

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
 Data File : BF115852.D
 Acq On : 30 Jul 2019 19:55
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 31 04:41:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 04:26:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142476	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	571734	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	301706	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	513487	20.00	ng	0.00
76) Chrysene-d12	14.02	240	384249	20.00	ng	0.00
87) Perylene-d12	15.49	264	344311	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	692600	81.38	ng	0.00
7) Phenol-d6	6.49	99	867901	80.83	ng	0.00
23) Nitrobenzene-d5	7.42	82	796675	80.43	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	229443	78.44	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1323636	82.17	ng	0.00
79) Terphenyl-d14	12.96	244	1418100	77.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	171843	39.968	ng	100
3) Pyridine	3.36	79	471396	39.249	ng	99
4) n-Nitrosodimethylamine	3.31	42	191634	40.431	ng	98
6) Aniline	6.52	93	623715	40.559	ng	99
8) 2-Chlorophenol	6.64	128	378546	40.223	ng	100
9) Benzaldehyde	6.40	77	300168	40.514	ng	100
10) Phenol	6.50	94	516624	40.856	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	372591	40.078	ng	99
12) 1,3-Dichlorobenzene	6.80	146	438182	40.287	ng	99
13) 1,4-Dichlorobenzene	6.87	146	438625	40.277	ng	99
14) 1,2-Dichlorobenzene	7.03	146	411130	41.000	ng	100
15) Benzyl Alcohol	6.99	79	335344	41.152	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	506734	39.961	ng	99
17) 2-Methylphenol	7.10	107	317367	39.825	ng	100
18) Hexachloroethane	7.37	117	160207	39.956	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	264699	39.780	ng	99
20) 3+4-Methylphenols	7.26	107	386133	40.946	ng	97
22) Acetophenone	7.26	105	508329	40.540	ng	98
24) Nitrobenzene	7.43	77	435815	40.750	ng	99
25) Isophorone	7.67	82	744796	39.325	ng	100
26) 2-Nitrophenol	7.75	139	203514	40.369	ng	98
27) 2,4-Dimethylphenol	7.79	122	306250	40.378	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	467436	39.819	ng	99
29) 2,4-Dichlorophenol	7.99	162	322844	40.313	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	370794	40.618	ng	100
31) Naphthalene	8.16	128	1100501	40.904	ng	100
32) Benzoic acid	7.92	122	183307	34.280	ng	100
33) 4-Chloroaniline	8.20	127	487849	40.582	ng	99
34) Hexachlorobutadiene	8.27	225	210626	40.057	ng	99
35) Caprolactam	8.58	113	103091	39.802	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	331942	39.843	ng	99
37) 2-Methylnaphthalene	8.85	142	720498	40.662	ng	99
38) 1-Methylnaphthalene	8.95	142	681953	40.682	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	325468	40.352	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	127003	40.283	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	222665	40.107	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	227513	39.644	nq	100
46) 1,1'-Biphenyl	9.32	154	861777	40.458	nq	100
47) 2-Chloronaphthalene	9.34	162	709186	40.003	nq	97
48) 2-Nitroaniline	9.43	65	235044	40.111	nq	89
49) Acenaphthylene	9.76	152	1047312	40.493	nq	99
50) Dimethylphthalate	9.62	163	799145	38.902	nq	100
51) 2,6-Dinitrotoluene	9.68	165	176291	39.489	nq	99
52) Acenaphthene	9.93	154	652034	41.094	nq	99
53) 3-Nitroaniline	9.85	138	220485	39.970	nq	88
54) 2,4-Dinitrophenol	9.96	184	72697	38.348	nq	98
55) Dibenzofuran	10.10	168	944536	40.934	nq	100
56) 4-Nitrophenol	10.01	139	140795	39.844	nq	97
57) 2,4-Dinitrotoluene	10.09	165	237888	40.022	nq	98
58) Fluorene	10.45	166	711615	40.084	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	193176	40.010	nq	98
60) Diethylphthalate	10.32	149	750827	39.148	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	363215	40.397	nq	99
62) 4-Nitroaniline	10.46	138	222480	39.027	nq	97
63) Azobenzene	10.59	77	782499	39.666	nq	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	108040	39.704	nq	99
66) n-Nitrosodiphenylamine	10.55	169	635757	41.135	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	223081	40.583	nq	97
68) Hexachlorobenzene	11.00	284	254146	39.984	nq	99
69) Atrazine	11.08	200	200479	39.429	nq	98
70) Pentachlorophenol	11.19	266	122725	39.769	nq	100
71) Phenanthrene	11.40	178	1070069	40.764	nq	99
72) Anthracene	11.46	178	1091147	41.072	nq	99
73) Carbazole	11.61	167	1005887	41.734	nq	99
74) Di-n-butylphthalate	11.94	149	1108045	39.409	nq	100
75) Fluoranthene	12.60	202	1128814	41.075	nq	99
77) Benzidine	12.71	184	558156	42.996	nq	99
78) Pyrene	12.83	202	1149248	39.677	nq	100
80) Butylbenzylphthalate	13.44	149	465997	38.033	nq	100
81) Benzo(a)anthracene	14.02	228	994175	40.480	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	342508	40.141	nq	# 99
83) Chrysene	14.05	228	943488	39.570	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	601570	37.782	nq	99
85) Di-n-octyl phthalate	14.60	149	949648	37.551	nq	100
86) Indeno(1,2,3-cd)pyrene	16.96	276	722270	36.066	nq	100
88) Benzo(b)fluoranthene	15.06	252	795436	39.955	nq	98
89) Benzo(k)fluoranthene	15.09	252	794860	40.991	nq	98
90) Benzo(a)pyrene	15.43	252	708328	39.801	nq	99
91) Dibenzo(a,h)anthracene	16.97	278	590700	38.345	nq	99
92) Benzo(g,h,i)perylene	17.40	276	572151	37.818	nq	98

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

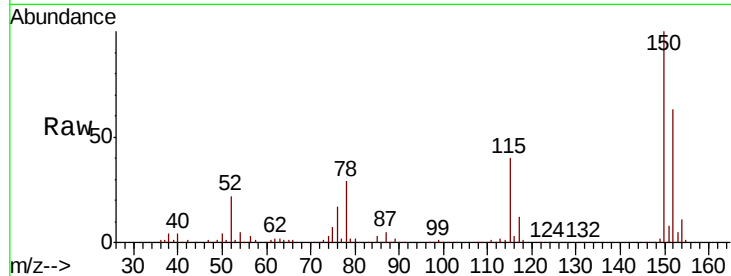


#1

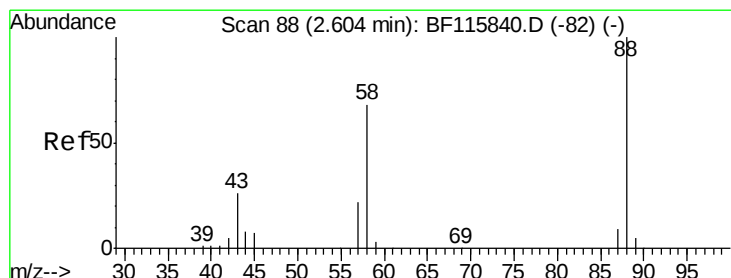
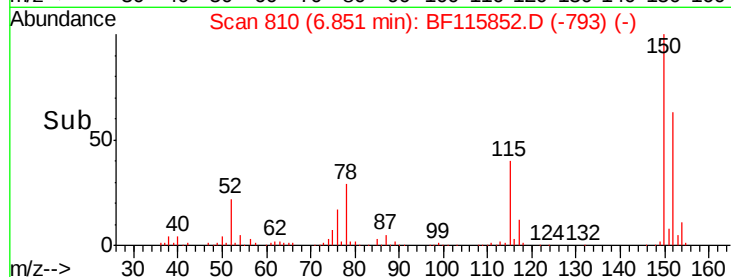
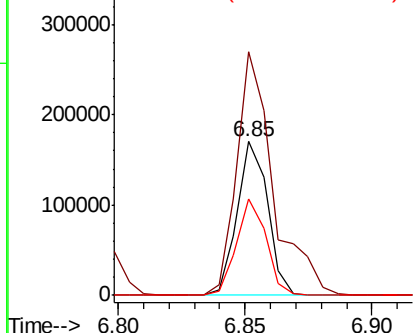
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 142476
Ion Ratio Lower Upper
152 100
150 158.6 127.4 191.0
115 63.1 51.8 77.8



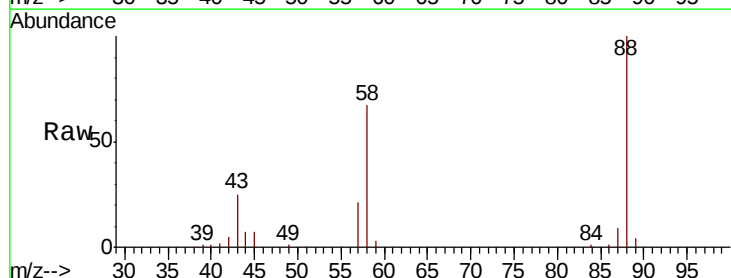
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



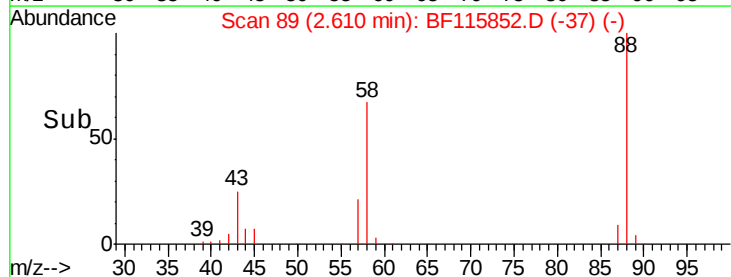
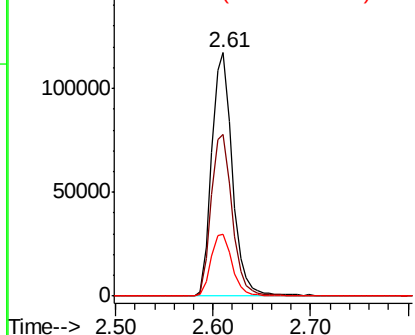
#2

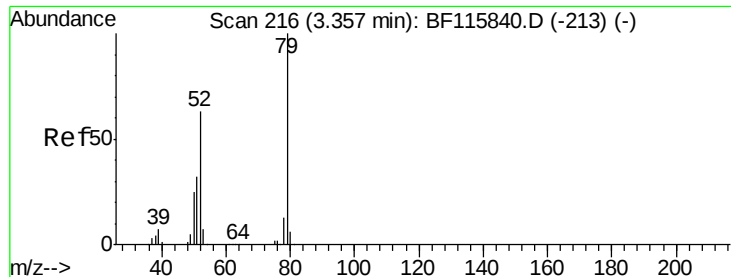
1,4-Dioxane
Concen: 39.968 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.01 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Tgt Ion: 88 Resp: 171843
Ion Ratio Lower Upper
88 100
58 67.7 54.1 81.1
43 26.1 20.7 31.1



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





#3

Pvridine

Concen: 39.249 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

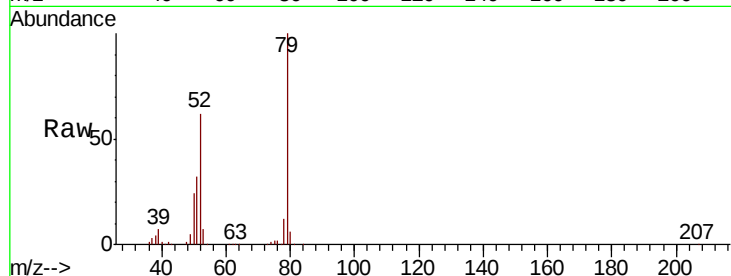
Tot Ion: 79 Resp: 471396

Ion Ratio Lower Upper

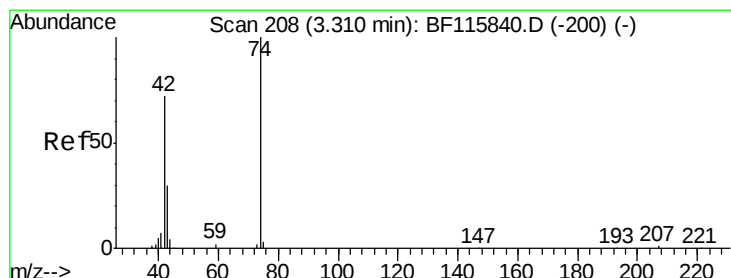
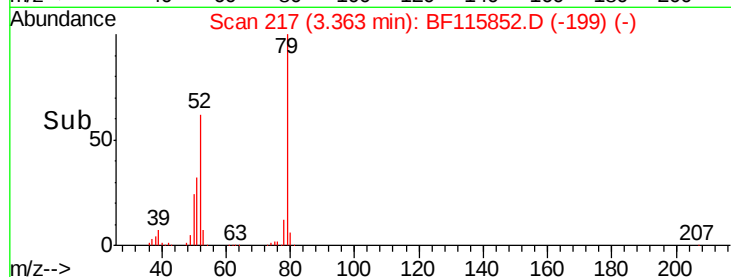
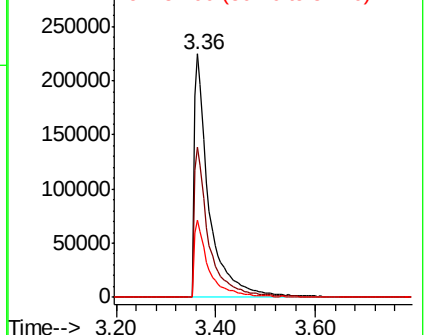
79 100

52 61.8 50.2 75.4

51 31.5 25.8 38.6



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



#4

n-Nitrosodimethylamine

Concen: 40.431 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

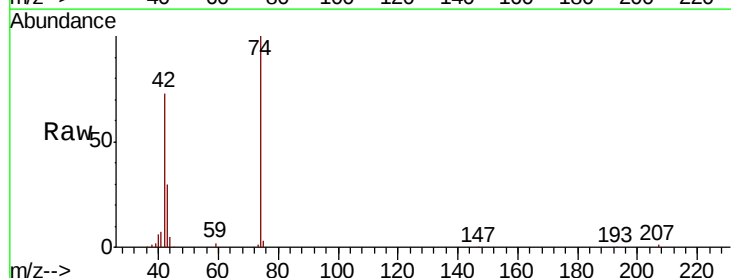
Tgt Ion: 42 Resp: 191634

Ion Ratio Lower Upper

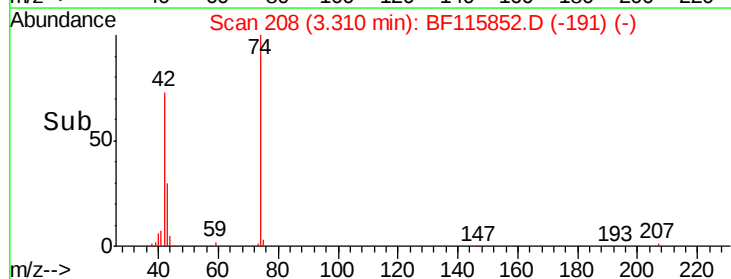
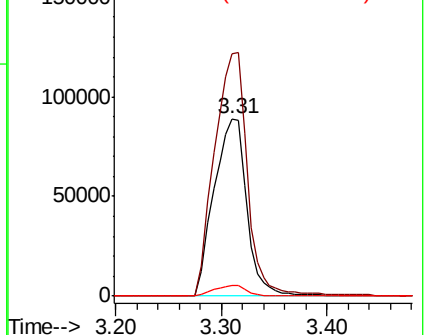
42 100

74 136.5 111.0 166.4

44 6.3 4.7 7.1



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





#5

2-Fluorophenol

Concen: 81.379 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

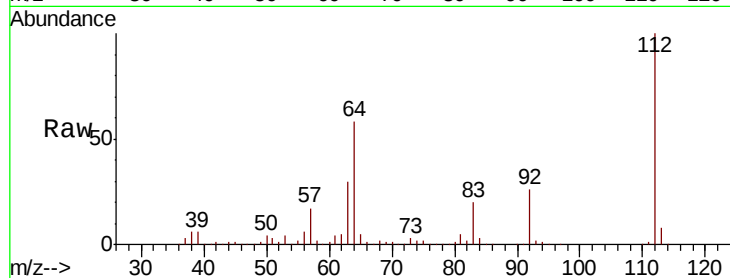
Tot Ion: 112 Resp: 692600

Ion Ratio Lower Upper

112 100

64 58.0 46.8 70.2

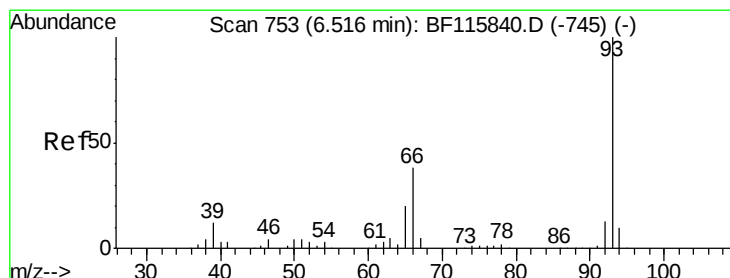
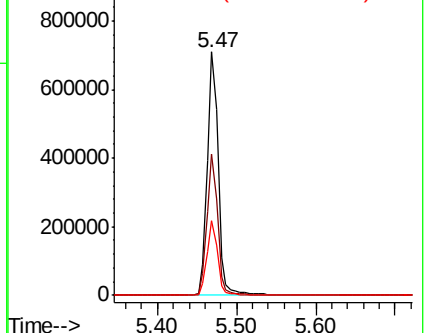
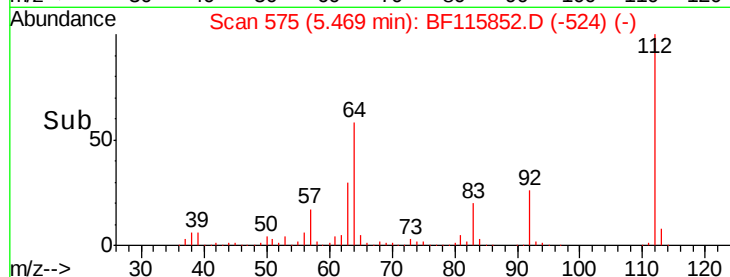
63 30.4 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.559 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

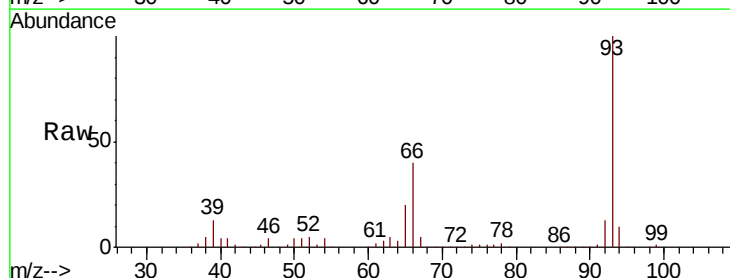
Tgt Ion: 93 Resp: 623715

Ion Ratio Lower Upper

93 100

66 39.8 31.4 47.0

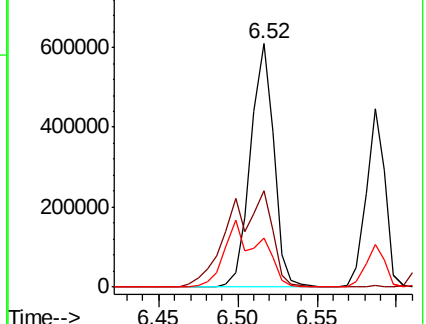
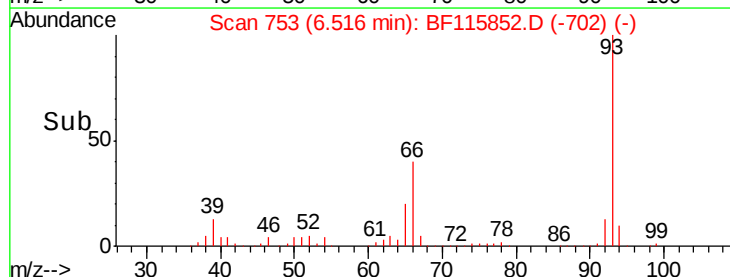
65 20.3 16.5 24.7

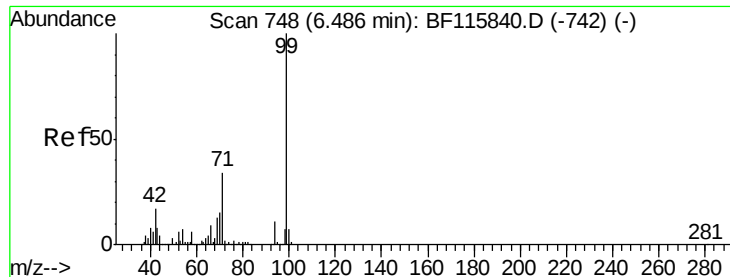


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.826 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

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ClientSampleId :

SSTDCCC040

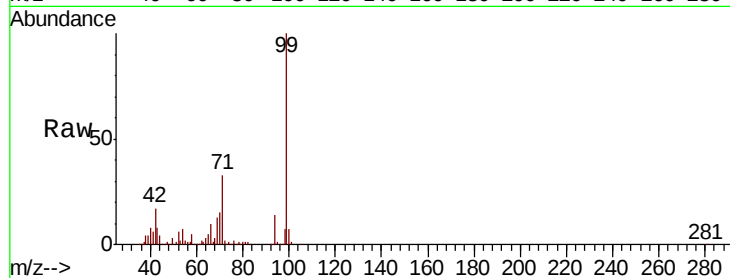
Tot Ion: 99 Resp: 867901

Ion Ratio Lower Upper

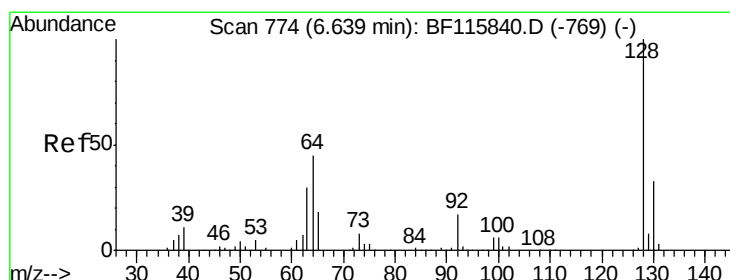
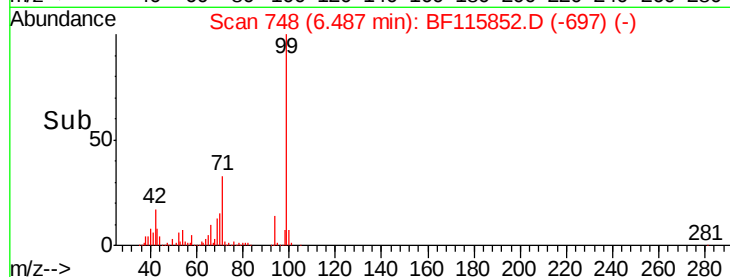
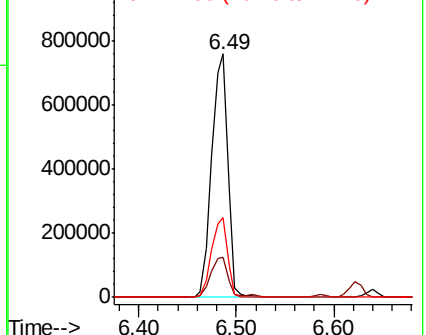
99 100

42 16.7 13.8 20.6

71 32.6 27.1 40.7



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



#8

2-Chlorophenol

Concen: 40.223 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

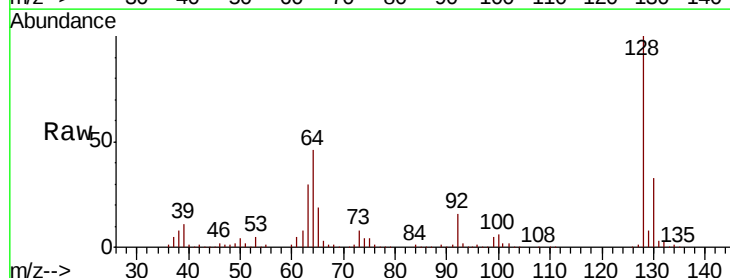
Tgt Ion: 128 Resp: 378546

Ion Ratio Lower Upper

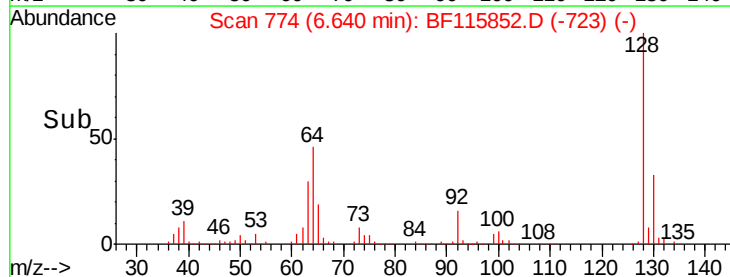
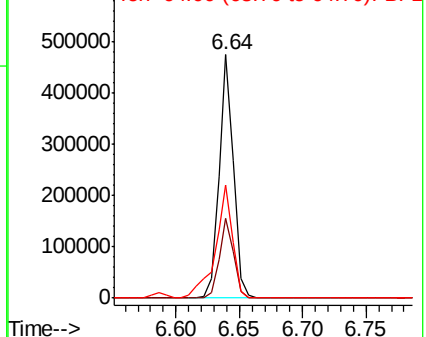
128 100

130 32.7 12.9 52.9

64 46.3 26.1 66.1



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





#9

Benzaldehyde

Concen: 40.514 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115852.D

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ClientSampleId :

SSTDCCC040

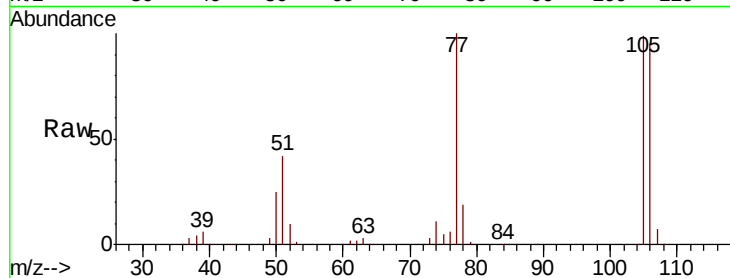
Tot Ion: 77 Resp: 300168

Ion Ratio Lower Upper

77 100

105 98.9 79.0 119.0

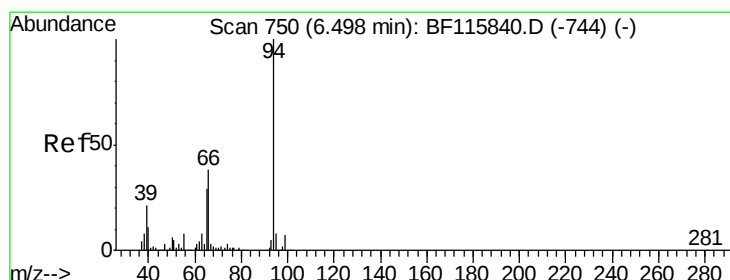
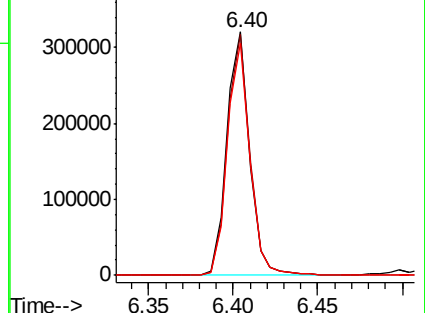
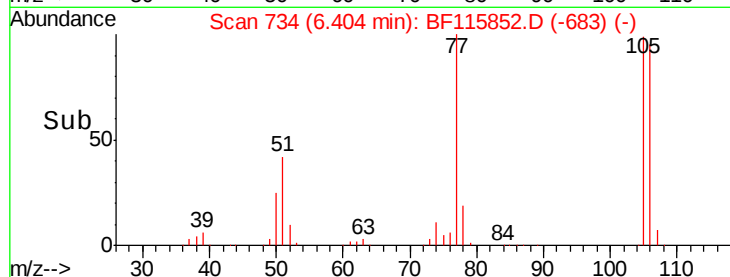
106 95.3 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.856 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

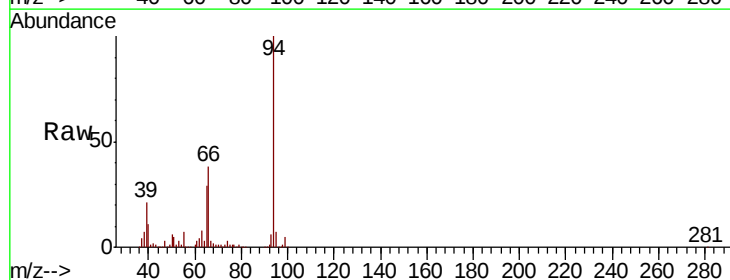
Tgt Ion: 94 Resp: 516624

Ion Ratio Lower Upper

94 100

65 28.6 8.9 48.9

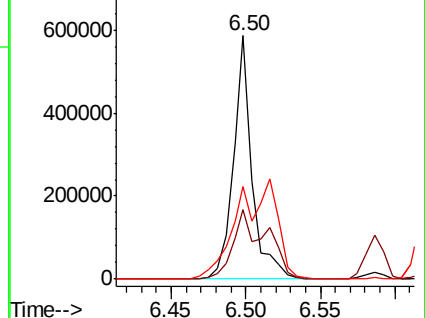
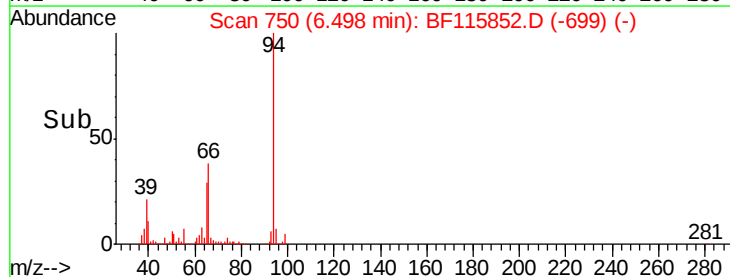
66 37.9 18.0 58.0

