

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115854.D
 Acq On : 31 Jul 2019 7:59
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 31 18:20:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	156610	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	633253	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	330565	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	571442	20.00	ng	0.00
76) Chrysene-d12	14.03	240	419553	20.00	ng	0.00
87) Perylene-d12	15.49	264	380290	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	763008	81.56	ng	0.00
7) Phenol-d6	6.49	99	965576	81.81	ng	0.00
23) Nitrobenzene-d5	7.42	82	882935	80.48	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	255266	79.65	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1426326	80.82	ng	0.00
79) Terphenyl-d14	12.96	244	1558707	78.28	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.61	88	188352	39.854	ng	100
3) Pyridine	3.36	79	520007	39.388	ng	99
4) n-Nitrosodimethylamine	3.32	42	214163	41.106	ng	98
6) Aniline	6.52	93	694571	41.091	ng	100
8) 2-Chlorophenol	6.64	128	419131	40.516	ng	98
9) Benzaldehyde	6.40	77	326201	40.054	ng	99
10) Phenol	6.50	94	570906	41.074	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	415348	40.645	ng	99
12) 1,3-Dichlorobenzene	6.80	146	481801	40.300	ng	99
13) 1,4-Dichlorobenzene	6.87	146	483315	40.375	ng	100
14) 1,2-Dichlorobenzene	7.03	146	453426	41.137	ng	100
15) Benzyl Alcohol	7.00	79	373543	41.703	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	563008	40.392	ng	100
17) 2-Methylphenol	7.10	107	357426	40.804	ng	99
18) Hexachloroethane	7.37	117	178163	40.424	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	288988	39.511	ng	98
20) 3+4-Methylphenols	7.26	107	427642	41.255	ng	99
22) Acetophenone	7.26	105	559110	40.258	ng	98
24) Nitrobenzene	7.43	77	484963	40.940	ng	98
25) Isophorone	7.67	82	824305	39.295	ng	100
26) 2-Nitrophenol	7.75	139	224233	40.158	ng	99
27) 2,4-Dimethylphenol	7.79	122	341239	40.620	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	515376	39.638	ng	99
29) 2,4-Dichlorophenol	7.99	162	360339	40.624	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	411108	40.659	ng	99
31) Naphthalene	8.16	128	1206966	40.503	ng	100
32) Benzoic acid	7.93	122	215532	36.390	ng	98
33) 4-Chloroaniline	8.20	127	539719	40.536	ng	99
34) Hexachlorobutadiene	8.28	225	232311	39.889	ng	99
35) Caprolactam	8.59	113	114786	40.012	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	368504	39.935	ng	98
37) 2-Methylnaphthalene	8.85	142	780063	39.747	ng	99
38) 1-Methylnaphthalene	8.95	142	740027	39.858	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	359344	40.662	ng	99

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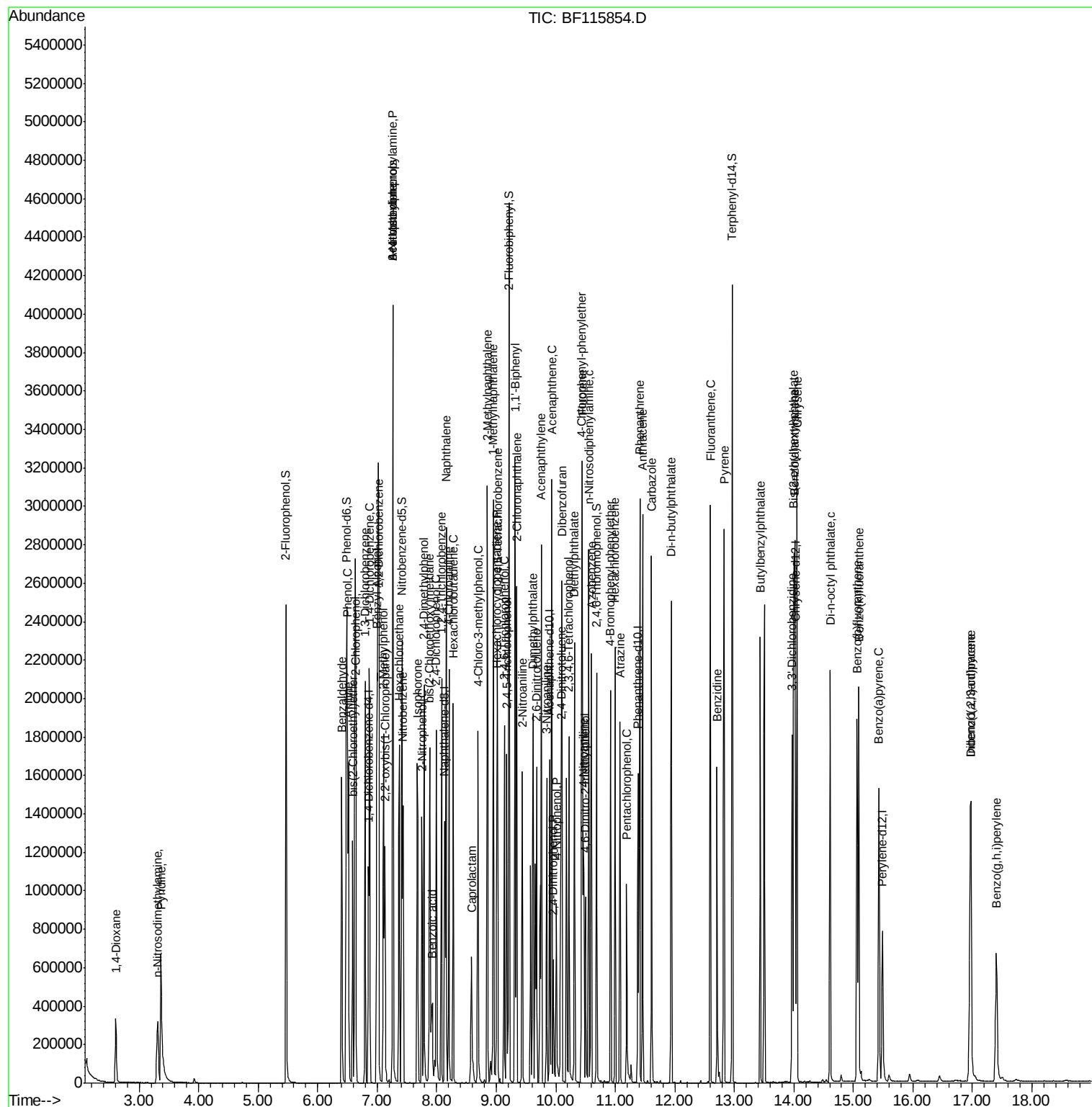
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	143771	39.478	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	244330	40.167	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	253357	40.293	ng	99
46) 1,1'-Biphenyl	9.32	154	944650	40.477	ng	100
47) 2-Chloronaphthalene	9.35	162	793738	40.864	ng	100
48) 2-Nitroaniline	9.44	65	260176	40.524	ng	98
49) Acenaphthylene	9.76	152	1153745	40.714	ng	100
50) Dimethylphthalate	9.62	163	883085	39.235	ng	99
51) 2,6-Dinitrotoluene	9.68	165	194526	39.770	ng	96
52) Acenaphthene	9.93	154	697964	40.148	ng	99
53) 3-Nitroaniline	9.85	138	242211	40.076	ng	96
54) 2,4-Dinitrophenol	9.96	184	78917	36.436	ng	100
55) Dibenzofuran	10.10	168	1031774	40.811	ng	99
56) 4-Nitrophenol	10.01	139	156680	40.468	ng	99
57) 2,4-Dinitrotoluene	10.09	165	261829	40.205	ng	99
58) Fluorene	10.45	166	778717	40.034	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	216297	40.887	ng	97
60) Diethylphthalate	10.32	149	825456	39.282	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	397333	40.334	ng	99
62) 4-Nitroaniline	10.46	138	252367	40.405	ng	99
63) Azobenzene	10.60	77	854858	39.551	ng	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	119756	39.546	ng	99
66) n-Nitrosodiphenylamine	10.55	169	696870	40.516	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	244559	39.978	ng	99
68) Hexachlorobenzene	11.00	284	284504	40.220	ng	99
69) Atrazine	11.08	200	220711	39.006	ng	99
70) Pentachlorophenol	11.19	266	136982	39.887	ng	98
71) Phenanthrene	11.41	178	1176334	40.267	ng	100
72) Anthracene	11.46	178	1179677	39.901	ng	99
73) Carbazole	11.61	167	1091729	40.701	ng	99
74) Di-n-butylphthalate	11.94	149	1218567	38.944	ng	99
75) Fluoranthene	12.60	202	1217295	39.802	ng	100
77) Benzidine	12.71	184	603222	42.558	ng	99
78) Pyrene	12.83	202	1250615	39.543	ng	100
80) Butylbenzylphthalate	13.43	149	516451	38.604	ng	95
81) Benzo(a)anthracene	14.02	228	1080219	40.282	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	384857	41.309	ng	# 98
83) Chrysene	14.05	228	1040116	39.951	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	664760	38.238	ng	100
85) Di-n-octyl phthalate	14.61	149	1057047	38.280	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	804922	36.811	ng	100
88) Benzo(b)fluoranthene	15.06	252	873862	39.741	ng	98
89) Benzo(k)fluoranthene	15.09	252	894250	41.754	ng	98
90) Benzo(a)pyrene	15.43	252	788229	40.101	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	656177	38.565	ng	99
92) Benzo(g,h,i)perylene	17.41	276	637860	38.172	ng	98

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

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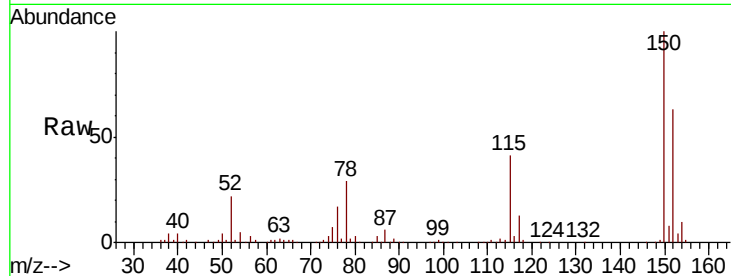


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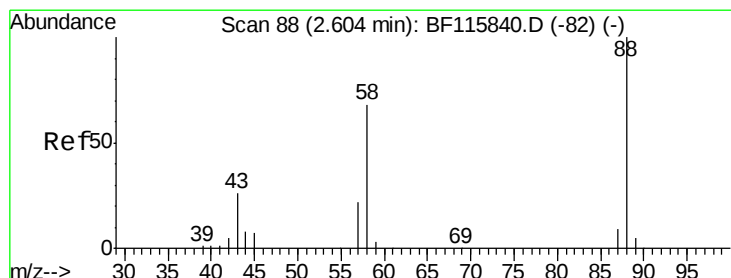
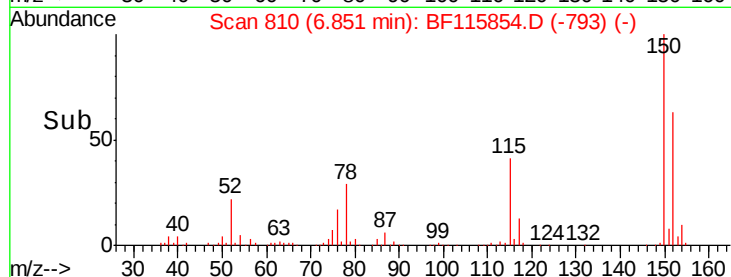
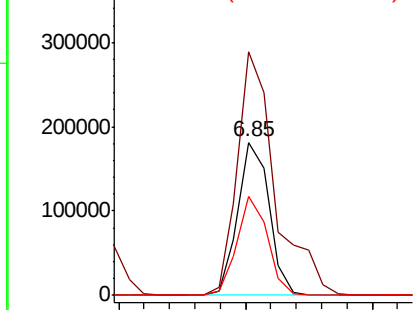
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 156610
Ion Ratio Lower Upper
152 100
150 159.1 127.4 191.0
115 64.7 51.8 77.8



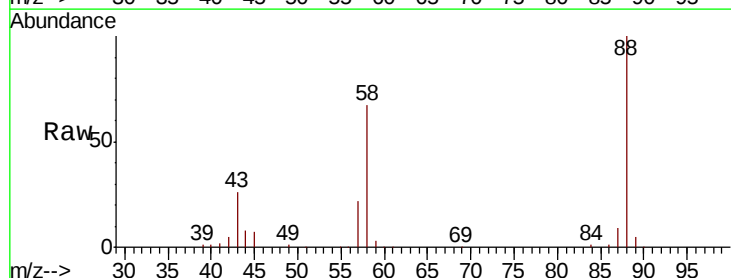
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



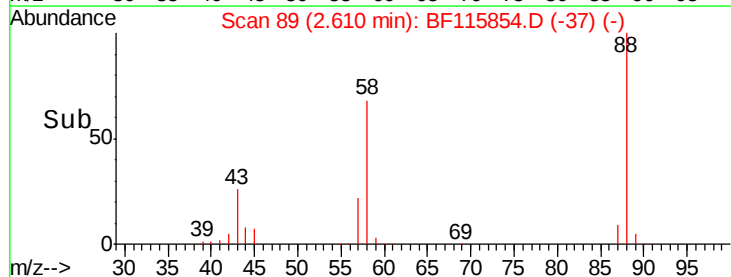
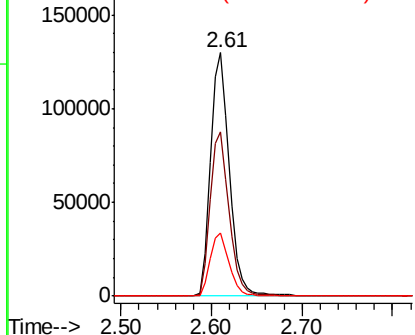
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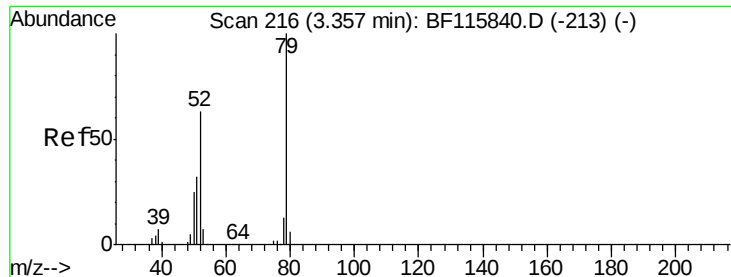
1,4-Dioxane
Concen: 39.854 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.01 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Tgt Ion: 88 Resp: 188352
Ion Ratio Lower Upper
88 100
58 67.7 54.1 81.1
43 26.3 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: 39.388 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

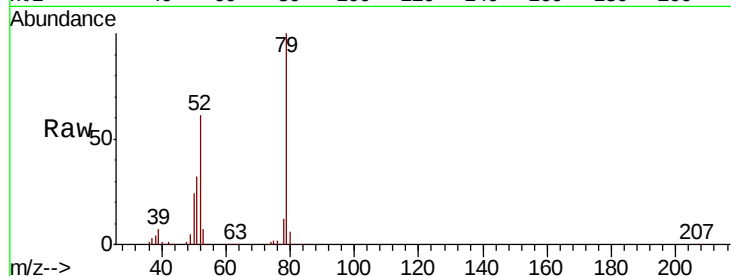
Tot Ion: 79 Resp: 520007

Ion Ratio Lower Upper

79 100

52 61.4 50.2 75.4

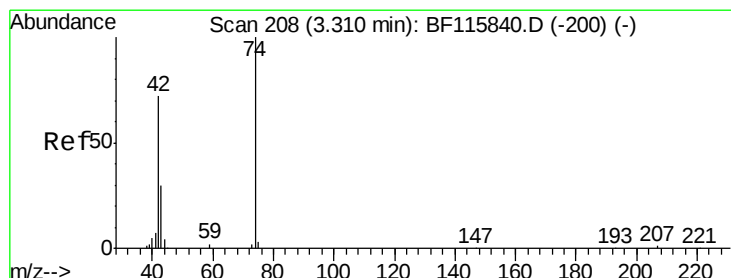
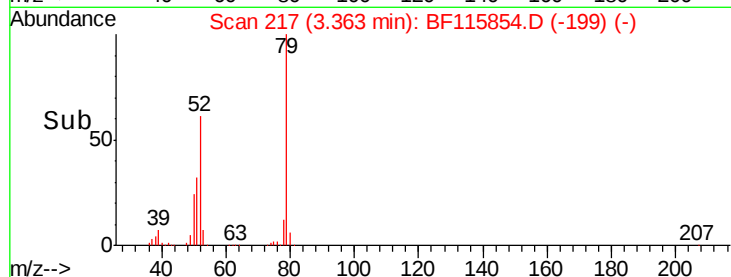
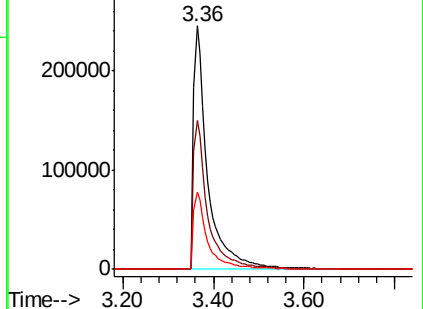
51 31.8 25.8 38.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.106 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.01 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

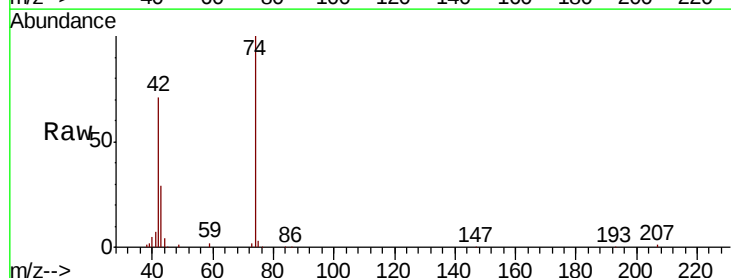
Tgt Ion: 42 Resp: 214163

Ion Ratio Lower Upper

42 100

74 141.6 111.0 166.4

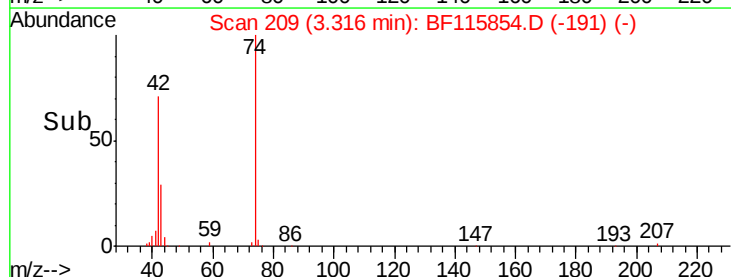
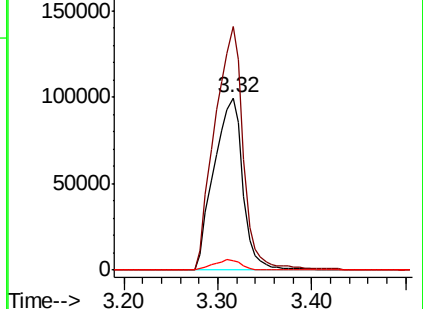
44 5.7 4.7 7.1

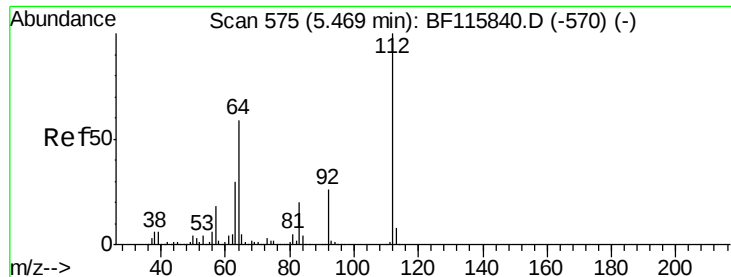


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.561 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF115854.D

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Instrument :

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SSTDCCC040

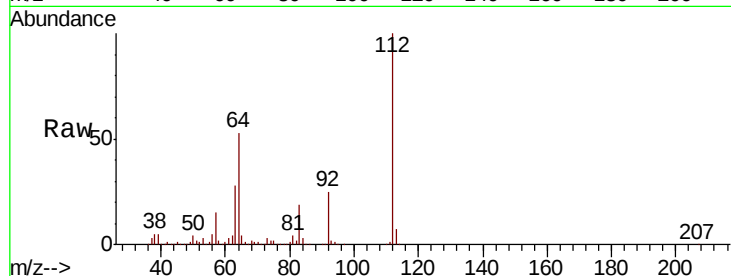
Tot Ion:112 Resp: 763008

Ion Ratio Lower Upper

112 100

64 53.1 46.8 70.2

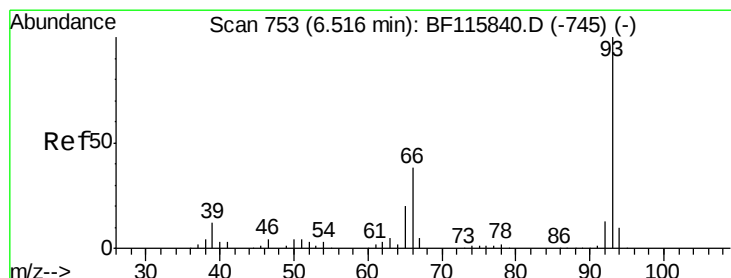
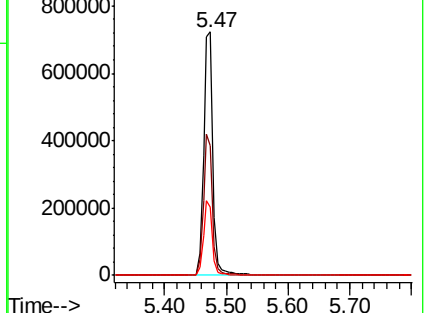
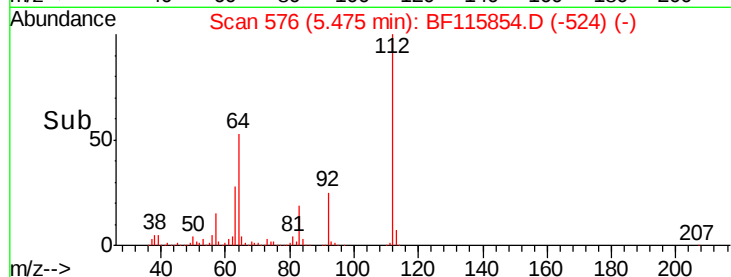
63 28.2 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.091 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115854.D

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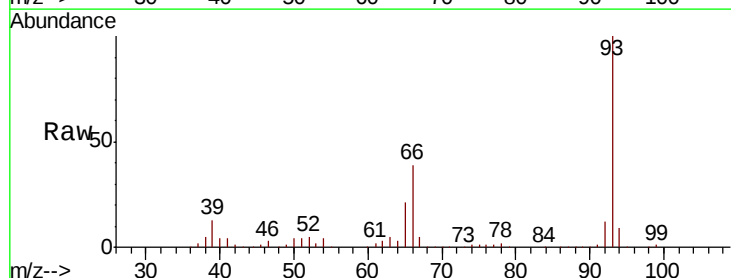
Tgt Ion: 93 Resp: 694571

Ion Ratio Lower Upper

93 100

66 39.5 31.4 47.0

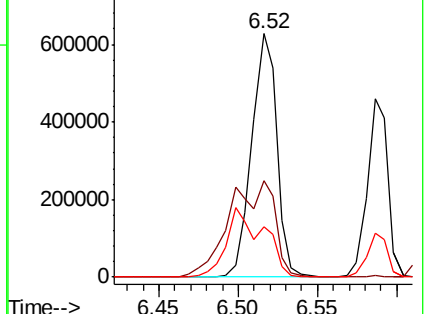
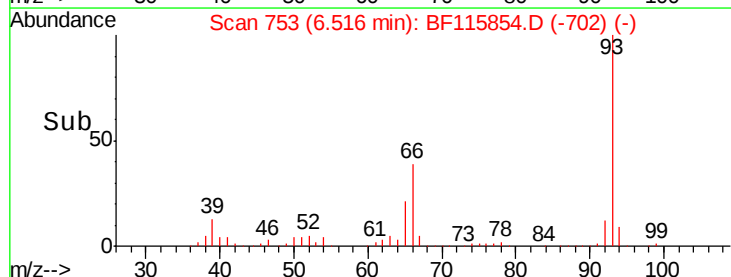
65 20.6 16.5 24.7



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: 81.807 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

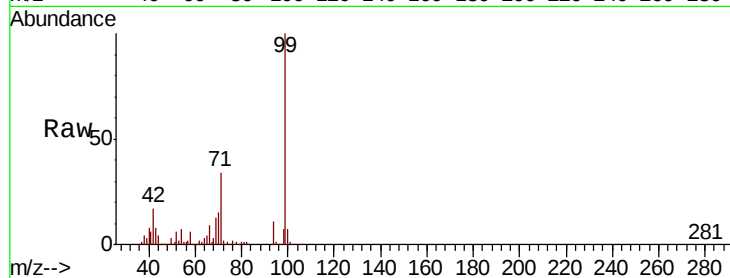
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 965576

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	33.7	27.1	40.7

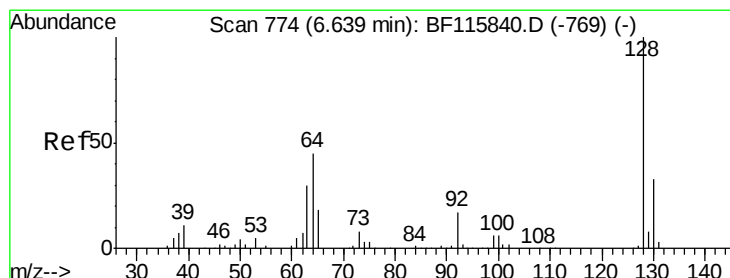
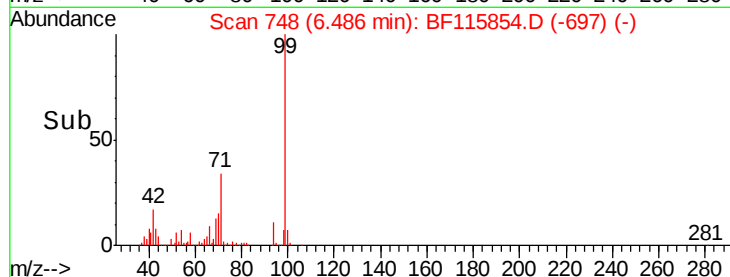
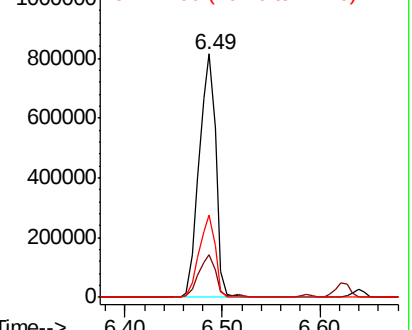


Abundance

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: 40.516 ng

RT: 6.64 min Scan# 774

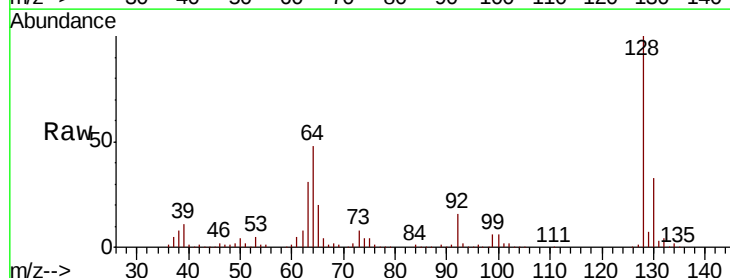
Delta R.T. -0.00 min

Lab File: BF115854.D

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Tgt Ion: 128 Resp: 419131

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	47.7	26.1	66.1

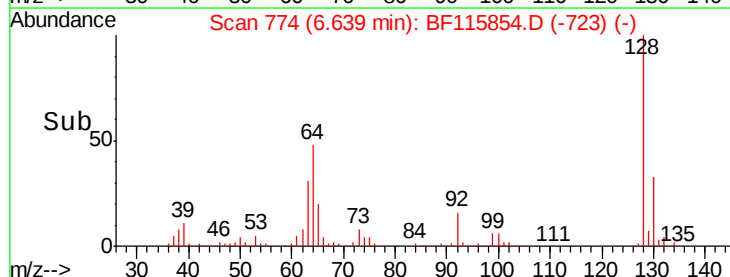
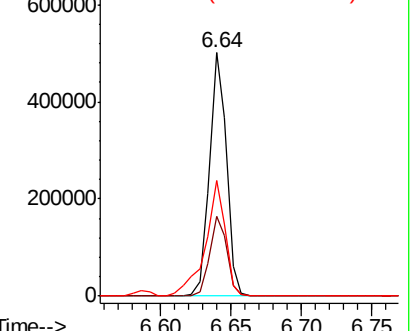


