

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116805.D
 Acq On : 4 Sep 2019 10:30
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 05 02:03:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	90745	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	375164	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	187745	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	300128	20.00	ng	0.00
76) Chrysene-d12	14.00	240	190581	20.00	ng	0.00
87) Perylene-d12	15.45	264	169841	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	493124	88.04	ng	0.00
7) Phenol-d6	6.48	99	627877	85.37	ng	0.00
23) Nitrobenzene-d5	7.41	82	595002	90.54	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	130560	104.02	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1017803	91.45	ng	0.00
79) Terphenyl-d14	12.94	244	932521	90.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	102647	39.698	ng	96
3) Pyridine	3.34	79	291873	38.986	ng	93
4) n-Nitrosodimethylamine	3.29	42	99678	38.772	ng	87
6) Aniline	6.51	93	412112	40.454	ng	98
8) 2-Chlorophenol	6.63	128	261791	42.814	ng	97
9) Benzaldehyde	6.40	77	188763	38.955	ng	98
10) Phenol	6.49	94	344540	42.303	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	258843	40.816	ng	100
12) 1,3-Dichlorobenzene	6.79	146	296887	42.960	ng	95
13) 1,4-Dichlorobenzene	6.87	146	299110	43.474	ng	99
14) 1,2-Dichlorobenzene	7.02	146	276158	43.311	ng	96
15) Benzyl Alcohol	6.99	79	246778	41.333	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	266500	35.818	ng	93
17) 2-Methylphenol	7.10	107	221419	41.365	ng	94
18) Hexachloroethane	7.36	117	111894	41.859	ng	# 88
19) n-Nitroso-di-n-propylamine	7.26	70	195090	40.284	ng	91
20) 3+4-Methylphenols	7.25	107	277983	44.665	ng	92
22) Acetophenone	7.26	105	394268	43.652	ng	# 94
24) Nitrobenzene	7.43	77	295461	44.206	ng	98
25) Isophorone	7.67	82	524619	39.396	ng	99
26) 2-Nitrophenol	7.75	139	131823	53.050	ng	94
27) 2,4-Dimethylphenol	7.78	122	205822	41.013	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	327043	40.188	ng	99
29) 2,4-Dichlorophenol	7.99	162	209381	43.414	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	224407	42.899	ng	97
31) Naphthalene	8.15	128	748421	41.953	ng	99
32) Benzoic acid	7.87	122	60733	21.433	ng	90
33) 4-Chloroaniline	8.20	127	337057	41.507	ng	97
34) Hexachlorobutadiene	8.27	225	127665	44.759	ng	99
35) Caprolactam	8.56	113	68345	37.866	ng	91
36) 4-Chloro-3-methylphenol	8.68	107	239101	43.135	ng	96
37) 2-Methylnaphthalene	8.85	142	508661	42.854	ng	96
38) 1-Methylnaphthalene	8.95	142	482182	43.034	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	204953	45.539	ng	98

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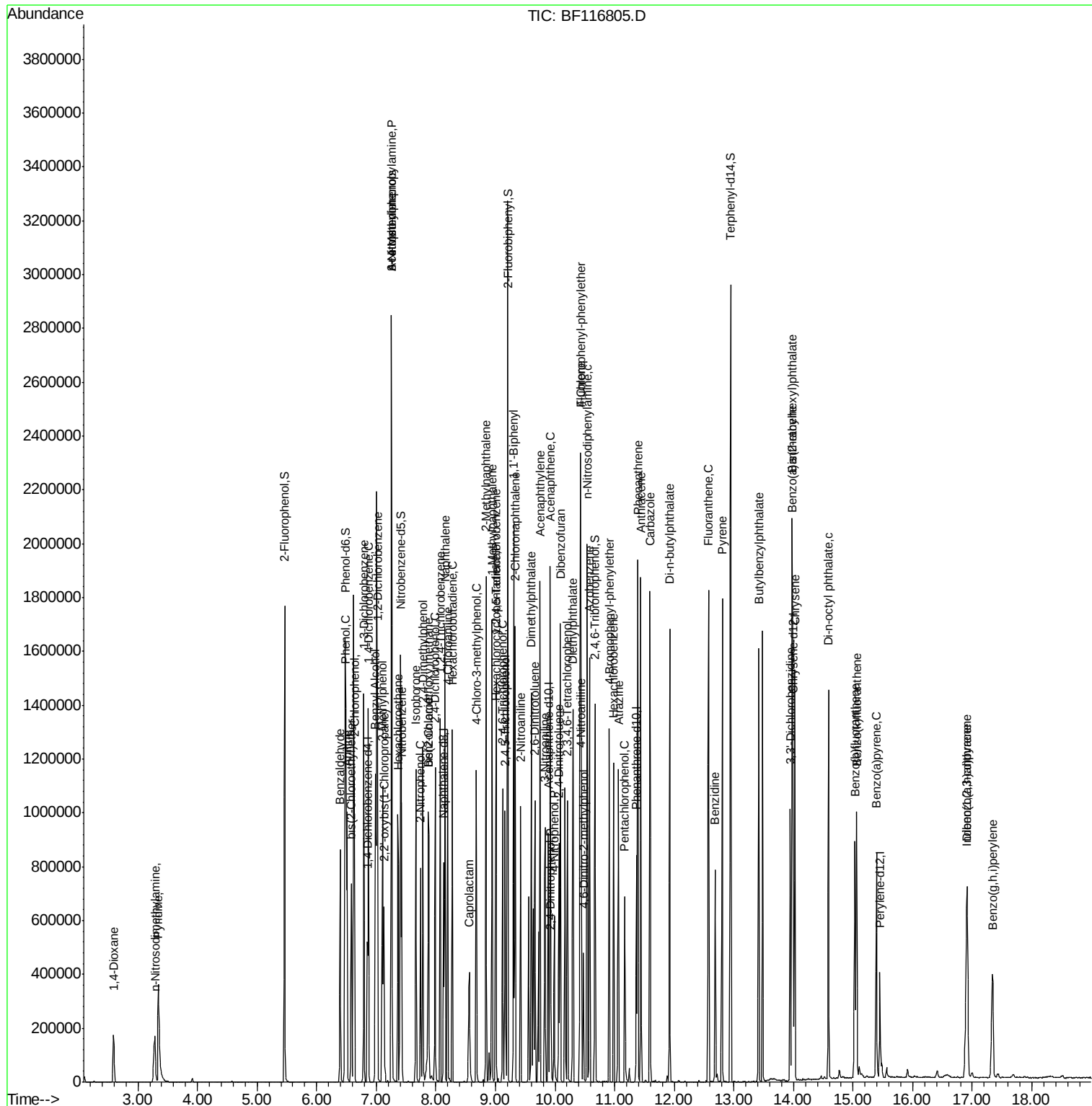
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	98825	38.025	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	144431	46.815	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	149181	46.577	nq	# 92
46) 1,1'-Biphenyl	9.30	154	623219	43.746	nq	97
47) 2-Chloronaphthalene	9.33	162	485759	43.050	nq	99
48) 2-Nitroaniline	9.42	65	159713	48.960	nq	98
49) Acenaphthylene	9.75	152	731926	42.911	nq	99
50) Dimethylphthalate	9.60	163	545898	42.116	nq	99
51) 2,6-Dinitrotoluene	9.66	165	119760	48.426	nq	94
52) Acenaphthene	9.92	154	456126	43.523	nq	98
53) 3-Nitroaniline	9.83	138	147881	47.716	nq	95
54) 2,4-Dinitrophenol	9.93	184	29779	39.142	nq	# 90
55) Dibenzofuran	10.09	168	634499	42.947	nq	97
56) 4-Nitrophenol	9.99	139	101101	47.576	nq	91
57) 2,4-Dinitrotoluene	10.07	165	161873	53.531	nq	# 85
58) Fluorene	10.43	166	507416	45.075	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	111557	48.260	nq	94
60) Diethylphthalate	10.30	149	550751	42.418	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	222237	45.083	nq	94
62) 4-Nitroaniline	10.45	138	147231	48.952	nq	94
63) Azobenzene	10.58	77	555416	41.025	nq	95
65) 4,6-Dinitro-2-methylphenol	10.47	198	50279	45.877	nq	87
66) n-Nitrosodiphenylamine	10.54	169	443576	42.724	nq	98
67) 4-Bromophenyl-phenylether	10.91	248	131688	43.192	nq	99
68) Hexachlorobenzene	10.98	284	139329	43.678	nq	97
69) Atrazine	11.06	200	122192	42.021	nq	95
70) Pentachlorophenol	11.17	266	75732	49.077	nq	94
71) Phenanthrene	11.39	178	719910	43.090	nq	100
72) Anthracene	11.44	178	727528	43.259	nq	99
73) Carbazole	11.59	167	679086	42.390	nq	100
74) Di-n-butylphthalate	11.92	149	866366	42.185	nq	100
75) Fluoranthene	12.57	202	705031	42.940	nq	98
77) Benzidine	12.69	184	290200	38.822	nq	100
78) Pyrene	12.80	202	703154	41.505	nq	99
80) Butylbenzylphthalate	13.42	149	340575	41.339	nq	97
81) Benzo(a)anthracene	13.99	228	529395	43.890	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	176158	43.216	nq	99
83) Chrysene	14.02	228	523893	42.159	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	440926	43.356	nq	99
85) Di-n-octyl phthalate	14.59	149	694938	41.756	nq	# 95
86) Indeno(1,2,3-cd)pyrene	16.90	276	403189	40.394	nq	96
88) Benzo(b)fluoranthene	15.03	252	442982	43.141	nq	98
89) Benzo(k)fluoranthene	15.06	252	402662	43.008	nq	99
90) Benzo(a)pyrene	15.39	252	383640	42.944	nq	97
91) Dibenzo(a,h)anthracene	16.92	278	328160	41.966	nq	95
92) Benzo(g,h,i)perylene	17.34	276	312147	39.141	nq	97

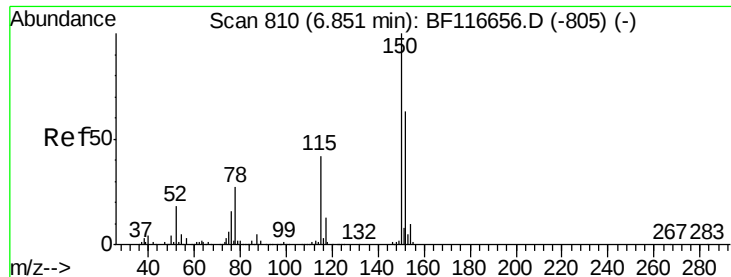
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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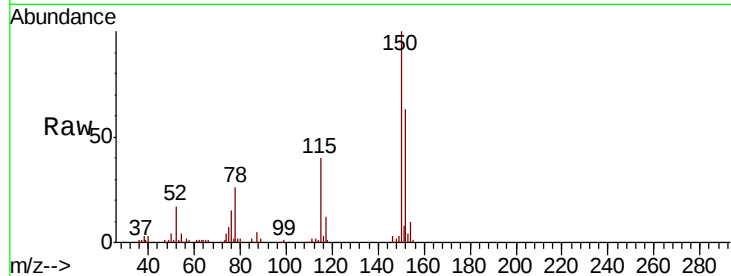


#1

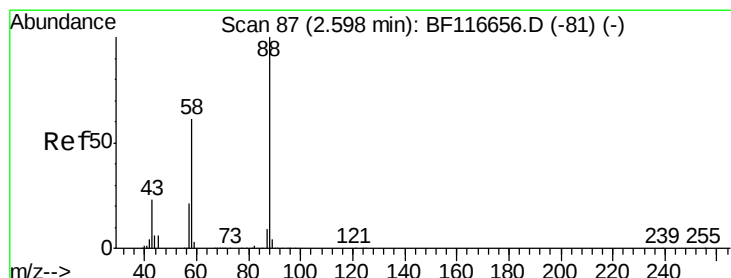
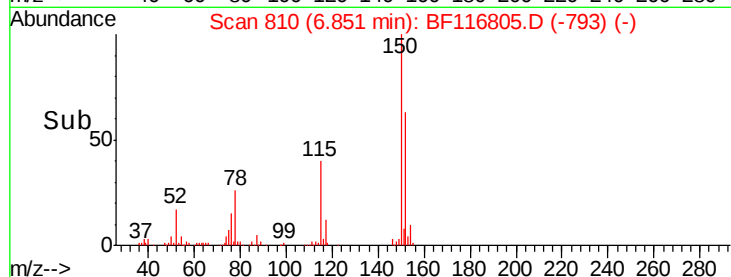
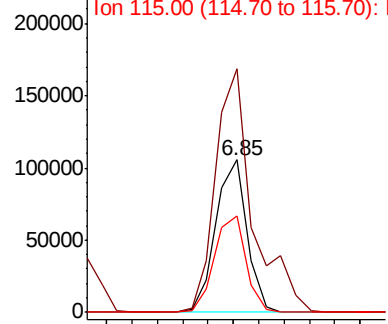
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 90745
Ion Ratio Lower Upper
152 100
150 159.7 124.4 186.6
115 63.2 49.9 74.9



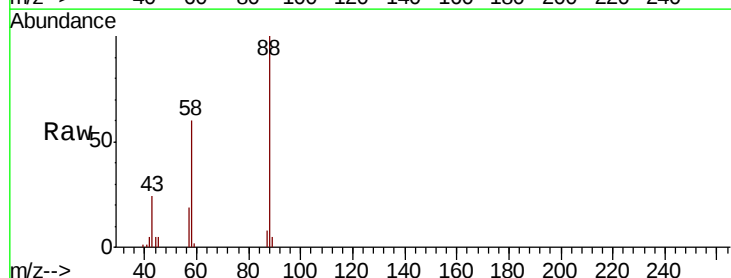
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



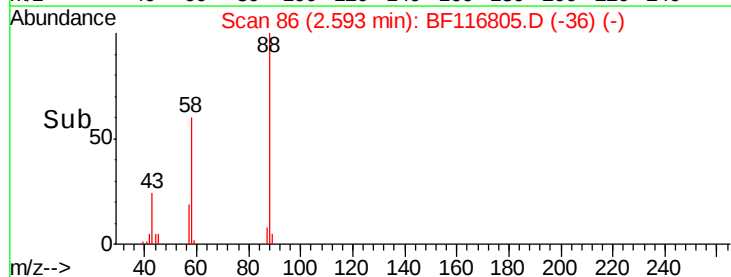
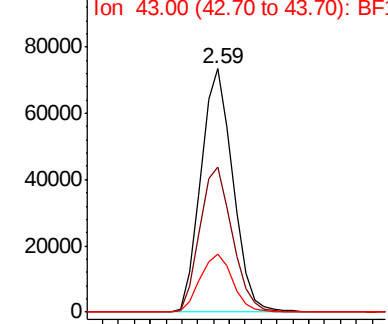
#2

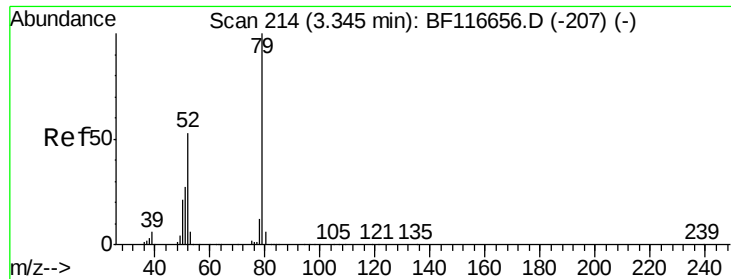
1,4-Dioxane
Concen: 39.698 ng
RT: 2.59 min Scan# 86
Delta R.T. -0.01 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

Tgt Ion: 88 Resp: 102647
Ion Ratio Lower Upper
88 100
58 60.4 51.7 77.5
43 23.9 19.8 29.8



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: 38.986 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

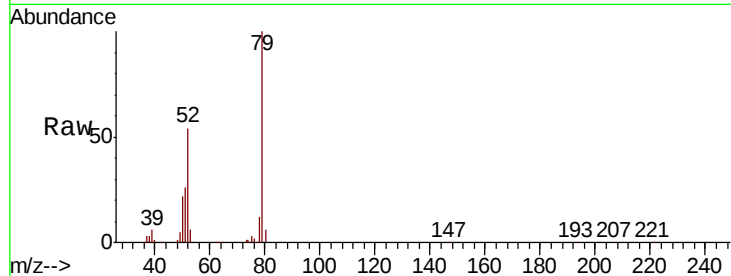
Tot Ion: 79 Resp: 291873

Ion Ratio Lower Upper

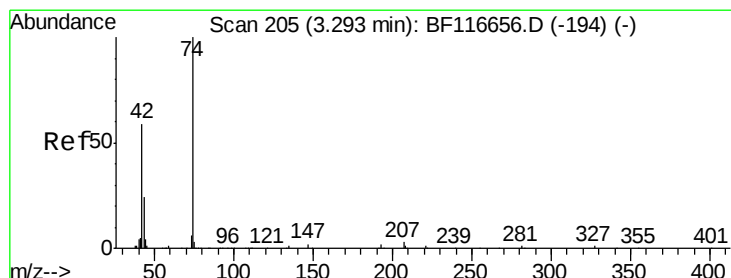
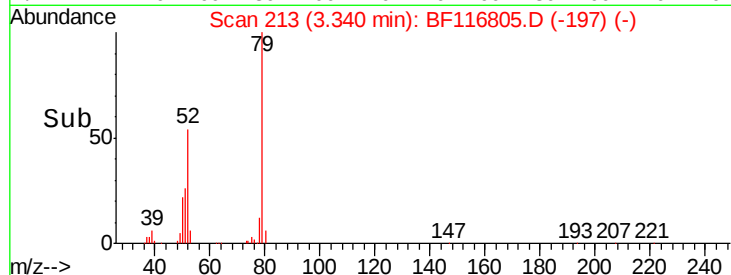
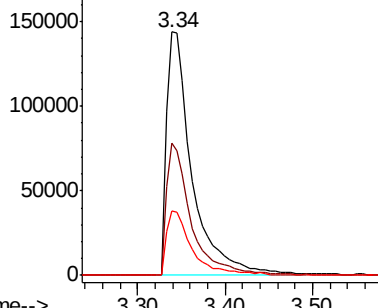
79 100

52 54.1 47.4 71.0

51 26.3 24.1 36.1



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: 38.772 ng

RT: 3.29 min Scan# 204

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

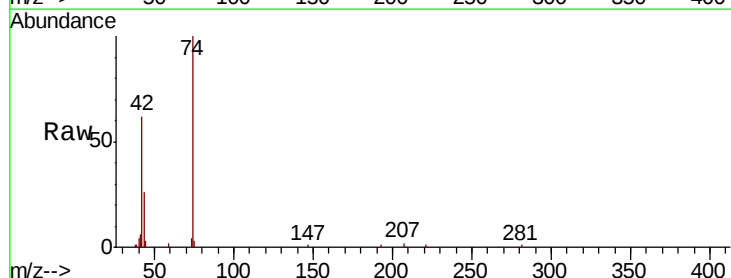
Tgt Ion: 42 Resp: 99678

Ion Ratio Lower Upper

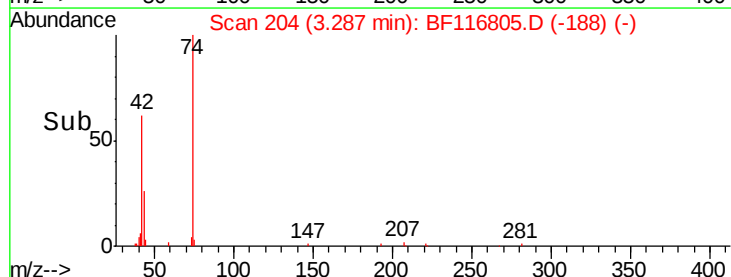
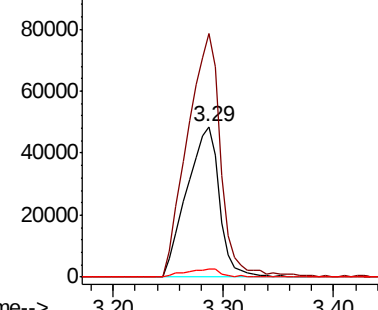
42 100

74 161.7 115.6 173.4

44 5.3 4.6 7.0



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: 88.037 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF116805.D

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Instrument :

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ClientSampleId :

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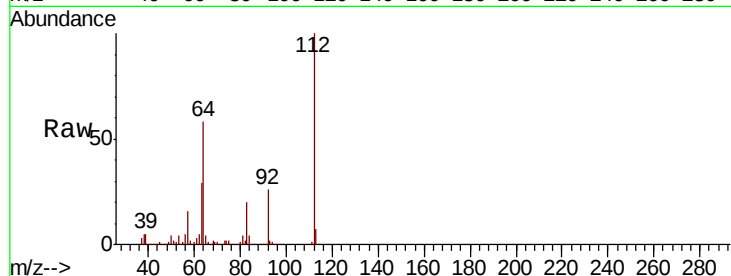
Tot Ion:112 Resp: 493124

Ion Ratio Lower Upper

112 100

64 58.2 47.1 70.7

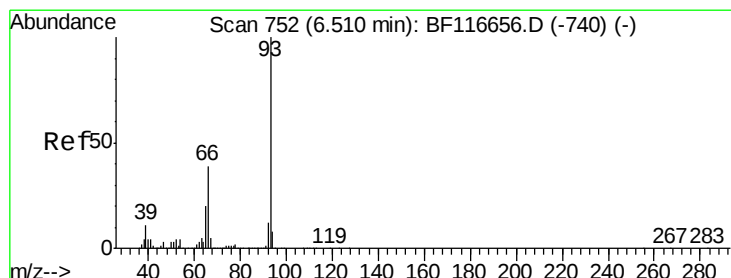
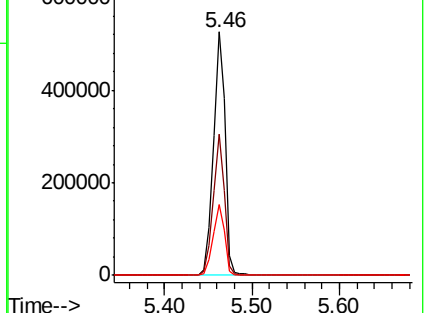
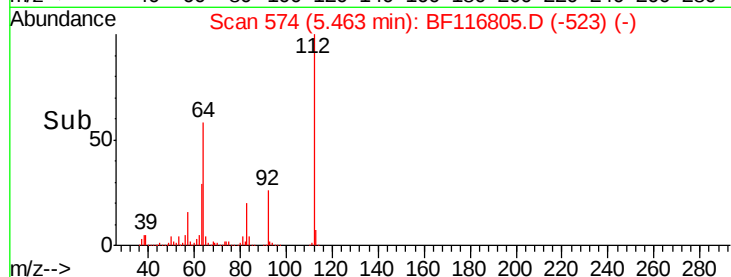
63 29.1 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.454 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

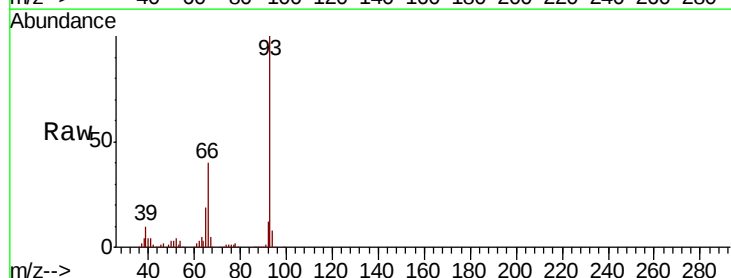
Tgt Ion: 93 Resp: 412112

Ion Ratio Lower Upper

93 100

66 39.9 32.7 49.1

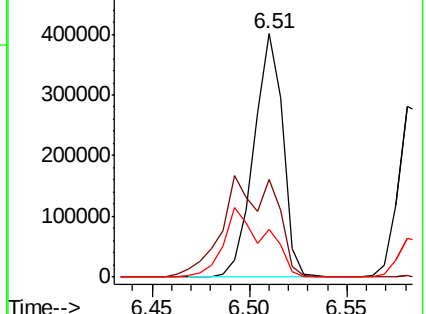
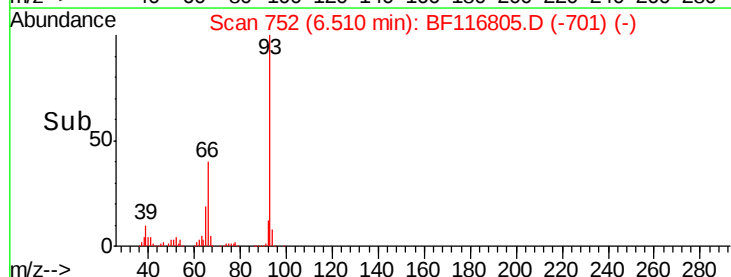
65 19.4 16.3 24.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.365 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

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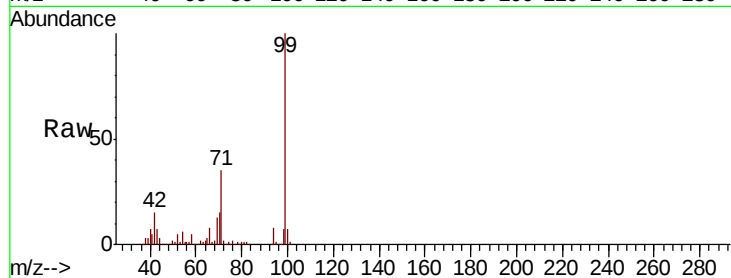
Tot Ion: 99 Resp: 627877

Ion Ratio Lower Upper

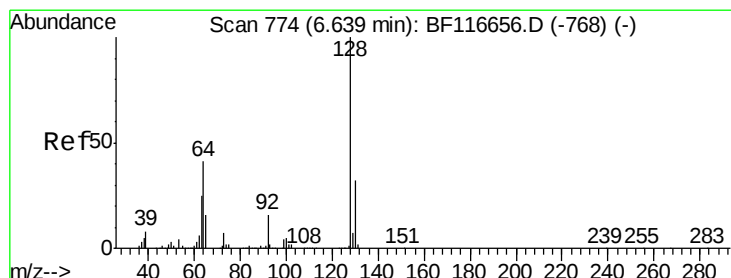
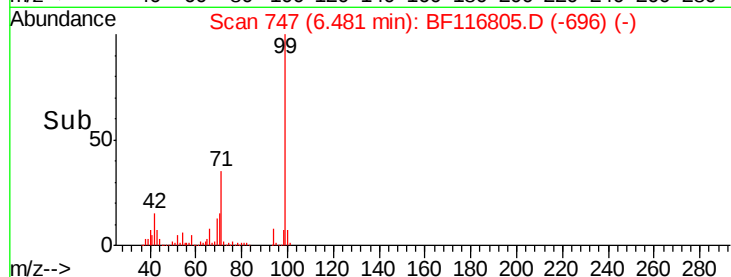
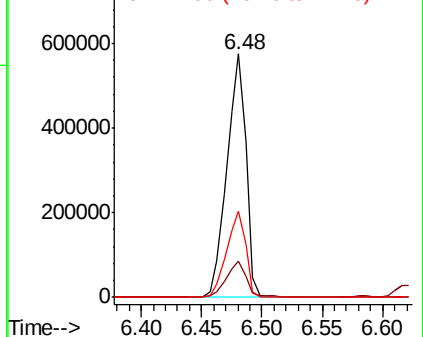
99 100

42 15.0 13.7 20.5

71 35.5 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.814 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

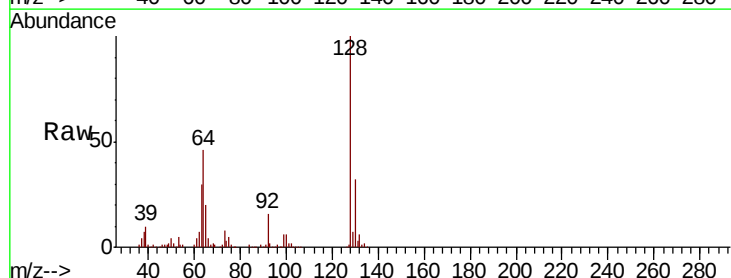
Tgt Ion: 128 Resp: 261791

Ion Ratio Lower Upper

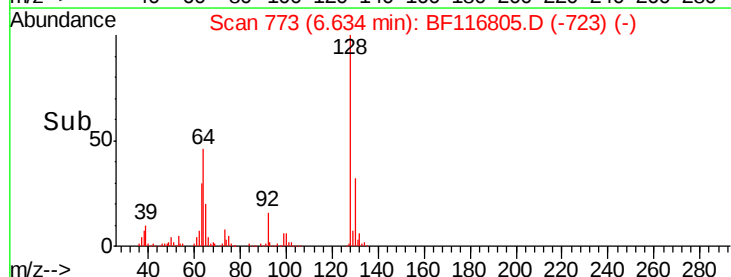
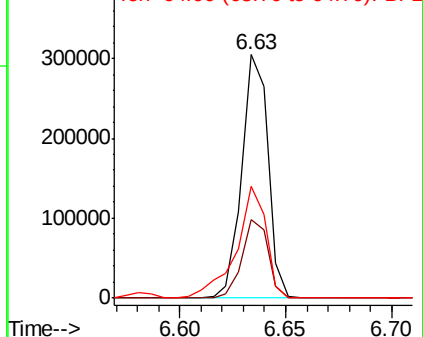
128 100

130 32.1 12.3 52.3

64 45.8 22.5 62.5



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: 38.955 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

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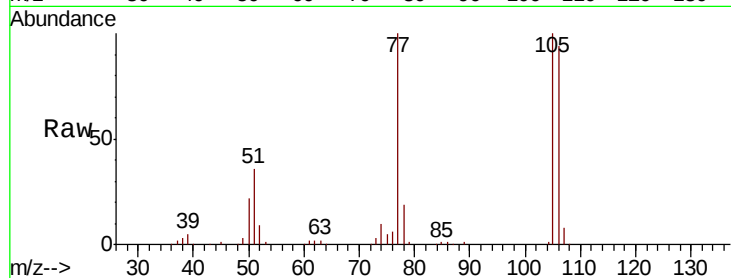
Tot Ion: 77 Resp: 188763