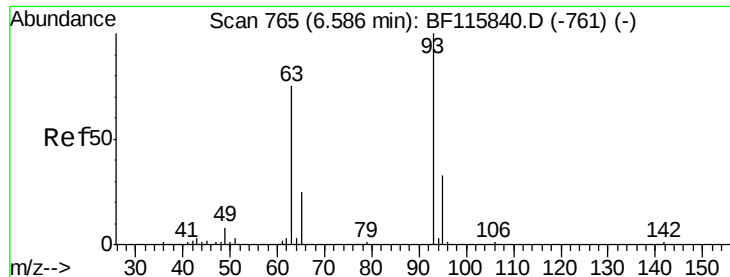


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

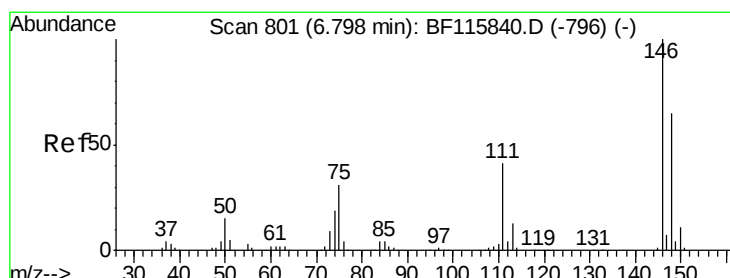
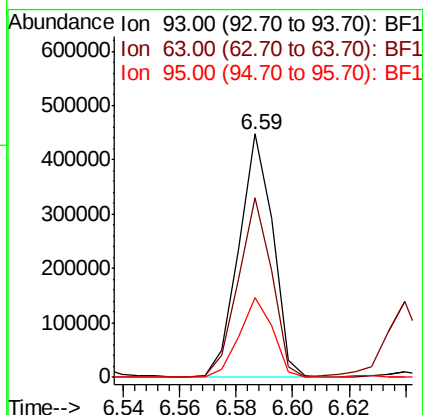
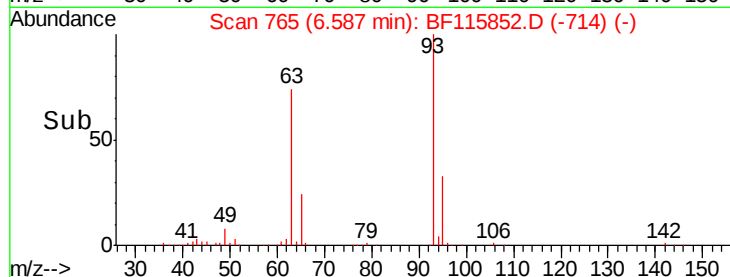
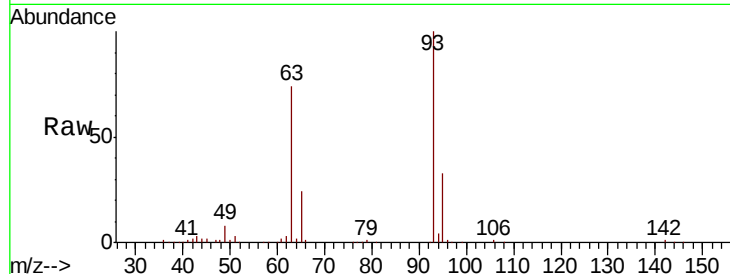




#11
bis(2-Chloroethyl)ether
Concen: 40.078 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

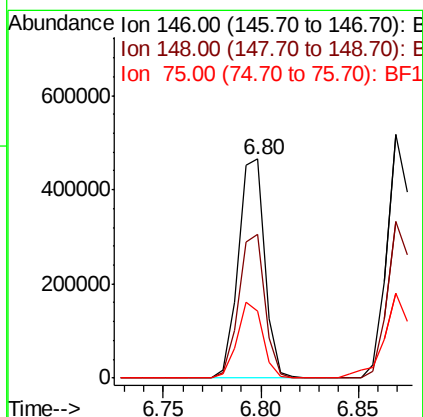
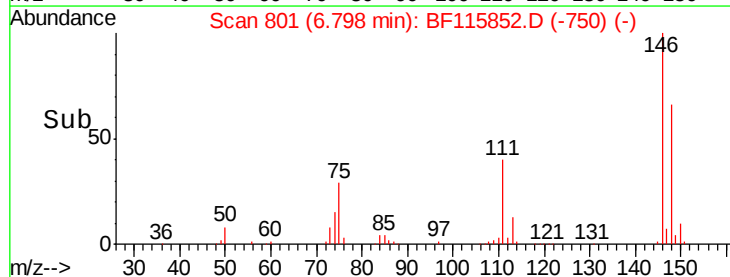
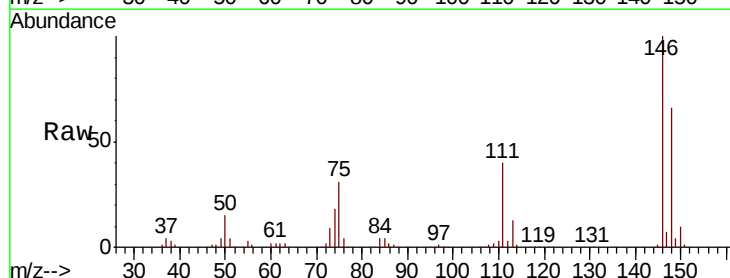
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

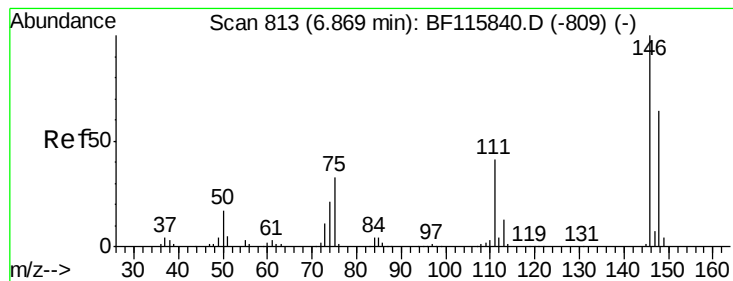
Tot Ion: 93 Resp: 372591
Ion Ratio Lower Upper
93 100
63 73.8 54.9 94.9
95 33.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.287 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Tgt Ion: 146 Resp: 438182
Ion Ratio Lower Upper
146 100
148 65.5 52.1 78.1
75 30.6 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 40.277 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

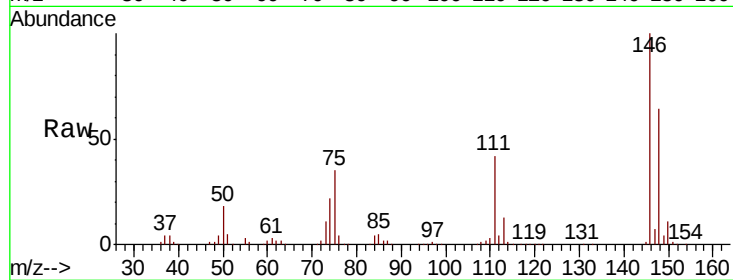
Tot Ion:146 Resp: 438625

Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

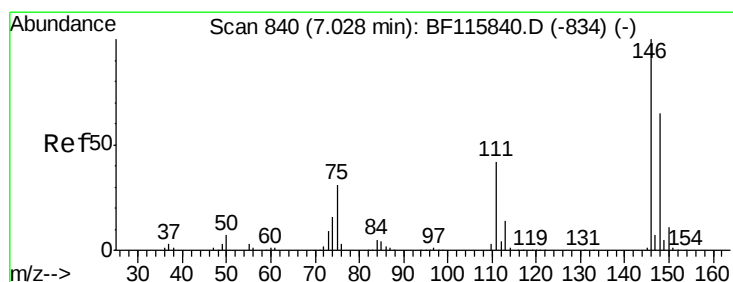
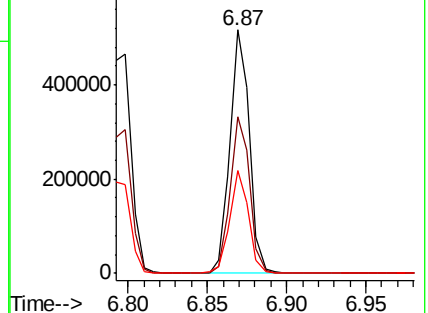
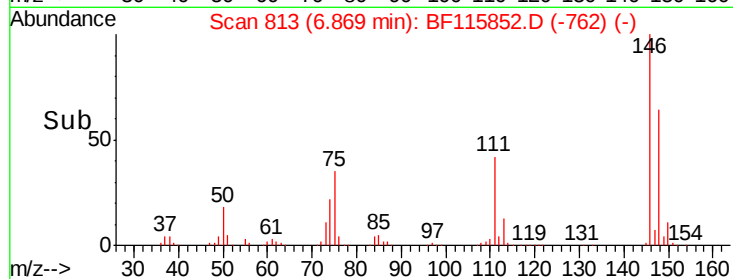
111 42.4 33.2 49.8



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: 41.000 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

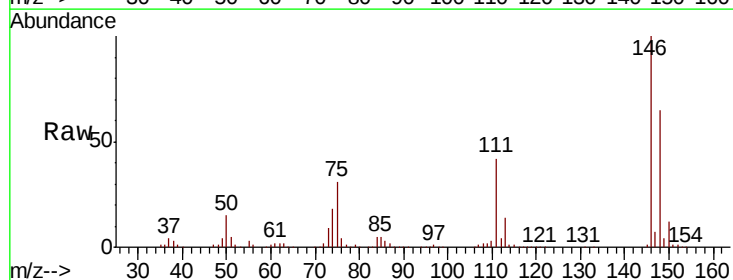
Tgt Ion:146 Resp: 411130

Ion Ratio Lower Upper

146 100

148 64.8 51.6 77.4

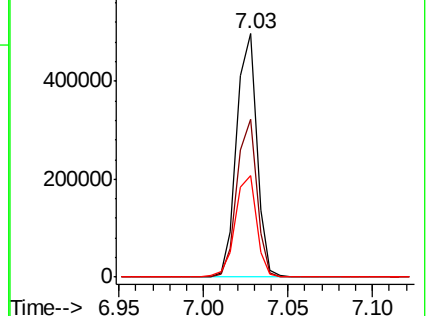
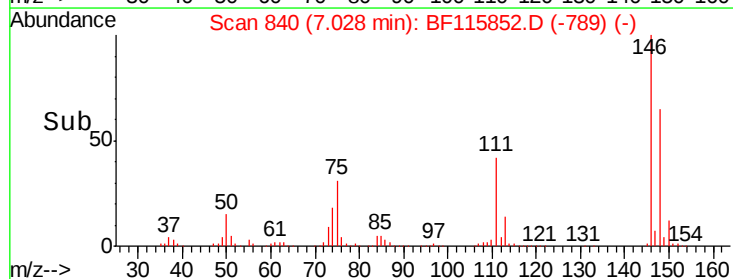
111 41.8 33.6 50.4



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: 41.152 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

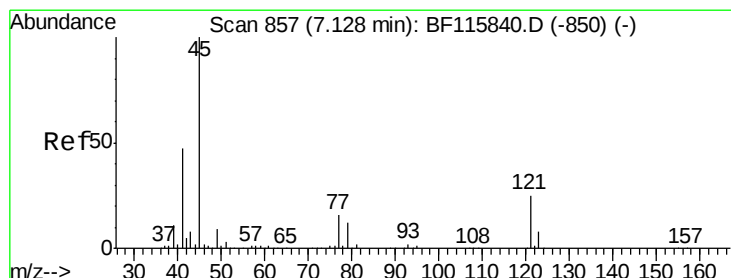
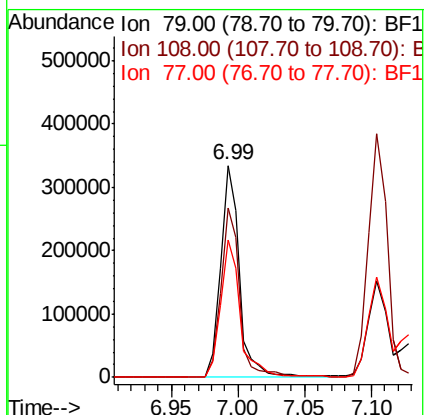
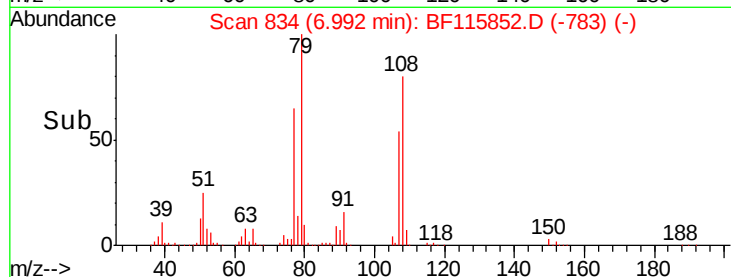
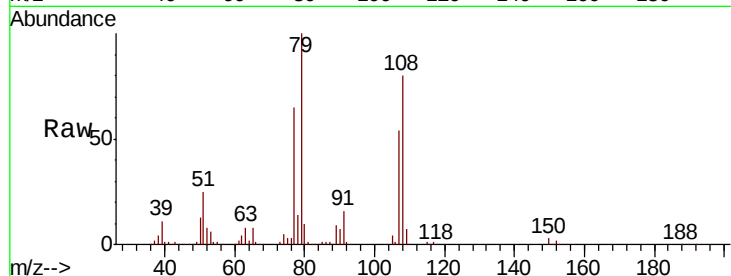
Tot Ion: 79 Resp: 335344

Ion Ratio Lower Upper

79 100

108 80.0 62.8 94.2

77 65.0 52.0 78.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.961 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

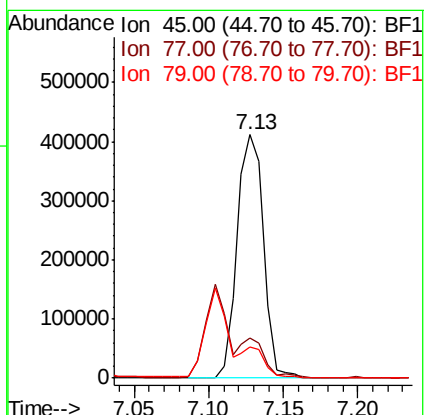
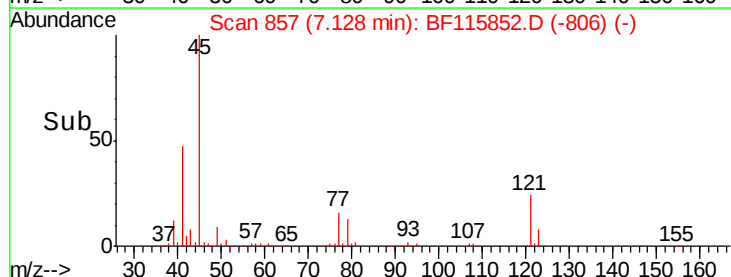
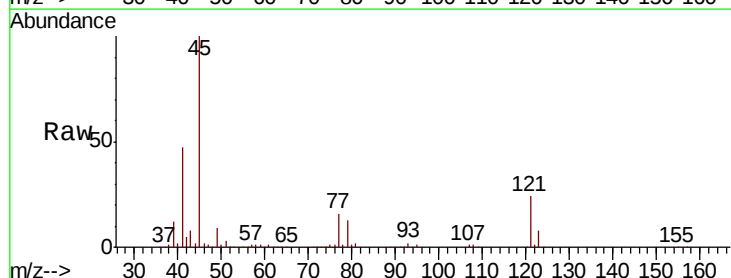
Tgt Ion: 45 Resp: 506734

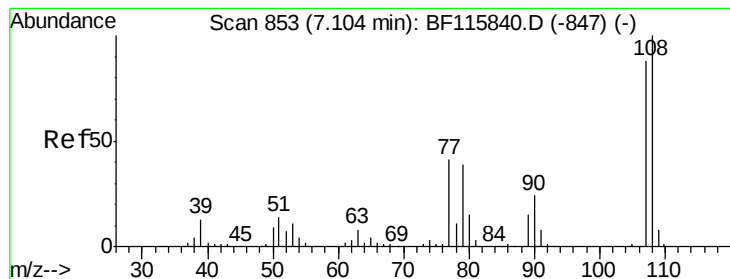
Ion Ratio Lower Upper

45 100

77 16.5 0.0 36.3

79 13.0 0.0 32.5





#17

2-Methylphenol

Concen: 39.825 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 317367

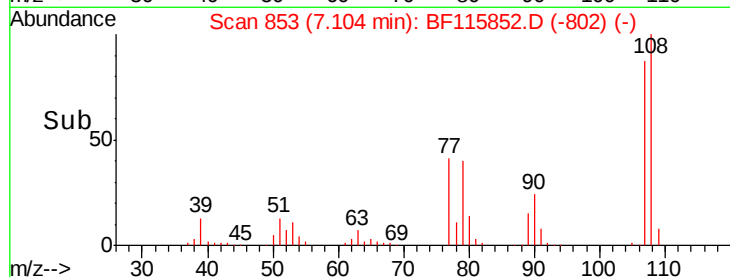
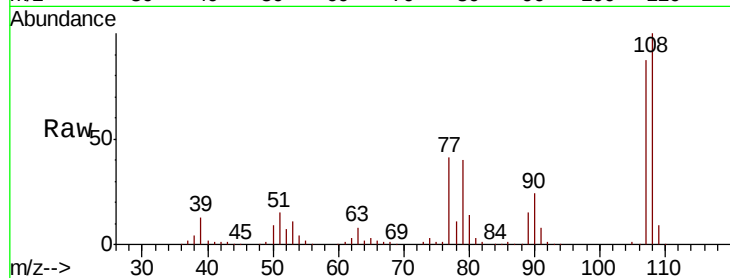
Ion Ratio Lower Upper

107 100

108 114.4 91.4 137.0

77 46.9 37.6 56.4

79 45.4 36.2 54.4

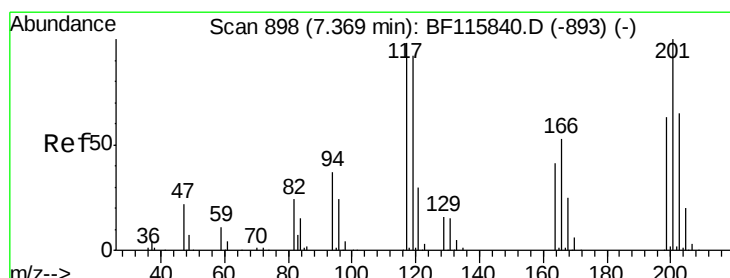
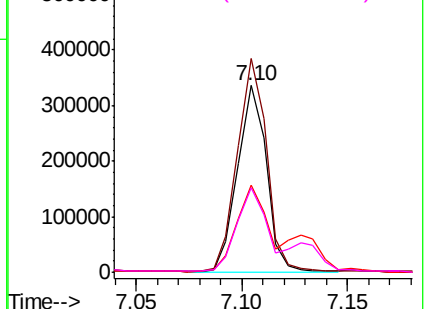


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.956 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

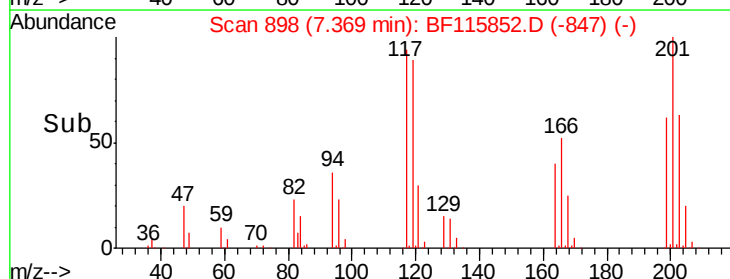
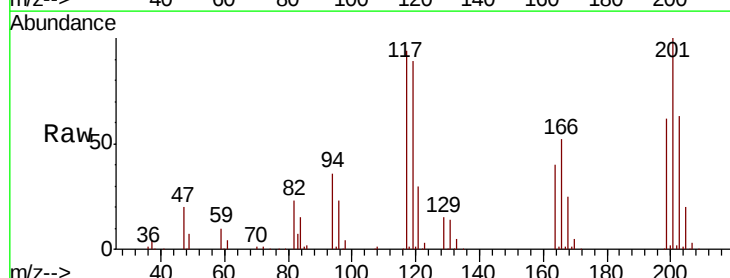
Tgt Ion:117 Resp: 160207

Ion Ratio Lower Upper

117 100

119 94.4 75.8 113.6

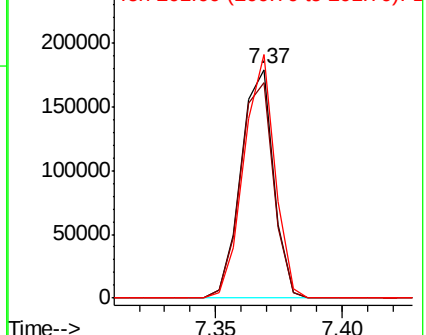
201 106.5 82.0 123.0

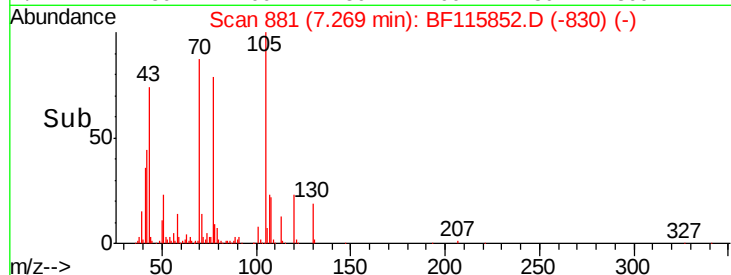
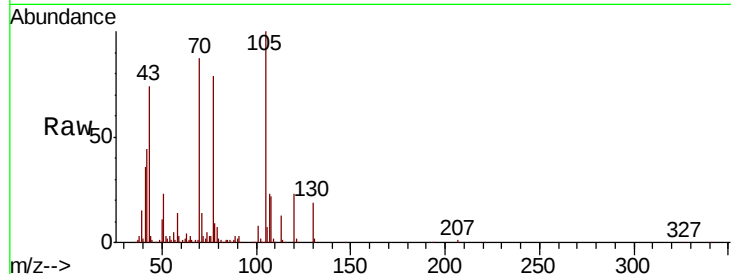


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

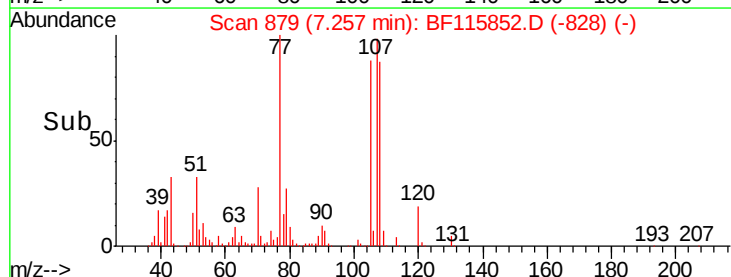
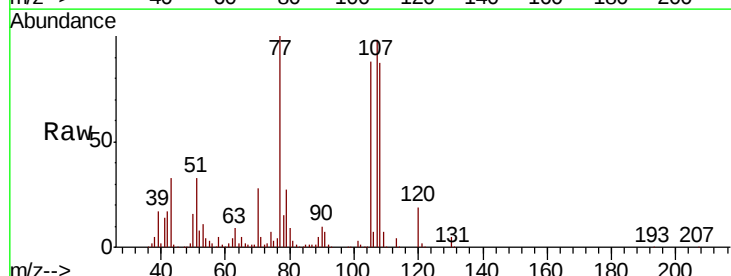
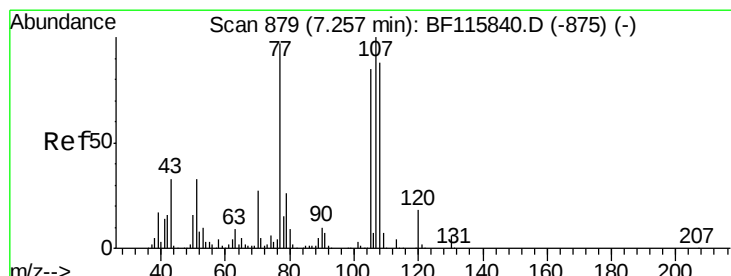
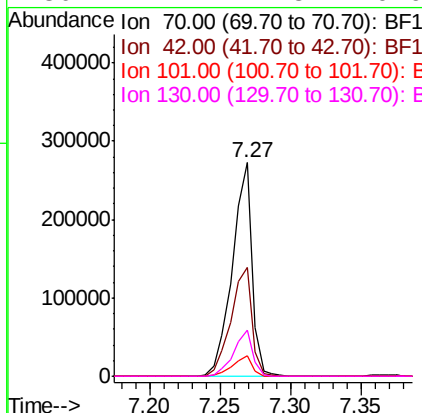




#19
n-Nitroso-di-n-propylamine
Concen: 39.780 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

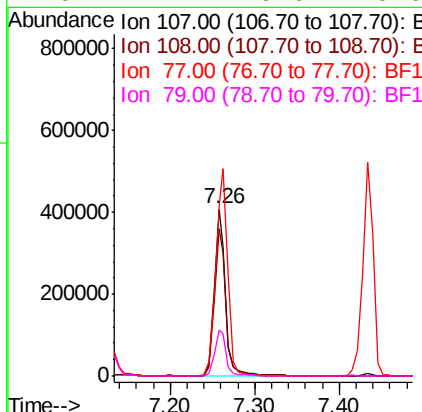
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

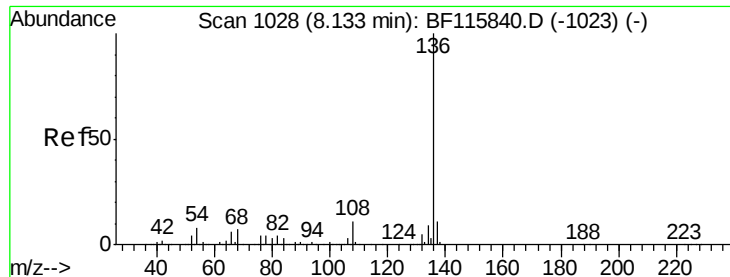
Tot Ion: 70 Resp: 264699
Ion Ratio Lower Upper
70 100
42 51.1 41.8 62.8
101 9.6 7.7 11.5
130 21.7 17.8 26.6



#20
3+4-Methylphenols
Concen: 40.946 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Tgt Ion:107 Resp: 386133
Ion Ratio Lower Upper
107 100
108 88.4 67.9 107.9
77 102.1 77.3 117.3
79 27.4 6.6 46.6

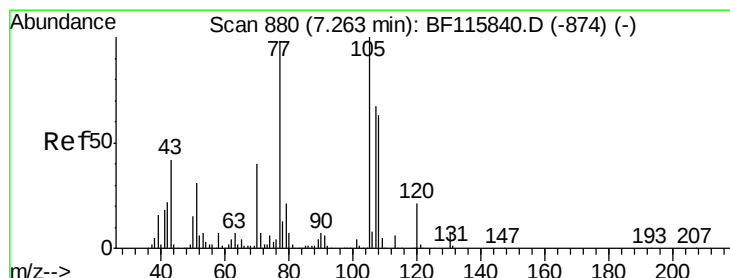
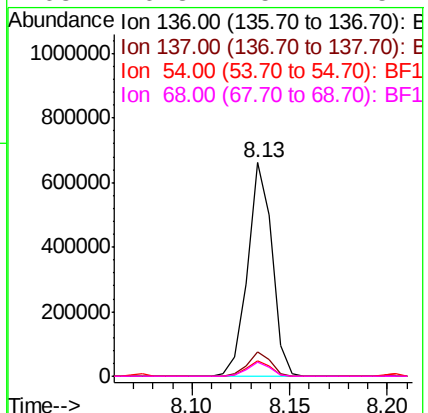
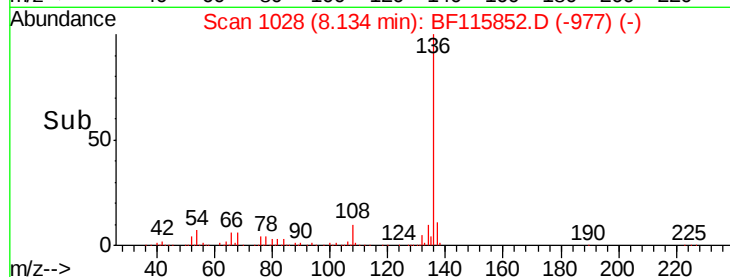
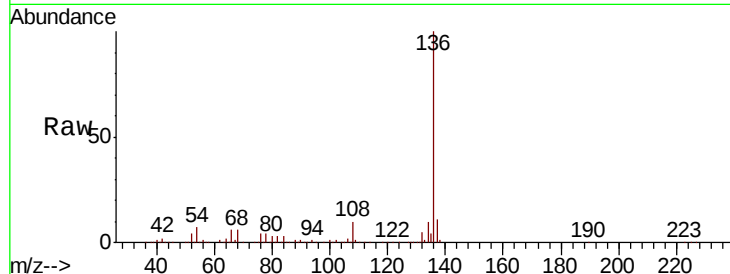