Abundance

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

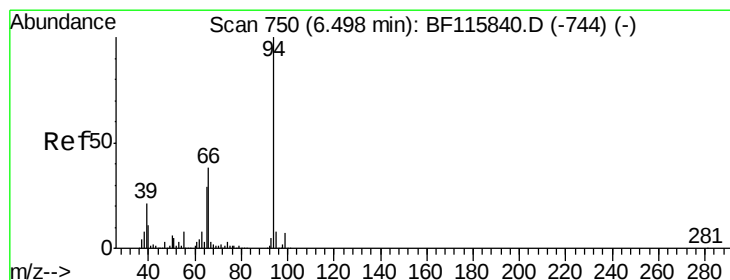
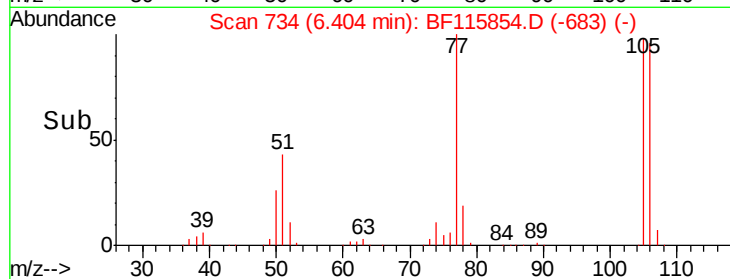
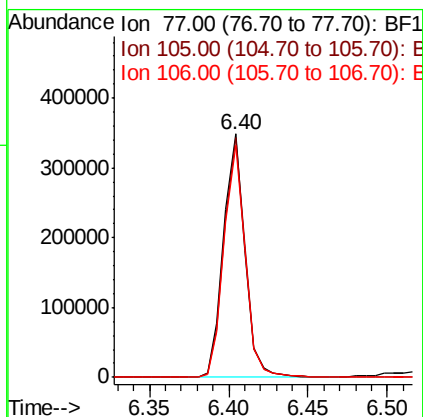
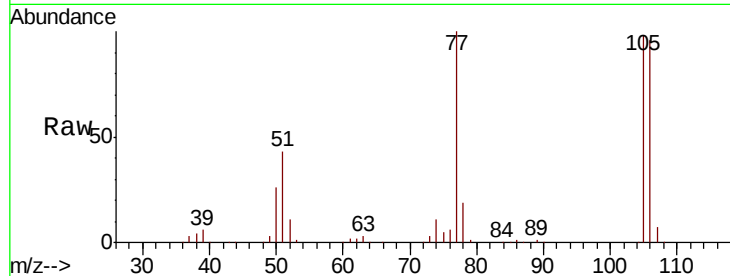




#9
Benzaldehyde
Concen: 40.054 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.00 min
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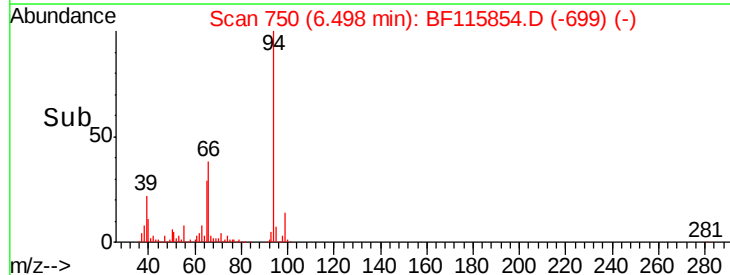
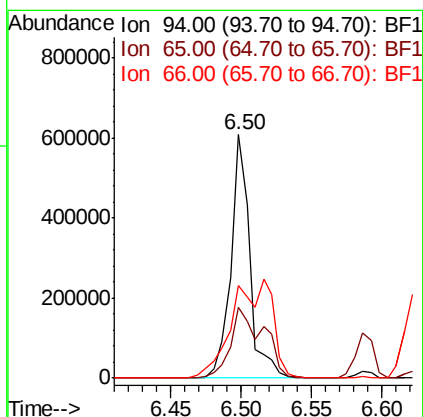
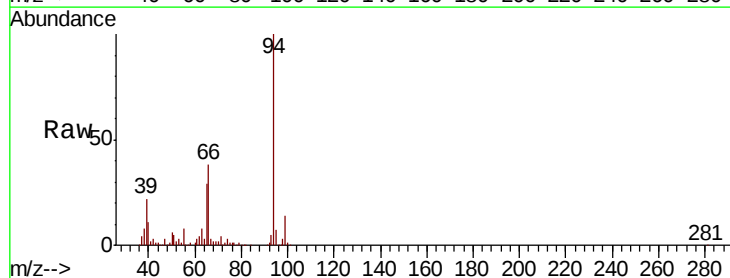
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Tot Ion: 77 Resp: 326201
Ion Ratio Lower Upper
77 100
105 98.3 79.0 119.0
106 95.6 76.2 116.2



#10
Phenol
Concen: 41.074 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Tgt Ion: 94 Resp: 570906
Ion Ratio Lower Upper
94 100
65 29.2 8.9 48.9
66 38.3 18.0 58.0

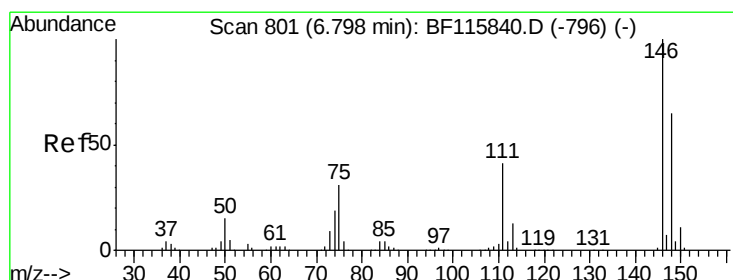
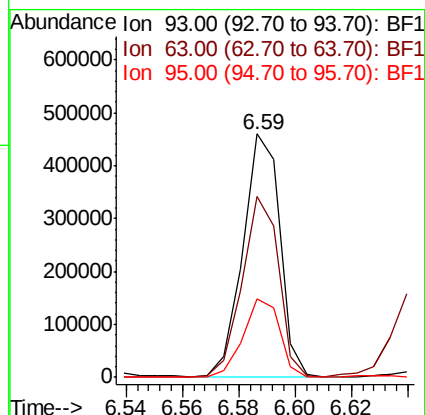
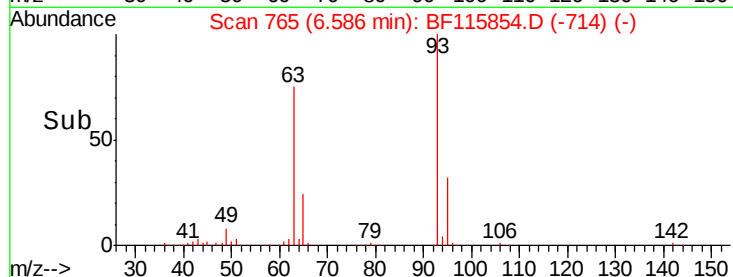
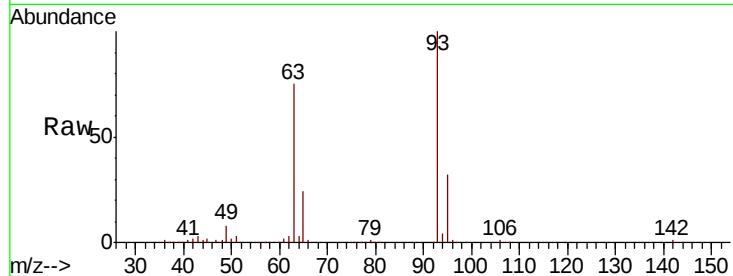




#11
bis(2-Chloroethyl)ether
Concen: 40.645 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

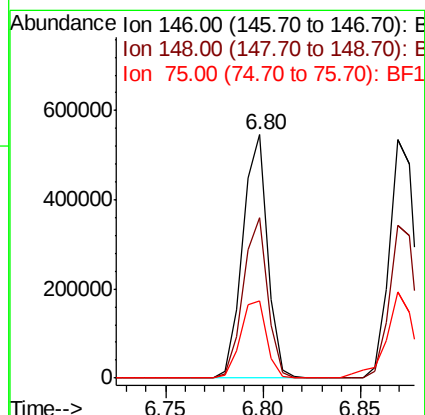
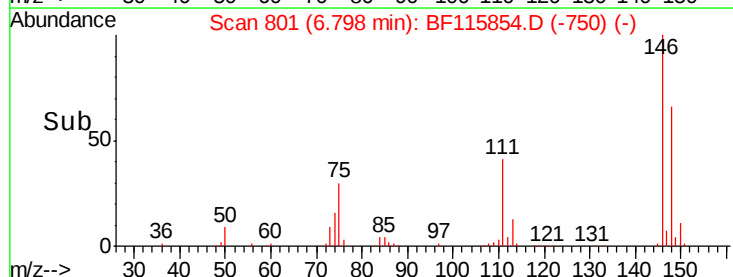
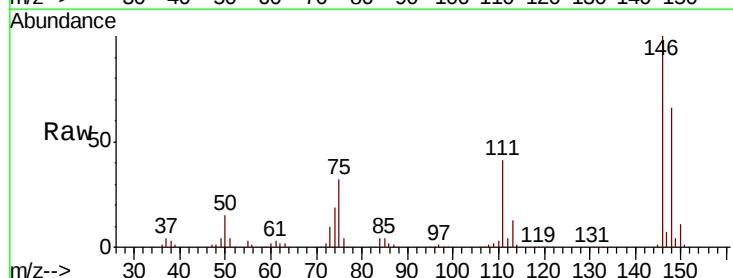
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

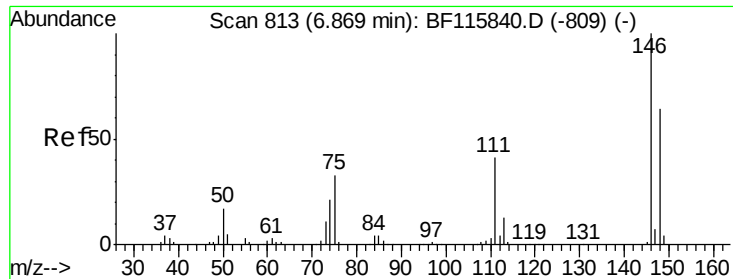
Tot Ion: 93 Resp: 415348
Ion Ratio Lower Upper
93 100
63 74.5 54.9 94.9
95 32.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.300 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Tgt Ion: 146 Resp: 481801
Ion Ratio Lower Upper
146 100
148 65.7 52.1 78.1
75 31.7 25.0 37.6

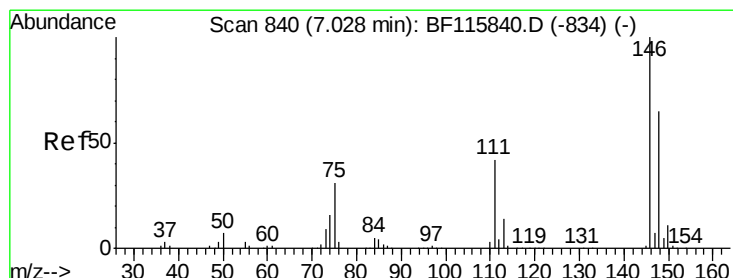
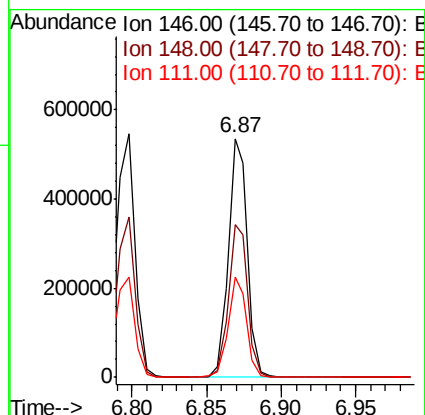
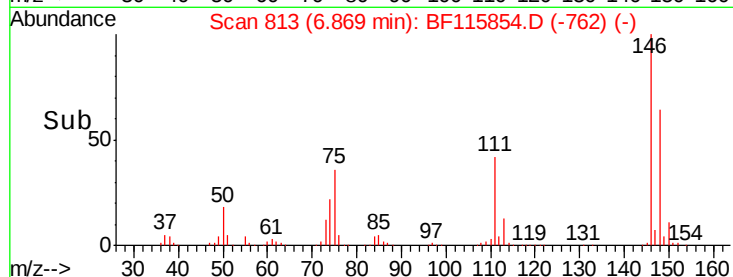
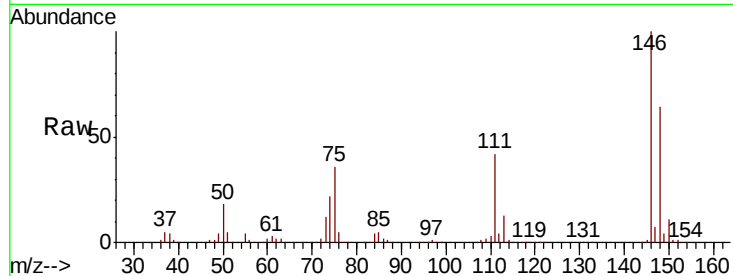




#13
 1,4-Dichlorobenzene
 Concen: 40.375 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF115854.D
 Acq: 31 Jul 2019 7:59

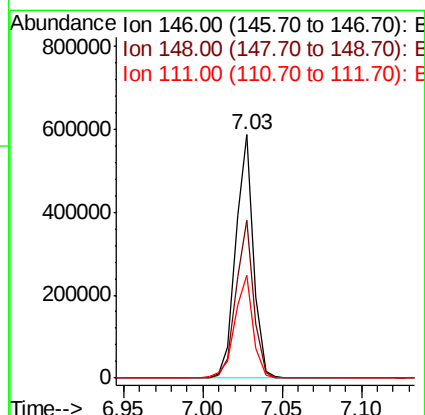
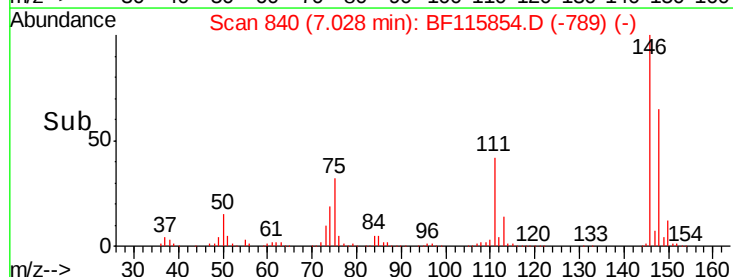
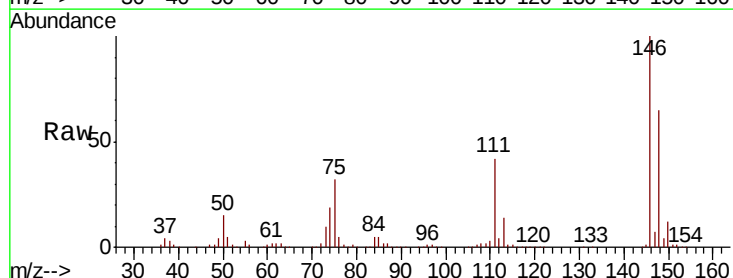
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

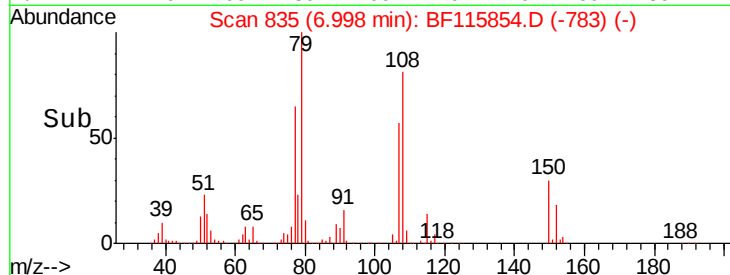
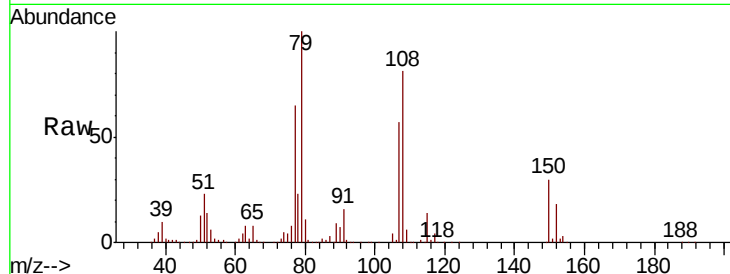
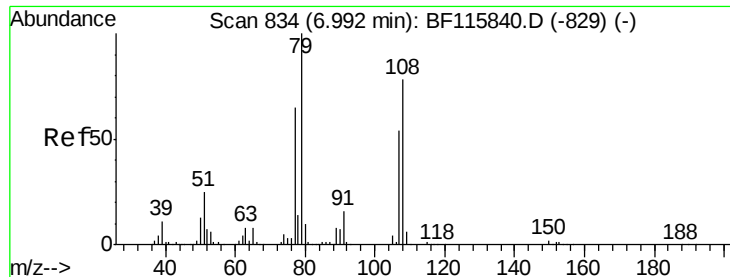
Tot Ion:146 Resp: 483315
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.2 76.8
 111 41.7 33.2 49.8



#14
 1,2-Dichlorobenzene
 Concen: 41.137 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF115854.D
 Acq: 31 Jul 2019 7:59

Tgt Ion:146 Resp: 453426
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.6 77.4
 111 42.2 33.6 50.4





#15

Benzyl Alcohol

Concen: 41.703 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

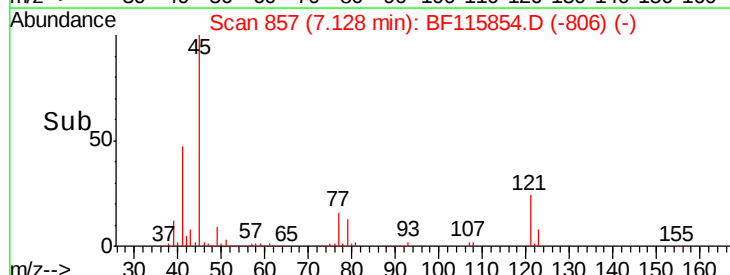
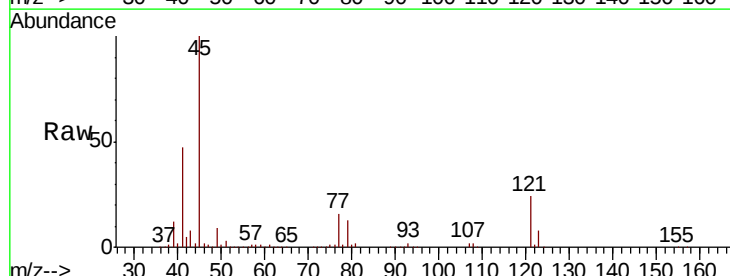
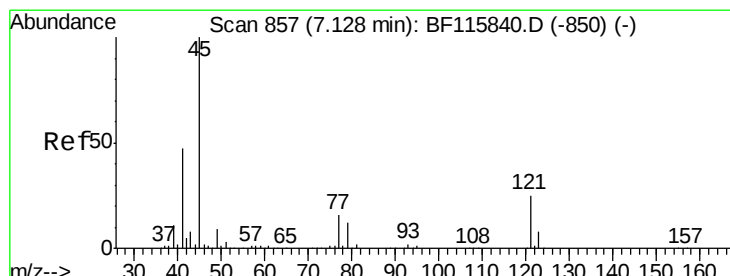
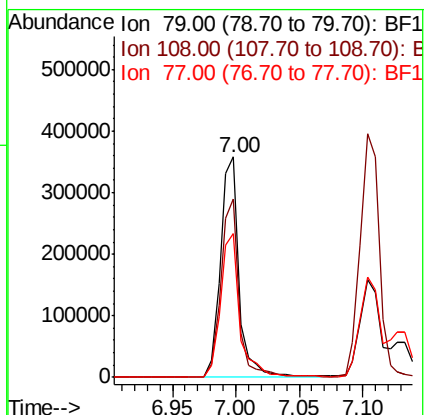
Tot Ion: 79 Resp: 373543

Ion Ratio Lower Upper

79 100

108 80.7 62.8 94.2

77 65.0 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.392 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

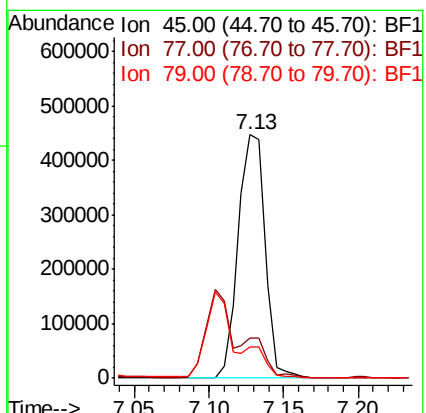
Tgt Ion: 45 Resp: 563008

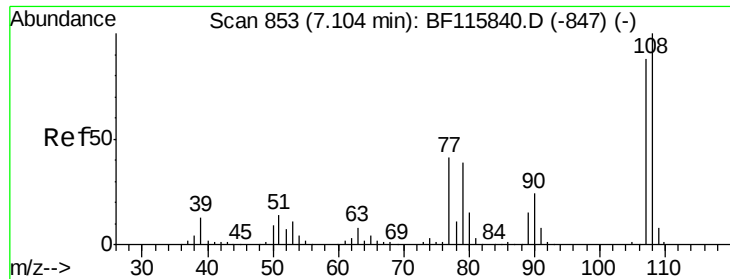
Ion Ratio Lower Upper

45 100

77 16.4 0.0 36.3

79 12.6 0.0 32.5

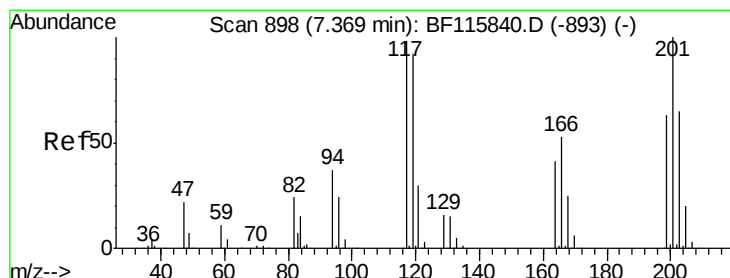
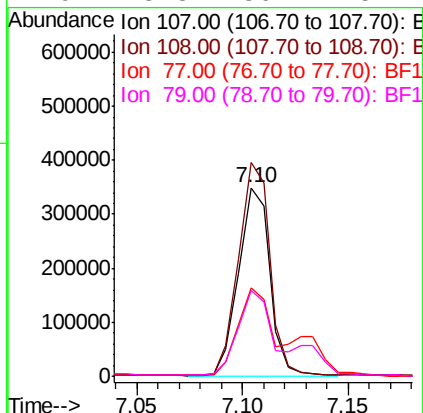
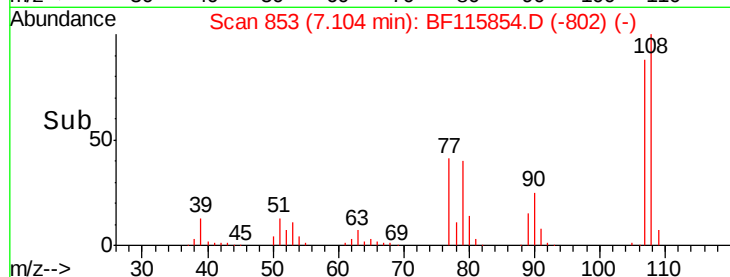
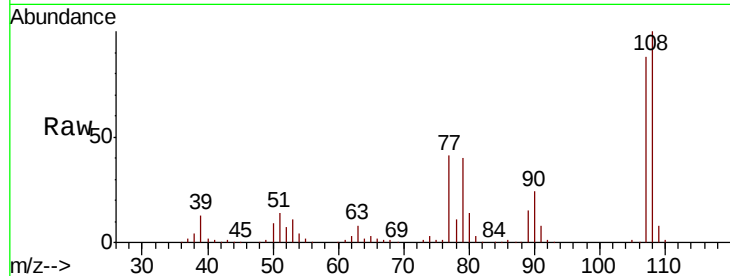




#17
2-Methylphenol
Concen: 40.804 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

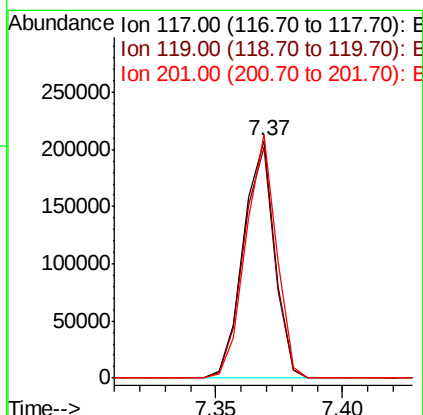
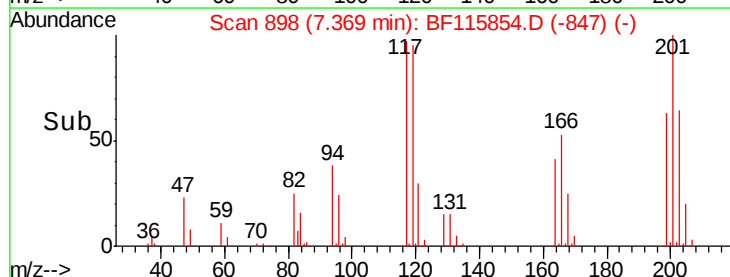
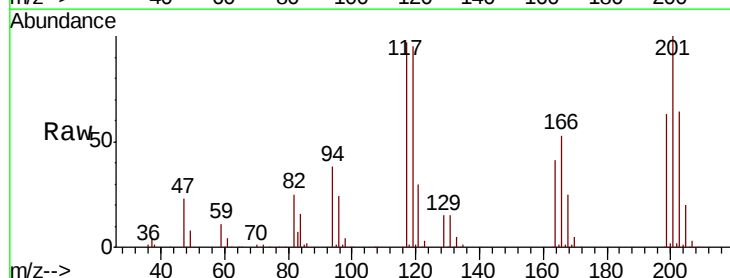
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

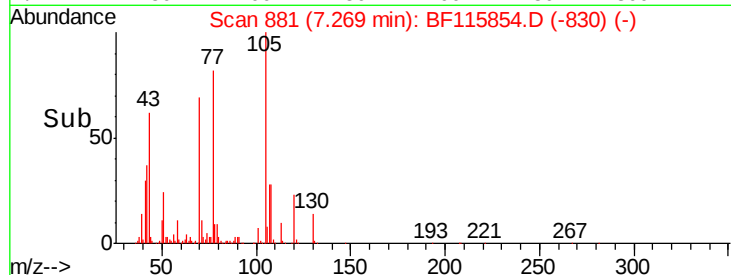
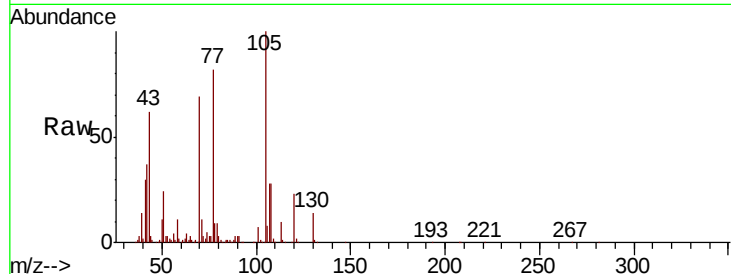
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.4	137.0
77	46.7	37.6	56.4
79	45.3	36.2	54.4



#18
Hexachloroethane
Concen: 40.424 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.8	113.6
201	102.6	82.0	123.0