Ion Ratio Lower Upper

77 100

105 99.5 76.7 116.7

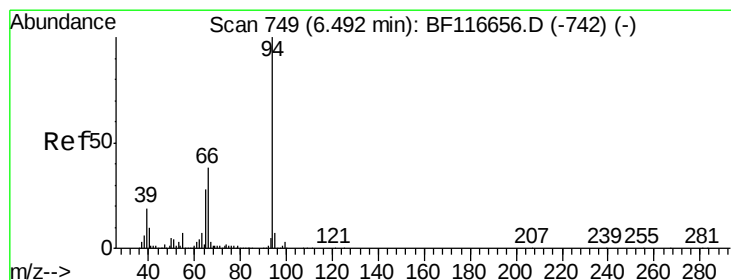
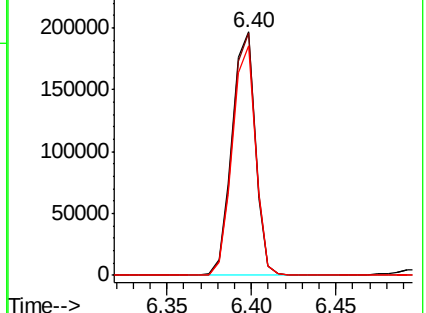
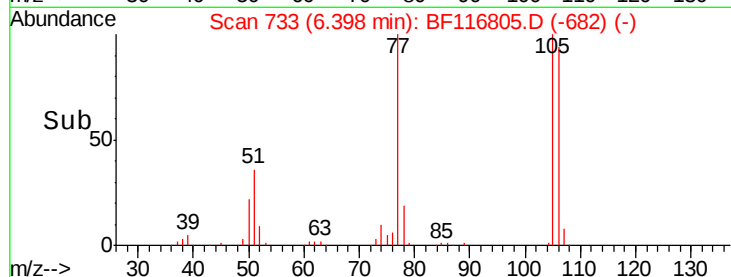
106 94.3 73.1 113.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.303 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

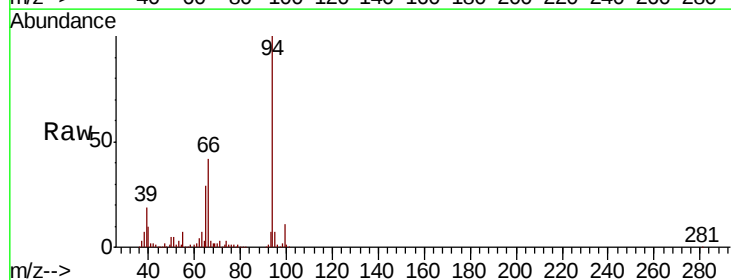
Tgt Ion: 94 Resp: 344540

Ion Ratio Lower Upper

94 100

65 28.8 10.8 50.8

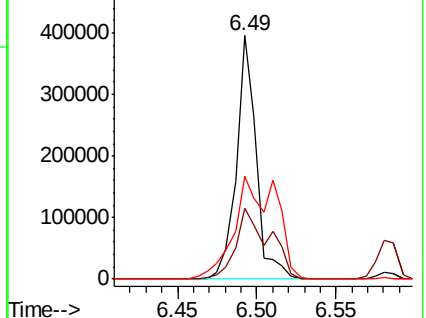
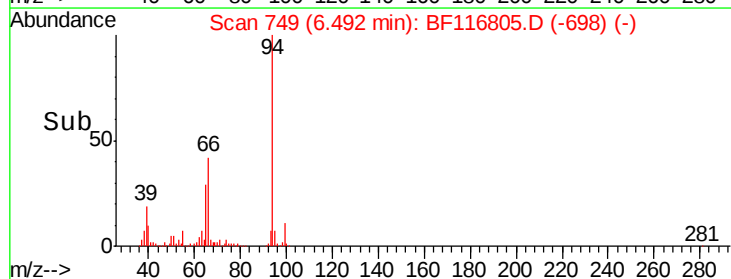
66 42.5 21.1 61.1



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: 40.816 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

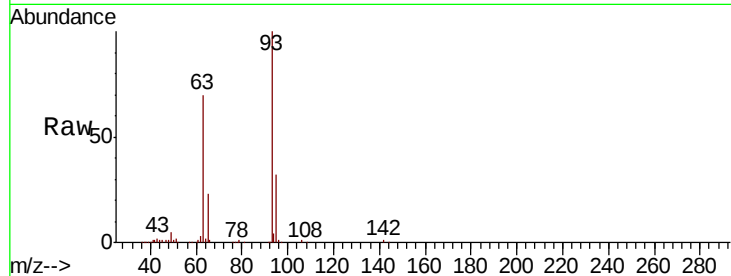
Tot Ion: 93 Resp: 258843

Ion Ratio Lower Upper

93 100

63 70.3 49.9 89.9

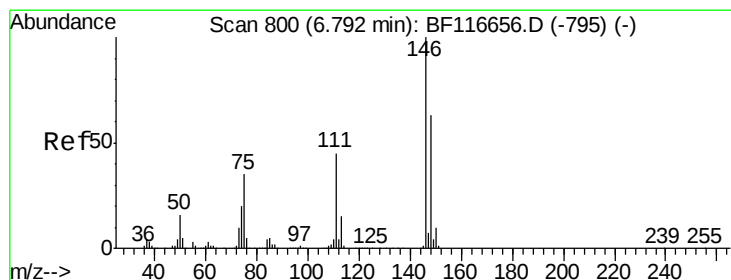
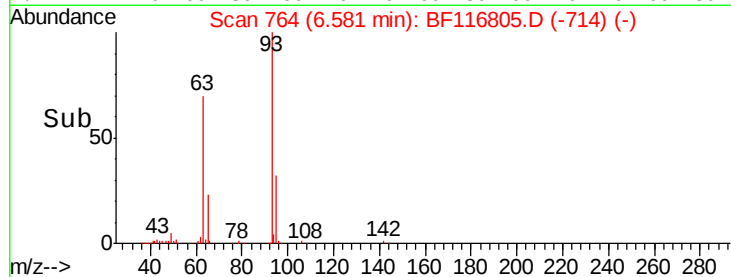
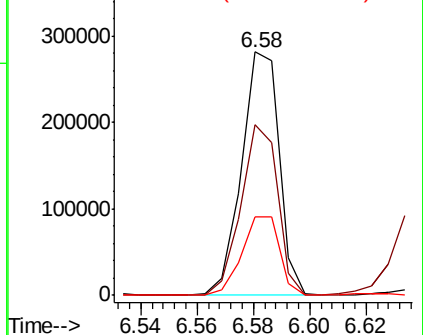
95 32.5 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 42.960 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

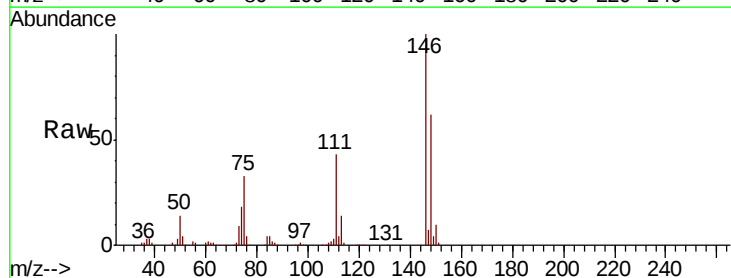
Tgt Ion: 146 Resp: 296887

Ion Ratio Lower Upper

146 100

148 61.6 51.4 77.0

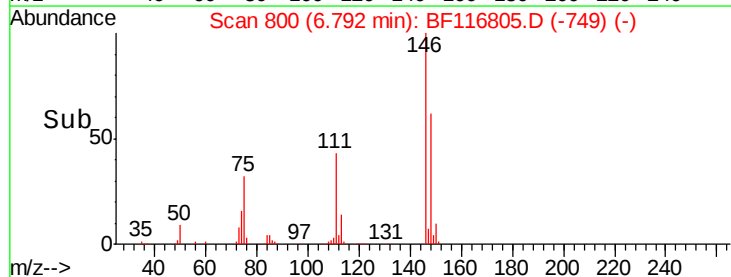
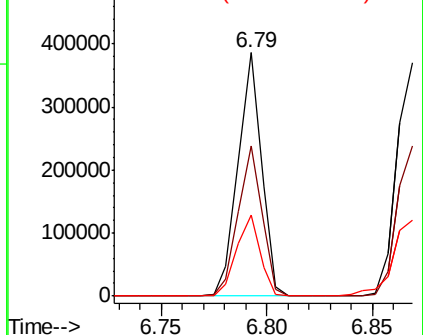
75 33.1 29.6 44.4

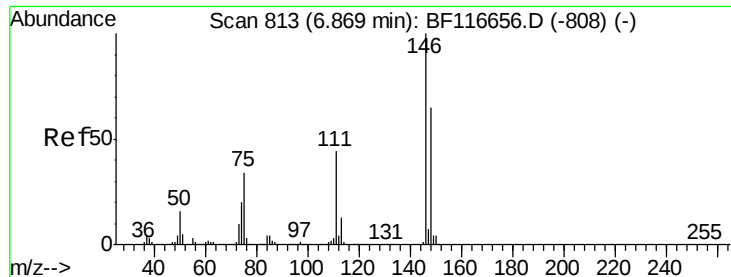


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 43.474 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

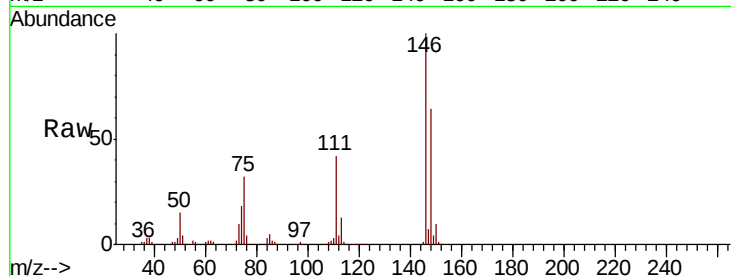
Tot Ion:146 Resp: 299110

Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

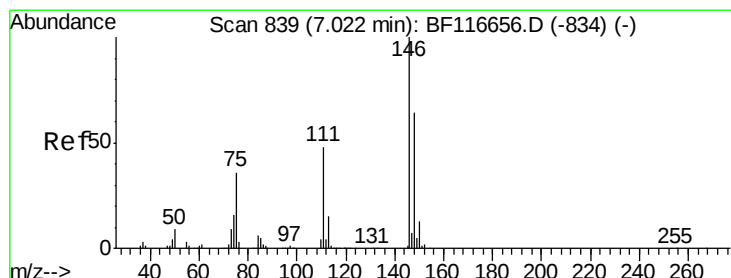
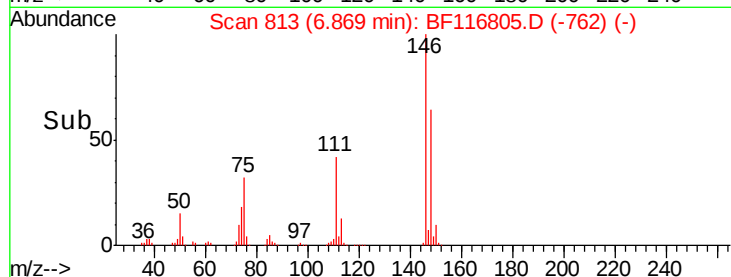
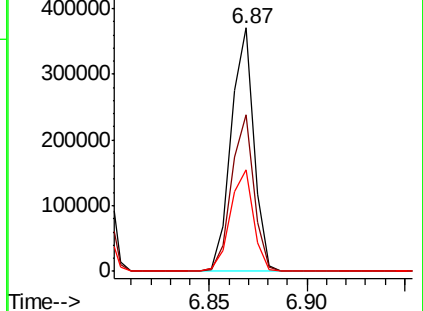
111 41.8 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.311 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

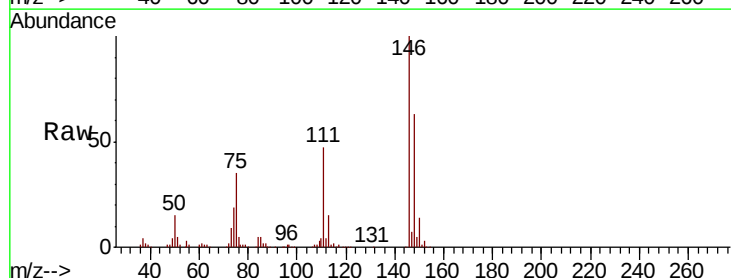
Tgt Ion:146 Resp: 276158

Ion Ratio Lower Upper

146 100

148 63.4 52.6 78.8

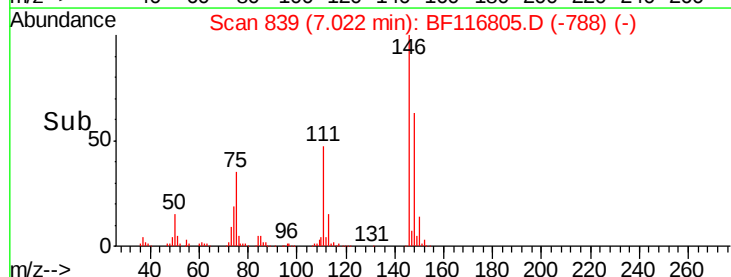
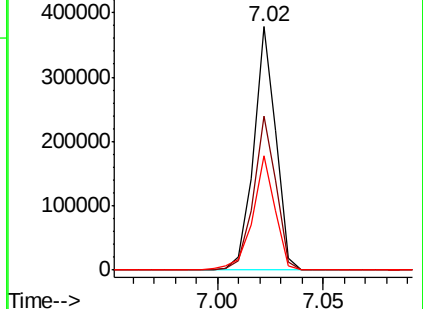
111 47.1 34.2 51.4

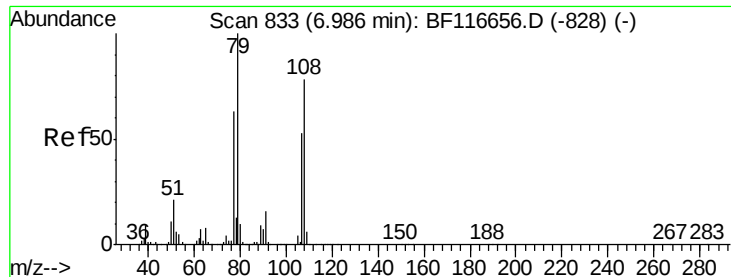


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.333 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

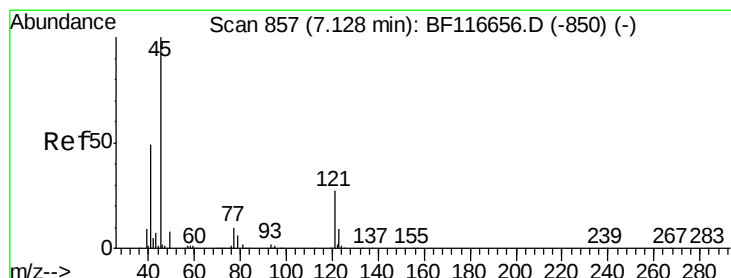
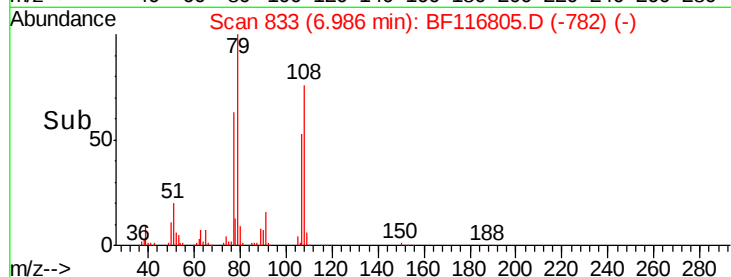
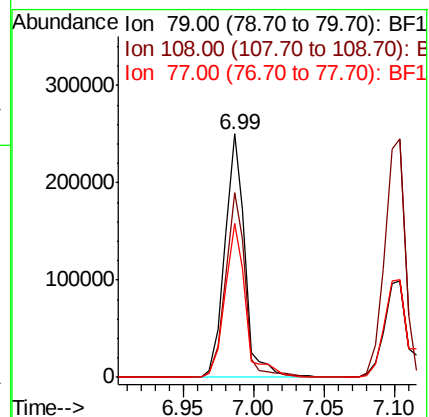
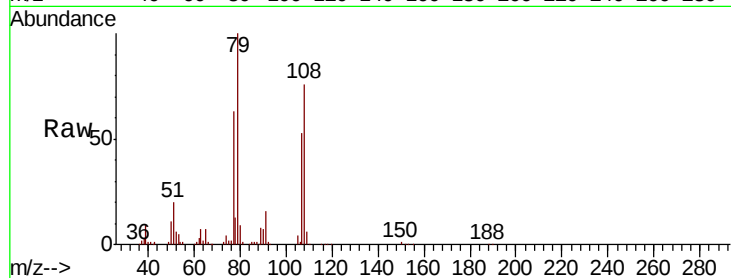
Tot Ion: 79 Resp: 246778

Ion Ratio Lower Upper

79 100

108 75.8 59.2 88.8

77 63.2 53.0 79.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.818 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

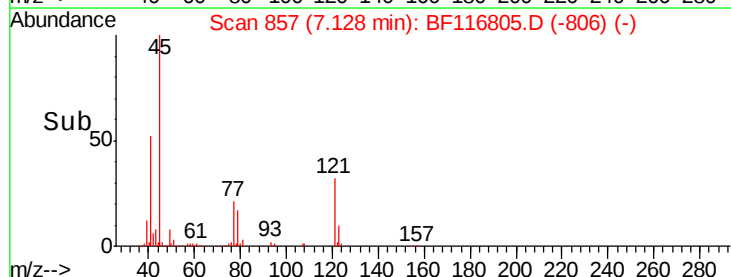
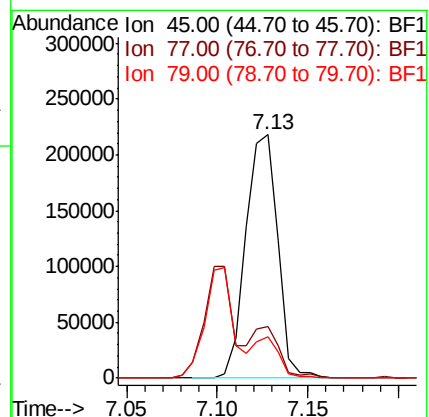
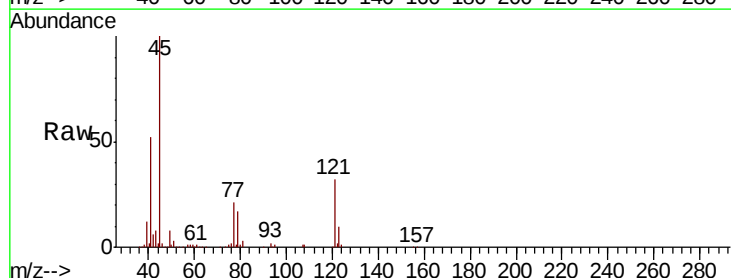
Tgt Ion: 45 Resp: 266500

Ion Ratio Lower Upper

45 100

77 21.3 0.0 38.2

79 17.1 0.0 33.9

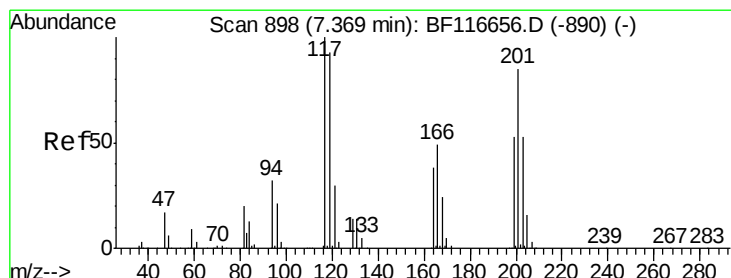
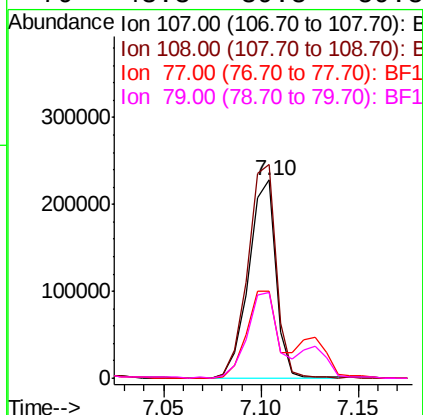
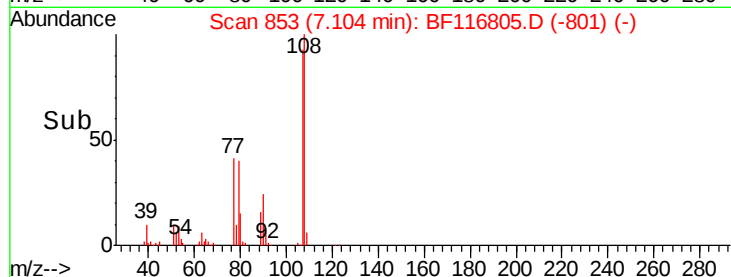
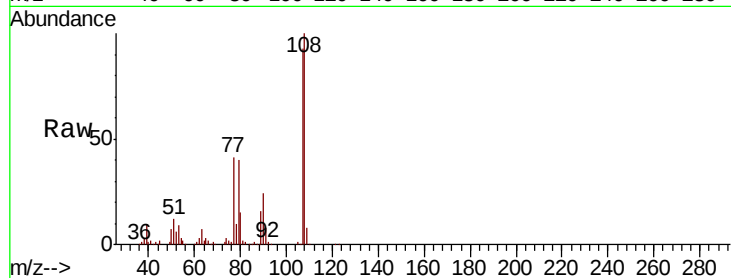




#17
2-Methylphenol
Concen: 41.365 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

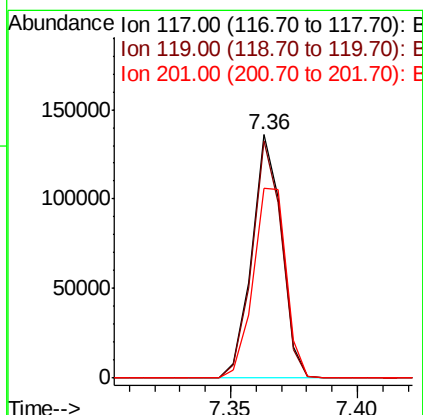
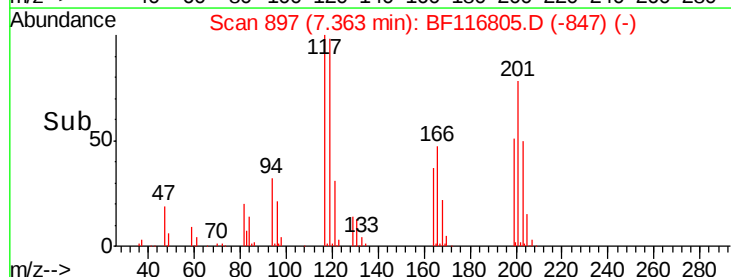
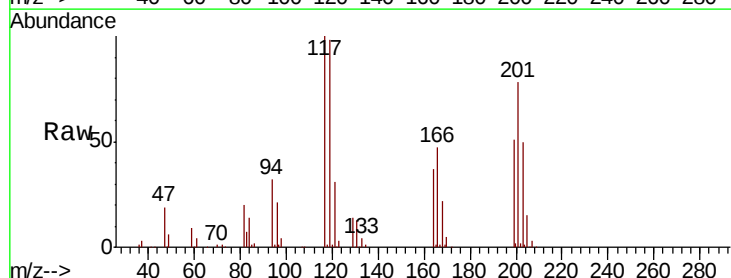
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

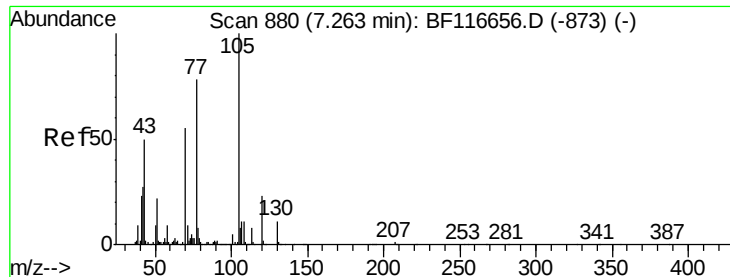
Tot Ion:	107	Resp:	221419
Ion	Ratio	Lower	Upper
107	100		
108	107.9	88.3	132.5
77	43.9	39.9	59.9
79	43.3	39.8	59.8



#18
Hexachloroethane
Concen: 41.859 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

Tgt Ion:	117	Resp:	111894
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.9	115.3
201	77.9	79.4	119.0#

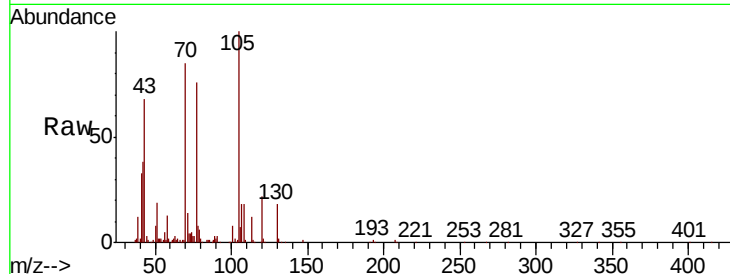




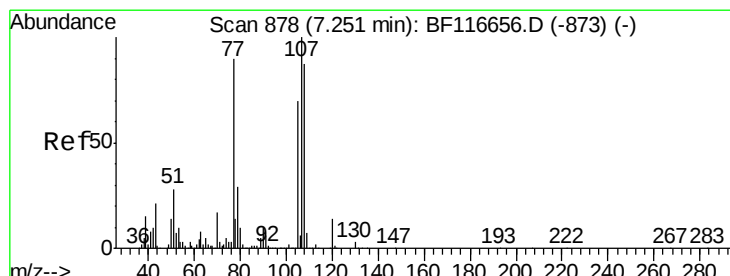
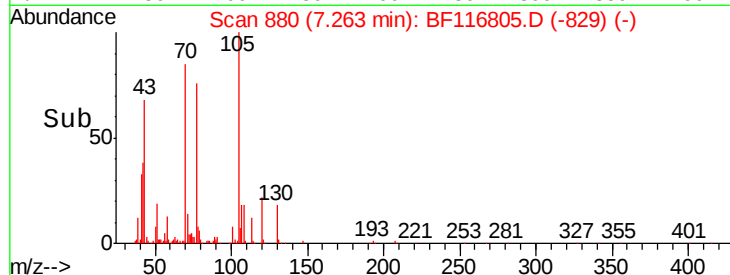
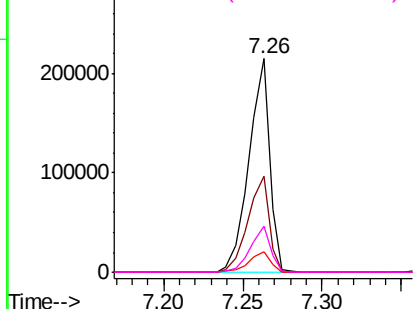
#19
n-Nitroso-di-n-propylamine
Concen: 40.284 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	195090
Ion	Ratio	Lower	Upper
70	100		
42	44.9	43.5	65.3
101	9.5	7.8	11.6
130	21.6	16.6	24.8

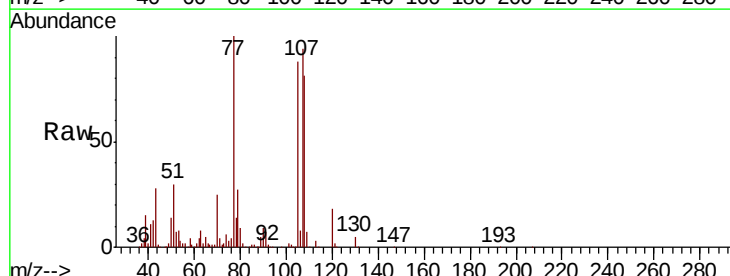


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

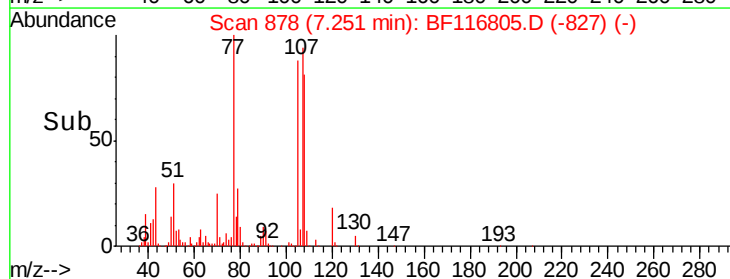
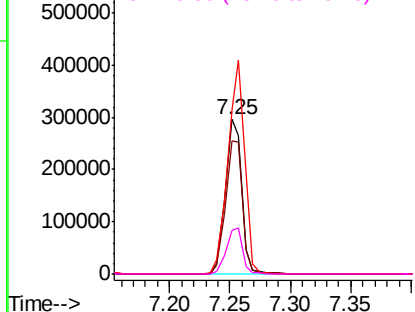


#20
3+4-Methylphenols
Concen: 44.665 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

Tgt Ion:	107	Resp:	277983
Ion	Ratio	Lower	Upper
107	100		
108	86.2	65.5	105.5
77	105.8	69.4	109.4
79	28.2	9.5	49.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 375164