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

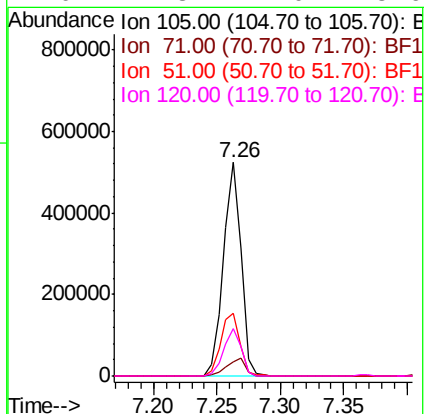
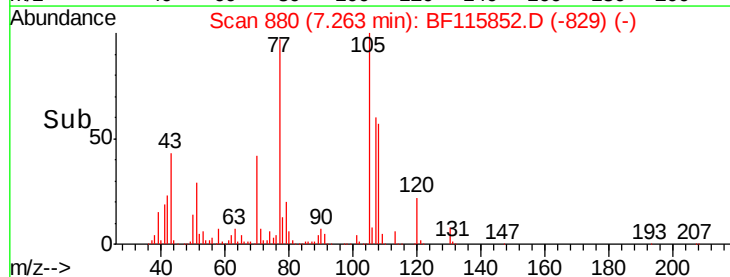
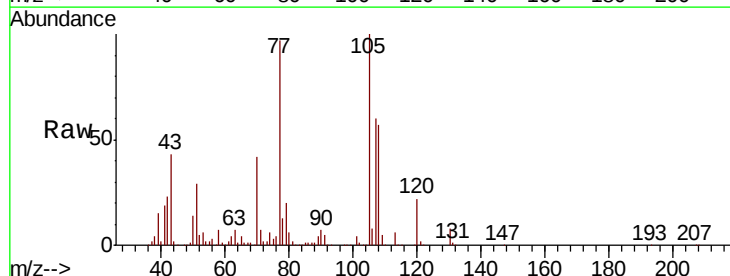
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	571734	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.1	13.7	
54 7.3	6.1	9.1	
68 6.3	5.4	8.2	



#22
Acetophenone
Concen: 40.540 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Tgt	Ion:105	Resp:	508329
Ion	Ratio	Lower	Upper
105	100		
71	6.8	5.4	8.0
51	29.3	24.6	36.8
120	22.3	17.0	25.6

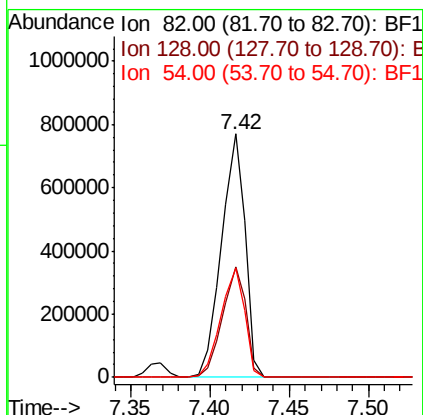
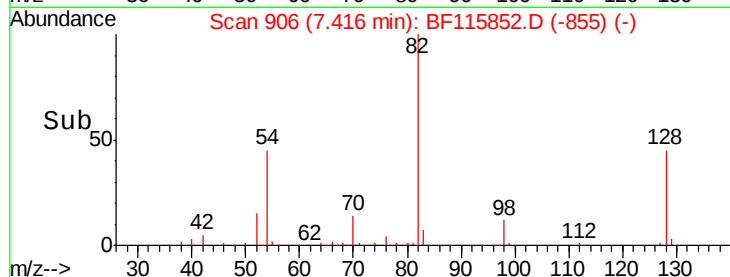
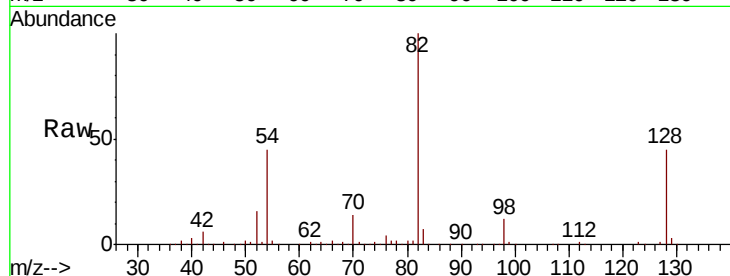




#23
Nitrobenzene-d5
Concen: 80.433 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

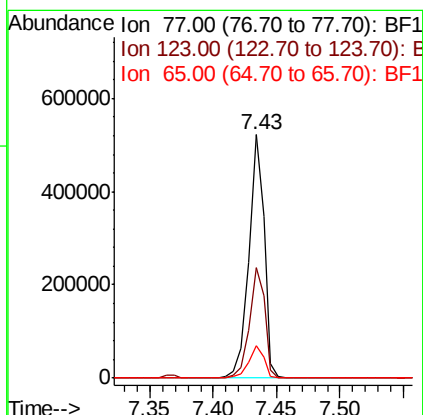
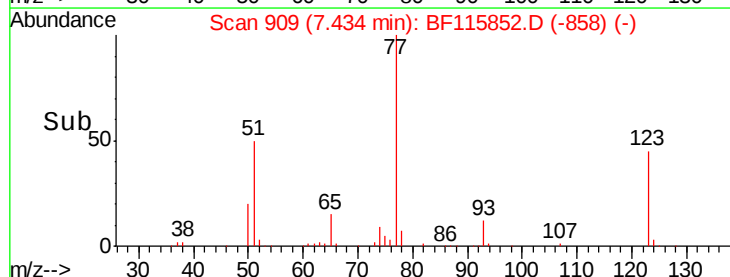
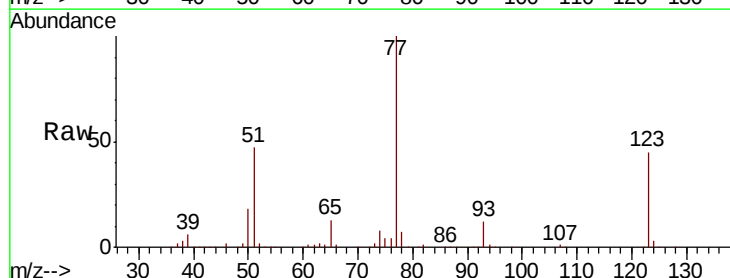
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

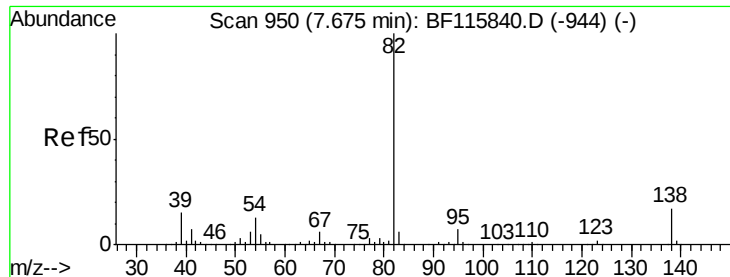
Tot Ion: 82 Resp: 796675
Ion Ratio Lower Upper
82 100
128 45.2 36.6 55.0
54 45.1 36.6 55.0



#24
Nitrobenzene
Concen: 40.750 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Tgt Ion: 77 Resp: 435815
Ion Ratio Lower Upper
77 100
123 45.1 35.5 53.3
65 13.5 10.6 15.8





#25

Isophorone

Concen: 39.325 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

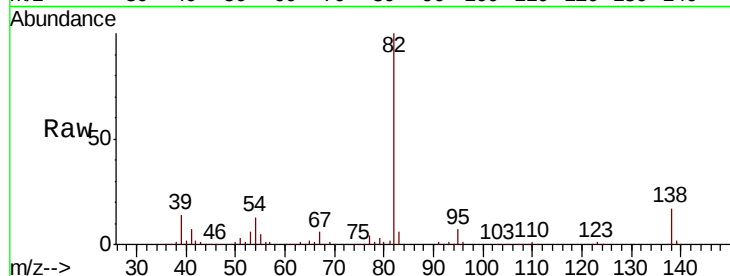
Tot Ion: 82 Resp: 744796

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

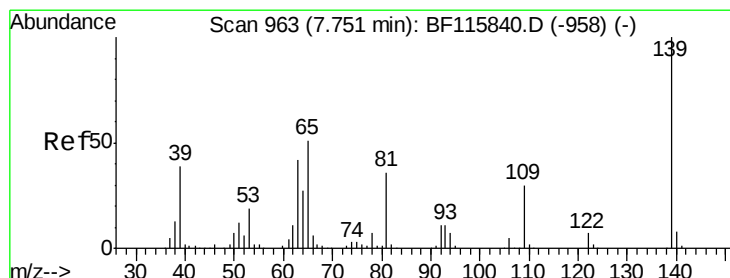
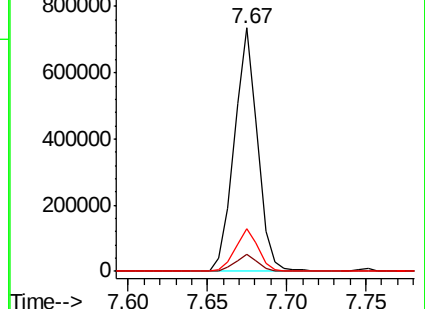
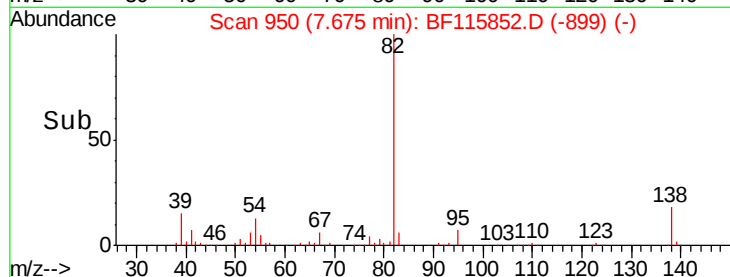
138 17.4 13.9 20.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.369 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

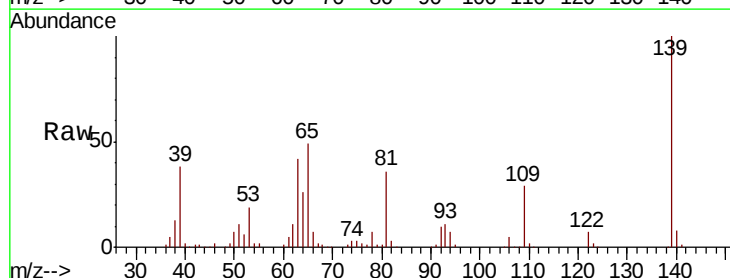
Tgt Ion: 139 Resp: 203514

Ion Ratio Lower Upper

139 100

109 29.3 23.6 35.4

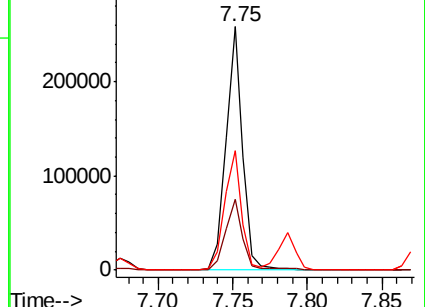
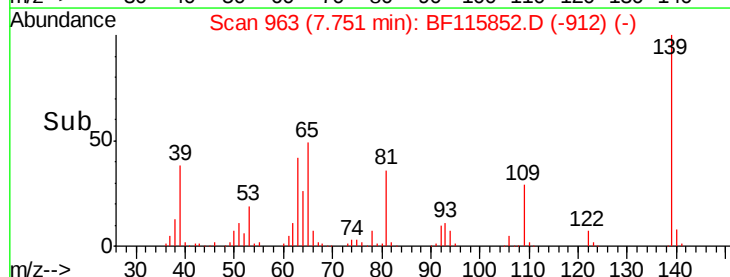
65 49.2 40.6 60.8

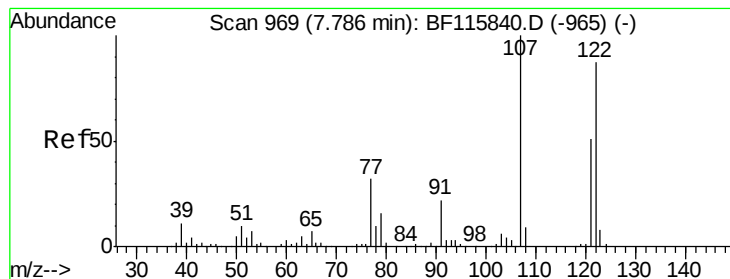


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.378 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

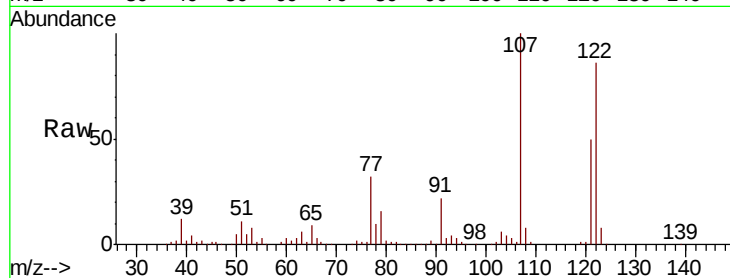
Tot Ion:122 Resp: 306250

Ion Ratio Lower Upper

122 100

107 115.6 91.7 137.5

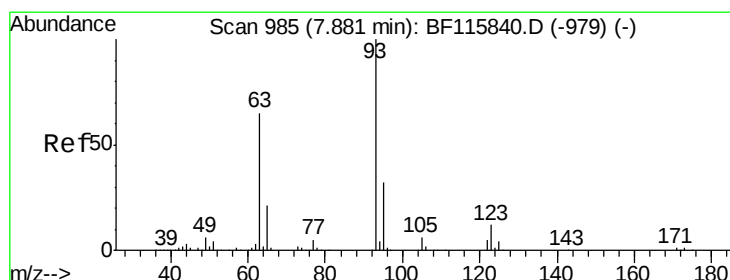
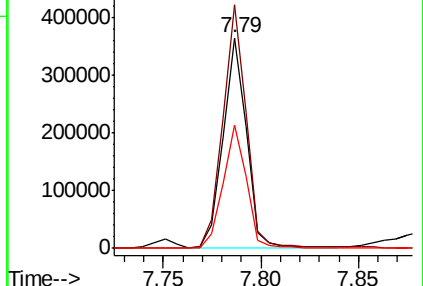
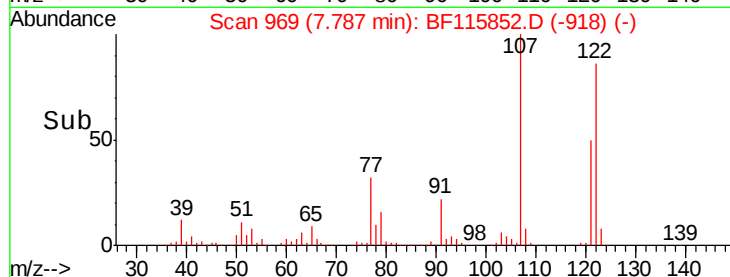
121 58.4 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.819 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

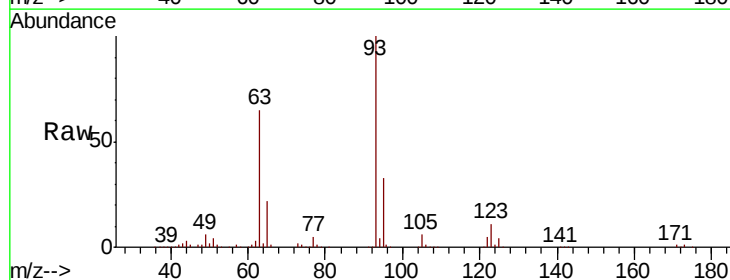
Tgt Ion: 93 Resp: 467436

Ion Ratio Lower Upper

93 100

95 33.4 26.0 39.0

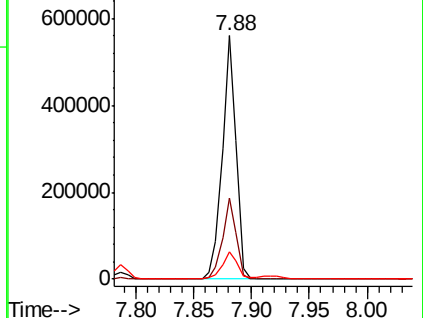
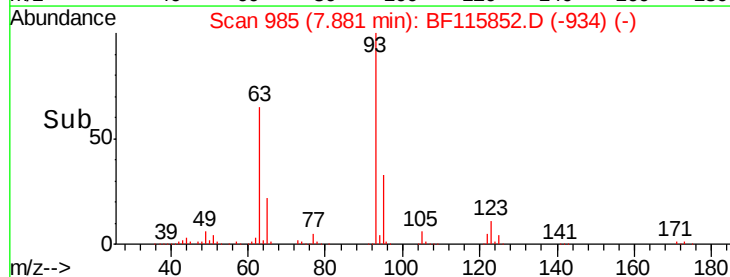
123 11.4 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

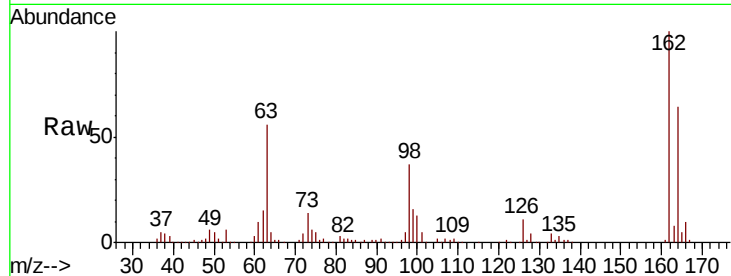




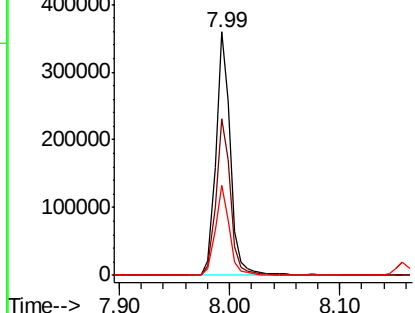
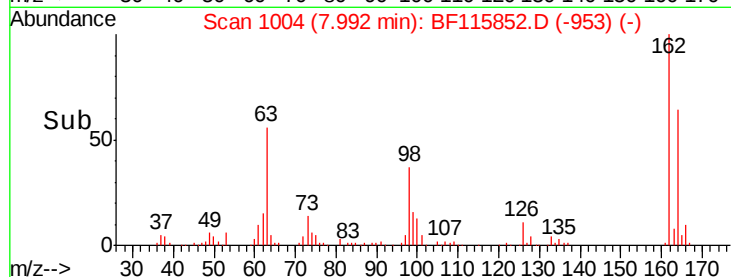
#29
 2,4-Dichlorophenol
 Concen: 40.313 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF115852.D
 Acq: 30 Jul 2019 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 322844
 Ion Ratio Lower Upper
 162 100
 164 64.1 43.2 83.2
 98 36.8 17.3 57.3

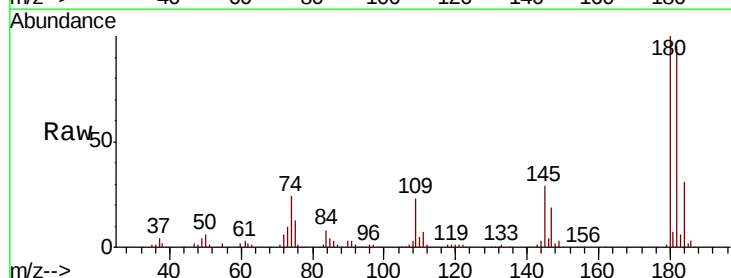


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

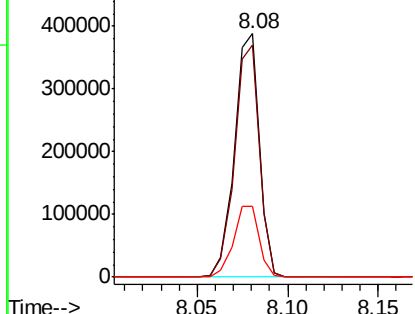
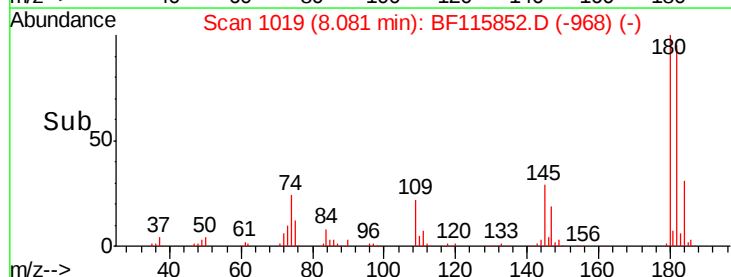


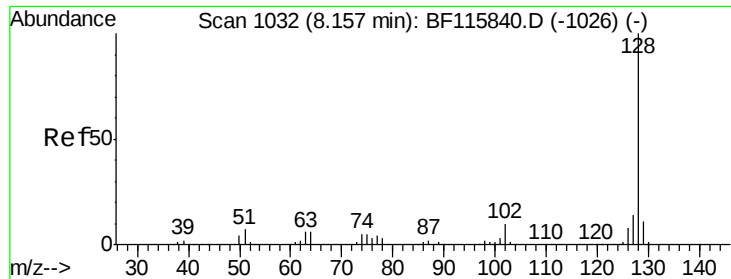
#30
 1,2,4-Trichlorobenzene
 Concen: 40.618 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF115852.D
 Acq: 30 Jul 2019 19:55

Tgt Ion:180 Resp: 370794
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.6 114.8
 145 28.9 23.2 34.8



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

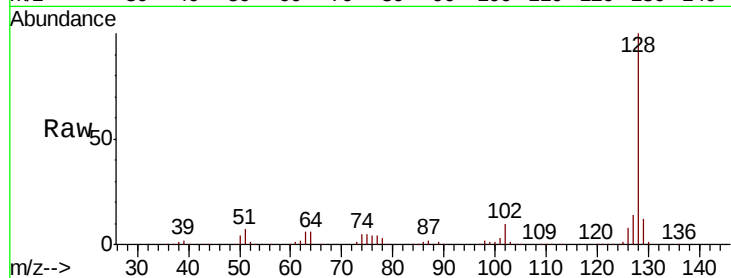




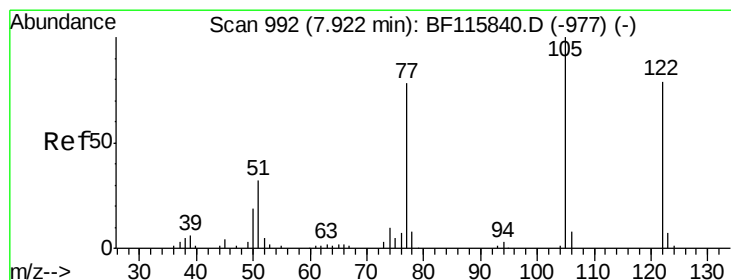
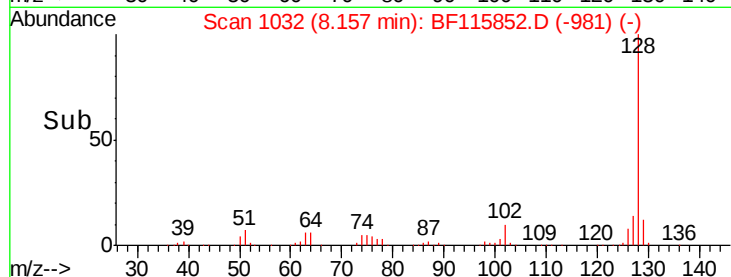
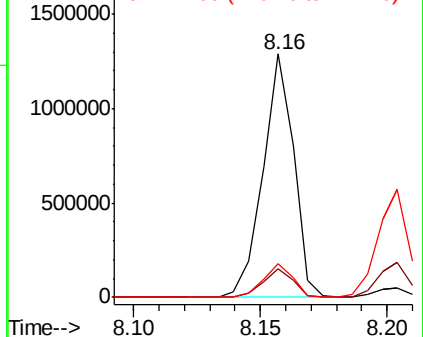
#31
Naphthalene
Concen: 40.904 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1100501
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.8 11.0 16.4

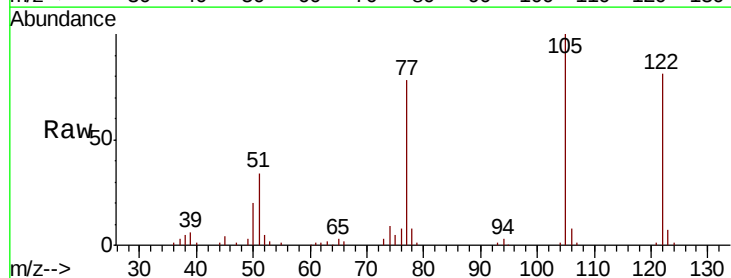


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

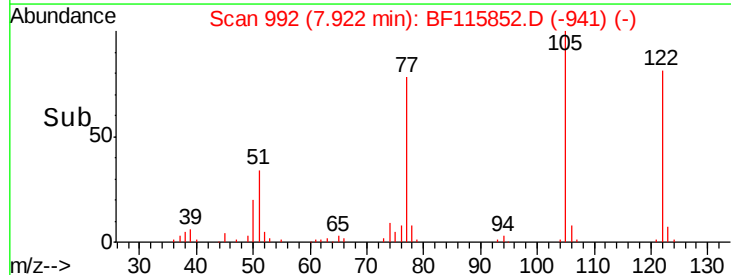
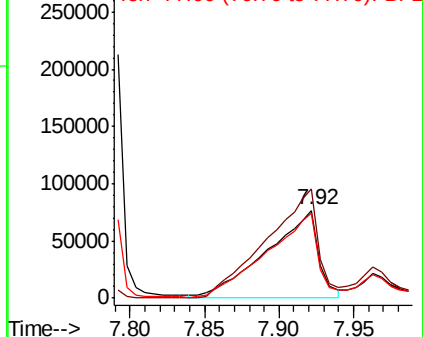


#32
Benzoic acid
Concen: 34.280 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Tgt Ion:122 Resp: 183307
Ion Ratio Lower Upper
122 100
105 123.6 103.1 143.1
77 96.7 76.8 116.8



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

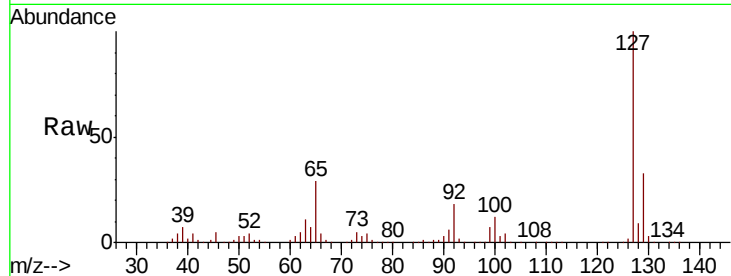




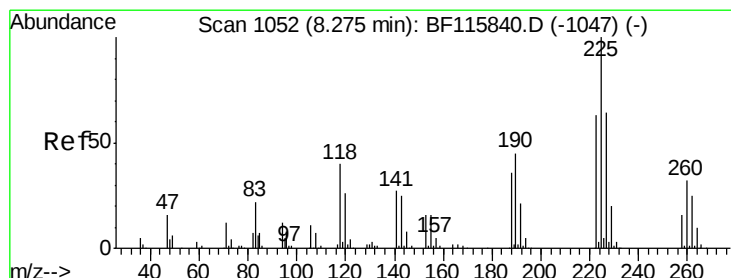
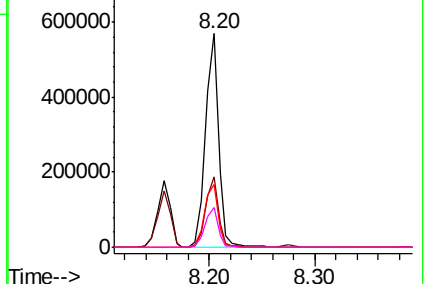
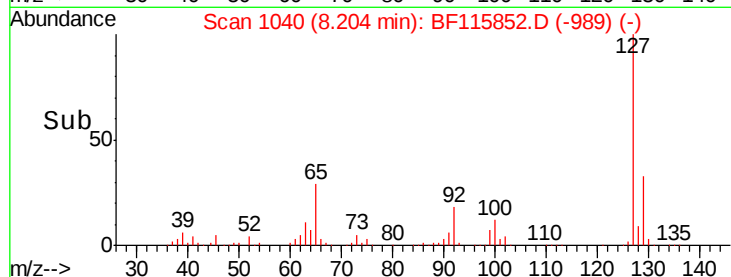
#33
4-Chloroaniline
Concen: 40.582 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	487849
Ion Ratio	Lower	Upper
127	100	
129	32.8	26.0 39.0
65	29.2	23.9 35.9
92	18.4	14.9 22.3

