
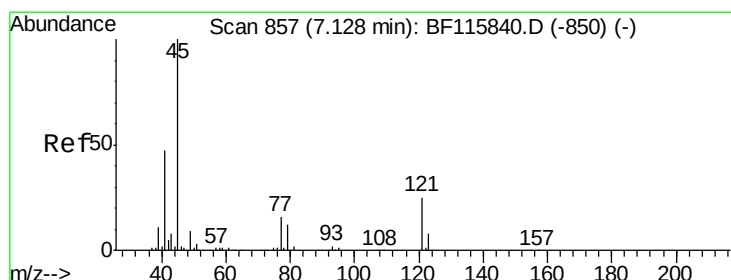
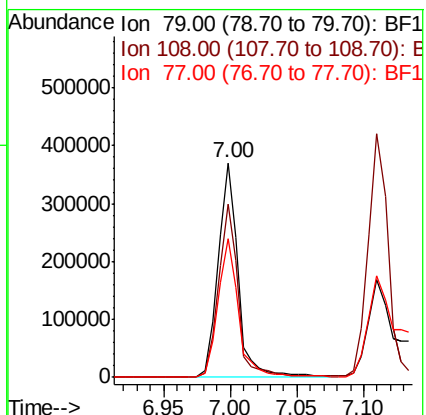
Tot Ion: 79 Resp: 391297

Ion Ratio Lower Upper

79 100

108 80.9 62.8 94.2

77 64.5 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.831 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

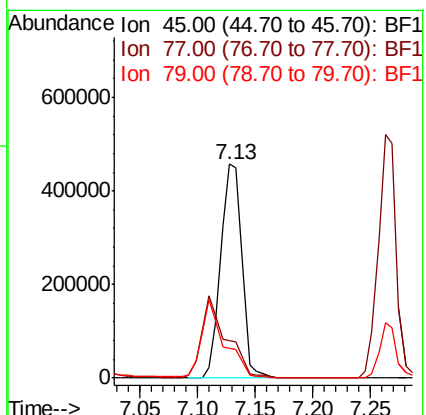
Tgt Ion: 45 Resp: 581500

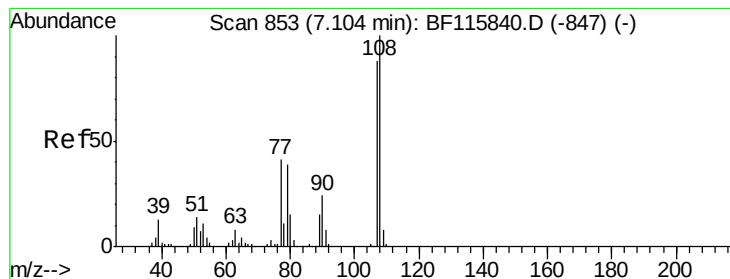
Ion Ratio Lower Upper

45 100

77 17.8 0.0 36.3

79 13.8 0.0 32.5

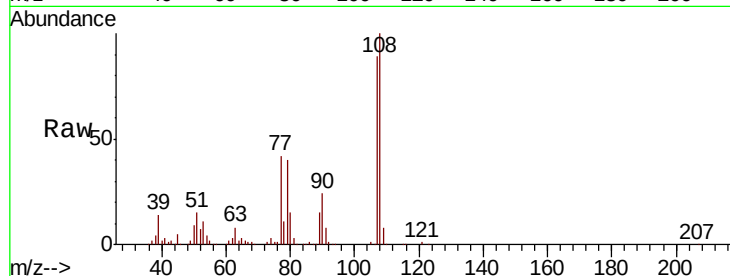




#17
2-Methylphenol
Concen: 43.143 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.4	137.0
77	47.3	37.6	56.4
79	45.2	36.2	54.4



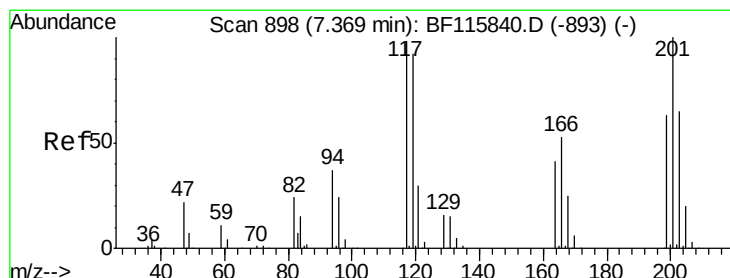
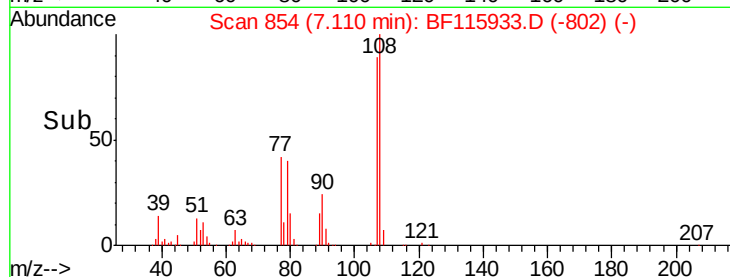
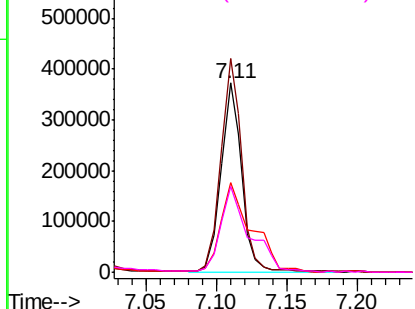
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

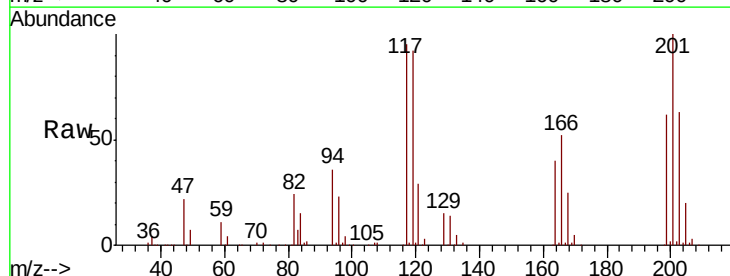
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.474 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.8	113.6
201	105.8	82.0	123.0

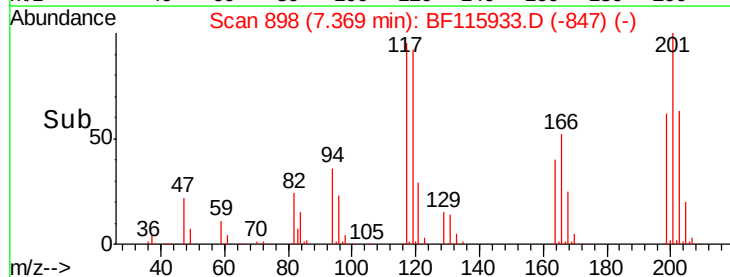
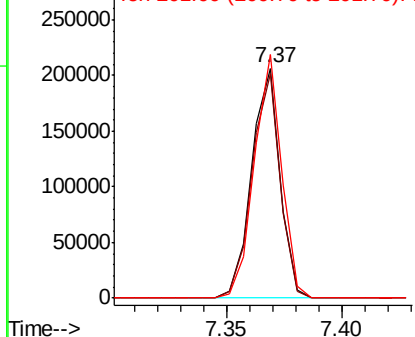


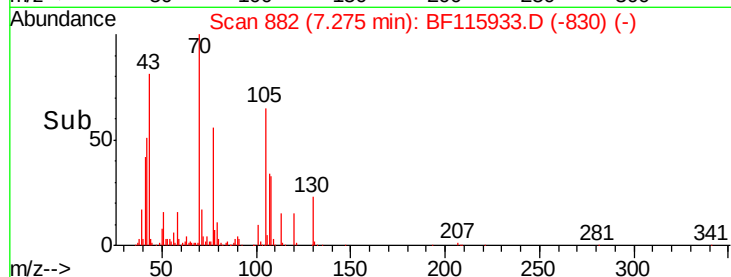
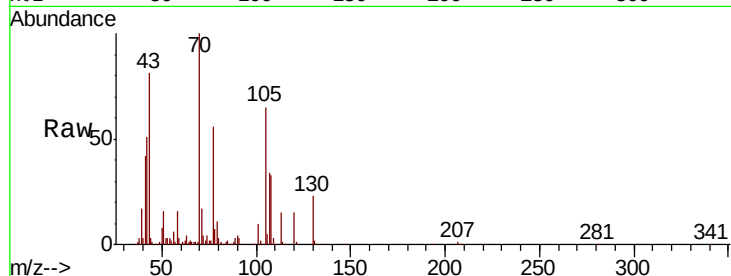
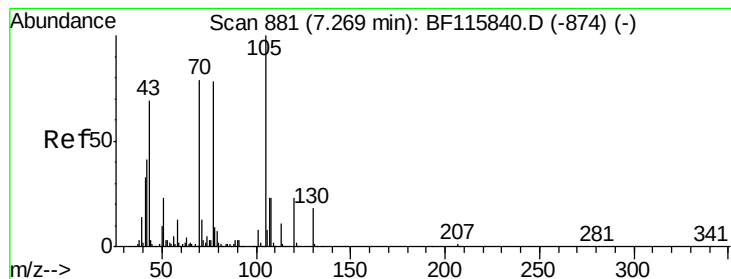
Abundance

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: 42.602 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 310754

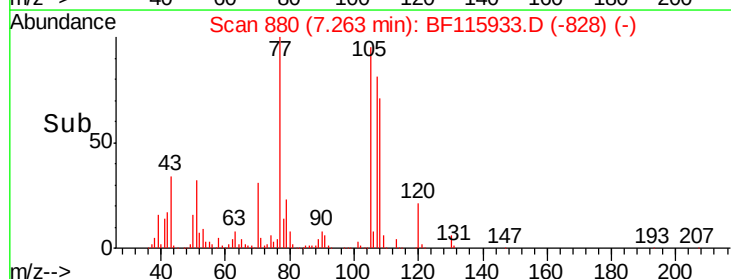
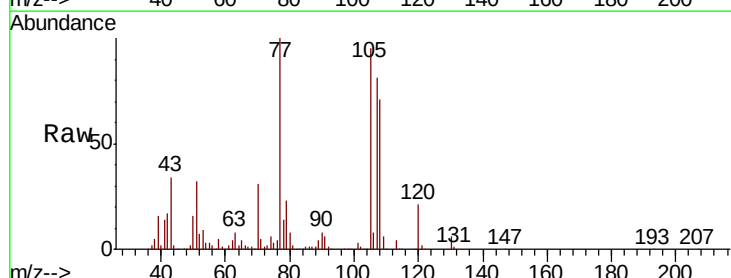
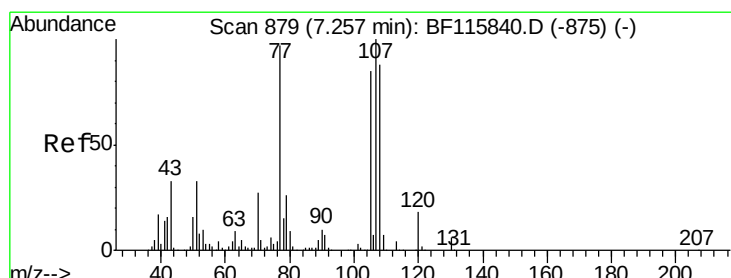
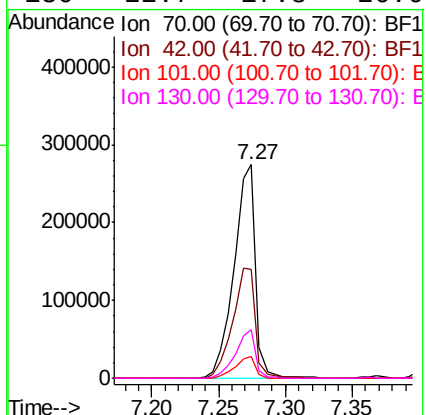
Ion Ratio Lower Upper

70 100

42 51.1 41.8 62.8

101 10.1 7.7 11.5

130 22.7 17.8 26.6



#20

3+4-Methylphenols

Concen: 41.866 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Tgt Ion:107 Resp: 432810

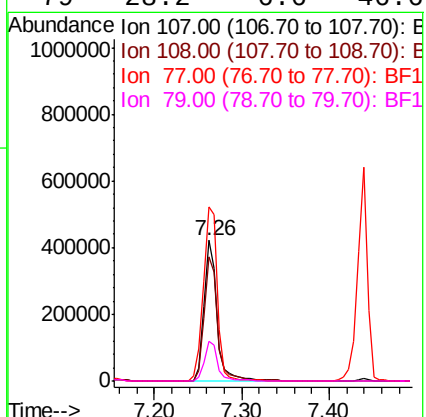
Ion Ratio Lower Upper

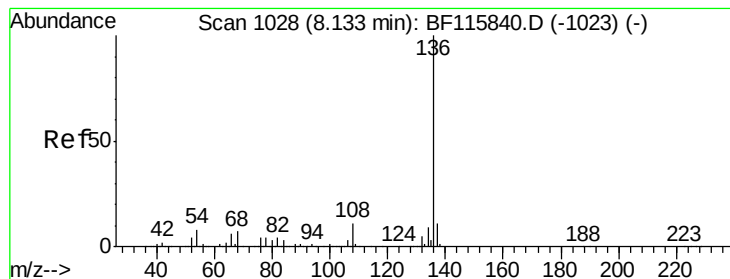
107 100

108 88.1 67.9 107.9

77 123.3 77.3 117.3#

79 28.2 6.6 46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 675802

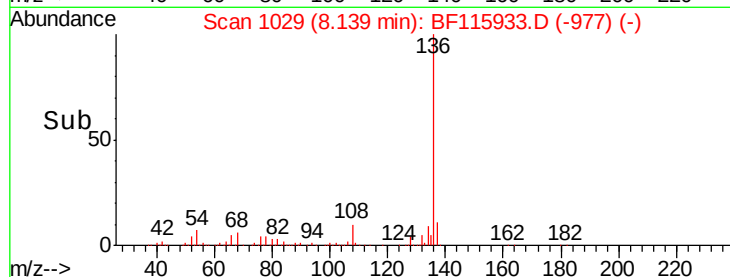
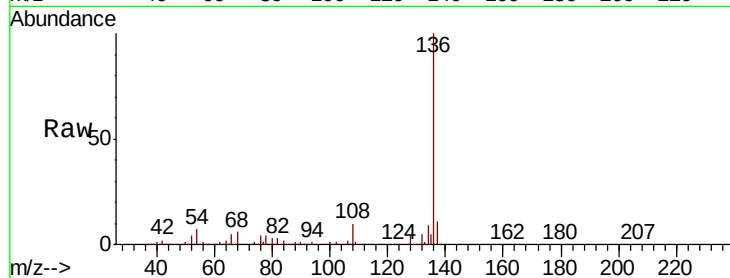
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.6 6.1 9.1

68 5.8 5.4 8.2

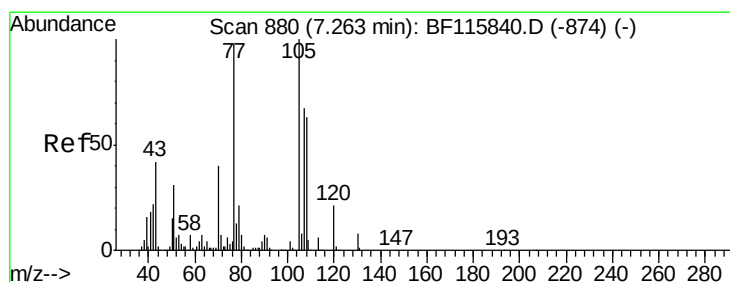
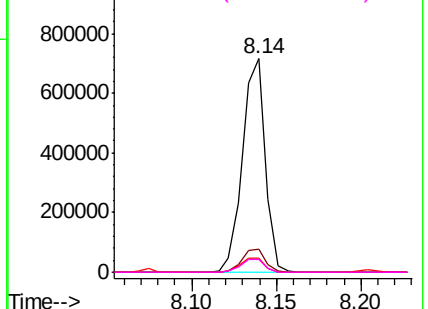


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.008 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Tgt Ion:105 Resp: 578145

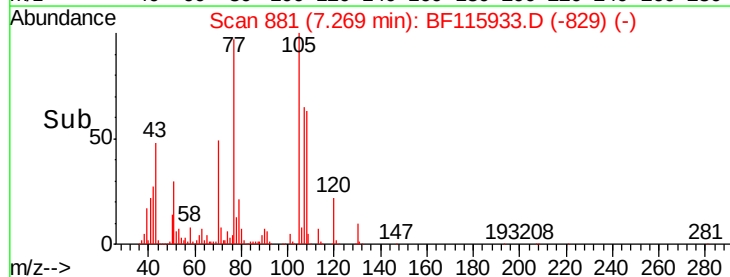
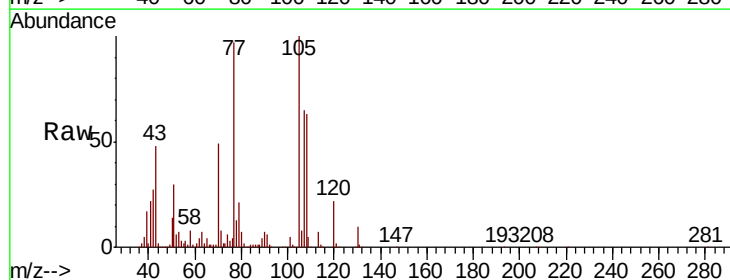
Ion Ratio Lower Upper

105 100

71 8.2 5.4 8.0#

51 29.8 24.6 36.8

120 21.6 17.0 25.6

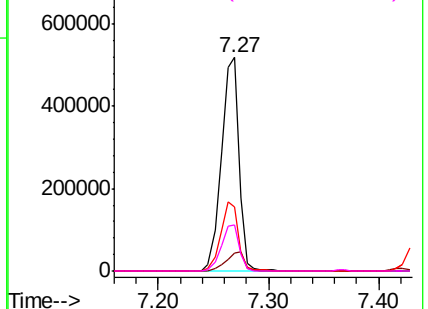


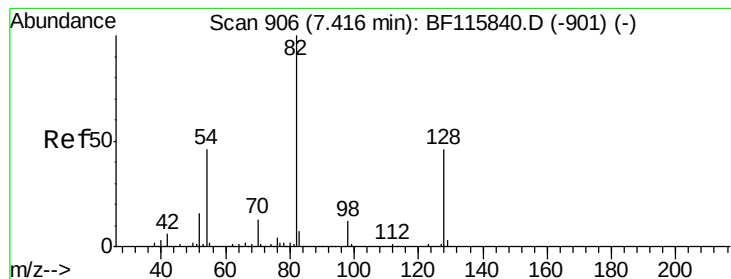
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 78.201 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

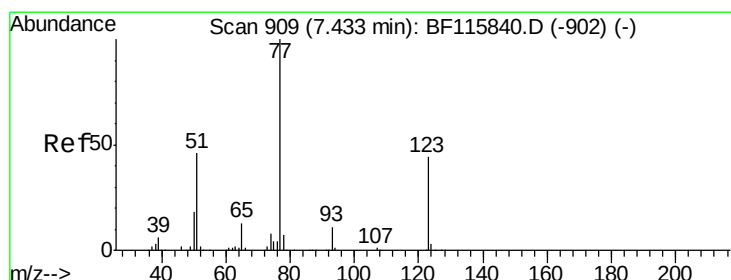
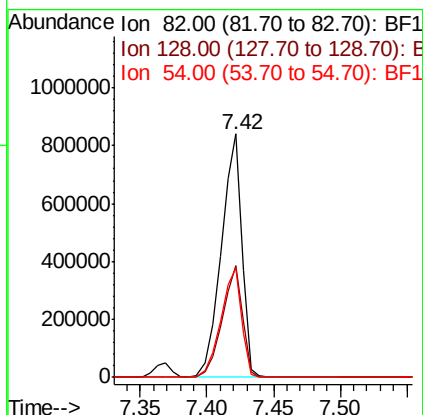
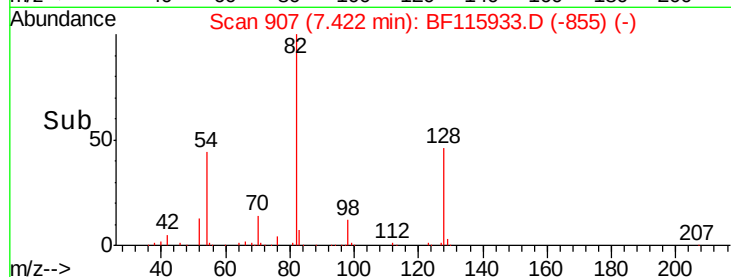
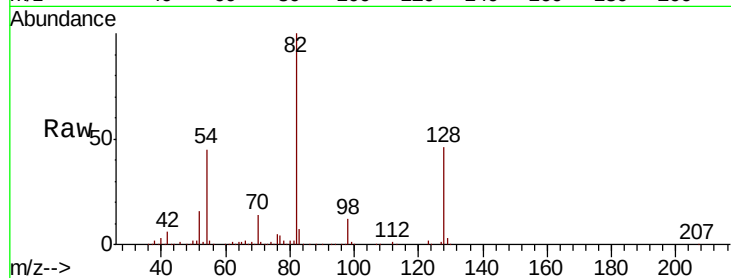
Tot Ion: 82 Resp: 915555

Ion Ratio Lower Upper

82 100

128 45.8 36.6 55.0

54 44.8 36.6 55.0



#24

Nitrobenzene

Concen: 39.888 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

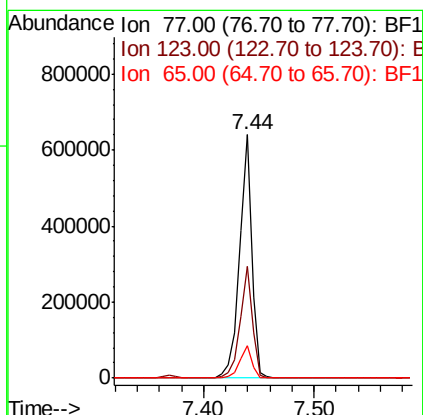
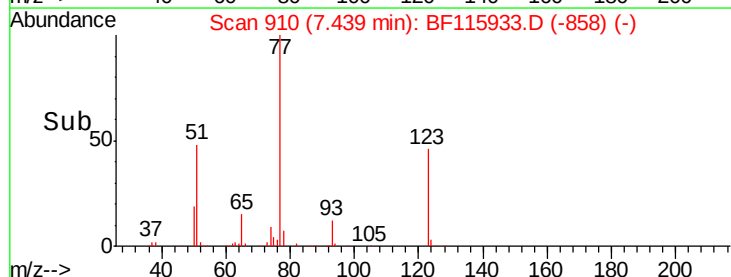
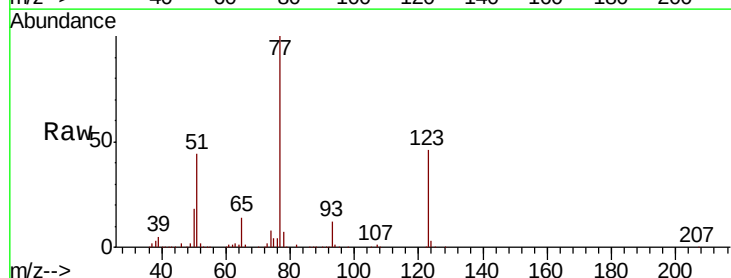
Tgt Ion: 77 Resp: 504246

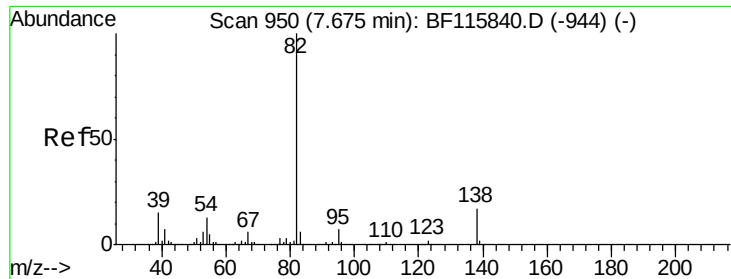
Ion Ratio Lower Upper

77 100

123 46.0 35.5 53.3

65 13.5 10.6 15.8





#25

Isophorone

Concen: 40.147 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

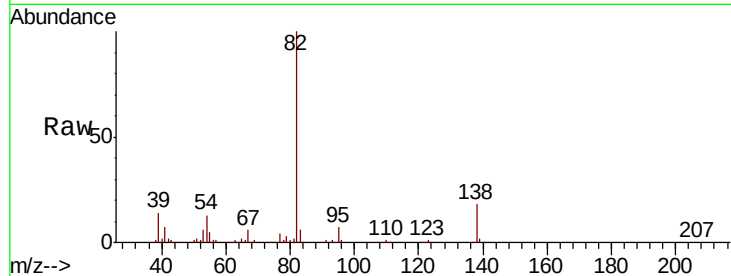
Tot Ion: 82 Resp: 898758

Ion Ratio Lower Upper

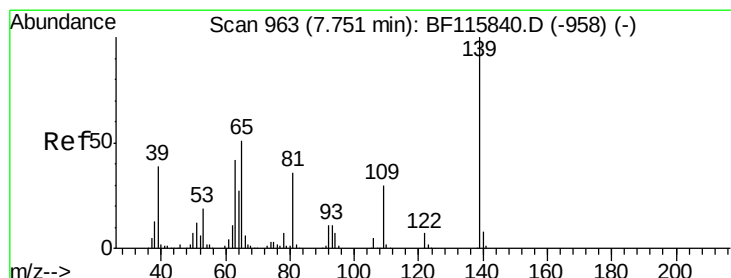
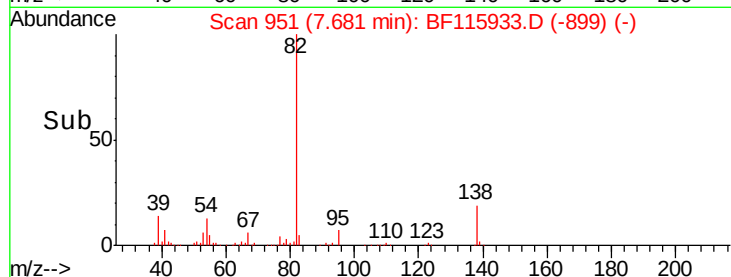
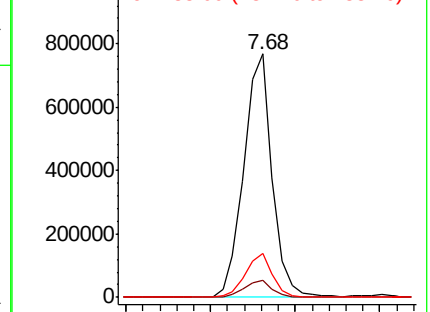
82 100