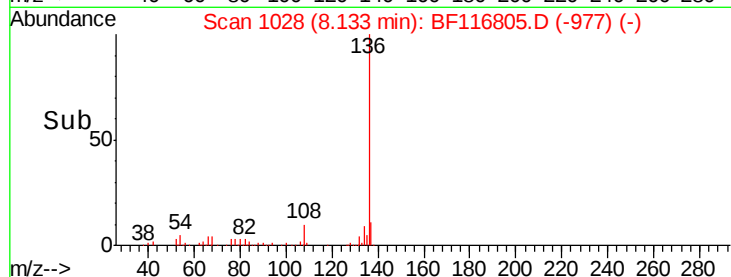
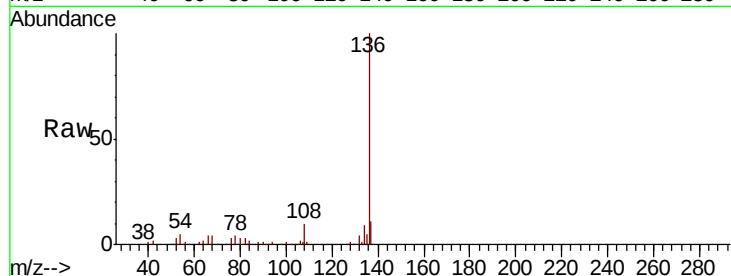
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 5.1 4.8 7.2

68 4.2 4.0 6.0



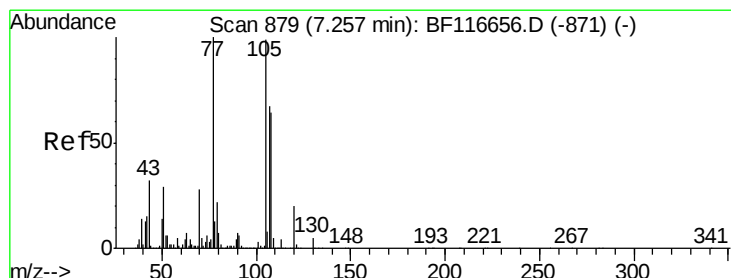
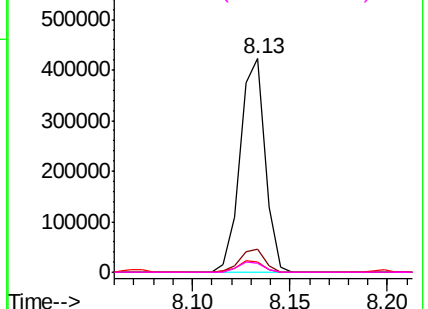
Abundance

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: 43.652 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Tgt Ion:105 Resp: 394268

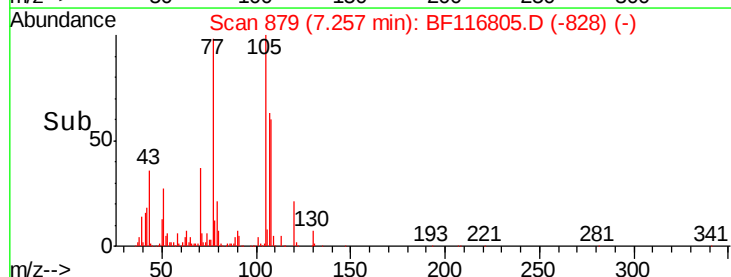
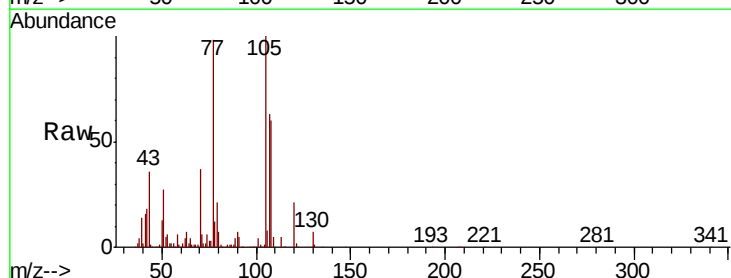
Ion Ratio Lower Upper

105 100

71 6.5 4.2 6.4#

51 27.0 25.8 38.8

120 21.0 16.4 24.6



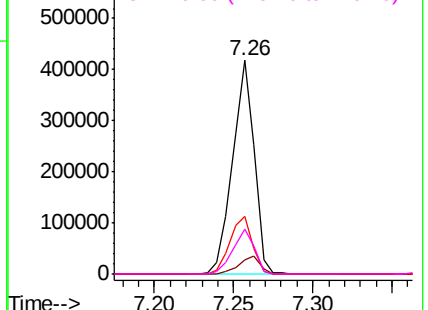
Abundance

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: 90.539 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

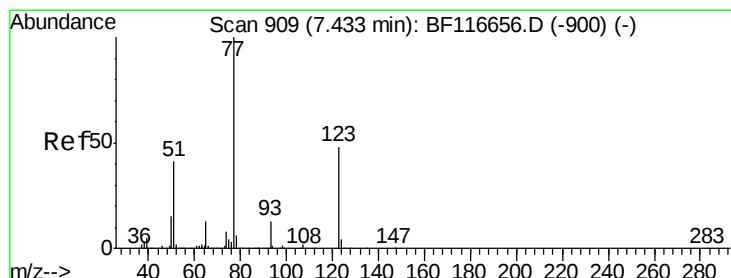
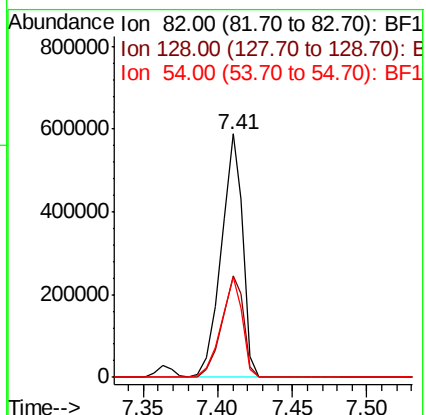
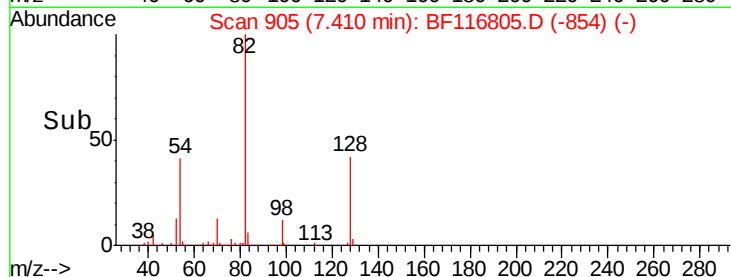
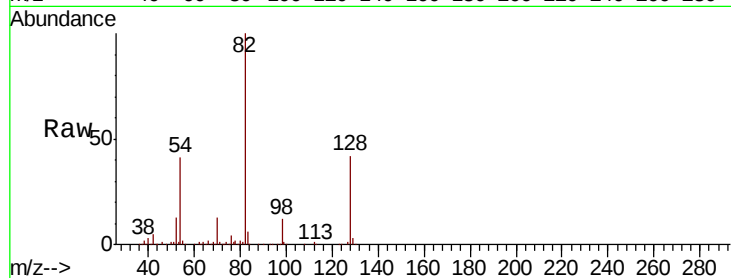
Tot Ion: 82 Resp: 595002

Ion Ratio Lower Upper

82 100

128 41.7 32.8 49.2

54 41.3 36.9 55.3



#24

Nitrobenzene

Concen: 44.206 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

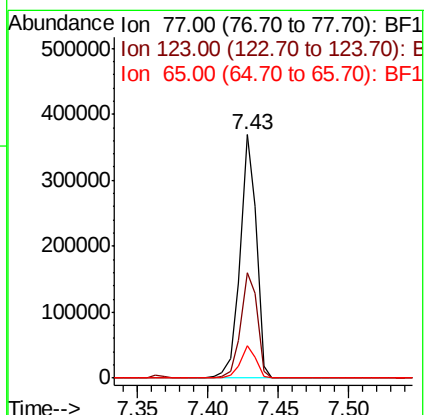
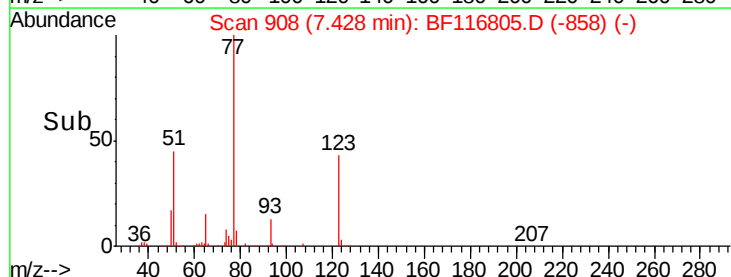
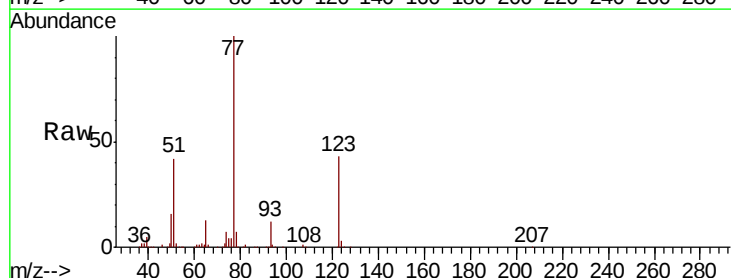
Tgt Ion: 77 Resp: 295461

Ion Ratio Lower Upper

77 100

123 43.1 33.1 49.7

65 13.5 10.6 15.8





#25

Isophorone

Concen: 39.396 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

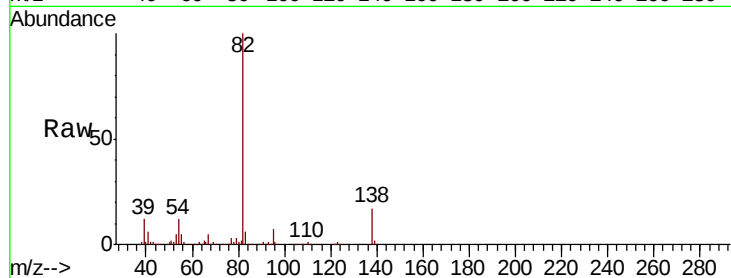
Tot Ion: 82 Resp: 524619

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

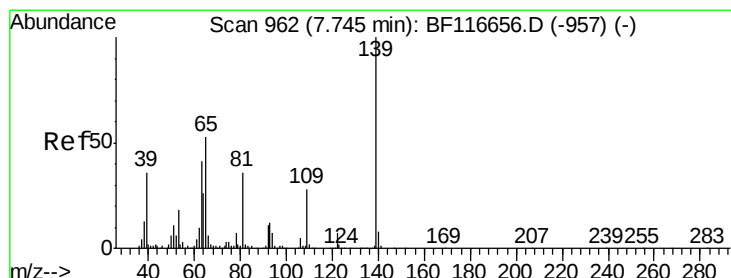
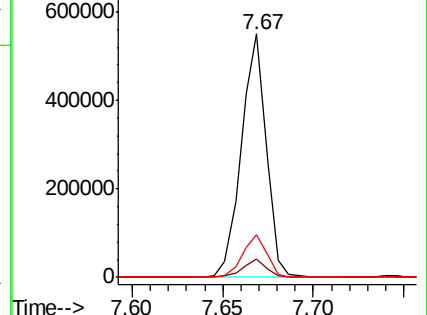
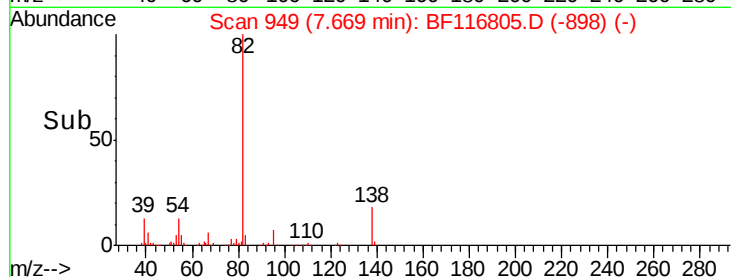
138 17.3 13.5 20.3



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: 53.050 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

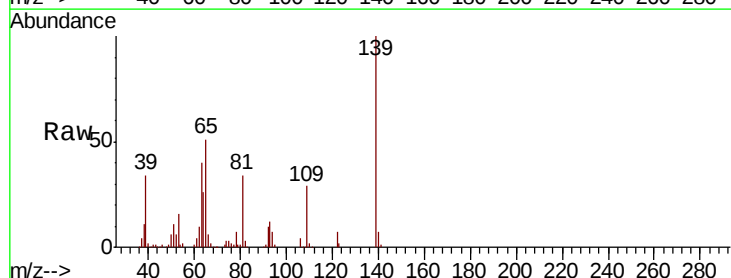
Tgt Ion: 139 Resp: 131823

Ion Ratio Lower Upper

139 100

109 29.3 27.1 40.7

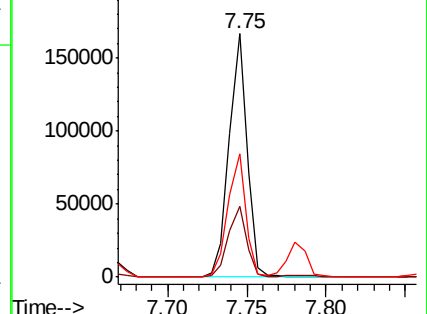
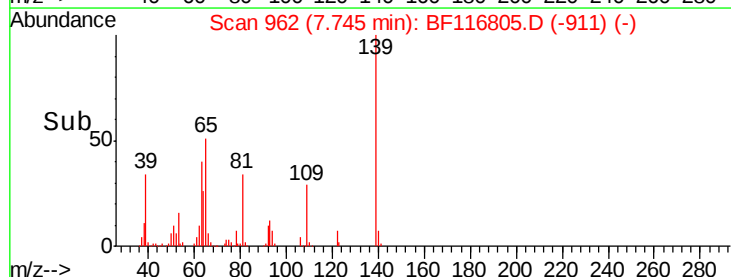
65 50.7 43.0 64.6



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

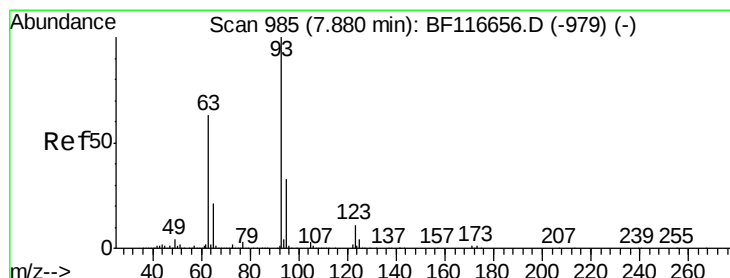
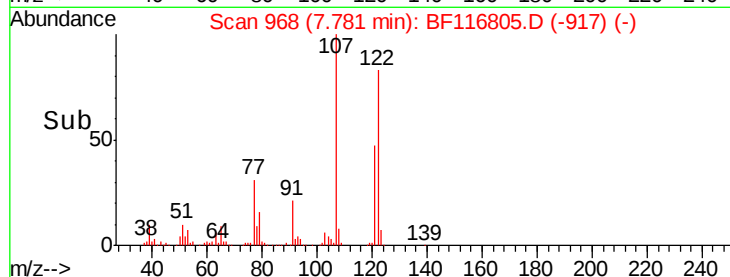
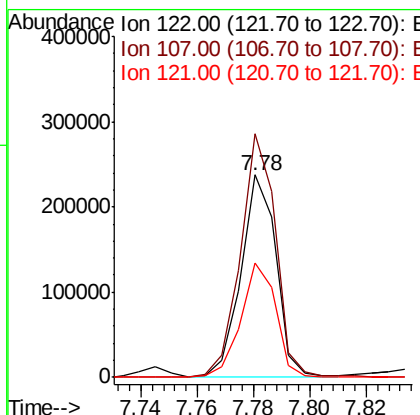
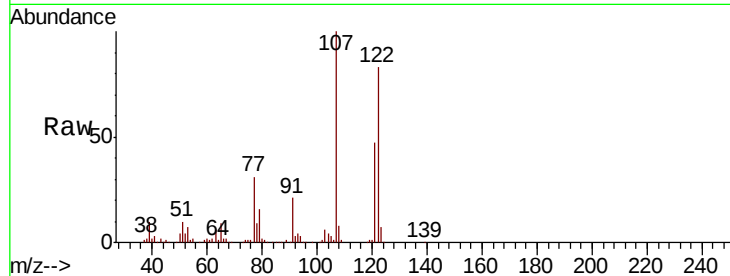




#27
2,4-Dimethylphenol
Concen: 41.013 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

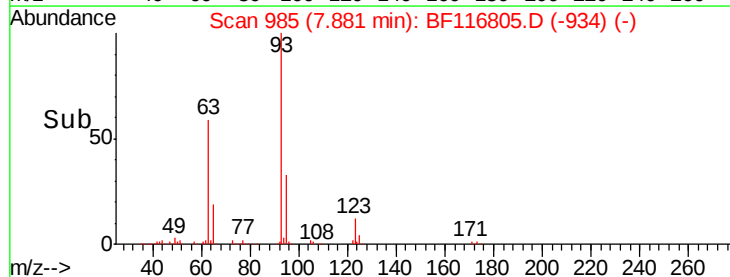
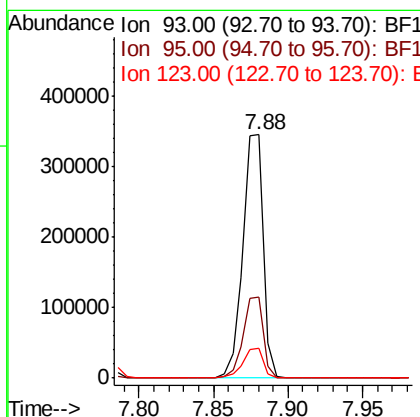
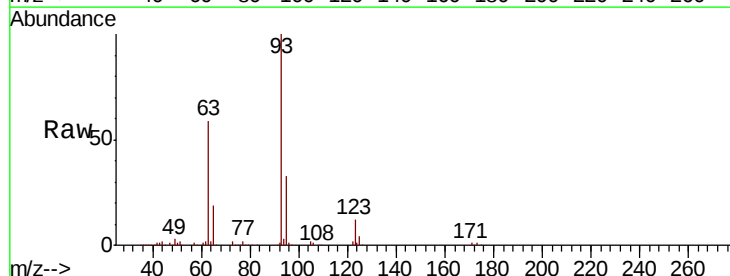
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.5	98.1	147.1
121	56.6	47.3	70.9



#28
bis(2-Chloroethoxy)methane
Concen: 40.188 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.4	39.6
123	12.0	9.8	14.8

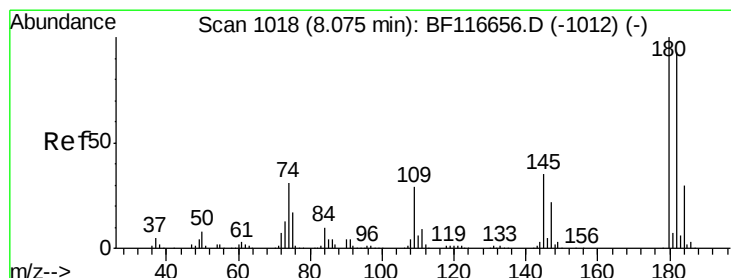
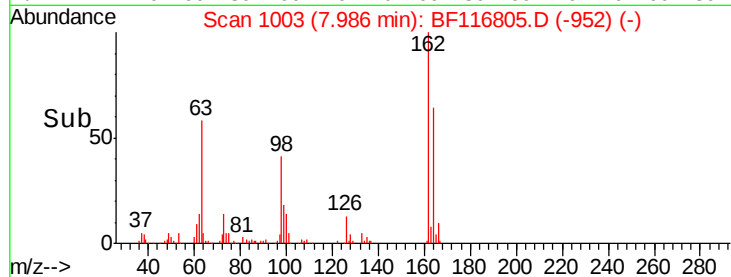
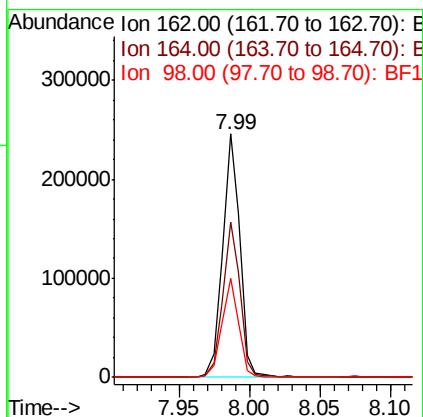
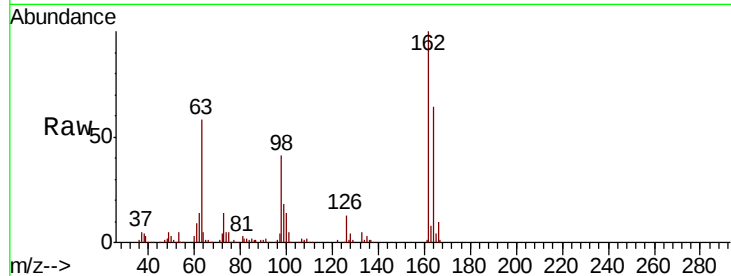




#29
 2,4-Dichlorophenol
 Concen: 43.414 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF116805.D
 Acq: 4 Sep 2019 10:30

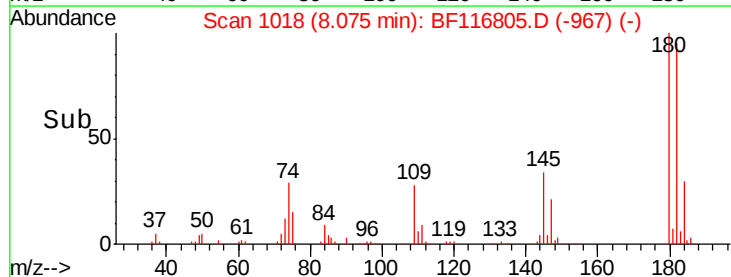
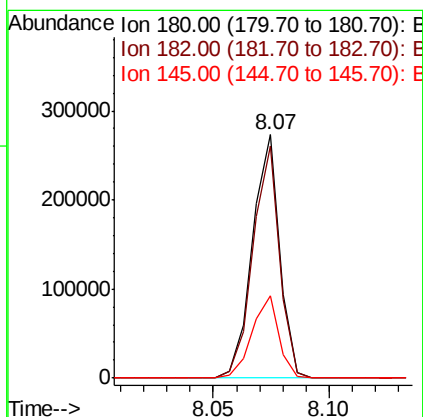
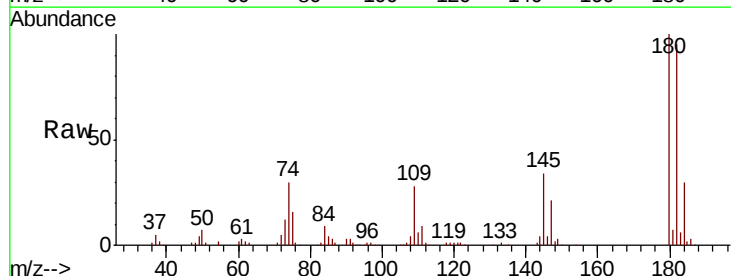
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

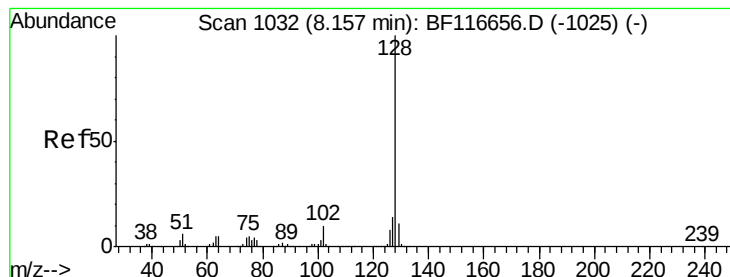
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.4	83.4
98	40.8	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.899 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF116805.D
 Acq: 4 Sep 2019 10:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	78.6	118.0
145	33.9	25.7	38.5





#31

Naphthalene

Concen: 41.953 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

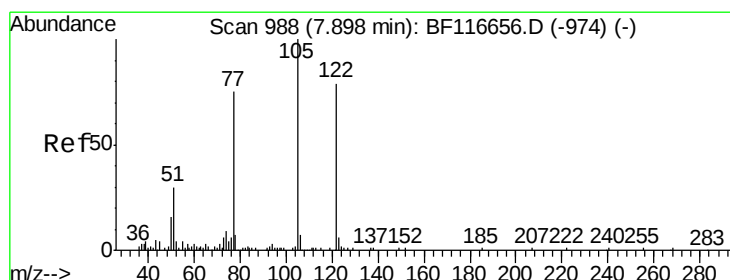
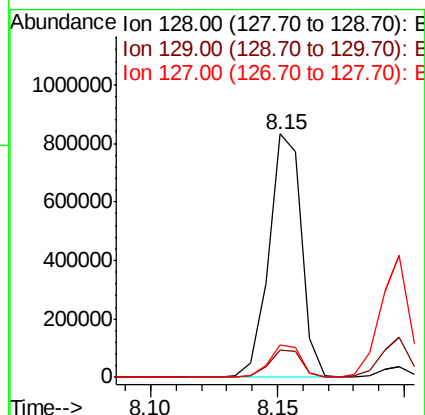
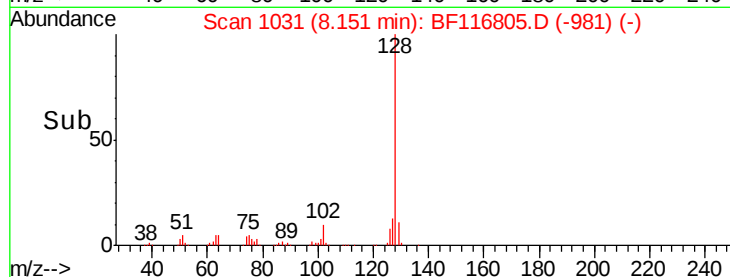
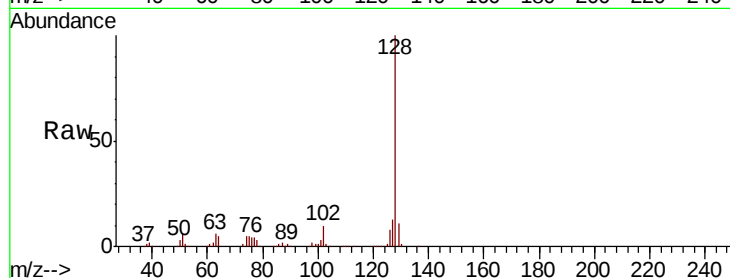
Tot Ion:128 Resp: 748421

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

127 13.2 10.4 15.6



#32

Benzoic acid

Concen: 21.433 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

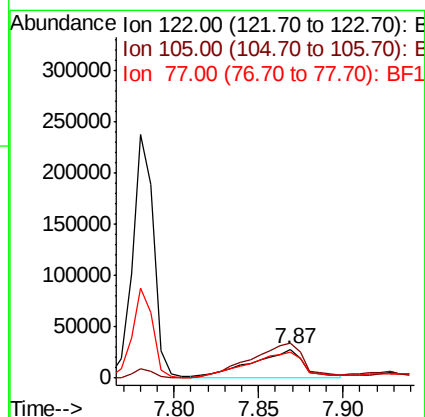
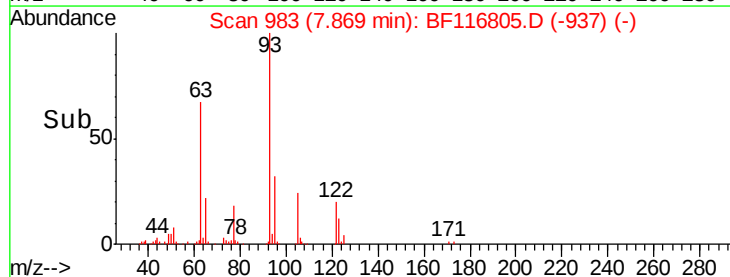
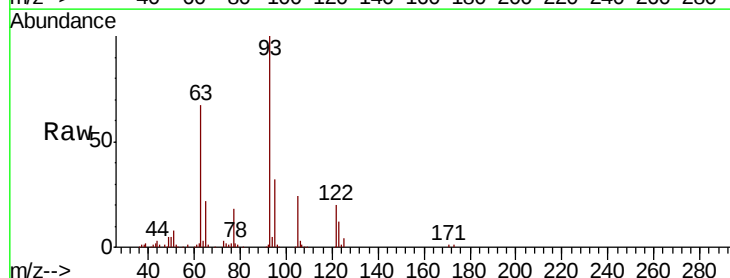
Tgt Ion:122 Resp: 60733

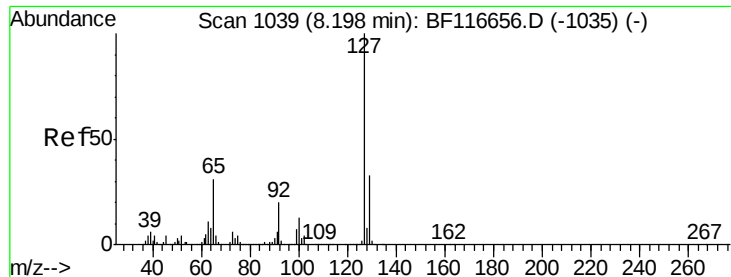
Ion Ratio Lower Upper

122 100

105 121.0 110.0 150.0

77 89.8 81.7 121.7

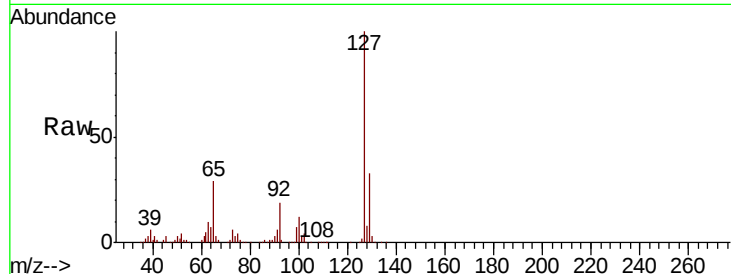




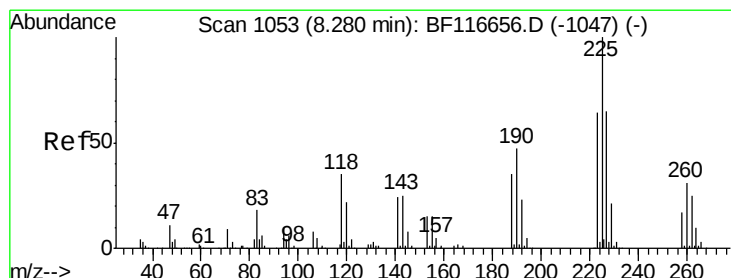
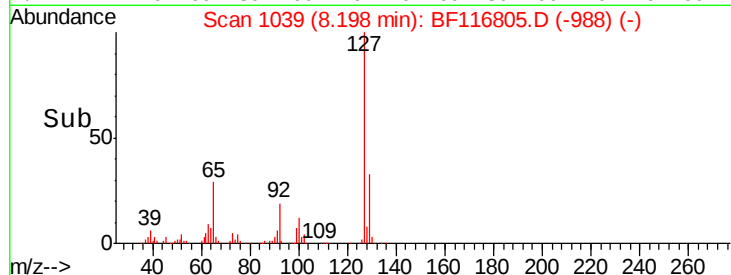
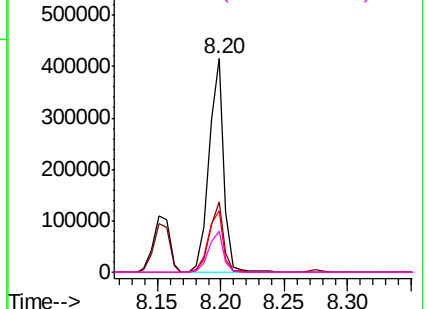
#33
4-Chloroaniline
Concen: 41.507 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	337057
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.2	39.2
65	28.7	26.0	39.0
92	19.4	16.1	24.1