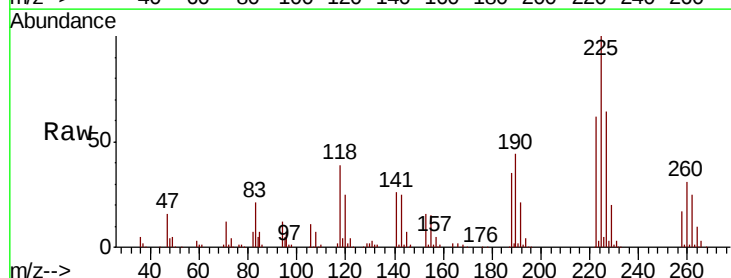


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

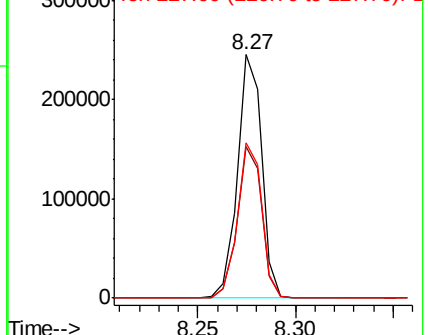
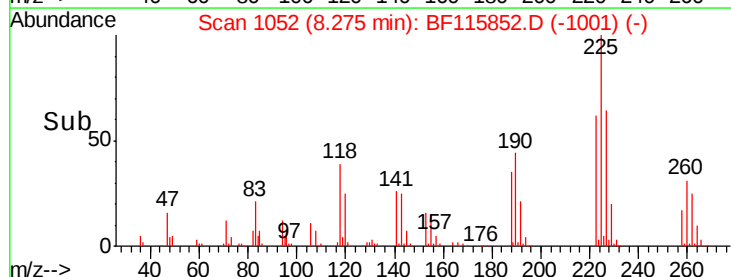


#34
Hexachlorobutadiene
Concen: 40.057 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Tgt Ion:225	Resp:	210626
Ion Ratio	Lower	Upper
225	100	
223	62.3	50.4 75.6
227	63.5	51.6 77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

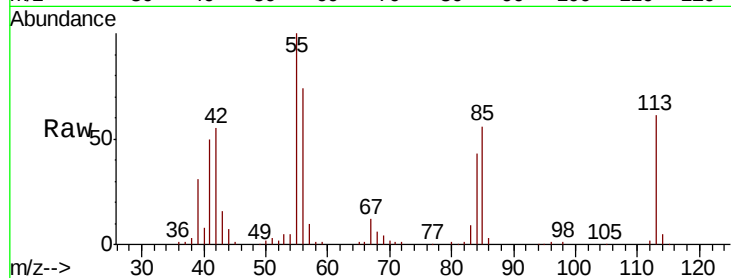




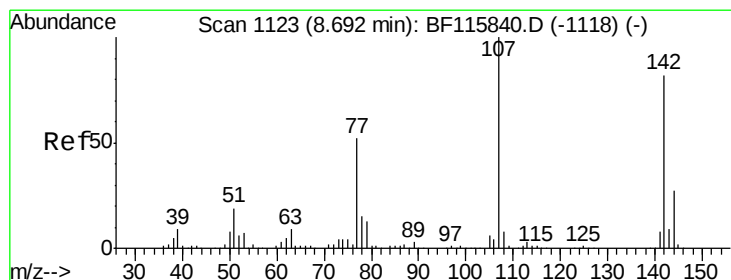
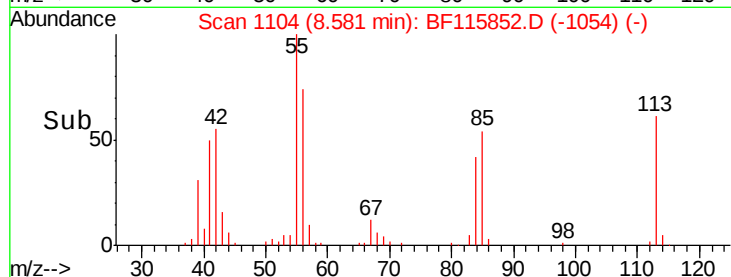
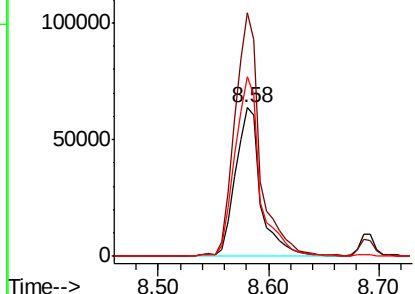
#35
Caprolactam
Concen: 39.802 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 103091
Ion Ratio Lower Upper
113 100
55 163.8 138.1 178.1
56 121.0 100.6 140.6

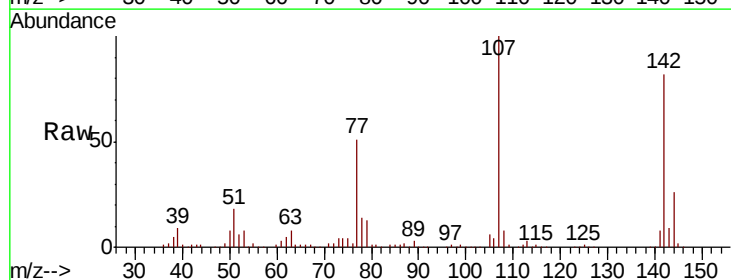


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

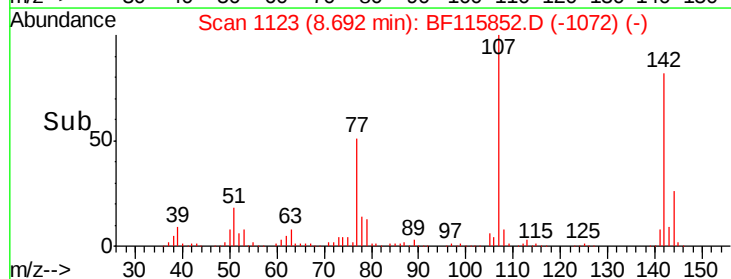
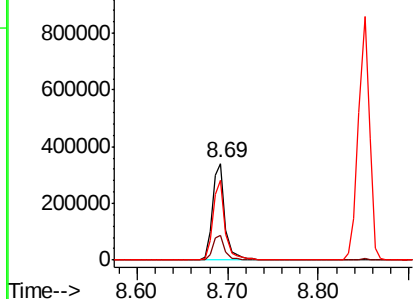


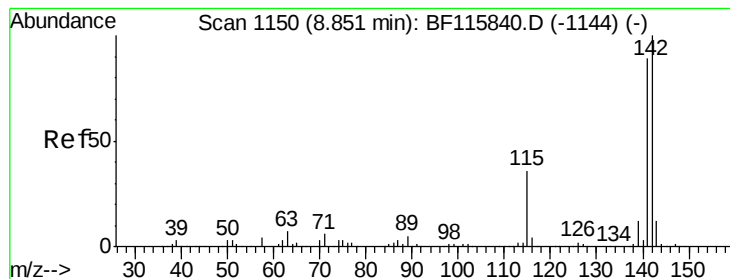
#36
4-Chloro-3-methylphenol
Concen: 39.843 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Tgt Ion:107 Resp: 331942
Ion Ratio Lower Upper
107 100
144 26.0 21.4 32.0
142 82.4 65.5 98.3



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





#37

2-Methylnaphthalene

Concen: 40.662 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

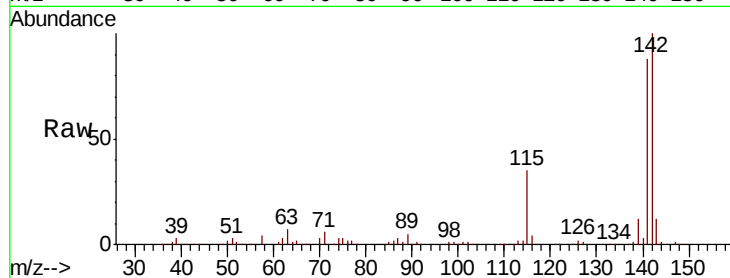
Tot Ion:142 Resp: 720498

Ion Ratio Lower Upper

142 100

141 88.1 71.4 107.2

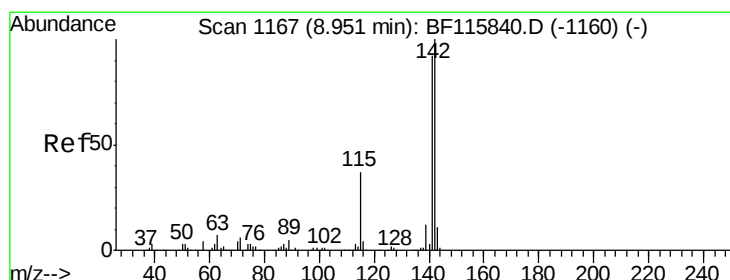
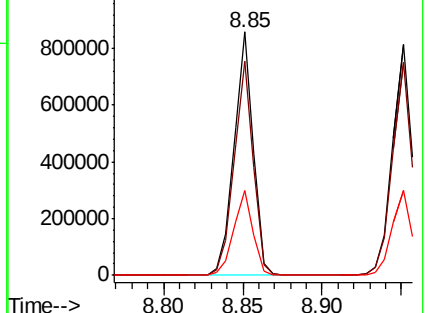
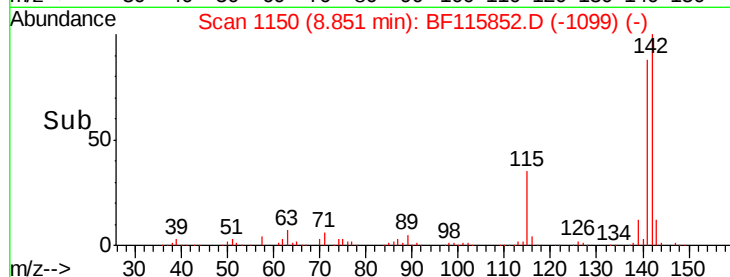
115 35.1 28.9 43.3



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: 40.682 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

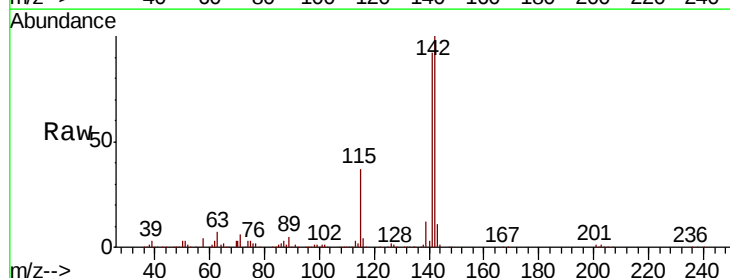
Tgt Ion:142 Resp: 681953

Ion Ratio Lower Upper

142 100

141 91.9 73.8 110.6

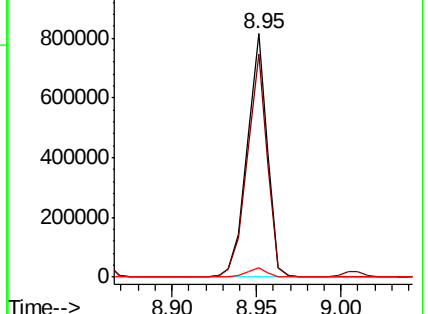
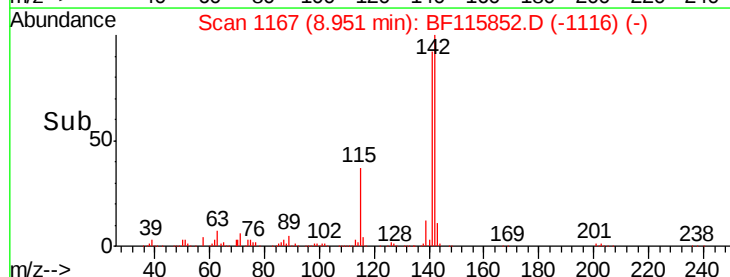
116 3.8 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

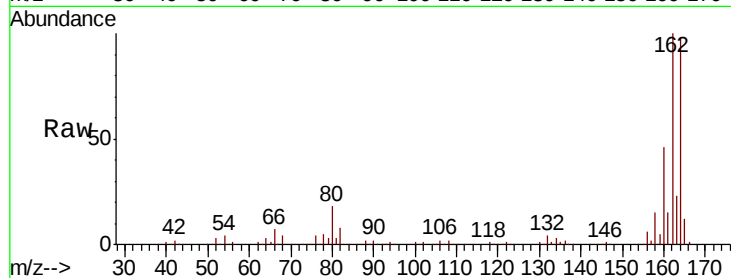
Tot Ion:164 Resp: 301706

Ion Ratio Lower Upper

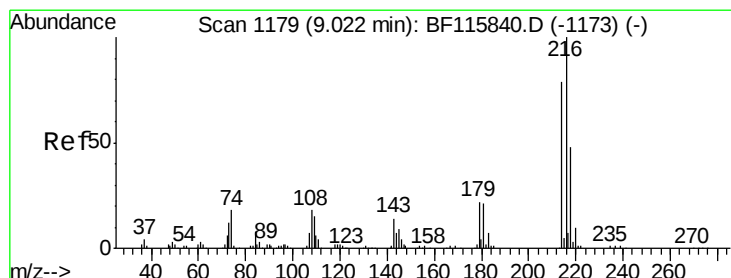
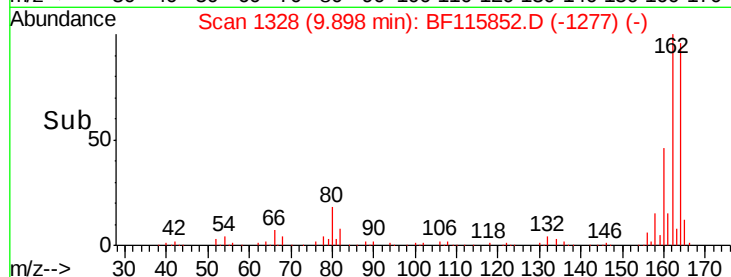
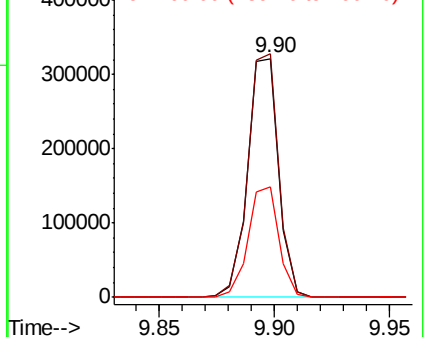
164 100

162 102.1 80.8 121.2

160 46.5 36.2 54.4



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.352 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Tgt Ion:216 Resp: 325468

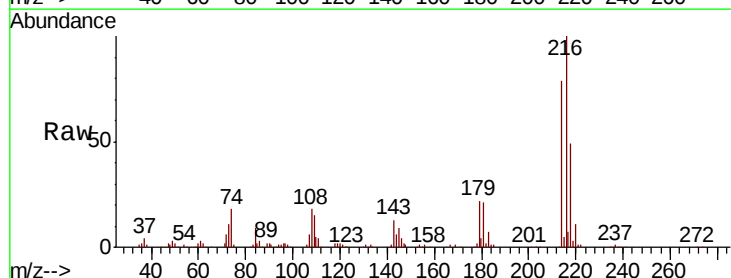
Ion Ratio Lower Upper

216 100

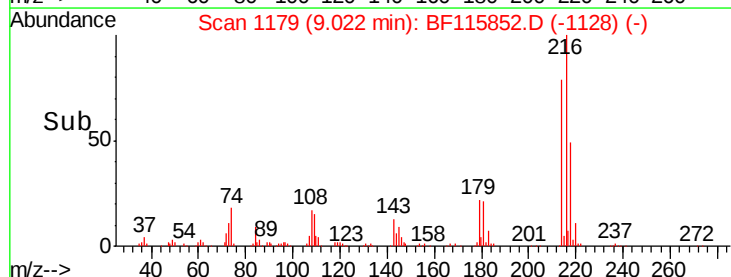
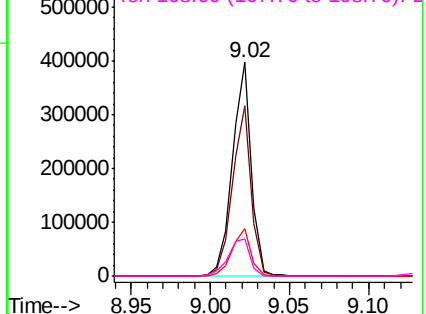
214 79.1 62.8 94.2

179 21.9 17.6 26.4

108 20.6 16.1 24.1



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.283 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

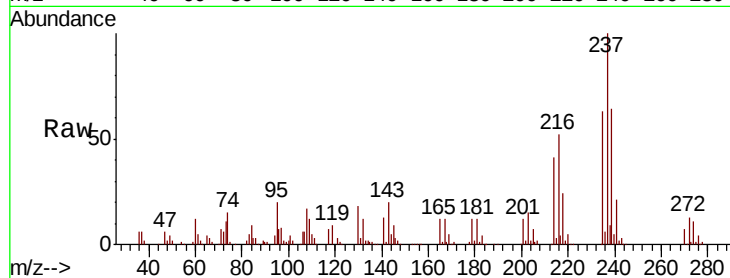
Tot Ion:237 Resp: 127003

Ion Ratio Lower Upper

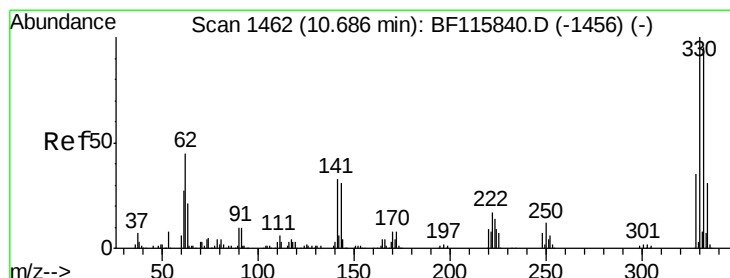
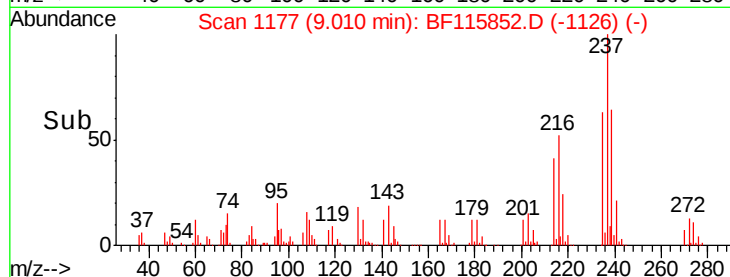
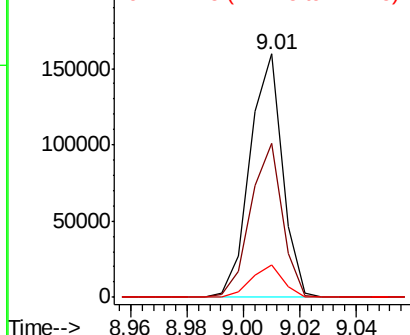
237 100

235 63.3 42.5 82.5

272 13.4 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 78.439 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

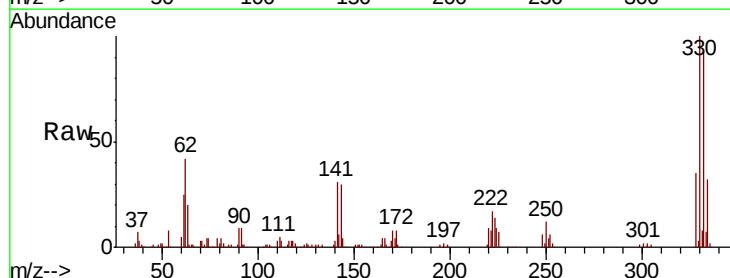
Tgt Ion:330 Resp: 229443

Ion Ratio Lower Upper

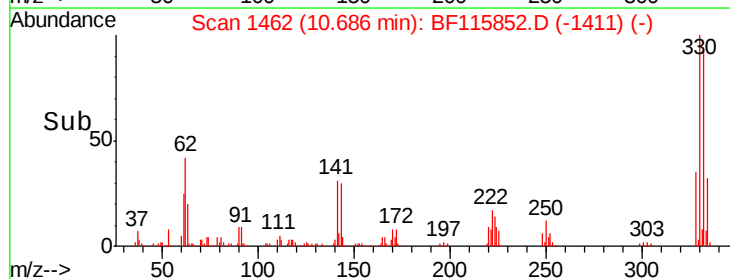
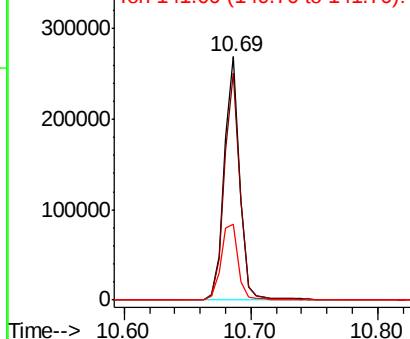
330 100

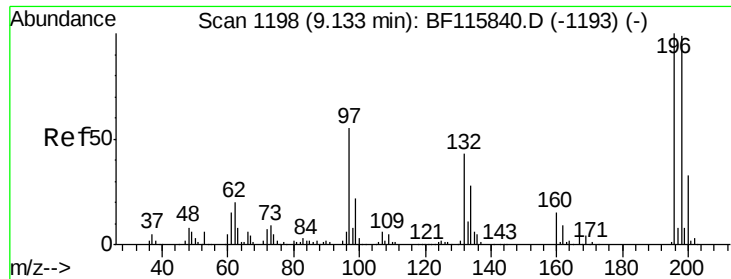
332 95.0 77.7 116.5

141 35.3 28.1 42.1



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

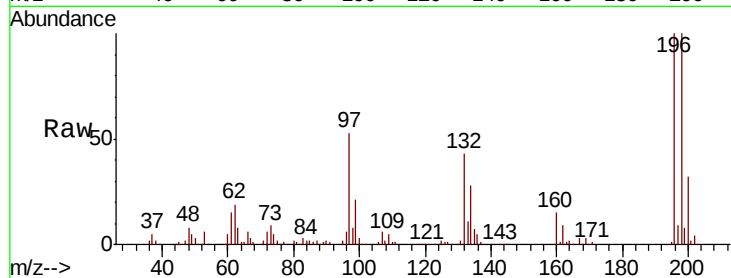




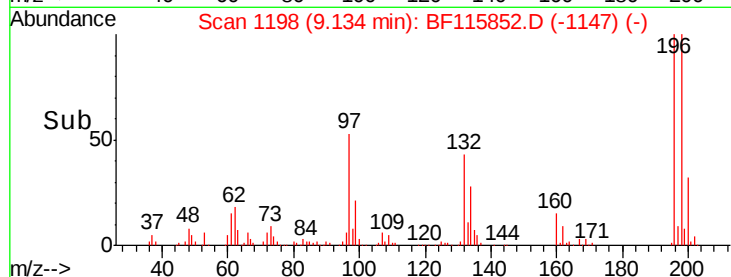
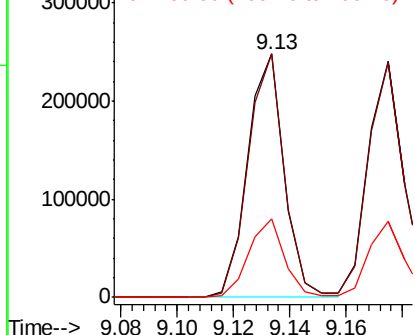
#43
 2,4,6-Trichlorophenol
 Concen: 40.107 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115852.D
 Acq: 30 Jul 2019 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 222665
 Ion Ratio Lower Upper
 196 100
 198 100.2 79.1 118.7
 200 32.1 26.0 39.0

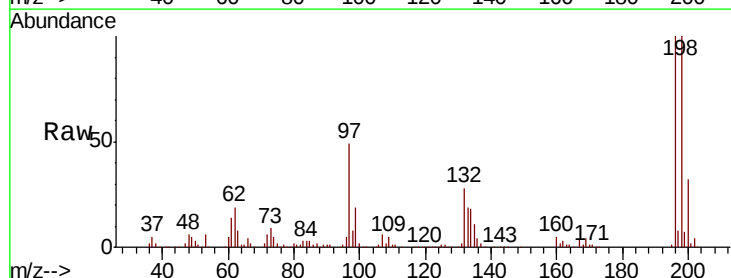


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

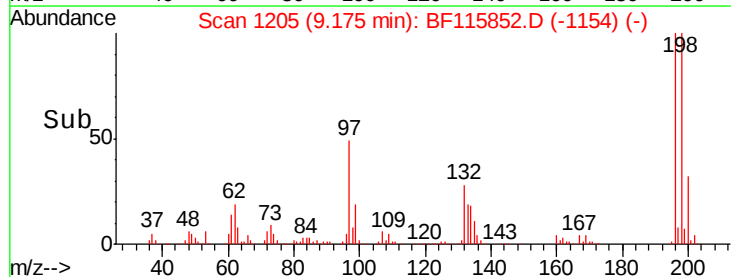
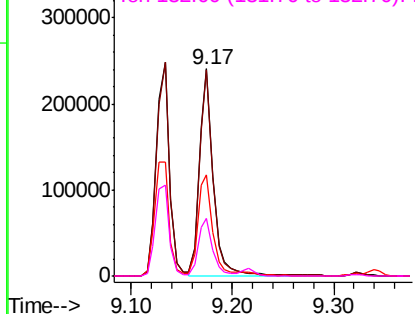


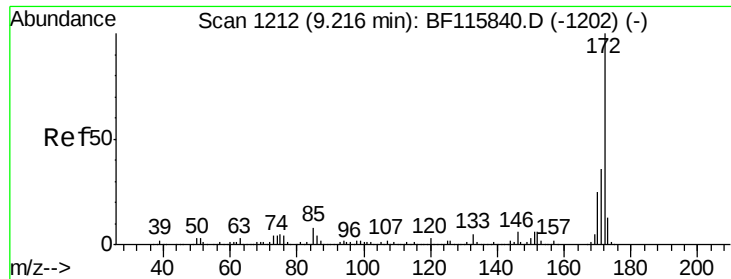
#44
 2,4,5-Trichlorophenol
 Concen: 39.644 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115852.D
 Acq: 30 Jul 2019 19:55

Tgt Ion:196 Resp: 227513
 Ion Ratio Lower Upper
 196 100
 198 99.7 80.1 120.1
 97 48.9 38.9 58.3
 132 28.0 22.6 33.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

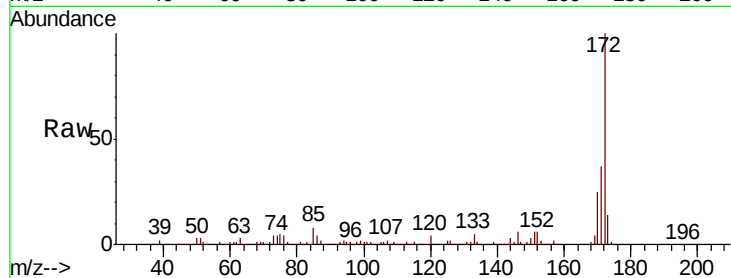




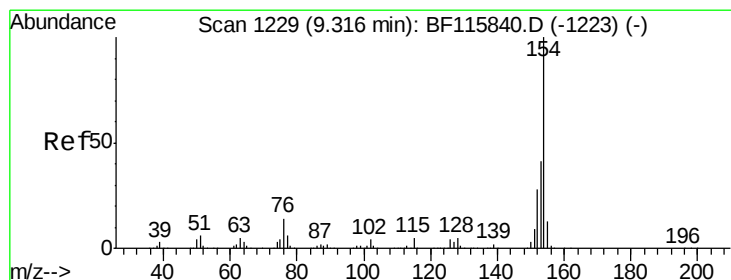
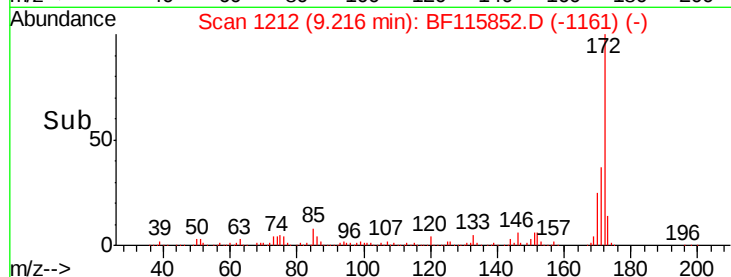
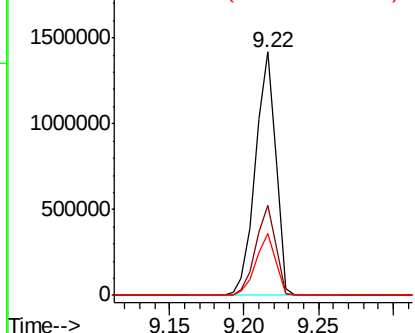
#45
2-Fluorobiphenyl
Concen: 82.175 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1323636
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 25.2 20.1 30.1