95 6.8 5.5 8.3

138 18.2 13.9 20.9



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: 42.426 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

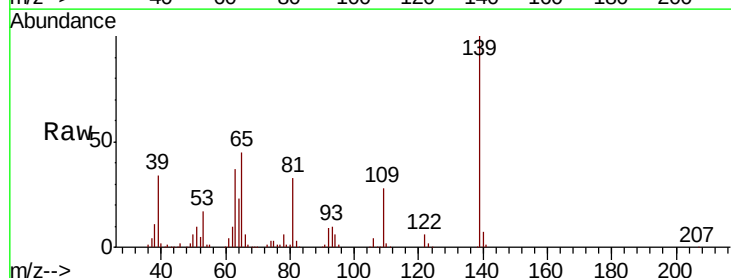
Tgt Ion: 139 Resp: 252817

Ion Ratio Lower Upper

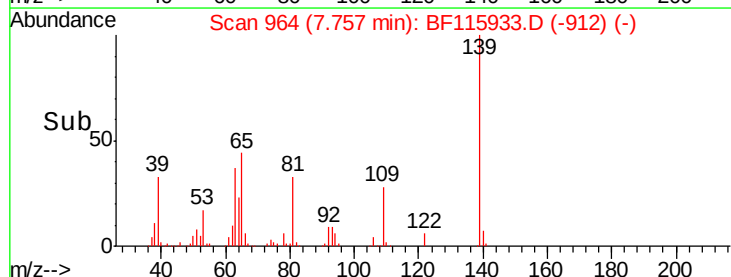
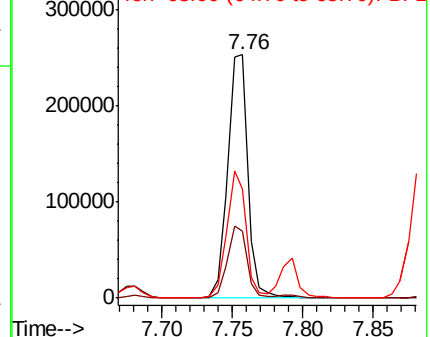
139 100

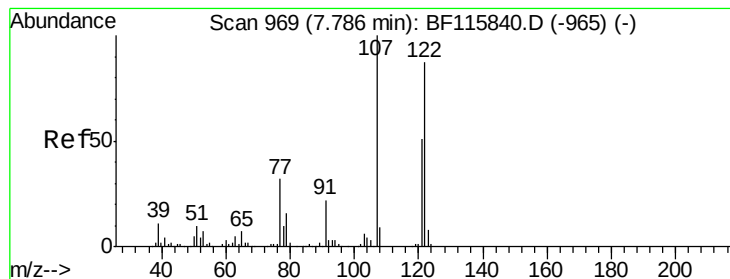
109 27.5 23.6 35.4

65 45.0 40.6 60.8



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





#27

2,4-Dimethylphenol

Concen: 39.379 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

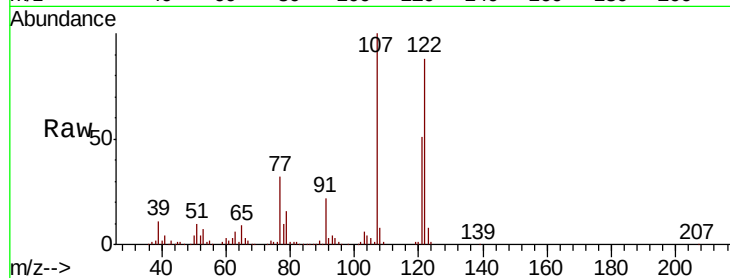
Tot Ion:122 Resp: 353039

Ion Ratio Lower Upper

122 100

107 113.7 91.7 137.5

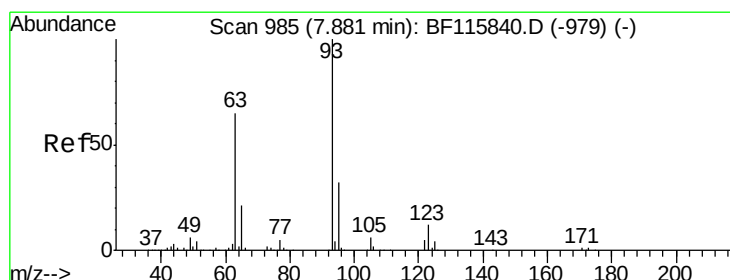
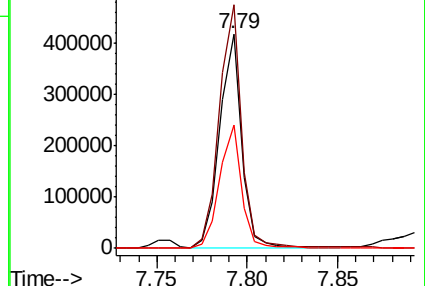
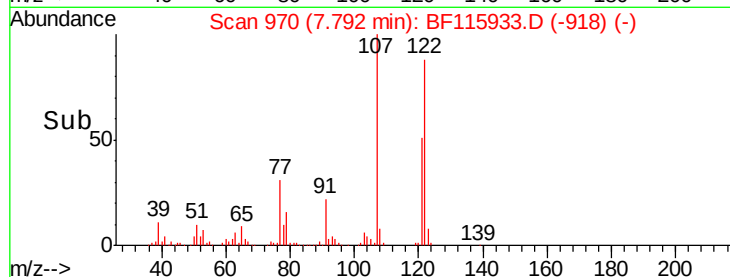
121 57.8 46.6 70.0



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: 39.805 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

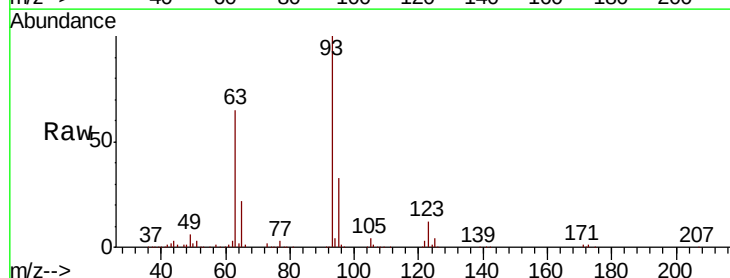
Tgt Ion: 93 Resp: 552319

Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

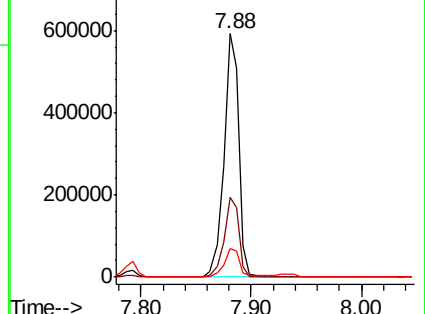
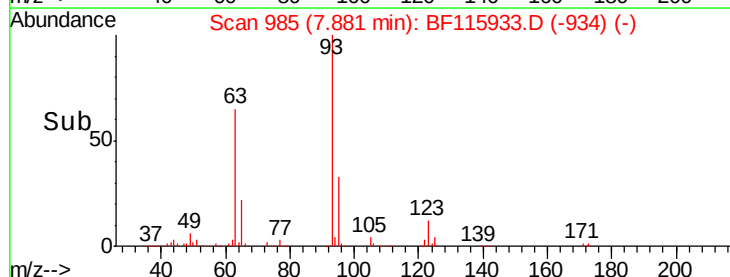
123 11.6 9.5 14.3

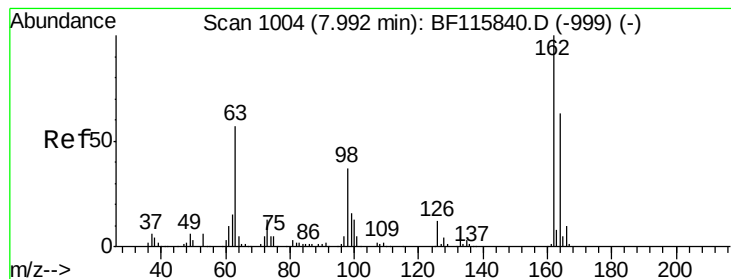


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.618 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

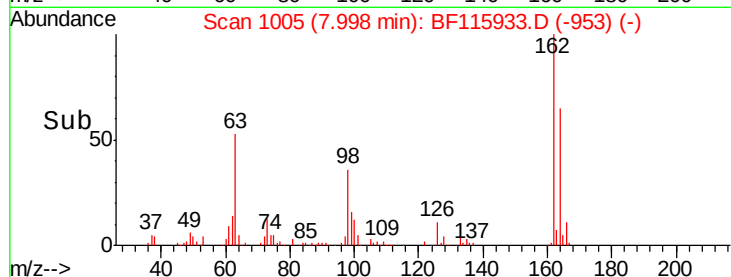
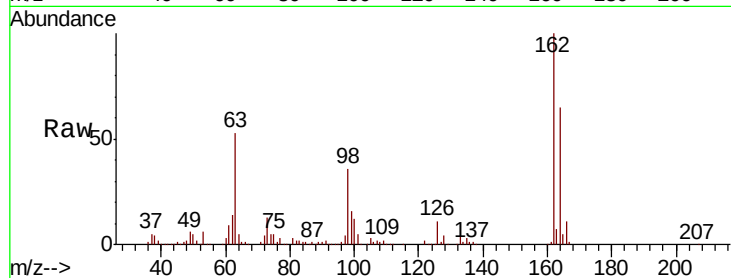
Tot Ion:162 Resp: 384487

Ion Ratio Lower Upper

162 100

164 64.6 43.2 83.2

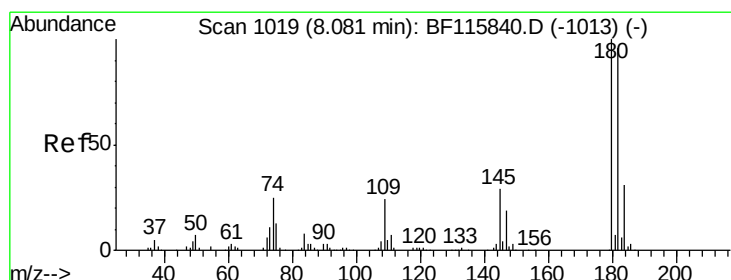
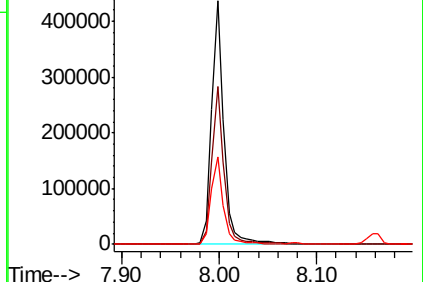
98 35.8 17.3 57.3



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: 39.316 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

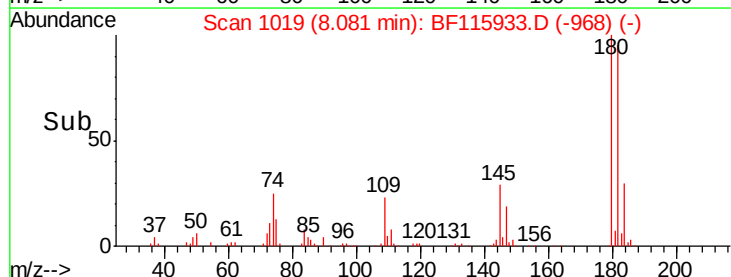
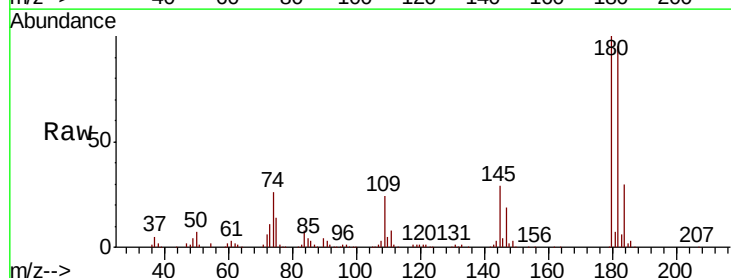
Tgt Ion:180 Resp: 424239

Ion Ratio Lower Upper

180 100

182 94.5 76.6 114.8

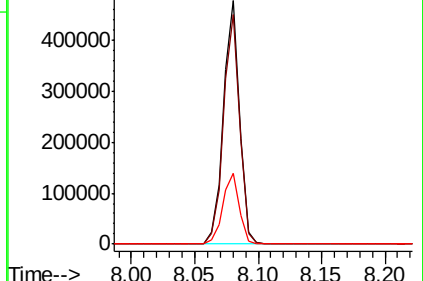
145 28.9 23.2 34.8

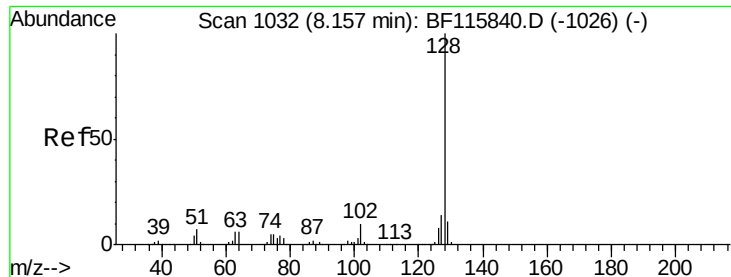


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

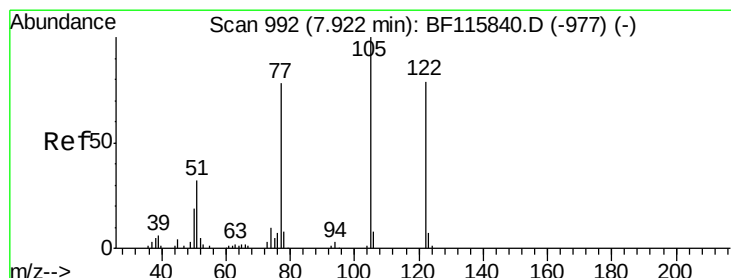
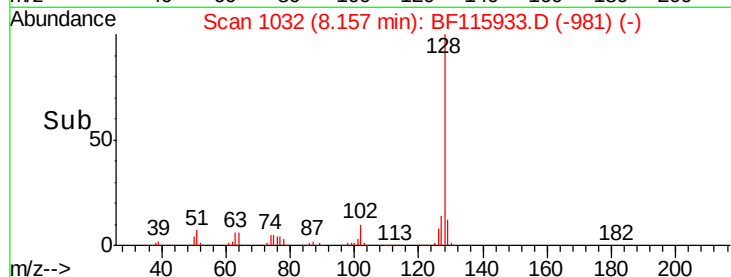
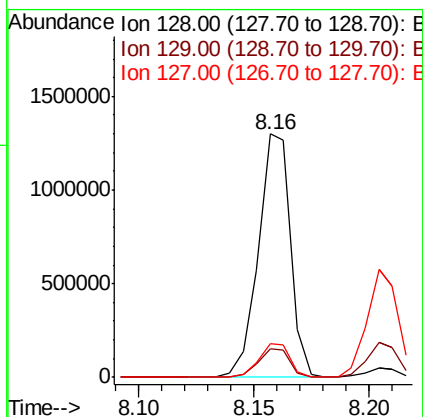
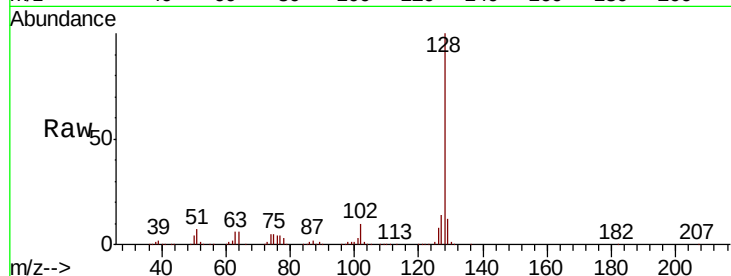




#31
Naphthalene
Concen: 39.795 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

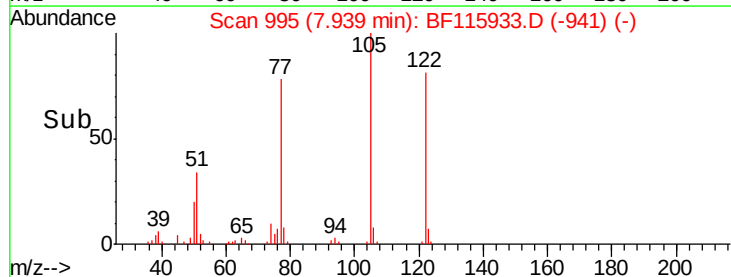
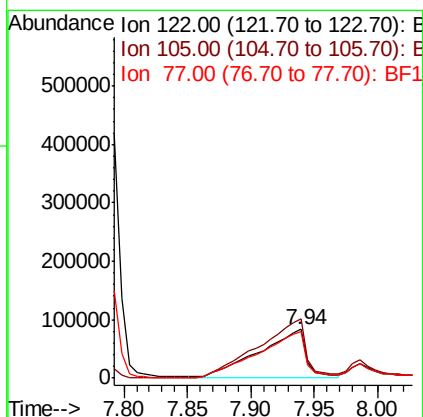
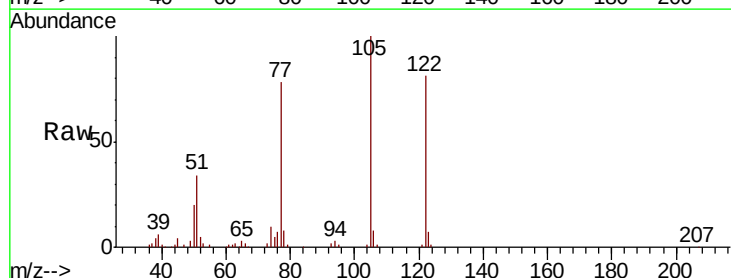
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

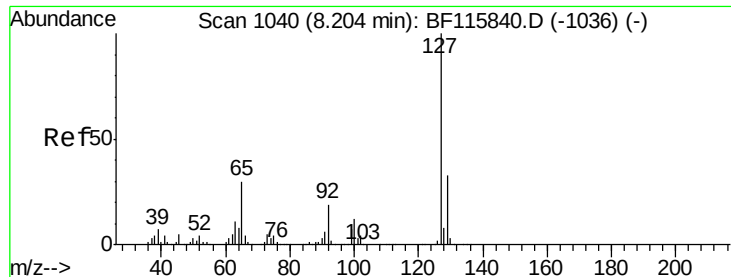
Tot Ion:128 Resp: 1265564
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.9 11.0 16.4



#32
Benzoic acid
Concen: 34.019 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.02 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Tgt Ion:122 Resp: 215023
Ion Ratio Lower Upper
122 100
105 123.4 103.1 143.1
77 95.8 76.8 116.8

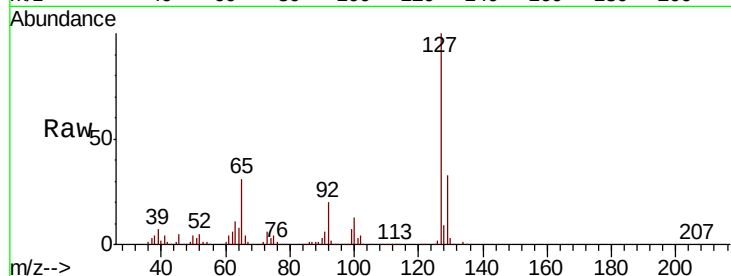




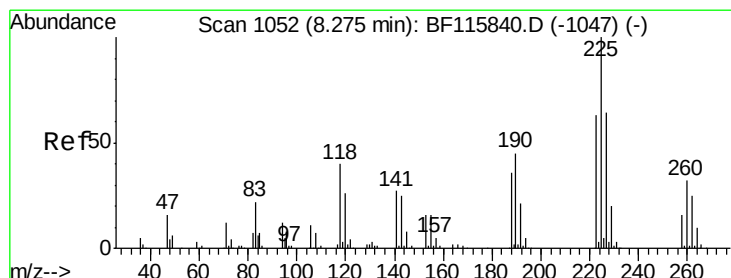
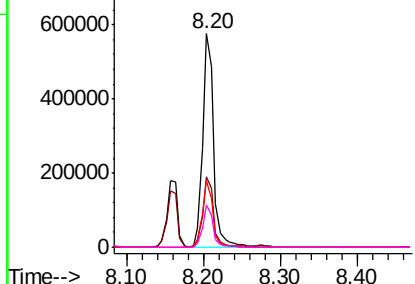
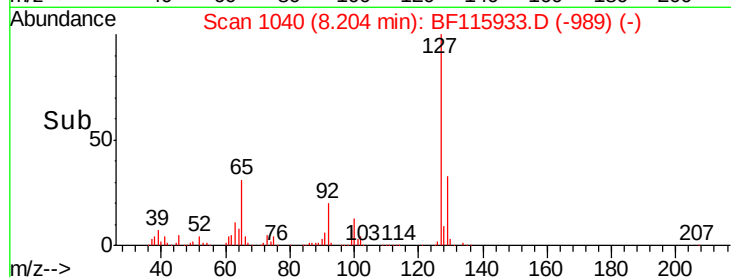
#33
4-Chloroaniline
Concen: 40.481 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	575202
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.0	39.0
65	31.4	23.9	35.9
92	19.6	14.9	22.3

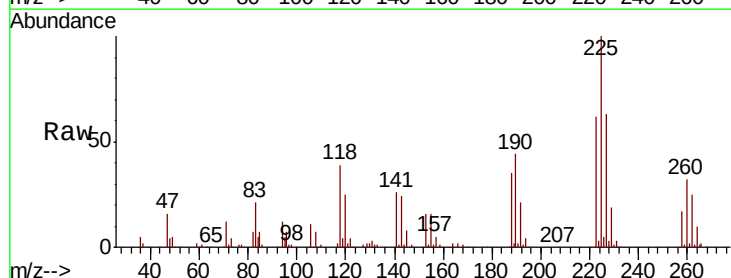


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

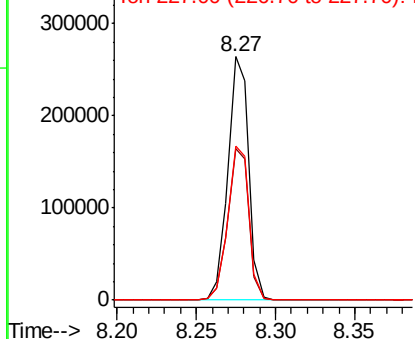
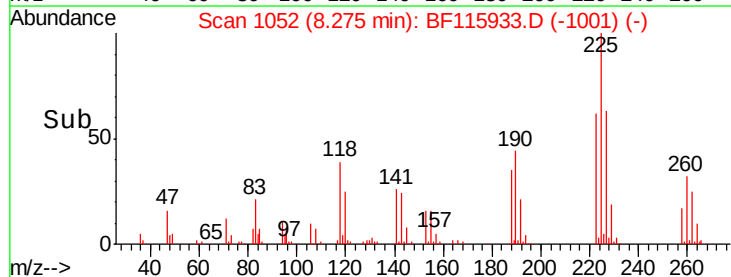


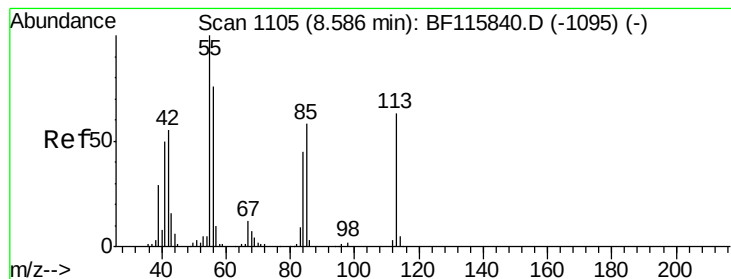
#34
Hexachlorobutadiene
Concen: 38.594 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Tgt Ion:	225	Resp:	239872
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.4	75.6
227	63.2	51.6	77.4