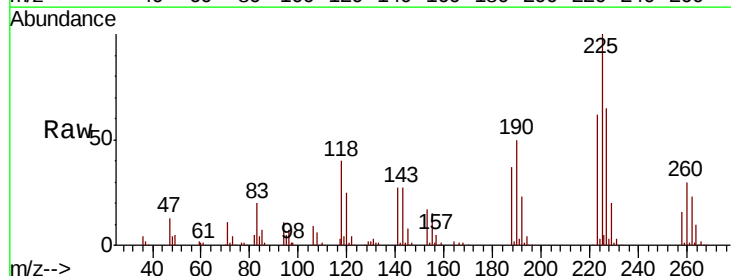


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

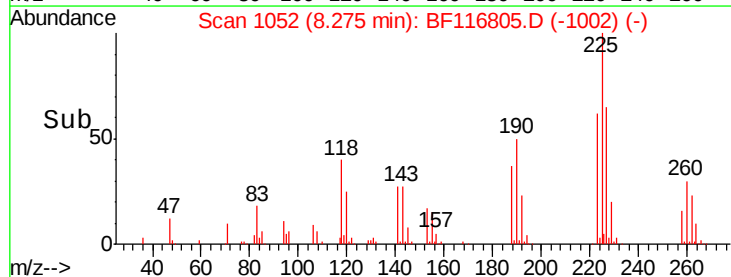
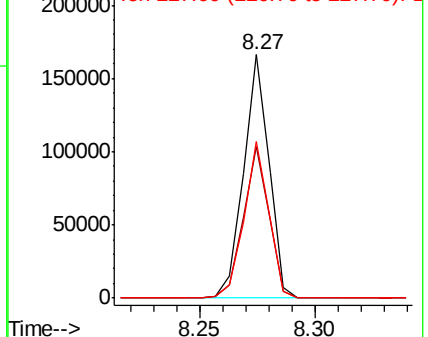


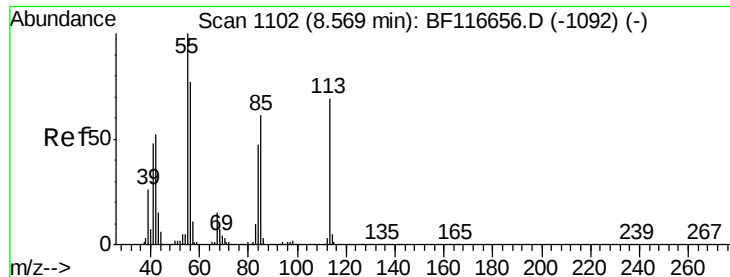
#34
Hexachlorobutadiene
Concen: 44.759 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

Tgt Ion:	225	Resp:	127665
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.4	74.2
227	64.5	51.0	76.4



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: 37.866 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

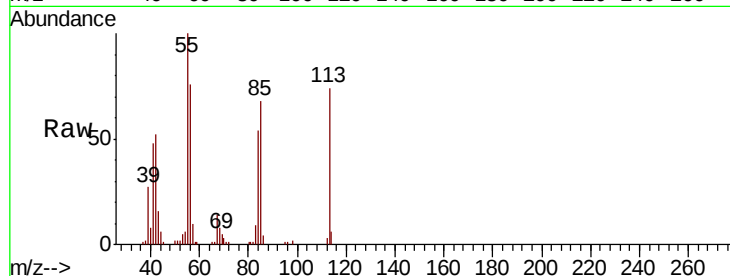
Tot Ion:113 Resp: 68345

Ion Ratio Lower Upper

113 100

55 135.8 124.3 164.3

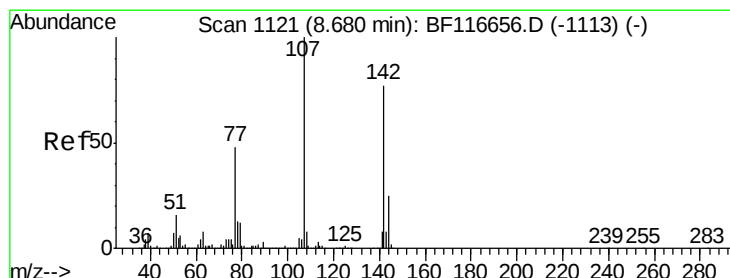
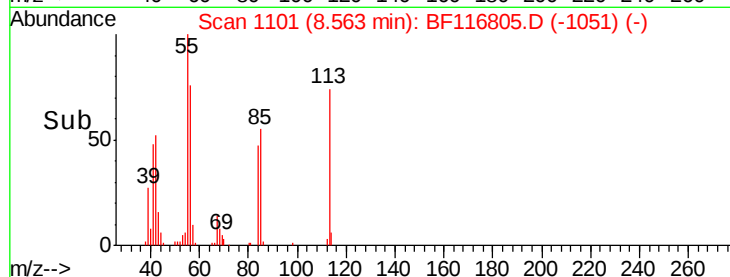
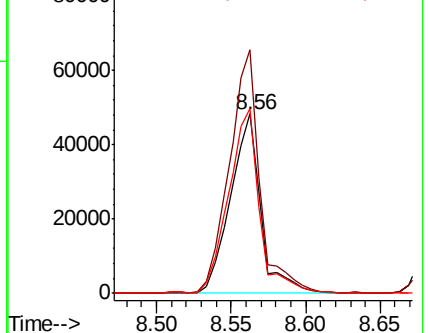
56 102.9 94.6 134.6



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: 43.135 ng

RT: 8.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

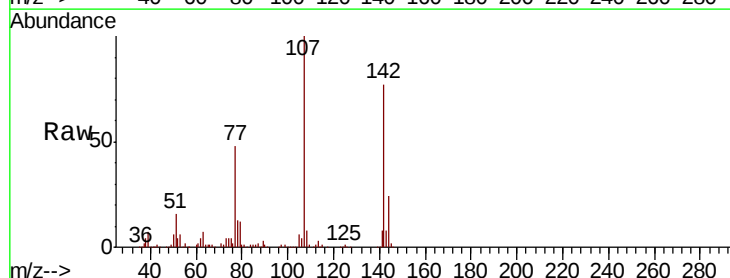
Tgt Ion:107 Resp: 239101

Ion Ratio Lower Upper

107 100

144 24.4 18.6 27.8

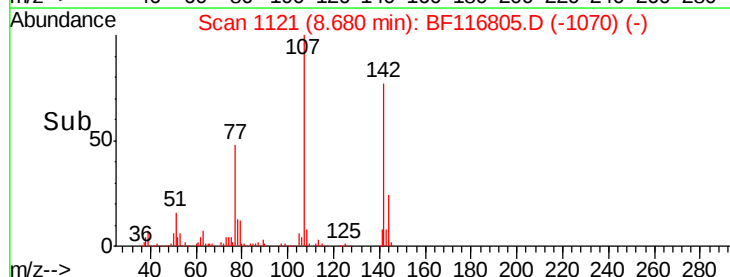
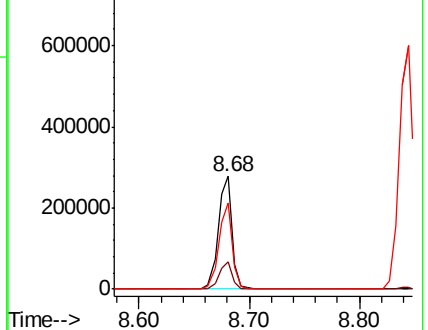
142 77.0 58.5 87.7

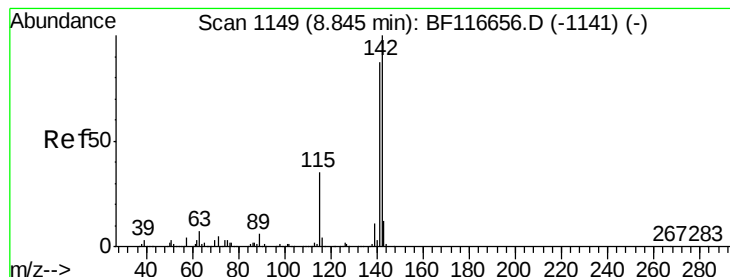


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.854 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

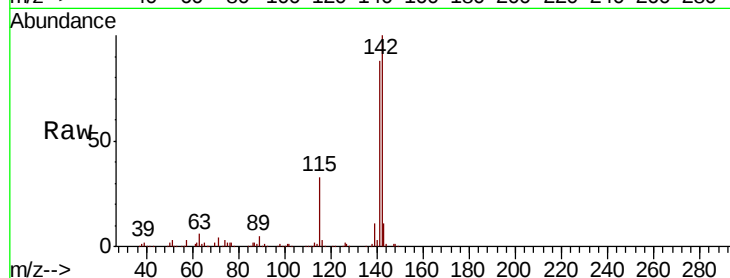
Tot Ion:142 Resp: 508661

Ion Ratio Lower Upper

142 100

141 87.7 72.6 109.0

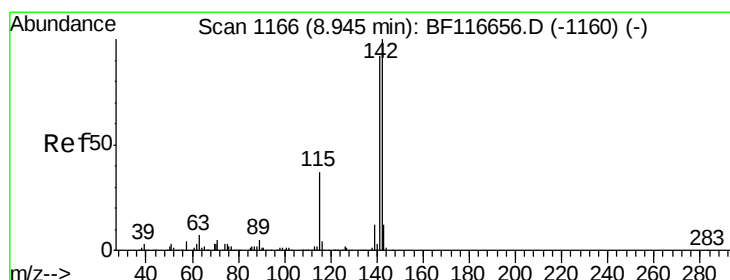
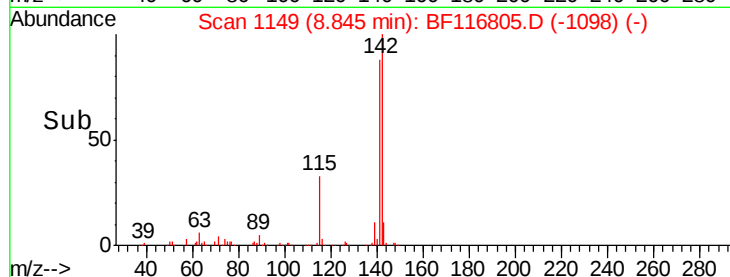
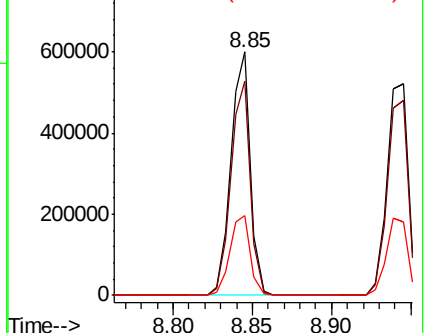
115 32.7 29.8 44.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.034 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

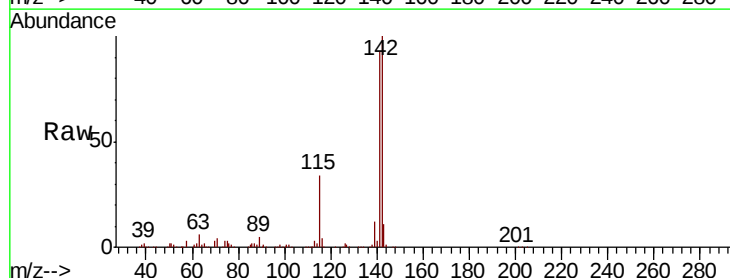
Tgt Ion:142 Resp: 482182

Ion Ratio Lower Upper

142 100

141 92.6 73.9 110.9

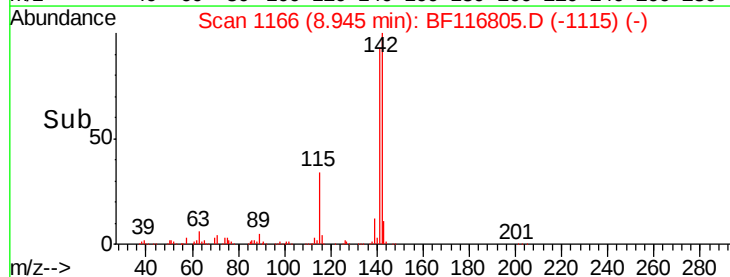
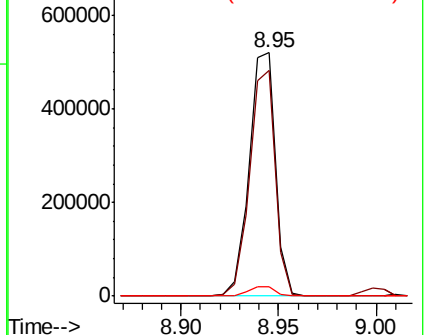
116 3.7 3.0 4.6

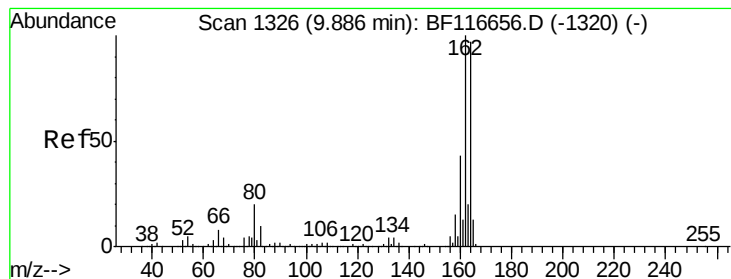


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

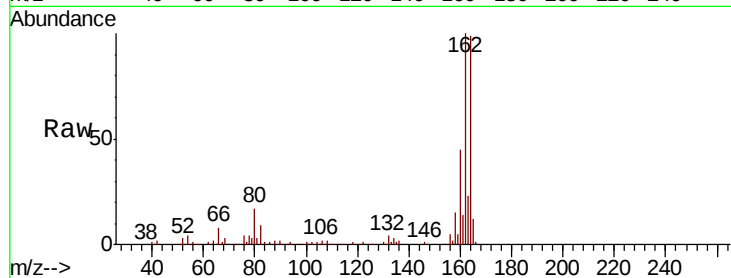
Tot Ion:164 Resp: 187745

Ion Ratio Lower Upper

164 100

162 100.5 81.4 122.0

160 45.3 35.4 53.2

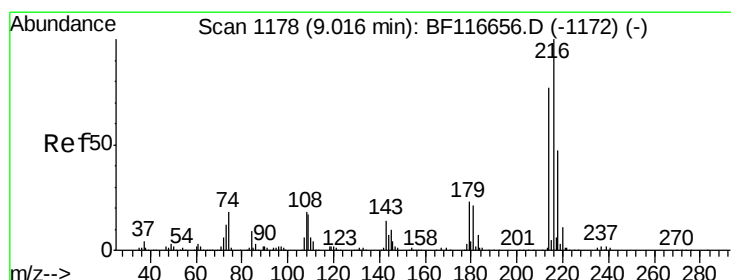
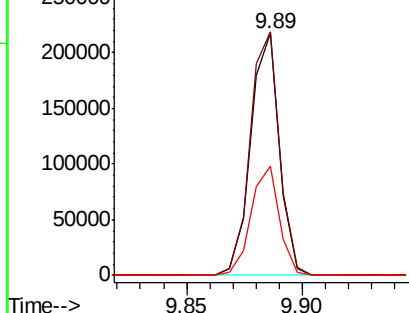
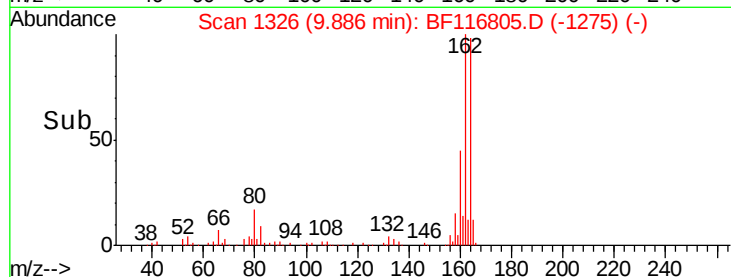


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.539 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Tgt Ion:216 Resp: 204953

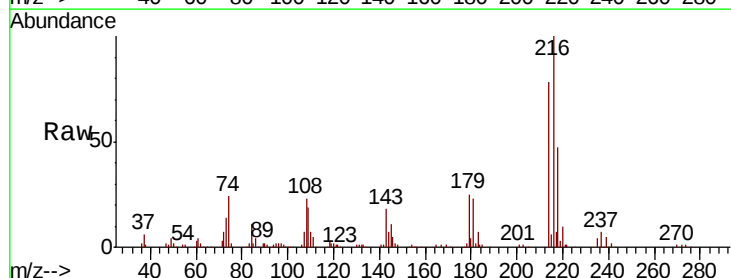
Ion Ratio Lower Upper

216 100

214 77.6 62.7 94.1

179 23.6 19.3 28.9

108 23.0 16.6 25.0



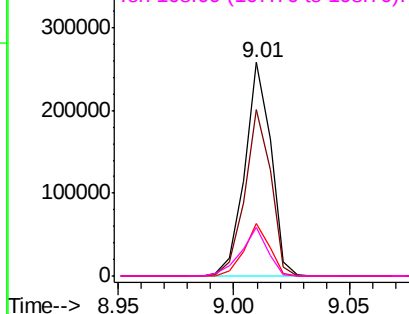
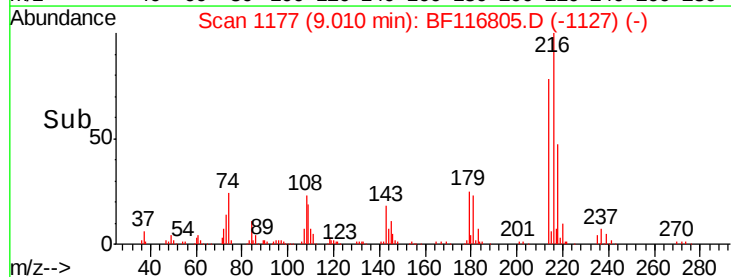
Abundance

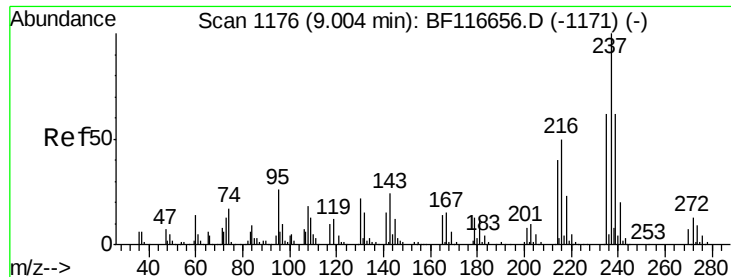
Ion 216.00 (215.70 to 216.70): E

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: 38.025 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

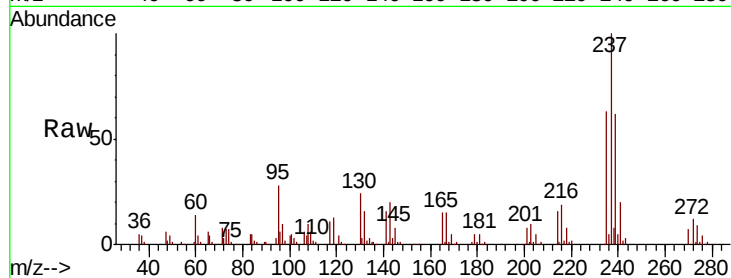
Tot Ion:237 Resp: 98825

Ion Ratio Lower Upper

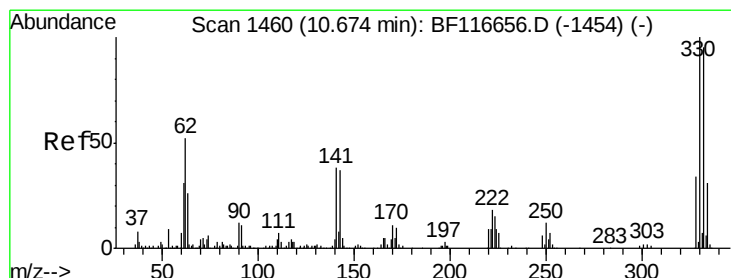
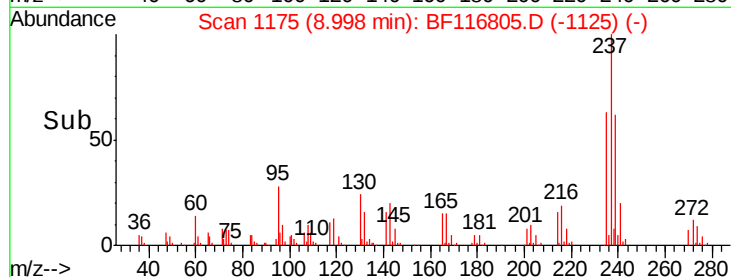
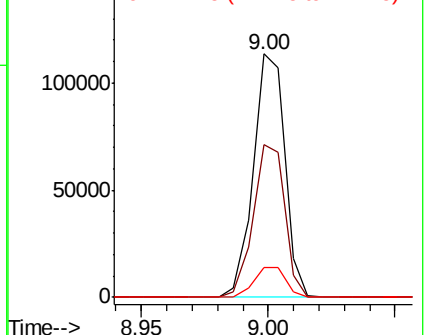
237 100

235 62.9 41.4 81.4

272 12.5 0.0 32.8



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: 104.022 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

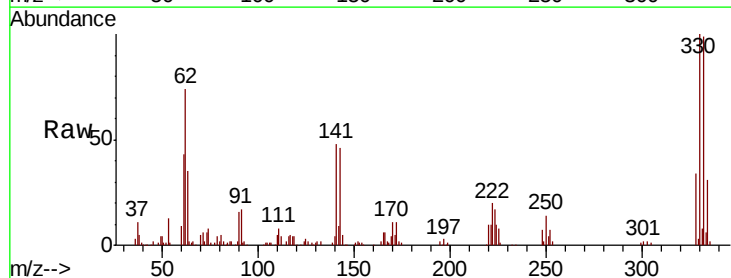
Tgt Ion:330 Resp: 130560

Ion Ratio Lower Upper

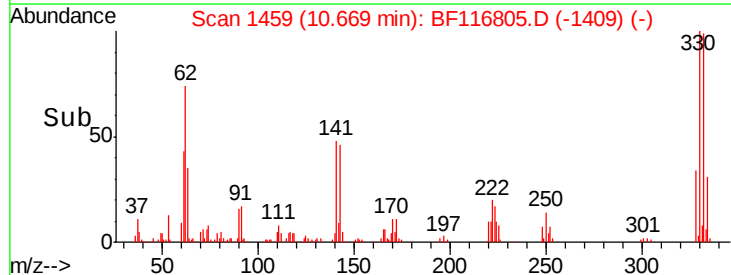
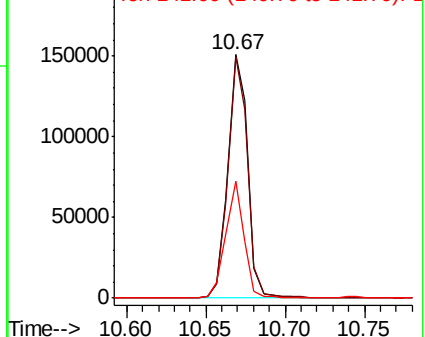
330 100

332 98.1 76.9 115.3

141 44.1 31.4 47.2



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

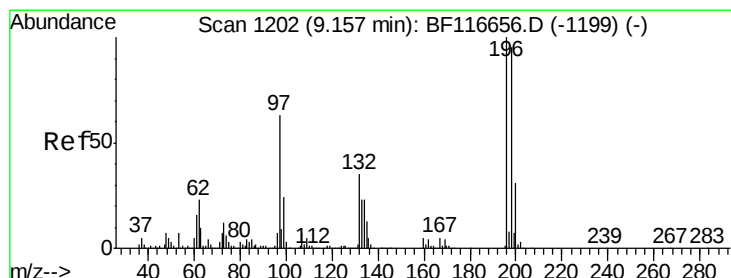
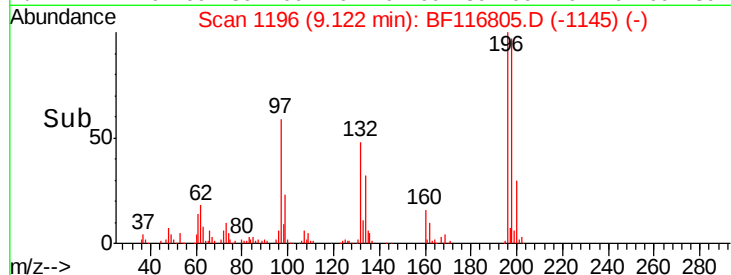
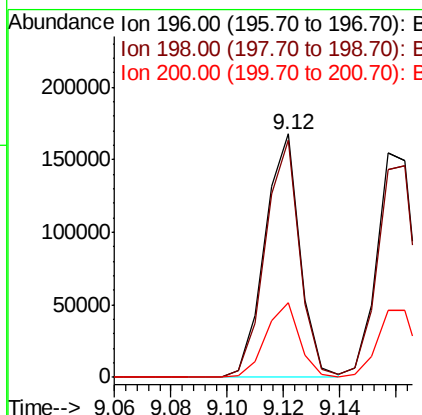
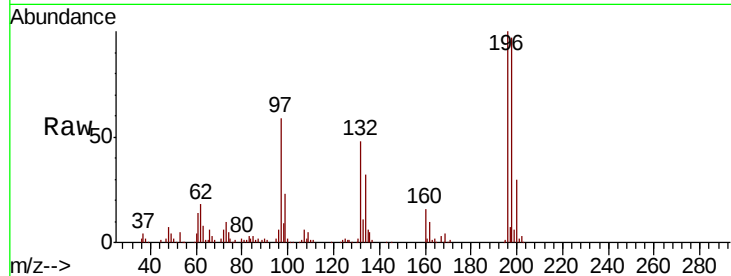




#43
 2,4,6-Trichlorophenol
 Concen: 46.815 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116805.D
 Acq: 4 Sep 2019 10:30

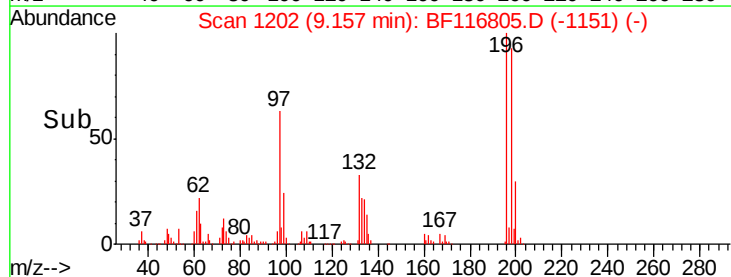
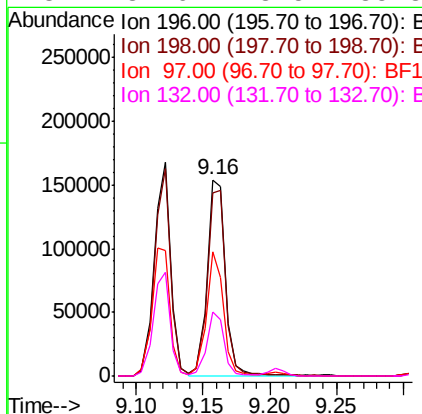
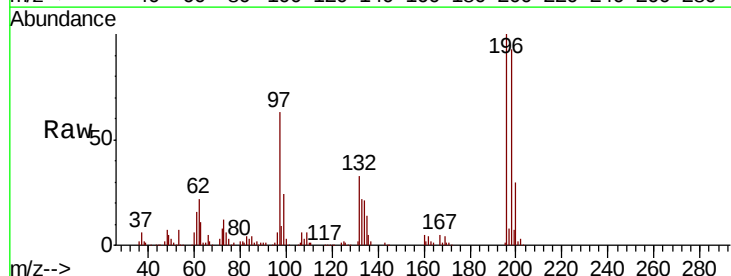
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

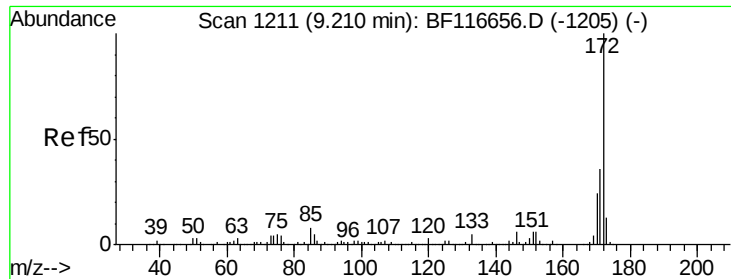
Tot Ion:196 Resp: 144431
 Ion Ratio Lower Upper
 196 100
 198 97.2 79.1 118.7
 200 30.5 24.0 36.0