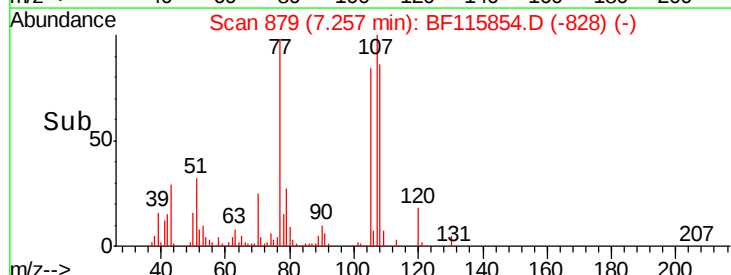
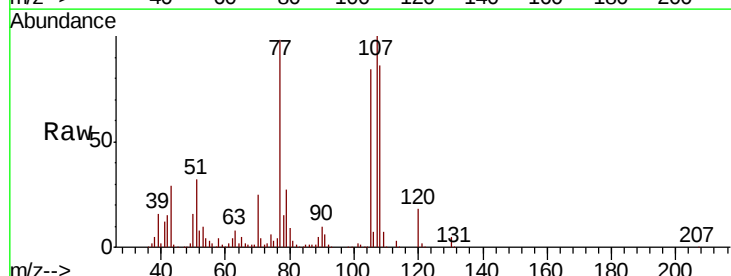
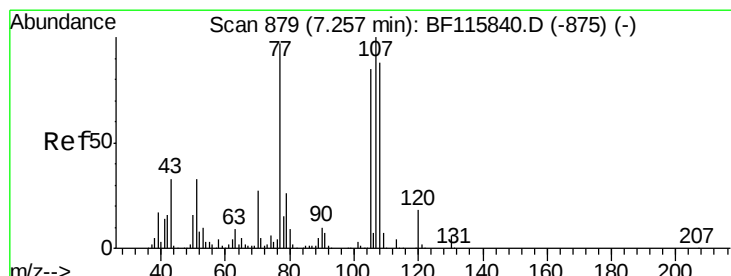
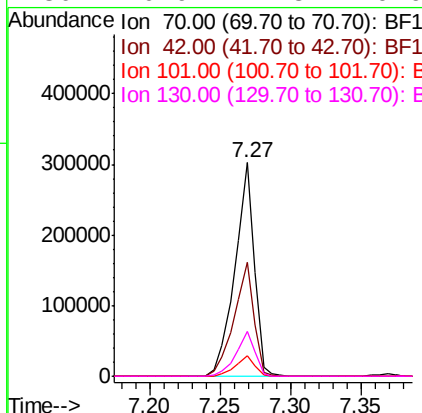




#19
n-Nitroso-di-n-propylamine
Concen: 39.511 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

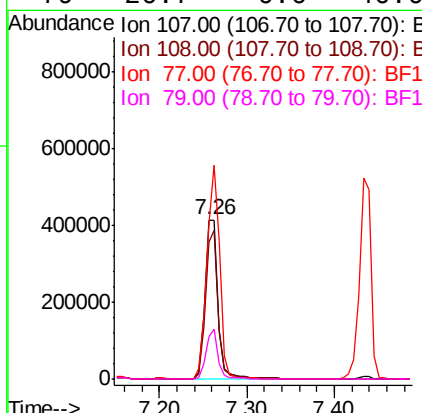
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

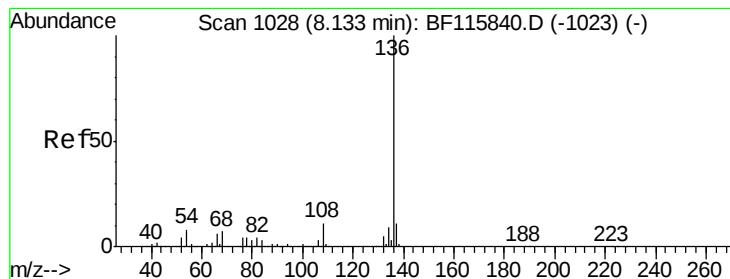
Tot Ion:	70	Resp:	288988
Ion	Ratio	Lower	Upper
70	100		
42	53.4	41.8	62.8
101	9.7	7.7	11.5
130	20.9	17.8	26.6



#20
3+4-Methylphenols
Concen: 41.255 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Tgt Ion:	107	Resp:	427642
Ion	Ratio	Lower	Upper
107	100		
108	86.0	67.9	107.9
77	97.7	77.3	117.3
79	26.7	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: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 633253

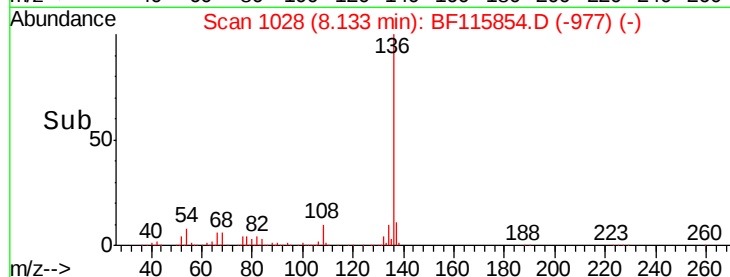
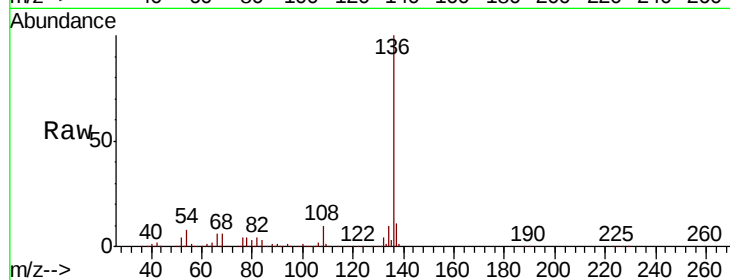
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.6 6.1 9.1

68 6.1 5.4 8.2

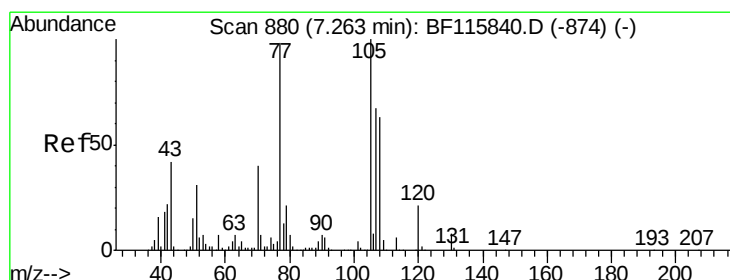
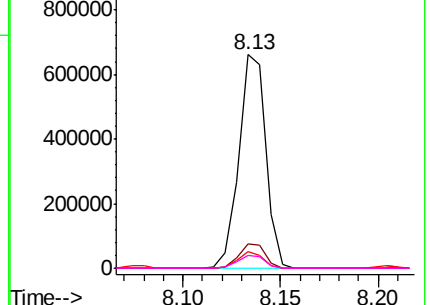


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.258 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Tgt Ion:105 Resp: 559110

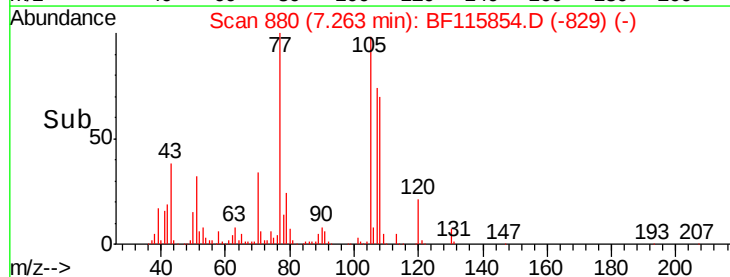
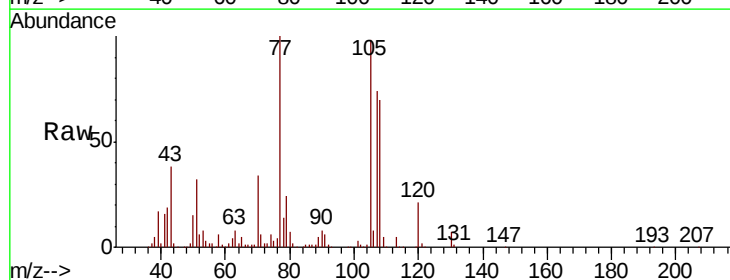
Ion Ratio Lower Upper

105 100

71 6.1 5.4 8.0

51 32.3 24.6 36.8

120 21.6 17.0 25.6

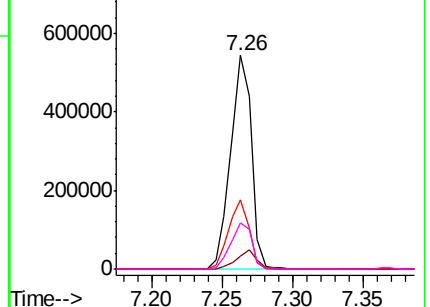


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

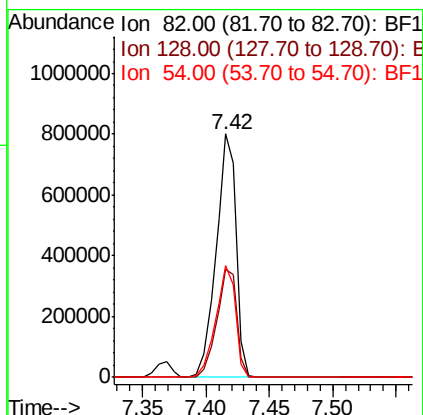
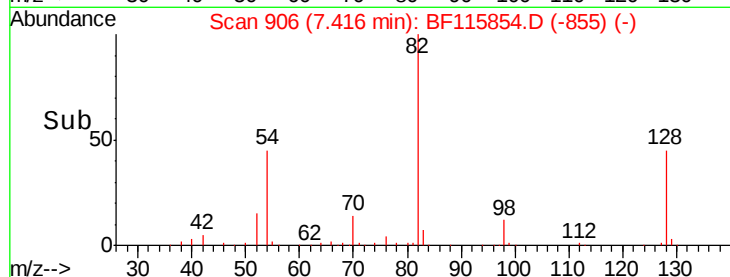
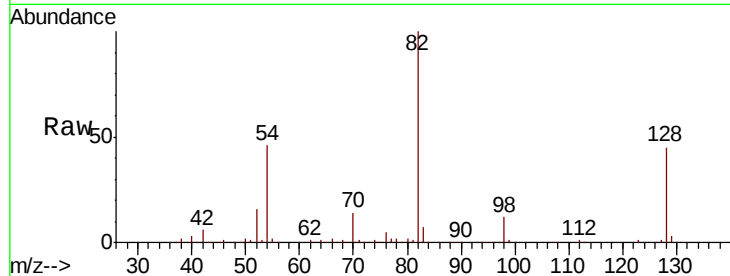




#23
 Nitrobenzene-d5
 Concen: 80.482 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF115854.D
 Acq: 31 Jul 2019 7:59

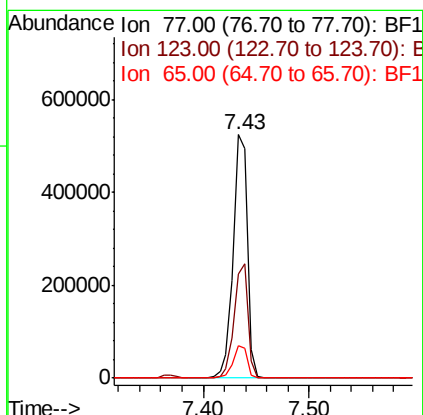
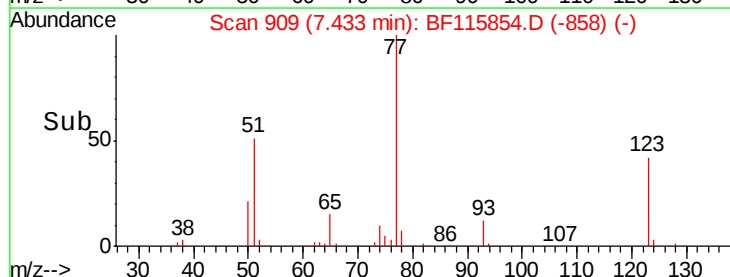
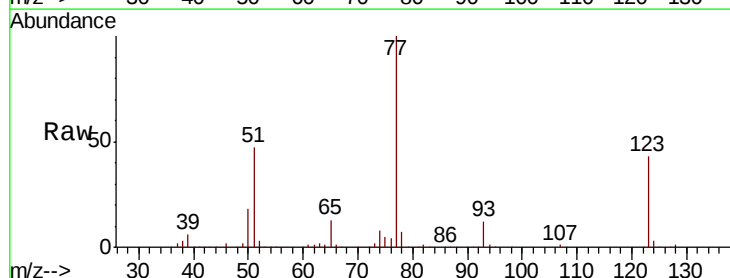
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	882935
Ion Ratio	100		
Lower	36.6		
Upper	55.0		
128	44.5		
54	45.8		



#24
 Nitrobenzene
 Concen: 40.940 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF115854.D
 Acq: 31 Jul 2019 7:59

Tgt Ion	77	Resp	484963
Ion Ratio	100		
Lower	35.5		
Upper	53.3		
123	42.8		
65	13.4		

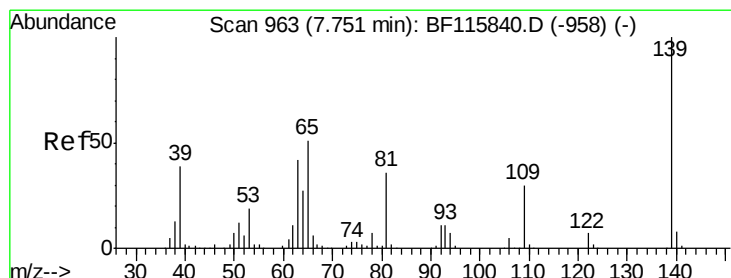
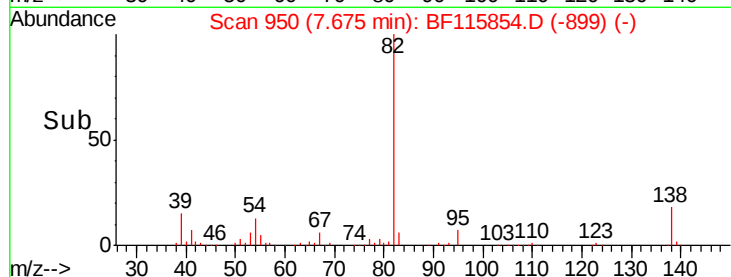
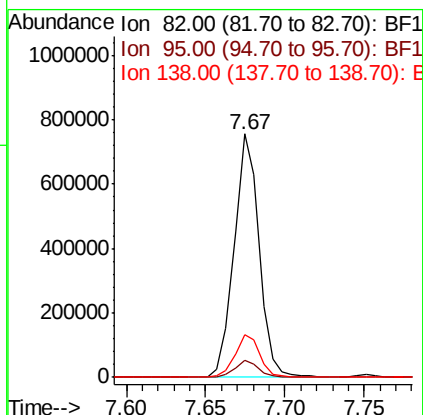
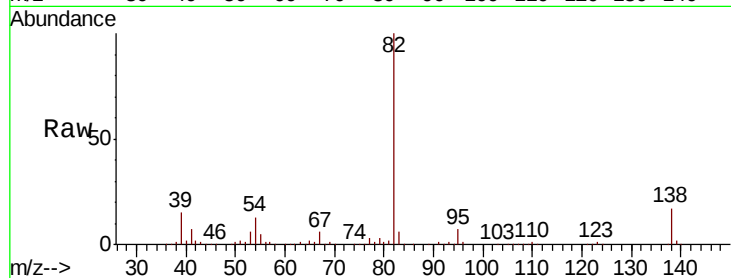




#25
Isophorone
Concen: 39.295 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

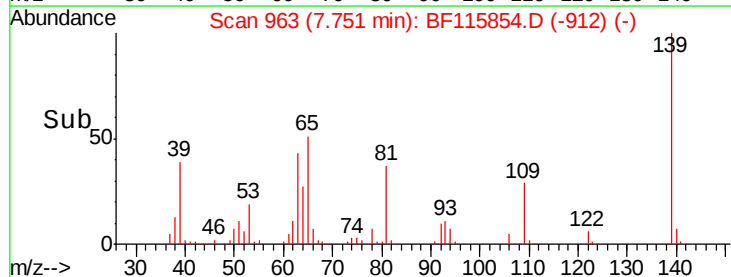
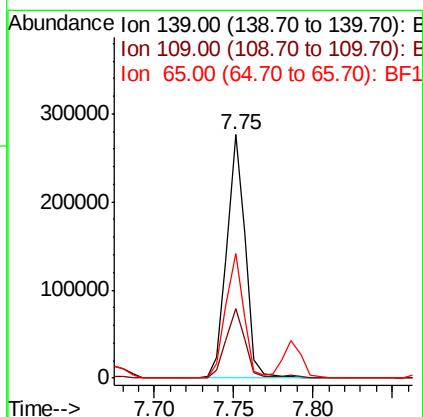
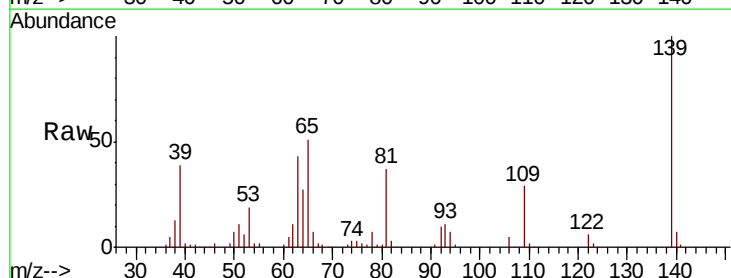
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

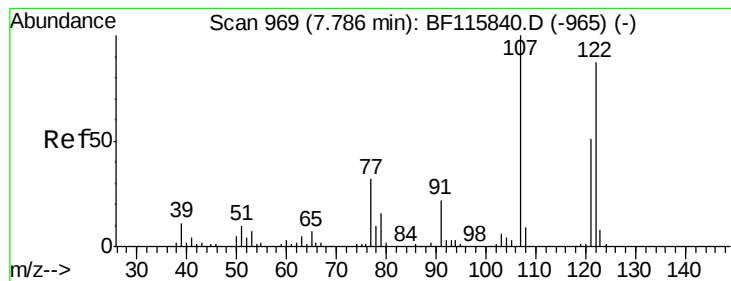
Tot Ion	82	Resp	824305
Ion Ratio	100		
Lower	5.5		
Upper	8.3		
95	6.8		
138	17.3	13.9	20.9



#26
2-Nitrophenol
Concen: 40.158 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Tgt Ion	139	Resp	224233
Ion Ratio	100		
Lower	23.6		
Upper	35.4		
109	28.7		
65	51.0	40.6	60.8





#27

2,4-Dimethylphenol

Concen: 40.620 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

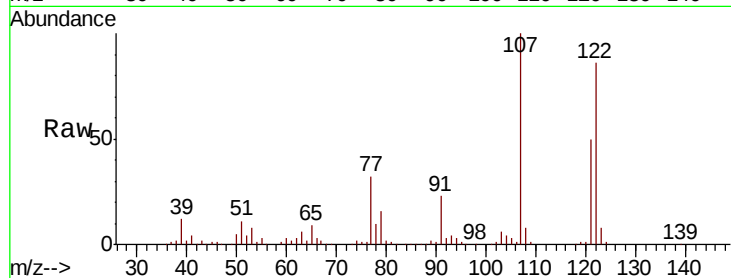
Tot Ion:122 Resp: 341239

Ion Ratio Lower Upper

122 100

107 115.6 91.7 137.5

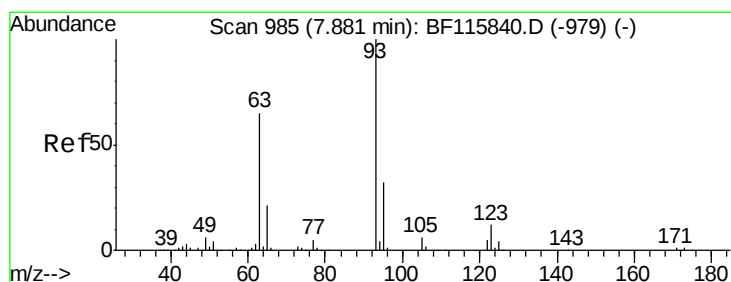
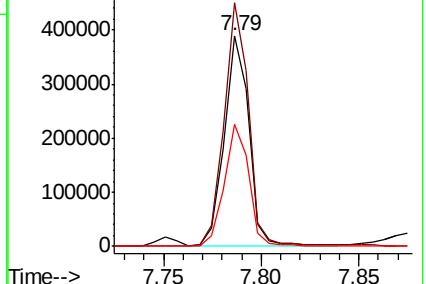
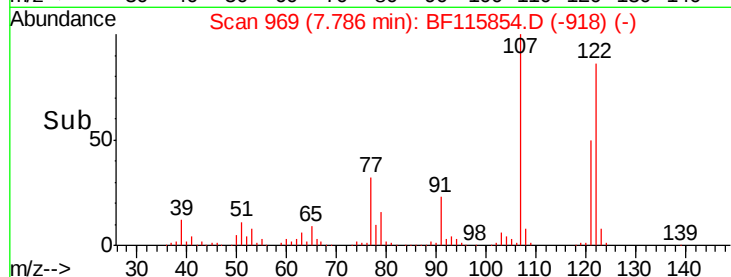
121 57.7 46.6 70.0



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: 39.638 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

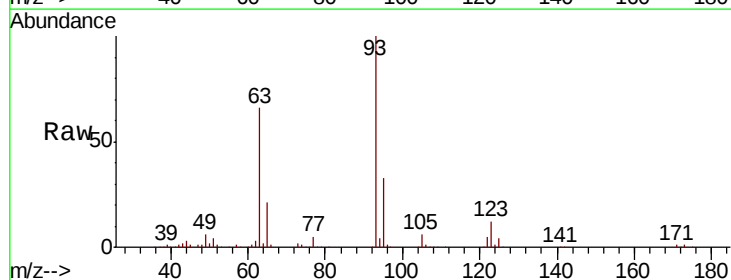
Tgt Ion: 93 Resp: 515376

Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

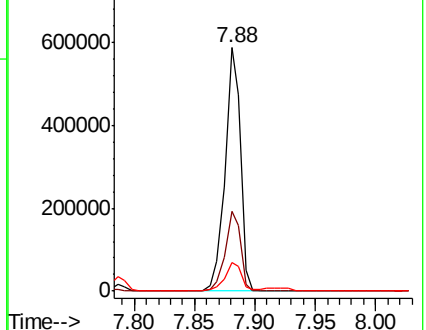
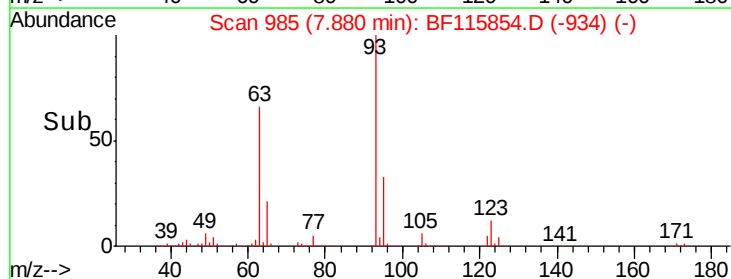
123 11.8 9.5 14.3



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

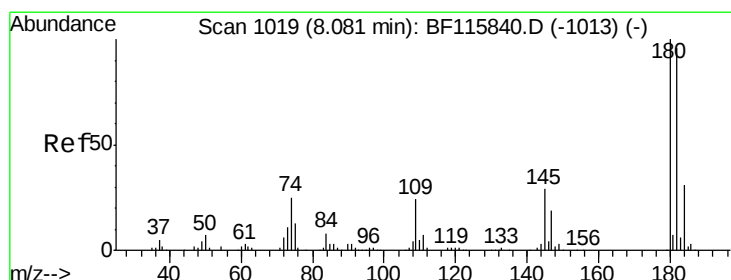
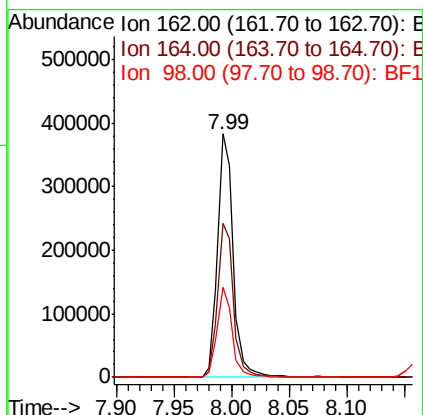
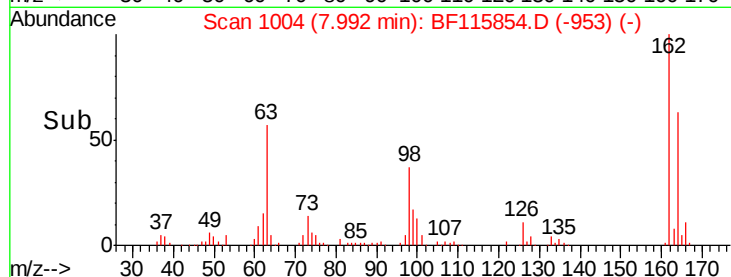
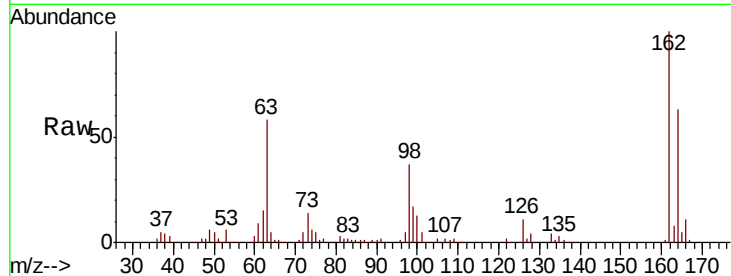




#29
 2,4-Dichlorophenol
 Concen: 40.624 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF115854.D
 Acq: 31 Jul 2019 7:59

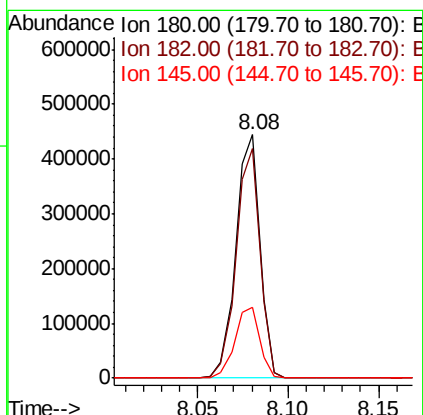
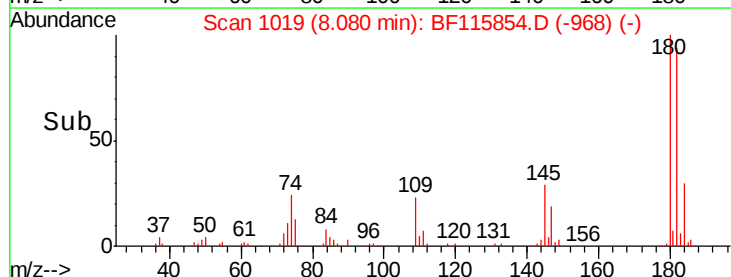
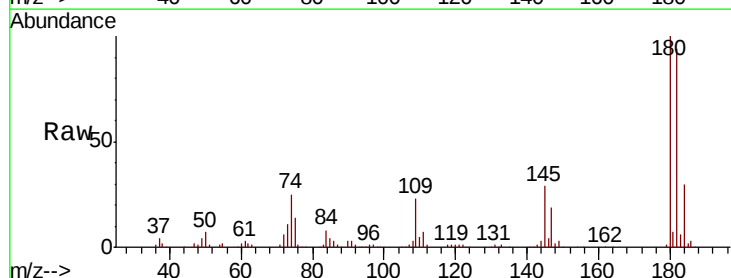
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

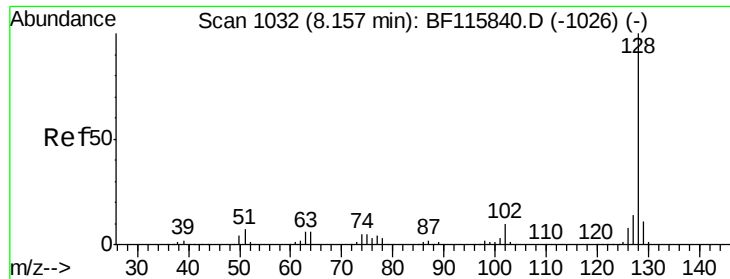
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.2	83.2
98	36.7	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.659 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF115854.D
 Acq: 31 Jul 2019 7:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.6	114.8
145	29.2	23.2	34.8