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: 42.309 ng

RT: 8.60 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

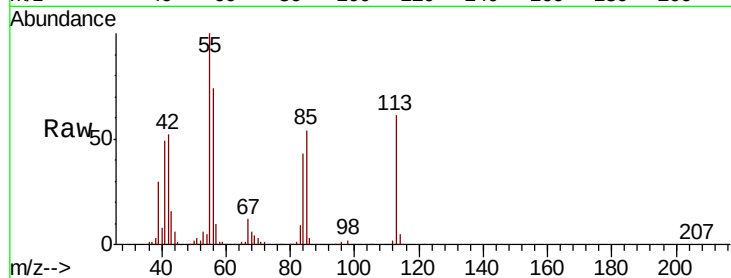
Tot Ion:113 Resp: 129533

Ion Ratio Lower Upper

113 100

55 163.3 138.1 178.1

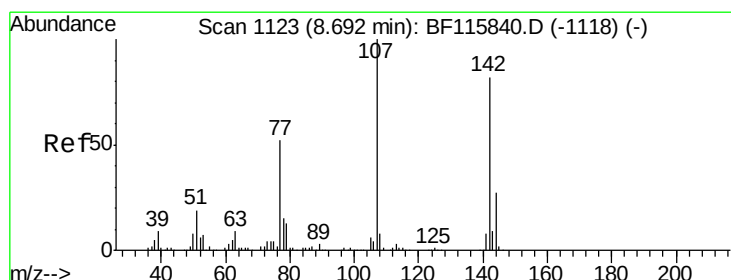
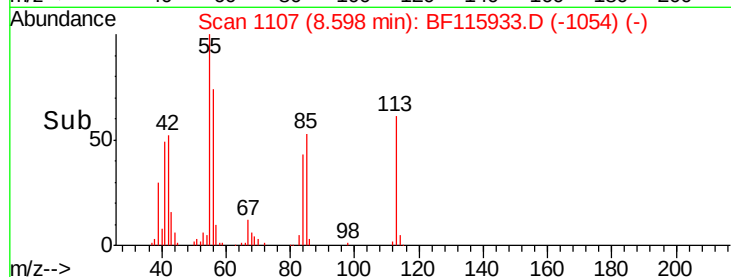
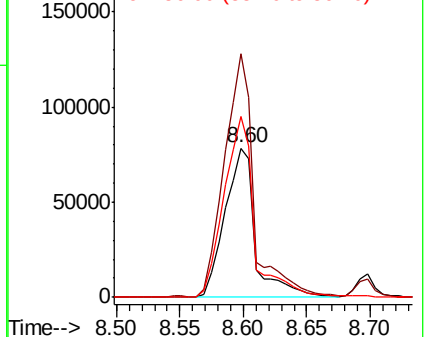
56 121.3 100.6 140.6



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: 41.941 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

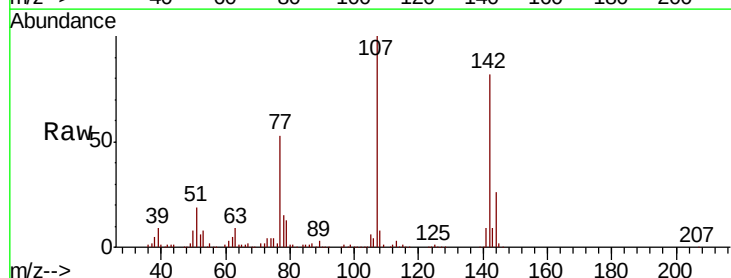
Tgt Ion:107 Resp: 413024

Ion Ratio Lower Upper

107 100

144 26.4 21.4 32.0

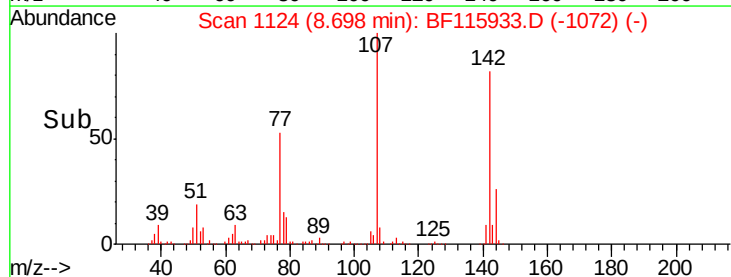
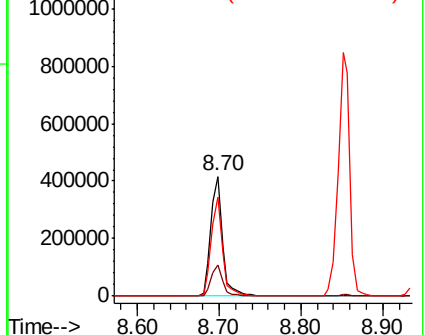
142 82.0 65.5 98.3

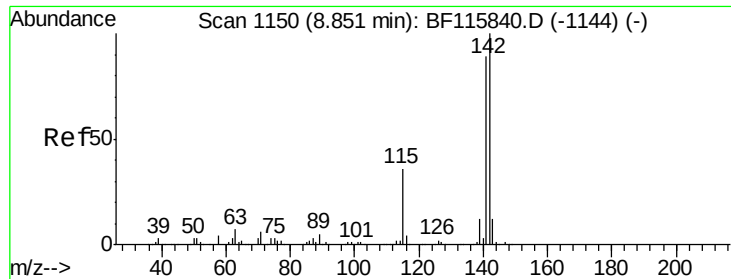


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

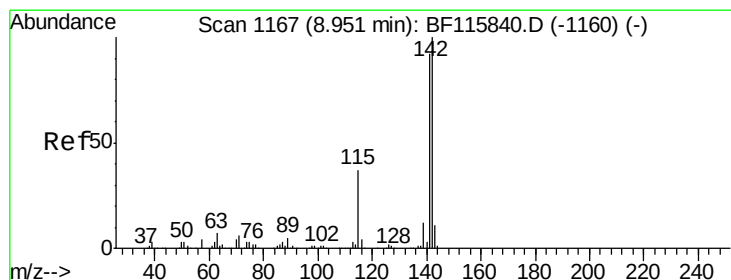
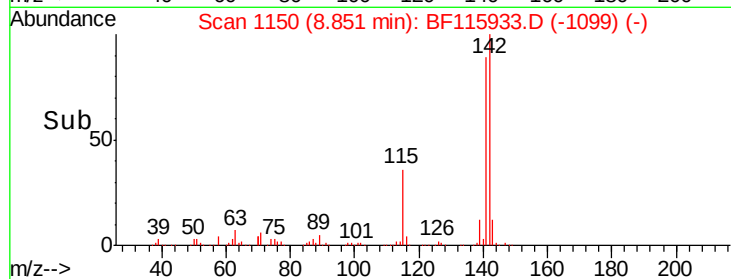
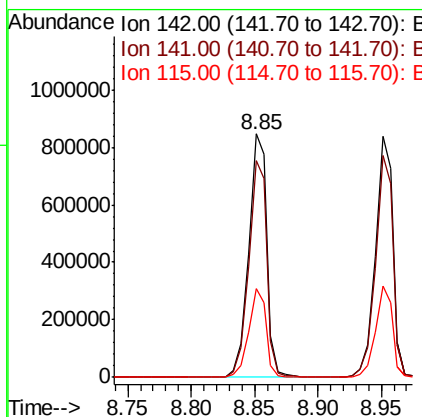
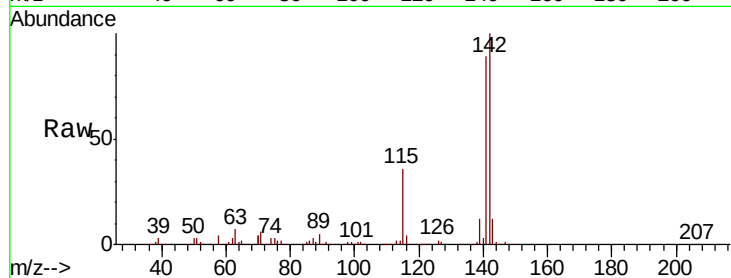




#37
 2-Methylnaphthalene
 Concen: 40.187 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF115933.D
 Acq: 2 Aug 2019 9:03

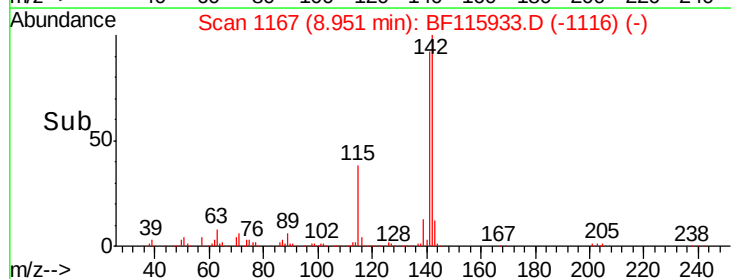
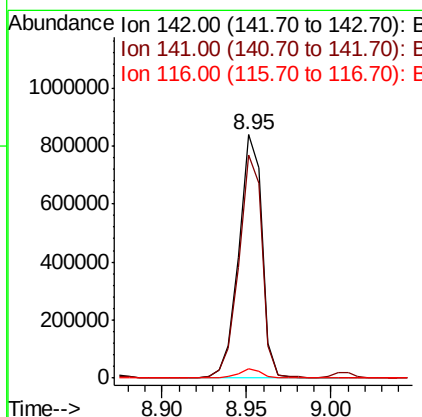
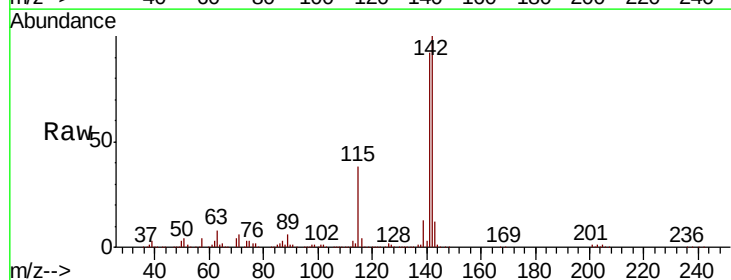
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

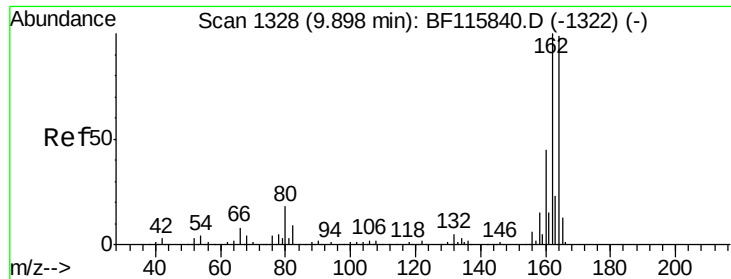
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	36.5	28.9	43.3



#38
 1-Methylnaphthalene
 Concen: 40.383 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF115933.D
 Acq: 2 Aug 2019 9:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.8	110.6
116	3.9	3.1	4.7

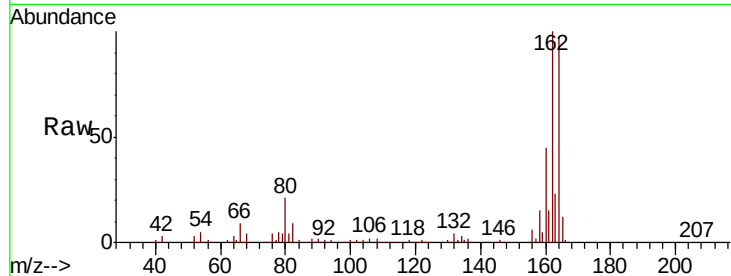




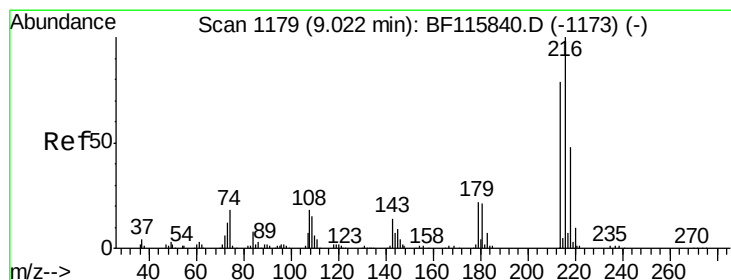
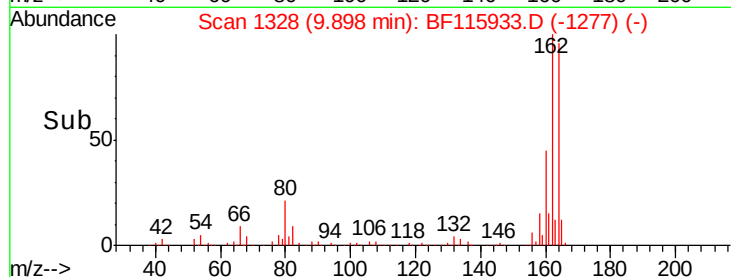
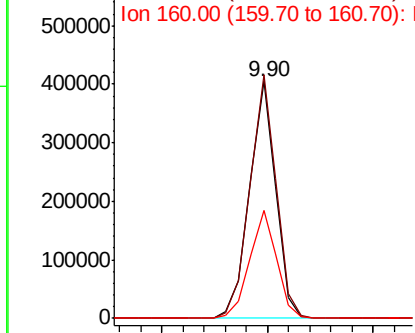
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF115933.D
 Acq: 2 Aug 2019 9:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	164	Resp:	350010
Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.8	121.2
160	45.8	36.2	54.4

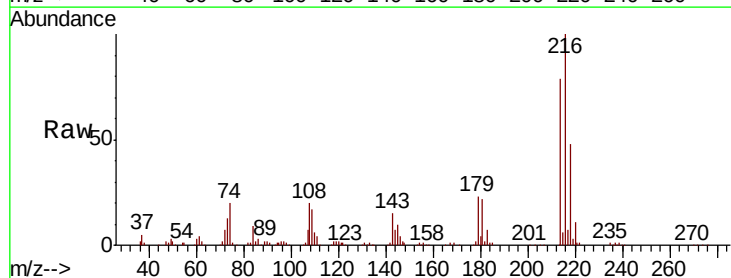


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

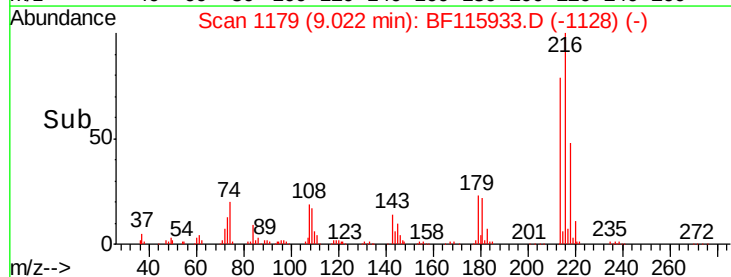
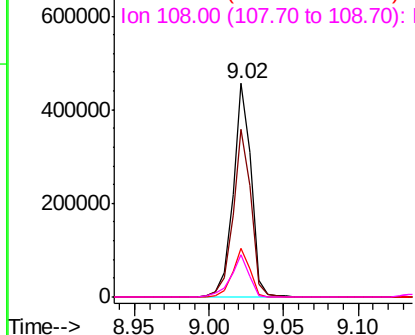


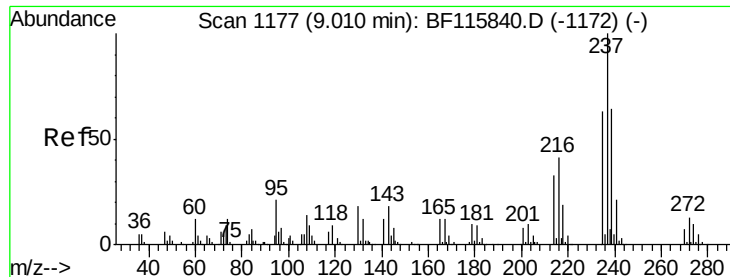
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.416 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115933.D
 Acq: 2 Aug 2019 9:03

Tgt Ion:	216	Resp:	387538
Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.8	94.2
179	22.0	17.6	26.4
108	20.1	16.1	24.1



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: 33.296 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

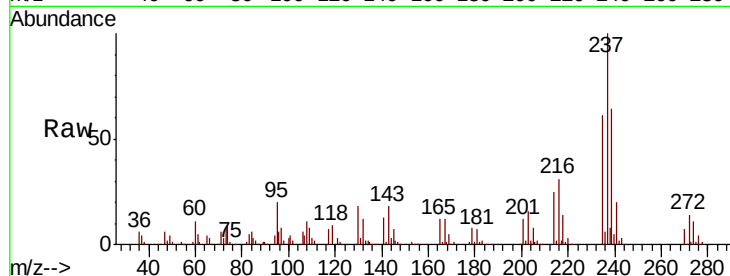
Tot Ion:237 Resp: 124183

Ion Ratio Lower Upper

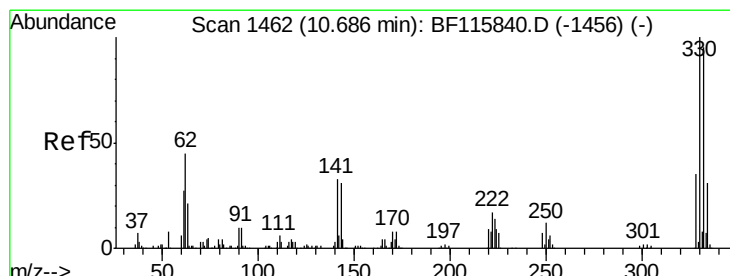
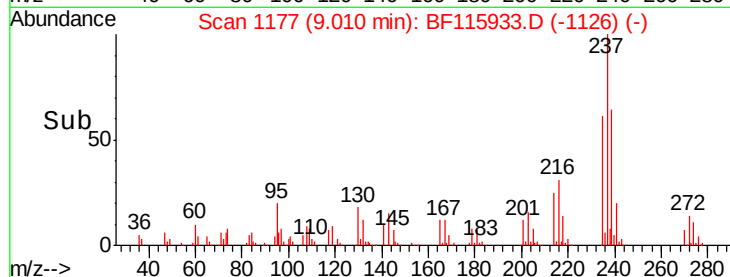
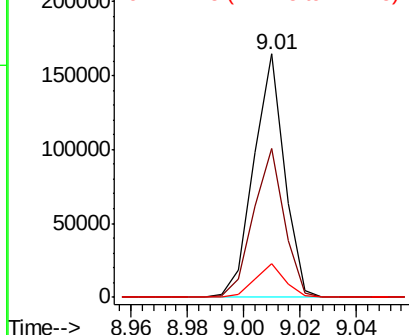
237 100

235 61.2 42.5 82.5

272 13.8 0.0 33.3



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: 85.529 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

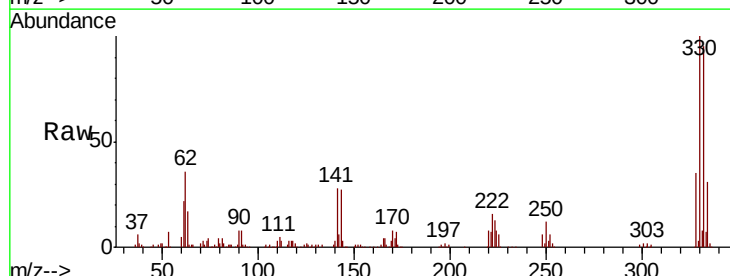
Tgt Ion:330 Resp: 290239

Ion Ratio Lower Upper

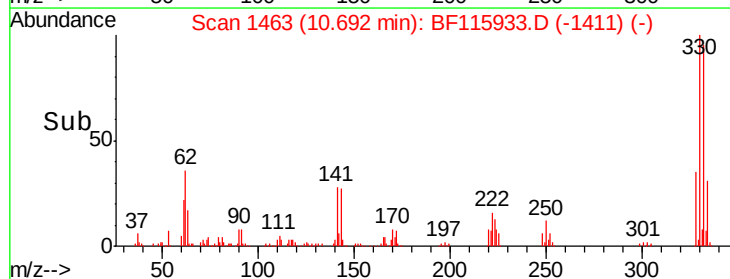
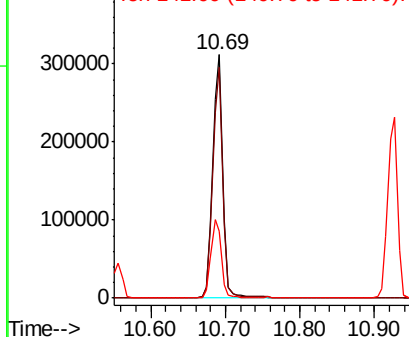
330 100

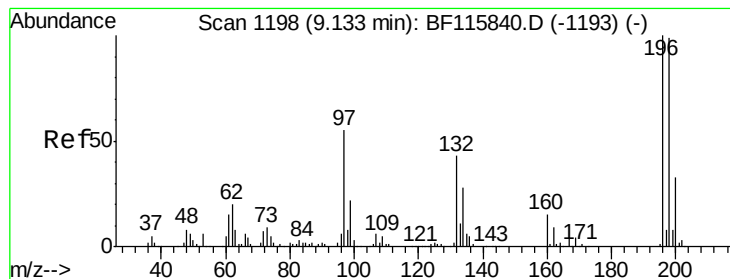
332 94.6 77.7 116.5

141 33.7 28.1 42.1



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





#43

2,4,6-Trichlorophenol

Concen: 40.845 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

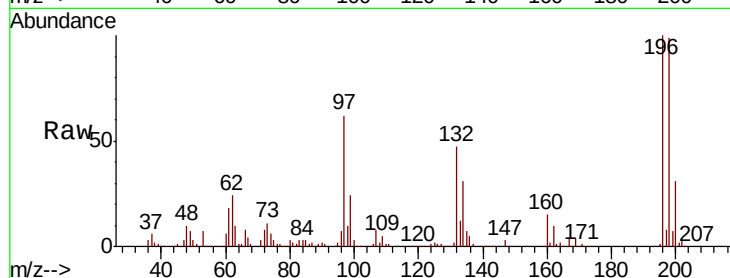
Tot Ion:196 Resp: 263070

Ion Ratio Lower Upper

196 100

198 99.4 79.1 118.7

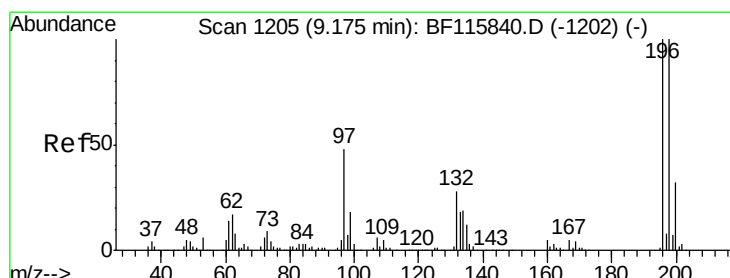
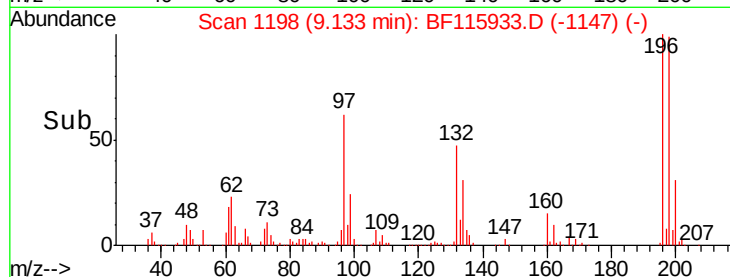
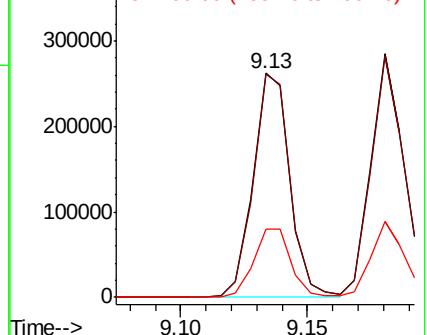
200 30.6 26.0 39.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.952 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Tgt Ion:196 Resp: 279307

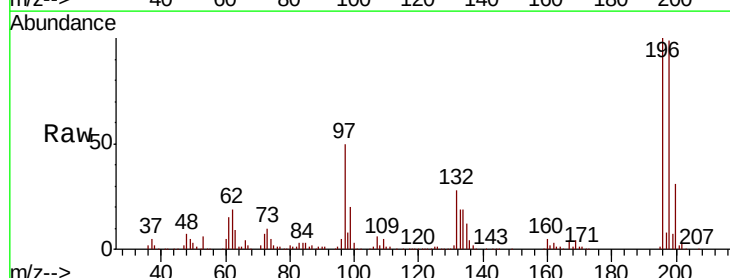
Ion Ratio Lower Upper

196 100

198 99.1 80.1 120.1

97 50.3 38.9 58.3

132 27.9 22.6 33.8

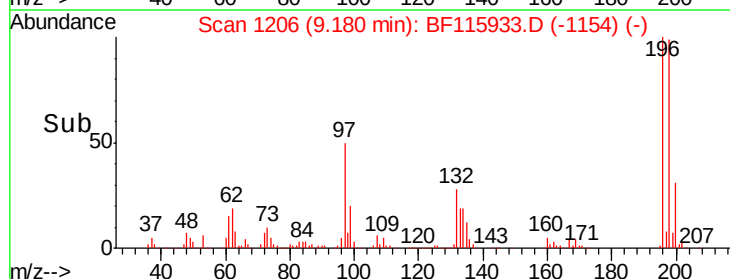
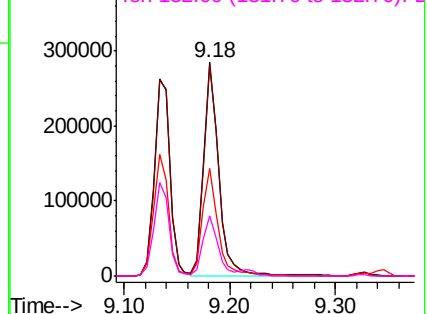