#44
 2,4,5-Trichlorophenol
 Concen: 46.577 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF116805.D
 Acq: 4 Sep 2019 10:30

Tgt Ion:196 Resp: 149181
 Ion Ratio Lower Upper
 196 100
 198 92.9 78.1 117.1
 97 63.1 41.6 62.4#
 132 32.6 23.5 35.3



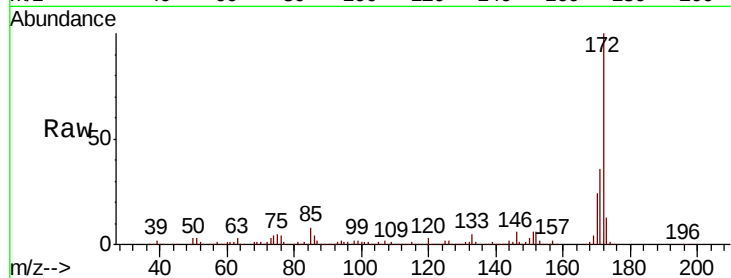


#45
 2-Fluorobiphenyl
 Concen: 91.450 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116805.D
 Acq: 4 Sep 2019 10:30

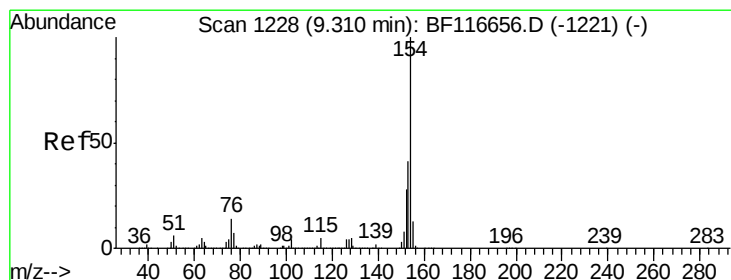
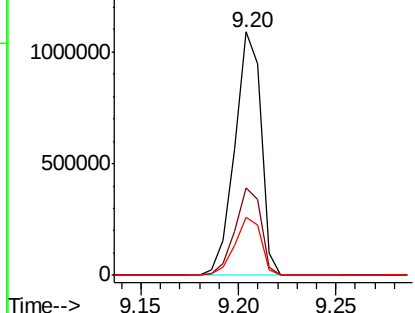
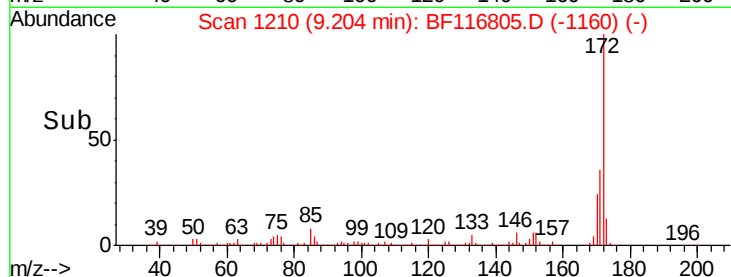
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 1017803

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.6
170	23.8	18.9	28.3



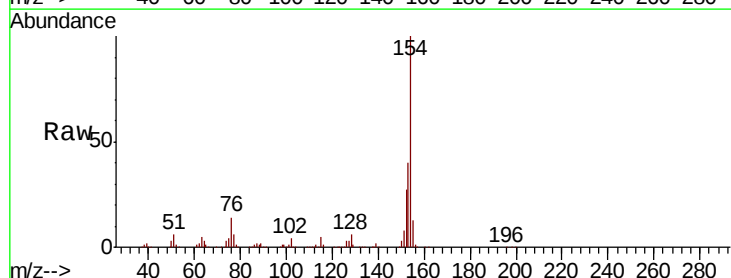
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



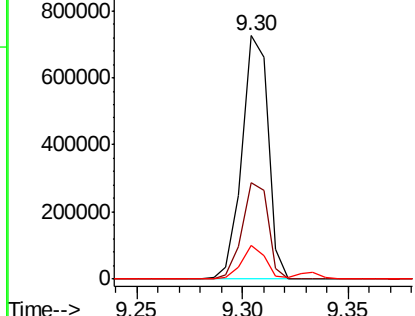
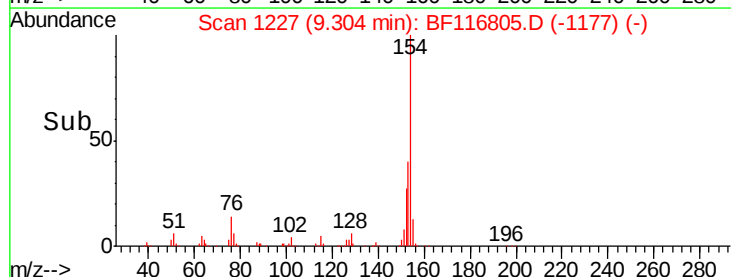
#46
 1,1'-Biphenyl
 Concen: 43.746 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF116805.D
 Acq: 4 Sep 2019 10:30

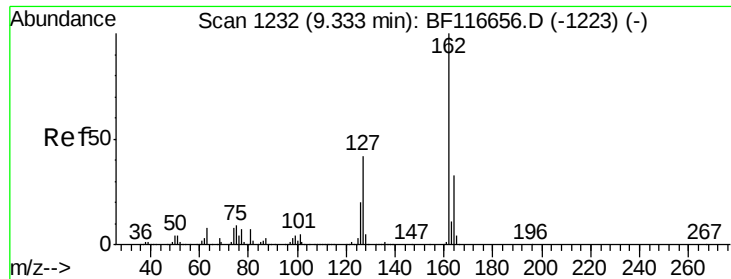
Tgt Ion:154 Resp: 623219

Ion	Ratio	Lower	Upper
154	100		
153	39.6	21.2	61.2
76	13.6	0.0	30.9



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

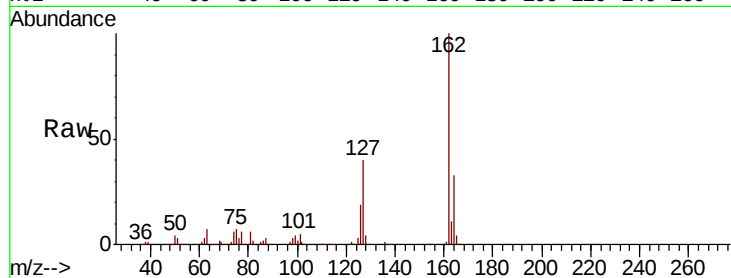




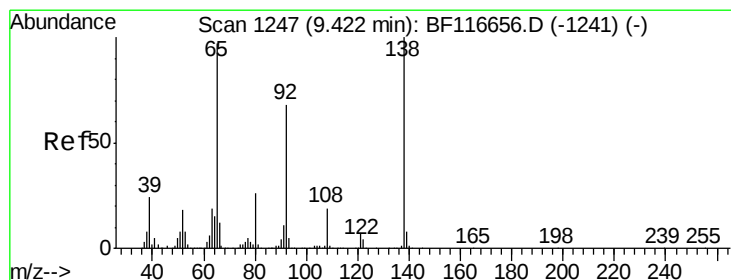
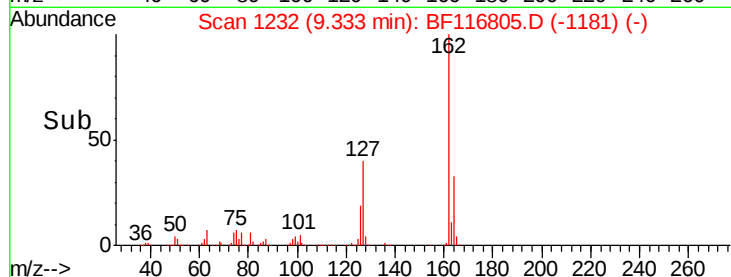
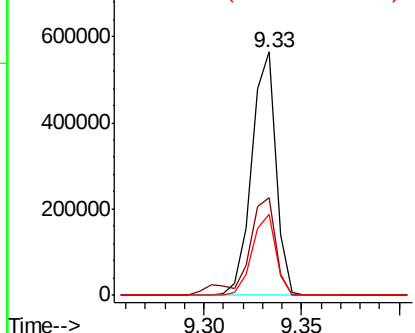
#47
 2-Chloronaphthalene
 Concen: 43.050 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF116805.D
 Acq: 4 Sep 2019 10:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 485759
 Ion Ratio Lower Upper
 162 100
 127 40.2 33.4 50.2
 164 33.1 26.6 39.8

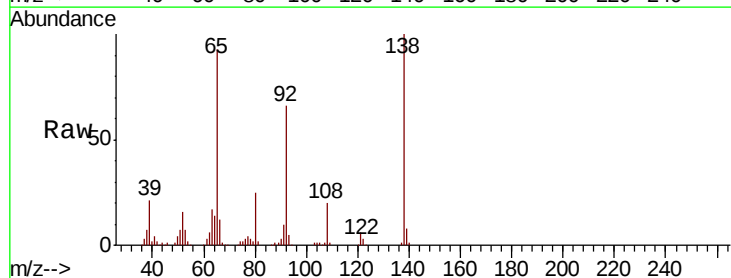


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

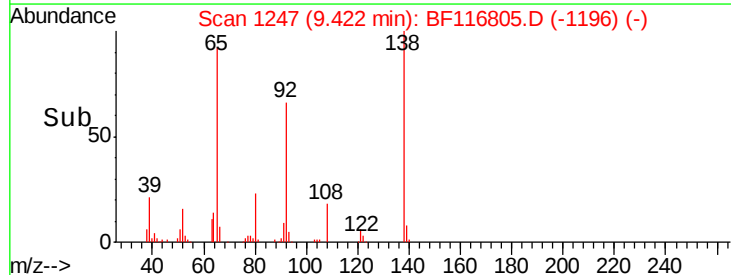
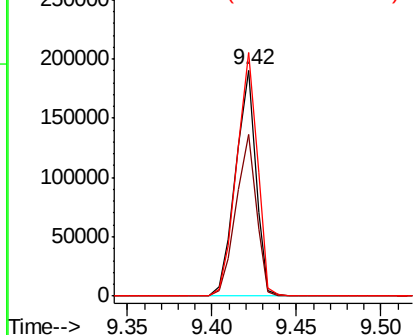


#48
 2-Nitroaniline
 Concen: 48.960 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF116805.D
 Acq: 4 Sep 2019 10:30

Tgt Ion: 65 Resp: 159713
 Ion Ratio Lower Upper
 65 100
 92 71.2 57.1 85.7
 138 107.6 88.2 132.2



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: 42.911 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

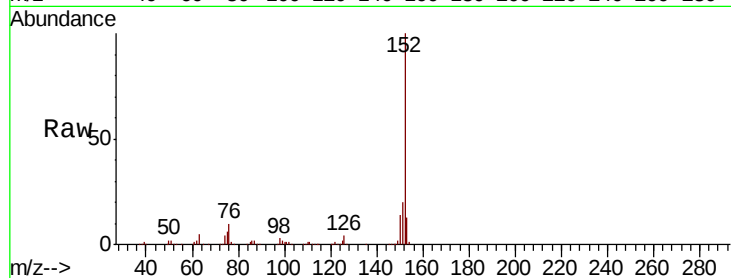
Tot Ion:152 Resp: 731926

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

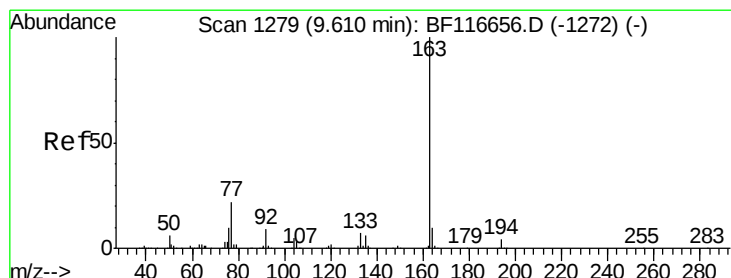
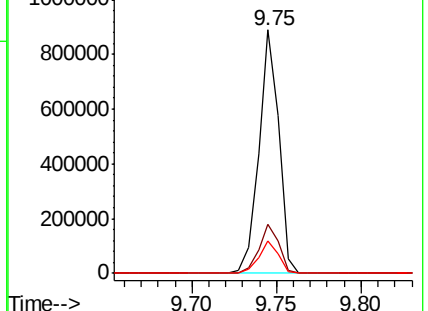
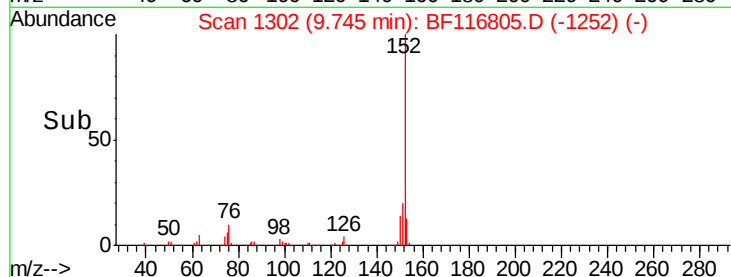
153 13.2 10.9 16.3



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: 42.116 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

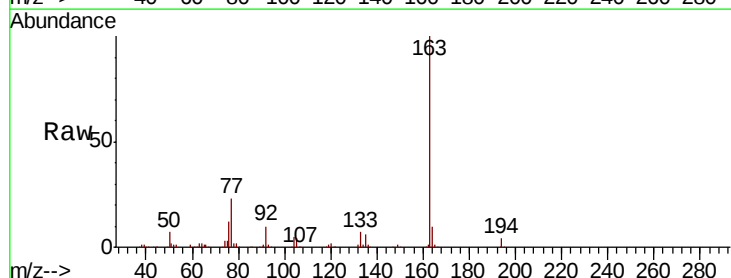
Tgt Ion:163 Resp: 545898

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

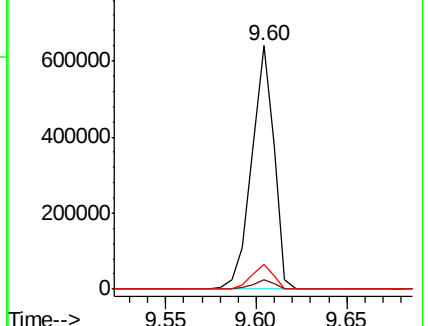
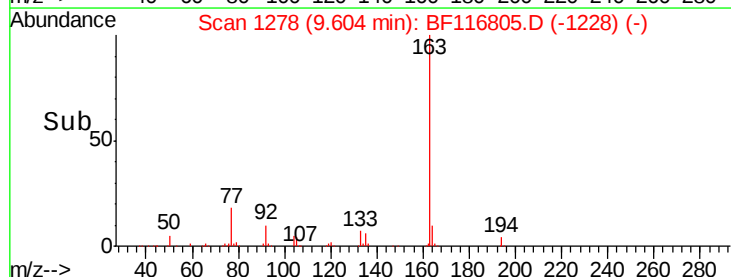
164 10.2 8.6 12.8

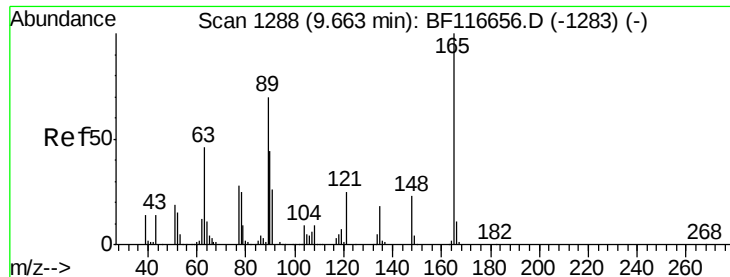


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

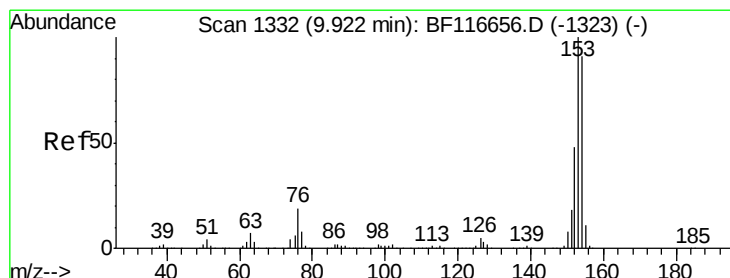
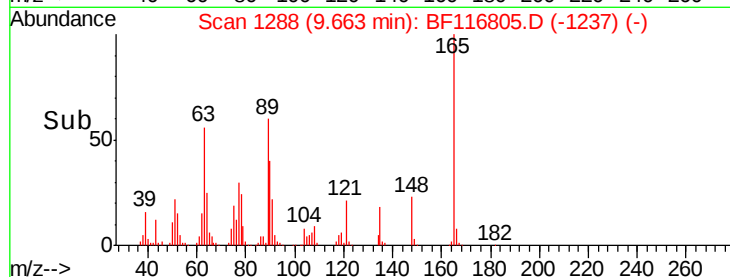
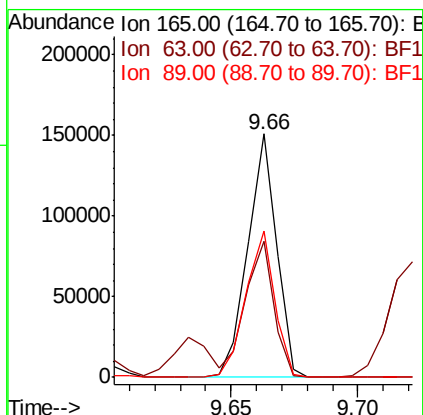
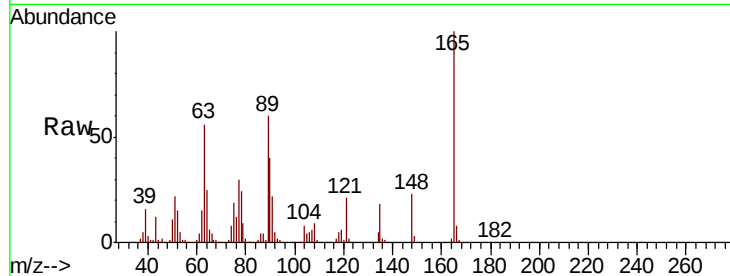




#51
2,6-Dinitrotoluene
Concen: 48.426 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

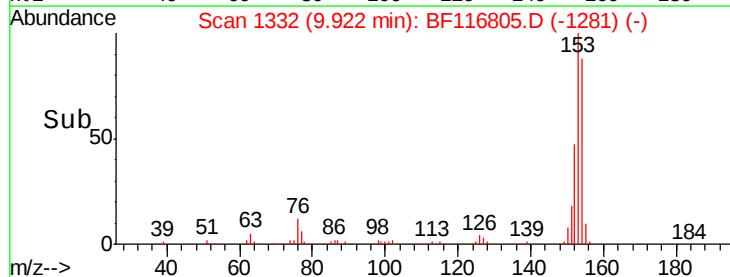
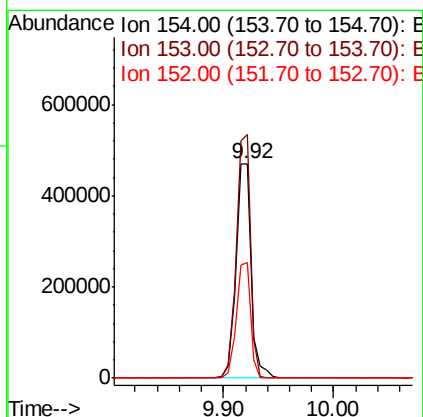
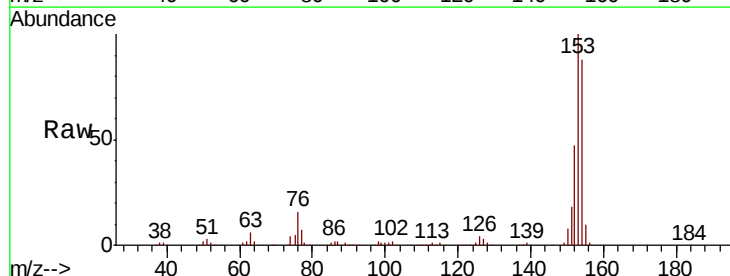
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

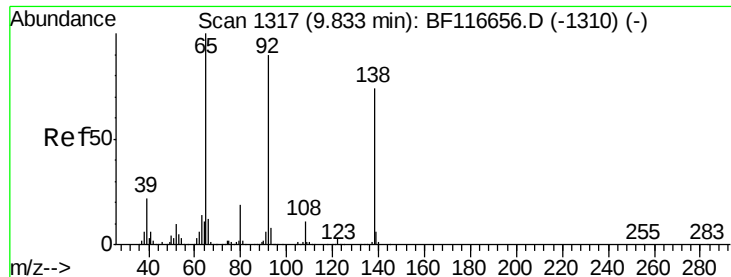
Tot Ion:165 Resp: 119760
Ion Ratio Lower Upper
165 100
63 56.0 47.3 70.9
89 59.9 52.5 78.7



#52
Acenaphthene
Concen: 43.523 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

Tgt Ion:154 Resp: 456126
Ion Ratio Lower Upper
154 100
153 113.5 89.5 134.3
152 53.8 41.9 62.9

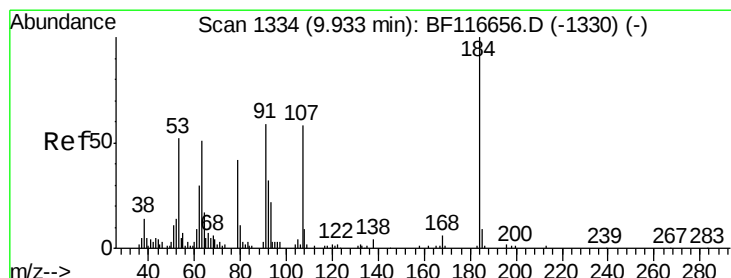
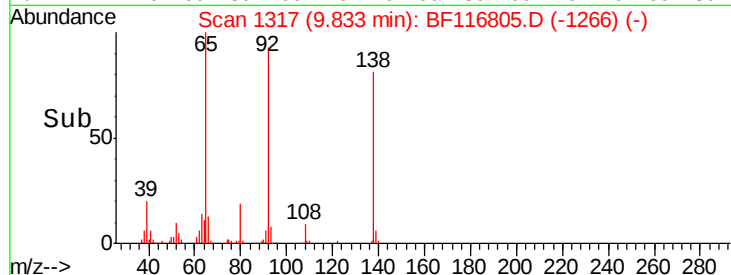
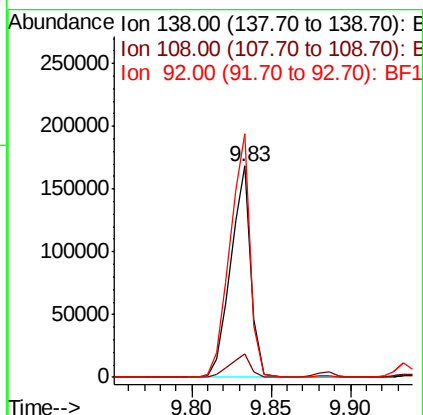
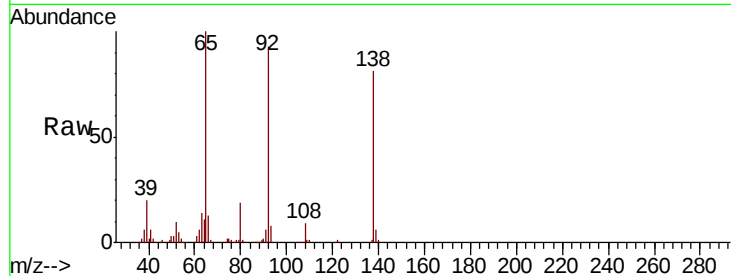




#53
3-Nitroaniline
Concen: 47.716 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

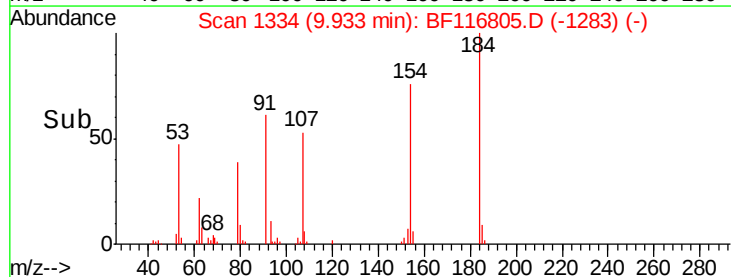
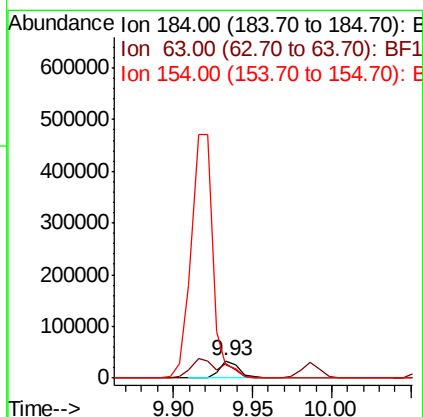
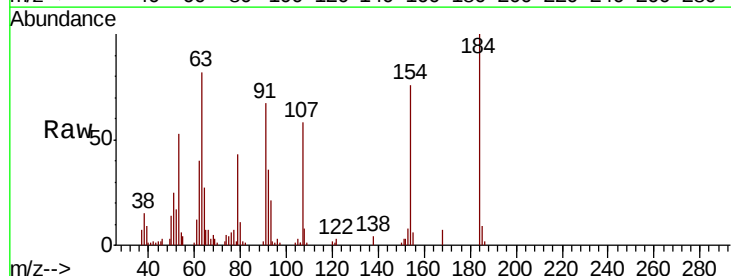
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

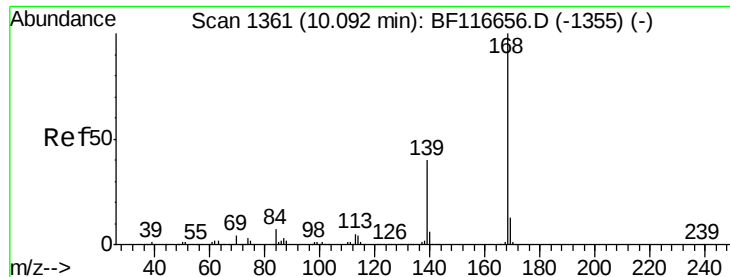
Tot Ion:138 Resp: 147881
Ion Ratio Lower Upper
138 100
108 11.1 8.5 12.7
92 115.2 87.2 130.8



#54
2,4-Dinitrophenol
Concen: 39.142 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

Tgt Ion:184 Resp: 29779
Ion Ratio Lower Upper
184 100
63 82.5 52.2 78.2#
154 76.4 60.8 91.2

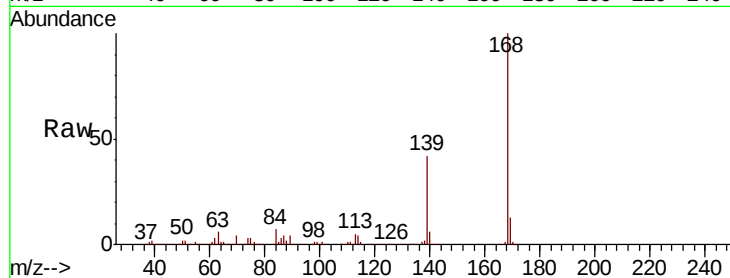




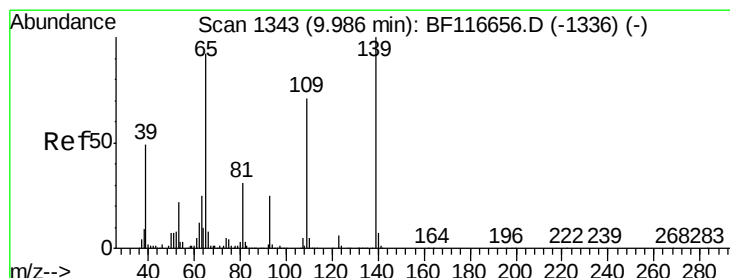
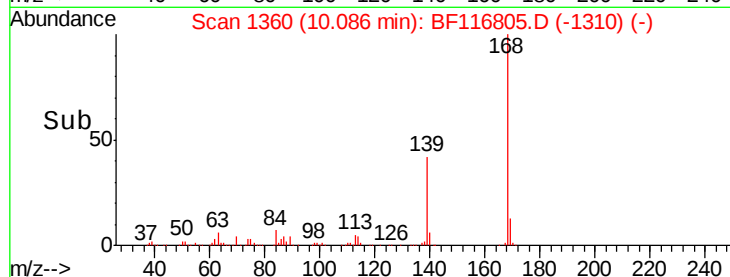
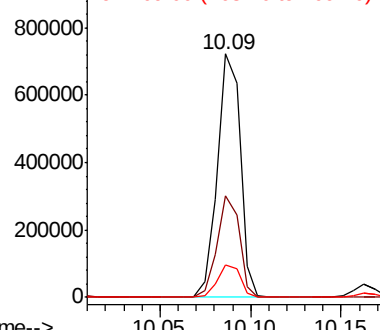
#55
Dibenzofuran
Concen: 42.947 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 634499
Ion Ratio Lower Upper
168 100
139 41.7 31.5 47.3
169 13.2 10.3 15.5