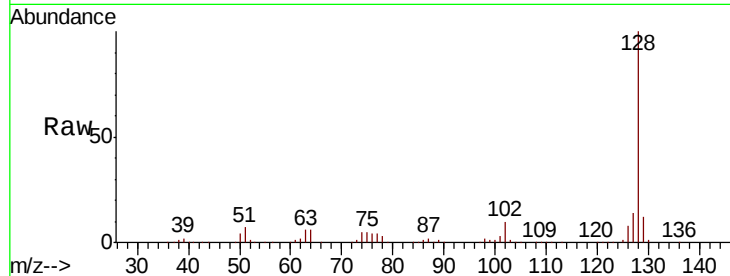




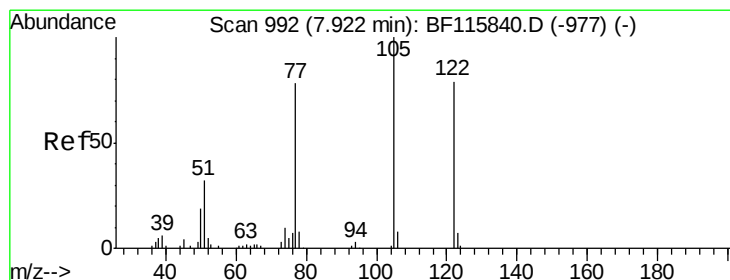
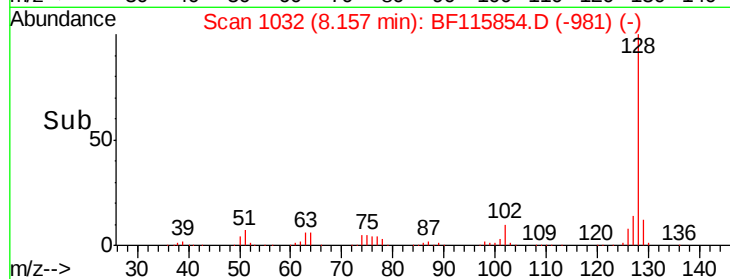
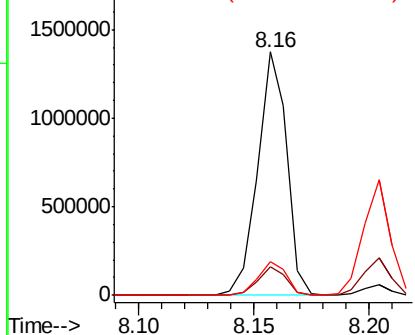
#31
Naphthalene
Concen: 40.503 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1206966
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.8 11.0 16.4

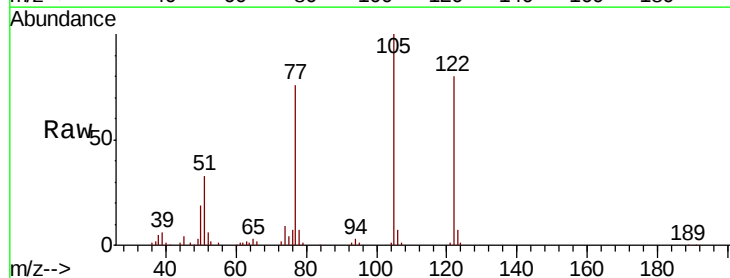


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

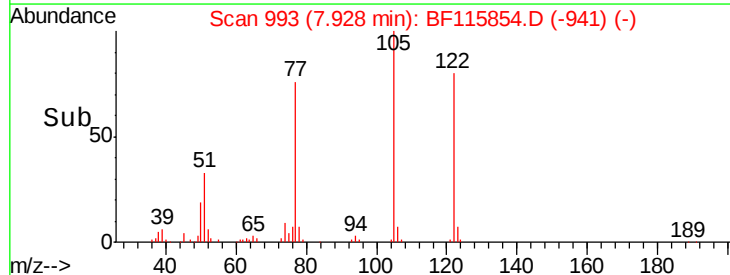
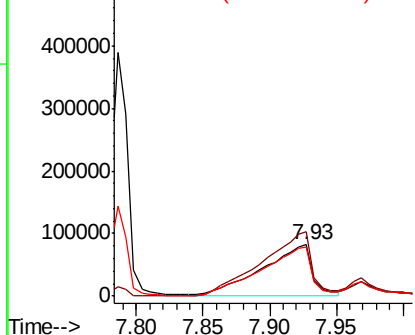


#32
Benzoic acid
Concen: 36.390 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Tgt Ion:122 Resp: 215532
Ion Ratio Lower Upper
122 100
105 125.4 103.1 143.1
77 95.1 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

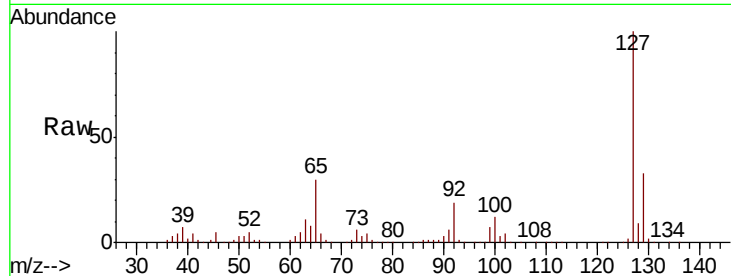




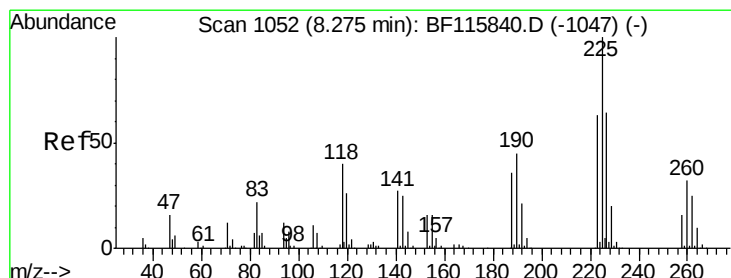
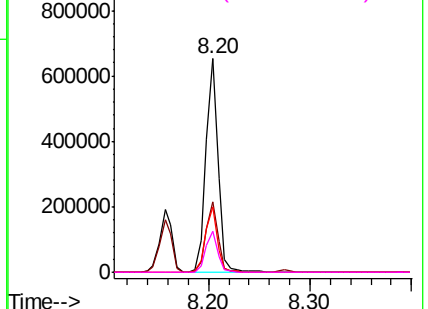
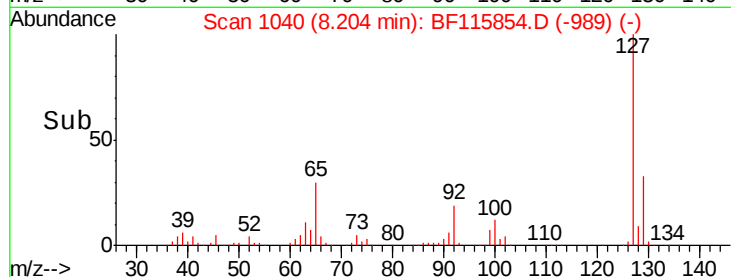
#33
4-Chloroaniline
Concen: 40.536 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	539719
Ion Ratio	Lower	Upper
127	100	
129	32.9	26.0 39.0
65	30.4	23.9 35.9
92	19.2	14.9 22.3

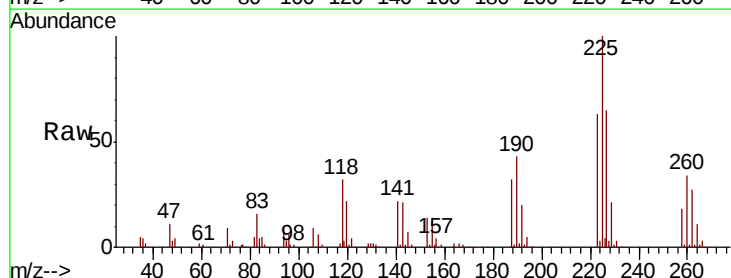


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

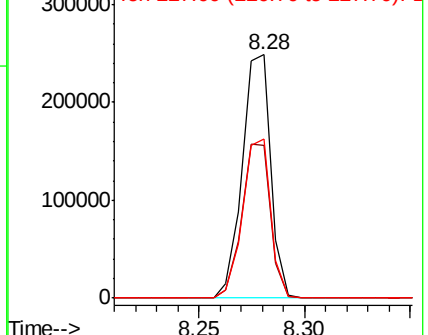
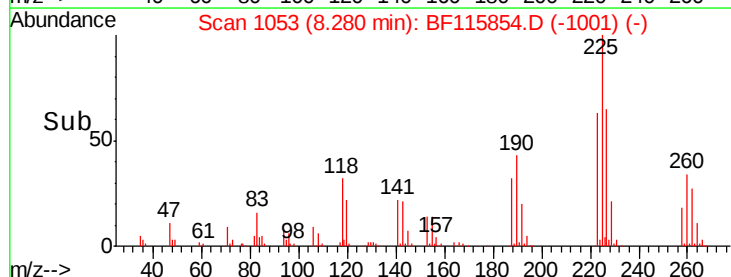


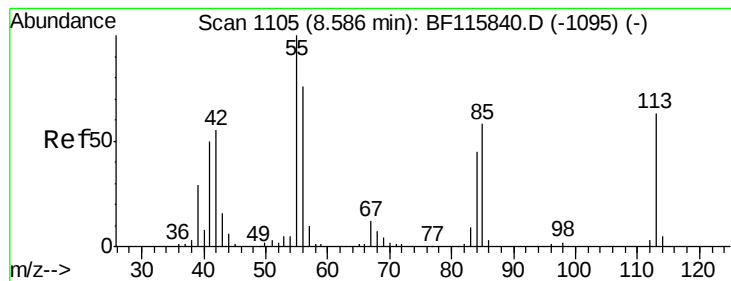
#34
Hexachlorobutadiene
Concen: 39.889 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Tgt Ion:225	Resp:	232311
Ion Ratio	Lower	Upper
225	100	
223	62.7	50.4 75.6
227	65.5	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: 40.012 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

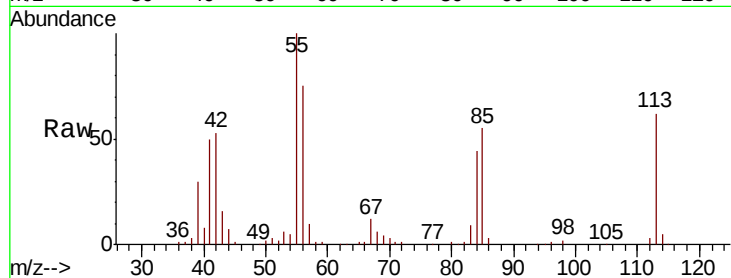
Tot Ion:113 Resp: 114786

Ion Ratio Lower Upper

113 100

55 161.0 138.1 178.1

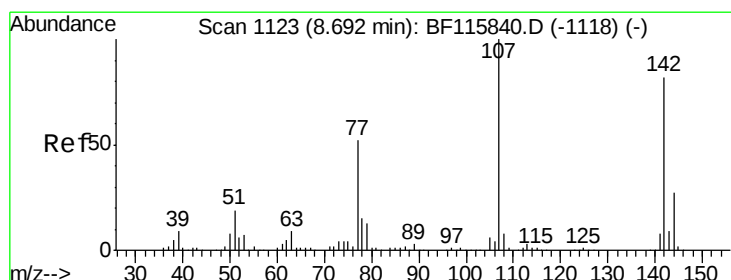
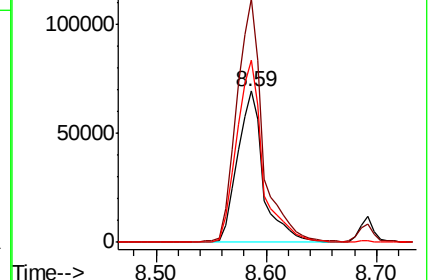
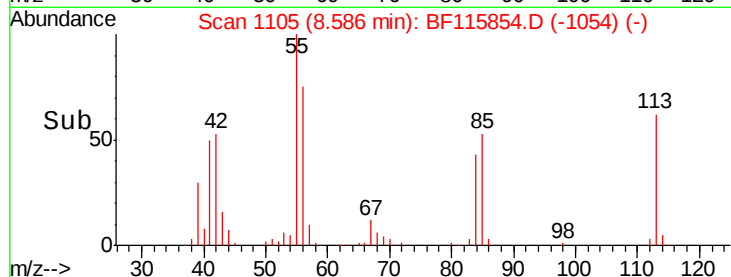
56 120.8 100.6 140.6



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: 39.935 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

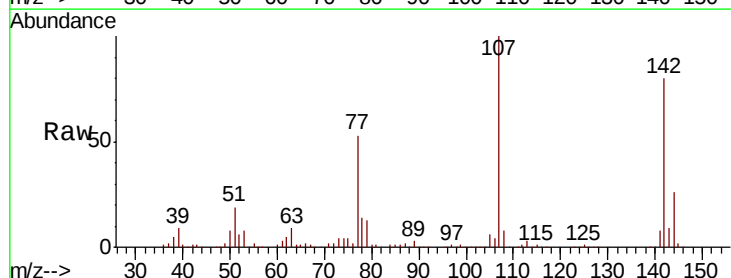
Tgt Ion:107 Resp: 368504

Ion Ratio Lower Upper

107 100

144 26.1 21.4 32.0

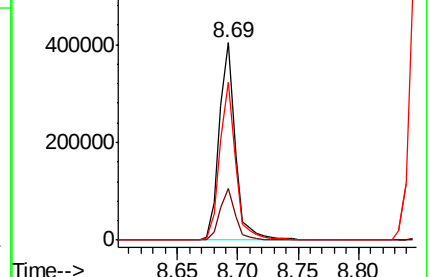
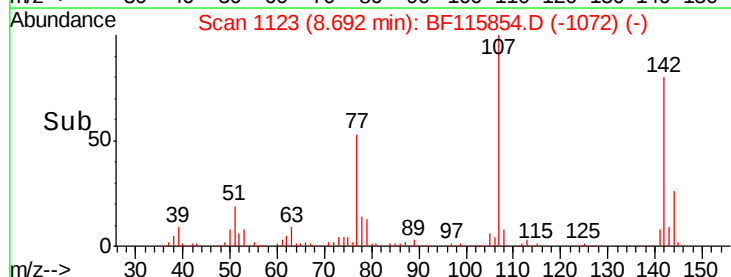
142 79.9 65.5 98.3

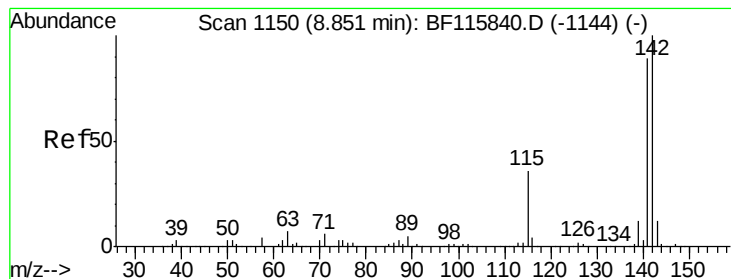


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.747 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

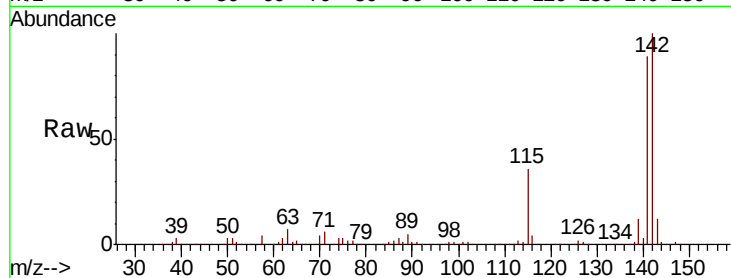
Tot Ion:142 Resp: 780063

Ion Ratio Lower Upper

142 100

141 88.6 71.4 107.2

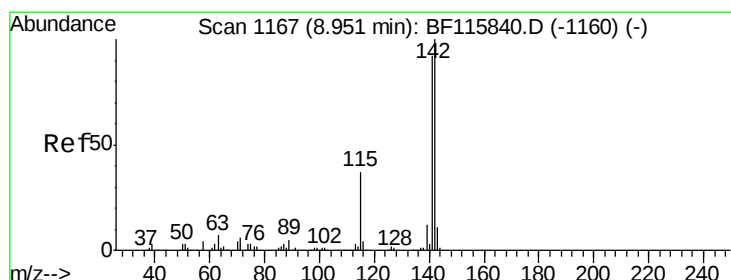
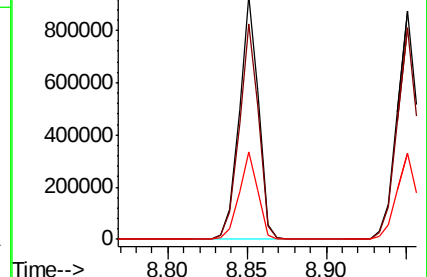
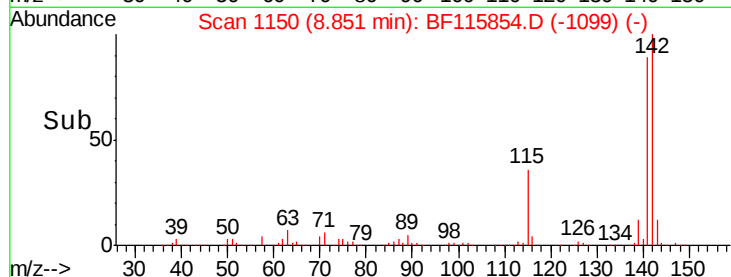
115 36.0 28.9 43.3



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: 39.858 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

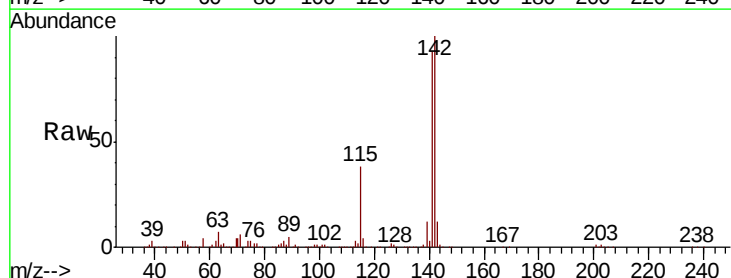
Tgt Ion:142 Resp: 740027

Ion Ratio Lower Upper

142 100

141 92.7 73.8 110.6

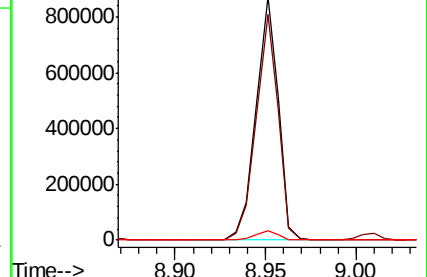
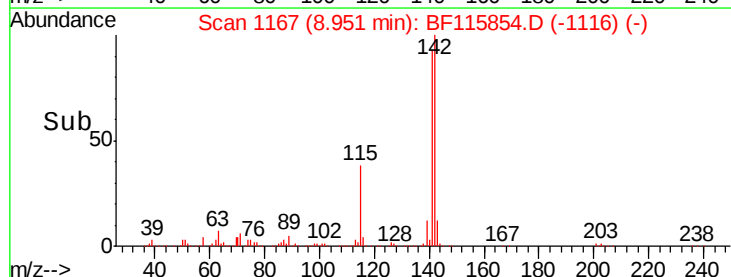
116 4.0 3.1 4.7

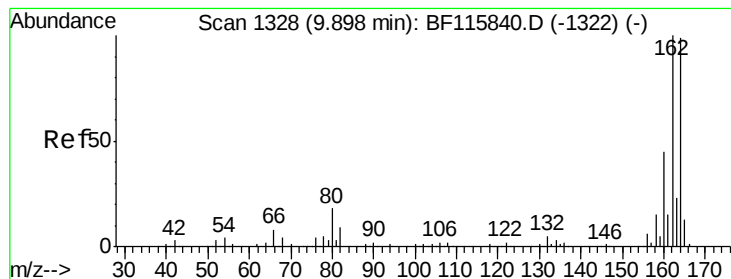


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

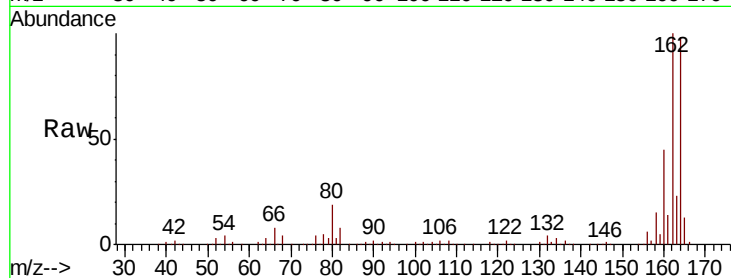
Tot Ion:164 Resp: 330565

Ion Ratio Lower Upper

164 100

162 102.4 80.8 121.2

160 45.9 36.2 54.4

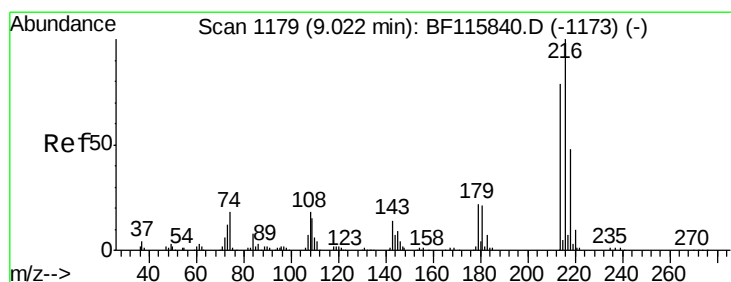
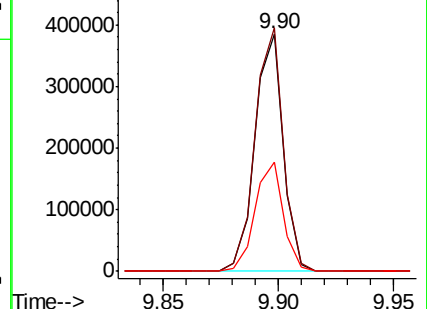
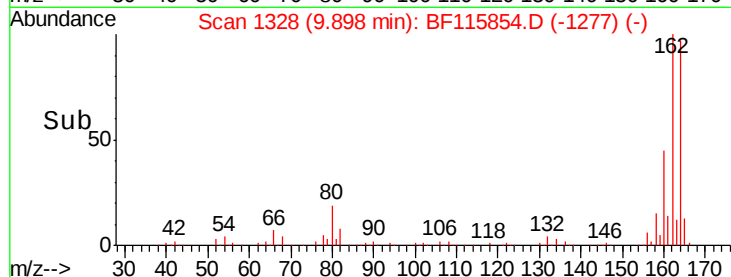


Abundance

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: 40.662 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Tgt Ion:216 Resp: 359344

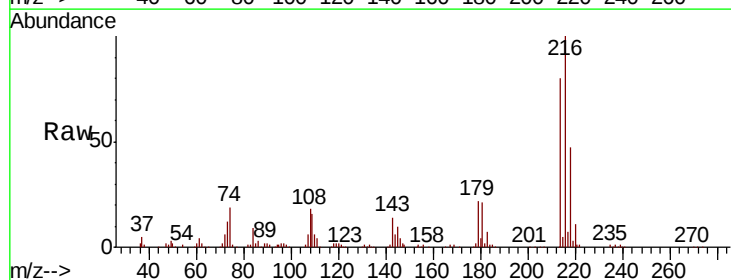
Ion Ratio Lower Upper

216 100

214 79.2 62.8 94.2

179 21.8 17.6 26.4

108 20.4 16.1 24.1



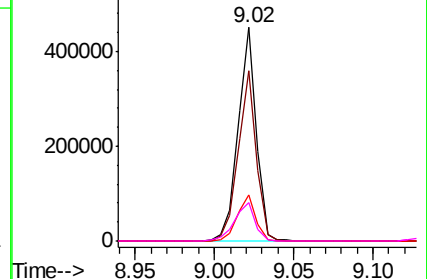
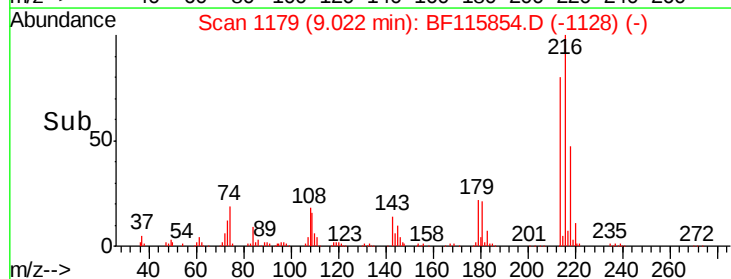
Abundance

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: 39.478 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

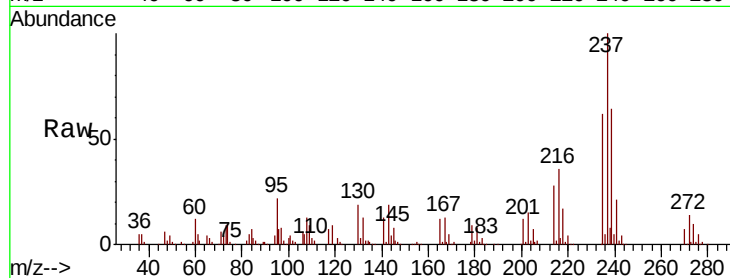
Tot Ion:237 Resp: 143771

Ion Ratio Lower Upper

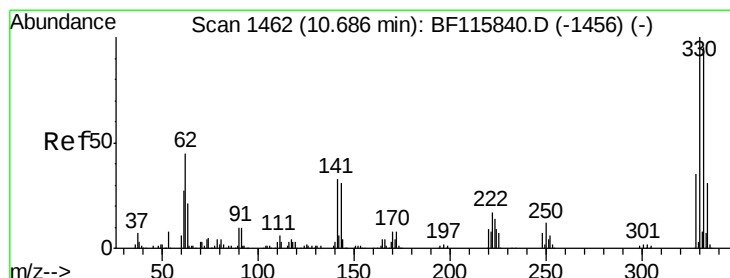
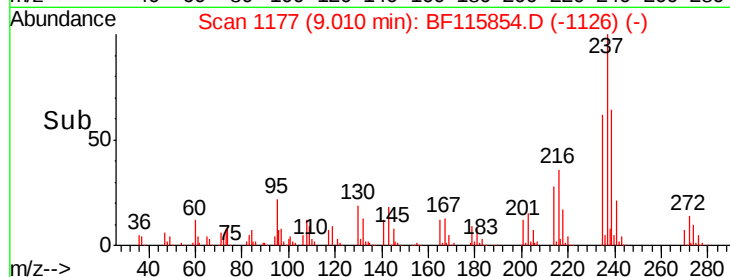
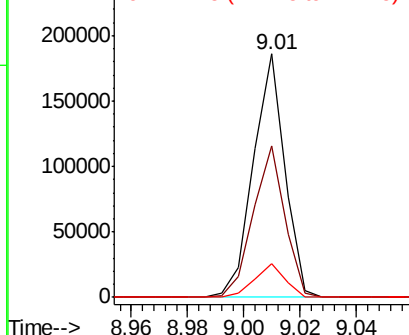
237 100

235 62.1 42.5 82.5

272 13.7 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: 79.648 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

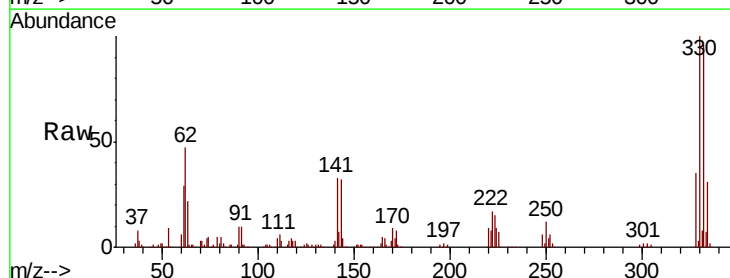
Tgt Ion:330 Resp: 255266

Ion Ratio Lower Upper

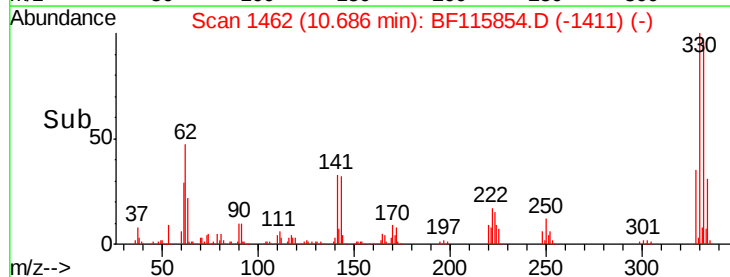
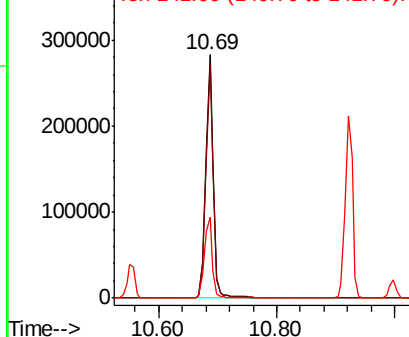
330 100