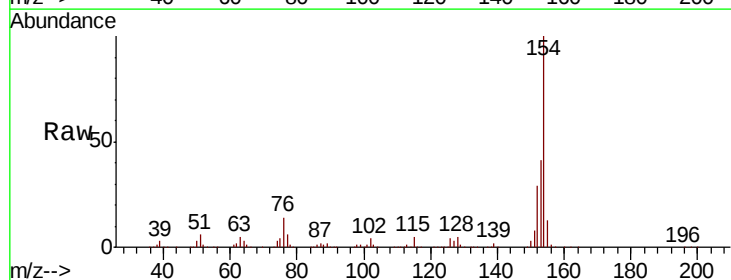


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

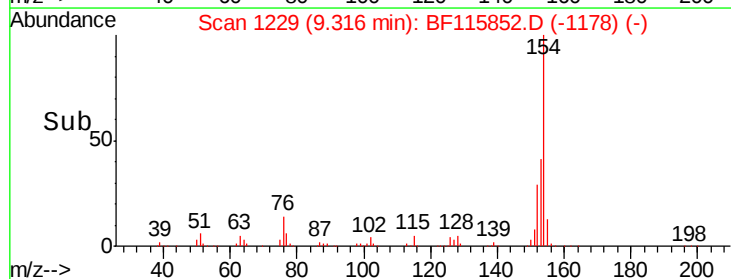
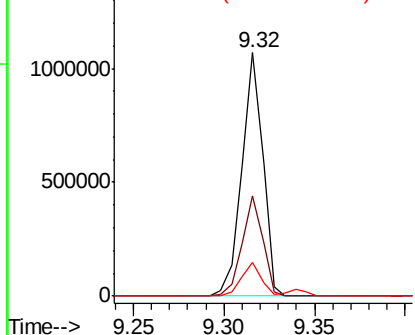


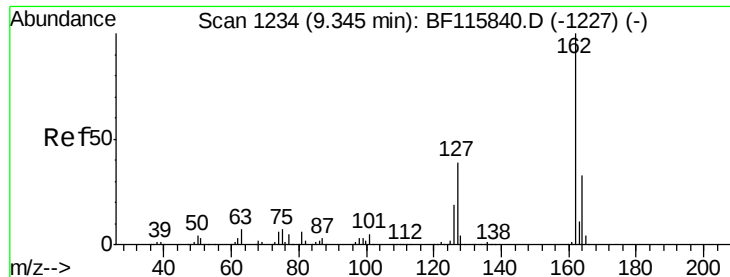
#46
1,1'-Biphenyl
Concen: 40.458 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Tgt Ion:154 Resp: 861777
Ion Ratio Lower Upper
154 100
153 41.2 20.9 60.9
76 14.0 0.0 34.3



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

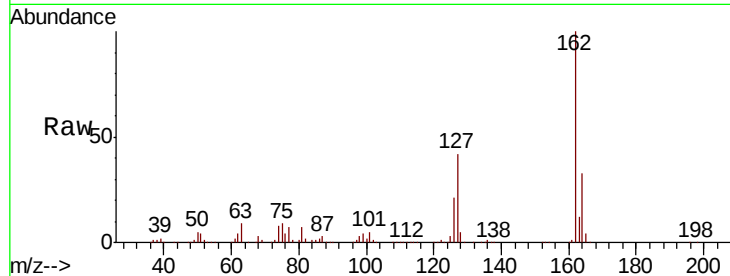




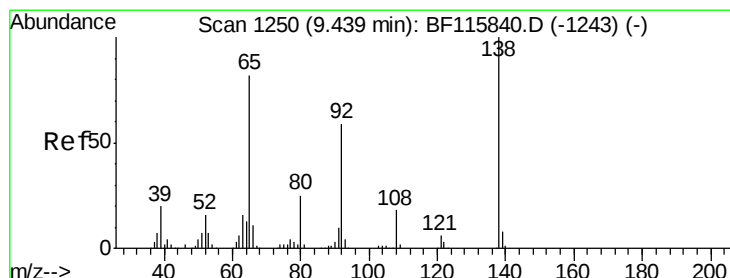
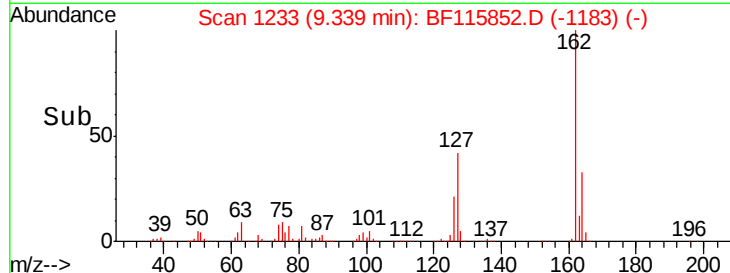
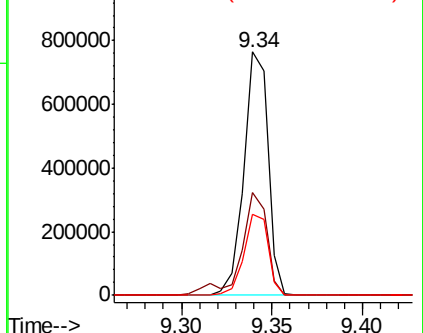
#47
 2-Chloronaphthalene
 Concen: 40.003 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF115852.D
 Acq: 30 Jul 2019 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	709186
Ion	Ratio	Lower	Upper
162	100		
127	42.2	31.3	46.9
164	33.5	26.6	40.0

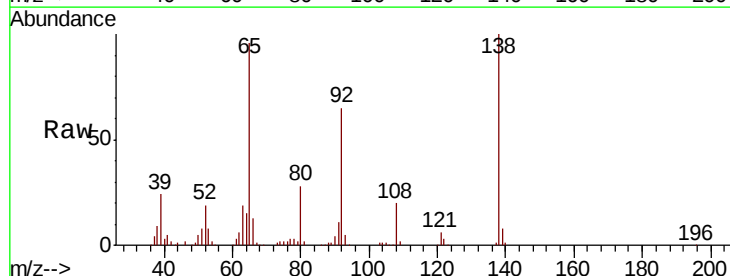


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

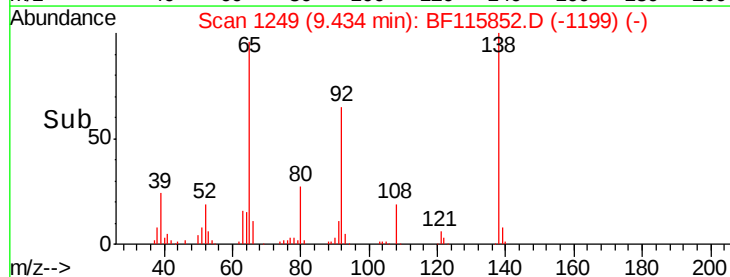
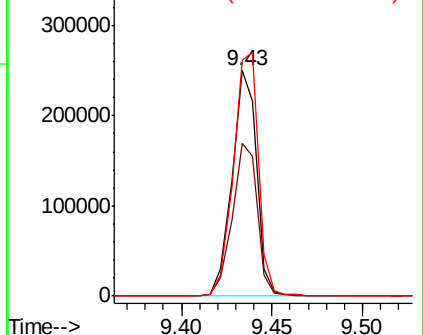


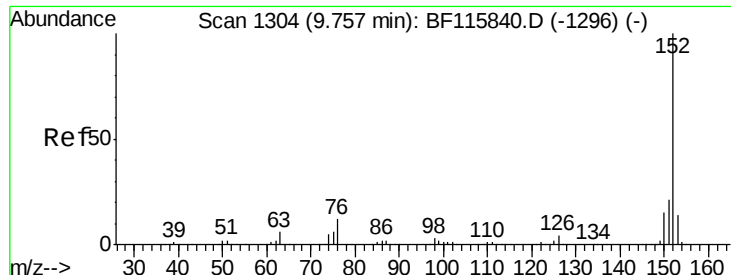
#48
 2-Nitroaniline
 Concen: 40.111 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF115852.D
 Acq: 30 Jul 2019 19:55

Tgt Ion:	65	Resp:	235044
Ion	Ratio	Lower	Upper
65	100		
92	67.9	57.1	85.7
138	104.4	97.1	145.7



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





#49

Acenaphthylene

Concen: 40.493 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

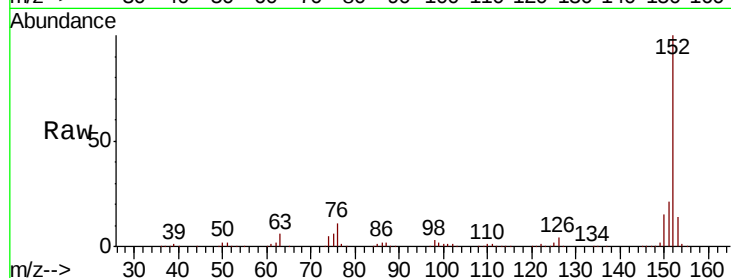
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1047312

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.8	25.2
153	14.2	11.6	17.4

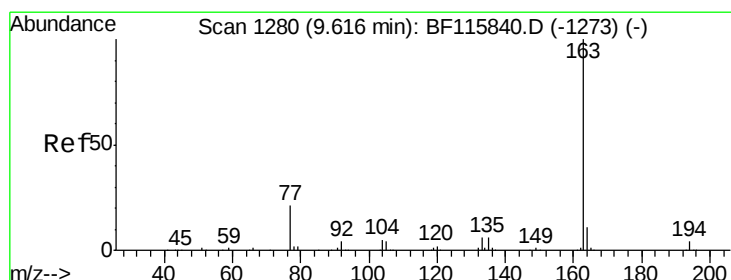
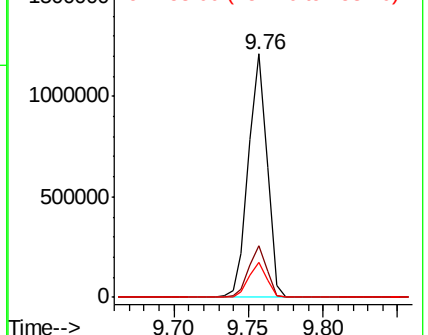
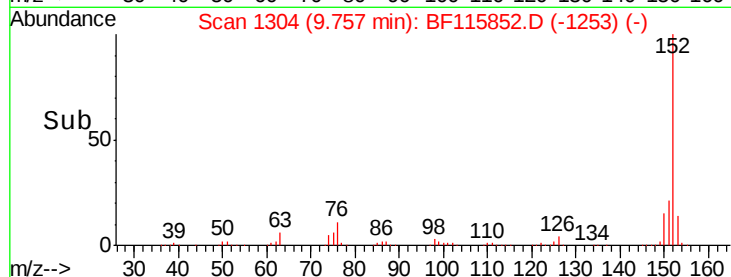


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.902 ng

RT: 9.62 min Scan# 1280

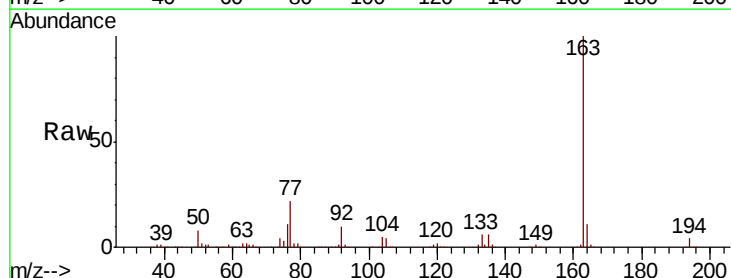
Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Tgt Ion:163 Resp: 799145

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.5	8.4	12.6

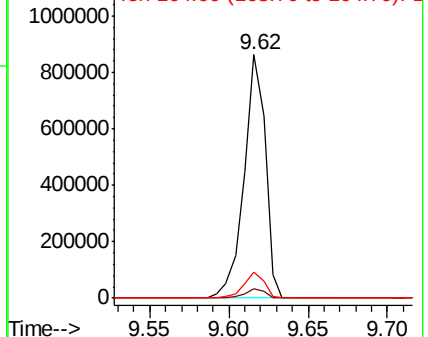
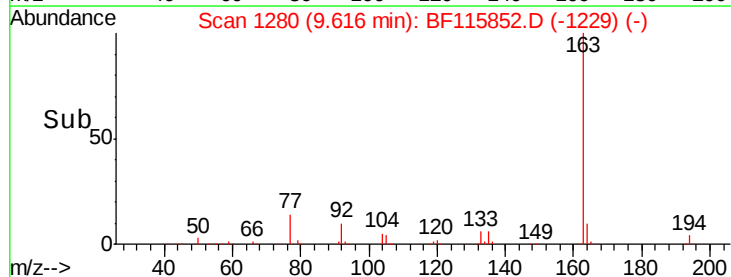


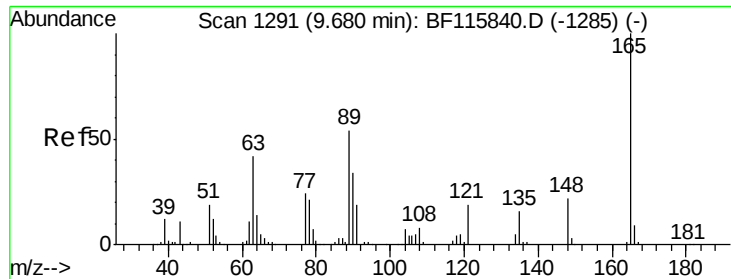
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.489 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

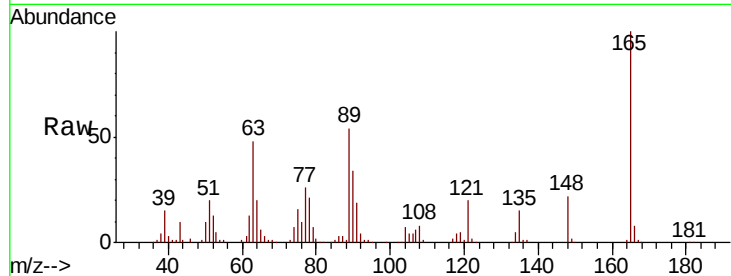
Tot Ion:165 Resp: 176291

Ion Ratio Lower Upper

165 100

63 47.8 39.4 59.2

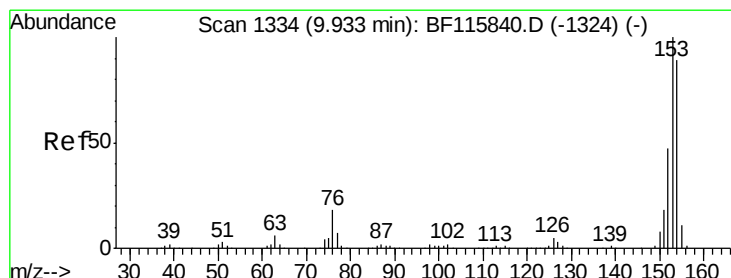
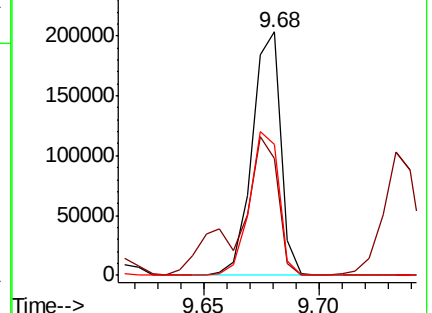
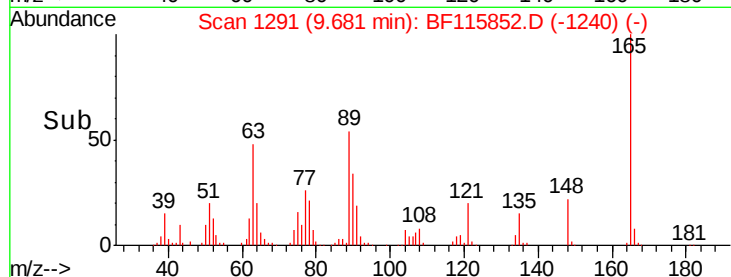
89 53.7 43.0 64.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.094 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

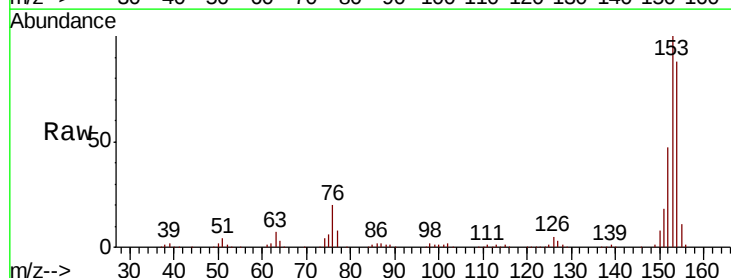
Tgt Ion:154 Resp: 652034

Ion Ratio Lower Upper

154 100

153 113.8 90.1 135.1

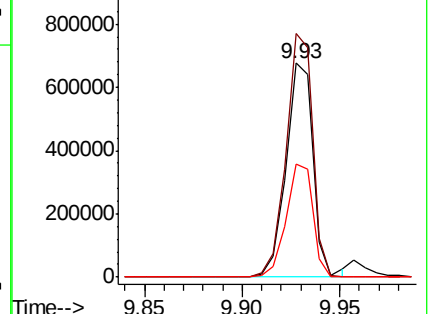
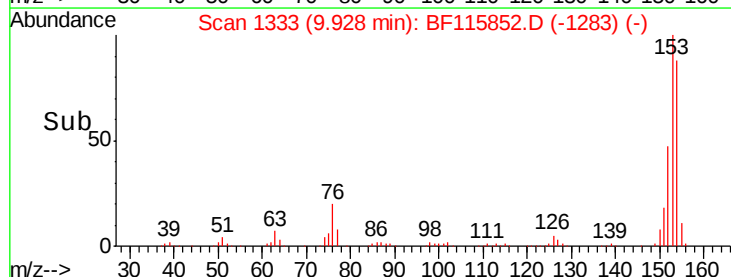
152 53.0 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

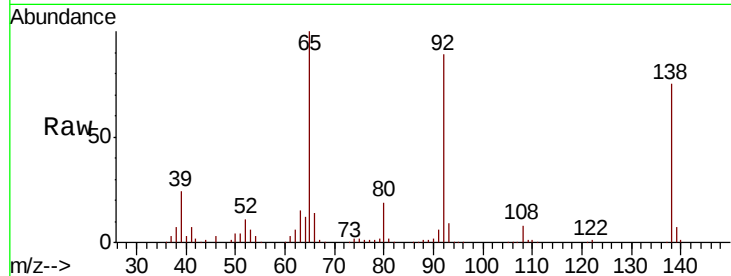




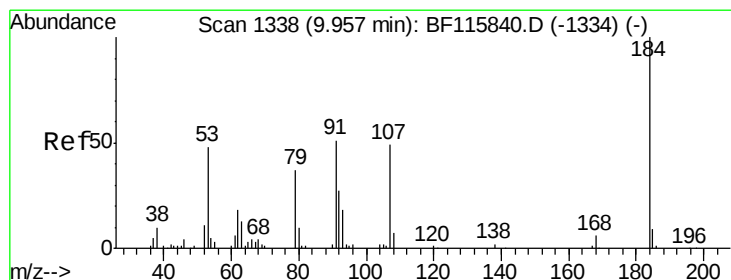
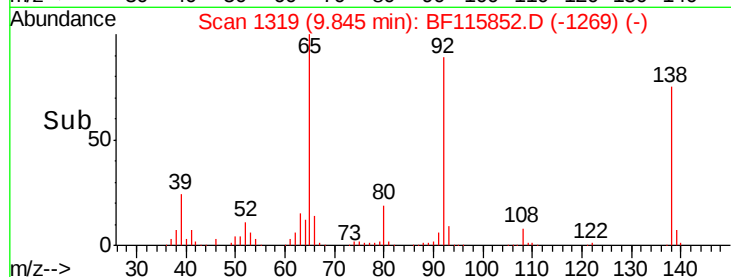
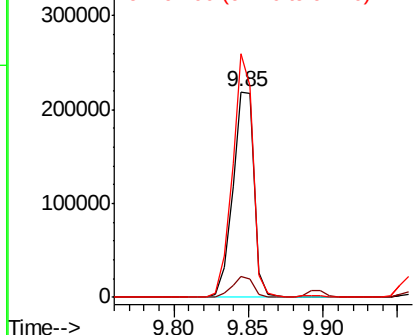
#53
3-Nitroaniline
Concen: 39.970 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 220485
Ion Ratio Lower Upper
138 100
108 10.3 7.4 11.2
92 118.5 83.9 125.9

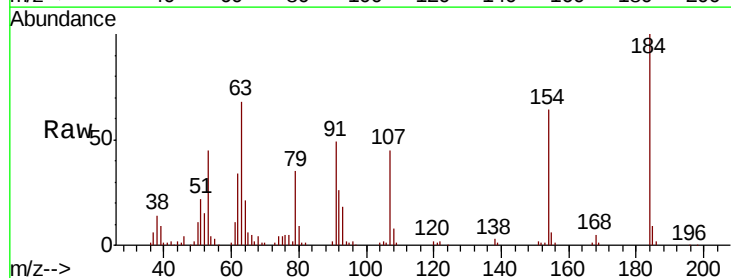


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

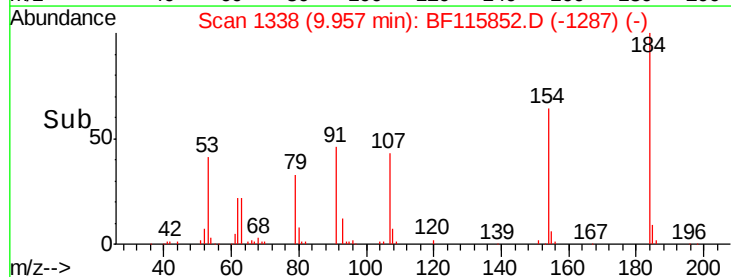
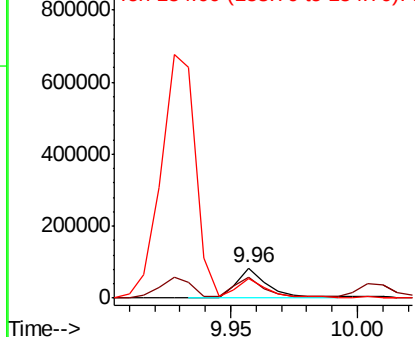


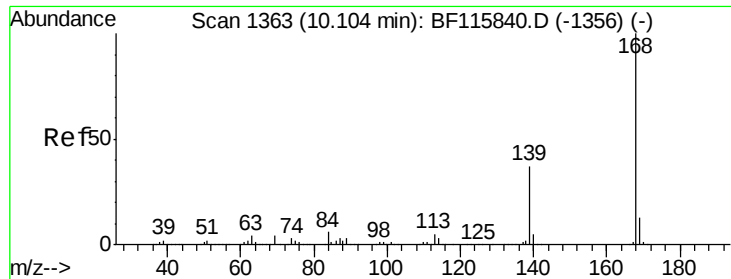
#54
2,4-Dinitrophenol
Concen: 38.348 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Tgt Ion:184 Resp: 72697
Ion Ratio Lower Upper
184 100
63 68.2 56.7 85.1
154 63.8 51.9 77.9



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

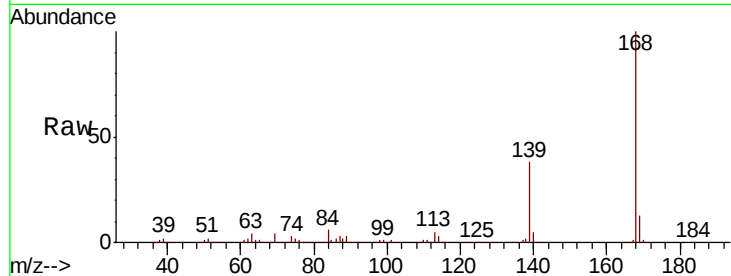




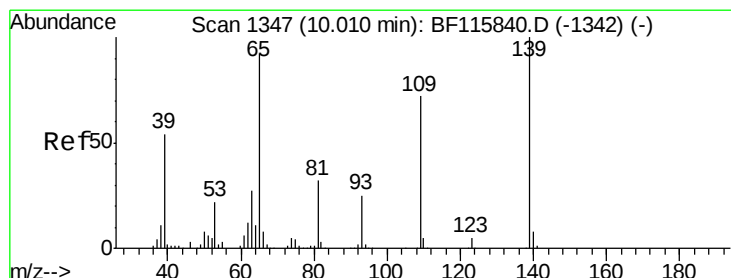
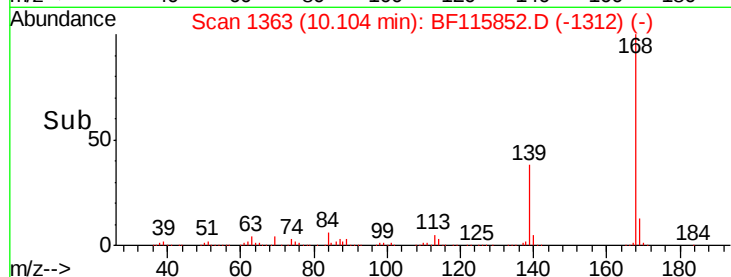
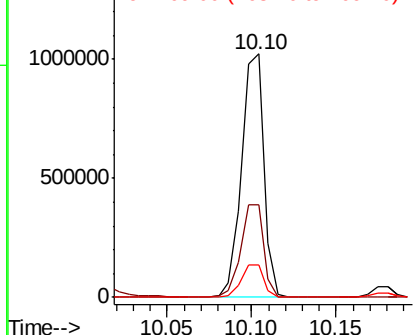
#55
Dibenzofuran
Concen: 40.934 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 944536
Ion Ratio Lower Upper
168 100
139 38.0 30.2 45.2
169 13.5 10.8 16.2

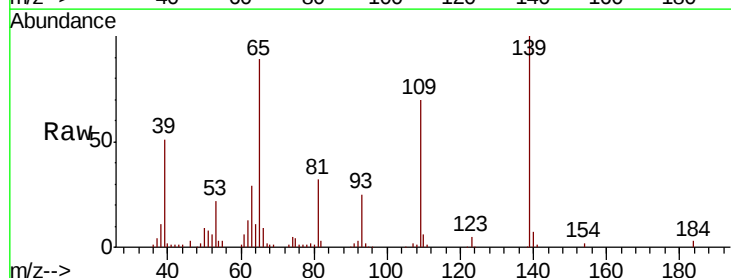


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

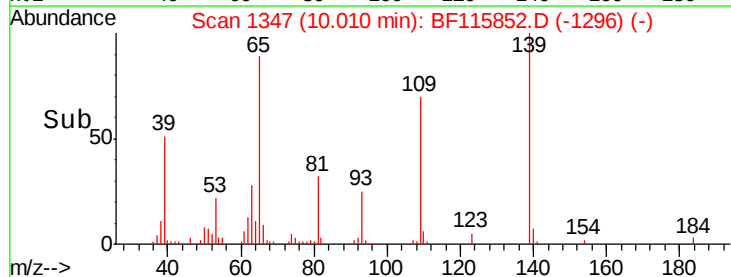
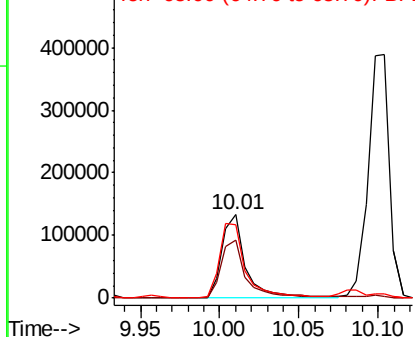


#56
4-Nitrophenol
Concen: 39.844 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Tgt Ion:139 Resp: 140795
Ion Ratio Lower Upper
139 100
109 69.8 52.0 92.0
65 88.8 72.6 112.6



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

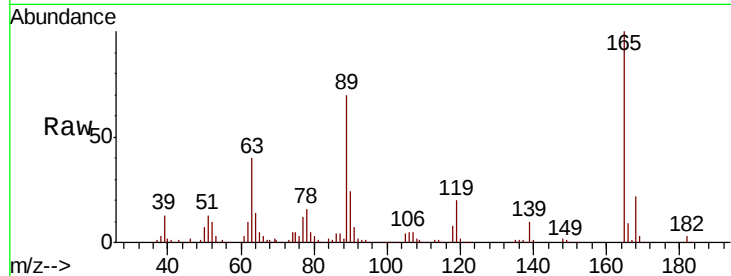




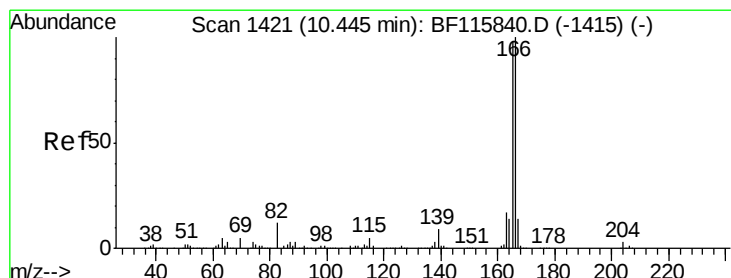
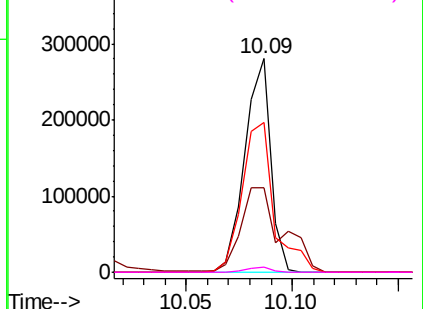
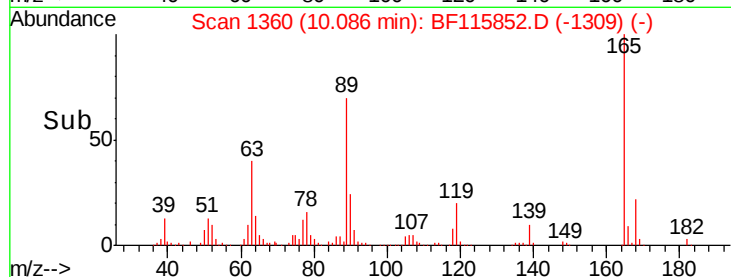
#57
 2,4-Dinitrotoluene
 Concen: 40.022 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF115852.D
 Acq: 30 Jul 2019 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	165	Resp:	237888
Ion	Ratio	Lower	Upper
165	100		
63	39.6	33.2	49.8
89	69.9	57.3	85.9
182	2.5	2.1	3.1