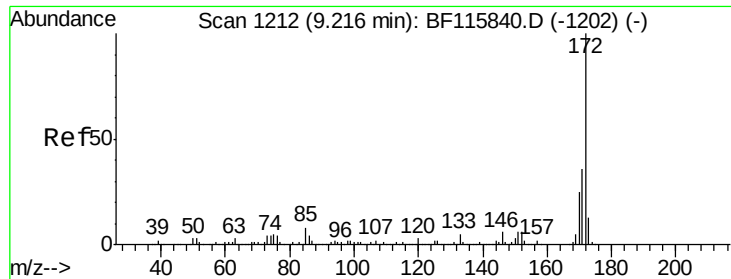
Abundance Ion 196.00 (195.70 to 196.70): E

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

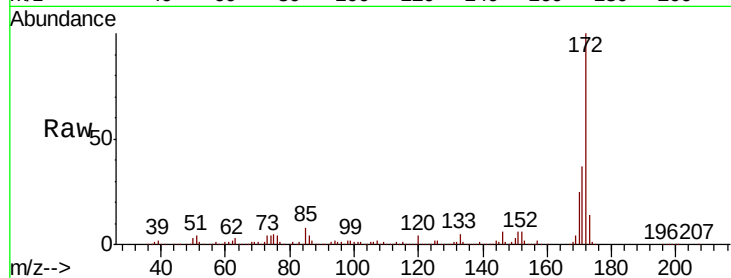




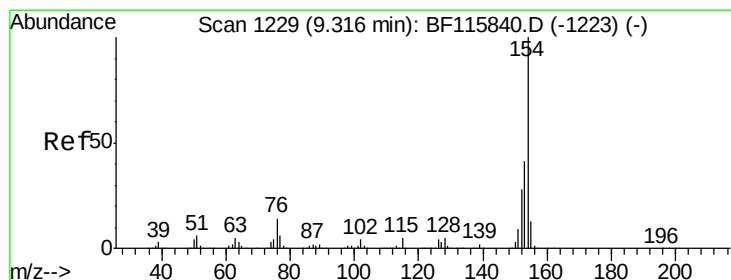
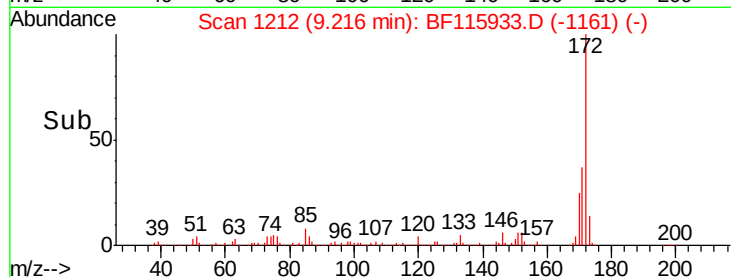
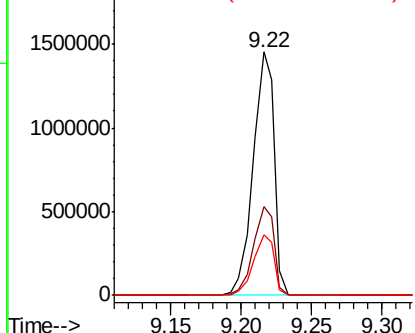
#45
2-Fluorobiphenyl
Concen: 81.681 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1526315
Ion Ratio Lower Upper
172 100
171 36.6 29.1 43.7
170 24.9 20.1 30.1

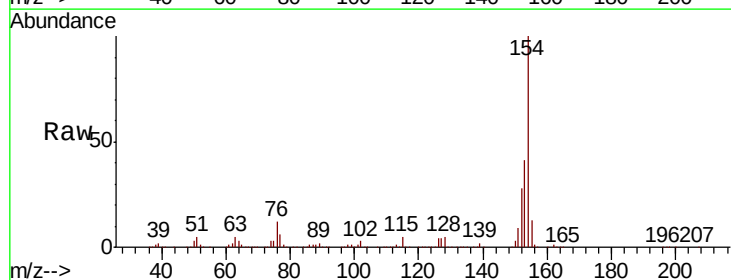


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

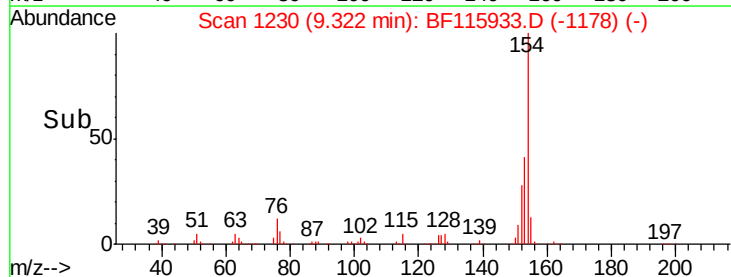
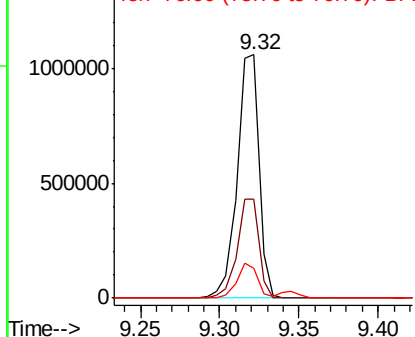


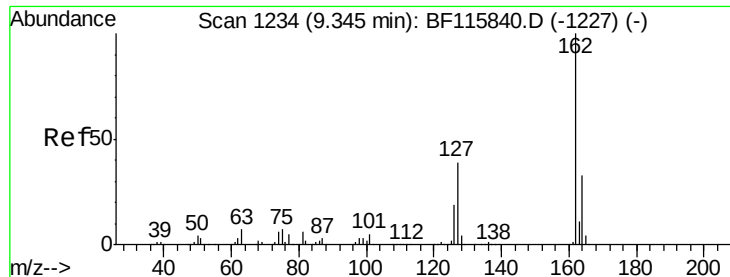
#46
1,1'-Biphenyl
Concen: 40.938 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Tgt Ion:154 Resp: 1011611
Ion Ratio Lower Upper
154 100
153 40.7 20.9 60.9
76 12.4 0.0 34.3



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

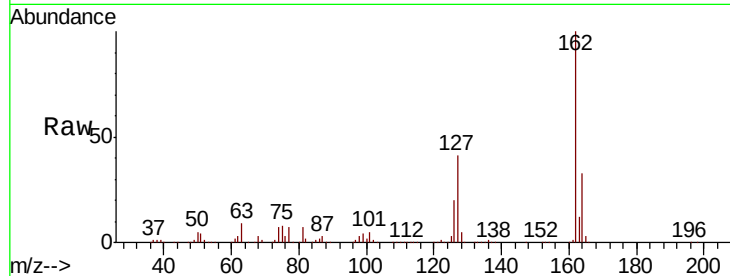




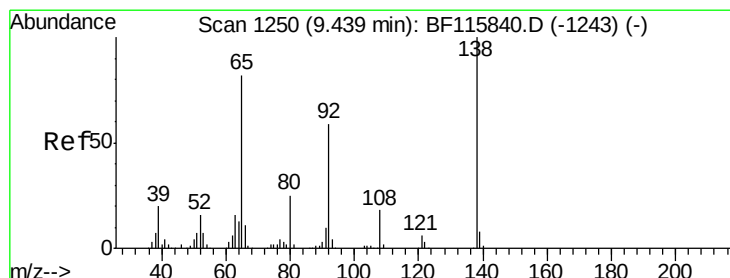
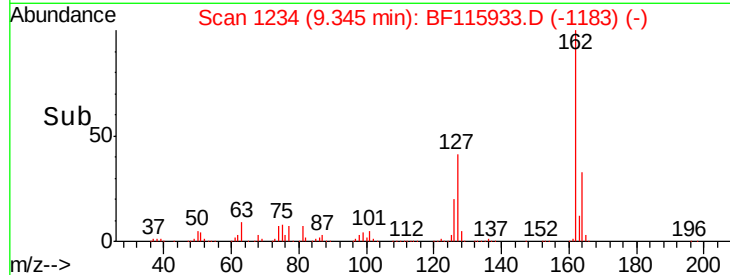
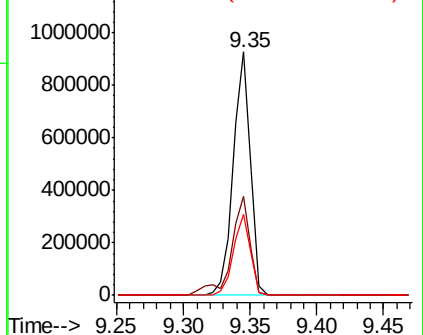
#47
 2-Chloronaphthalene
 Concen: 40.932 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115933.D
 Acq: 2 Aug 2019 9:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	841829
Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.3	46.9
164	33.2	26.6	40.0

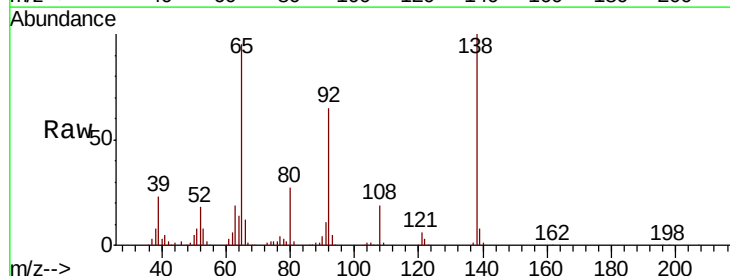


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

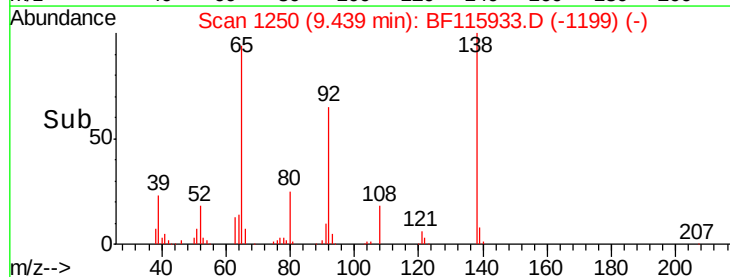
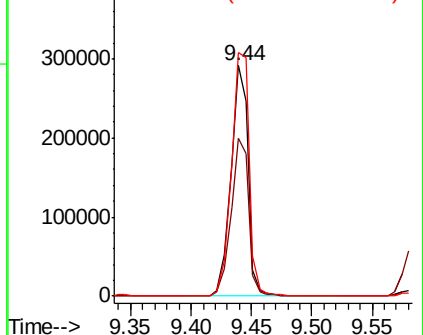


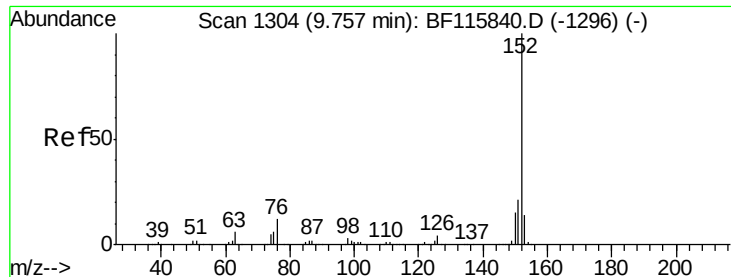
#48
 2-Nitroaniline
 Concen: 42.465 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115933.D
 Acq: 2 Aug 2019 9:03

Tgt Ion:	65	Resp:	288679
Ion	Ratio	Lower	Upper
65	100		
92	68.5	57.1	85.7
138	105.7	97.1	145.7



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: 42.255 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

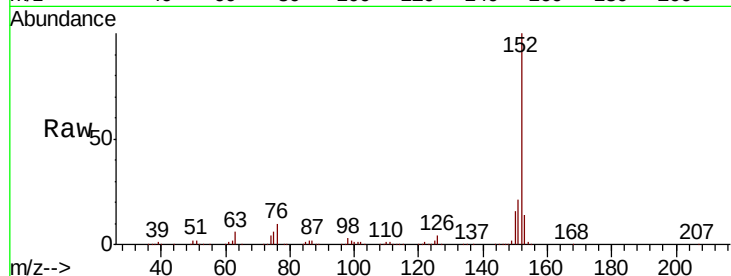
Tot Ion:152 Resp: 1267840

Ion Ratio Lower Upper

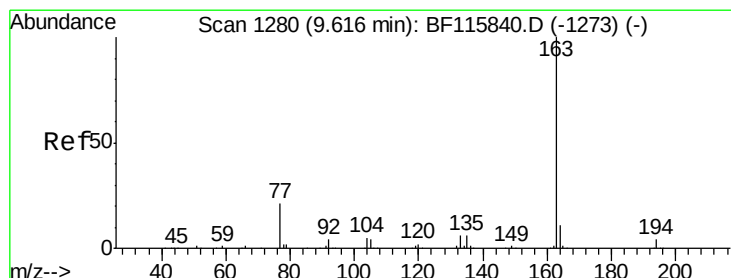
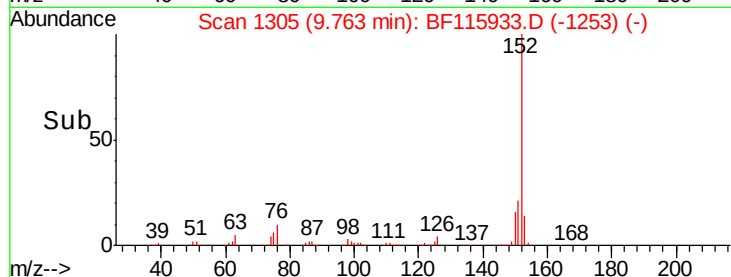
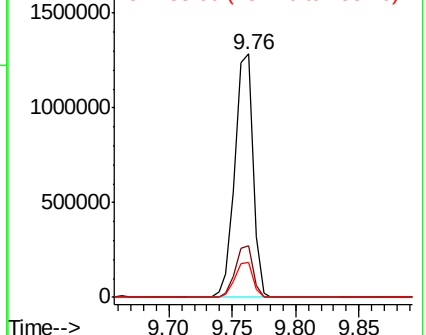
152 100

151 21.3 16.8 25.2

153 14.3 11.6 17.4



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



#50

Dimethylphthalate

Concen: 42.533 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

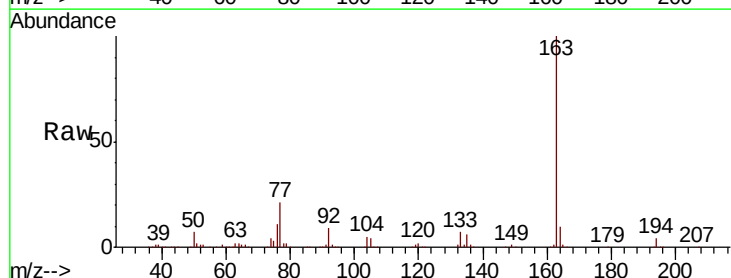
Tgt Ion:163 Resp: 1013624

Ion Ratio Lower Upper

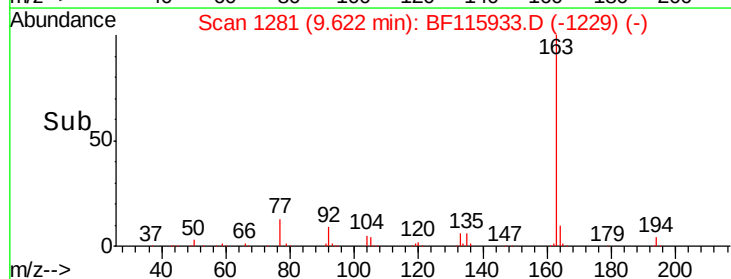
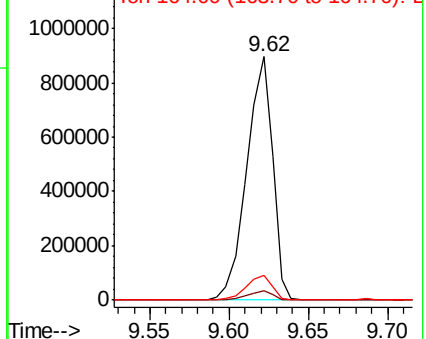
163 100

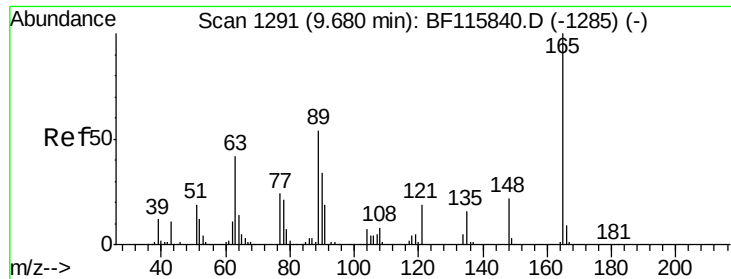
194 4.0 3.0 4.6

164 10.4 8.4 12.6



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

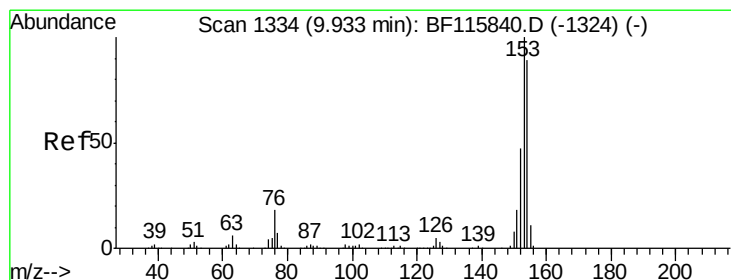
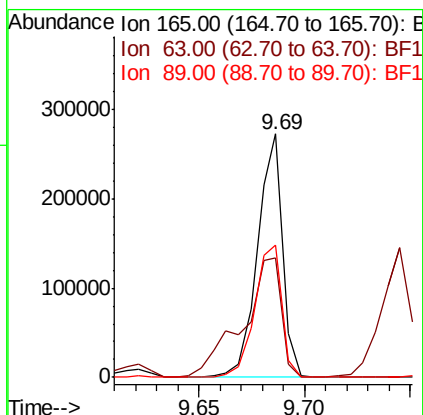
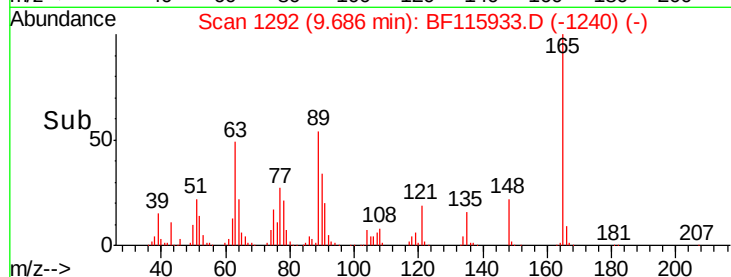
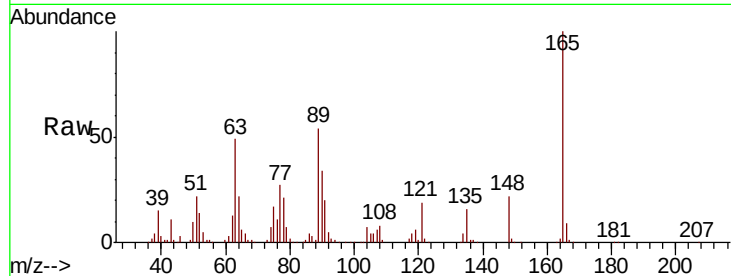




#51
 2,6-Dinitrotoluene
 Concen: 43.528 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: BF115933.D
 Acq: 2 Aug 2019 9:03

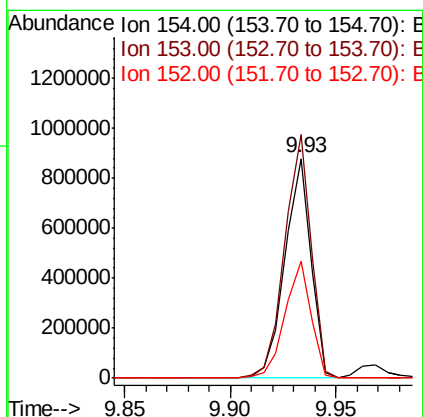
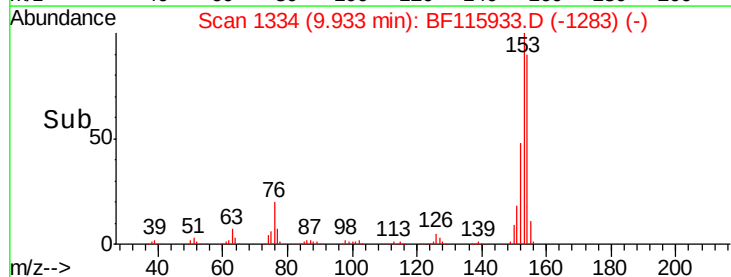
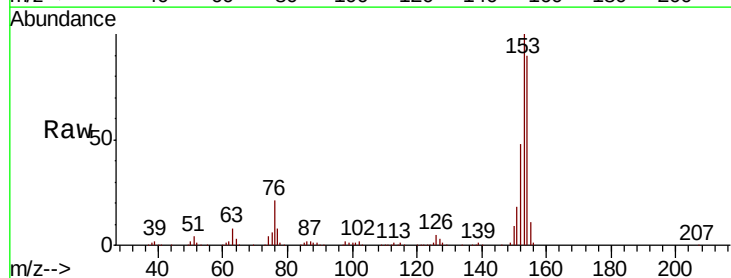
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

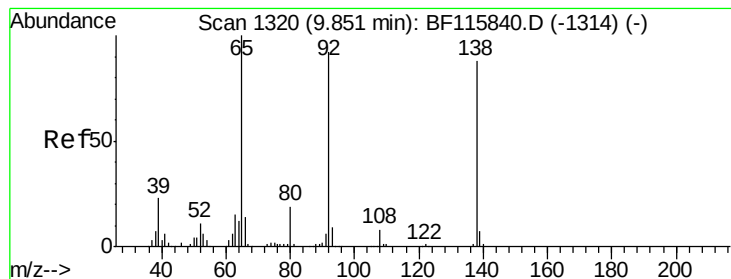
Tot Ion:165 Resp: 225433
 Ion Ratio Lower Upper
 165 100
 63 48.9 39.4 59.2
 89 54.1 43.0 64.6



#52
 Acenaphthene
 Concen: 41.322 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF115933.D
 Acq: 2 Aug 2019 9:03

Tgt Ion:154 Resp: 760625
 Ion Ratio Lower Upper
 154 100
 153 111.0 90.1 135.1
 152 53.2 42.6 63.8





#53

3-Nitroaniline

Concen: 41.682 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

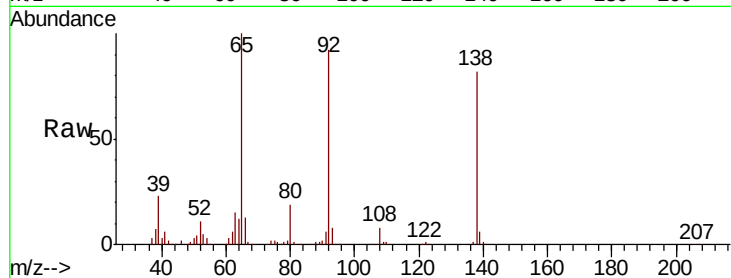
Tot Ion:138 Resp: 266741

Ion Ratio Lower Upper

138 100

108 10.0 7.4 11.2

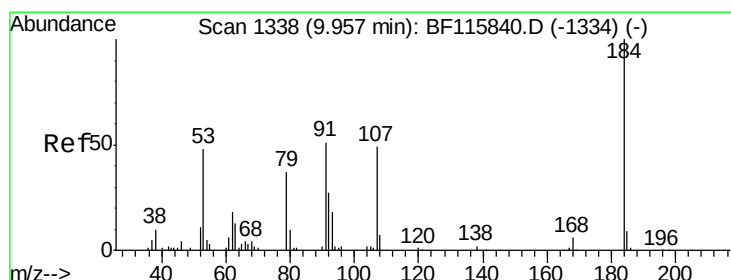
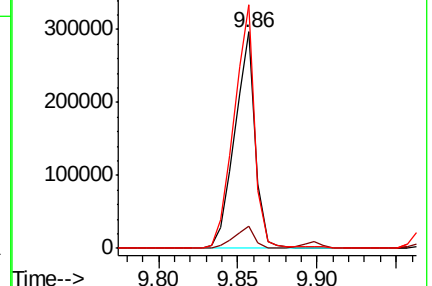
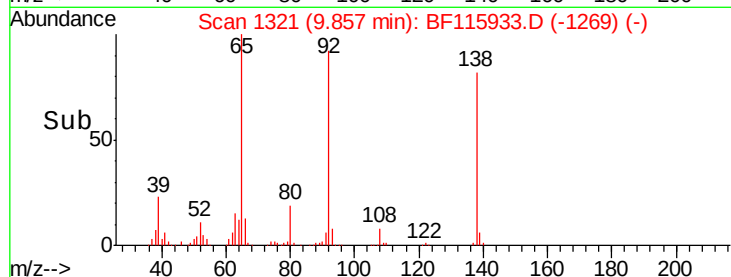
92 112.4 83.9 125.9