332 95.3 77.7 116.5

141 34.3 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

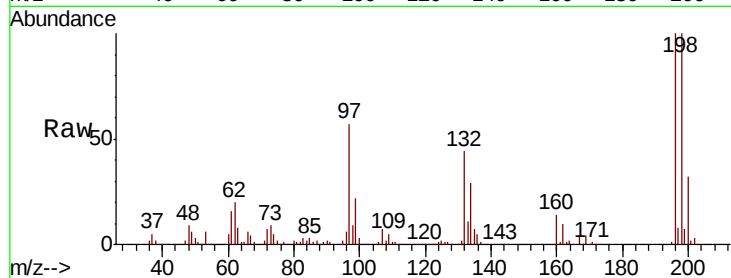




#43
 2,4,6-Trichlorophenol
 Concen: 40.167 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF115854.D
 Acq: 31 Jul 2019 7:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.5	79.1	118.7
200	32.4	26.0	39.0

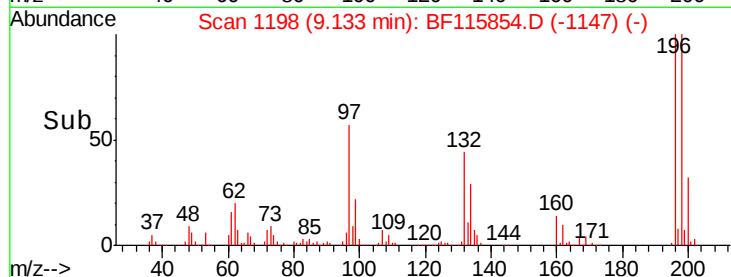
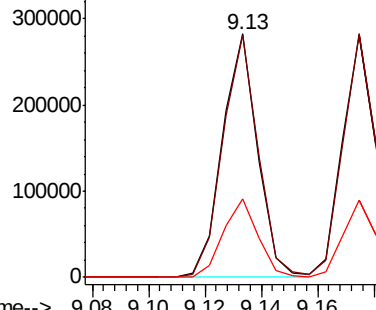


Abundance

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: 40.293 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF115854.D
 Acq: 31 Jul 2019 7:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.2	80.1	120.1
97	50.1	38.9	58.3
132	28.9	22.6	33.8

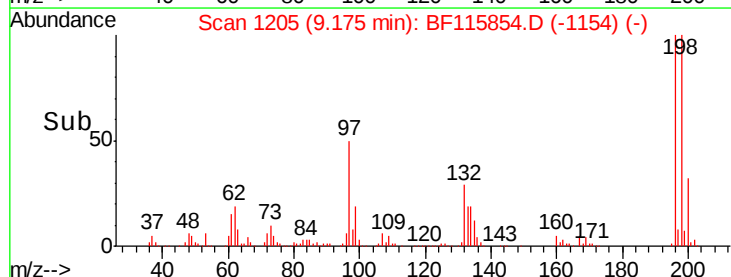
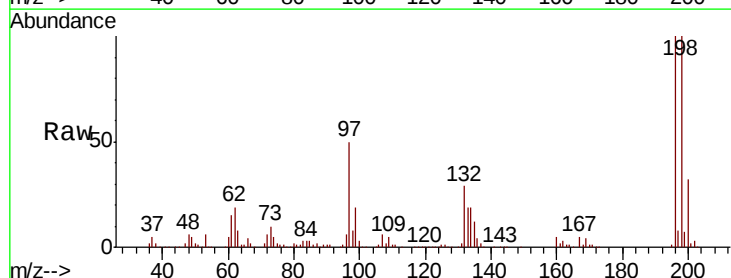
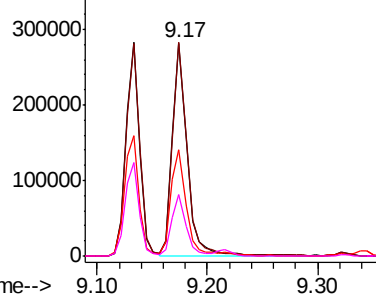
Abundance

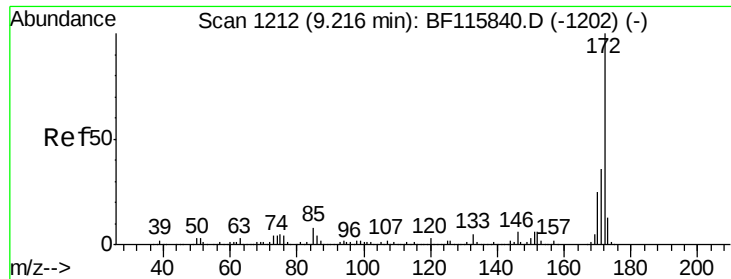
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

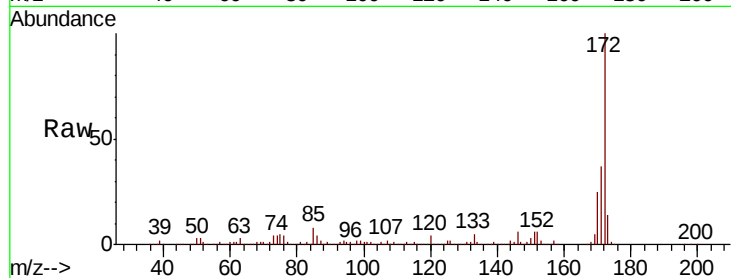




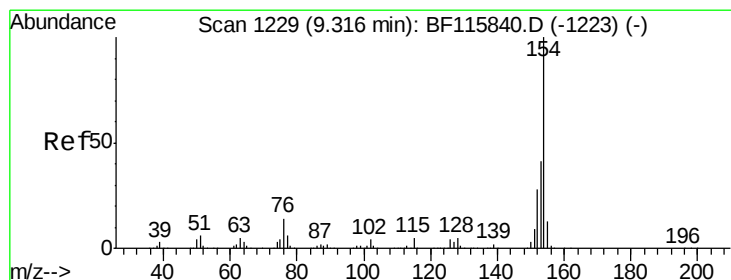
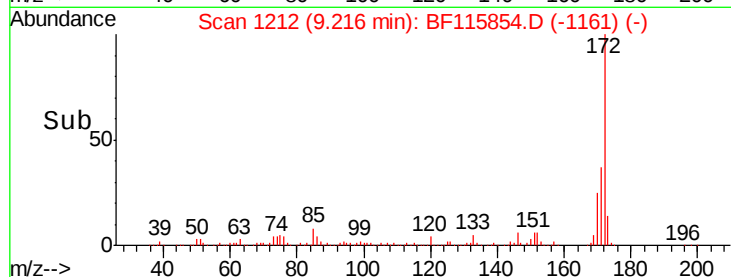
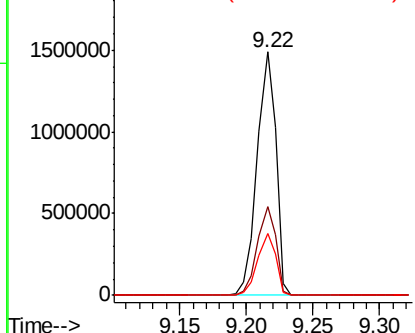
#45
2-Fluorobiphenyl
Concen: 80.820 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1426326
Ion Ratio Lower Upper
172 100
171 36.6 29.1 43.7
170 25.2 20.1 30.1

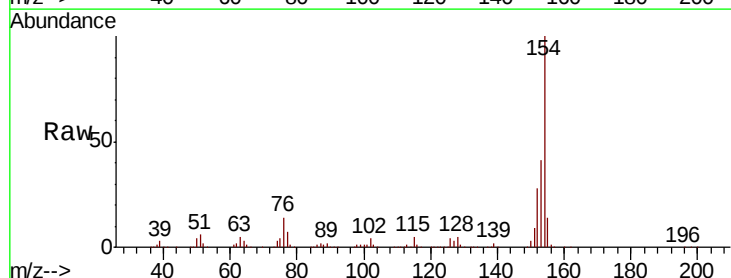


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

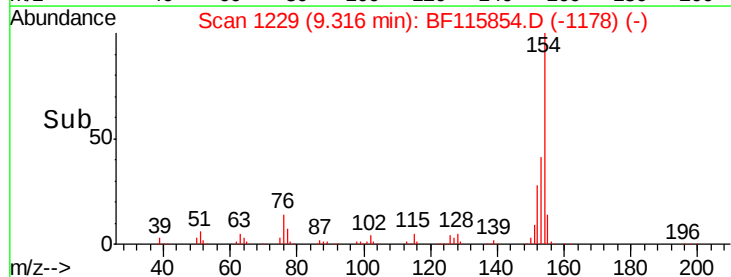
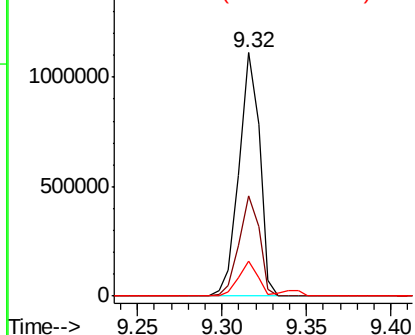


#46
1,1'-Biphenyl
Concen: 40.477 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Tgt Ion:154 Resp: 944650
Ion Ratio Lower Upper
154 100
153 41.2 20.9 60.9
76 14.3 0.0 34.3



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

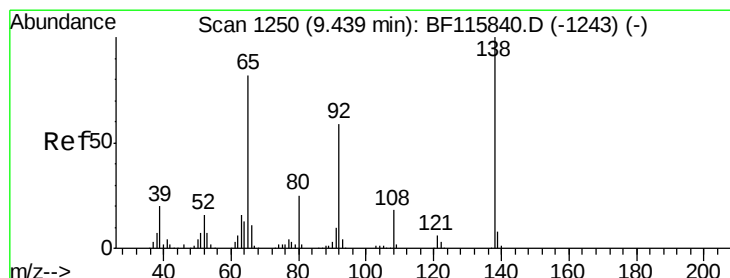
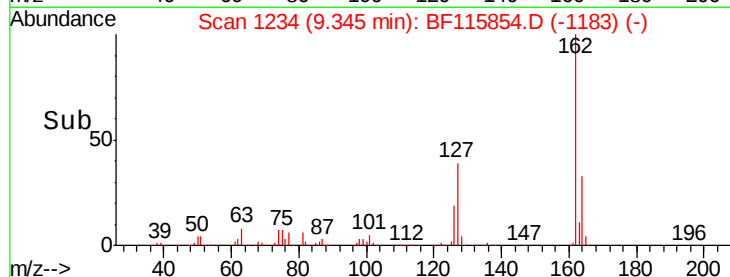
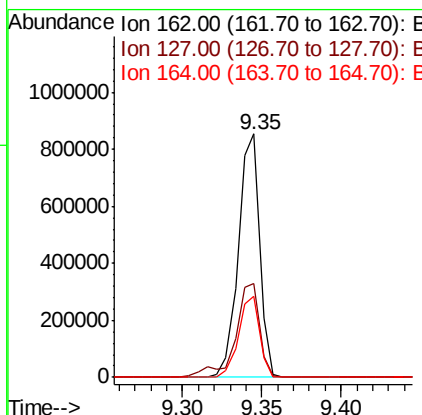
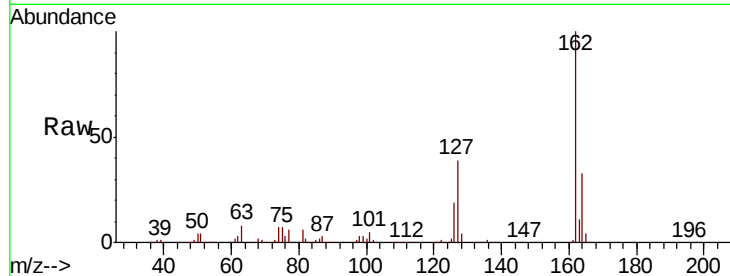




#47
 2-Chloronaphthalene
 Concen: 40.864 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF115854.D
 Acq: 31 Jul 2019 7:59

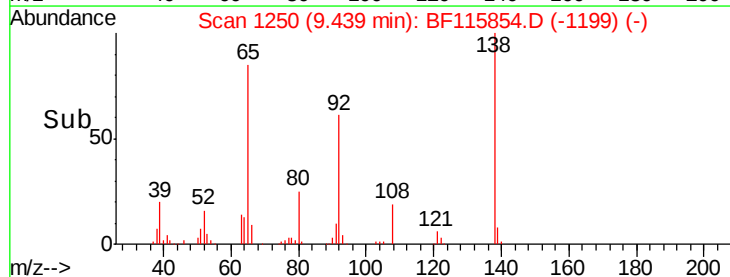
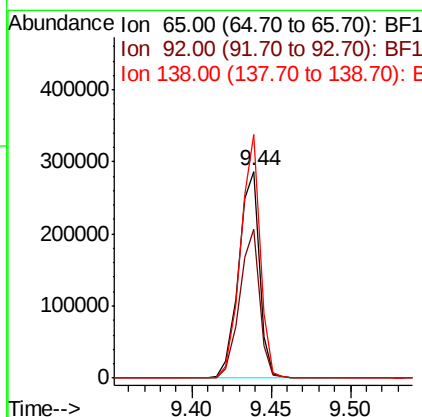
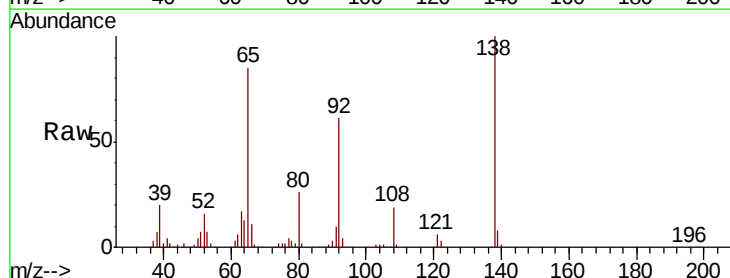
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

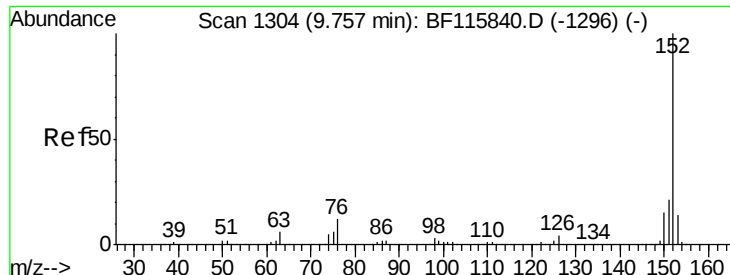
Tot Ion:	162	Resp:	793738
Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.3	46.9
164	33.3	26.6	40.0



#48
 2-Nitroaniline
 Concen: 40.524 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BF115854.D
 Acq: 31 Jul 2019 7:59

Tgt Ion:	65	Resp:	260176
Ion	Ratio	Lower	Upper
65	100		
92	72.0	57.1	85.7
138	117.8	97.1	145.7





#49

Acenaphthylene

Concen: 40.714 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

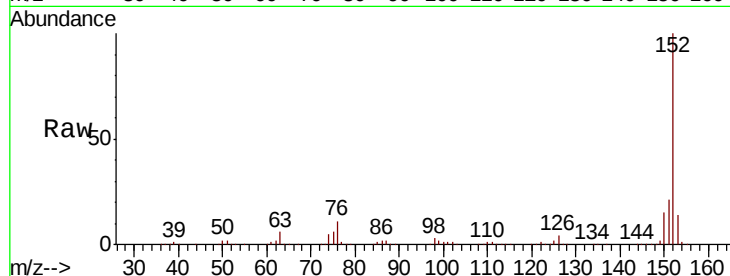
Tot Ion:152 Resp: 1153745

Ion Ratio Lower Upper

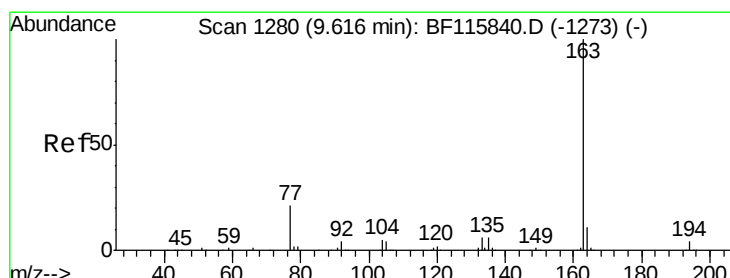
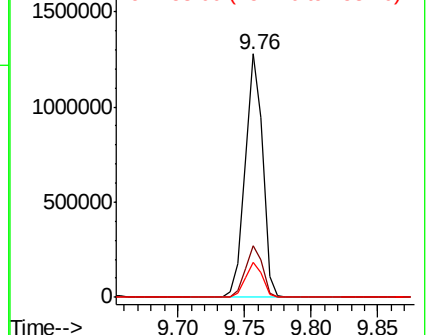
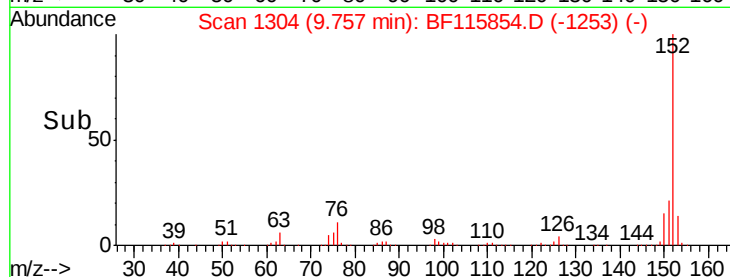
152 100

151 21.0 16.8 25.2

153 14.4 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: 39.235 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

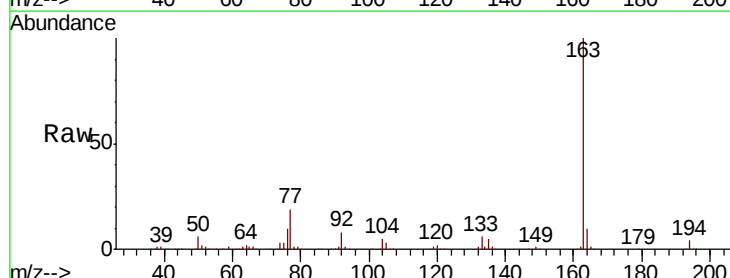
Tgt Ion:163 Resp: 883085

Ion Ratio Lower Upper

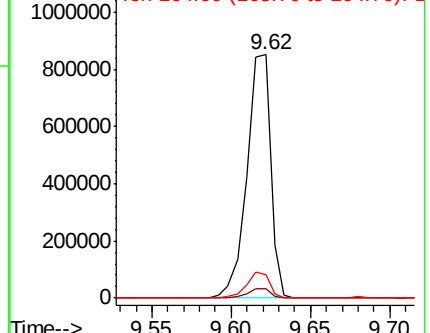
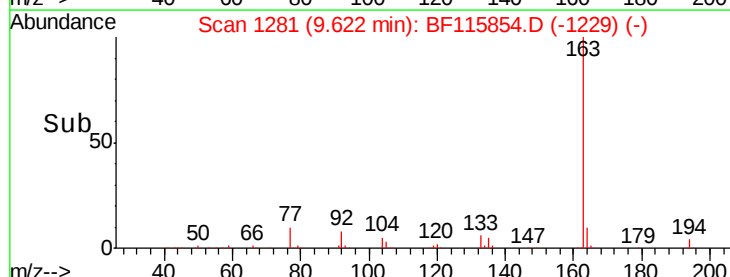
163 100

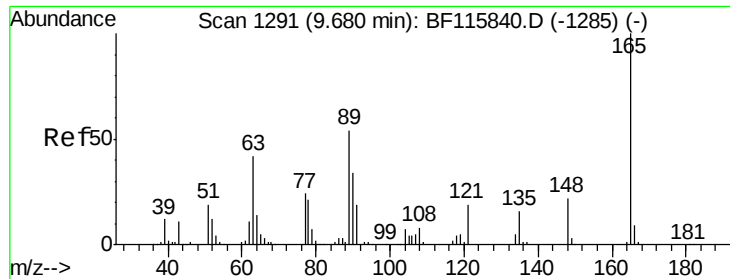
194 3.8 3.0 4.6

164 9.8 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

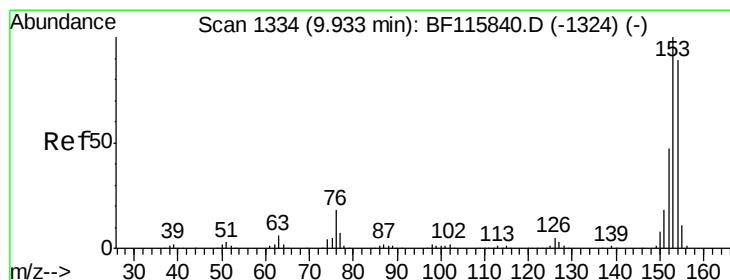
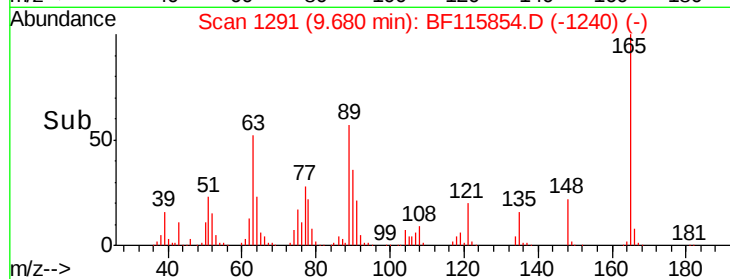
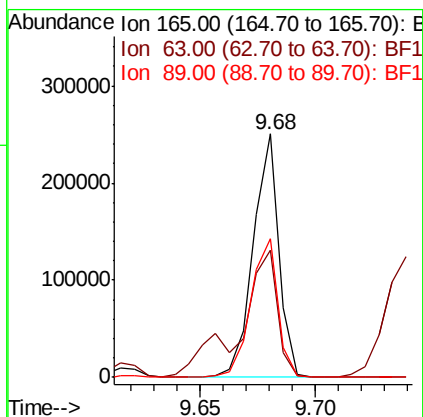
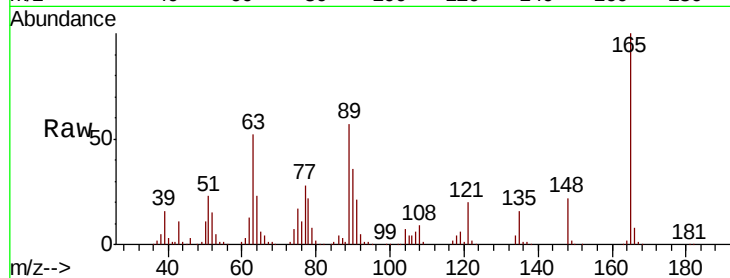




#51
2,6-Dinitrotoluene
Concen: 39.770 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

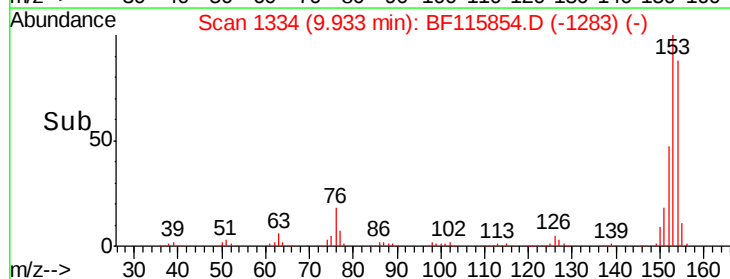
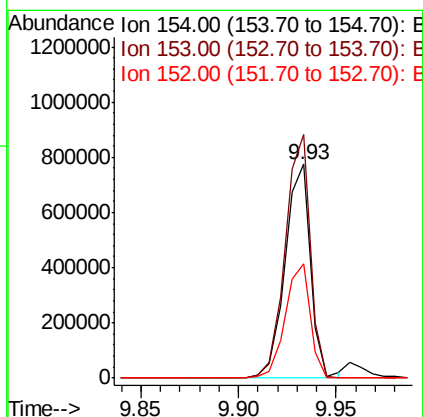
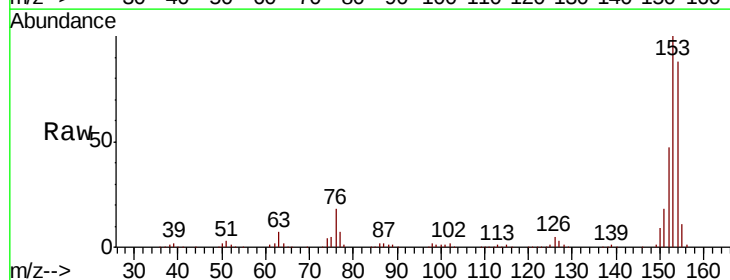
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

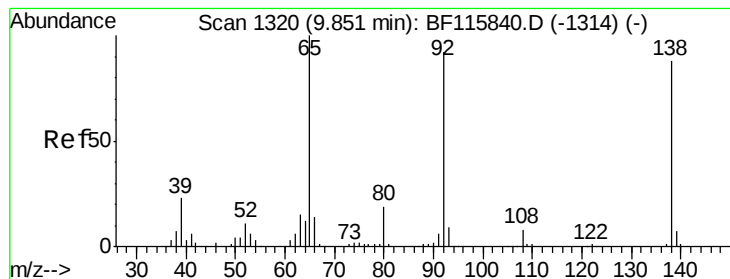
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.0	39.4	59.2
89	57.0	43.0	64.6



#52
Acenaphthene
Concen: 40.148 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.1	135.1
152	53.3	42.6	63.8





#53

3-Nitroaniline

Concen: 40.076 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

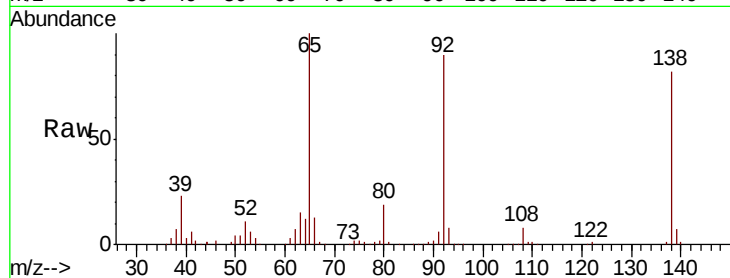
Tot Ion:138 Resp: 242211

Ion Ratio Lower Upper

138 100

108 9.6 7.4 11.2

92 109.8 83.9 125.9

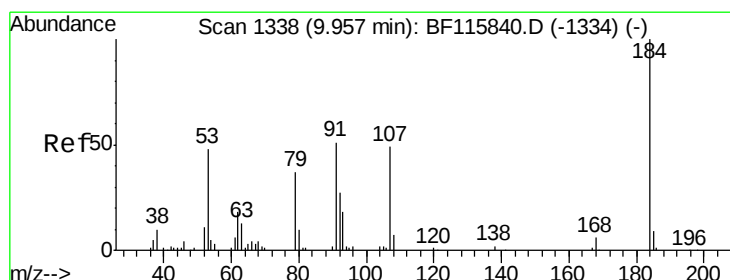
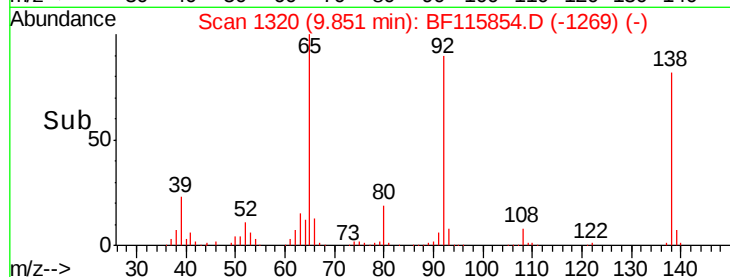
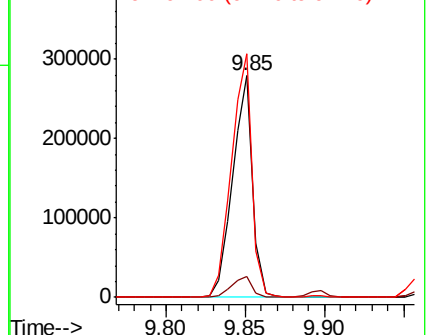