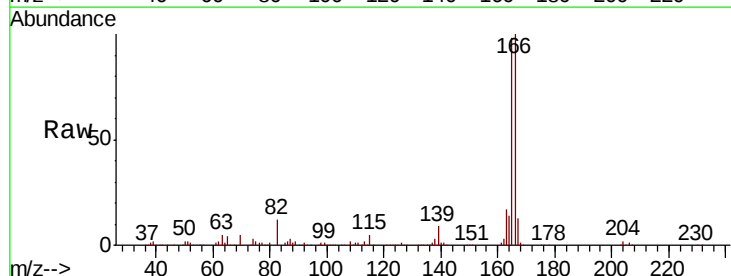


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

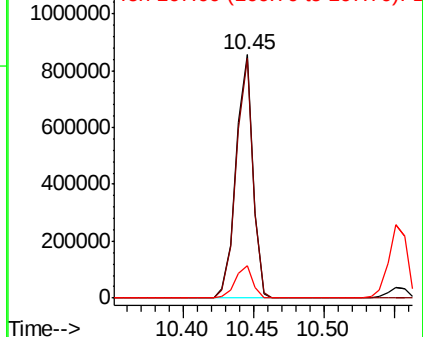
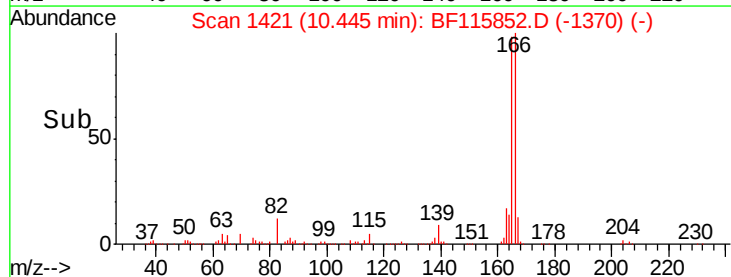


#58
 Fluorene
 Concen: 40.084 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF115852.D
 Acq: 30 Jul 2019 19:55

Tgt Ion:	166	Resp:	711615
Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	118.0
167	13.4	10.9	16.3



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

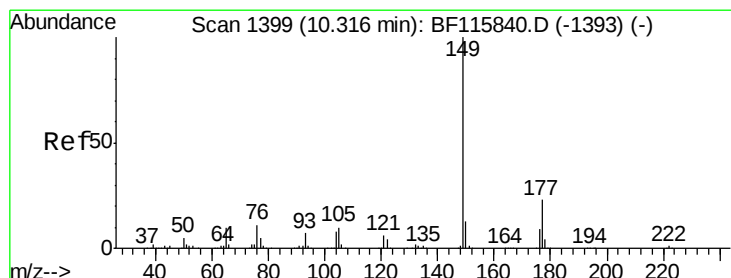
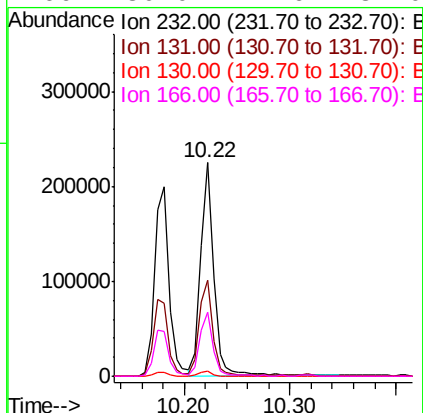
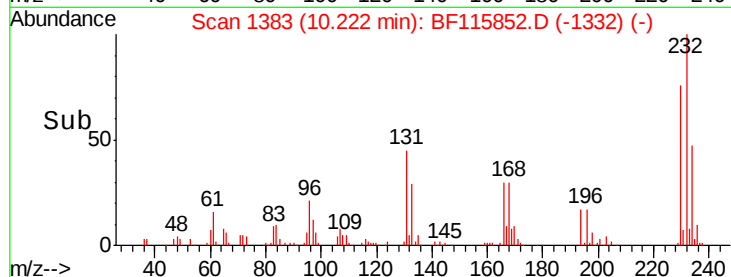
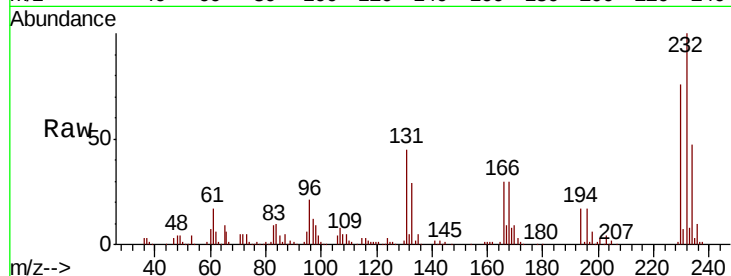




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.010 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

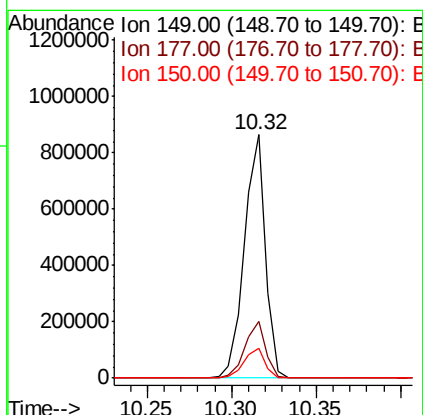
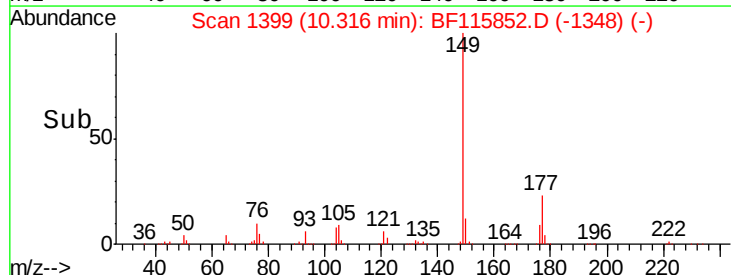
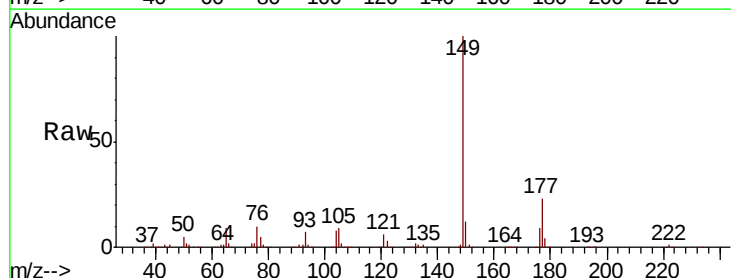
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

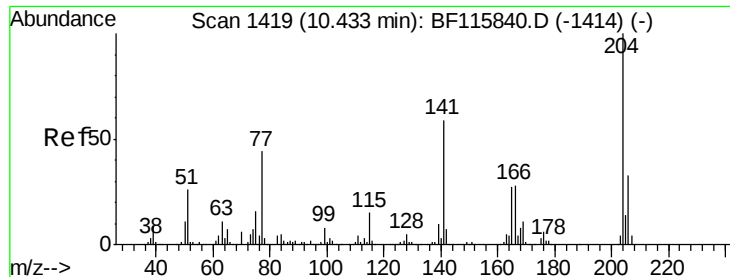
Tot Ion:232 Resp: 193176
Ion Ratio Lower Upper
232 100
131 45.8 37.6 56.4
130 2.4 1.8 2.8
166 30.0 24.6 37.0



#60
Diethylphthalate
Concen: 39.148 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Tgt Ion:149 Resp: 750827
Ion Ratio Lower Upper
149 100
177 23.4 18.4 27.6
150 12.3 10.1 15.1

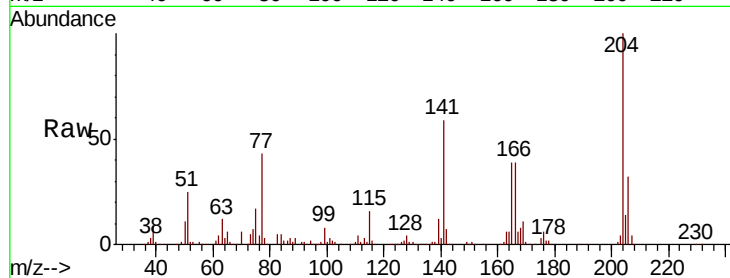




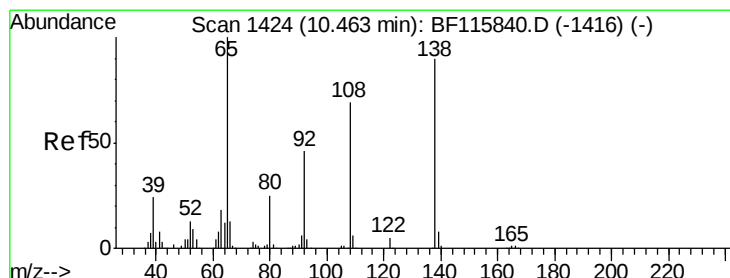
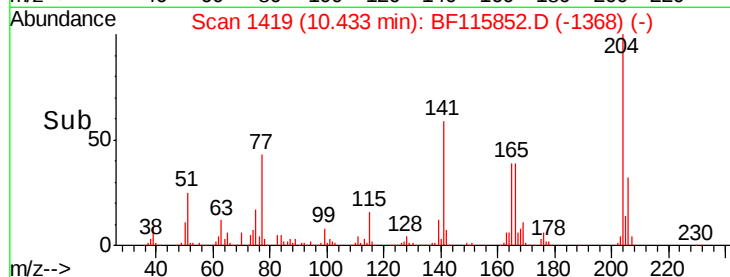
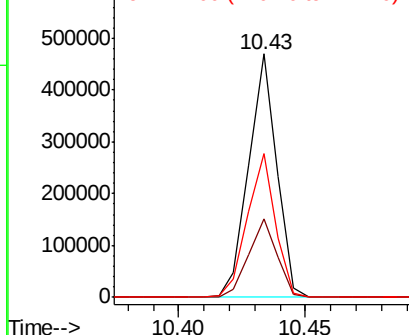
#61
4-Chlorophenyl-phenylether
Concen: 40.397 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 363215
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 58.8 47.0 70.4

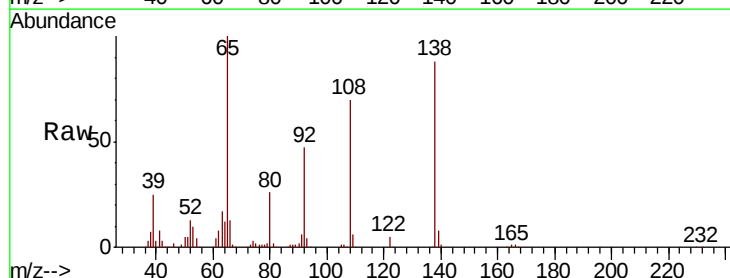


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

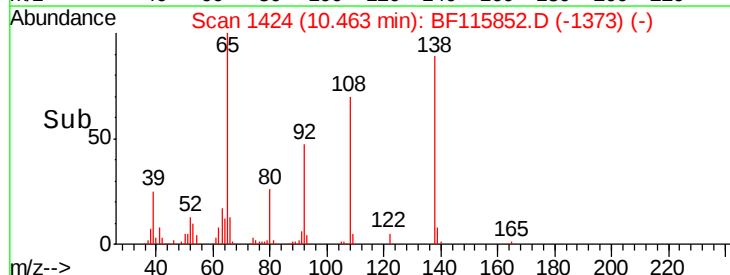
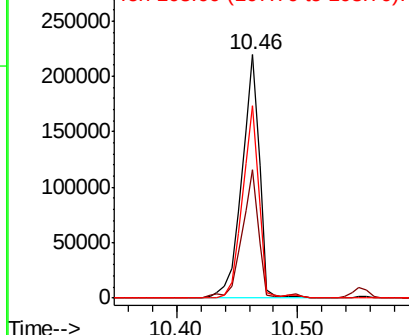


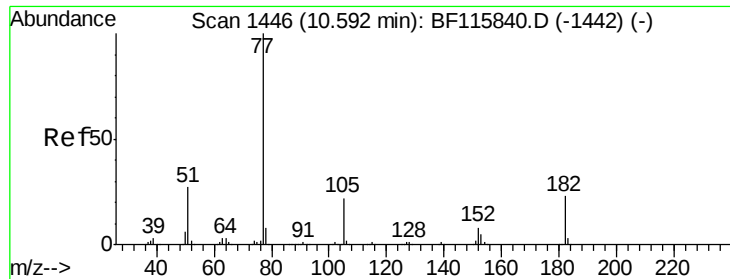
#62
4-Nitroaniline
Concen: 39.027 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Tgt Ion:138 Resp: 222480
Ion Ratio Lower Upper
138 100
92 52.7 31.0 71.0
108 79.1 56.7 96.7



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





#63

Azobenzene

Concen: 39.666 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 782499

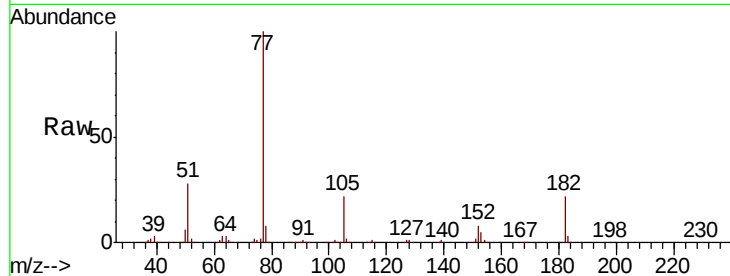
Ion Ratio Lower Upper

77 100

182 22.4 2.6 42.6

105 21.7 1.6 41.6

51 27.7 7.4 47.4

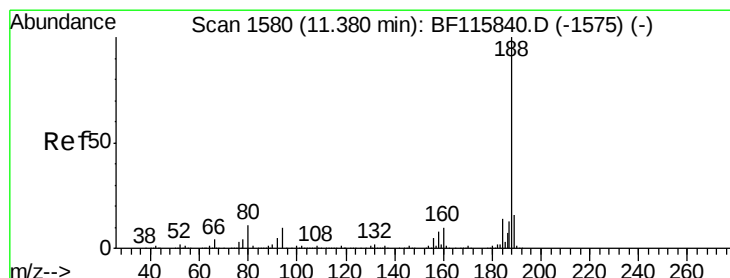
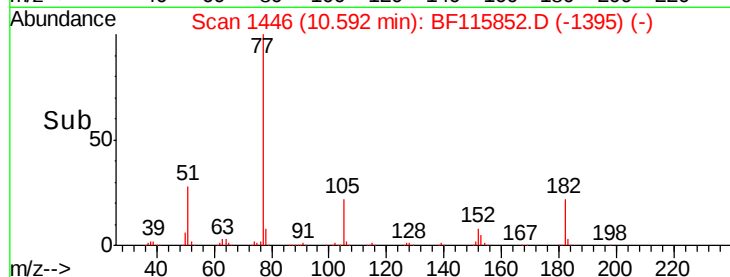
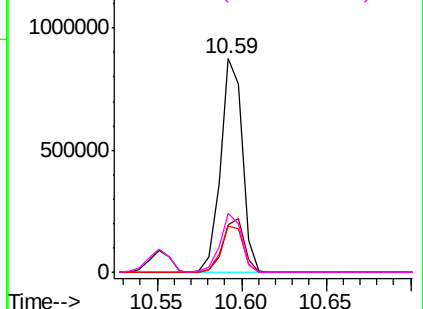


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

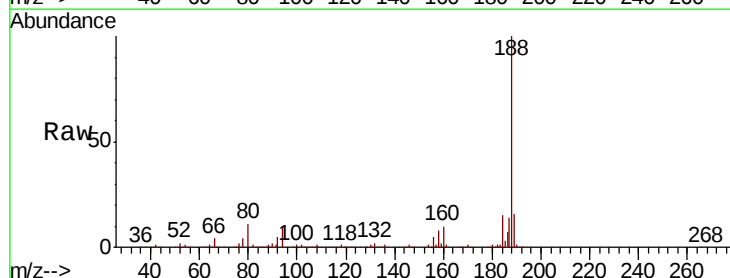
Tgt Ion: 188 Resp: 513487

Ion Ratio Lower Upper

188 100

94 9.8 8.0 12.0

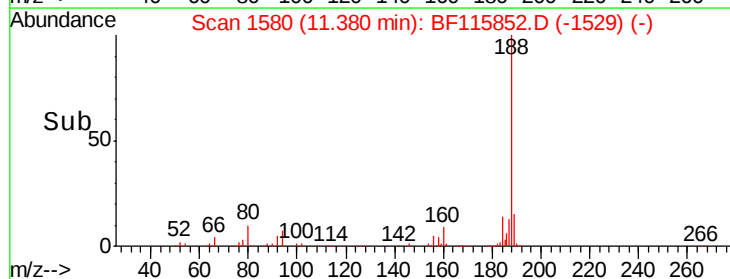
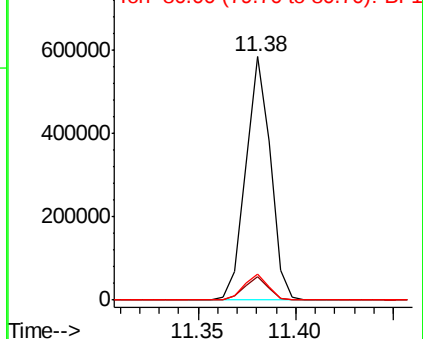
80 10.5 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

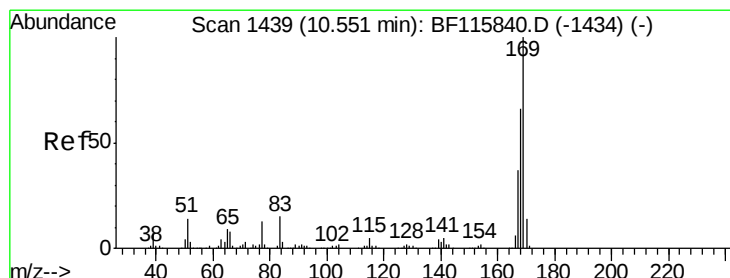
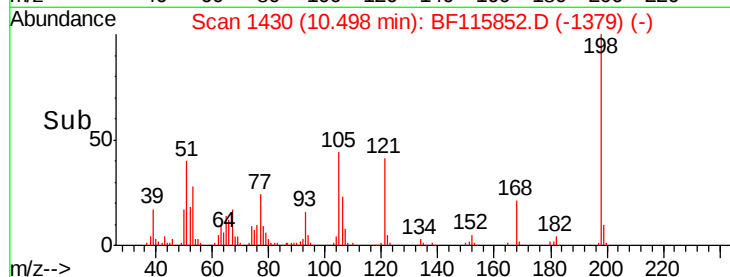
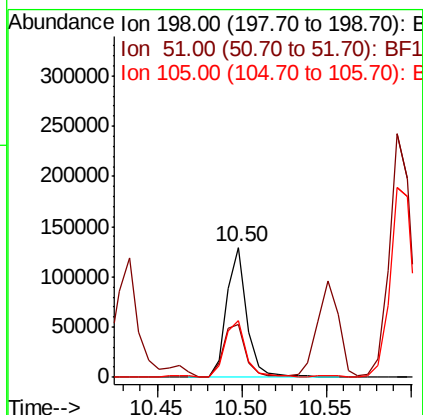
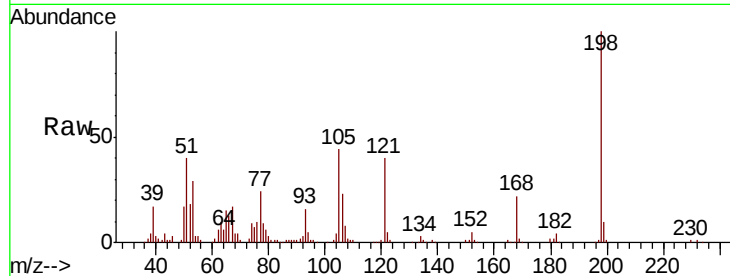




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.704 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF115852.D
 Acq: 30 Jul 2019 19:55

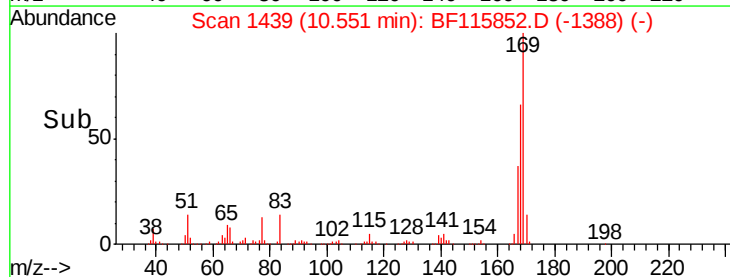
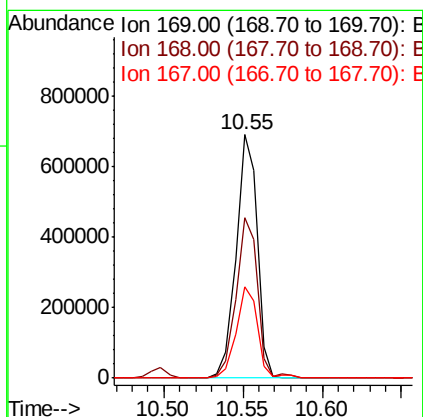
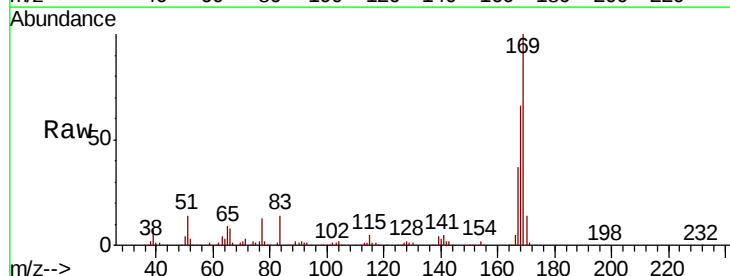
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

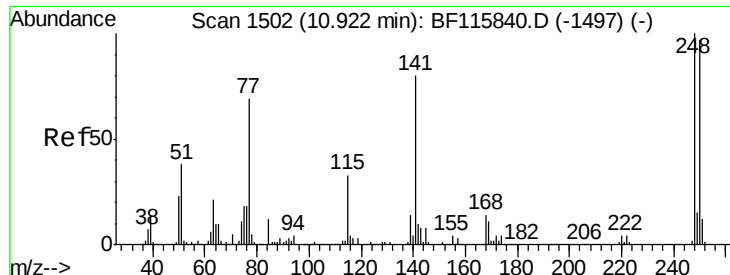
Tot Ion:198 Resp: 108040
 Ion Ratio Lower Upper
 198 100
 51 40.2 21.1 61.1
 105 43.7 24.5 64.5



#66
 n-Nitrosodiphenylamine
 Concen: 41.135 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF115852.D
 Acq: 30 Jul 2019 19:55

Tgt Ion:169 Resp: 635757
 Ion Ratio Lower Upper
 169 100
 168 65.9 53.0 79.6
 167 37.2 29.9 44.9

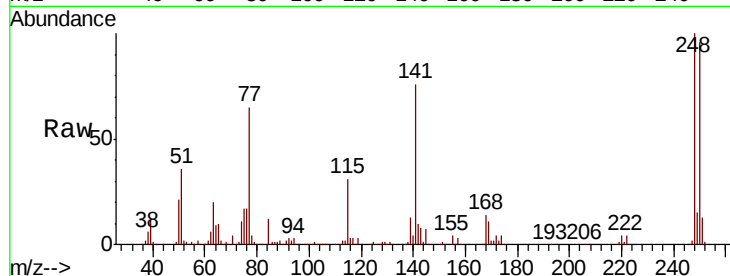




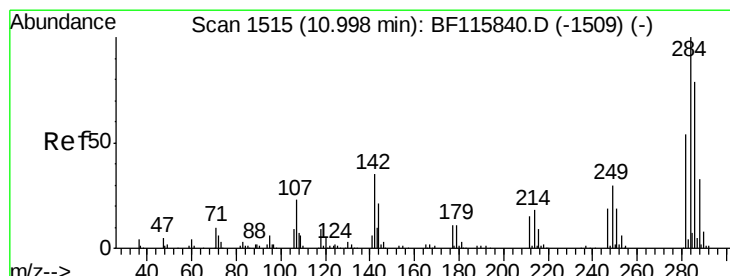
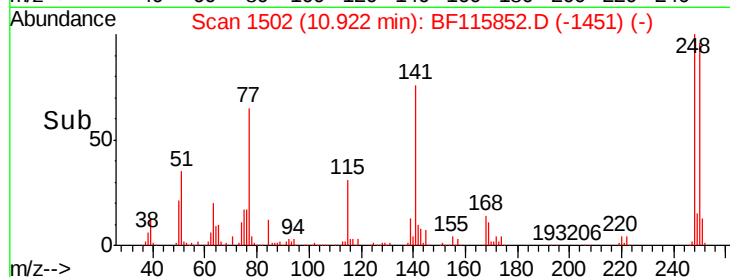
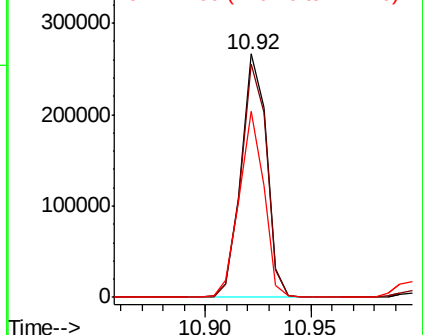
#67
4-Bromophenyl-phenylether
Concen: 40.583 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 223081
Ion Ratio Lower Upper
248 100
250 95.9 77.8 116.6
141 76.2 64.3 96.5

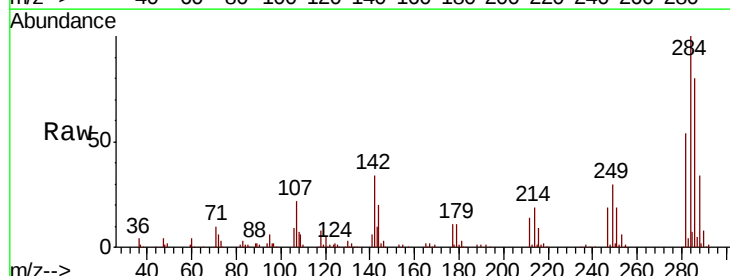


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

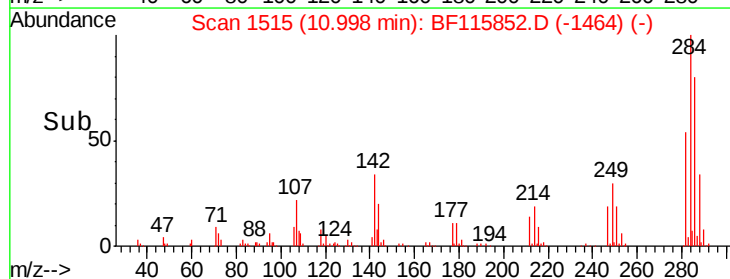
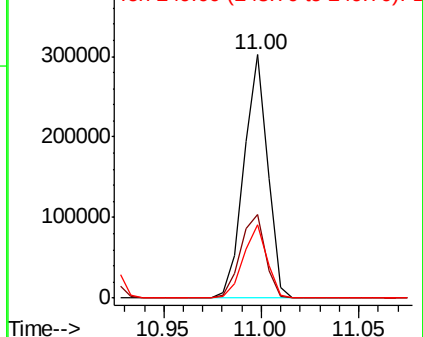


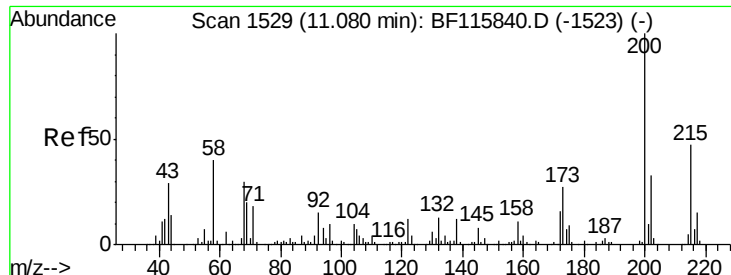
#68
Hexachlorobenzene
Concen: 39.984 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Tgt Ion:284 Resp: 254146
Ion Ratio Lower Upper
284 100
142 34.5 28.2 42.2
249 30.2 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.429 ng