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: 38.988 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

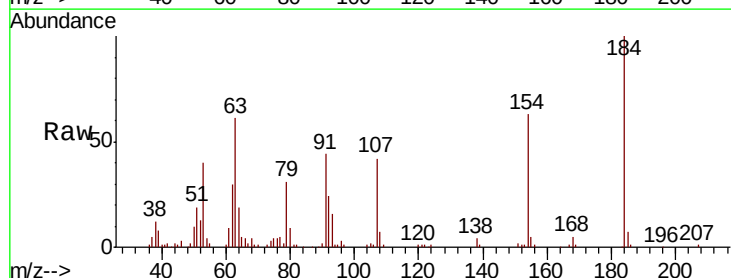
Tgt Ion:184 Resp: 91008

Ion Ratio Lower Upper

184 100

63 61.2 56.7 85.1

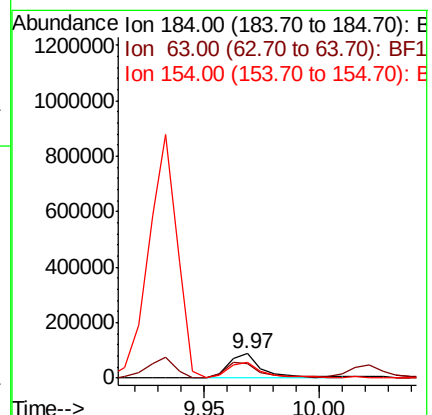
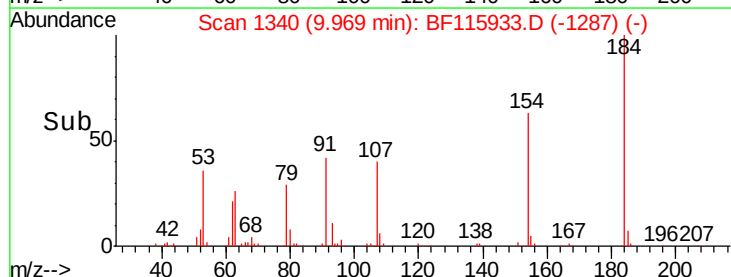
154 62.9 51.9 77.9

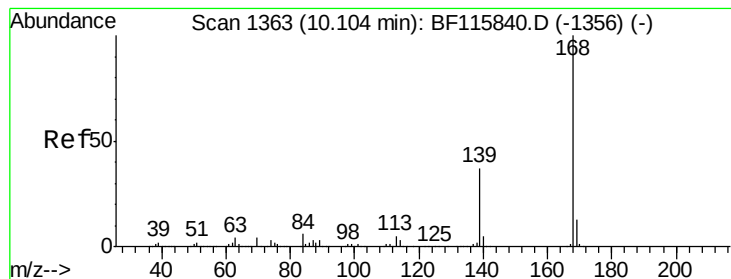


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 42.038 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

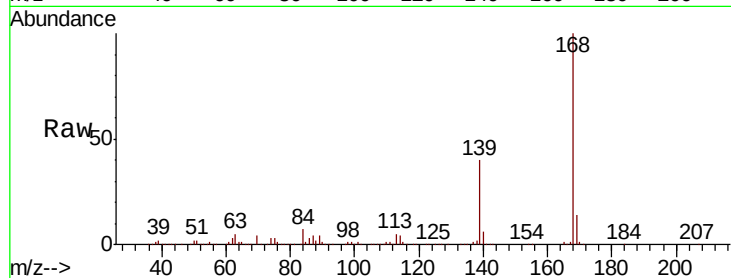
Tot Ion:168 Resp: 1125312

Ion Ratio Lower Upper

168 100

139 39.8 30.2 45.2

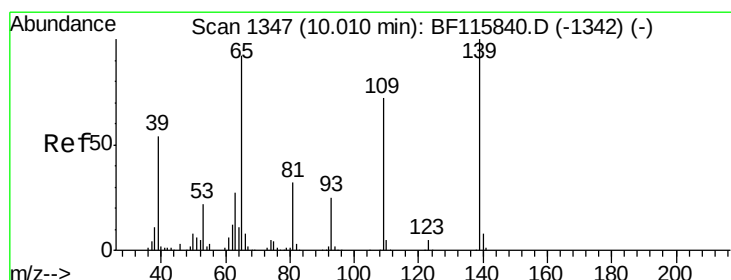
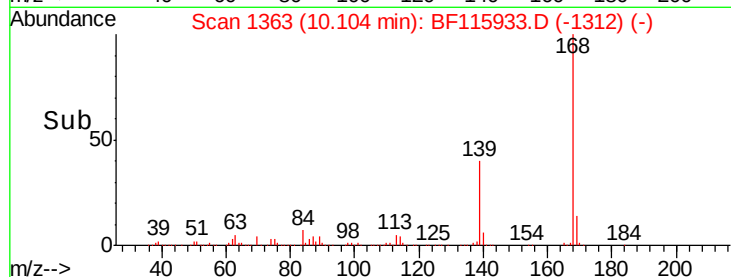
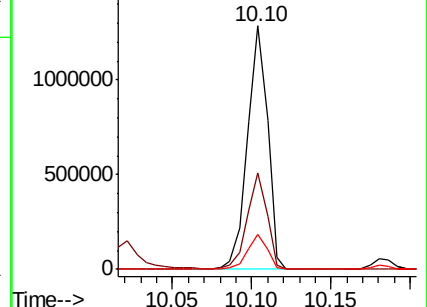
169 14.2 10.8 16.2



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: 41.448 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

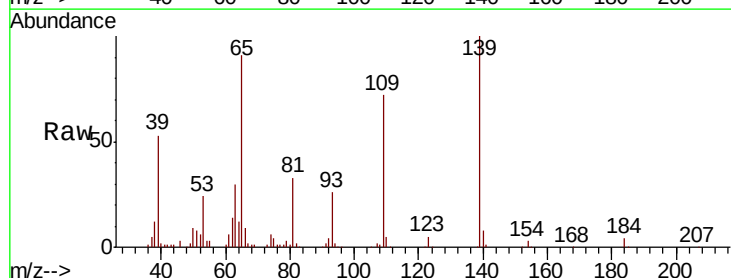
Tgt Ion:139 Resp: 169914

Ion Ratio Lower Upper

139 100

109 72.4 52.0 92.0

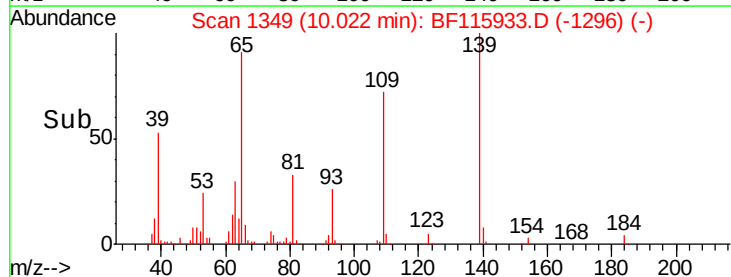
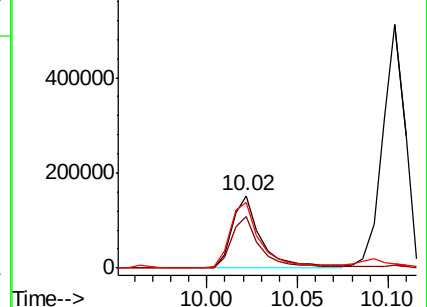
65 91.2 72.6 112.6

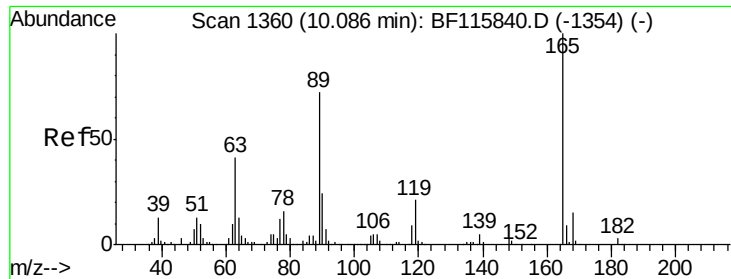


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

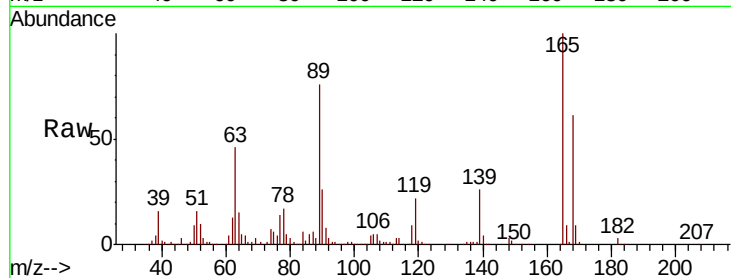




#57
2,4-Dinitrotoluene
Concen: 42.431 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.0	33.2	49.8
89	76.4	57.3	85.9
182	2.6	2.1	3.1



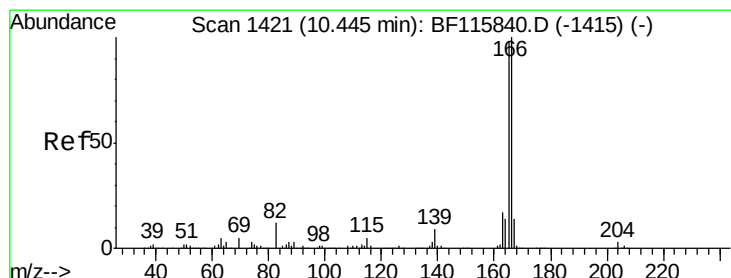
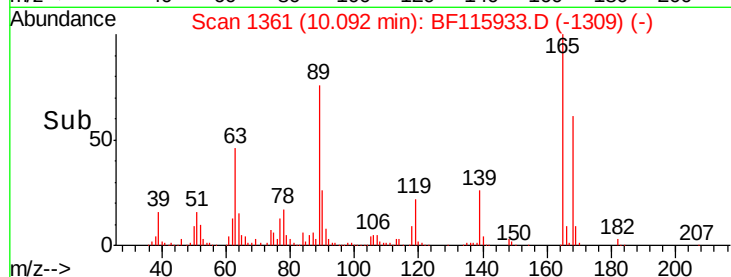
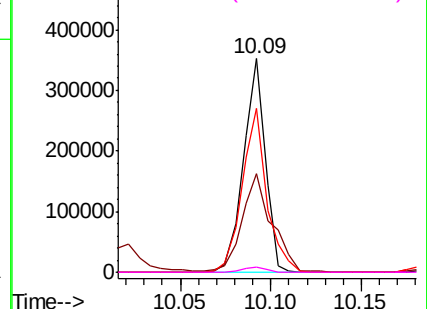
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

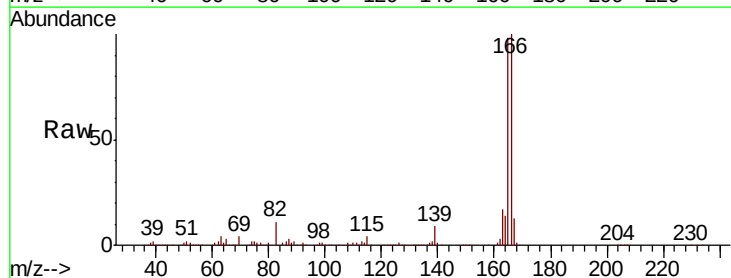
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.662 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	118.0
167	13.3	10.9	16.3

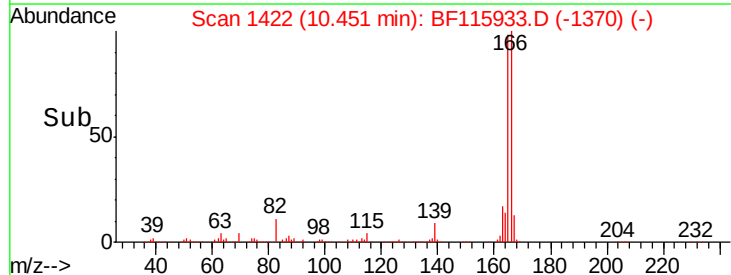
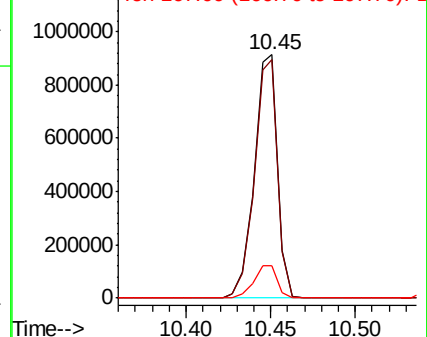


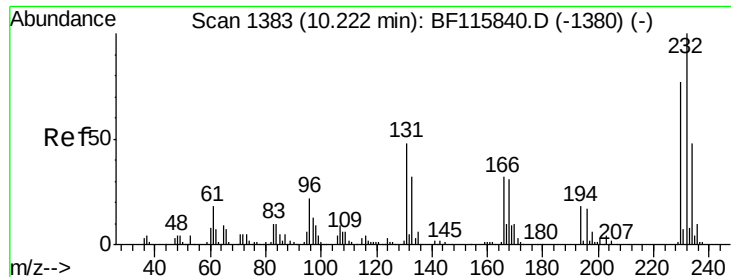
Abundance

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

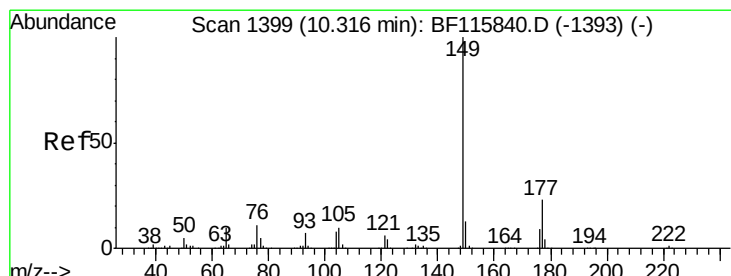
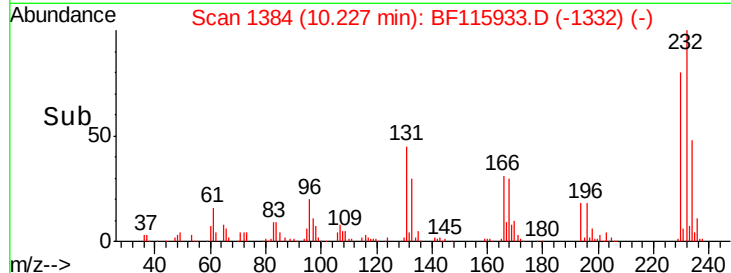
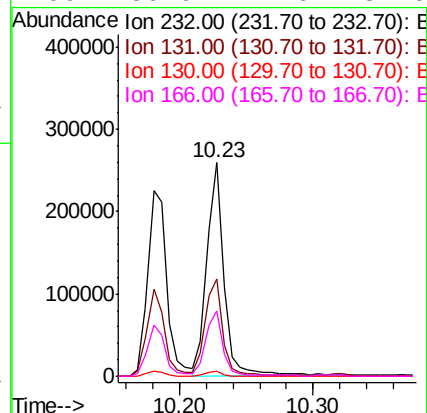
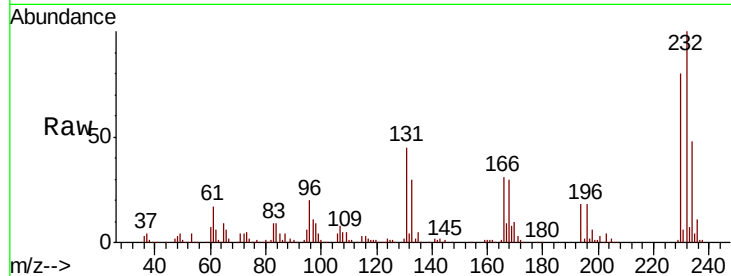




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.703 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115933.D
 Acq: 2 Aug 2019 9:03

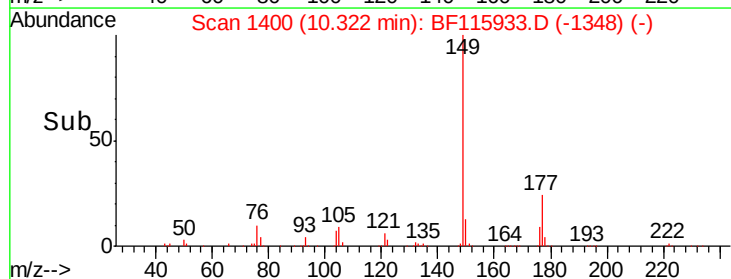
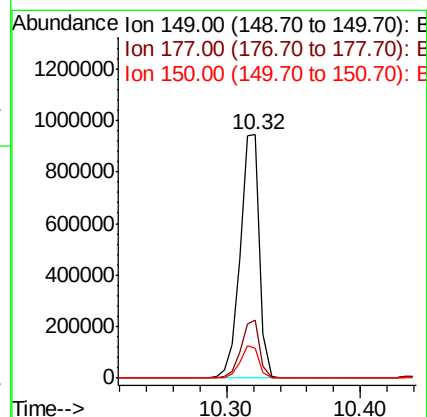
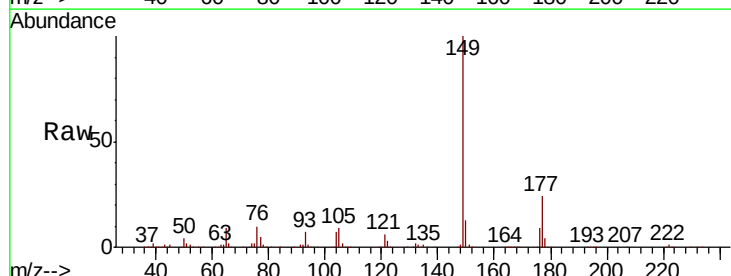
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

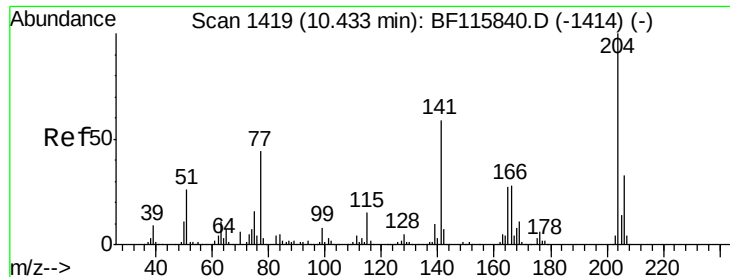
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.5	37.6	56.4
130	2.4	1.8	2.8
166	30.9	24.6	37.0



#60
 Diethylphthalate
 Concen: 42.780 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF115933.D
 Acq: 2 Aug 2019 9:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.4	27.6
150	12.5	10.1	15.1

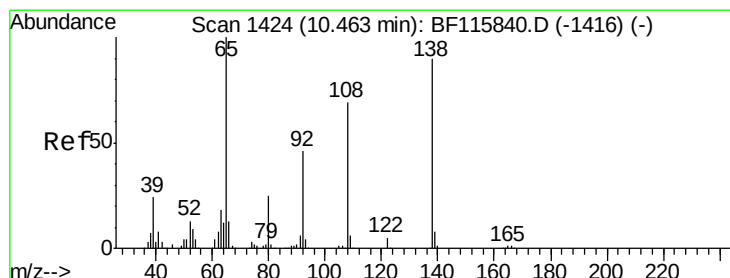
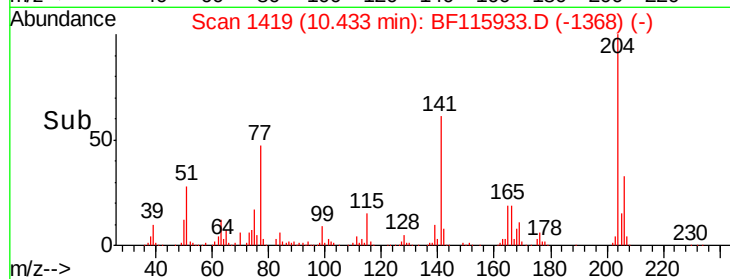
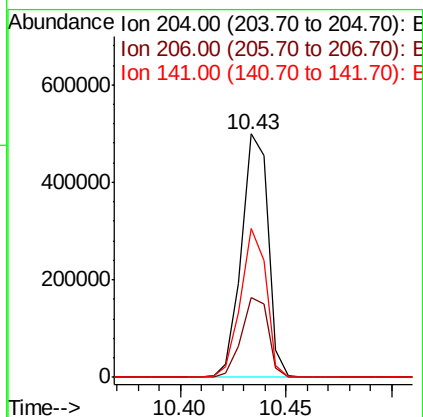
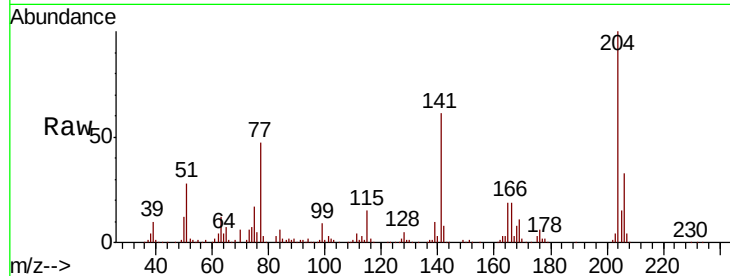




#61
4-Chlorophenyl-phenylether
Concen: 41.940 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

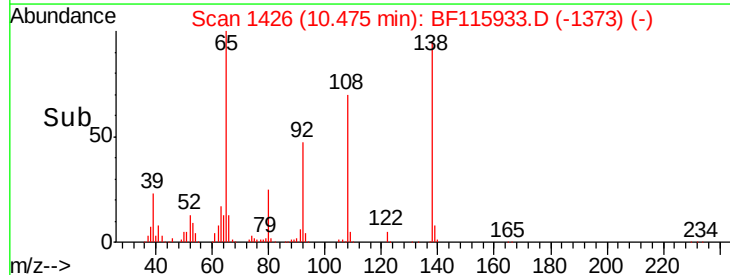
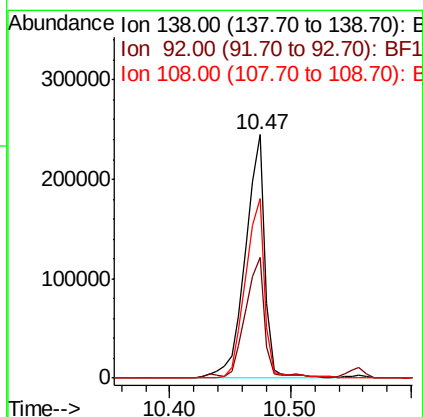
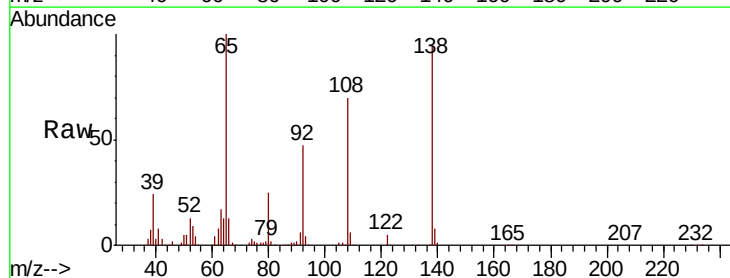
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

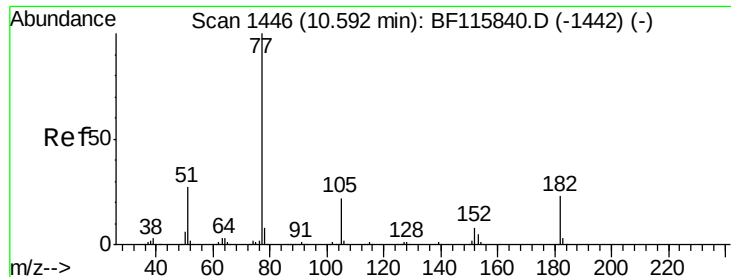
Tot Ion:204 Resp: 437459
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 61.1 47.0 70.4



#62
4-Nitroaniline
Concen: 41.975 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Tgt Ion:138 Resp: 277595
Ion Ratio Lower Upper
138 100
92 49.6 31.0 71.0
108 73.6 56.7 96.7





#63

Azobenzene

Concen: 42.713 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 977511

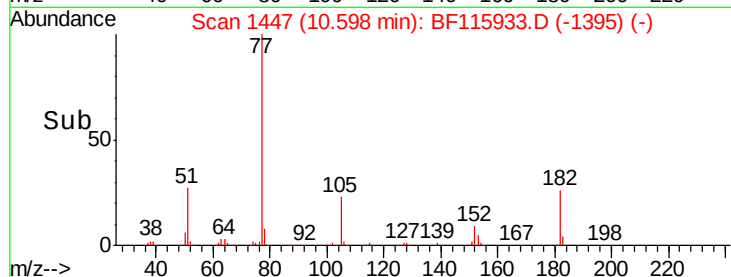
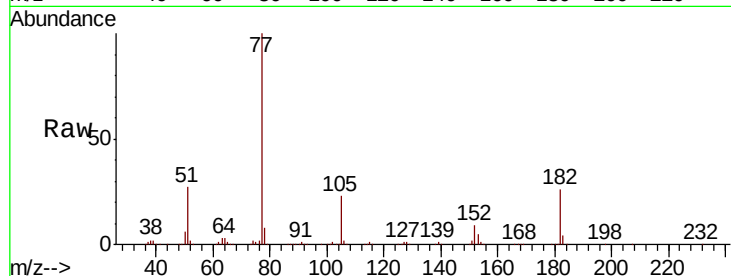
Ion Ratio Lower Upper