Abundance

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: 36.436 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

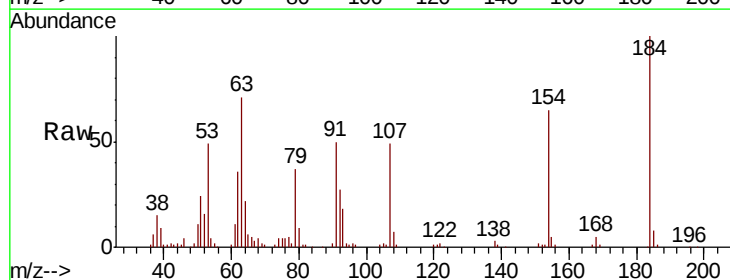
Tgt Ion:184 Resp: 78917

Ion Ratio Lower Upper

184 100

63 70.9 56.7 85.1

154 64.9 51.9 77.9

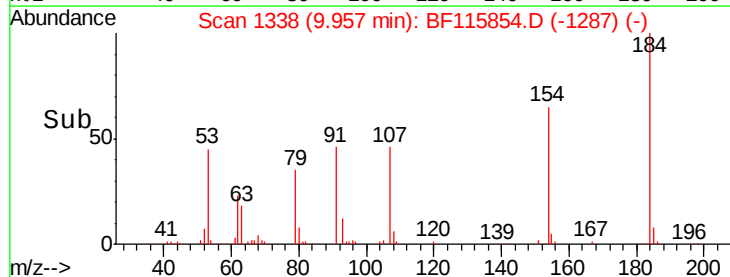
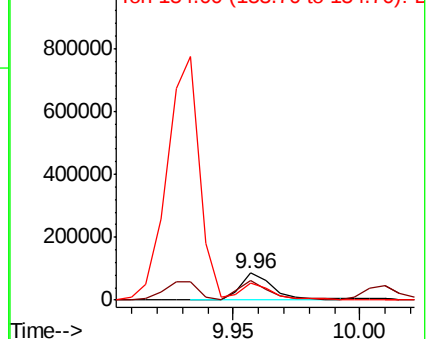


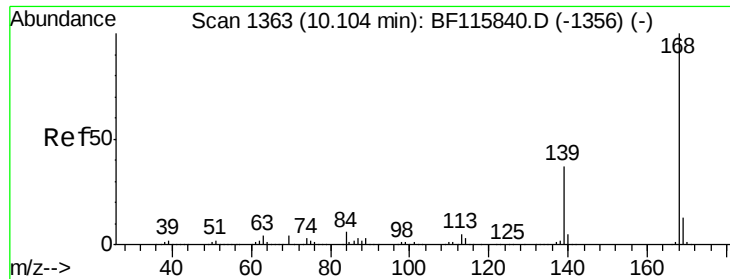
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

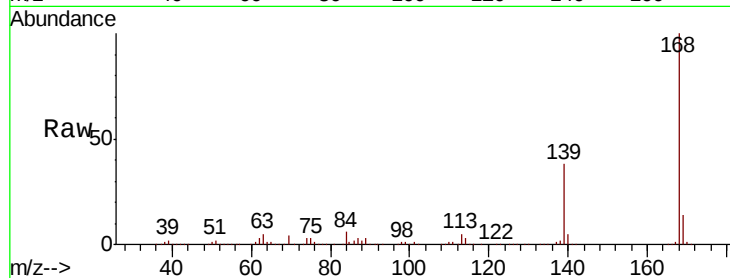




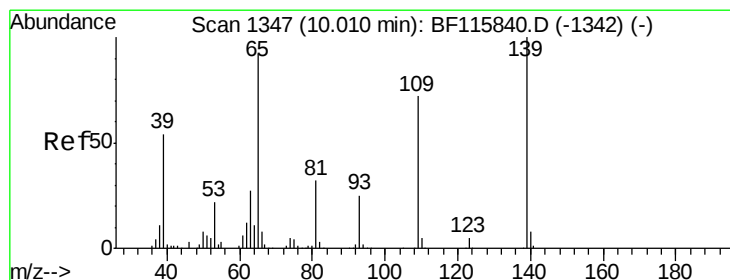
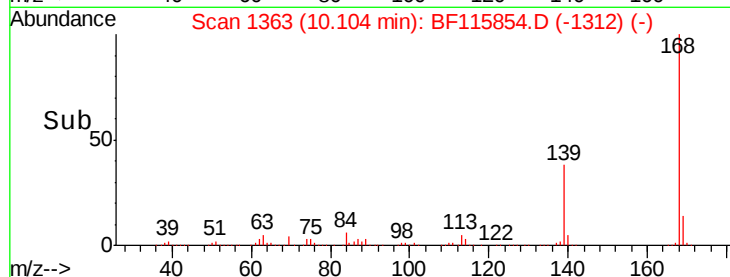
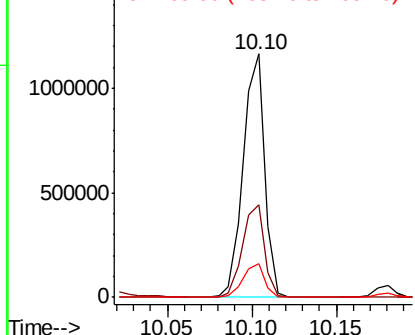
#55
Dibenzenofuran
Concen: 40.811 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1031774
Ion Ratio Lower Upper
168 100
139 38.1 30.2 45.2
169 13.6 10.8 16.2

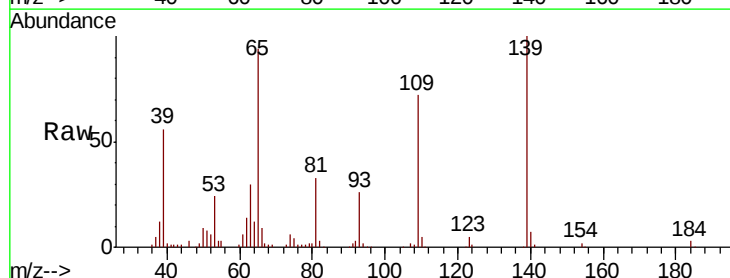


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

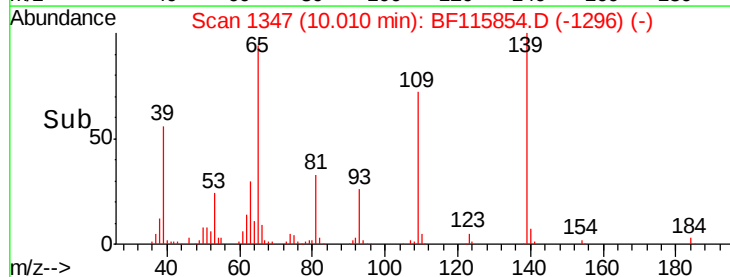
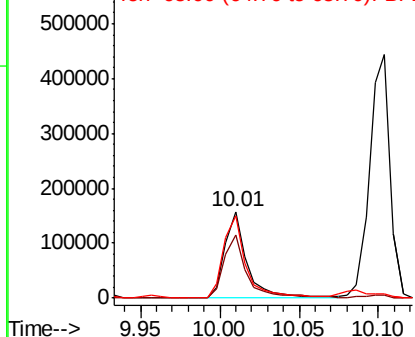


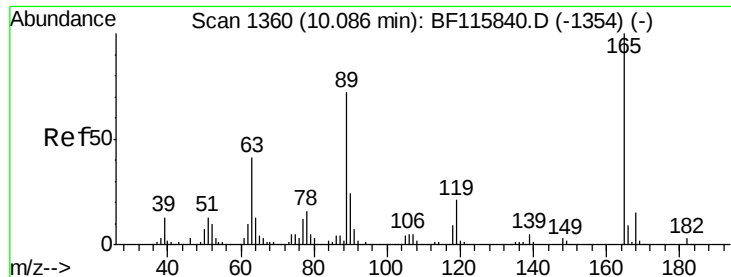
#56
4-Nitrophenol
Concen: 40.468 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Tgt Ion:139 Resp: 156680
Ion Ratio Lower Upper
139 100
109 72.3 52.0 92.0
65 94.2 72.6 112.6



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

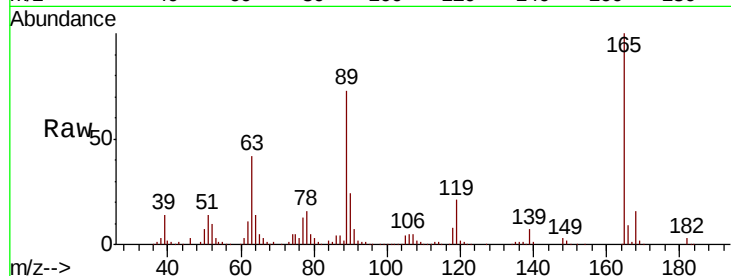




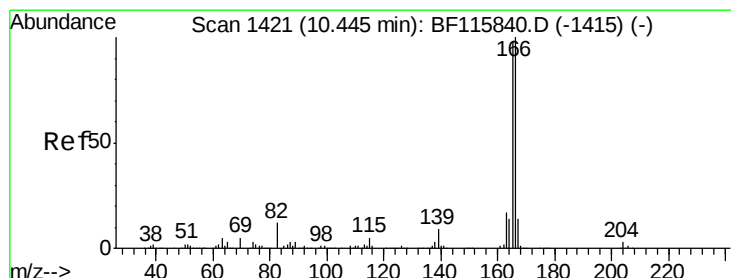
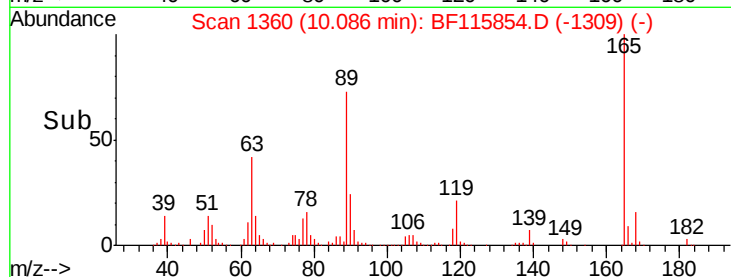
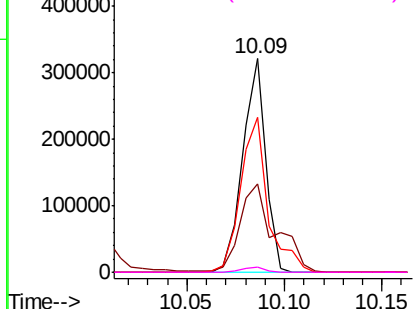
#57
2,4-Dinitrotoluene
Concen: 40.205 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	165	Resp:	261829
Ion	Ratio	Lower	Upper
165	100		
63	41.6	33.2	49.8
89	72.5	57.3	85.9
182	2.5	2.1	3.1

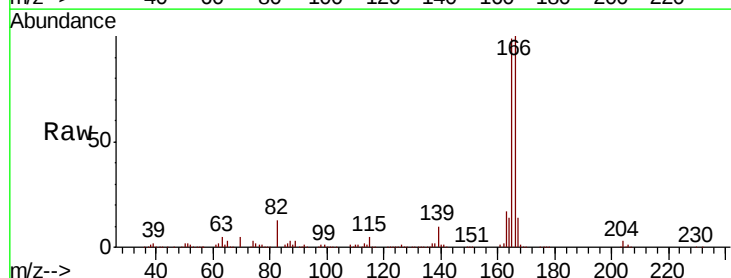


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

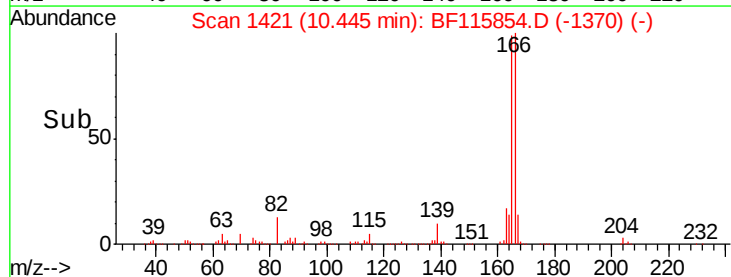
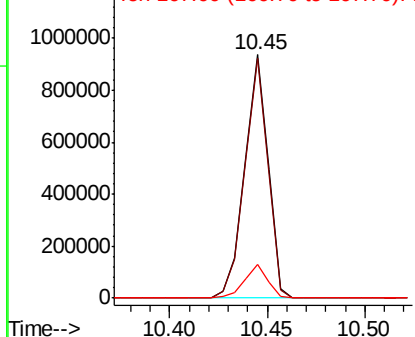


#58
Fluorene
Concen: 40.034 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Tgt Ion:	166	Resp:	778717
Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	118.0
167	13.7	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

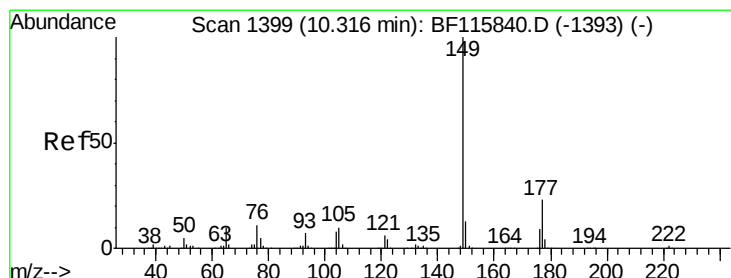
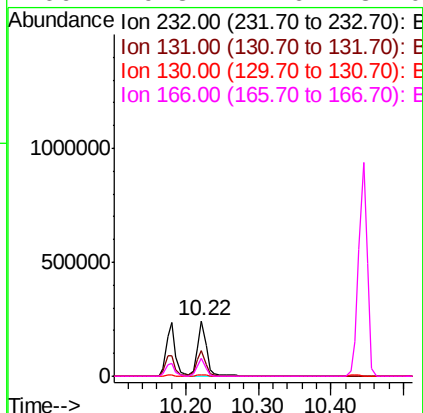
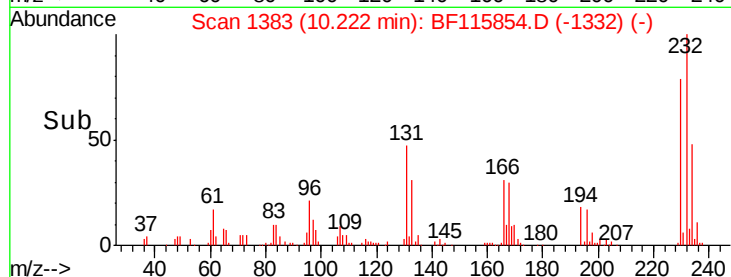
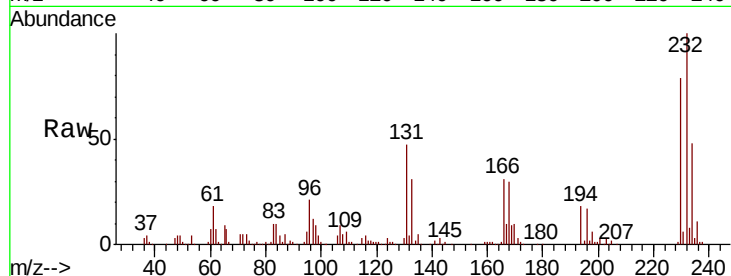




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.887 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

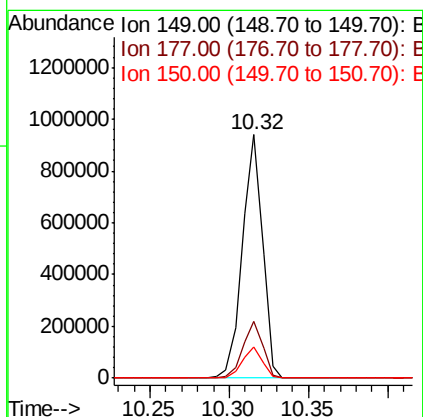
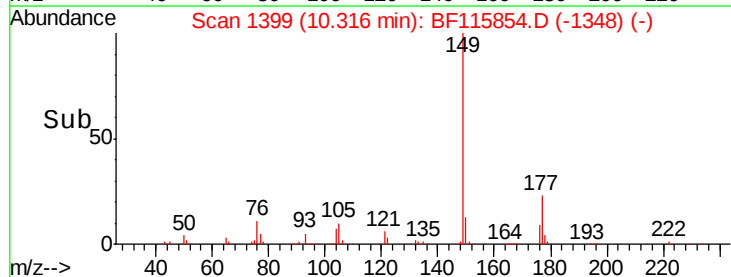
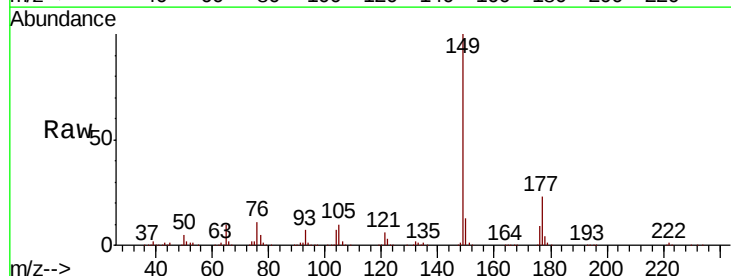
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

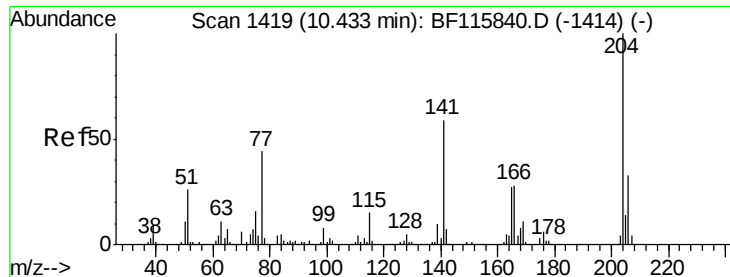
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.8	37.6	56.4
130	2.4	1.8	2.8
166	29.3	24.6	37.0



#60
Diethylphthalate
Concen: 39.282 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.4	27.6
150	12.8	10.1	15.1

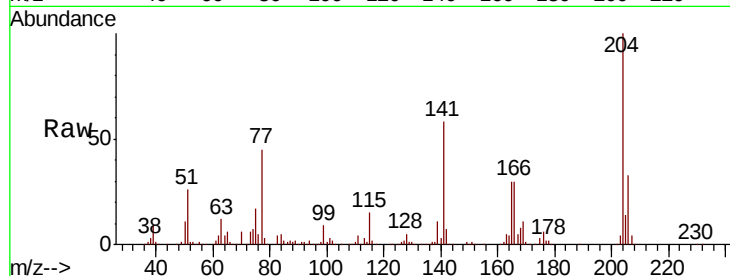




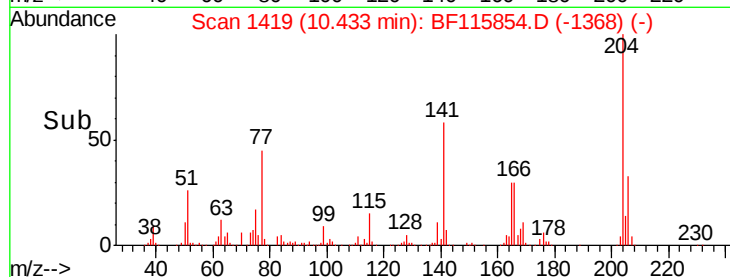
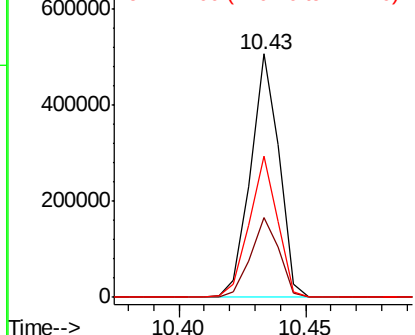
#61
4-Chlorophenyl-phenylether
Concen: 40.334 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 397333
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 58.2 47.0 70.4

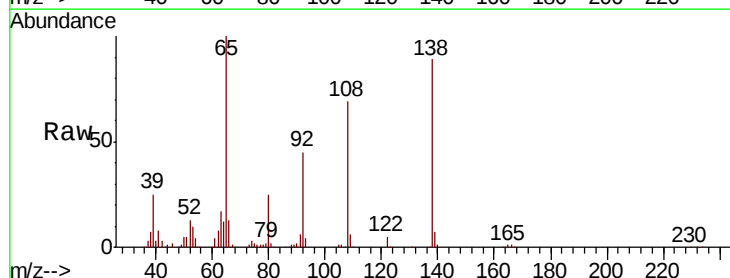


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

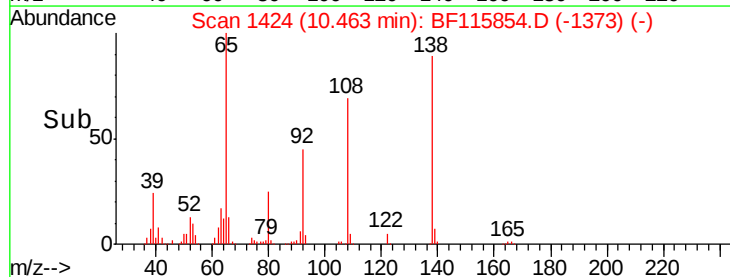
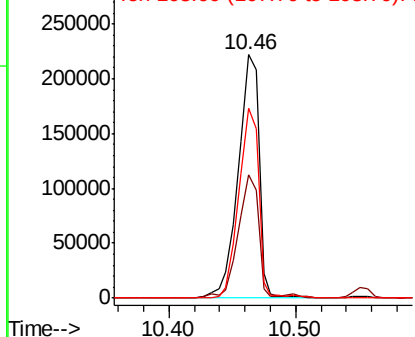


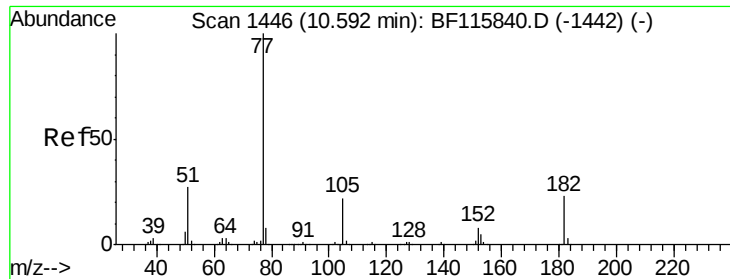
#62
4-Nitroaniline
Concen: 40.405 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Tgt Ion:138 Resp: 252367
Ion Ratio Lower Upper
138 100
92 50.5 31.0 71.0
108 77.9 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: 39.551 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 854858

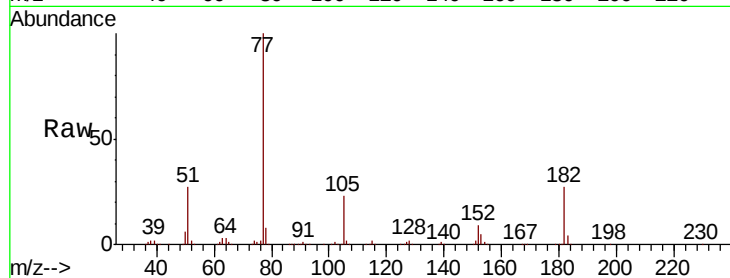
Ion Ratio Lower Upper

77 100

182 27.0 2.6 42.6

105 22.6 1.6 41.6

51 26.5 7.4 47.4

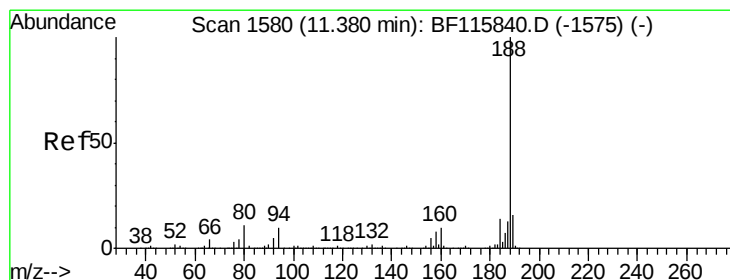
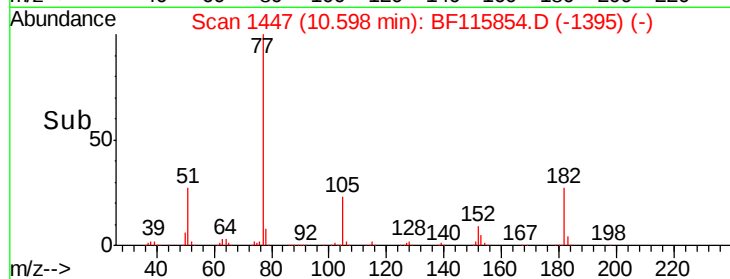
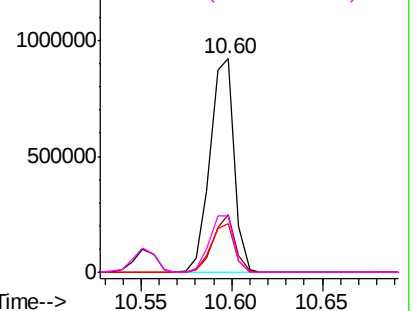


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

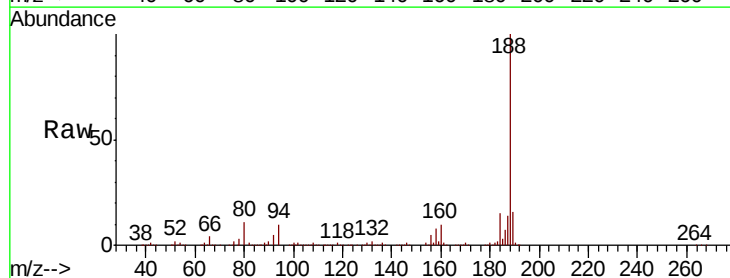
Tgt Ion: 188 Resp: 571442

Ion Ratio Lower Upper

188 100

94 9.8 8.0 12.0

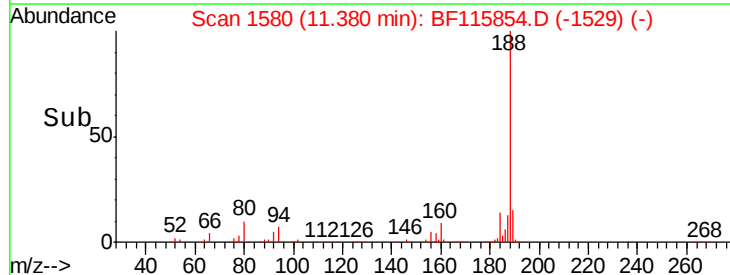
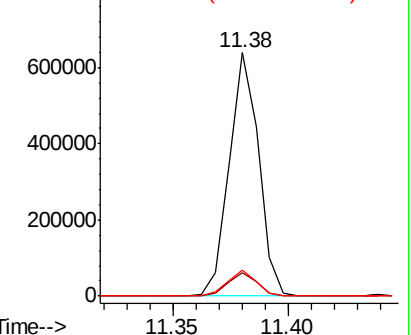
80 10.7 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 39.546 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

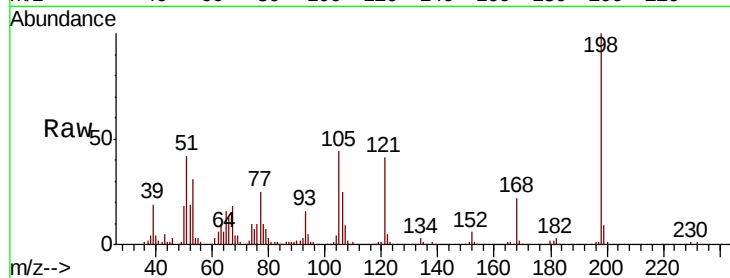
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 119756