RT: 11.08 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

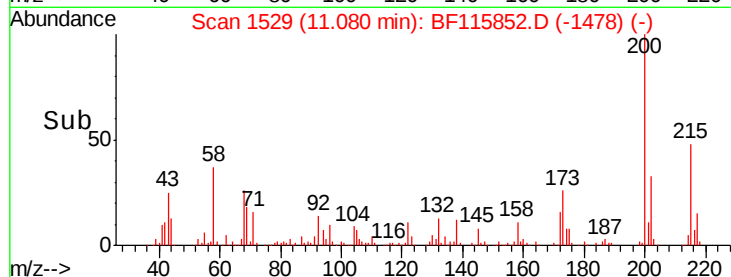
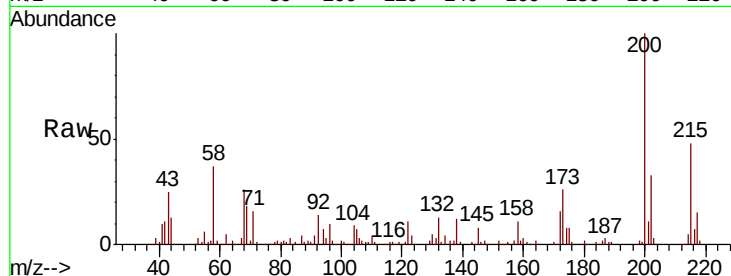
Tot Ion:200 Resp: 200479

Ion Ratio Lower Upper

200 100

173 26.2 7.3 47.3

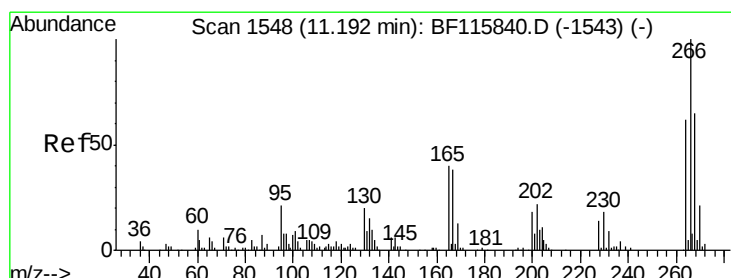
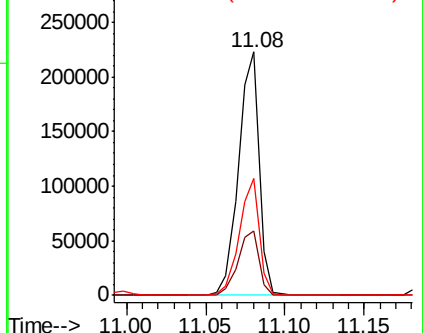
215 47.8 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 39.769 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

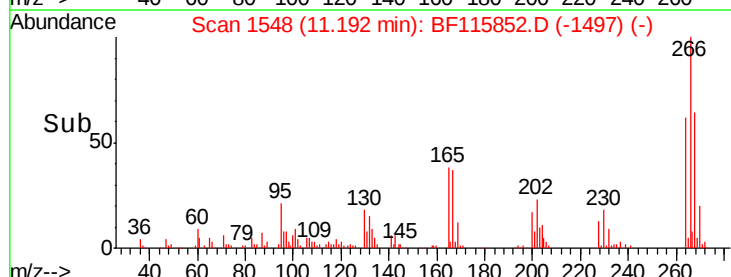
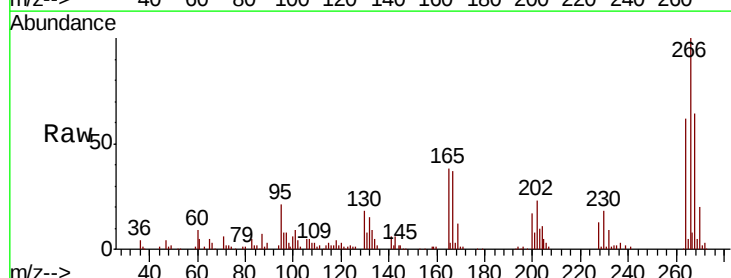
Tgt Ion:266 Resp: 122725

Ion Ratio Lower Upper

266 100

268 64.3 51.6 77.4

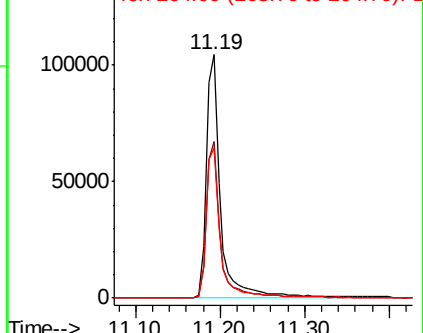
264 61.8 49.4 74.0

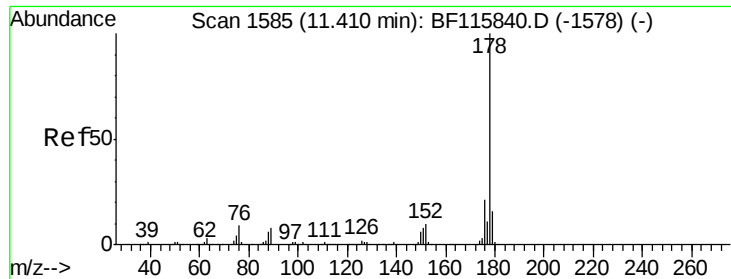


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.764 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

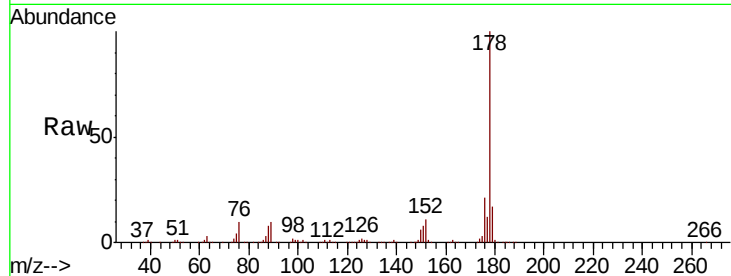
Tot Ion:178 Resp: 1070069

Ion Ratio Lower Upper

178 100

176 20.7 16.5 24.7

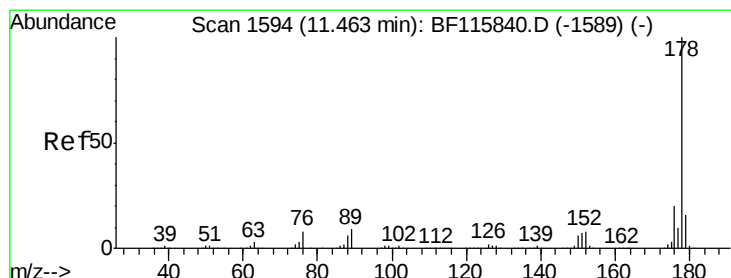
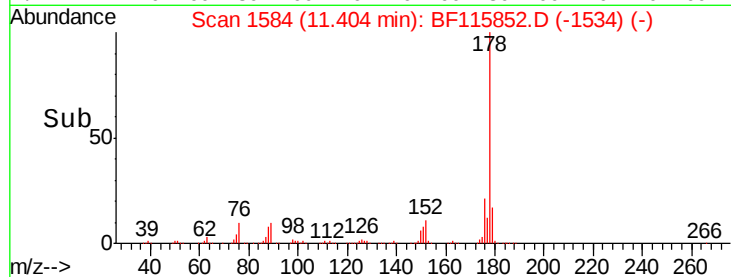
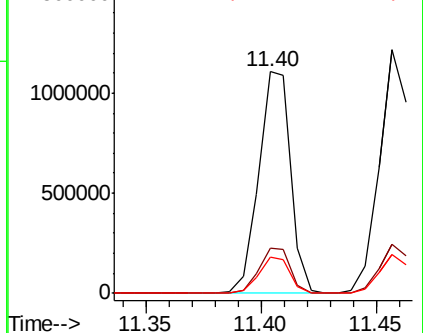
179 16.5 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.072 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

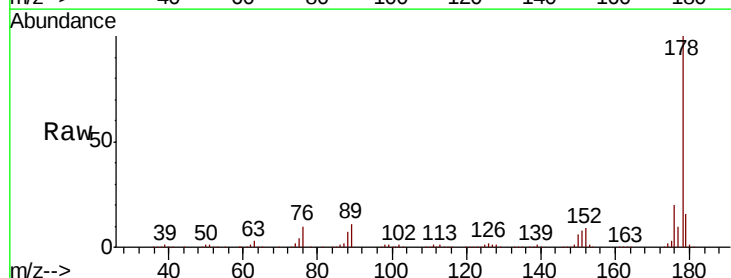
Tgt Ion:178 Resp: 1091147

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

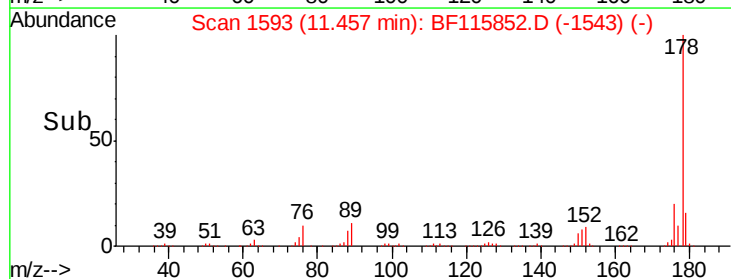
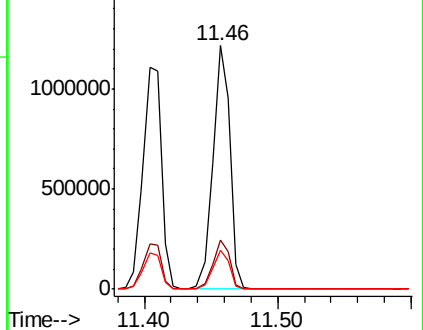
179 15.9 12.4 18.6

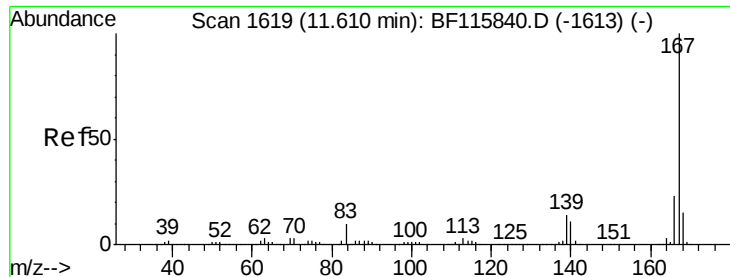


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.734 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

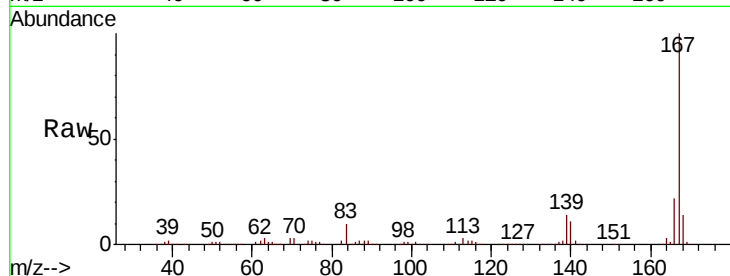
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1005887

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.0	27.0
139	13.7	11.4	17.2

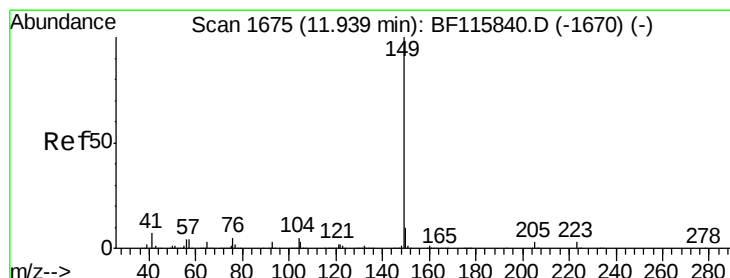
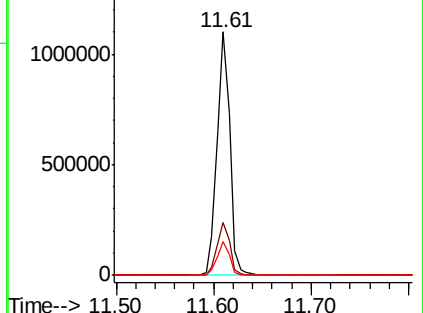
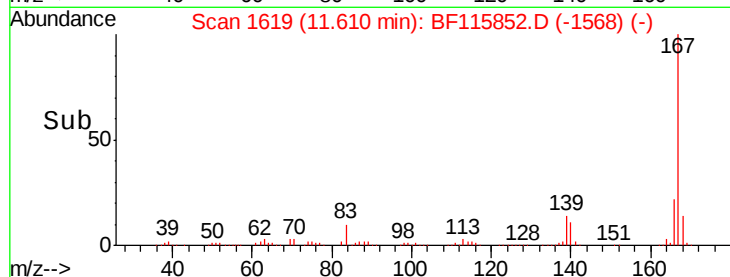


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.409 ng

RT: 11.94 min Scan# 1675

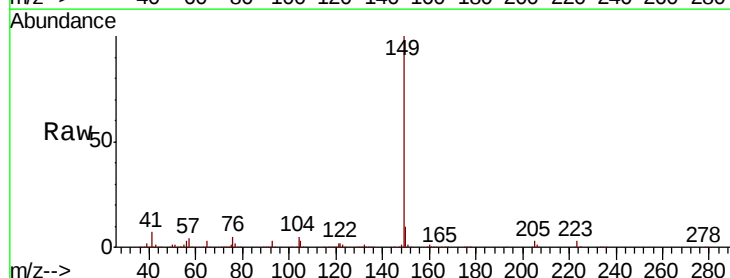
Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Tgt Ion:149 Resp: 1108045

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.4	4.3	6.5

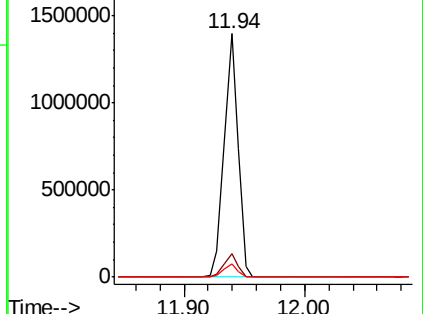
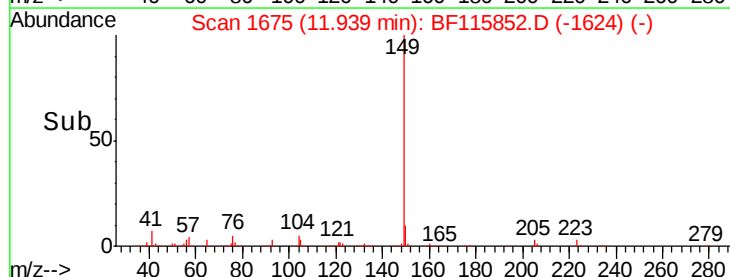


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.075 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

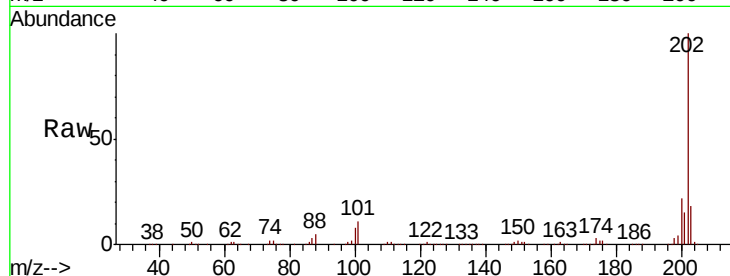
Tot Ion:202 Resp: 1128814

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.5

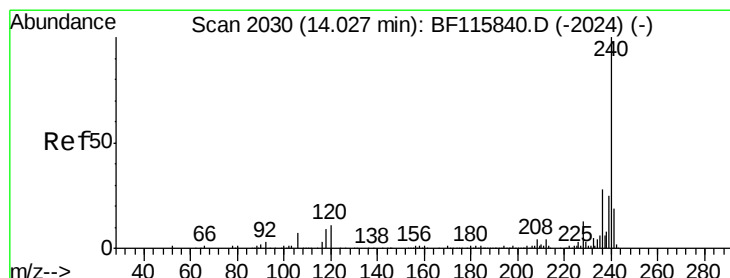
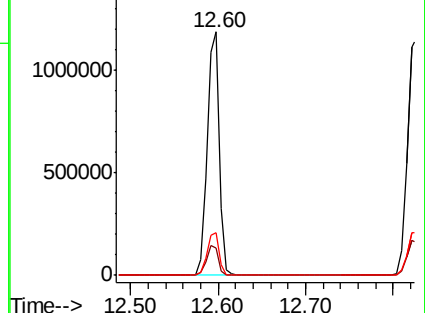
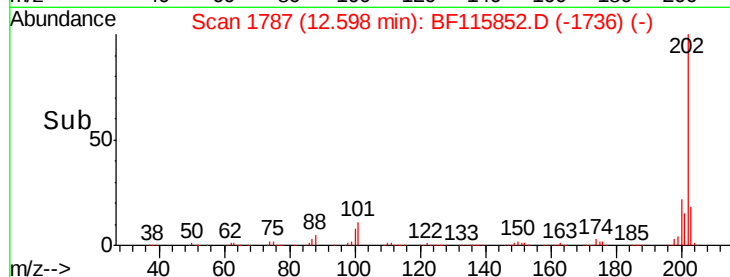
203 17.7 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

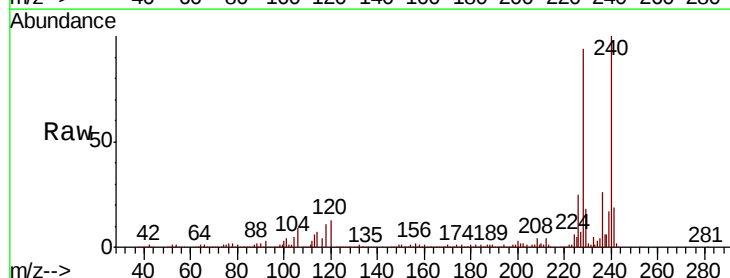
Tgt Ion:240 Resp: 384249

Ion Ratio Lower Upper

240 100

120 13.2 8.5 12.7#

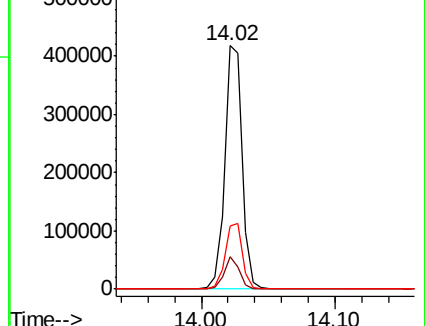
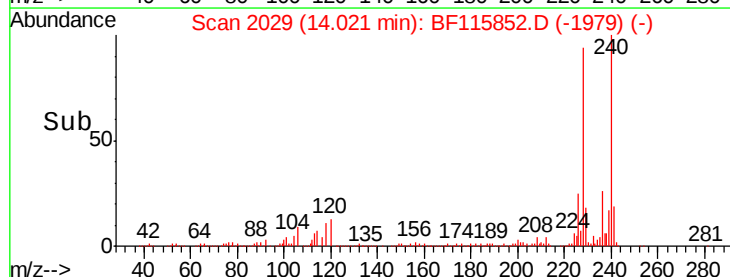
236 26.1 22.2 33.2

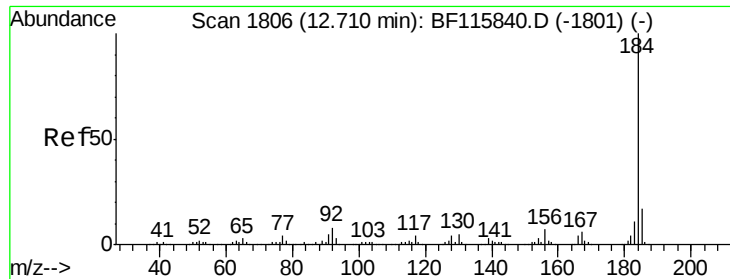


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.996 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

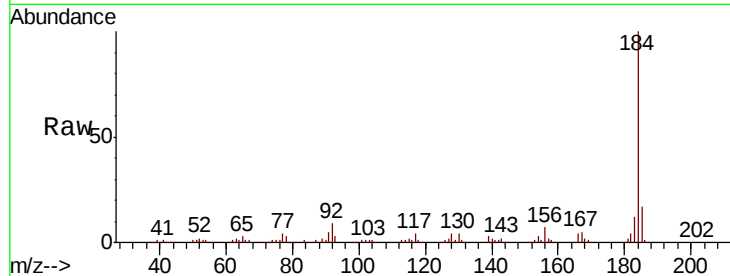
Tot Ion:184 Resp: 558156

Ion Ratio Lower Upper

184 100

185 17.5 13.4 20.2

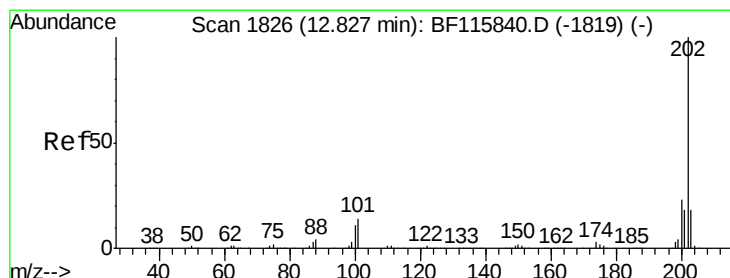
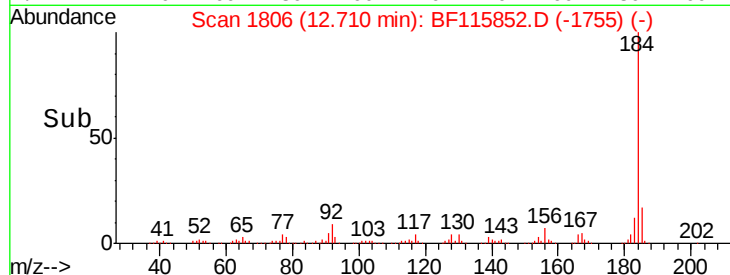
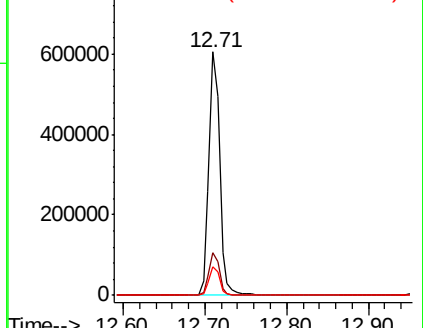
183 11.9 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.677 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

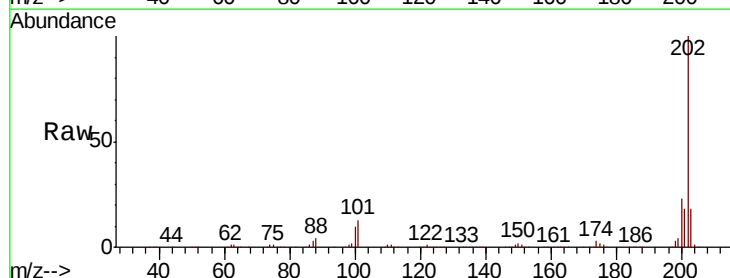
Tgt Ion:202 Resp: 1149248

Ion Ratio Lower Upper

202 100

200 22.9 18.2 27.2

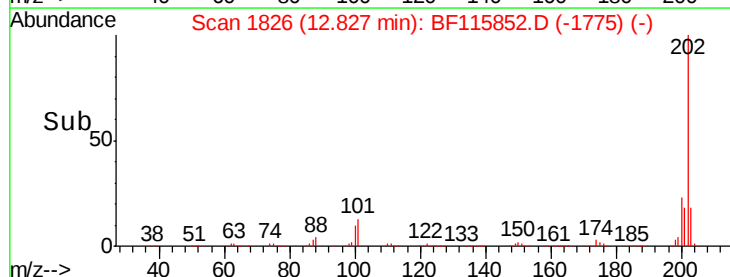
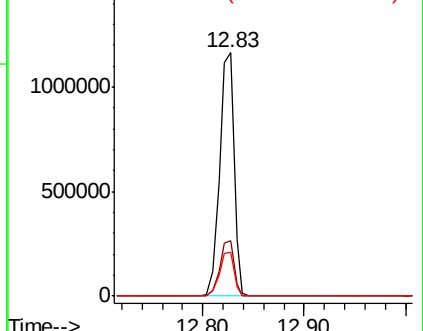
203 17.8 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



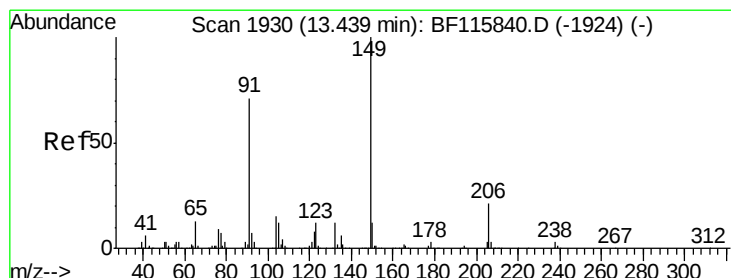
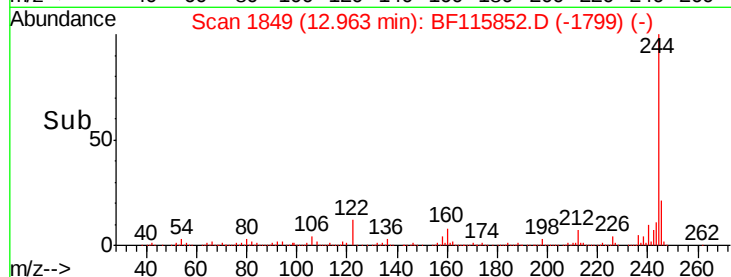
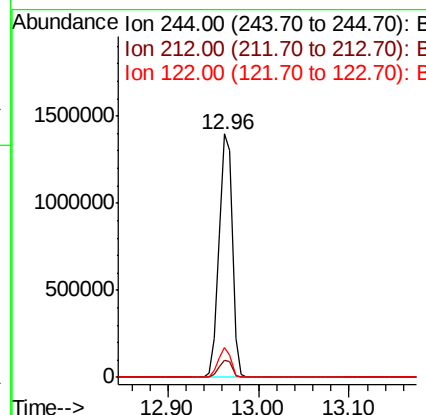
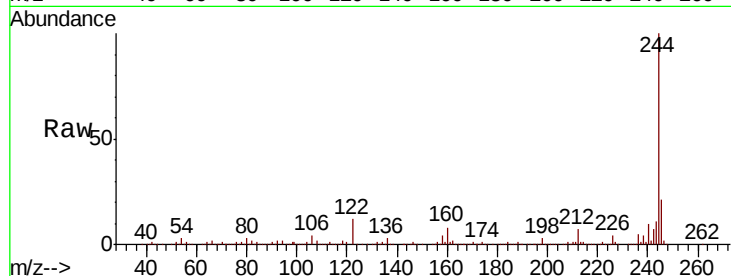


#79
 Terphenyl-d14
 Concen: 77.767 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF115852.D
 Acq: 30 Jul 2019 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 1418100

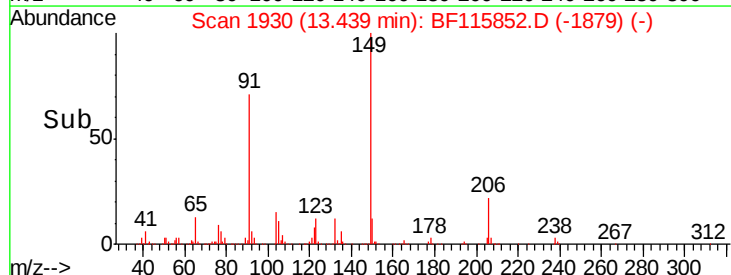
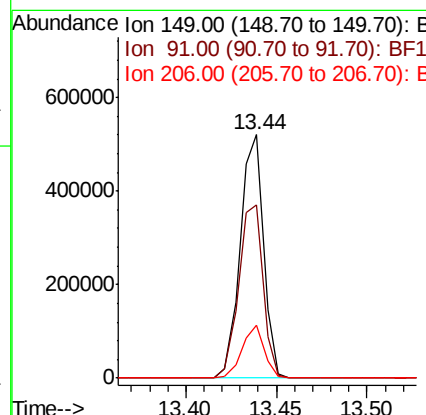
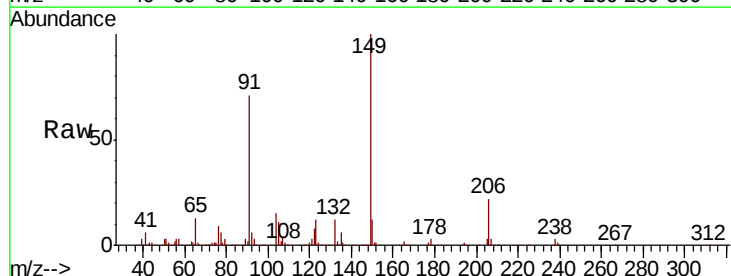
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	12.3	8.6	13.0