77 100

182 25.9 2.6 42.6

105 22.6 1.6 41.6

51 26.9 7.4 47.4

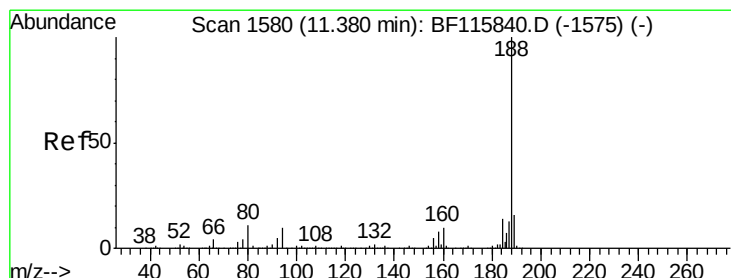
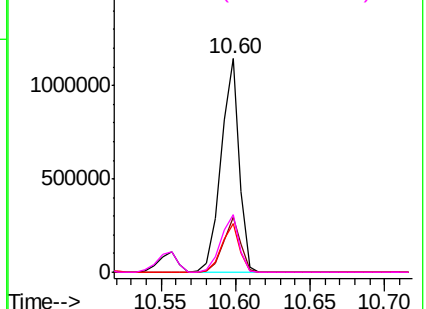


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

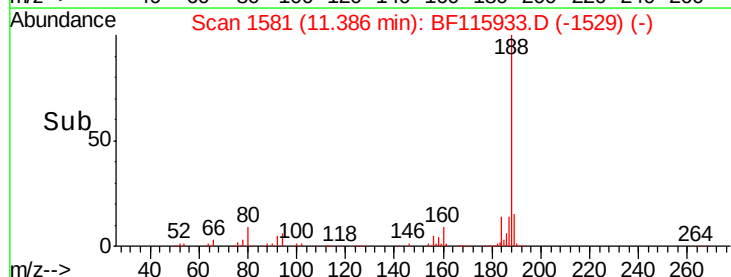
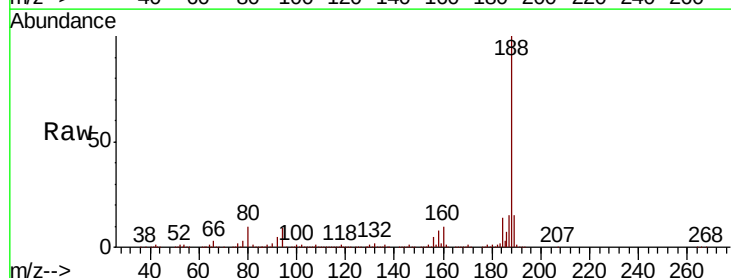
Tgt Ion: 188 Resp: 678689

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

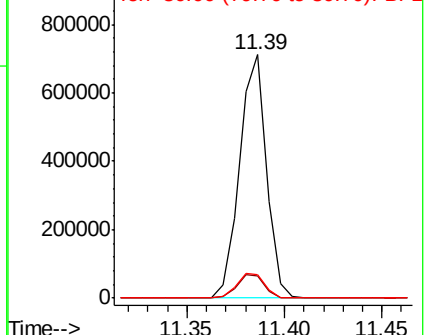
80 9.7 8.6 12.8

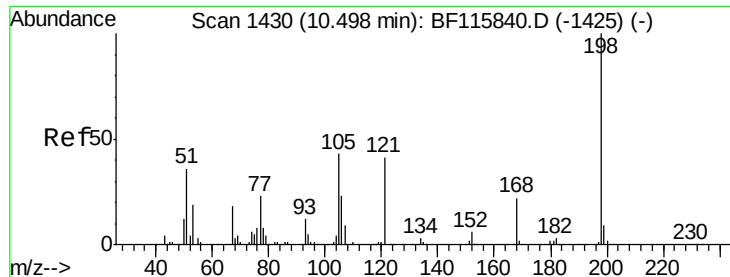


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

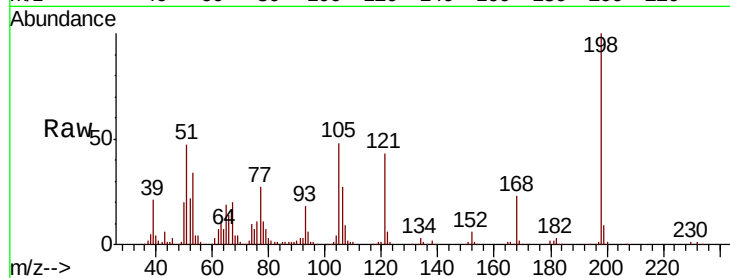




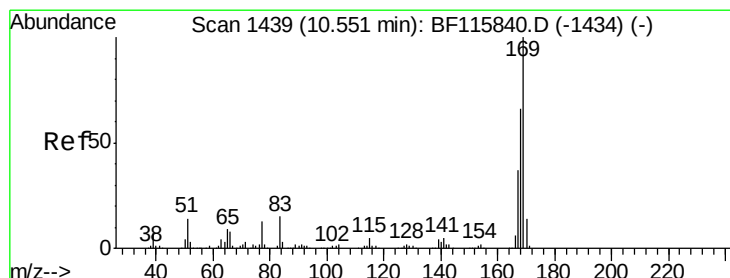
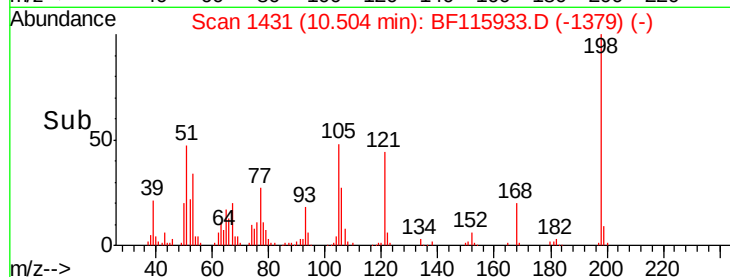
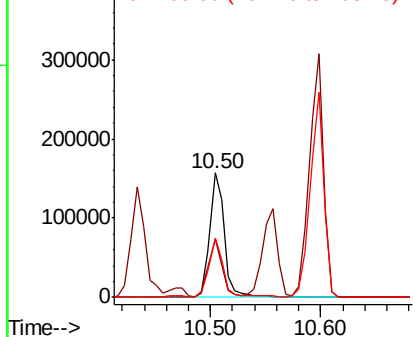
#65
4,6-Dinitro-2-methylphenol
Concen: 39.320 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 141419
Ion Ratio Lower Upper
198 100
51 46.6 21.1 61.1
105 47.8 24.5 64.5

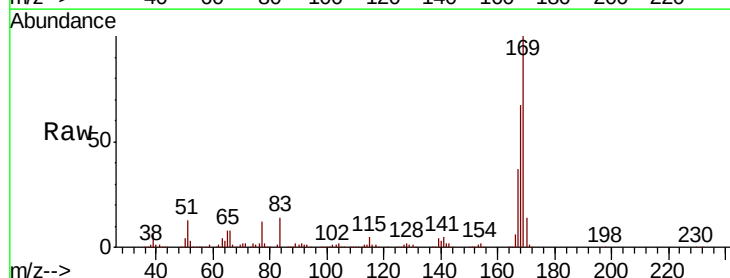


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

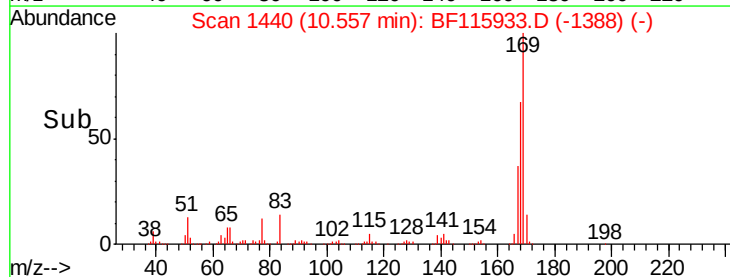
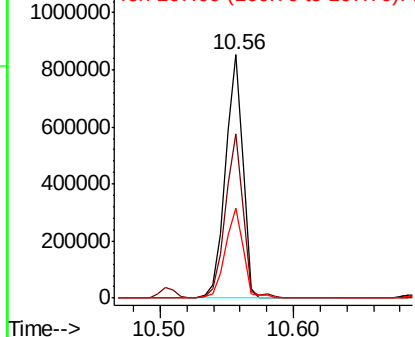


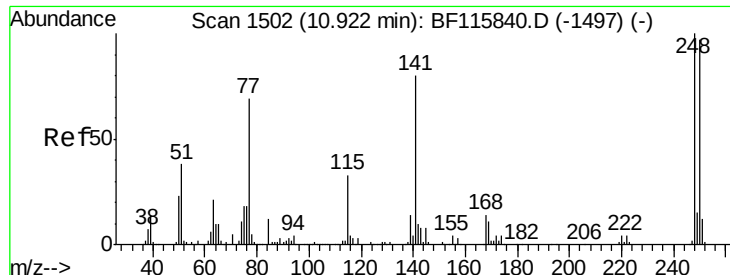
#66
n-Nitrosodiphenylamine
Concen: 38.569 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Tgt Ion:169 Resp: 787879
Ion Ratio Lower Upper
169 100
168 67.3 53.0 79.6
167 37.1 29.9 44.9



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

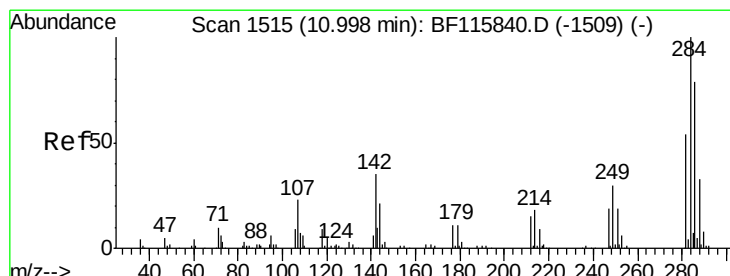
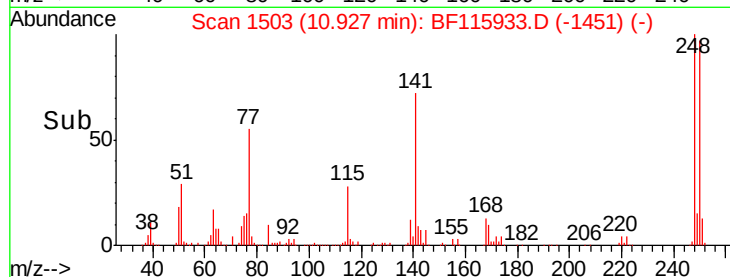
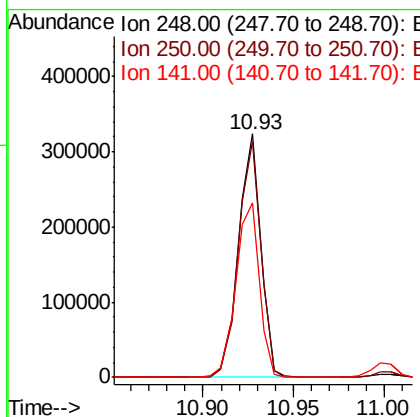
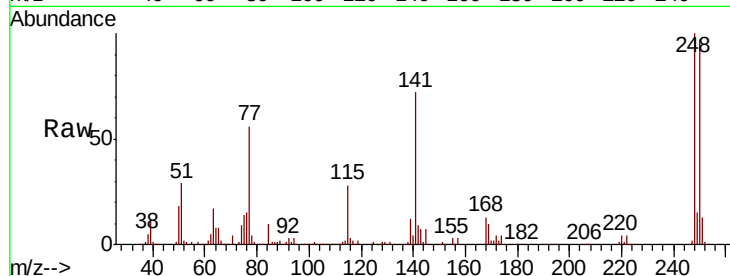




#67
 4-Bromophenyl-phenylether
 Concen: 38.145 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BF115933.D
 Acq: 2 Aug 2019 9:03

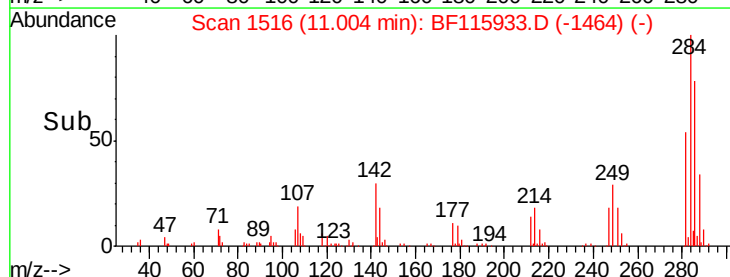
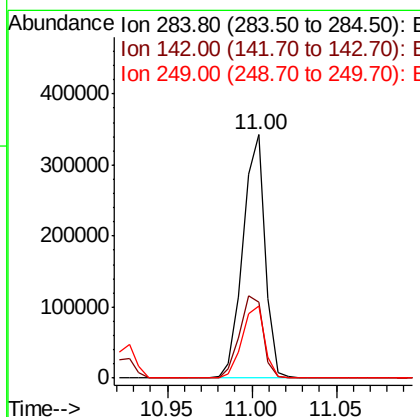
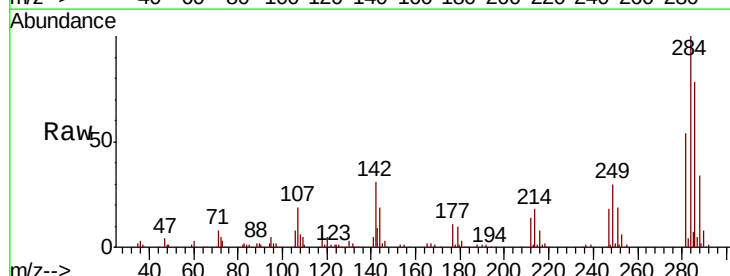
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

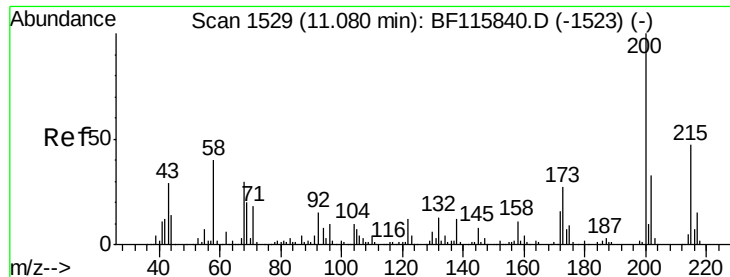
Tot Ion:248 Resp: 277140
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.8 116.6
 141 71.8 64.3 96.5



#68
 Hexachlorobenzene
 Concen: 37.447 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: BF115933.D
 Acq: 2 Aug 2019 9:03

Tgt Ion:284 Resp: 314598
 Ion Ratio Lower Upper
 284 100
 142 30.9 28.2 42.2
 249 29.8 24.0 36.0

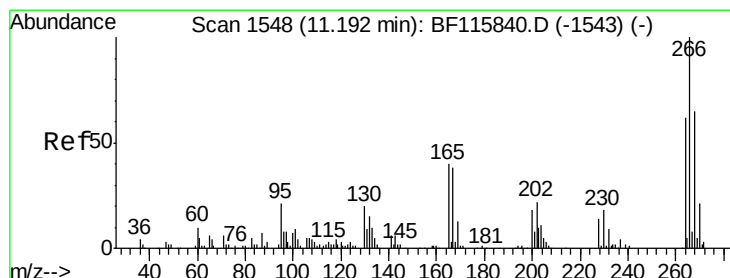
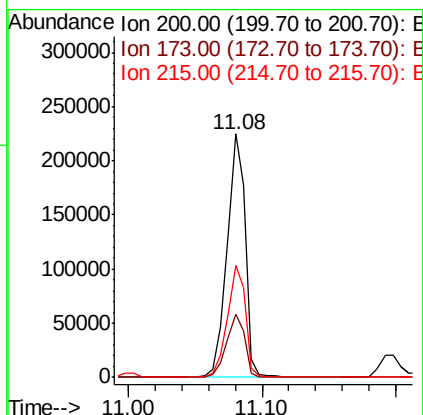
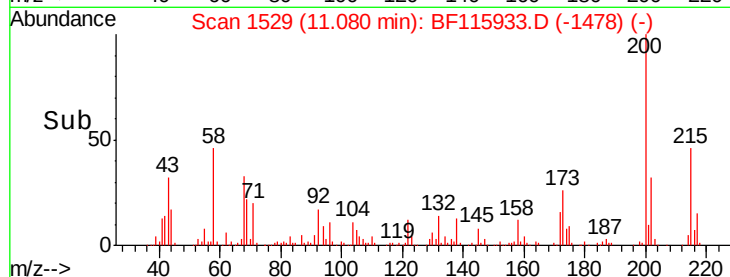
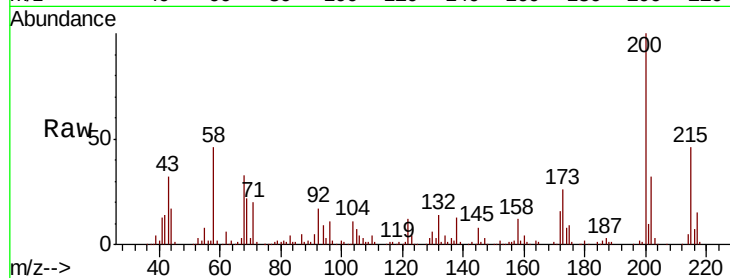




#69
 Atrazine
 Concen: 32.248 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115933.D
 Acq: 2 Aug 2019 9:03

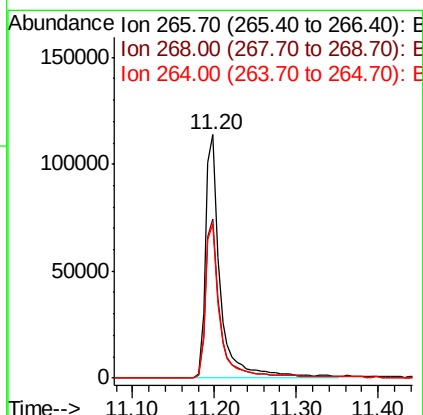
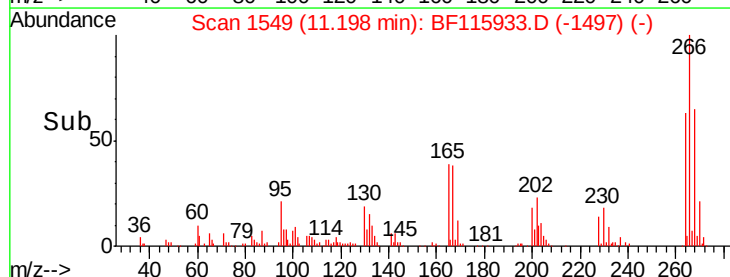
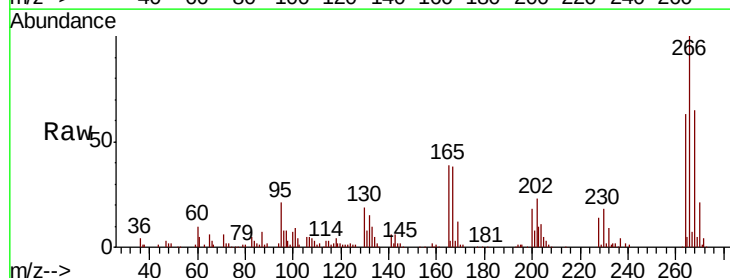
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

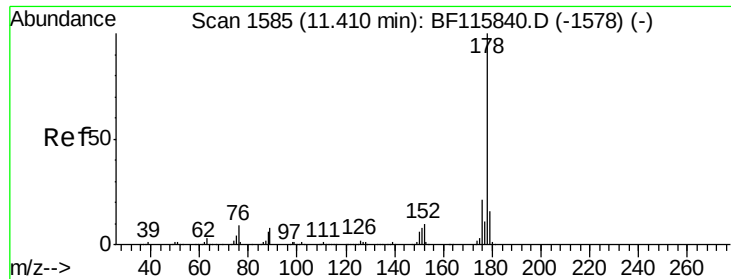
Tot Ion:200 Resp: 216720
 Ion Ratio Lower Upper
 200 100
 173 26.2 7.3 47.3
 215 46.0 26.9 66.9



#70
 Pentachlorophenol
 Concen: 35.510 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF115933.D
 Acq: 2 Aug 2019 9:03

Tgt Ion:266 Resp: 144839
 Ion Ratio Lower Upper
 266 100
 268 65.5 51.6 77.4
 264 63.1 49.4 74.0

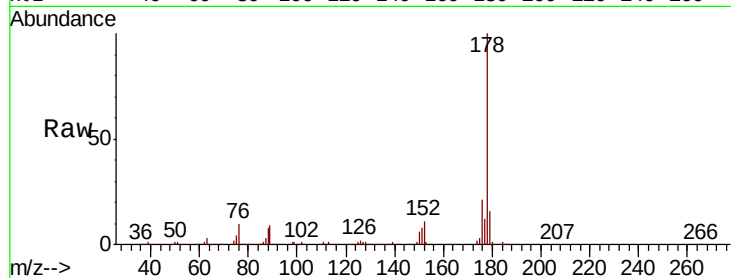




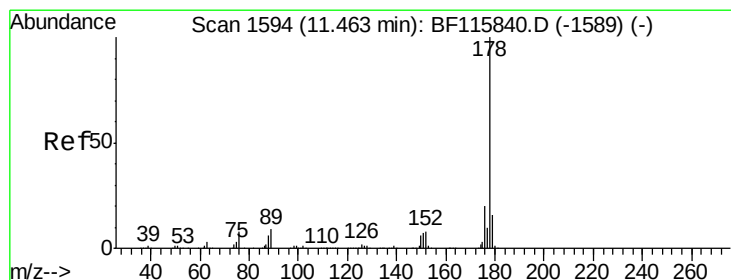
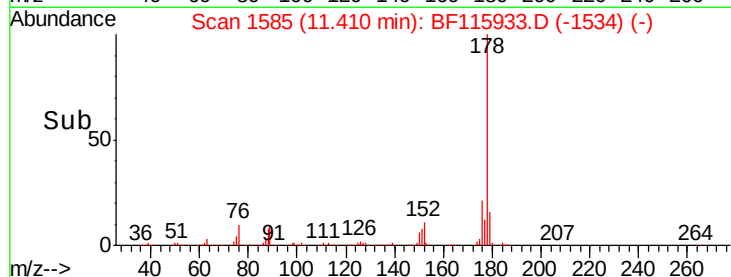
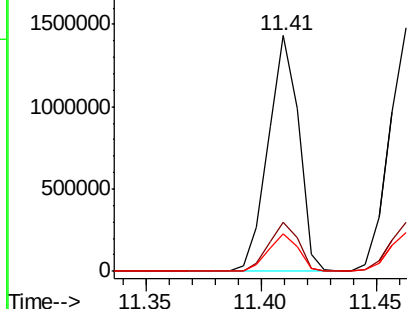
#71
Phenanthrene
Concen: 37.825 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1312388
Ion Ratio Lower Upper
178 100
176 20.6 16.5 24.7
179 16.2 12.6 18.8

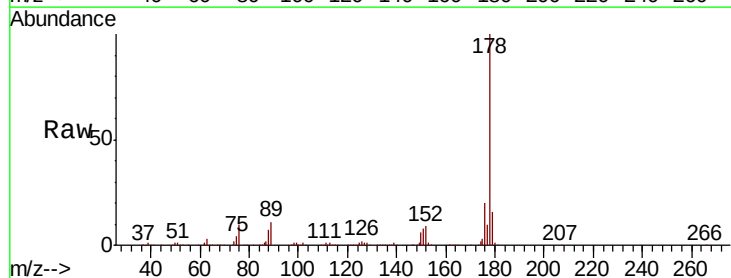


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

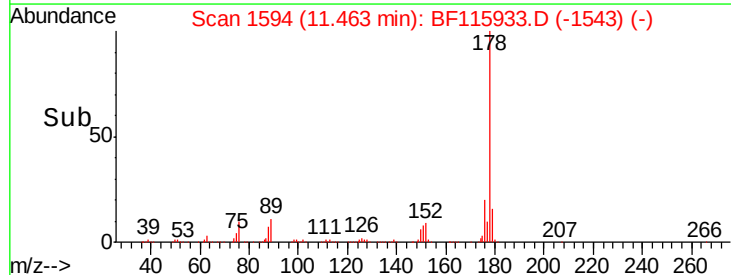
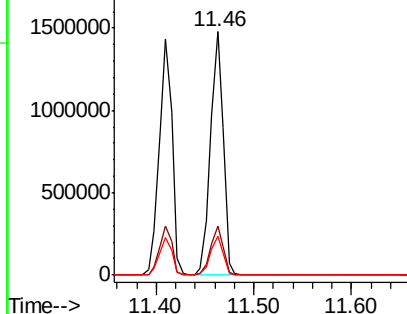


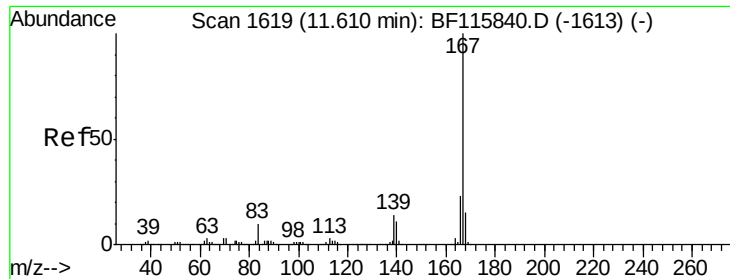
#72
Anthracene
Concen: 38.479 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Tgt Ion:178 Resp: 1351153
Ion Ratio Lower Upper
178 100
176 20.2 15.7 23.5
179 16.0 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