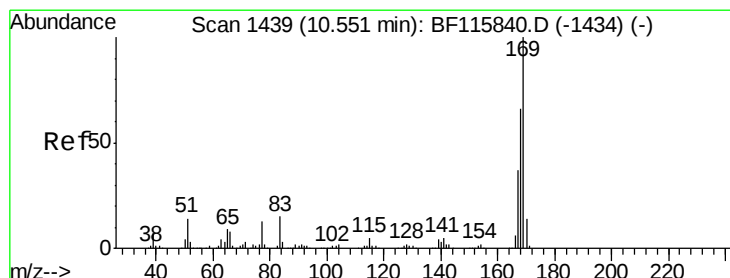
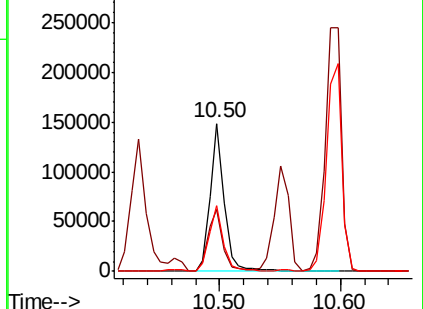
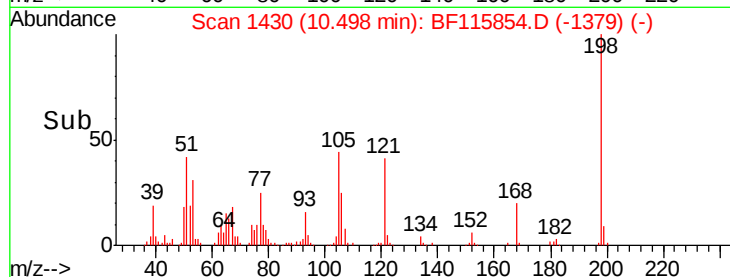
Ion	Ratio	Lower	Upper
198	100		
51	41.7	21.1	61.1
105	44.2	24.5	64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.516 ng

RT: 10.55 min Scan# 1439

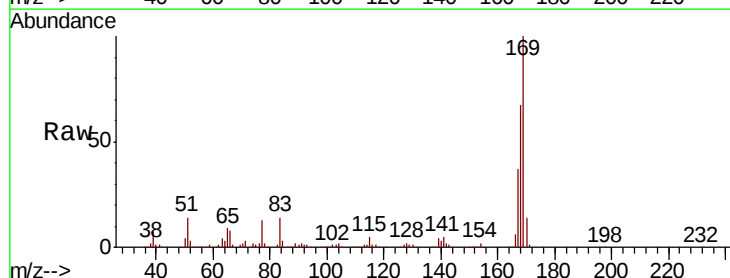
Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Tgt Ion:169 Resp: 696870

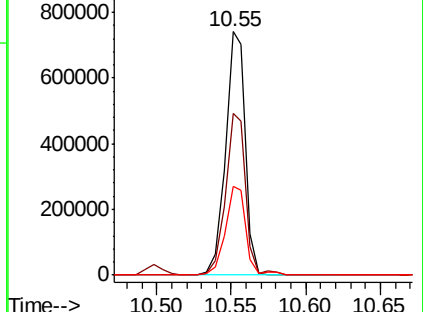
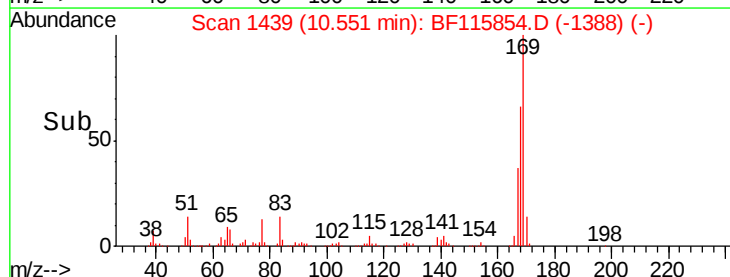
Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.0	79.6
167	36.6	29.9	44.9

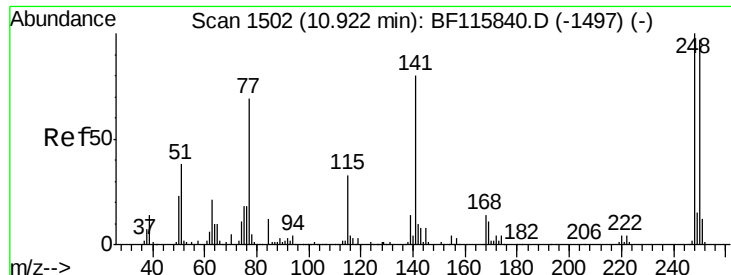


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

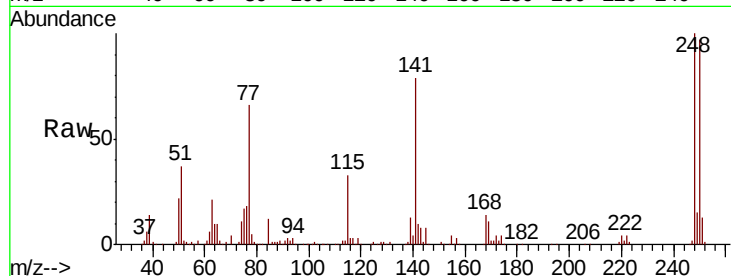




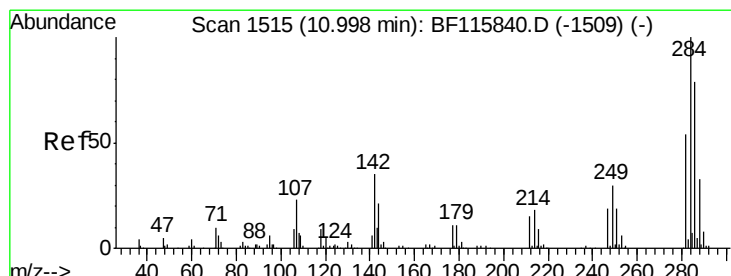
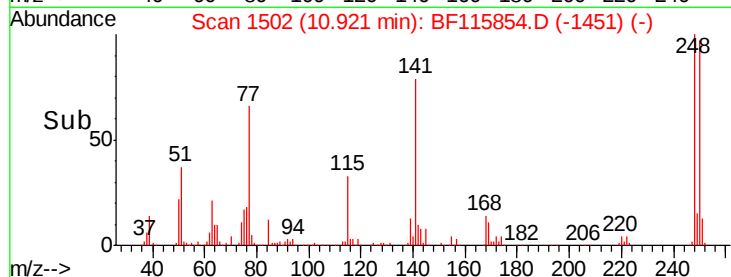
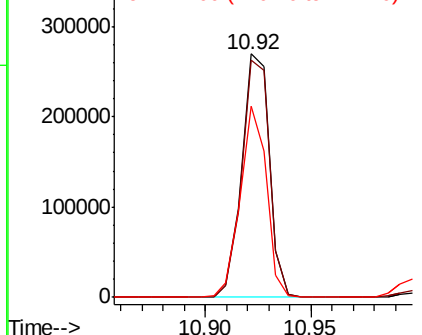
#67
4-Bromophenyl-phenylether
Concen: 39.978 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 244559
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.6
141 78.6 64.3 96.5

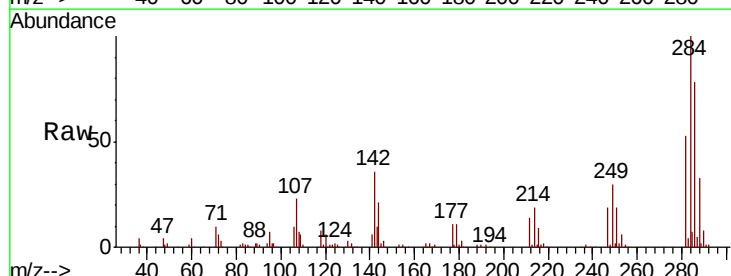


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

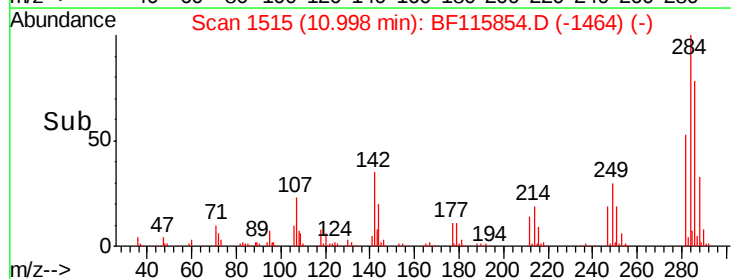
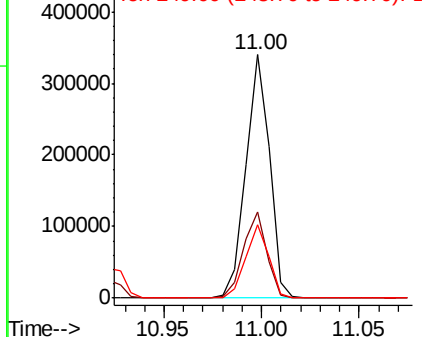


#68
Hexachlorobenzene
Concen: 40.220 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Tgt Ion:284 Resp: 284504
Ion Ratio Lower Upper
284 100
142 35.5 28.2 42.2
249 30.3 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

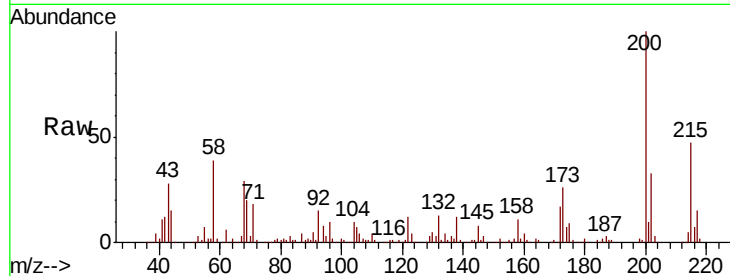




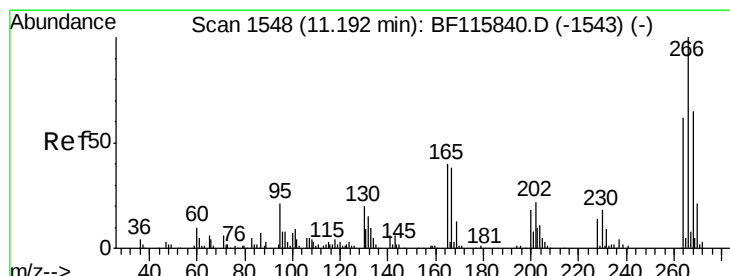
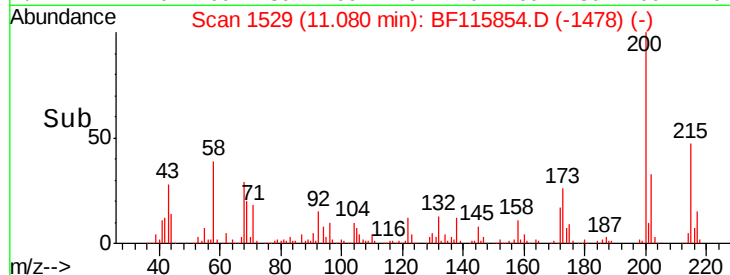
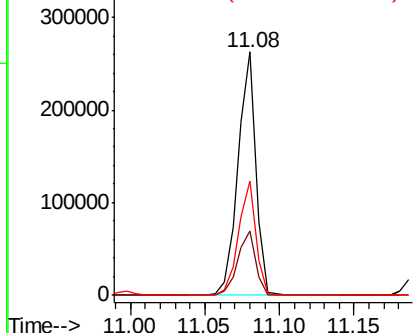
#69
Atrazine
Concen: 39.006 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:200 Resp: 220711
Ion Ratio Lower Upper
200 100
173 26.4 7.3 47.3
215 46.8 26.9 66.9

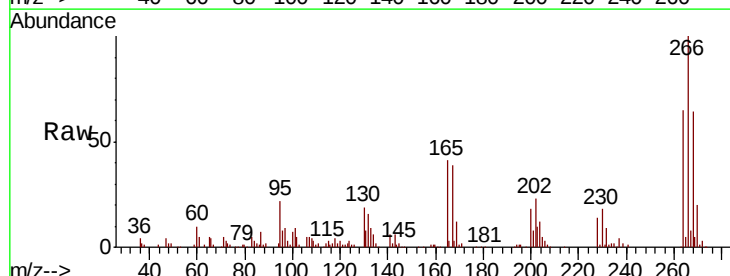


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

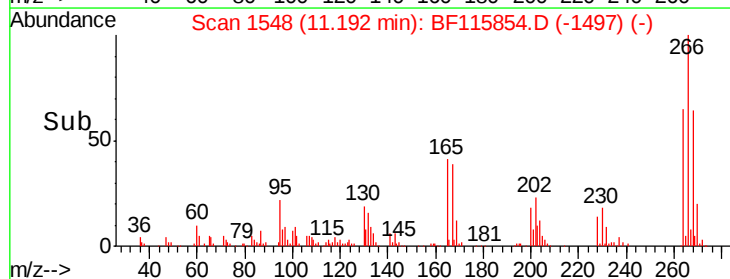
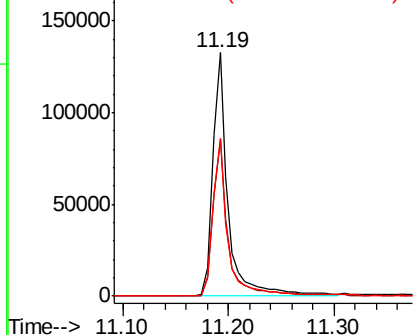


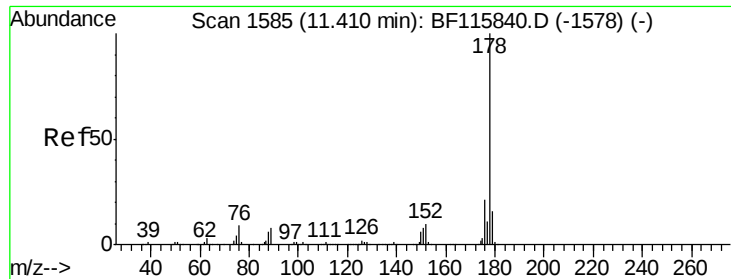
#70
Pentachlorophenol
Concen: 39.887 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Tgt Ion:266 Resp: 136982
Ion Ratio Lower Upper
266 100
268 64.2 51.6 77.4
264 64.7 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: 40.267 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

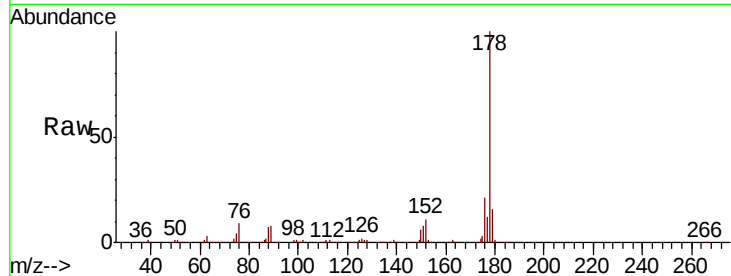
Tot Ion:178 Resp: 1176334

Ion Ratio Lower Upper

178 100

176 20.8 16.5 24.7

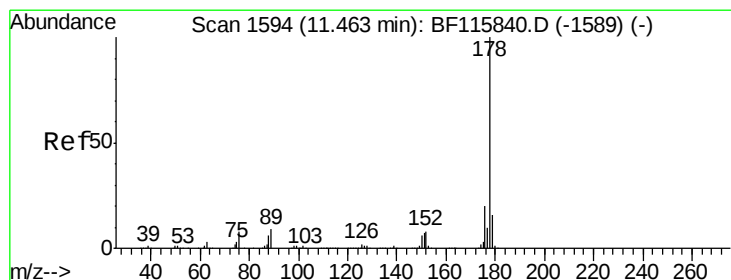
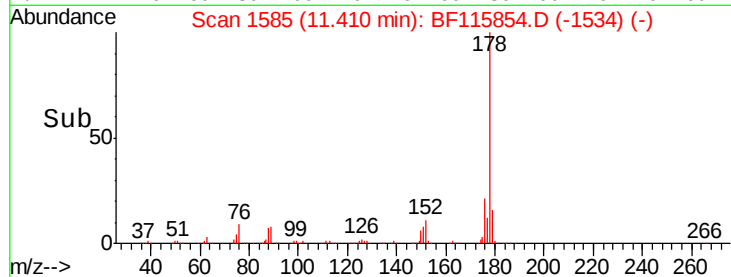
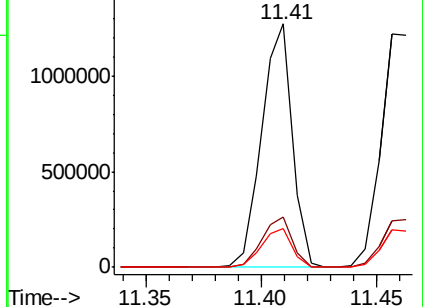
179 15.9 12.6 18.8



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: 39.901 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

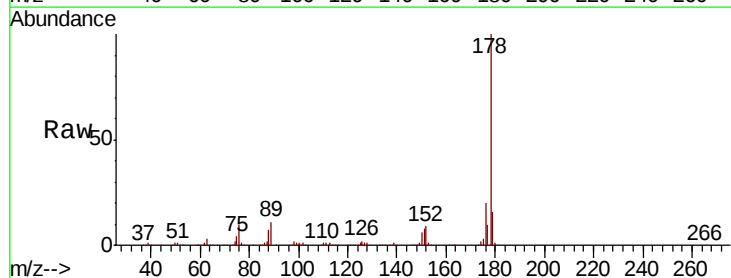
Tgt Ion:178 Resp: 1179677

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

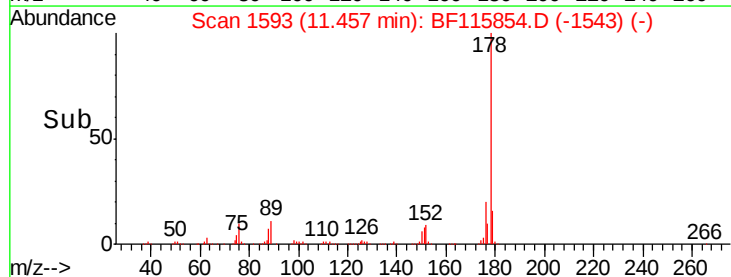
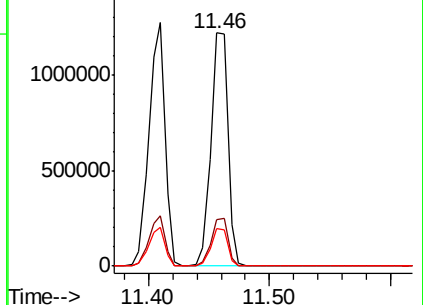
179 16.3 12.4 18.6

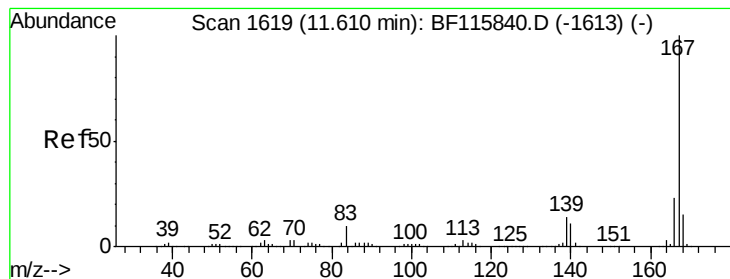


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.701 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

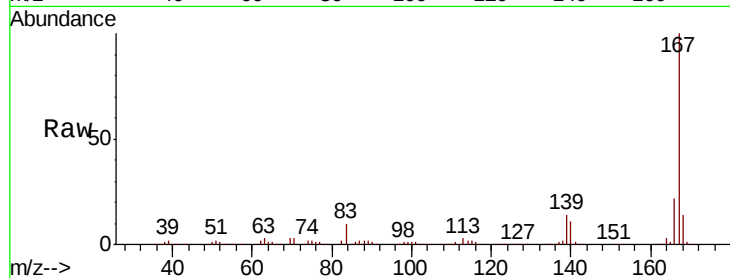
Tot Ion:167 Resp: 1091729

Ion Ratio Lower Upper

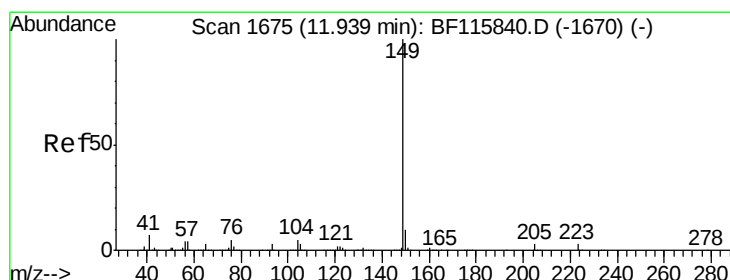
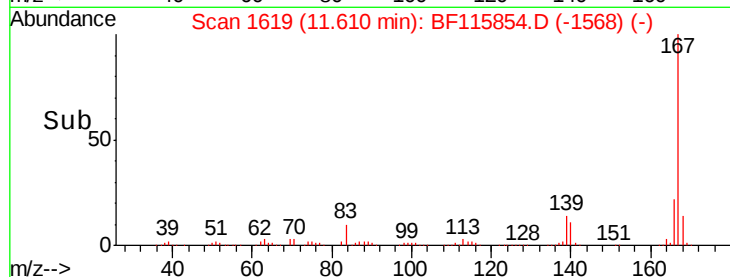
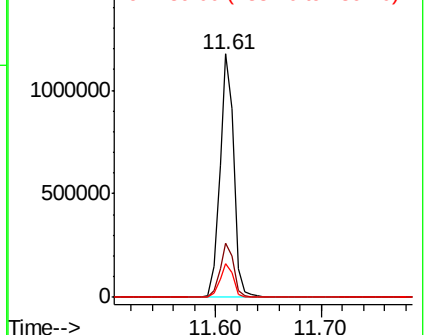
167 100

166 22.1 18.0 27.0

139 13.9 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: 38.944 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

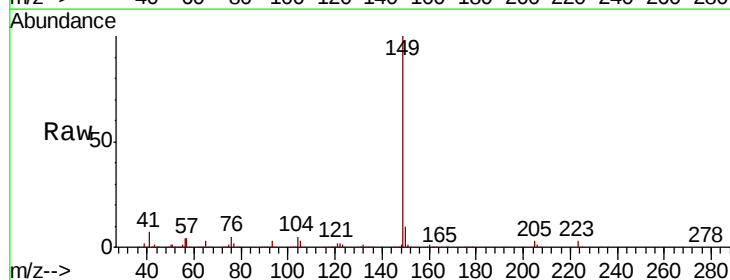
Tgt Ion:149 Resp: 1218567

Ion Ratio Lower Upper

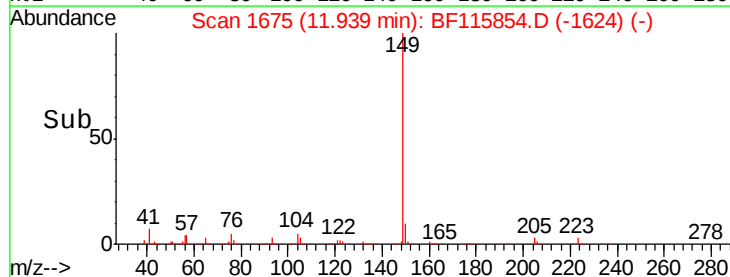
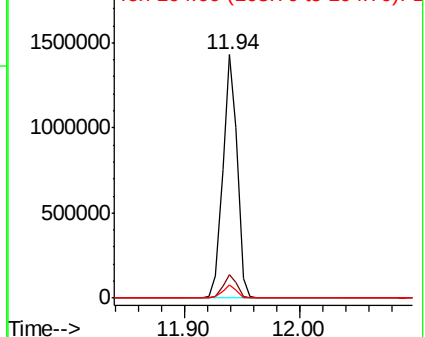
149 100

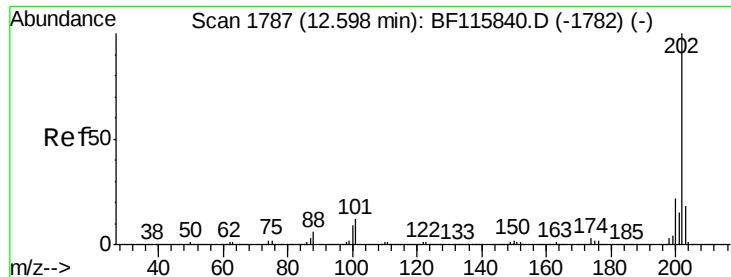
150 9.9 7.7 11.5

104 5.3 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

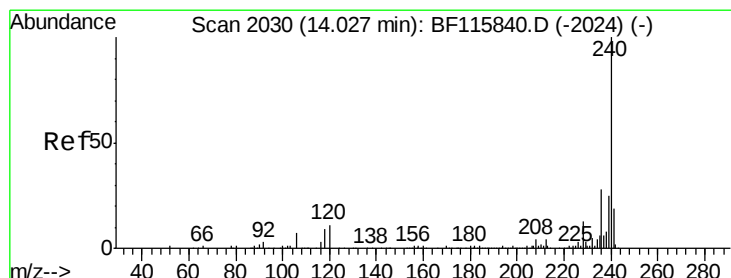
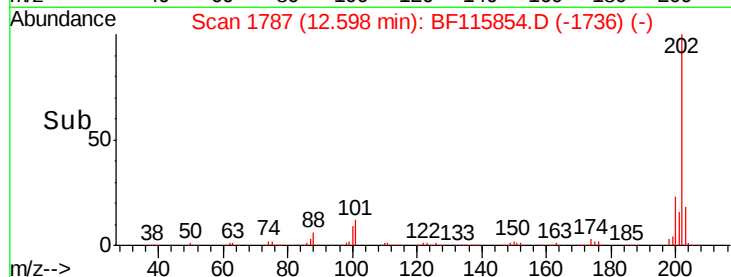
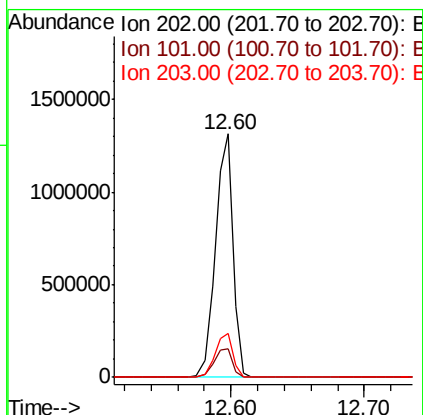
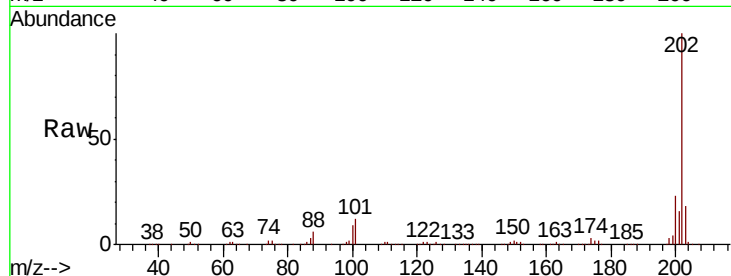




#75
 Fluoranthene
 Concen: 39.802 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BF115854.D
 Acq: 31 Jul 2019 7:59

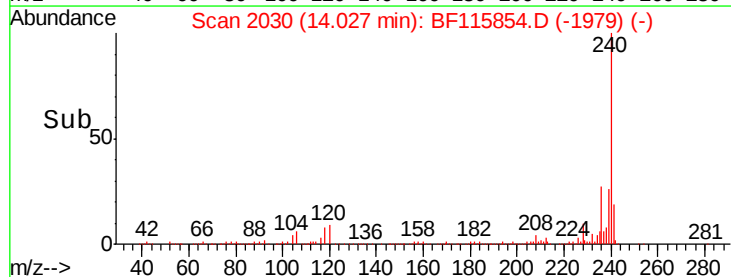
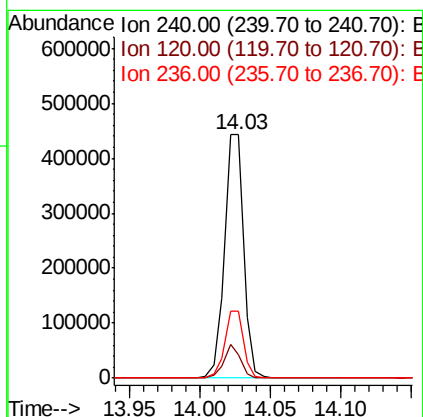
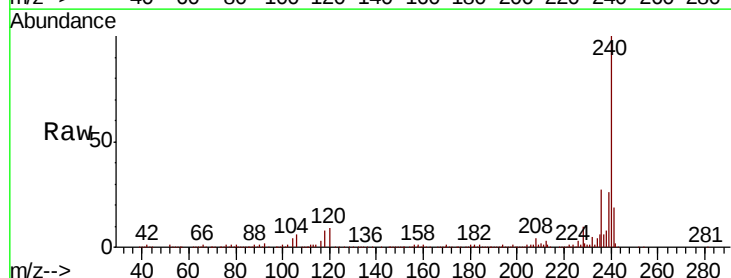
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1217295
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 31.5
 203 18.0 0.0 37.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF115854.D
 Acq: 31 Jul 2019 7:59