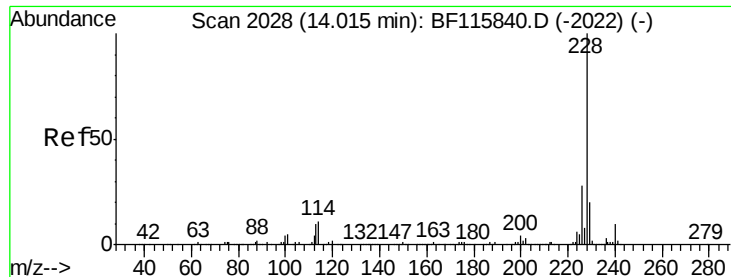


#80
 Butylbenzylphthalate
 Concen: 38.033 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF115852.D
 Acq: 30 Jul 2019 19:55

Tgt Ion:149 Resp: 465997

Ion	Ratio	Lower	Upper
149	100		
91	71.1	57.0	85.6
206	21.6	16.9	25.3





#81

Benzo(a)anthracene

Concen: 40.480 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

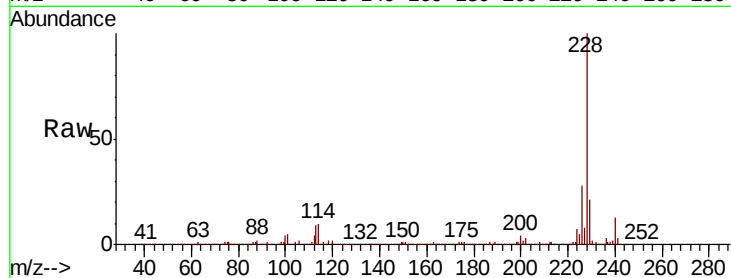
Tot Ion:228 Resp: 994175

Ion Ratio Lower Upper

228 100

226 28.0 22.5 33.7

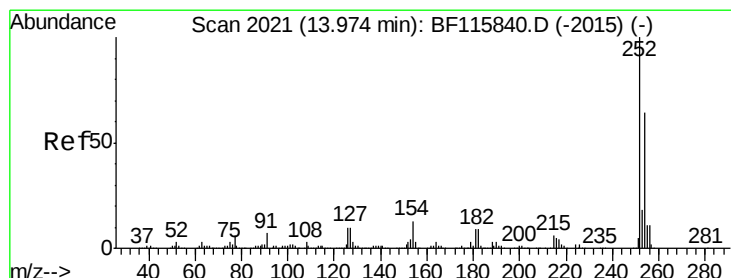
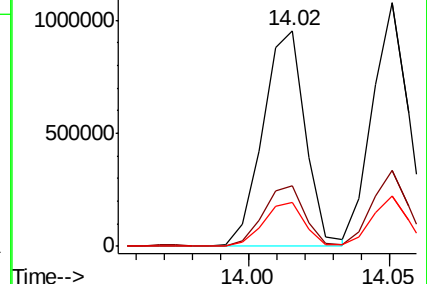
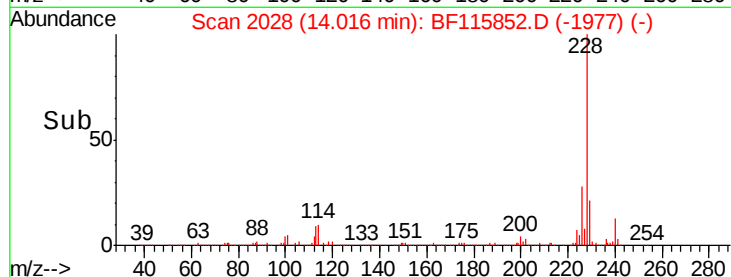
229 20.5 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.141 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

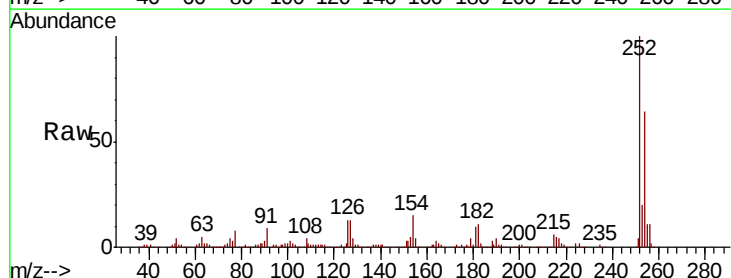
Tgt Ion:252 Resp: 342508

Ion Ratio Lower Upper

252 100

254 64.2 51.2 76.8

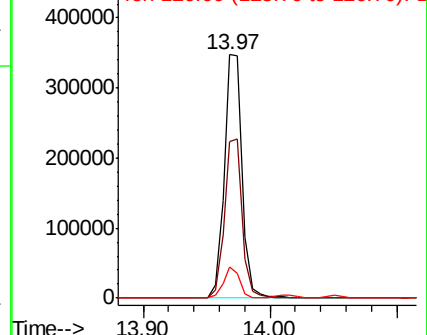
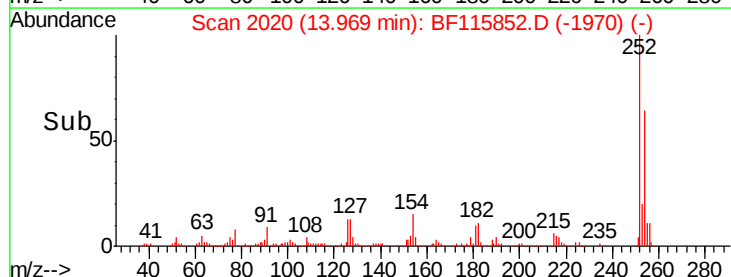
126 12.7 8.1 12.1#

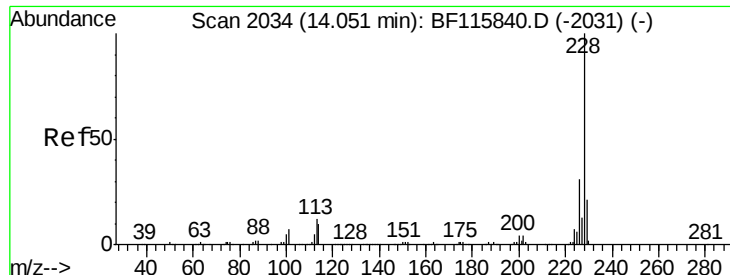


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 39.570 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

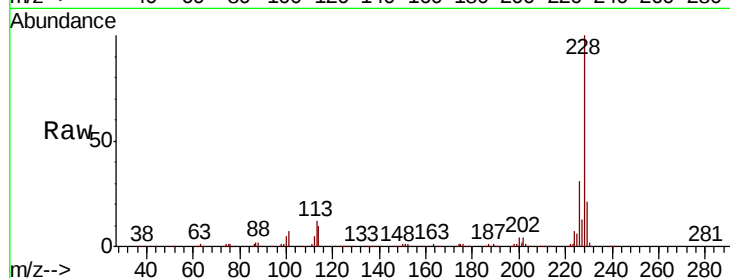
Tot Ion:228 Resp: 943488

Ion Ratio Lower Upper

228 100

226 30.9 24.8 37.2

229 20.5 16.4 24.6

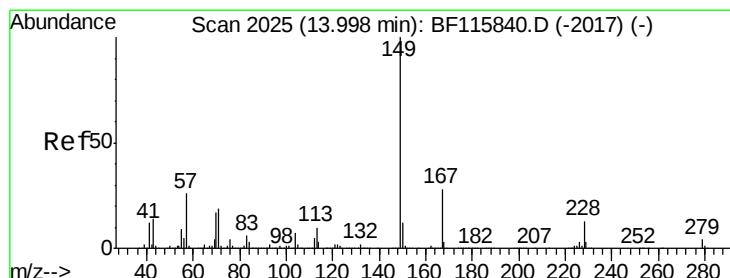
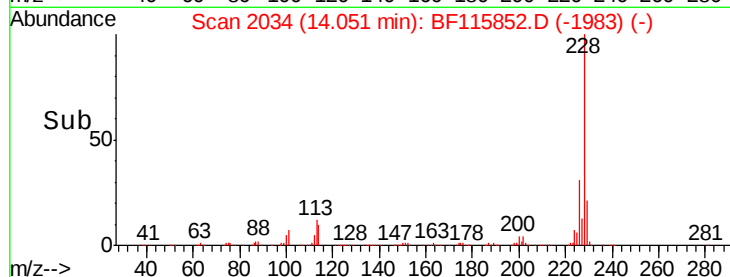
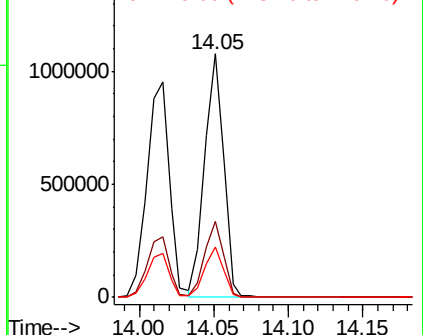


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.782 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

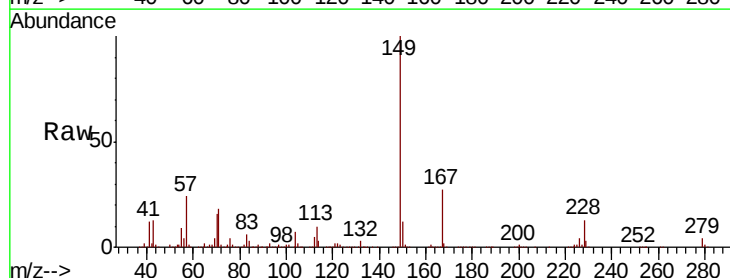
Tgt Ion:149 Resp: 601570

Ion Ratio Lower Upper

149 100

167 27.4 22.4 33.6

279 4.0 3.3 4.9

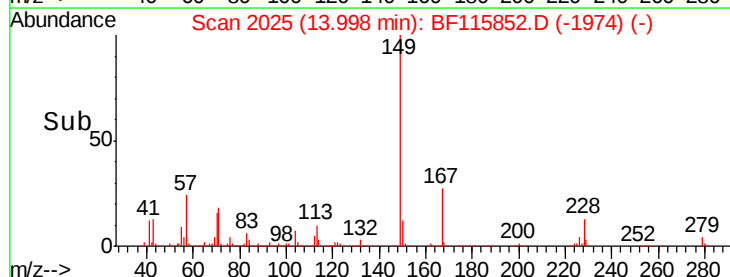
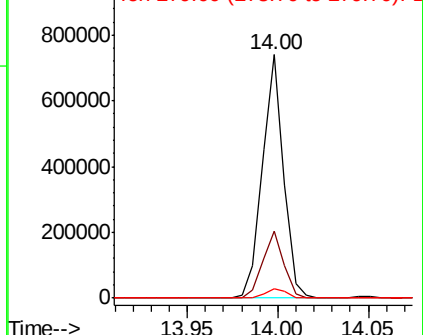


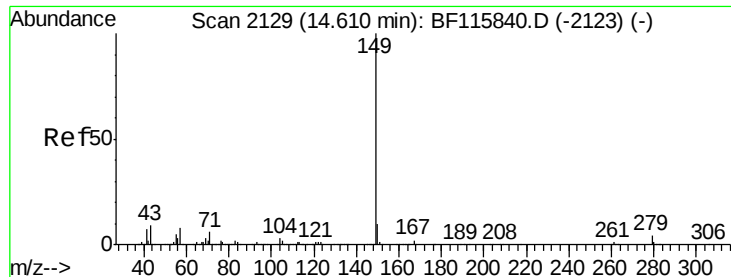
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

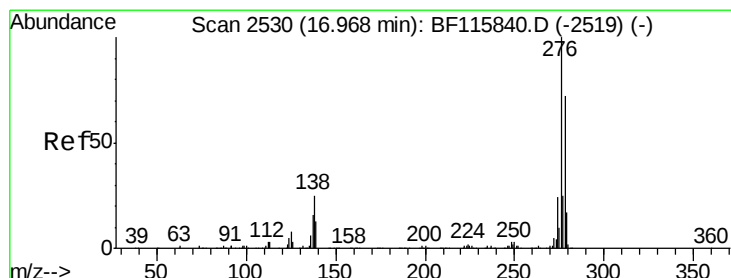
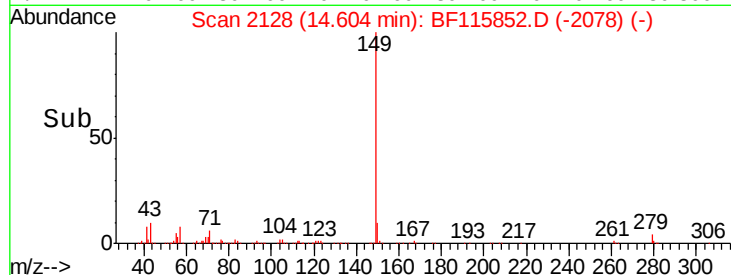
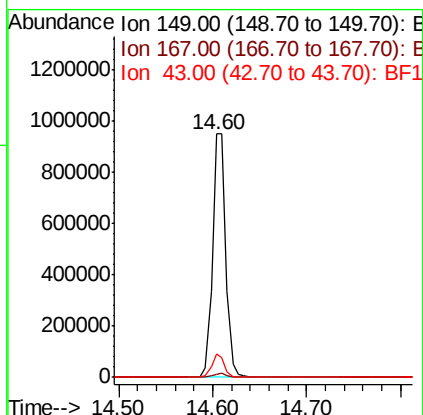
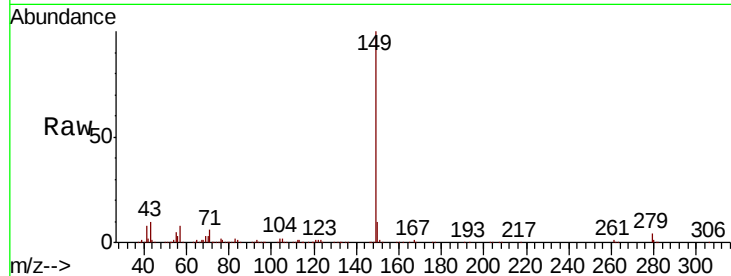




#85
Di-n-octyl phthalate
Concen: 37.551 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

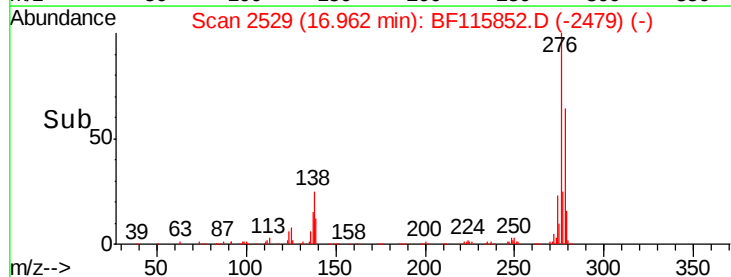
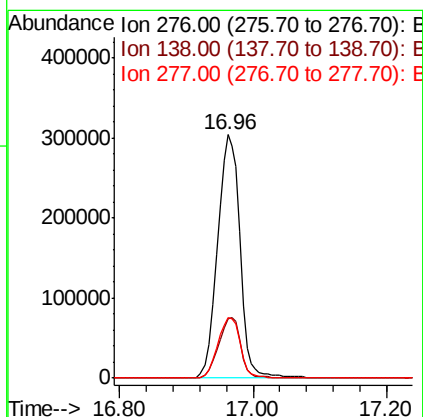
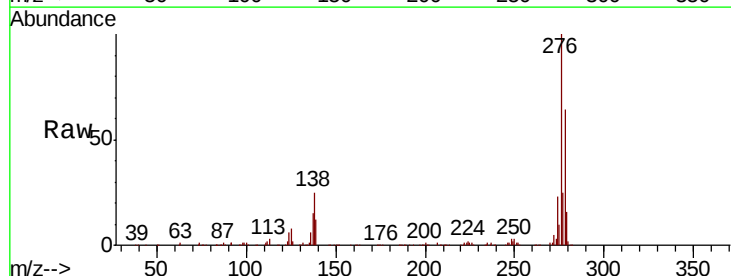
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

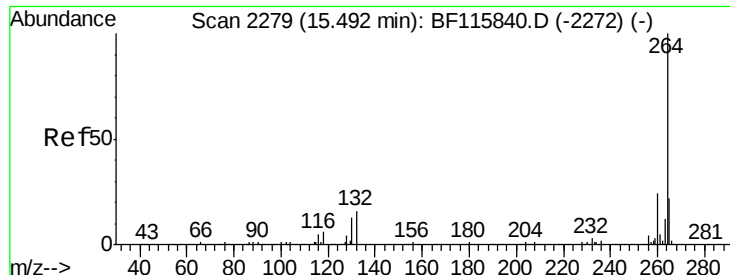
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.2	7.4	11.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.066 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.6	29.4
277	25.1	20.1	30.1

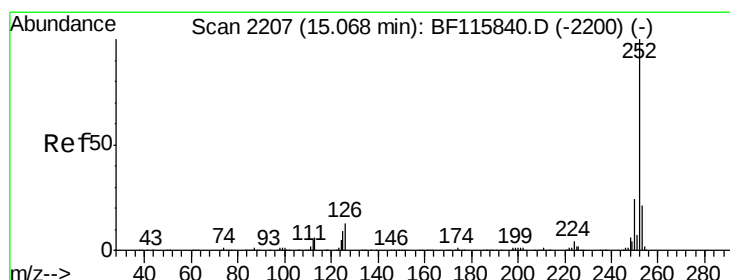
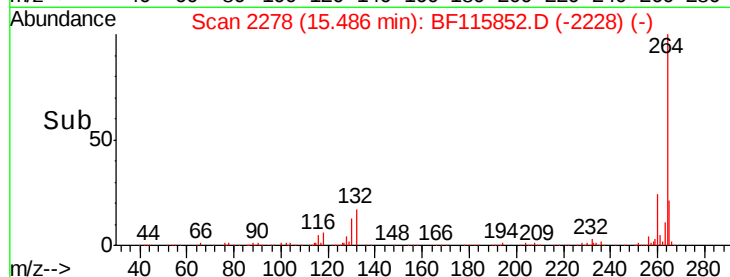
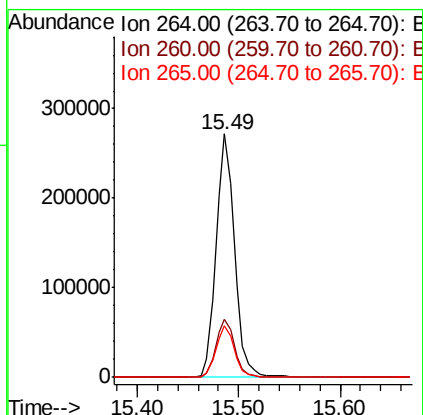
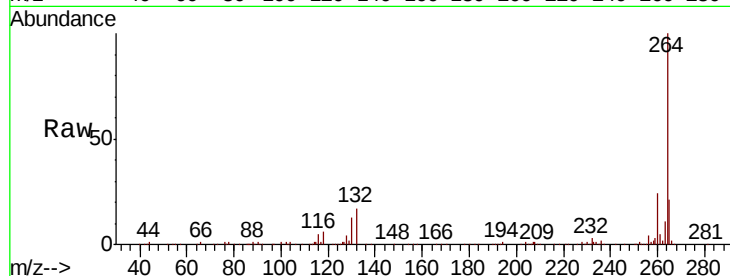




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

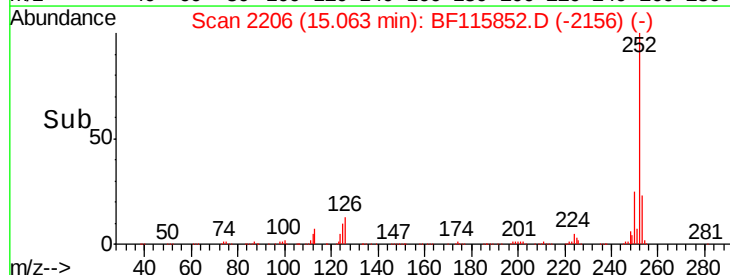
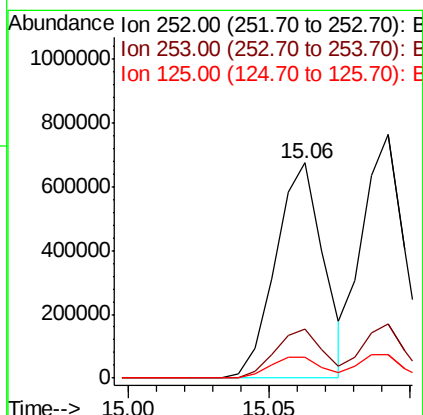
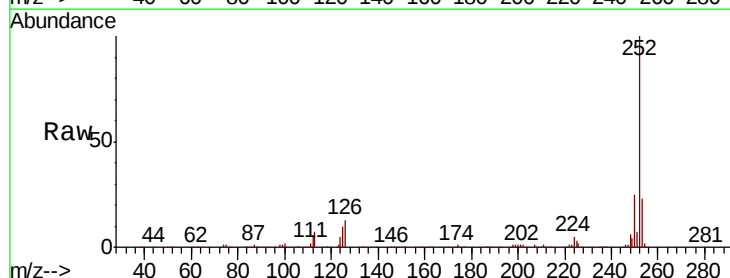
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 344311
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.2 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 39.955 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Tgt Ion:252 Resp: 795436
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 9.8 7.4 11.0

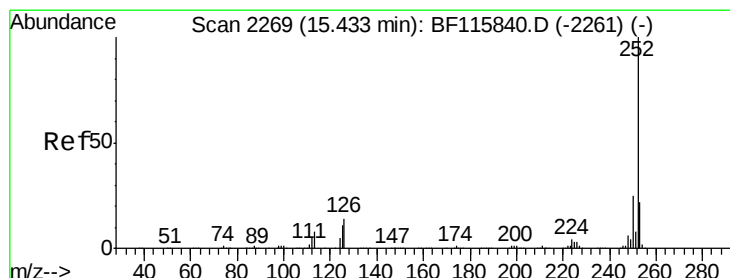
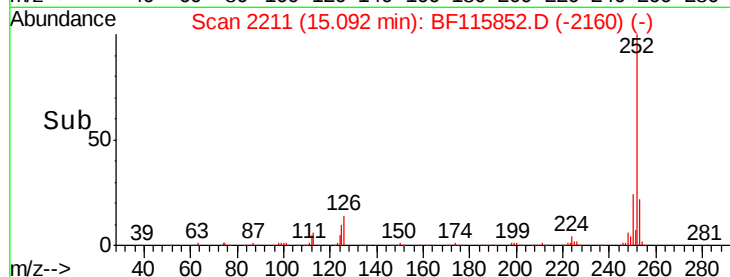
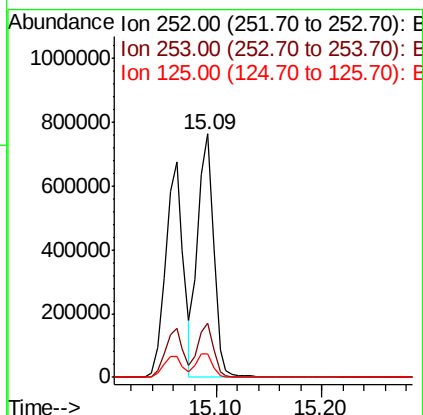
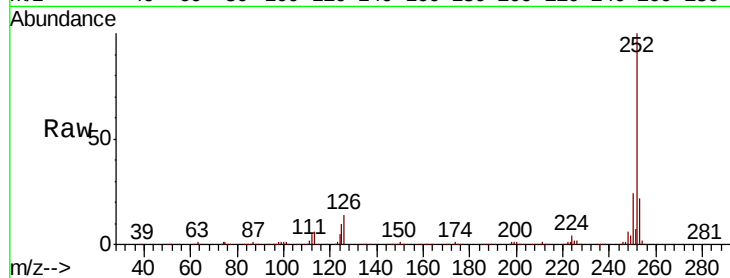




#89
Benzo(k)fluoranthene
Concen: 40.991 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

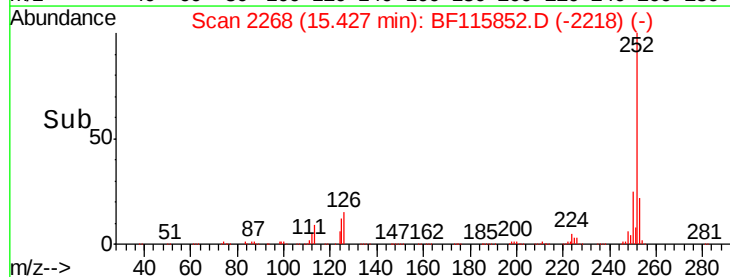
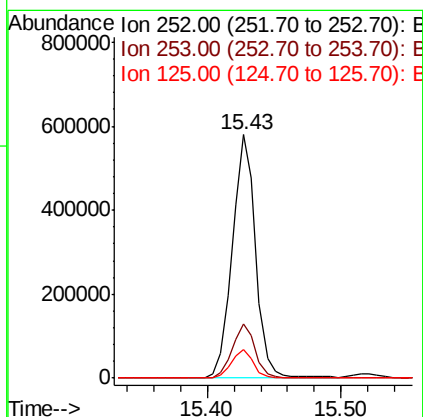
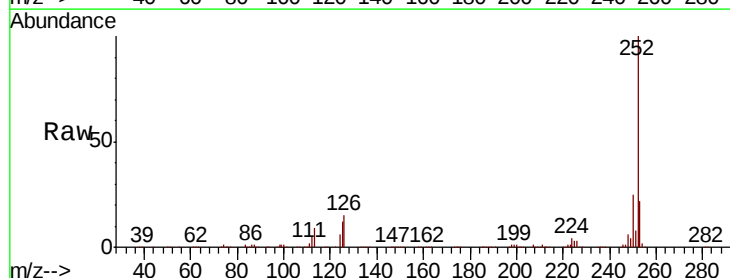
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	9.8	8.9	13.3



#90
Benzo(a)pyrene
Concen: 39.801 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF115852.D
Acq: 30 Jul 2019 19:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.8	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 38.345 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

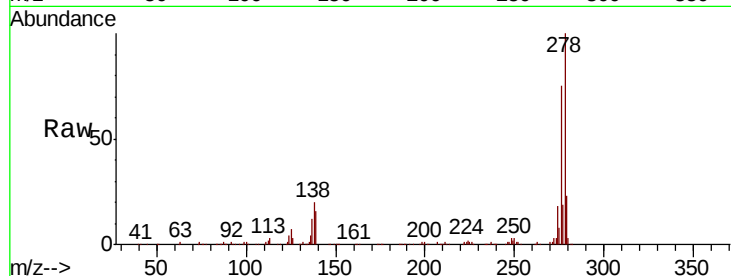
Tot Ion:278 Resp: 590700

Ion Ratio Lower Upper

278 100

139 16.1 12.6 19.0

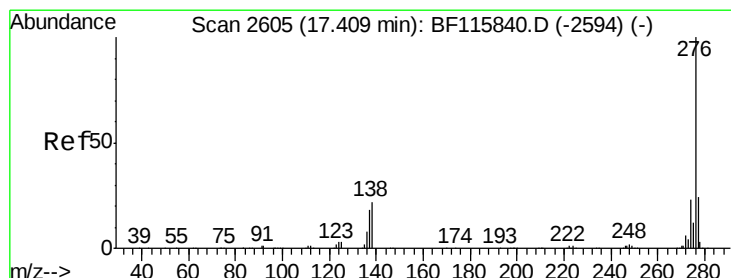
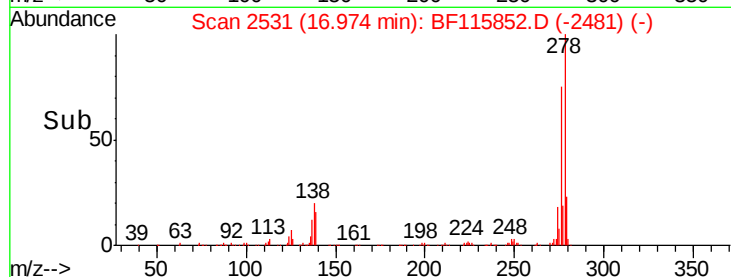
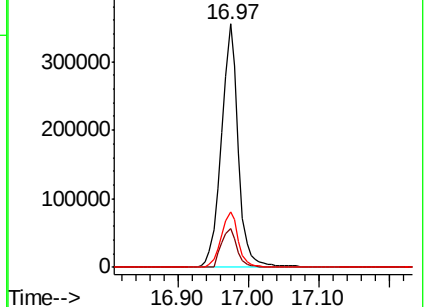
279 23.0 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.818 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BF115852.D

Acq: 30 Jul 2019 19:55

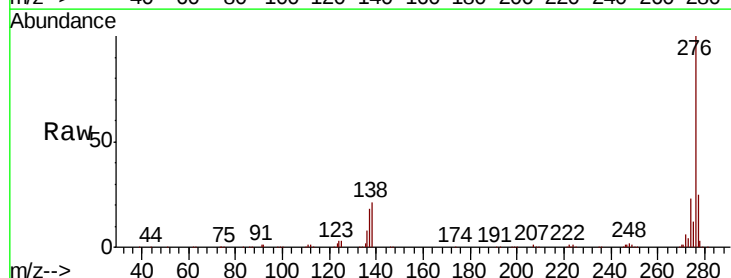
Tgt Ion:276 Resp: 572151

Ion Ratio Lower Upper

276 100

277 24.7 19.5 29.3

138 20.9 17.8 26.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