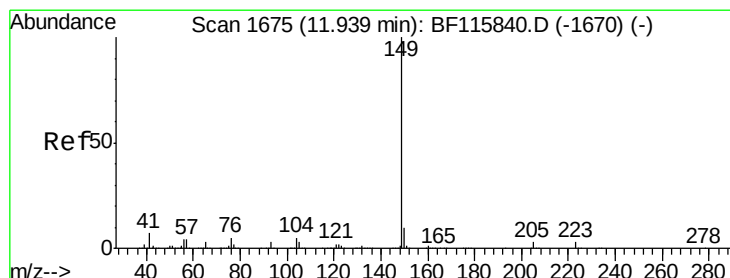
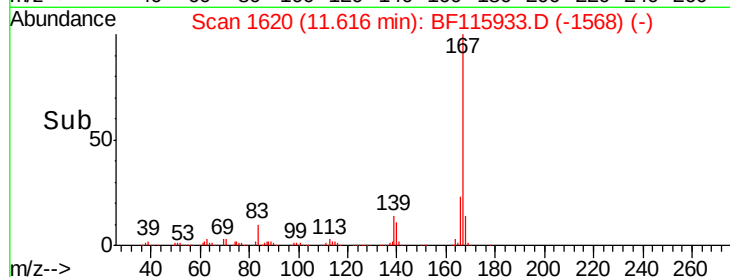
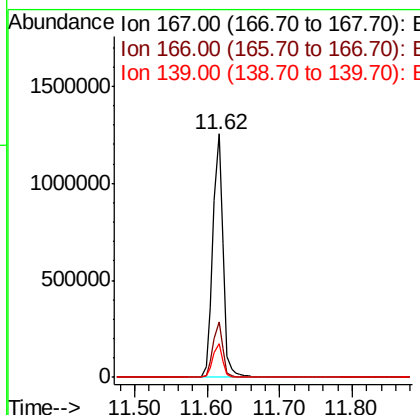
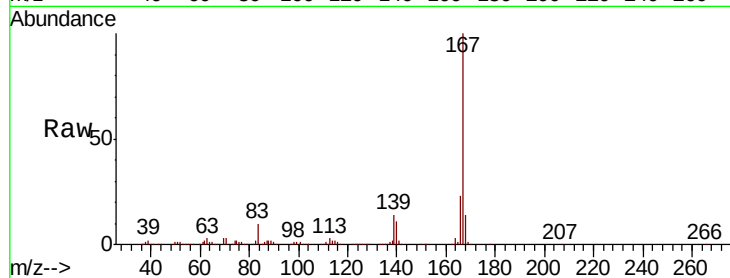




#73
 Carbazole
 Concen: 38.798 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115933.D
 Acq: 2 Aug 2019 9:03

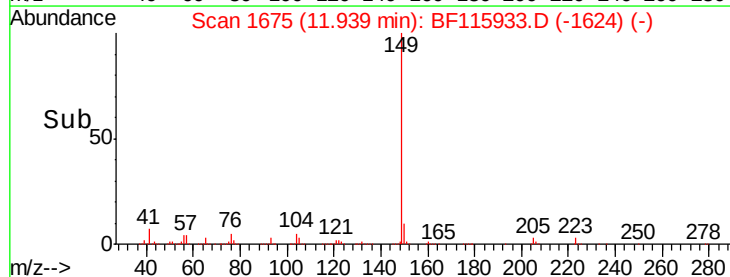
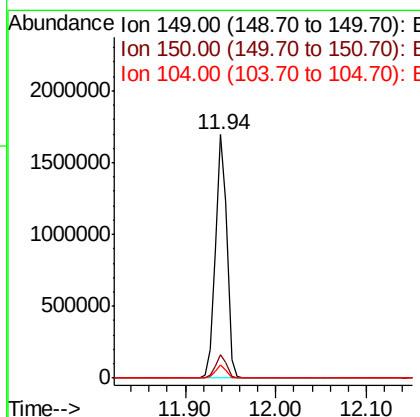
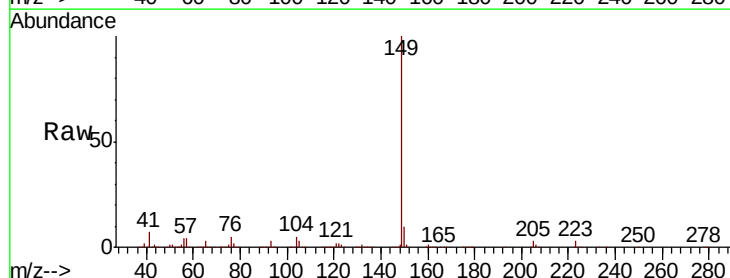
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

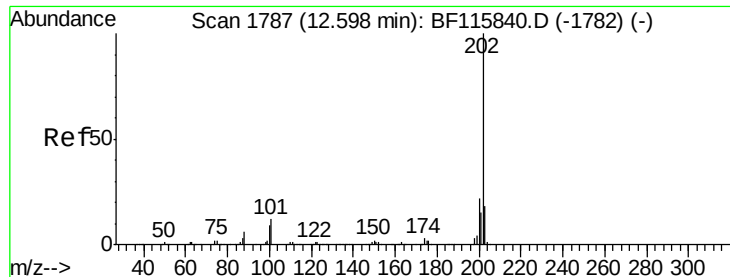
Tot Ion:167 Resp: 1235983
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 14.1 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 39.667 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115933.D
 Acq: 2 Aug 2019 9:03

Tgt Ion:149 Resp: 1474132
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.5 4.3 6.5





#75

Fluoranthene

Concen: 38.271 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

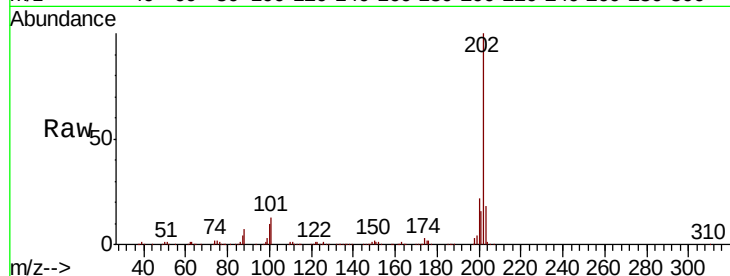
Tot Ion:202 Resp: 1390126

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	31.5
203	18.5	0.0	37.9

202 100

101 13.3 0.0 31.5

203 18.5 0.0 37.9

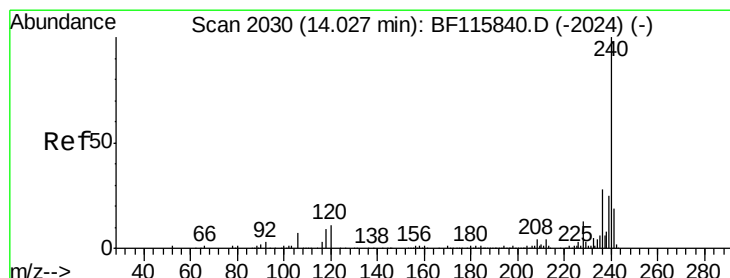
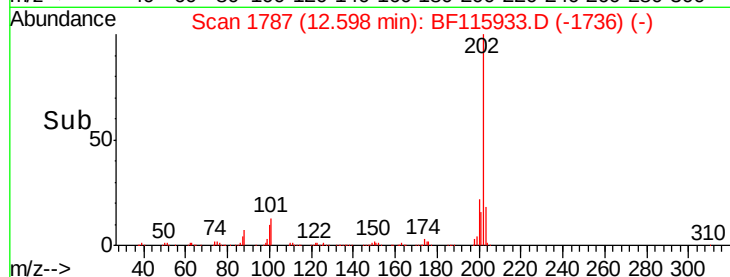
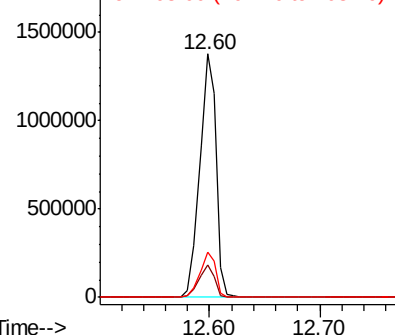


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

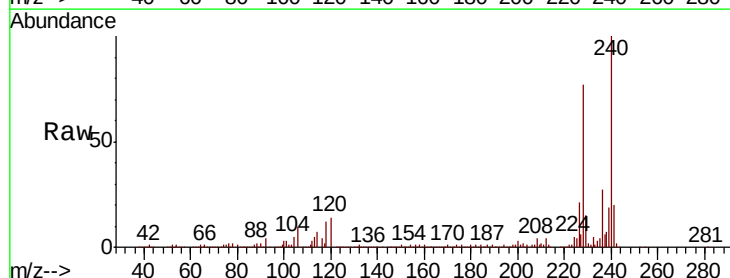
Tgt Ion:240 Resp: 457206

Ion	Ratio	Lower	Upper
240	100		
120	13.6	8.5	12.7#
236	27.5	22.2	33.2

240 100

120 13.6 8.5 12.7#

236 27.5 22.2 33.2

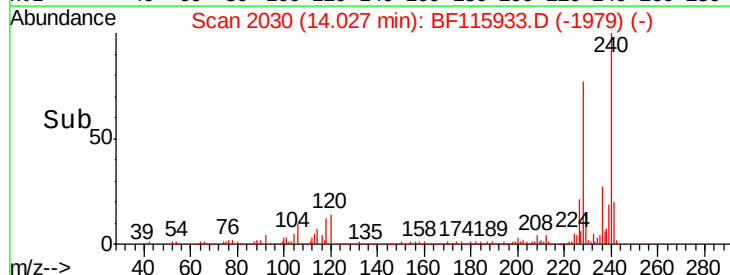
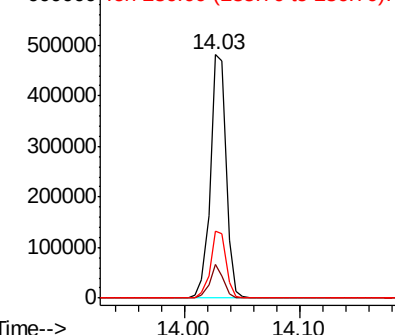


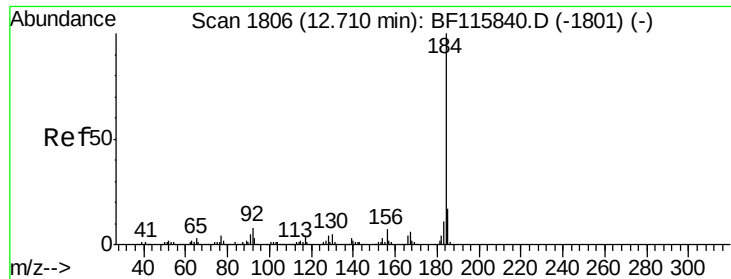
Abundance

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: 40.332 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

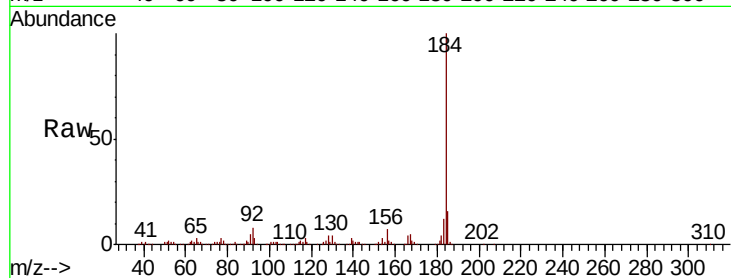
Tot Ion:184 Resp: 622975

Ion Ratio Lower Upper

184 100

185 15.9 13.4 20.2

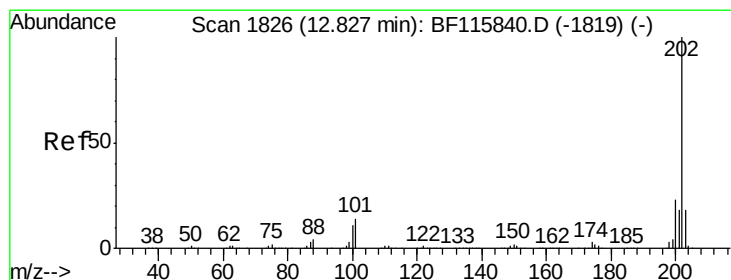
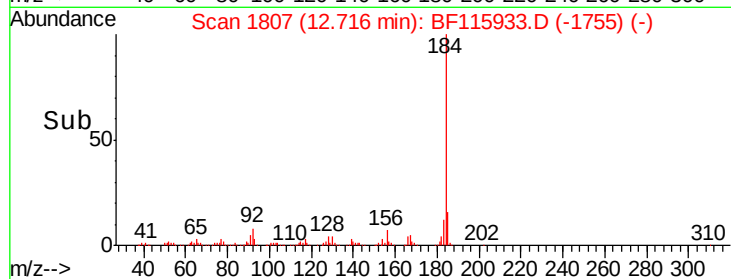
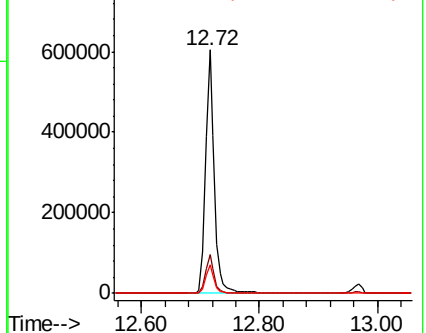
183 11.9 9.1 13.7



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: 40.899 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

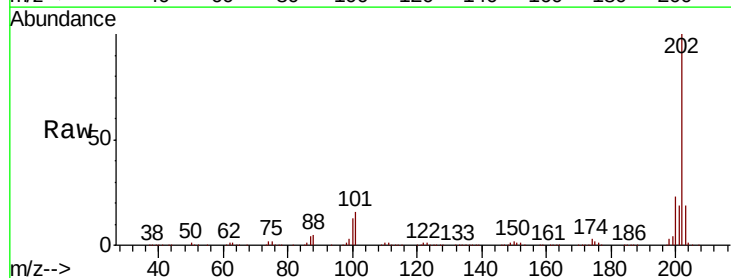
Tgt Ion:202 Resp: 1409569

Ion Ratio Lower Upper

202 100

200 23.1 18.2 27.2

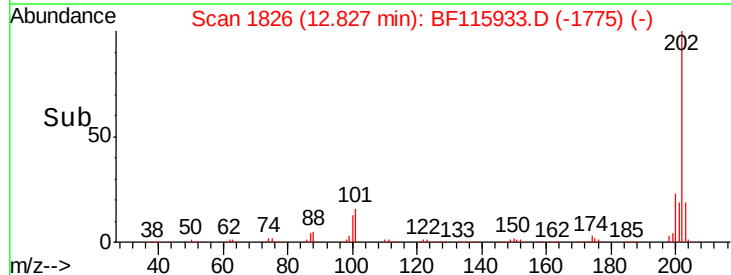
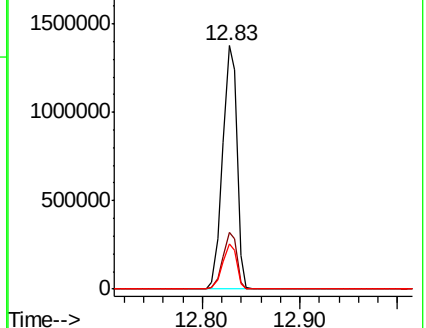
203 18.5 14.3 21.5

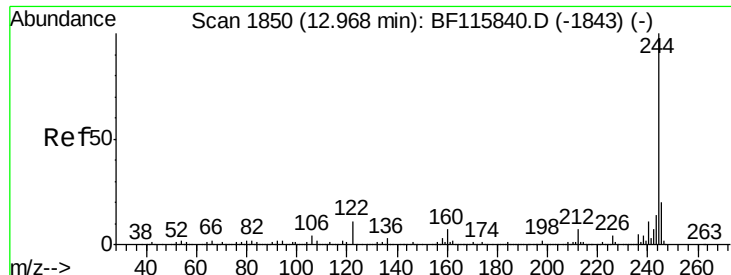


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.254 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

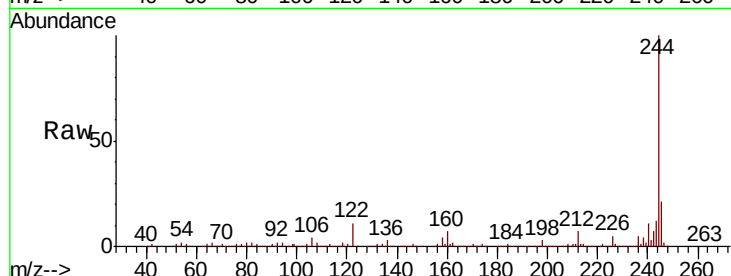
Tot Ion:244 Resp: 1741332

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

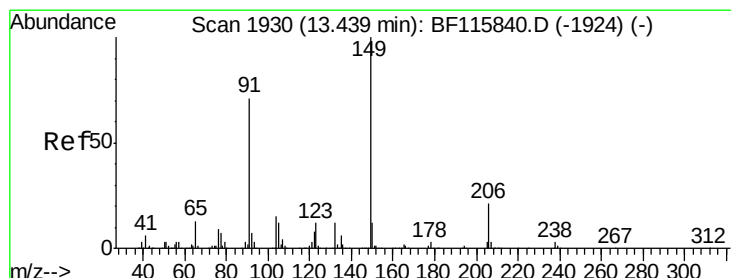
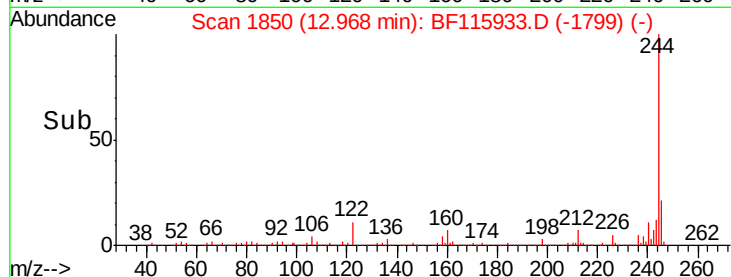
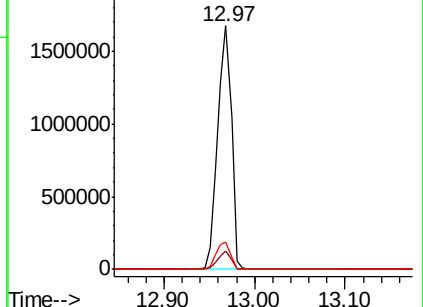
122 11.4 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.204 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

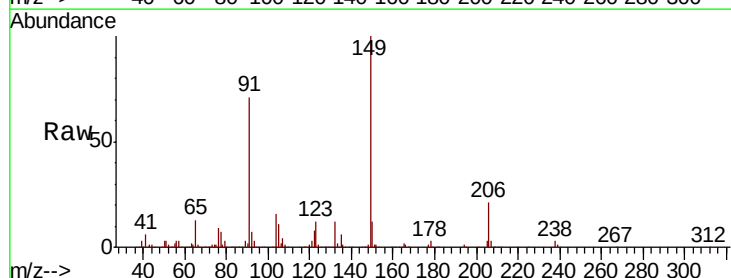
Tgt Ion:149 Resp: 629857

Ion Ratio Lower Upper

149 100

91 71.2 57.0 85.6

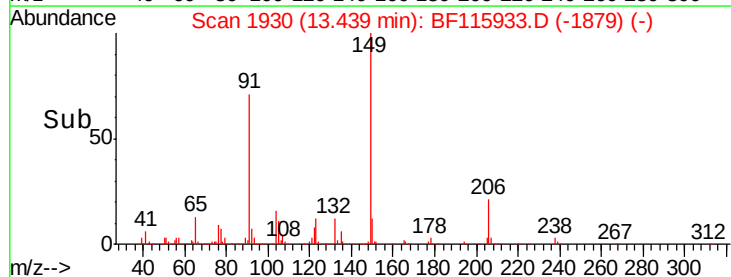
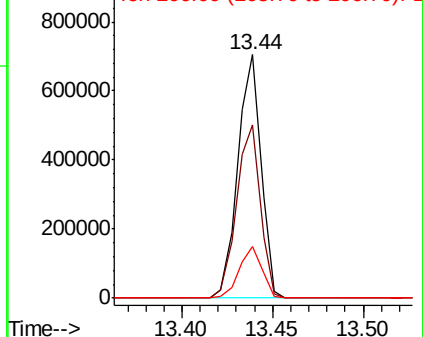
206 21.1 16.9 25.3

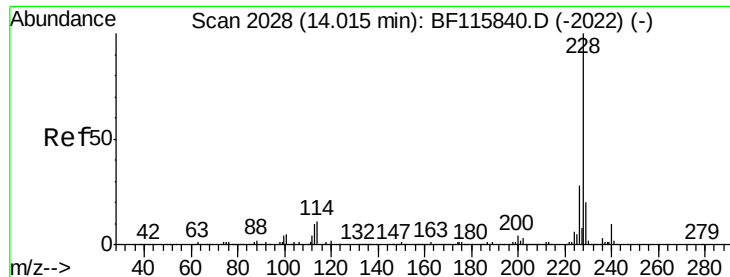


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.728 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

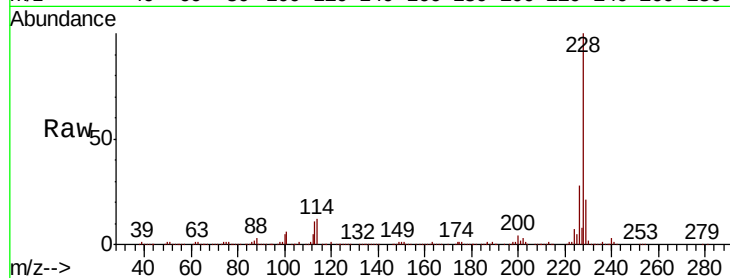
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1190198

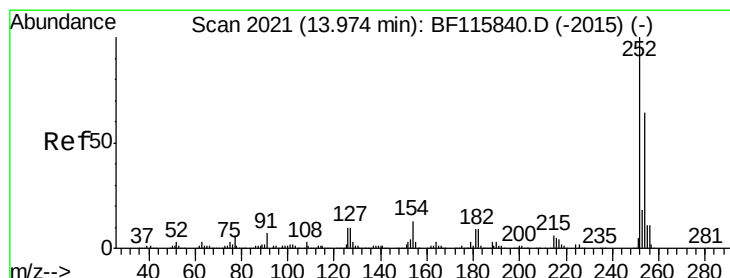
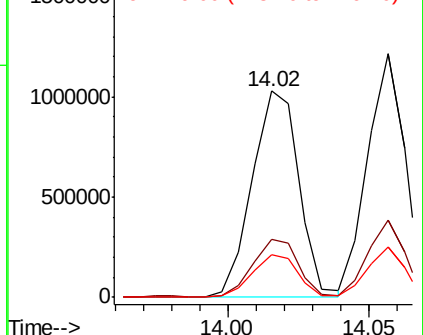
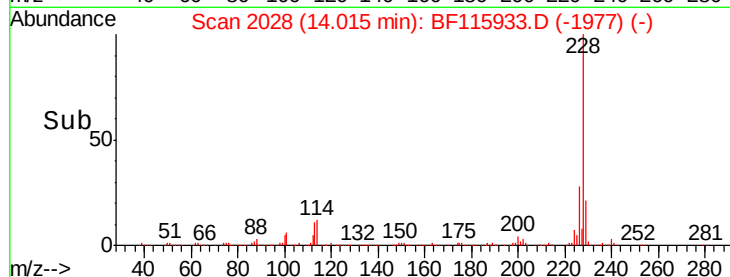
Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.5	33.7
229	20.7	16.1	24.1



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: 39.585 ng

RT: 13.97 min Scan# 2021

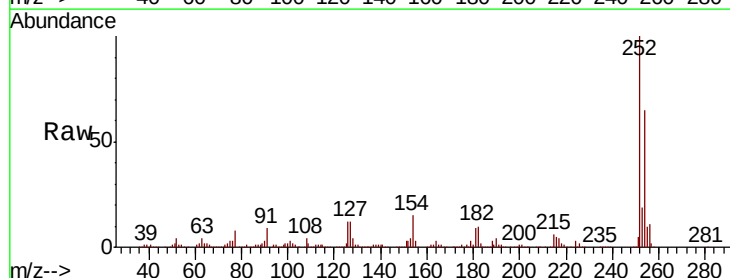
Delta R.T. 0.00 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Tgt Ion:252 Resp: 401894