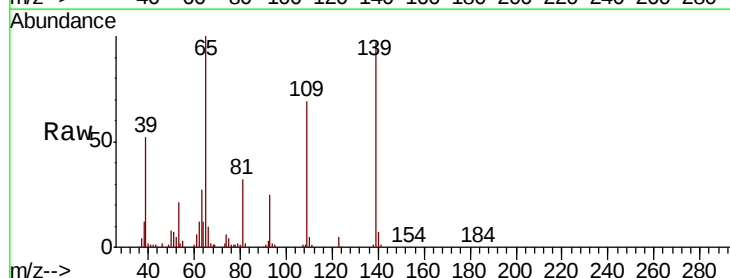


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

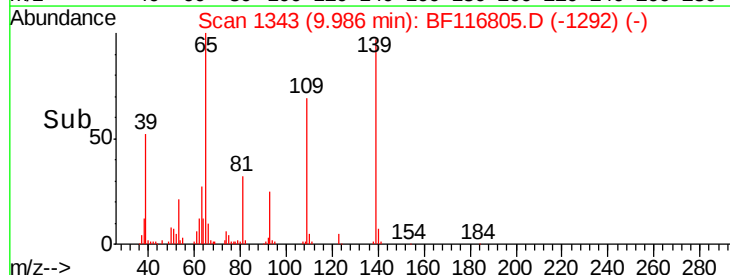
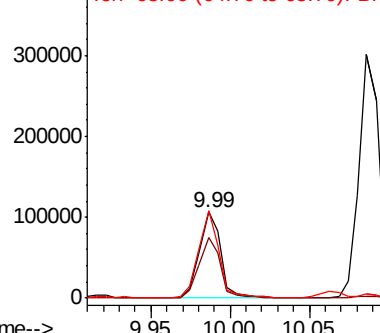


#56
4-Nitrophenol
Concen: 47.576 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

Tgt Ion:139 Resp: 101101
Ion Ratio Lower Upper
139 100
109 71.1 61.7 101.7
65 102.7 89.1 129.1



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

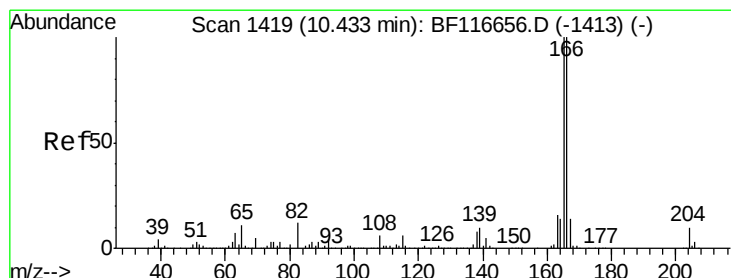
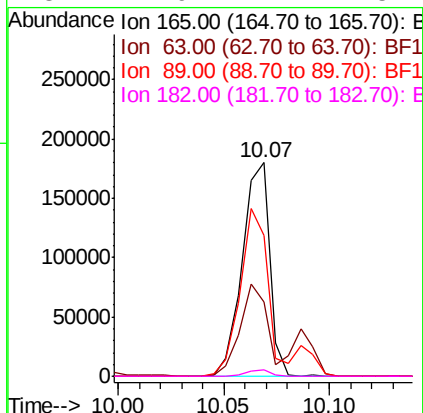
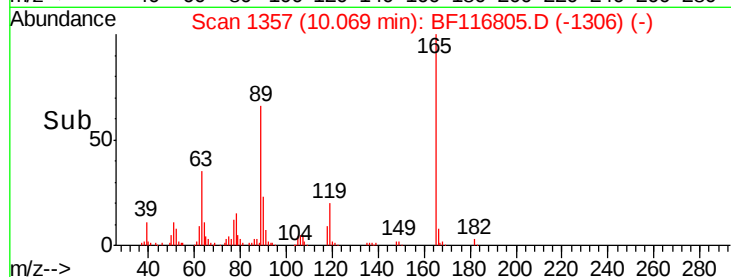
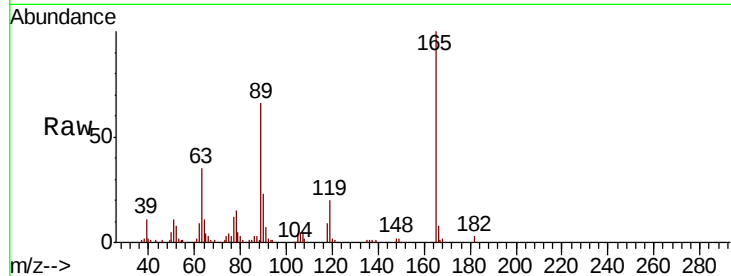




#57
 2,4-Dinitrotoluene
 Concen: 53.531 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF116805.D
 Acq: 4 Sep 2019 10:30

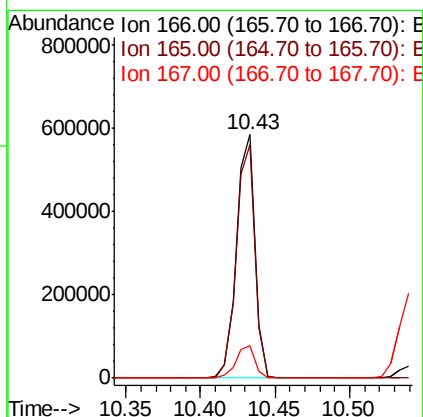
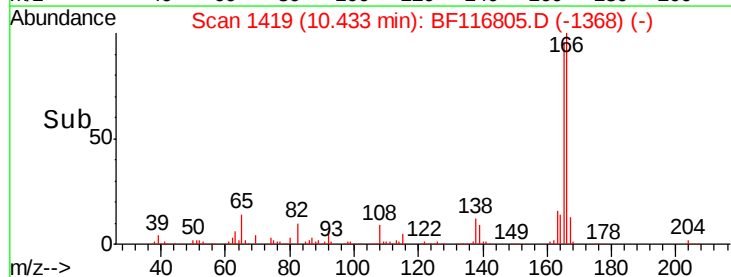
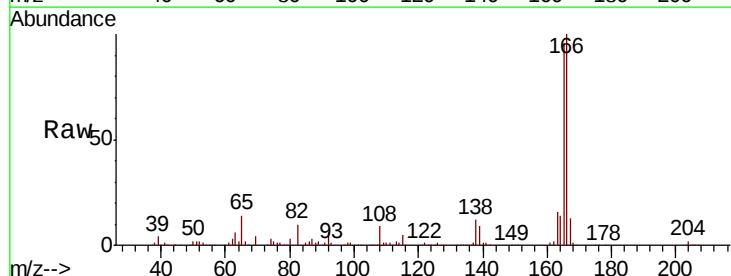
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 161873
 Ion Ratio Lower Upper
 165 100
 63 34.8 36.4 54.6#
 89 65.8 62.6 94.0
 182 2.9 2.1 3.1



#58
 Fluorene
 Concen: 45.075 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF116805.D
 Acq: 4 Sep 2019 10:30

Tgt Ion:166 Resp: 507416
 Ion Ratio Lower Upper
 166 100
 165 96.1 78.8 118.2
 167 13.3 10.0 15.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.260 ng

RT: 10.21 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 111557

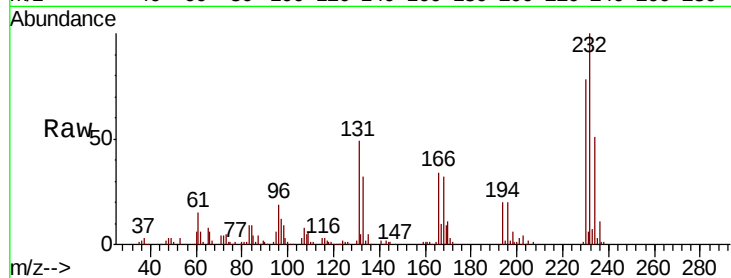
Ion Ratio Lower Upper

232 100

131 57.6 42.7 64.1

130 2.7 1.9 2.9

166 37.5 27.4 41.2

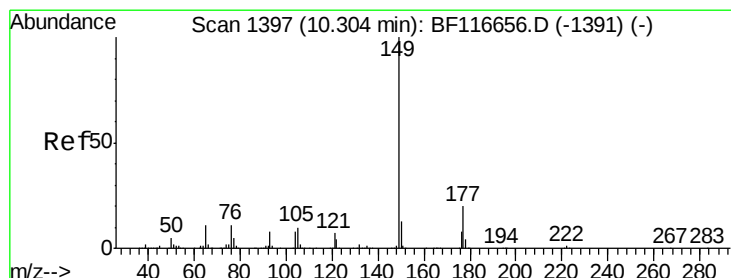
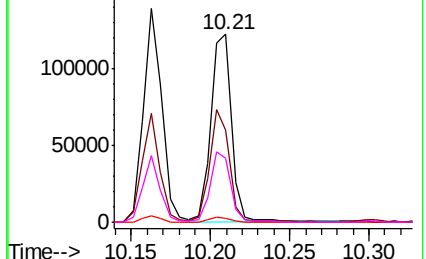
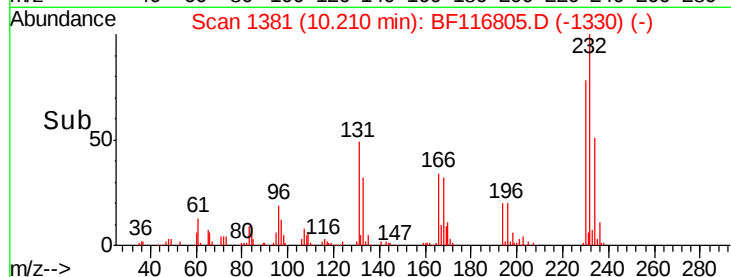


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.418 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

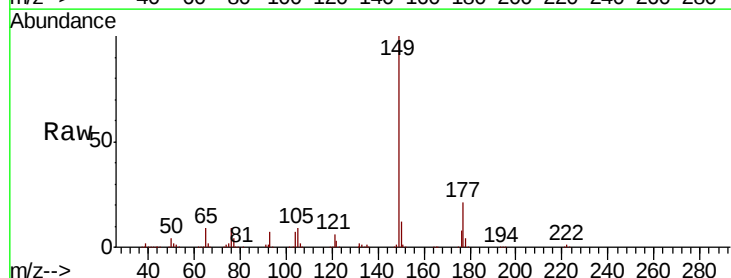
Tgt Ion:149 Resp: 550751

Ion Ratio Lower Upper

149 100

177 21.2 17.2 25.8

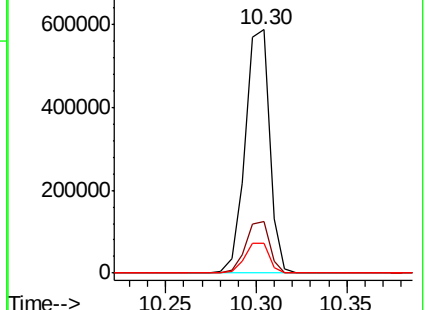
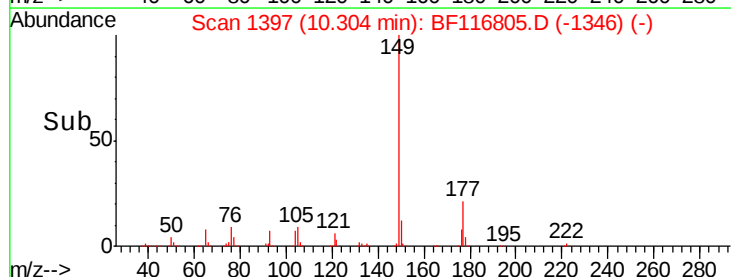
150 12.2 9.7 14.5

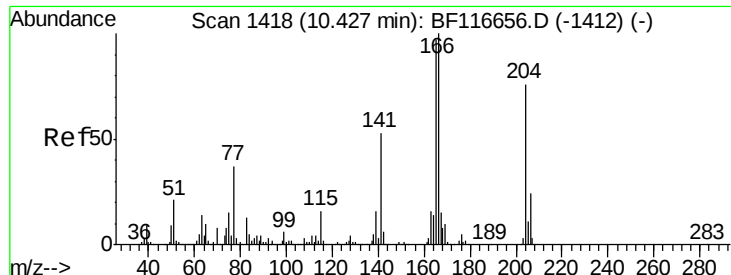


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 45.083 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

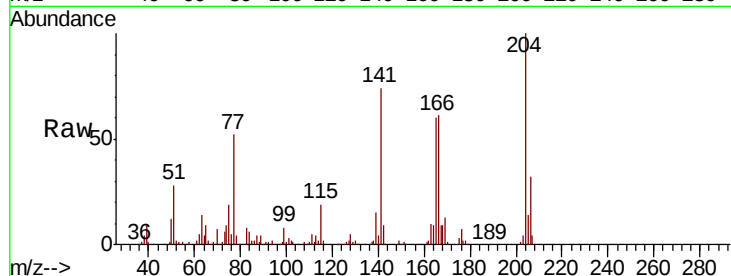
Tot Ion:204 Resp: 222237

Ion Ratio Lower Upper

204 100

206 32.0 25.4 38.2

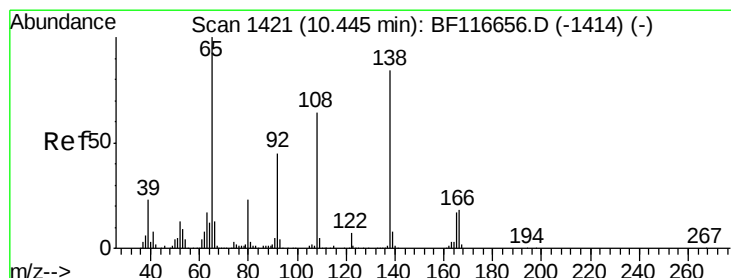
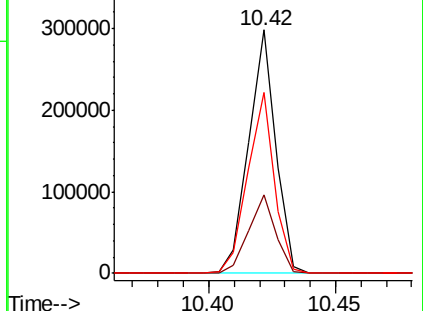
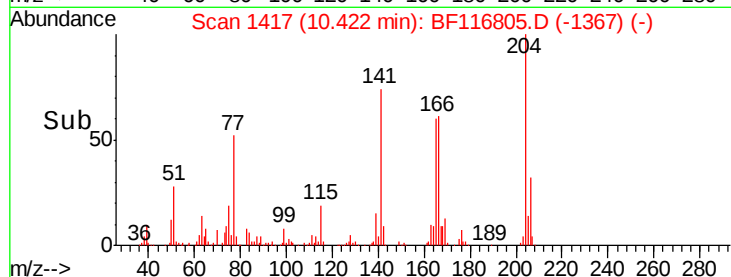
141 74.3 53.8 80.8



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 48.952 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

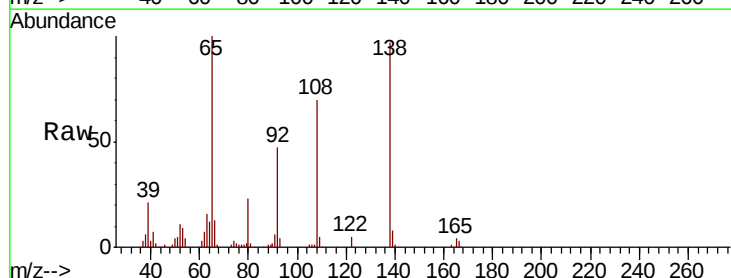
Tgt Ion:138 Resp: 147231

Ion Ratio Lower Upper

138 100

92 48.7 28.7 68.7

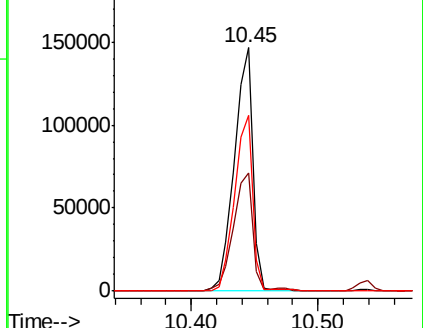
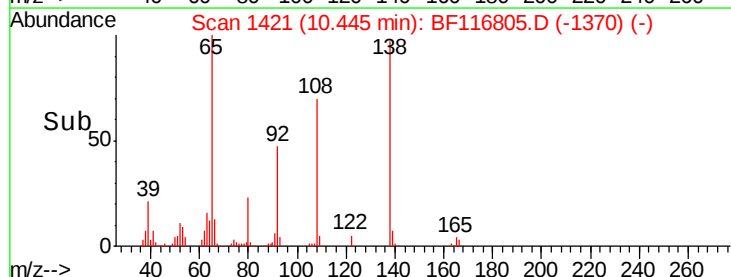
108 72.1 60.4 100.4

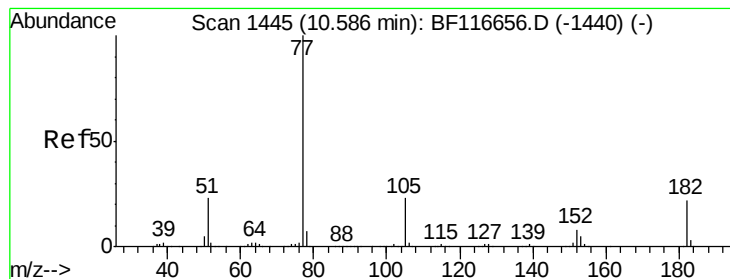


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.025 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 555416

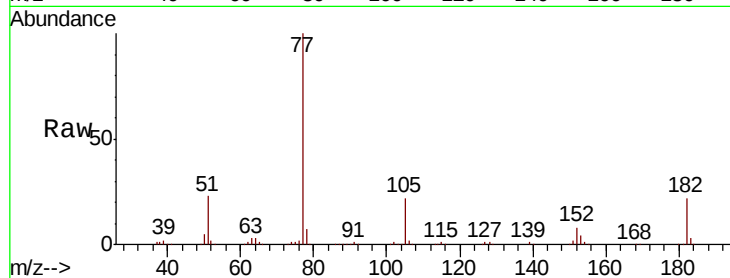
Ion Ratio Lower Upper

77 100

182 21.6 1.2 41.2

105 21.9 0.6 40.6

51 23.0 8.2 48.2

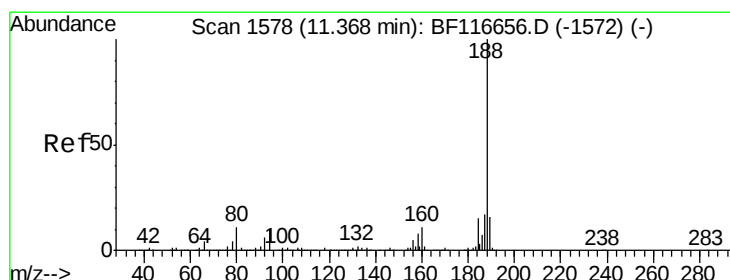
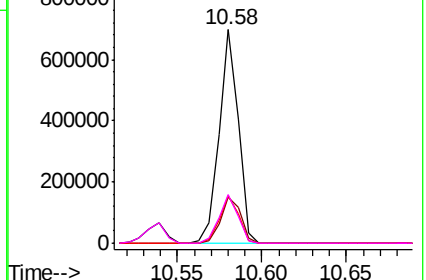
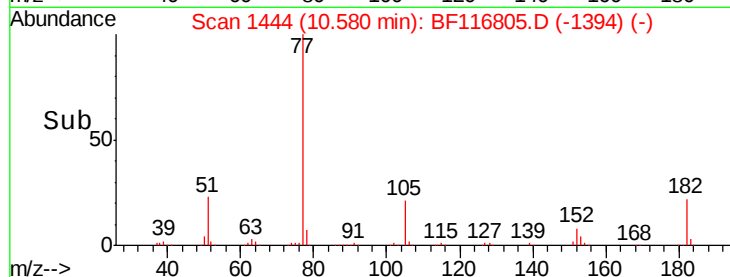


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

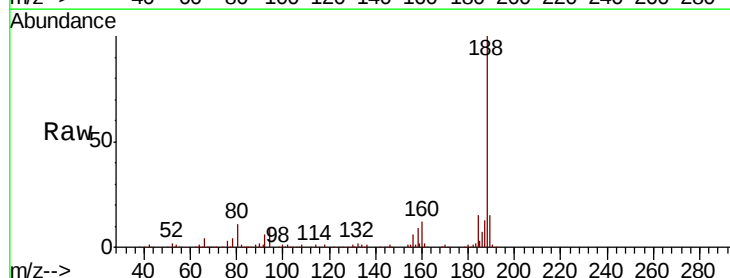
Tgt Ion: 188 Resp: 300128

Ion Ratio Lower Upper

188 100

94 9.5 7.3 10.9

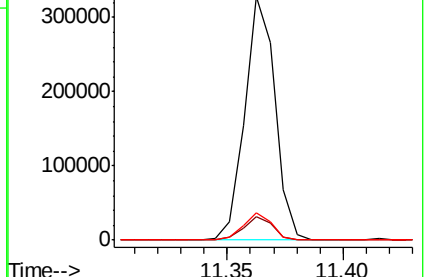
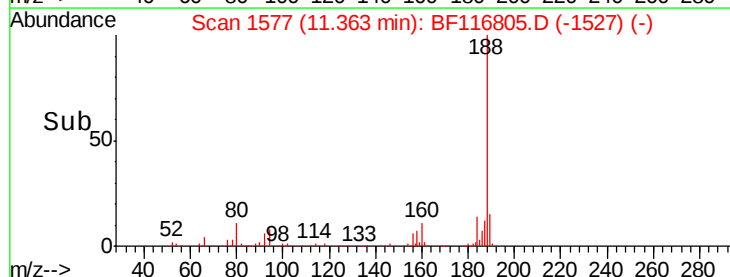
80 11.4 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

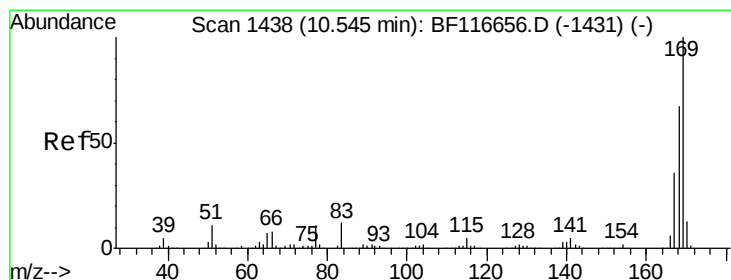
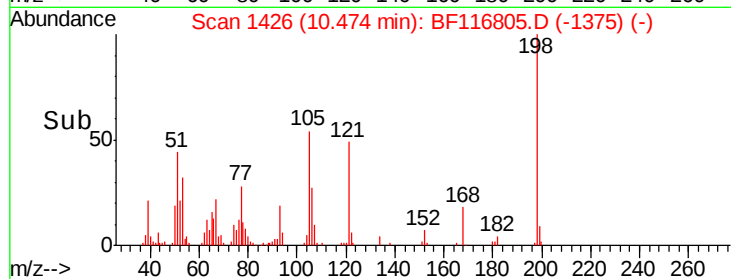
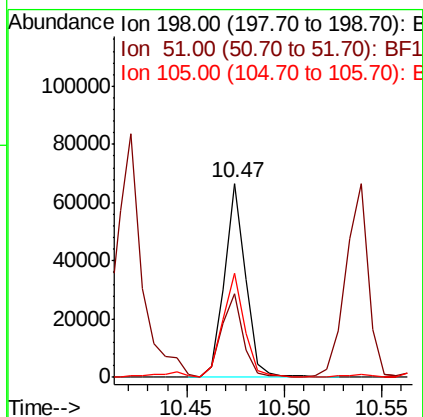
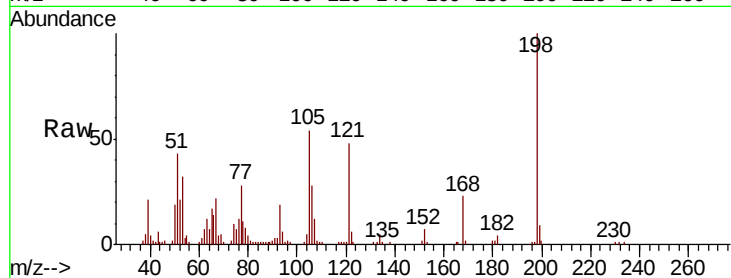




#65
4,6-Dinitro-2-methylphenol
Concen: 45.877 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

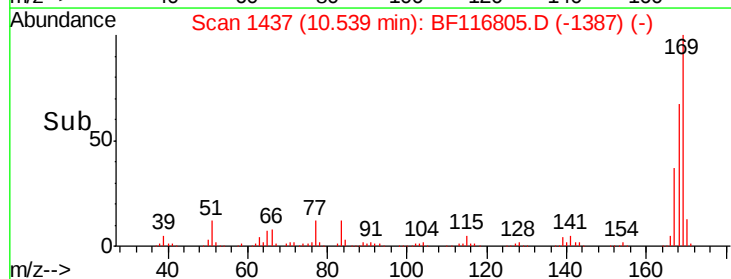
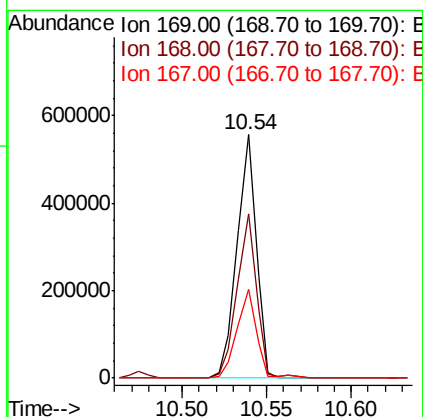
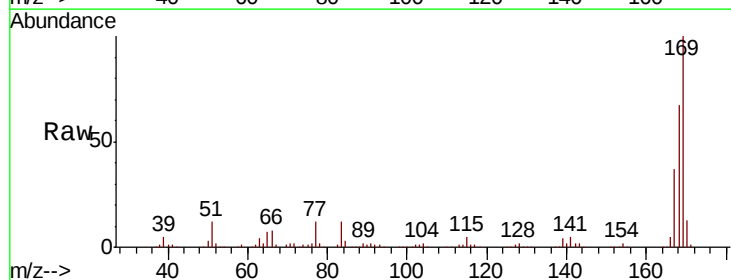
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

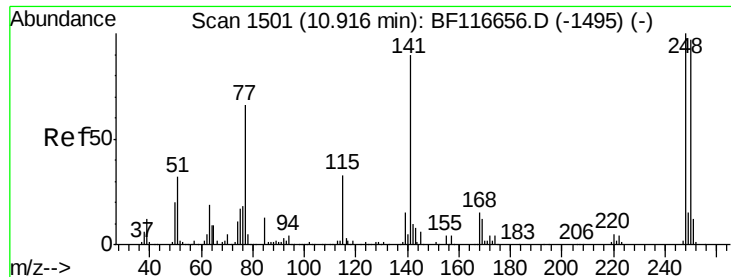
Tot Ion:198 Resp: 50279
Ion Ratio Lower Upper
198 100
51 43.3 18.4 58.4
105 53.5 22.9 62.9



#66
n-Nitrosodiphenylamine
Concen: 42.724 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

Tgt Ion:169 Resp: 443576
Ion Ratio Lower Upper
169 100
168 67.3 55.8 83.6
167 36.5 29.4 44.2

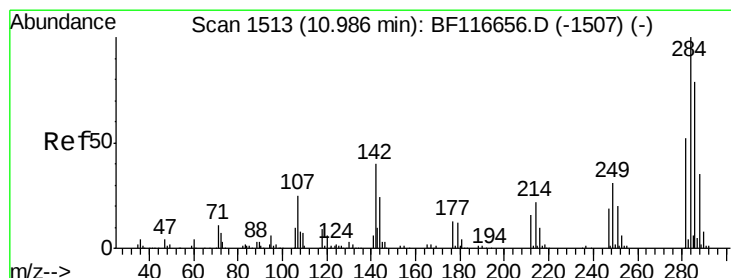
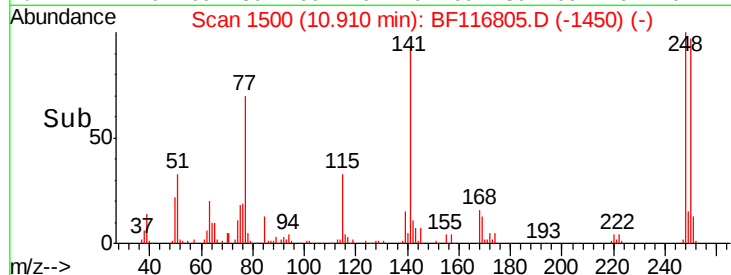
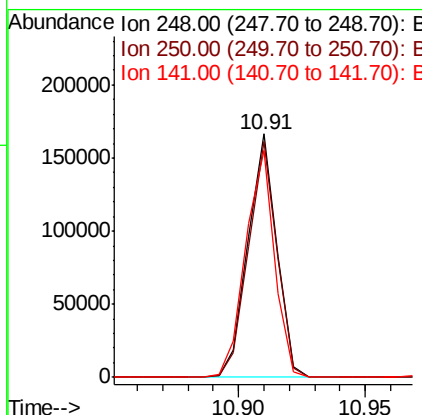
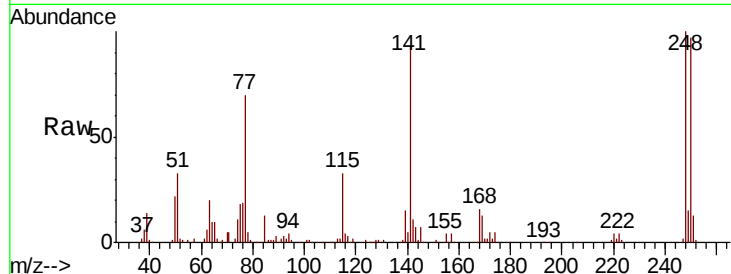




#67
 4-Bromophenyl-phenylether
 Concen: 43.192 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF116805.D
 Acq: 4 Sep 2019 10:30