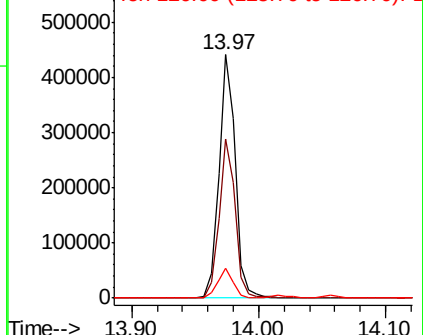
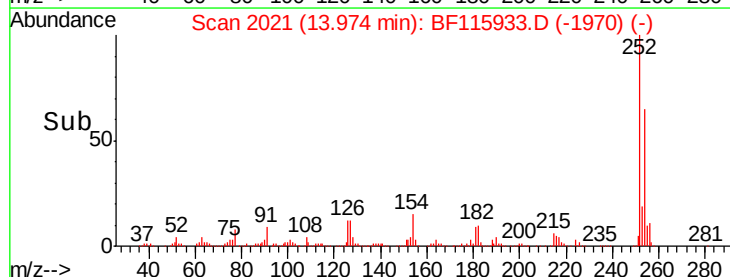
Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.2	76.8
126	12.2	8.1	12.1#

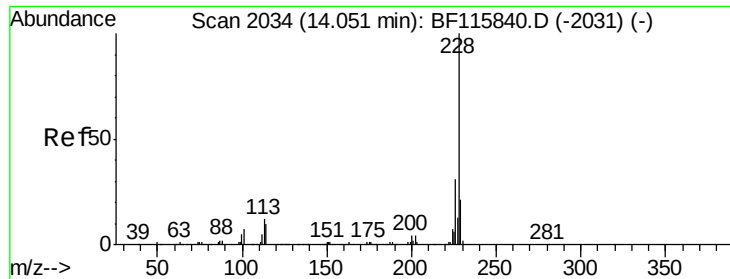


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.327 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

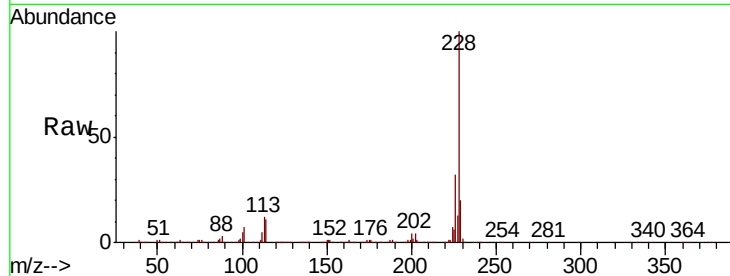
Tot Ion:228 Resp: 1115748

Ion Ratio Lower Upper

228 100

226 31.7 24.8 37.2

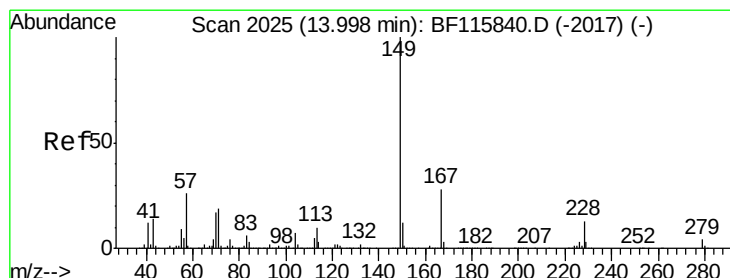
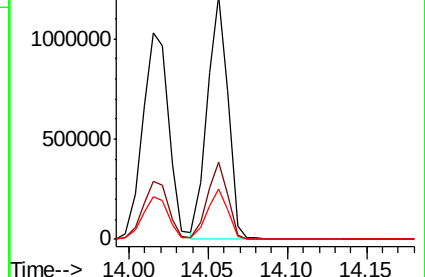
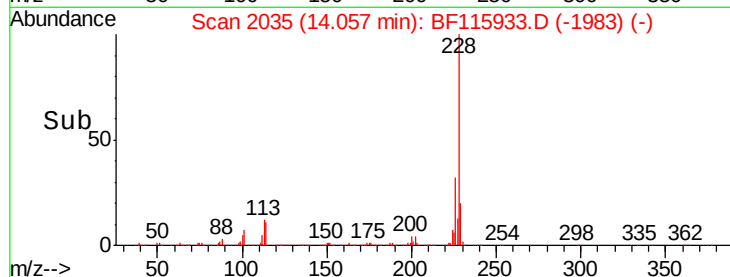
229 20.5 16.4 24.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.959 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115933.D

Acq: 2 Aug 2019 9:03

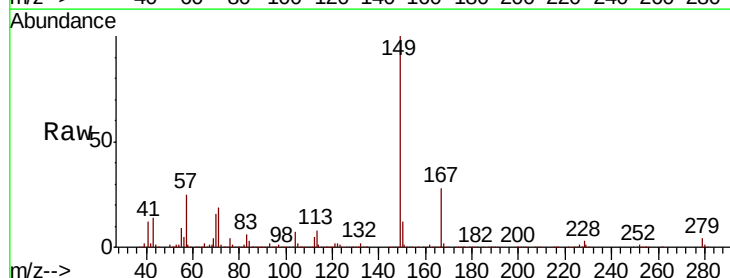
Tgt Ion:149 Resp: 832796

Ion Ratio Lower Upper

149 100

167 27.8 22.4 33.6

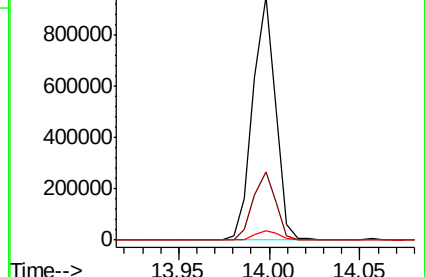
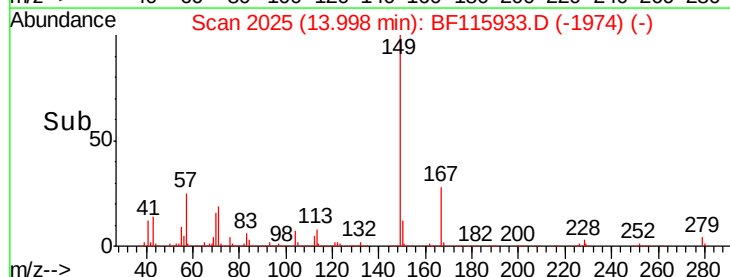
279 4.0 3.3 4.9

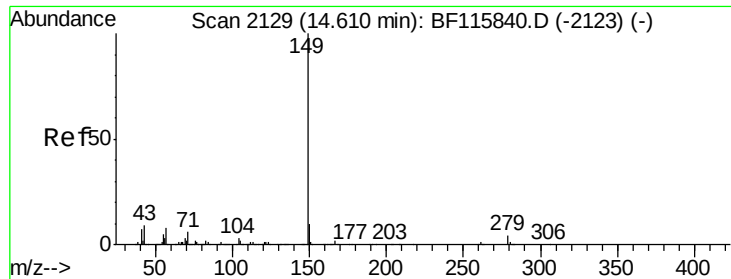


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

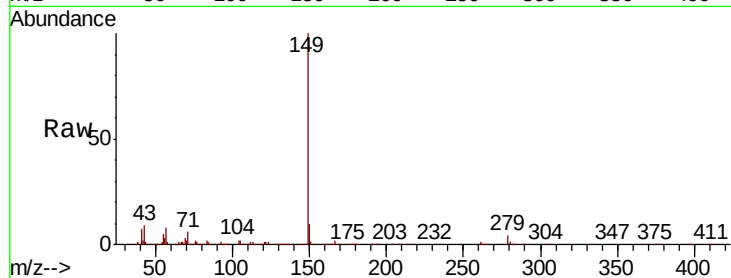




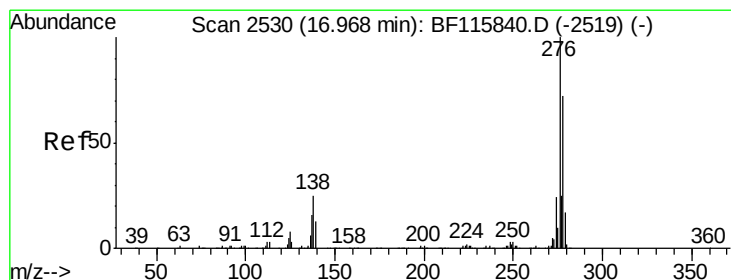
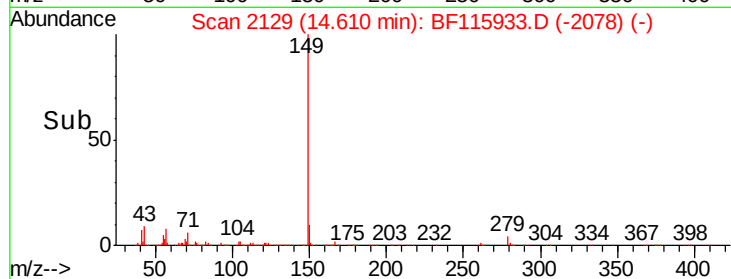
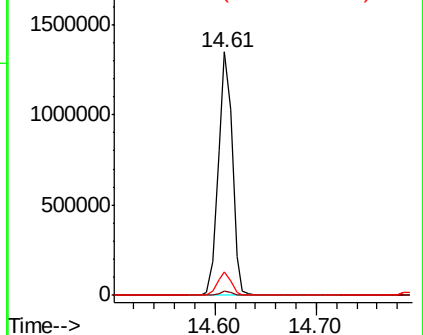
#85
Di-n-octyl phthalate
Concen: 42.768 ng
RT: 14.61 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1286943
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.4 7.4 11.0

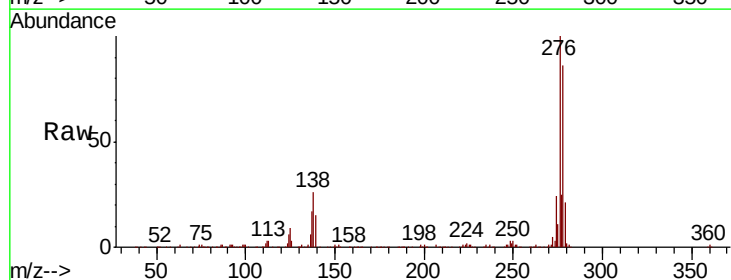


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

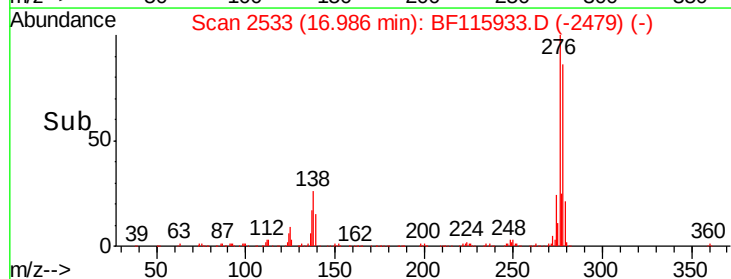
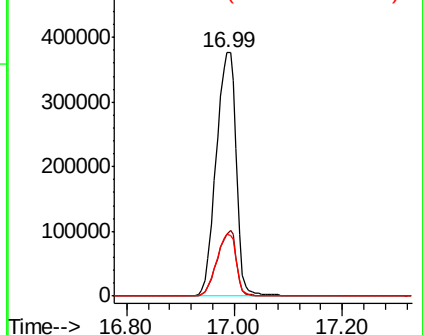


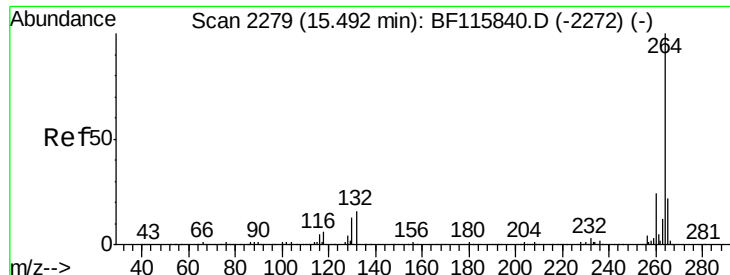
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.555 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.02 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Tgt Ion:276 Resp: 990194
Ion Ratio Lower Upper
276 100
138 25.3 19.6 29.4
277 25.0 20.1 30.1



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

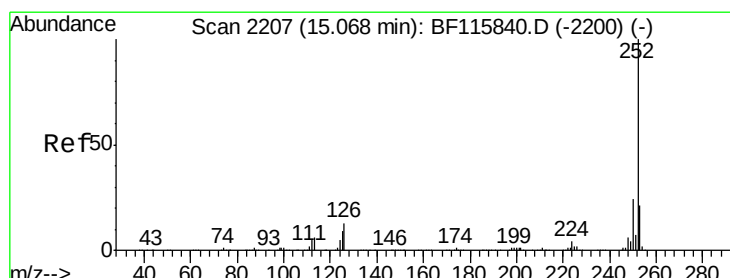
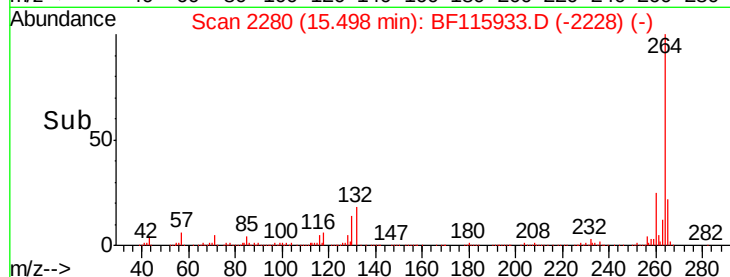
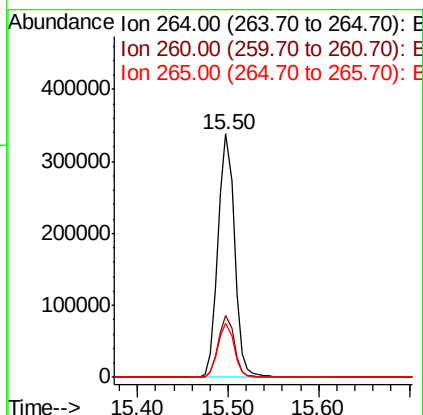
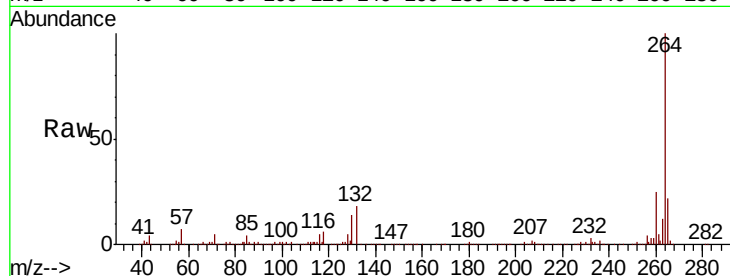




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

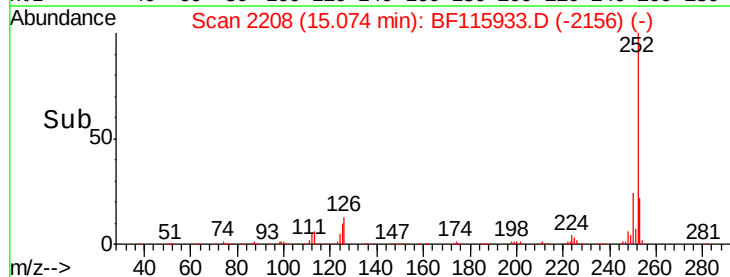
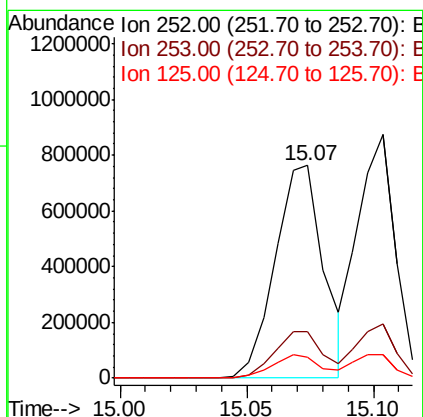
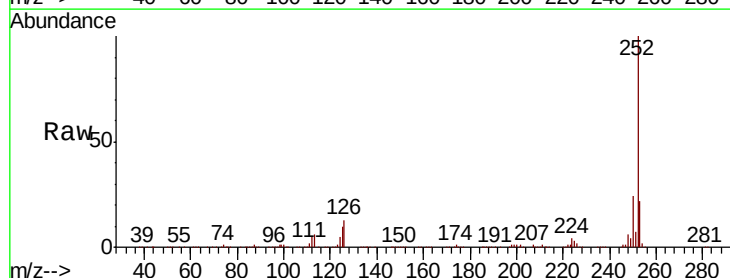
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

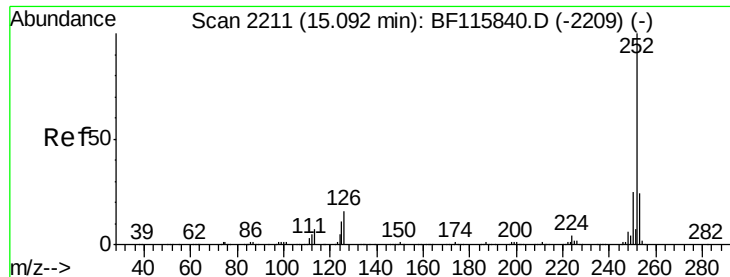
Tot Ion:264 Resp: 426672
Ion Ratio Lower Upper
264 100
260 25.2 19.4 29.2
265 22.0 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 41.485 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Tgt Ion:252 Resp: 1023460
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 9.7 7.4 11.0

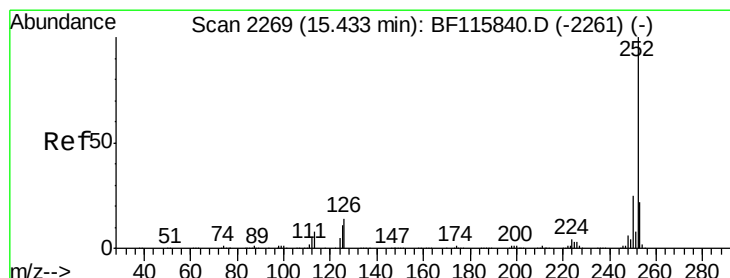
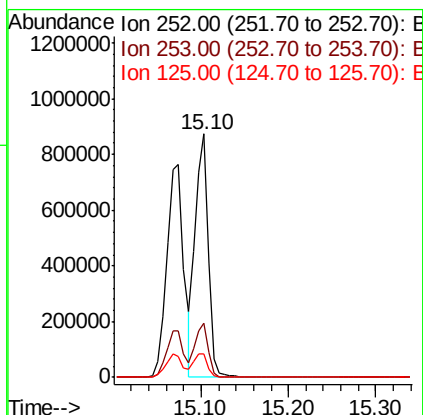
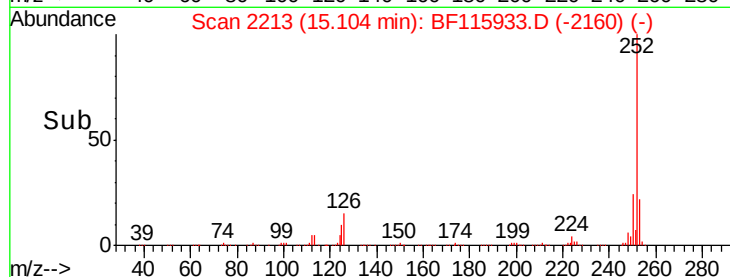
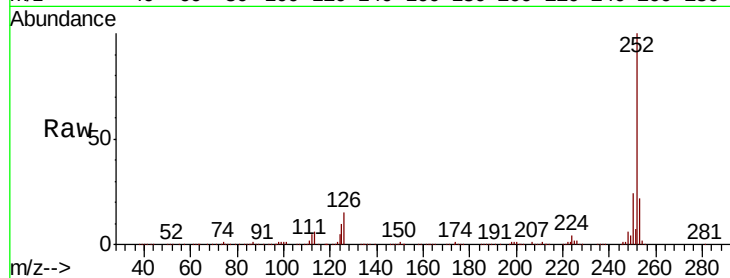




#89
Benzo(k)fluoranthene
Concen: 38.053 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

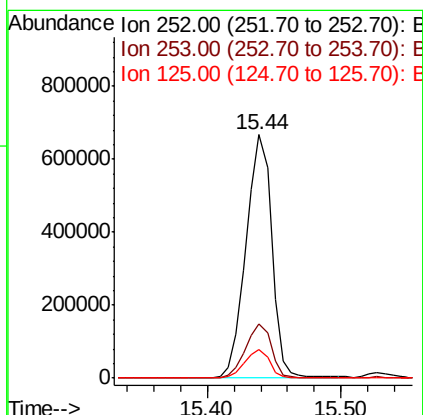
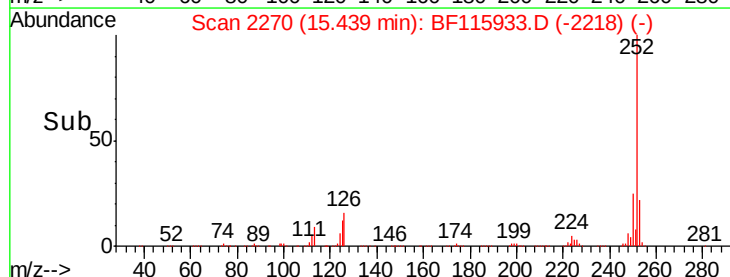
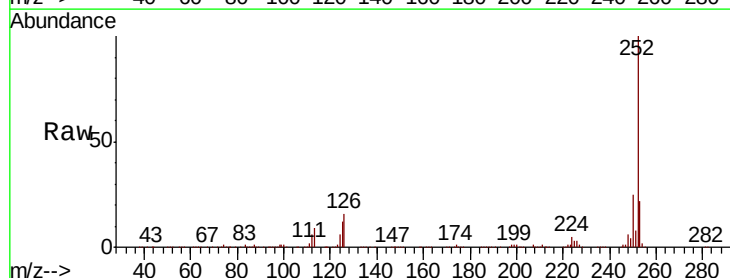
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

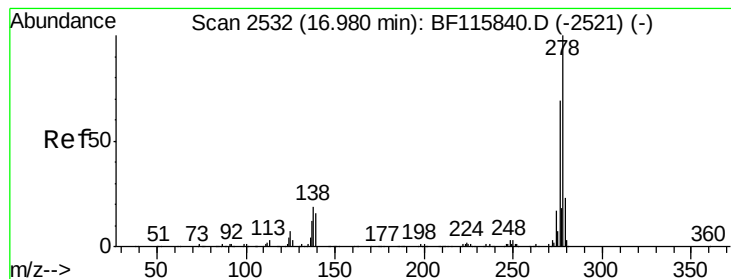
Tot Ion:252 Resp: 914403
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 9.8 8.9 13.3



#90
Benzo(a)pyrene
Concen: 40.155 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Tgt Ion:252 Resp: 885557
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 12.0 8.8 13.2



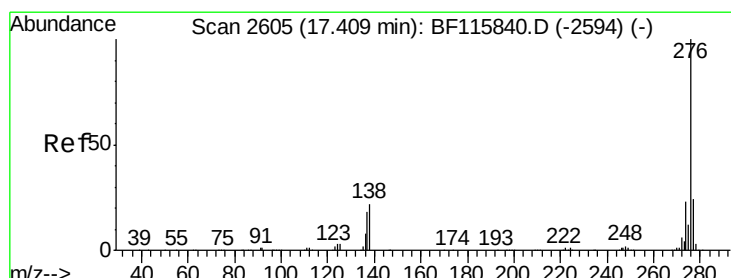
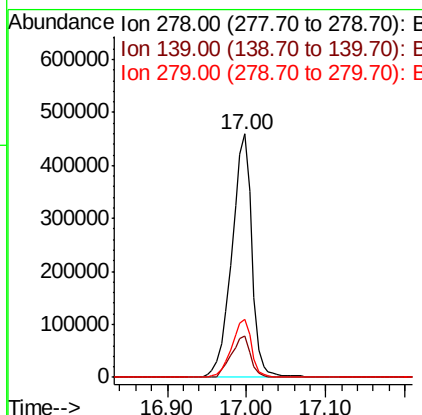
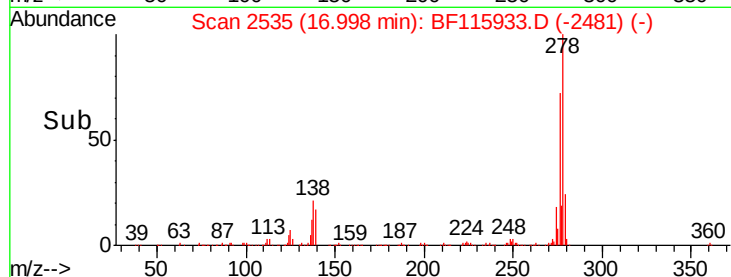
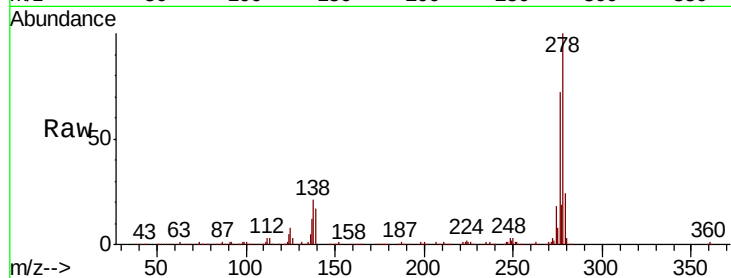


#91
Dibenzo(a,h)anthracene
Concen: 42.114 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.02 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 803958

Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.6	19.0
279	23.8	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 42.810 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.02 min
Lab File: BF115933.D
Acq: 2 Aug 2019 9:03

Tgt Ion:276 Resp: 802604

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.5	29.3
138	21.8	17.8	26.8