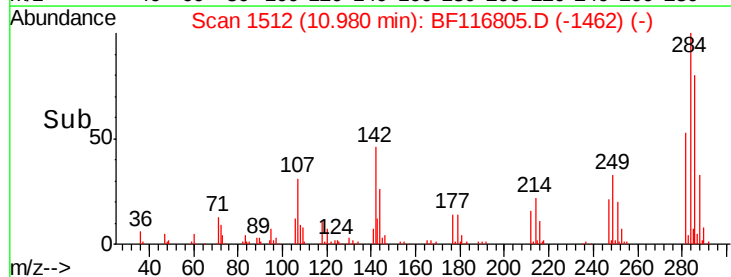
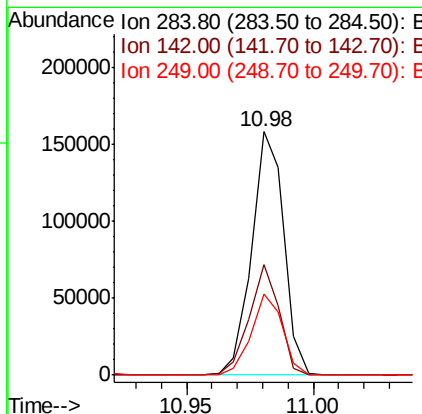
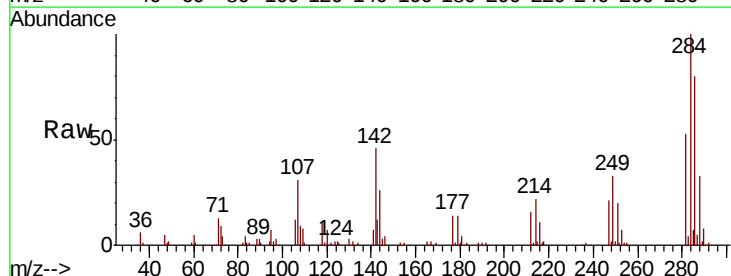
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 131688
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.8 116.8
 141 93.5 75.9 113.9



#68
 Hexachlorobenzene
 Concen: 43.678 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF116805.D
 Acq: 4 Sep 2019 10:30

Tgt Ion:284 Resp: 139329
 Ion Ratio Lower Upper
 284 100
 142 45.5 34.0 51.0
 249 33.3 26.4 39.6

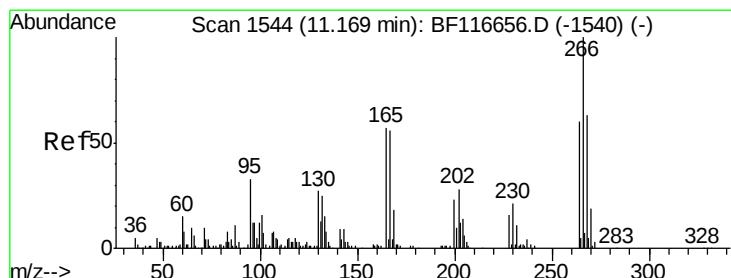
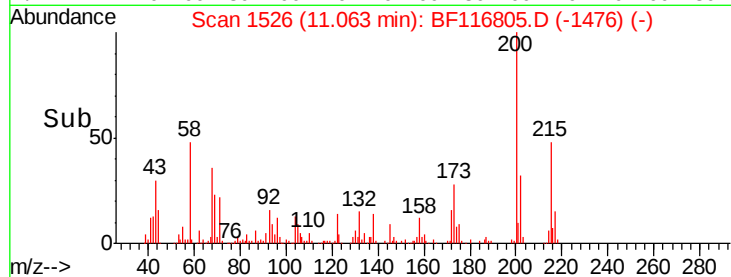
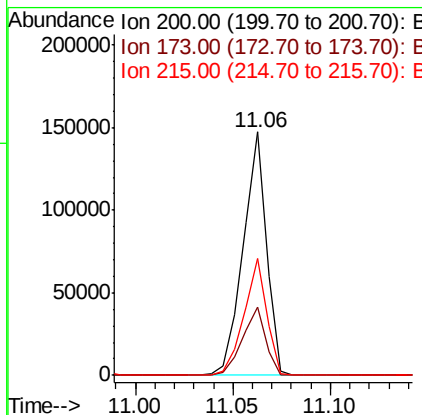
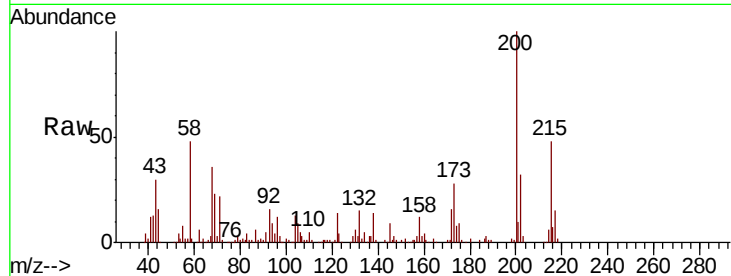




#69
 Atrazine
 Concen: 42.021 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF116805.D
 Acq: 4 Sep 2019 10:30

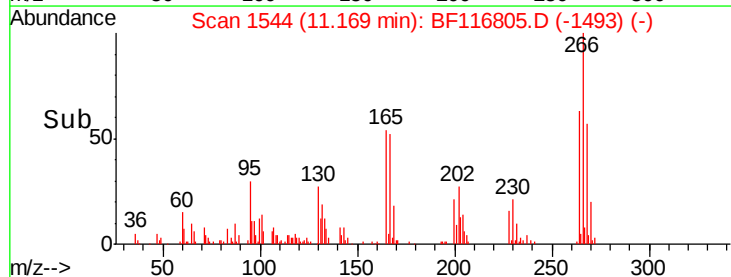
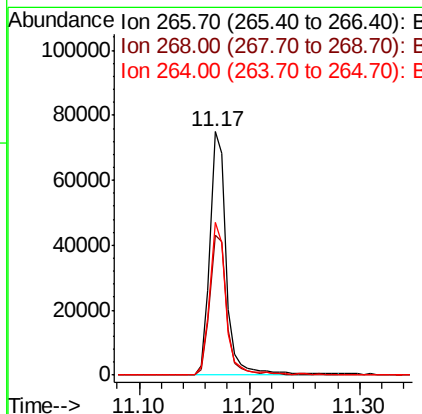
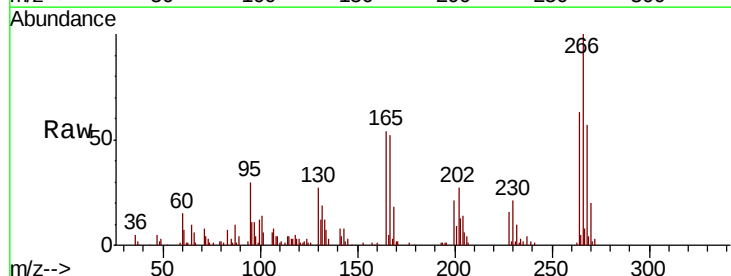
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	6.2	46.2
215	47.8	24.3	64.3



#70
 Pentachlorophenol
 Concen: 49.077 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. 0.00 min
 Lab File: BF116805.D
 Acq: 4 Sep 2019 10:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	57.4	51.2	76.8
264	62.5	51.9	77.9

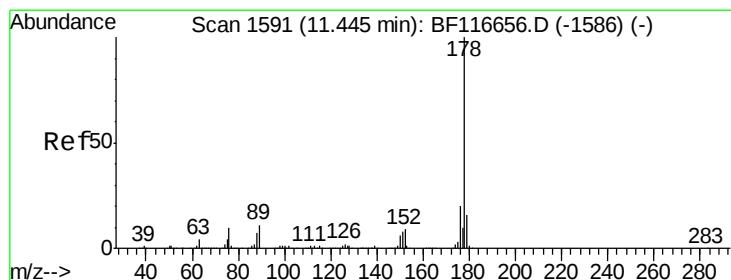
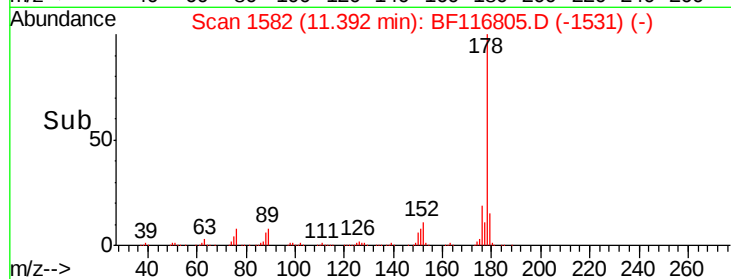
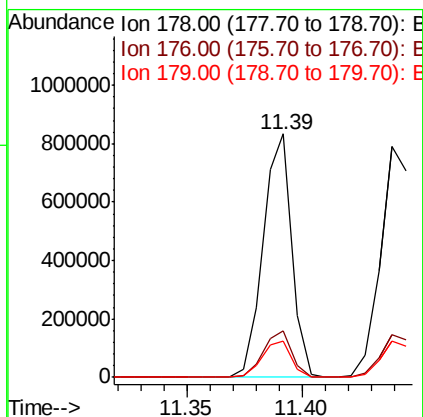
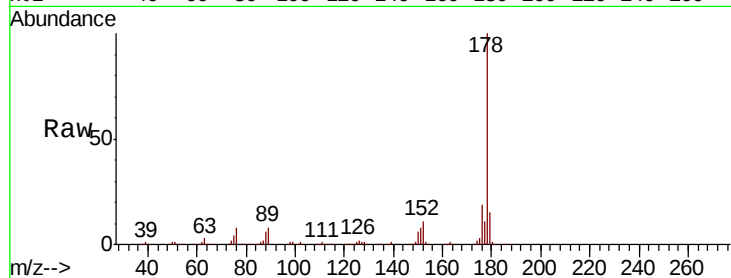




#71
Phenanthrene
Concen: 43.090 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

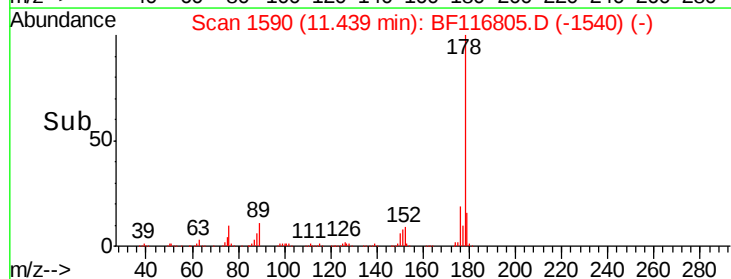
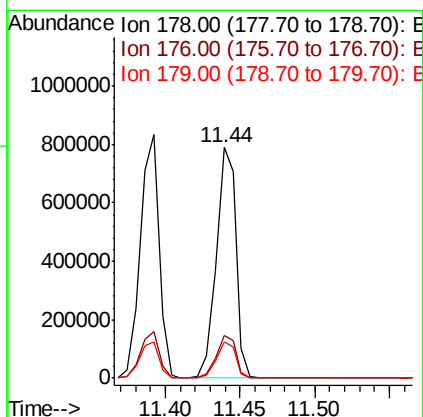
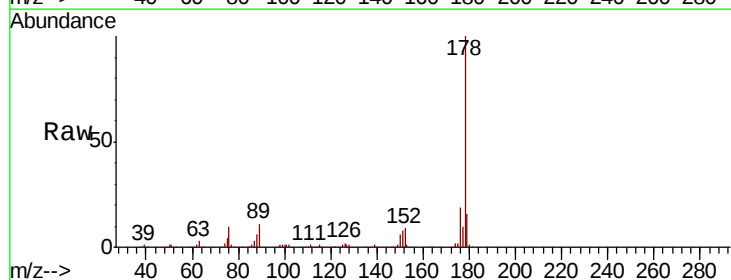
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 719910
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.1 12.2 18.2



#72
Anthracene
Concen: 43.259 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

Tgt Ion:178 Resp: 727528
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.5 12.5 18.7

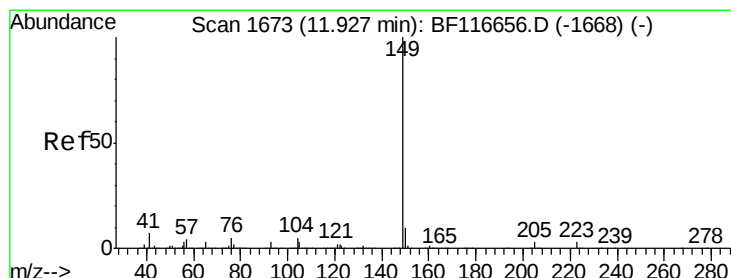
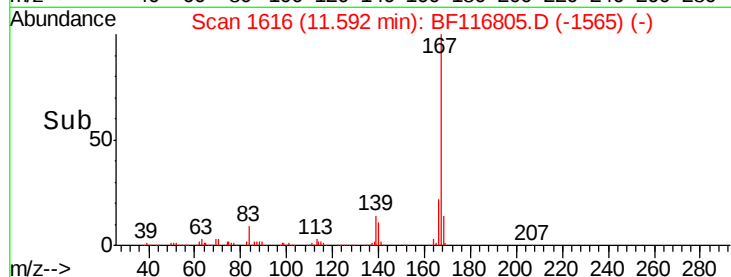
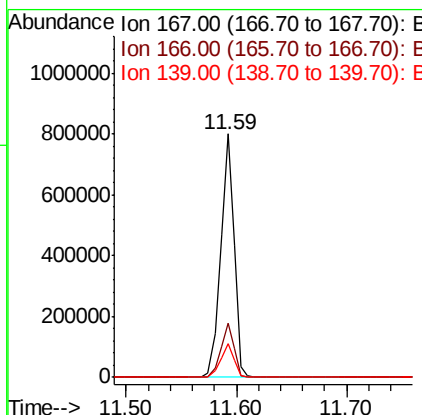
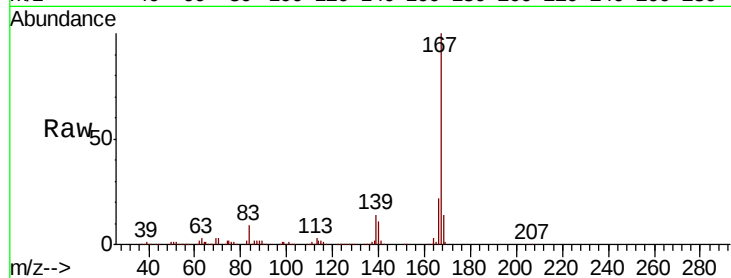




#73
 Carbazole
 Concen: 42.390 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF116805.D
 Acq: 4 Sep 2019 10:30

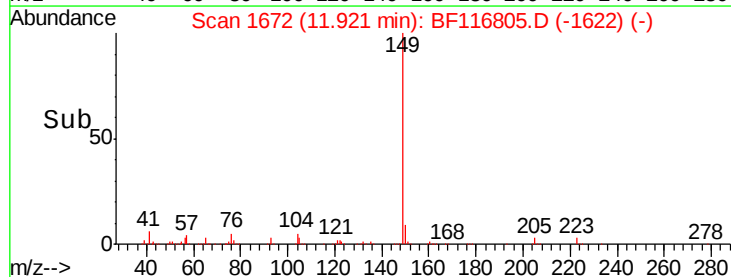
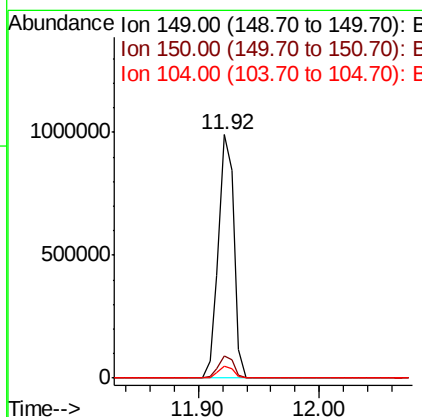
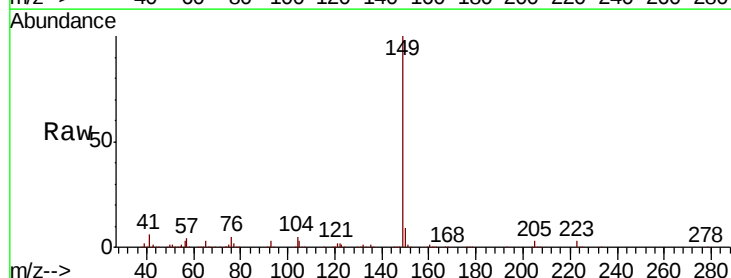
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

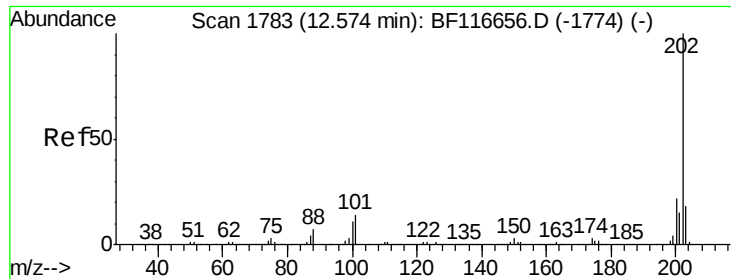
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	13.9	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 42.185 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BF116805.D
 Acq: 4 Sep 2019 10:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	5.1	4.2	6.2





#75

Fluoranthene

Concen: 42.940 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

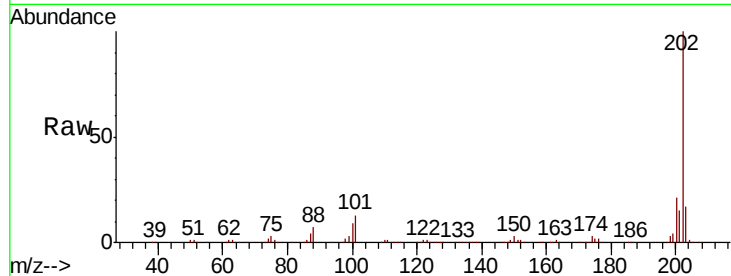
Tot Ion:202 Resp: 705031

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.3

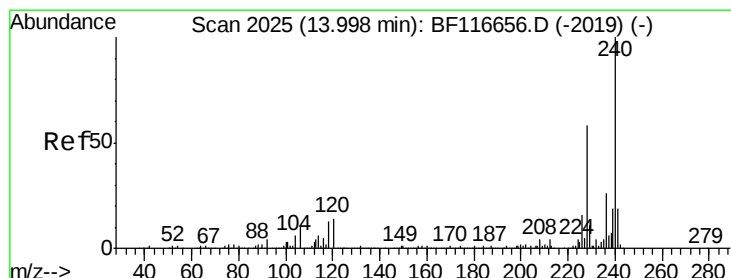
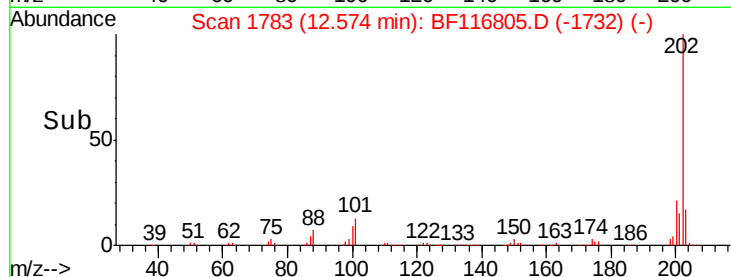
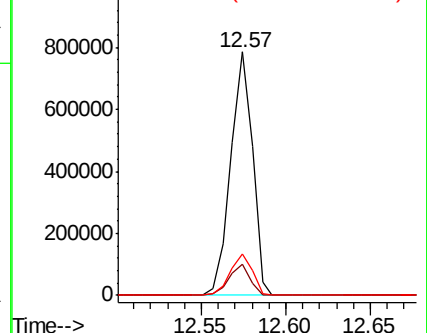
203 17.2 0.0 37.6



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: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

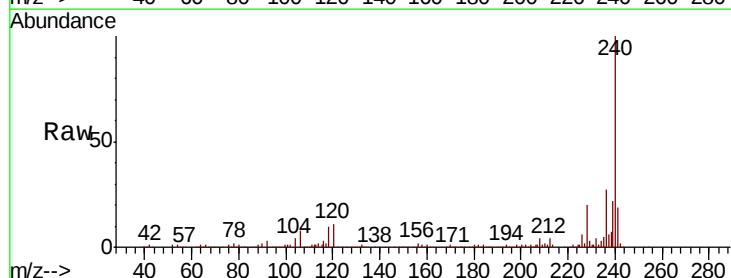
Tgt Ion:240 Resp: 190581

Ion Ratio Lower Upper

240 100

120 10.9 9.1 13.7

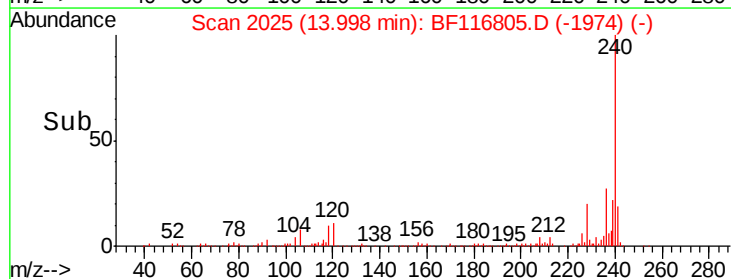
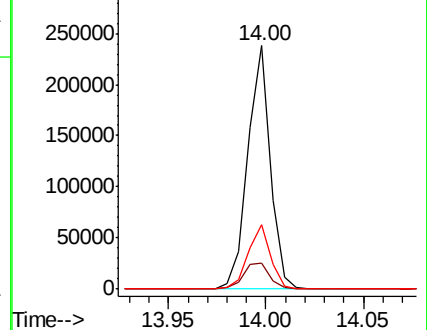
236 26.7 21.1 31.7



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: 38.822 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

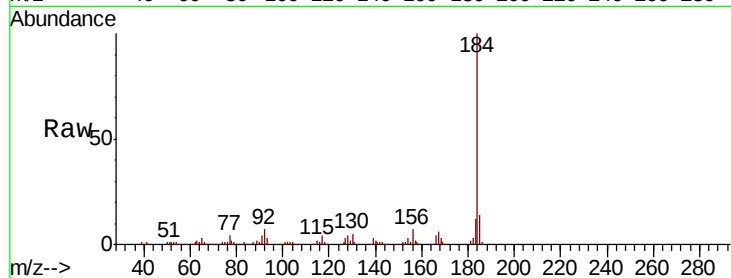
Tot Ion:184 Resp: 290200

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

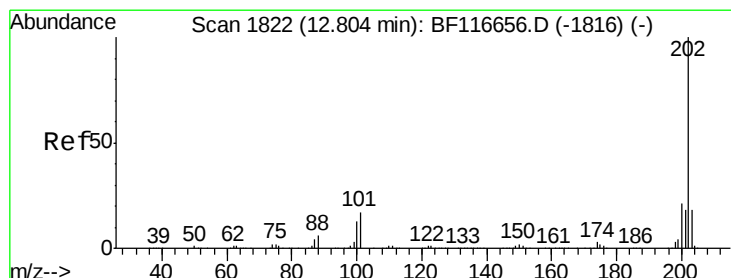
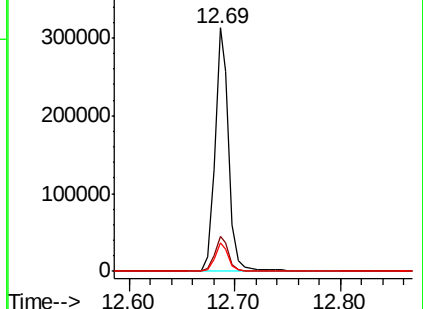
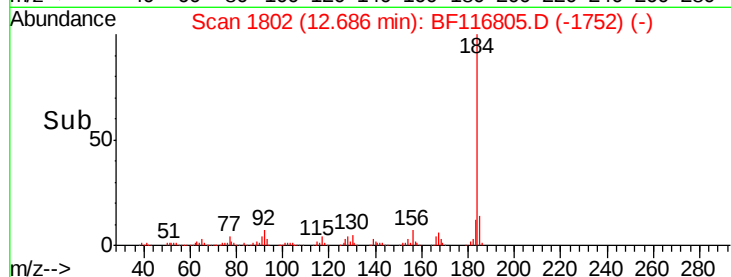
183 11.8 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.505 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

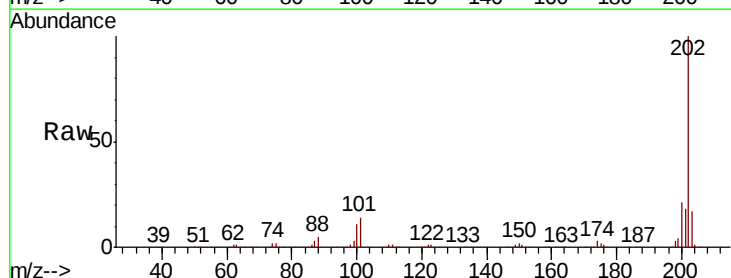
Tgt Ion:202 Resp: 703154

Ion Ratio Lower Upper

202 100

200 21.2 16.5 24.7

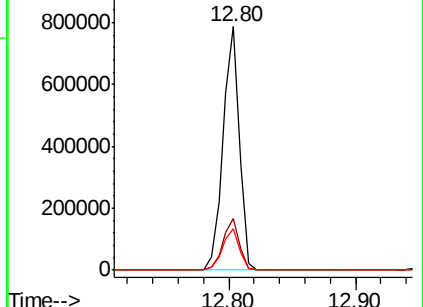
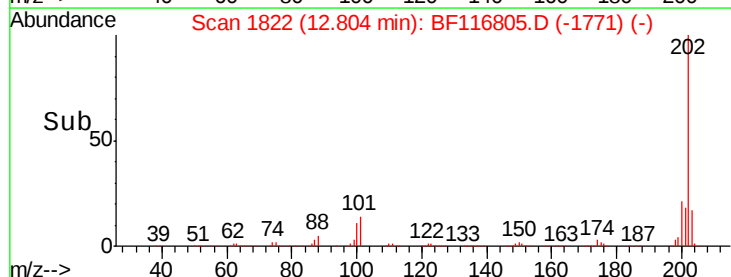
203 17.1 13.7 20.5



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

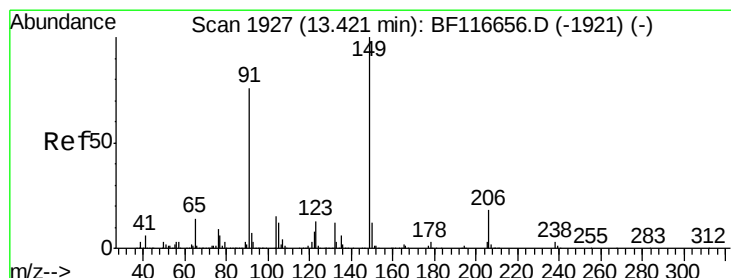
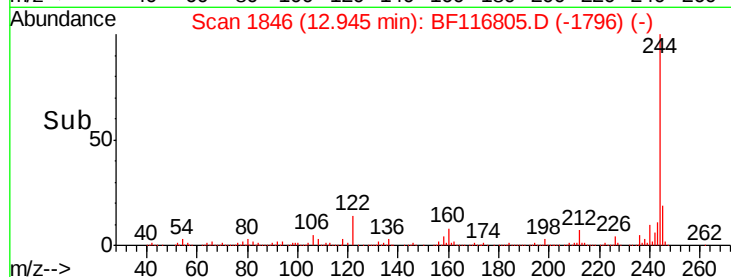
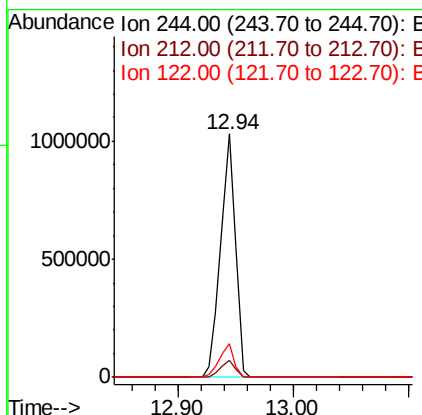
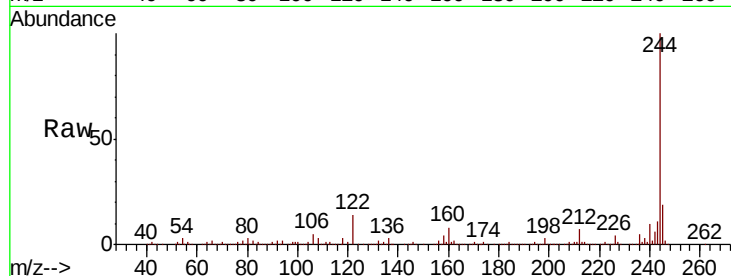




#79
 Terphenyl-d14
 Concen: 90.518 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116805.D
 Acq: 4 Sep 2019 10:30

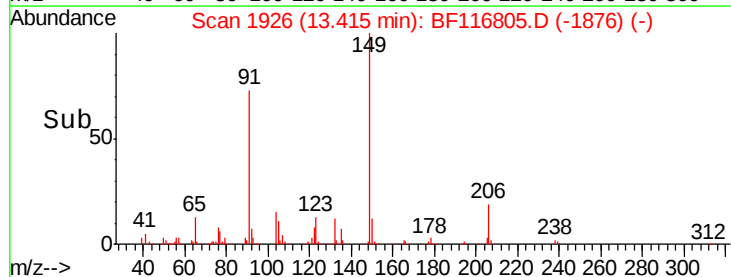
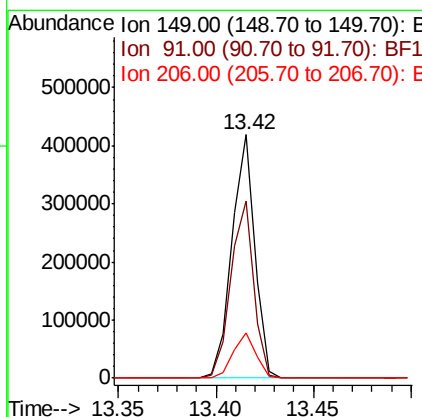
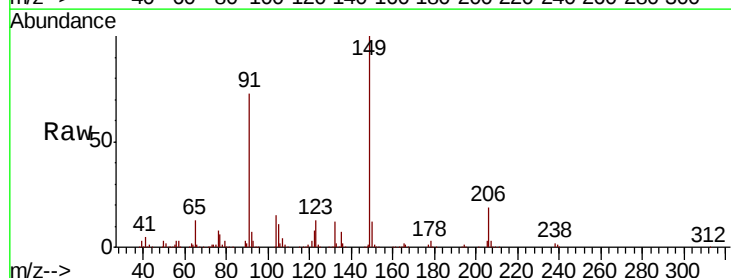
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

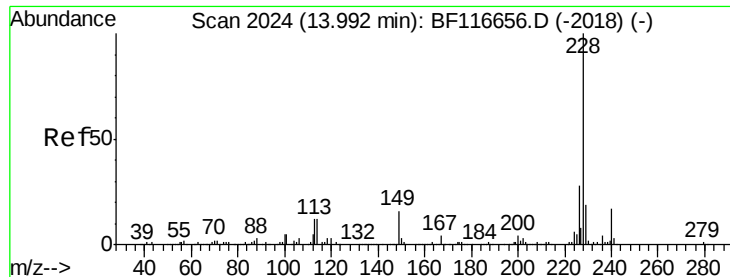
Tot Ion:244 Resp: 932521
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 13.8 10.2 15.4



#80
 Butylbenzylphthalate
 Concen: 41.339 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF116805.D
 Acq: 4 Sep 2019 10:30

Tgt Ion:149 Resp: 340575
 Ion Ratio Lower Upper
 149 100
 91 72.6 61.0 91.4
 206 18.8 14.8 22.2





#81

Benzo(a)anthracene

Concen: 43.890 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

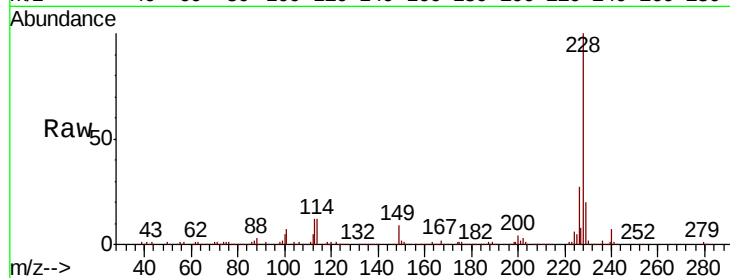
Tot Ion:228 Resp: 529395

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

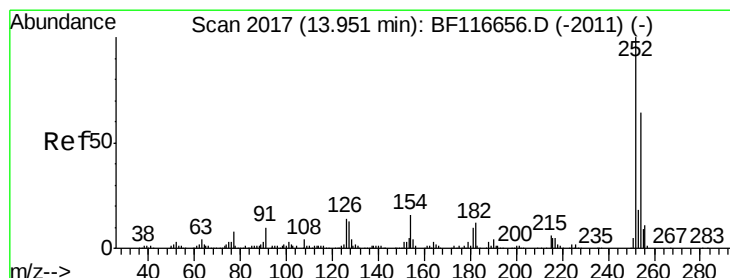
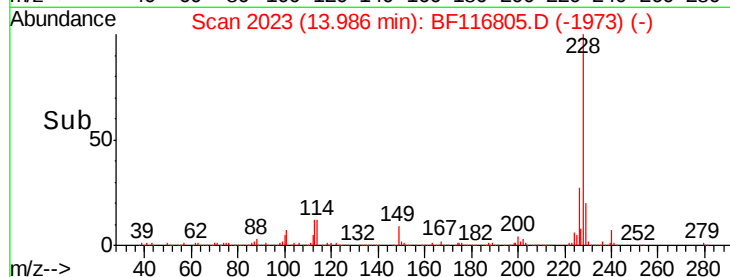
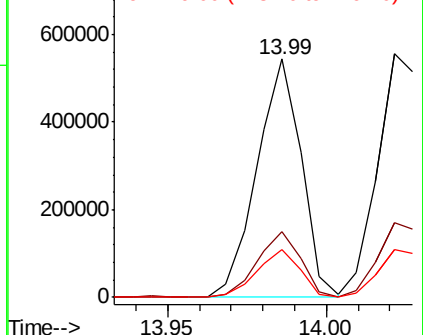
229 20.0 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.216 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

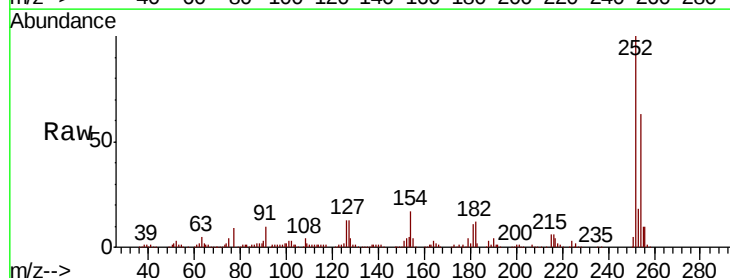
Tgt Ion:252 Resp: 176158

Ion Ratio Lower Upper

252 100

254 63.5 50.1 75.1

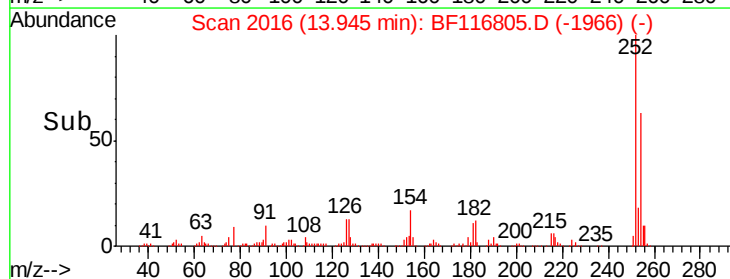
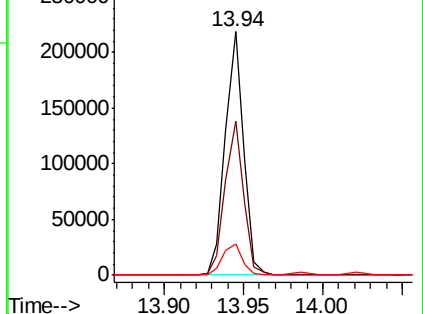
126 12.7 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.159 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

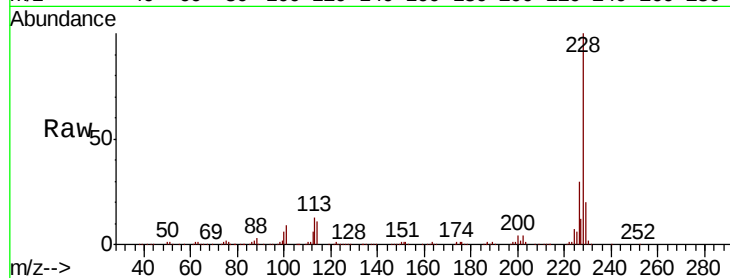
Tot Ion:228 Resp: 523893

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

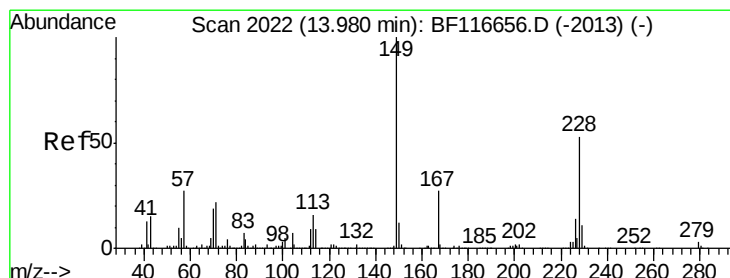
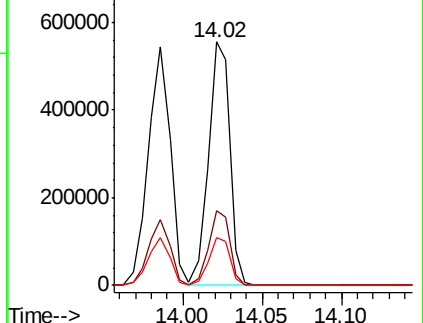
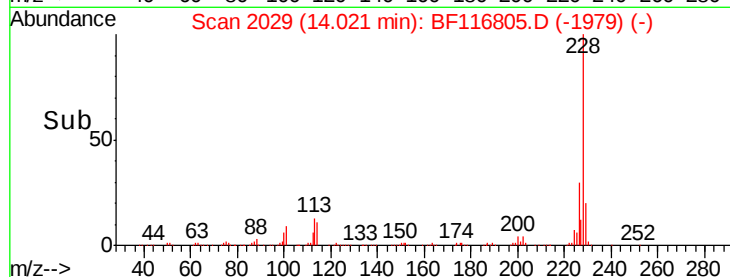
229 19.6 15.4 23.0



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: 43.356 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

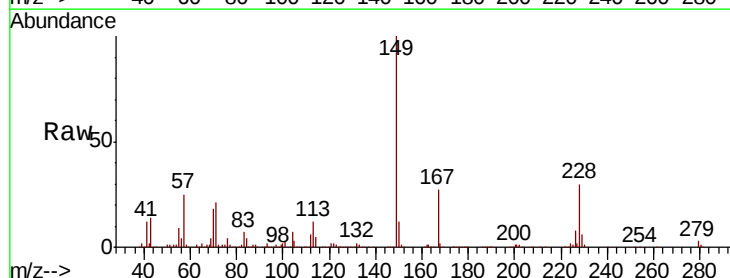
Tgt Ion:149 Resp: 440926

Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.4

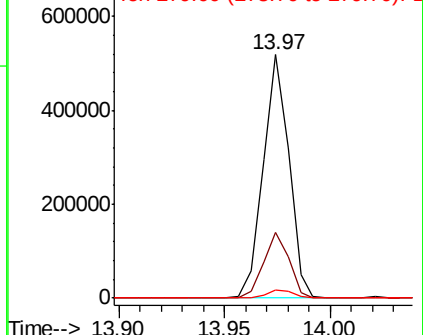
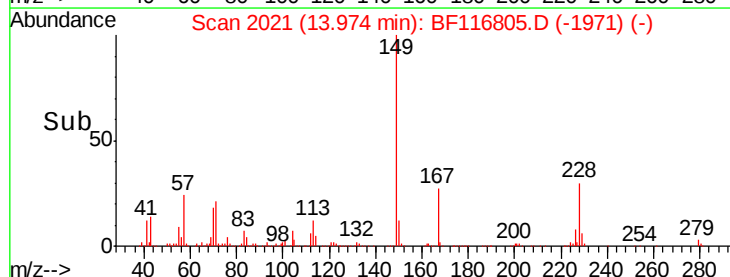
279 3.1 2.8 4.2

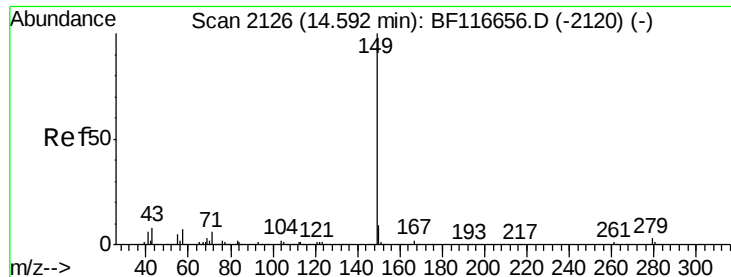


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.756 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

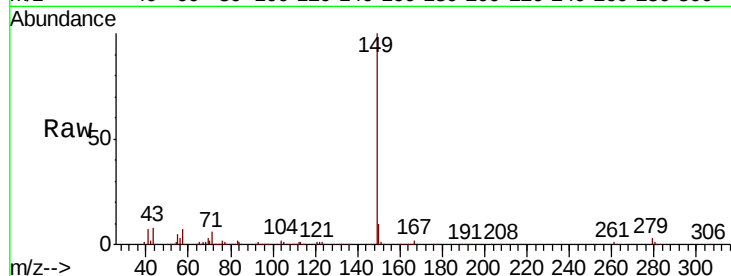
Tot Ion:149 Resp: 694938

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

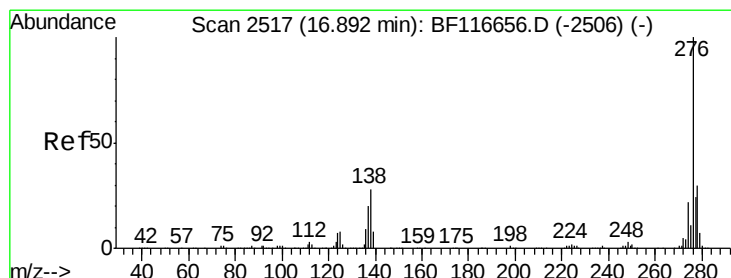
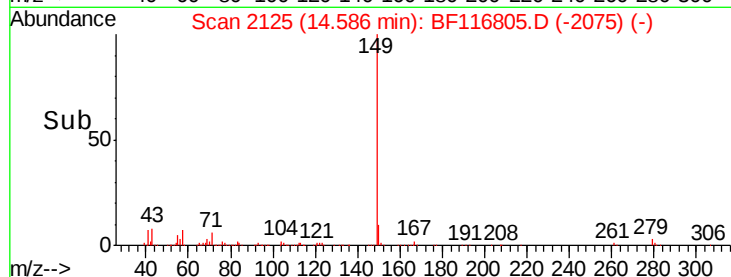
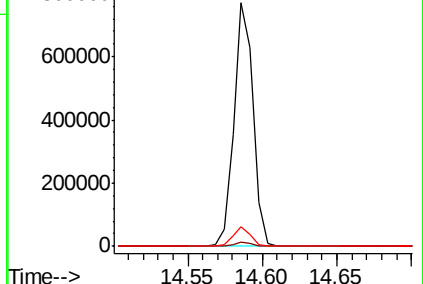
43 7.6 7.8 11.8#



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: 40.394 ng

RT: 16.90 min Scan# 2519

Delta R.T. 0.01 min

Lab File: BF116805.D

Acq: 4 Sep 2019 10:30

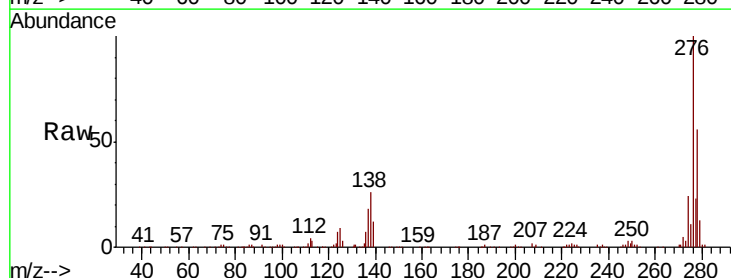
Tgt Ion:276 Resp: 403189

Ion Ratio Lower Upper

276 100

138 27.2 19.4 29.2

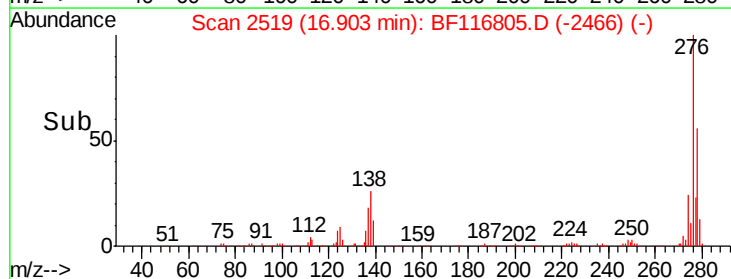
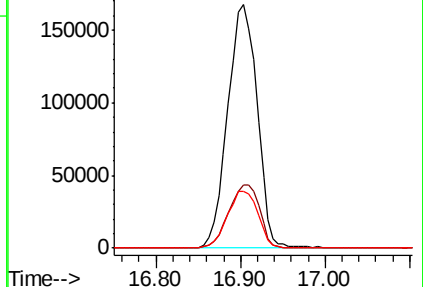
277 24.3 20.5 30.7

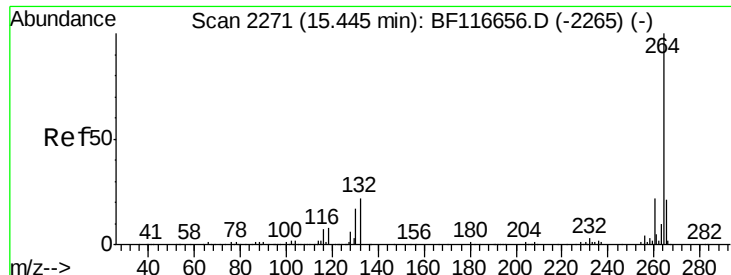


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

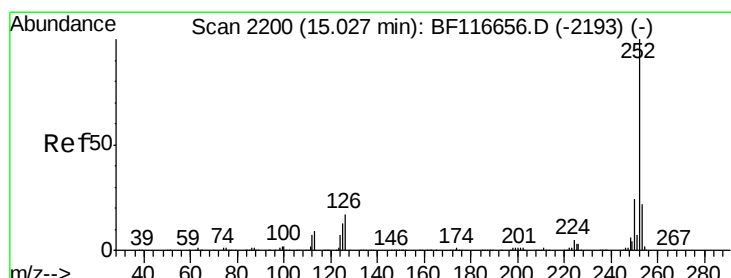
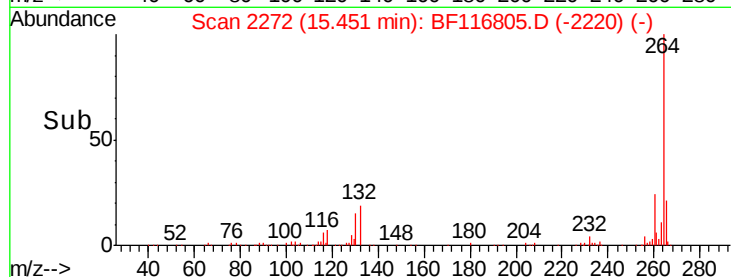
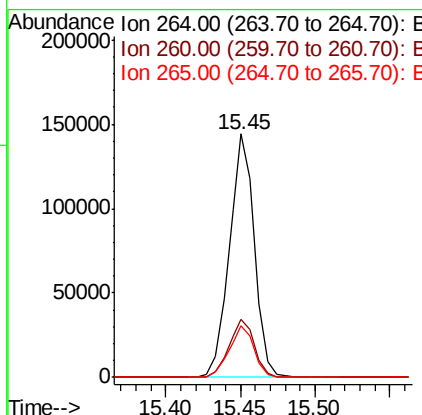
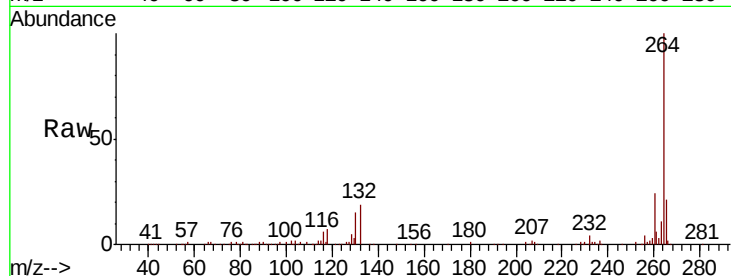




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

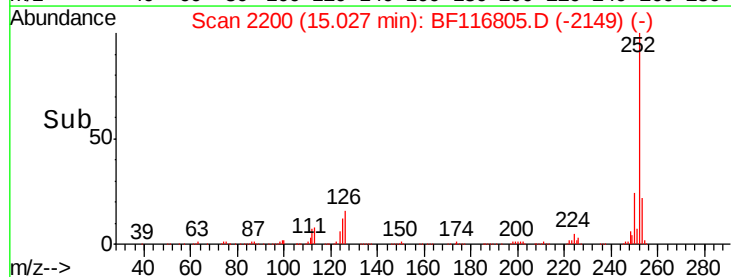
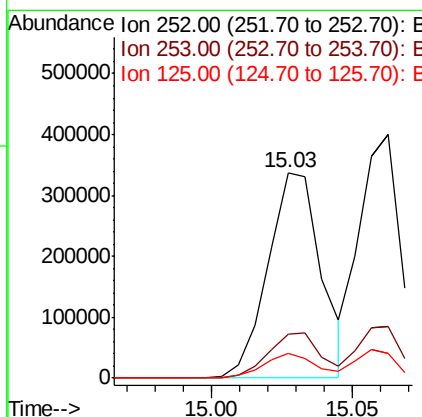
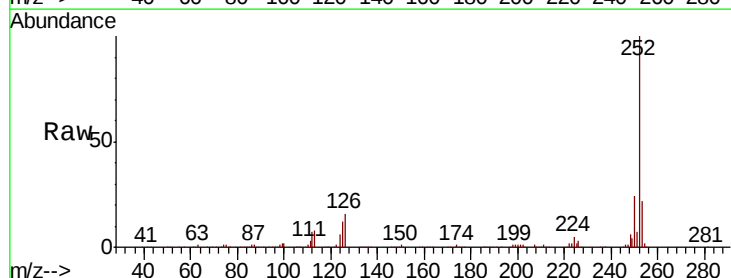
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

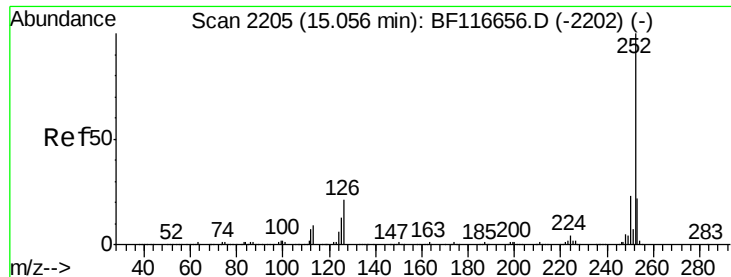
Tot Ion:264 Resp: 169841
Ion Ratio Lower Upper
264 100
260 23.7 18.3 27.5
265 21.4 16.5 24.7



#88
Benzo(b)fluoranthene
Concen: 43.141 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

Tgt Ion:252 Resp: 442982
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 12.2 8.2 12.2

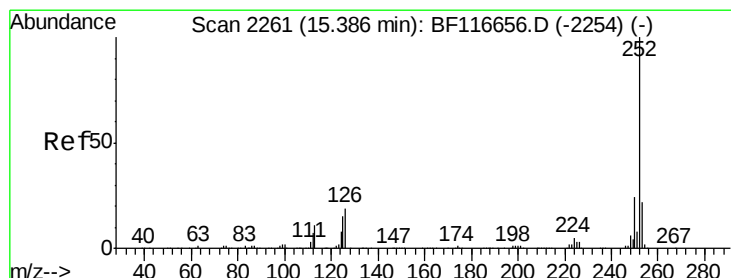
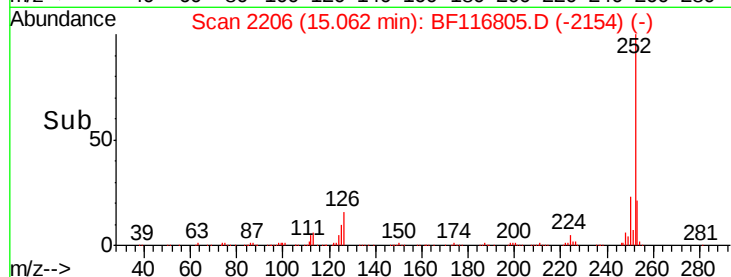
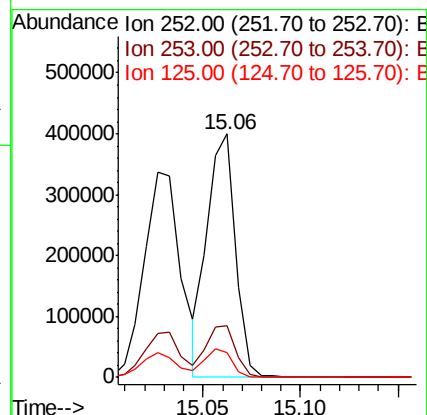
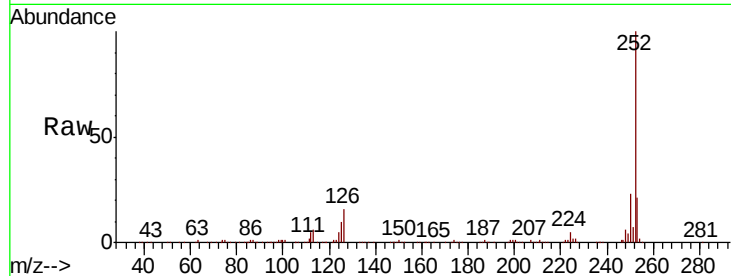




#89
Benzo(k)fluoranthene
Concen: 43.008 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

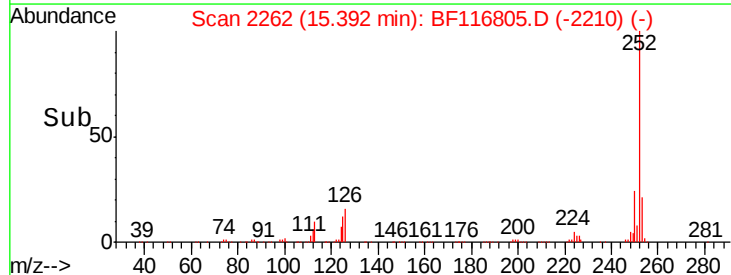
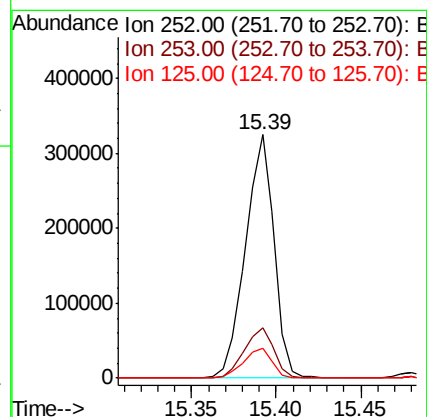
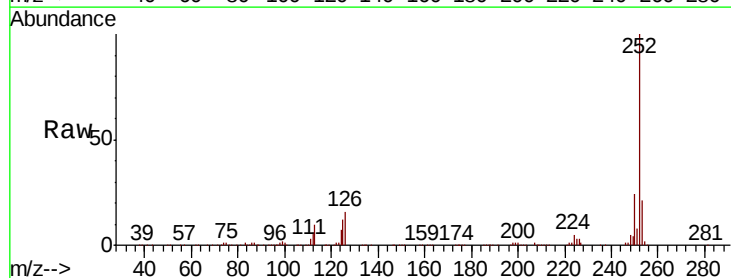
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

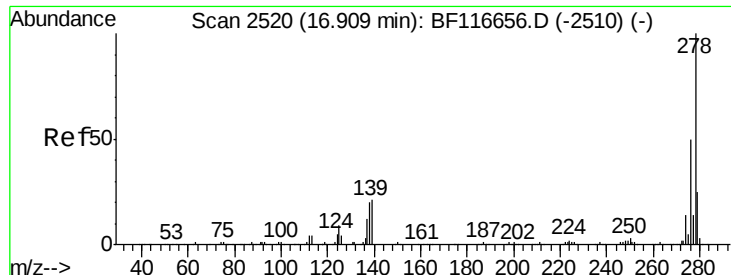
Tot Ion:252 Resp: 402662
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 10.4 8.6 13.0



#90
Benzo(a)pyrene
Concen: 42.944 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

Tgt Ion:252 Resp: 383640
Ion Ratio Lower Upper
252 100
253 20.7 18.1 27.1
125 12.4 9.8 14.8

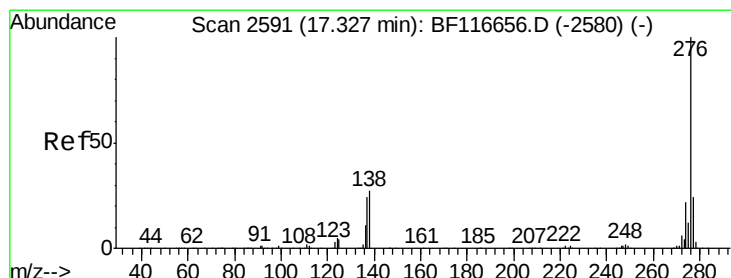
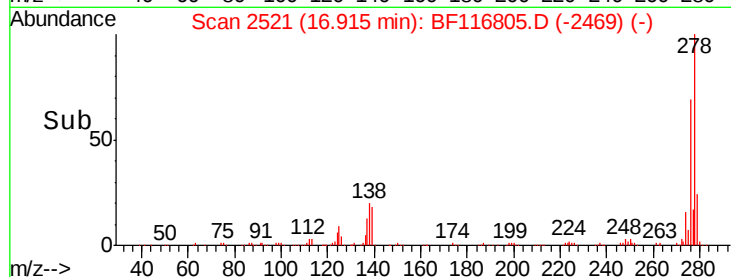
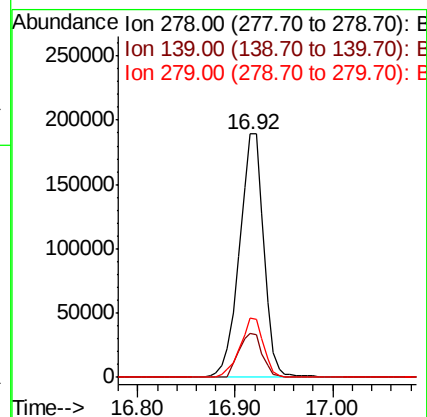
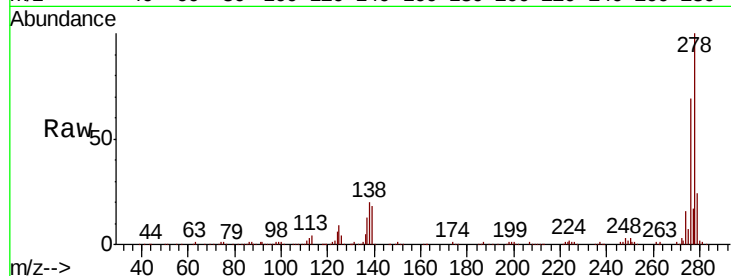




#91
Dibenzo(a,h)anthracene
Concen: 41.966 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 328160
Ion Ratio Lower Upper
278 100
139 18.2 12.4 18.6
279 24.4 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 39.141 ng
RT: 17.34 min Scan# 2593
Delta R.T. 0.01 min
Lab File: BF116805.D
Acq: 4 Sep 2019 10:30

Tgt Ion:276 Resp: 312147
Ion Ratio Lower Upper
276 100
277 23.6 18.5 27.7
138 22.9 16.2 24.2