Tgt Ion:240 Resp: 419553
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.5 12.7
 236 27.5 22.2 33.2





#77

Benzidine

Concen: 42.558 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

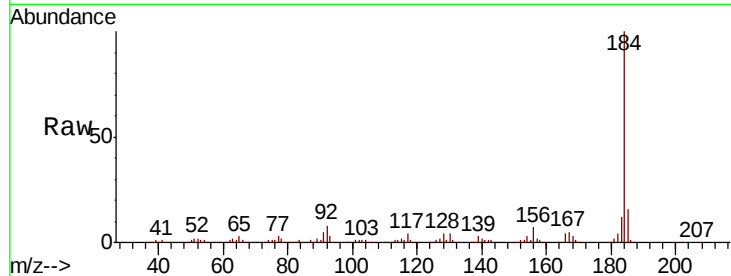
Tot Ion:184 Resp: 603222

Ion Ratio Lower Upper

184 100

185 16.3 13.4 20.2

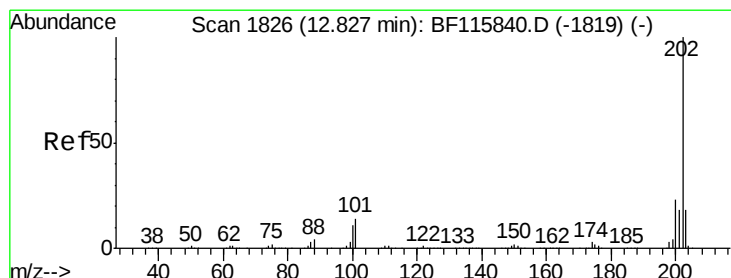
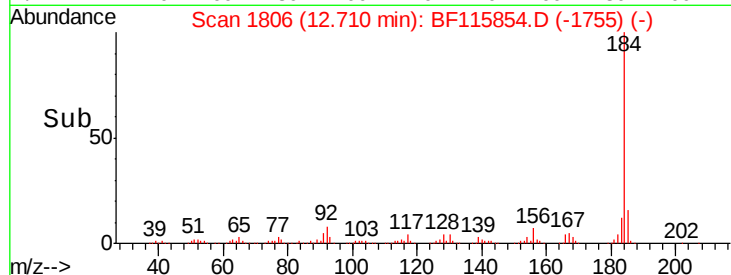
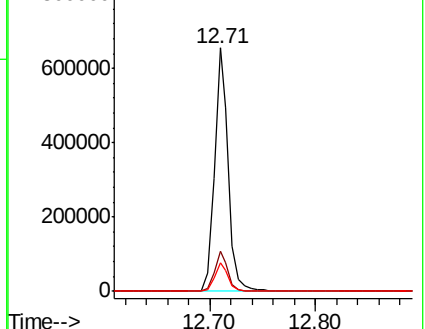
183 11.5 9.1 13.7



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: 39.543 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

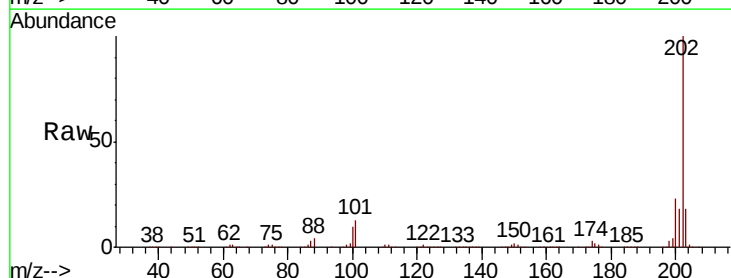
Tgt Ion:202 Resp: 1250615

Ion Ratio Lower Upper

202 100

200 22.6 18.2 27.2

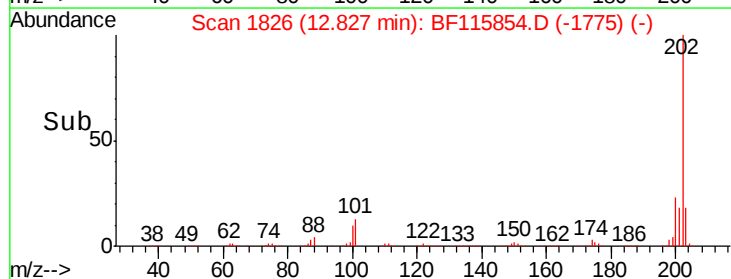
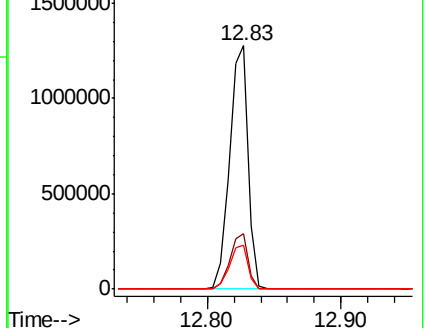
203 17.9 14.3 21.5



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: 78.285 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

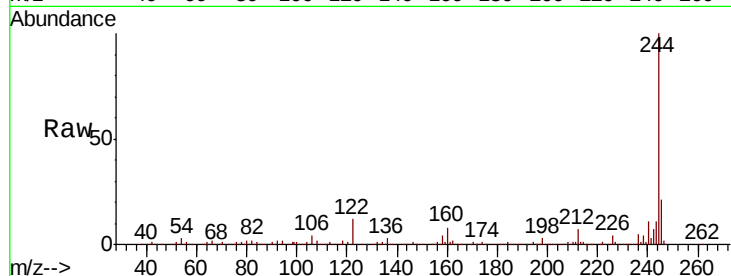
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1558707

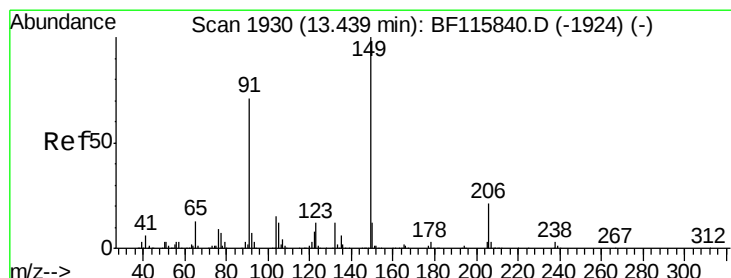
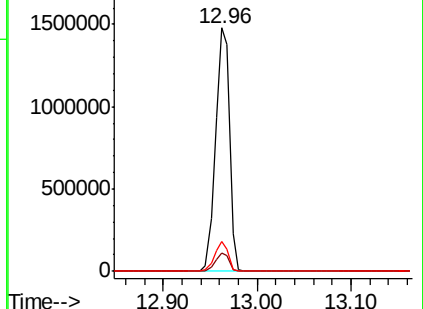
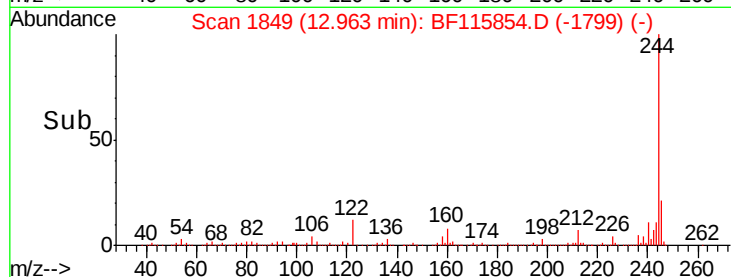
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	12.3	8.6	13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.604 ng

RT: 13.43 min Scan# 1929

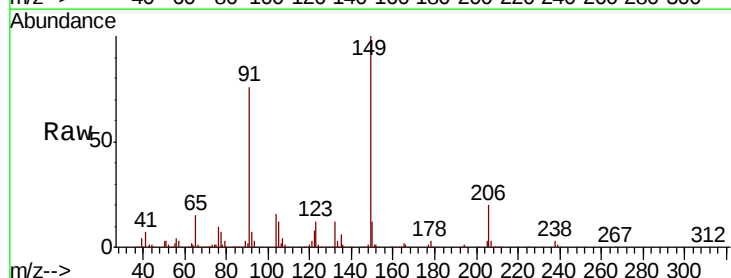
Delta R.T. -0.01 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Tgt Ion:149 Resp: 516451

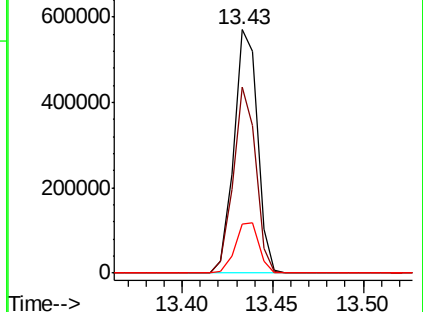
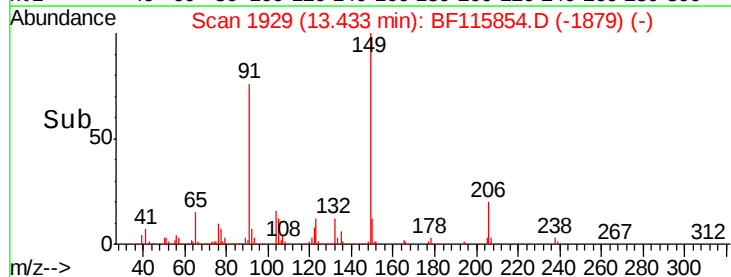
Ion	Ratio	Lower	Upper
149	100		
91	76.2	57.0	85.6
206	20.3	16.9	25.3

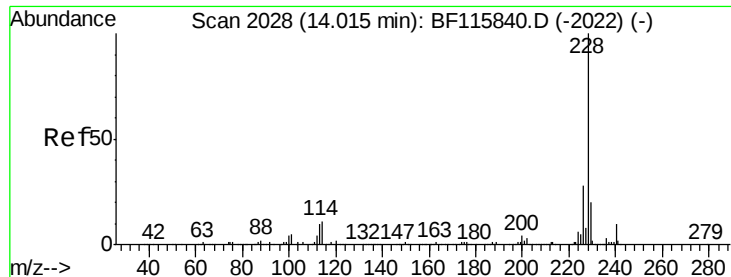


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.282 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

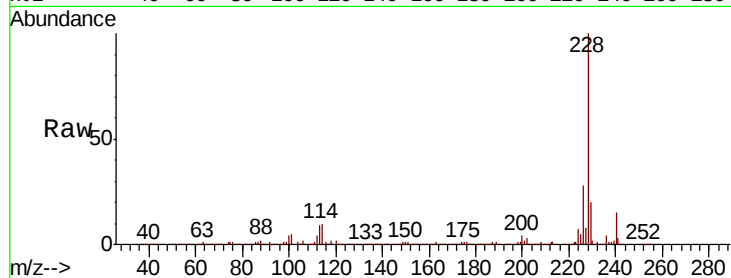
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1080219

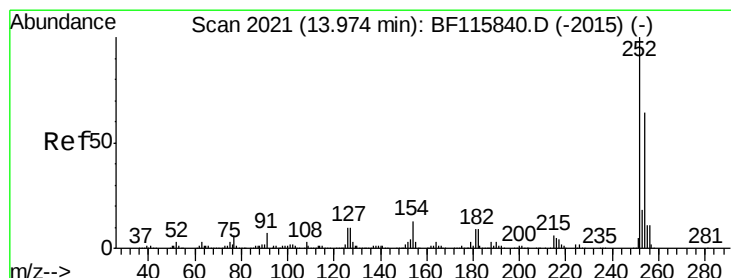
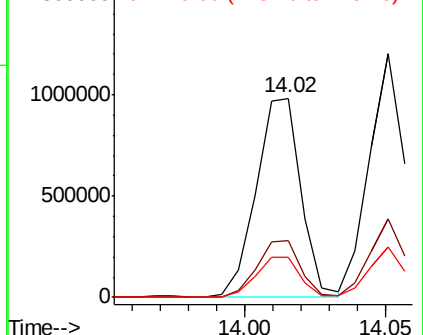
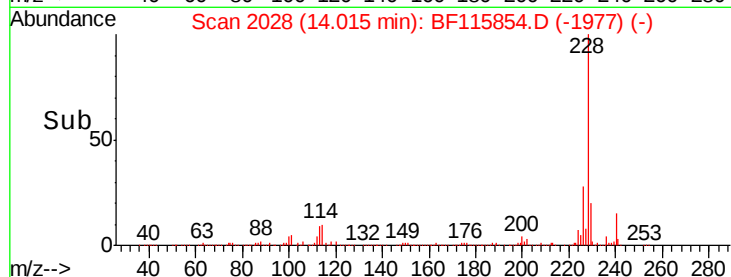
Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.5	33.7
229	20.2	16.1	24.1



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: 41.309 ng

RT: 13.97 min Scan# 2020

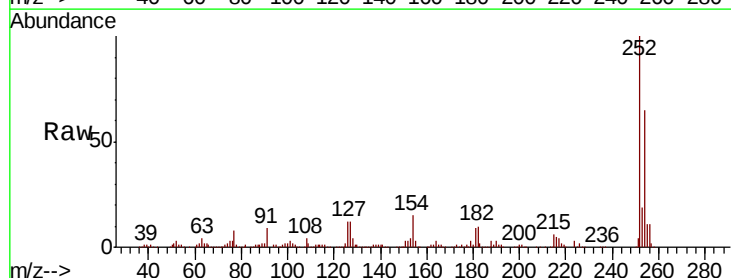
Delta R.T. -0.01 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Tgt Ion:252 Resp: 384857

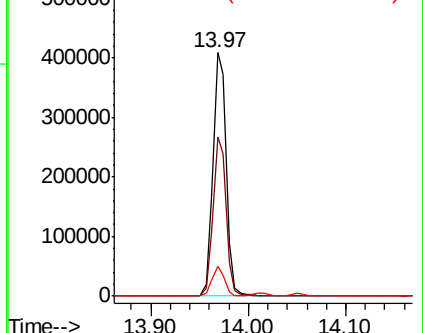
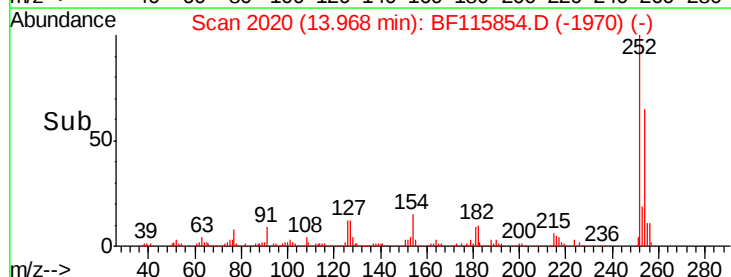
Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.2	76.8
126	12.2	8.1	12.1#

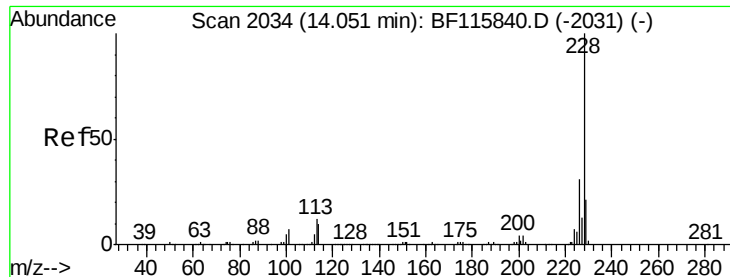


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.951 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

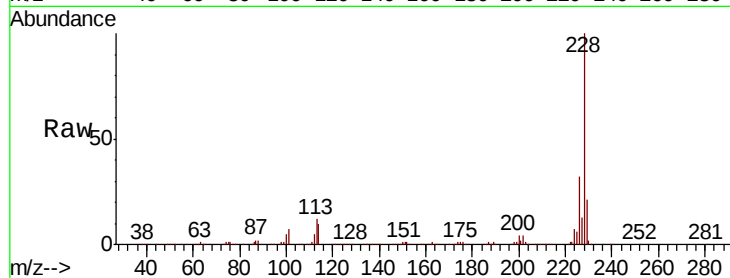
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1040116

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.8	37.2
229	20.5	16.4	24.6

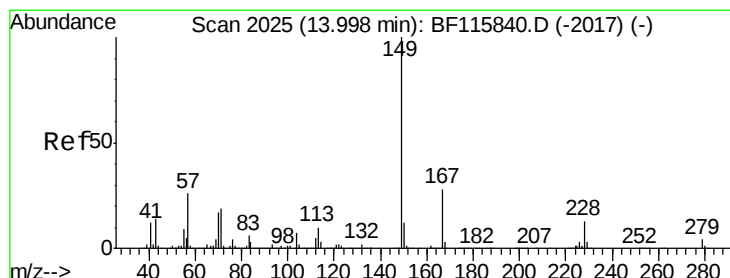
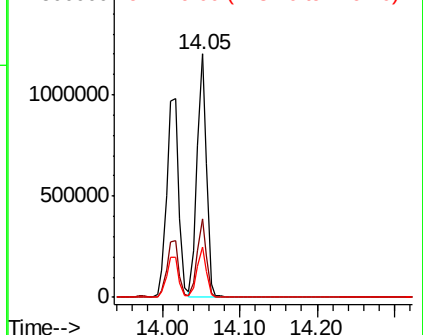
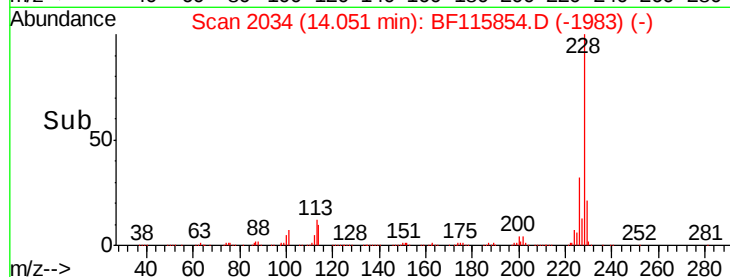


Abundance

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: 38.238 ng

RT: 14.00 min Scan# 2025

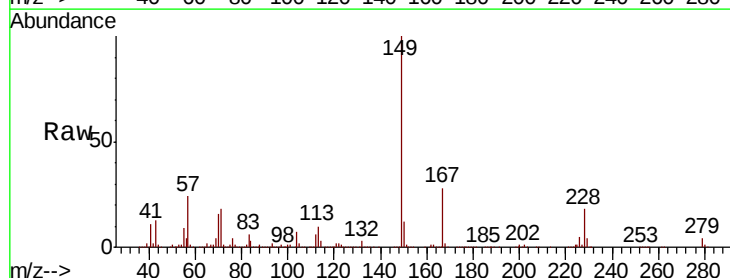
Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Tgt Ion:149 Resp: 664760

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.4	33.6
279	4.4	3.3	4.9

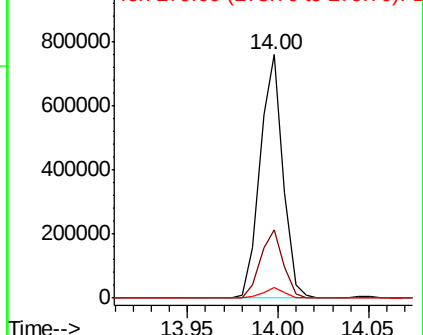
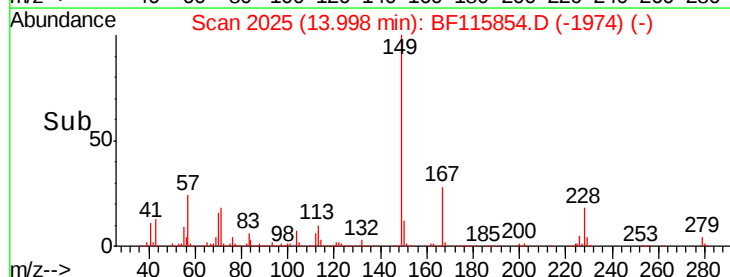


Abundance

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: 38.280 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

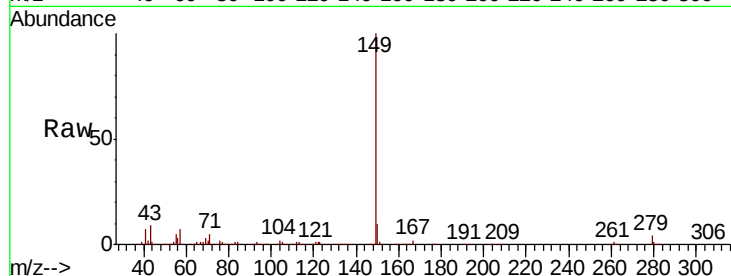
Tot Ion:149 Resp: 1057047

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

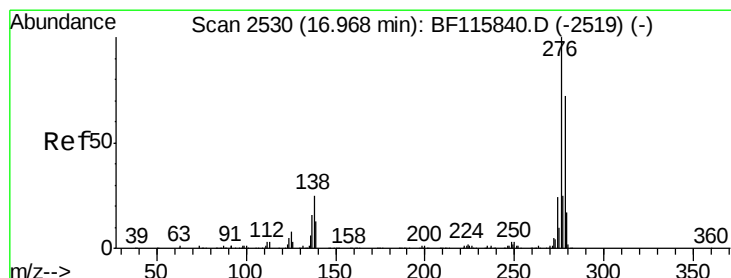
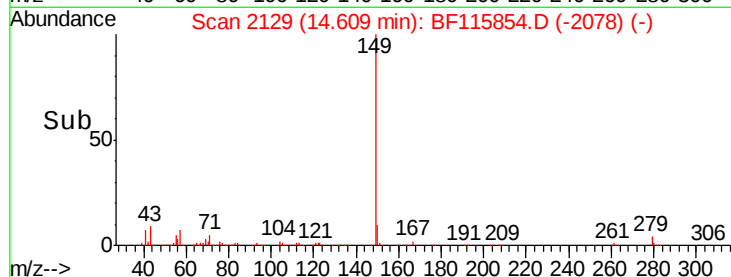
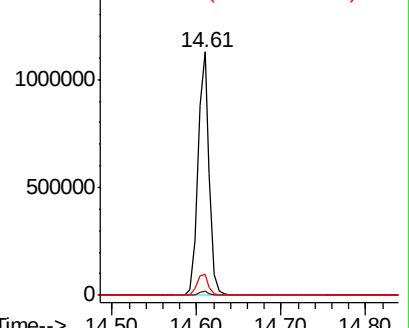
43 9.3 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.811 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

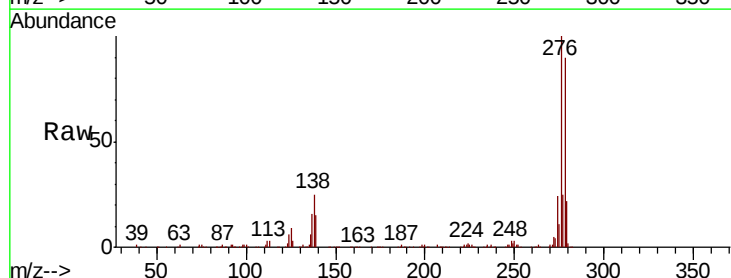
Tgt Ion:276 Resp: 804922

Ion Ratio Lower Upper

276 100

138 24.4 19.6 29.4

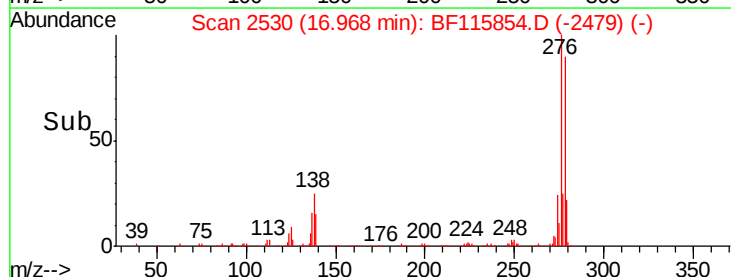
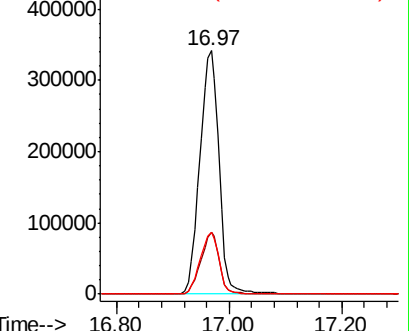
277 24.9 20.1 30.1

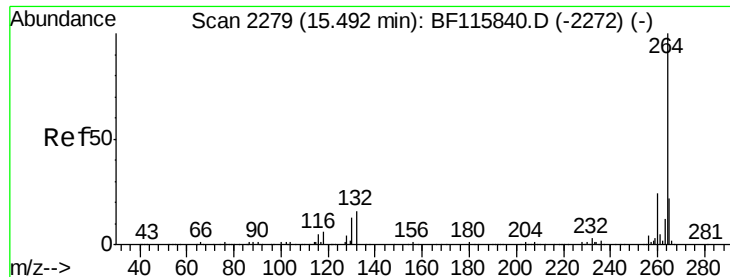


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

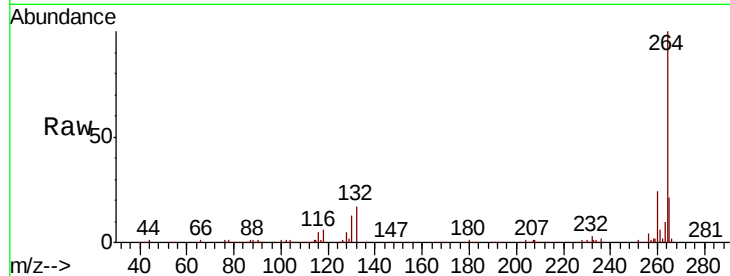
Tot Ion:264 Resp: 380290

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

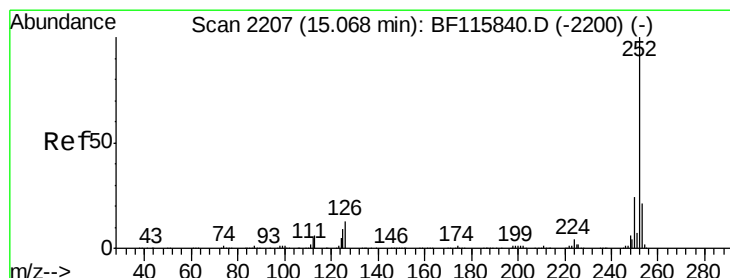
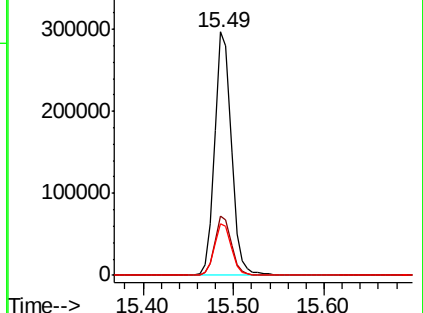
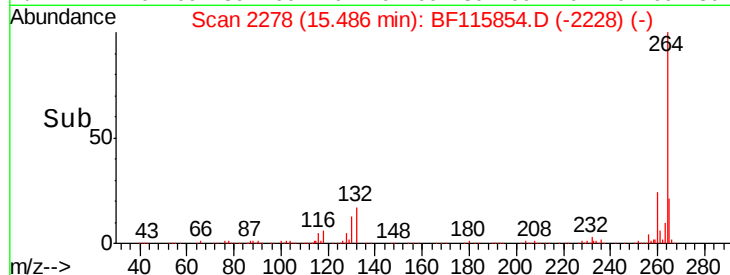
265 21.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.741 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

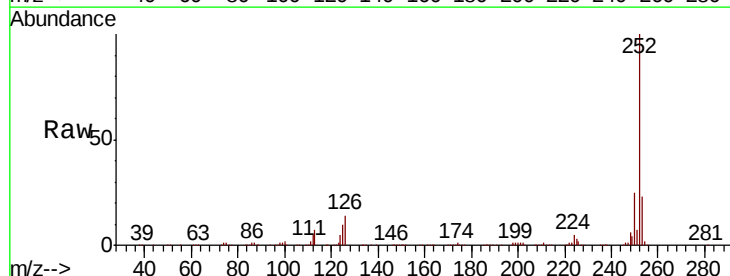
Tgt Ion:252 Resp: 873862

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

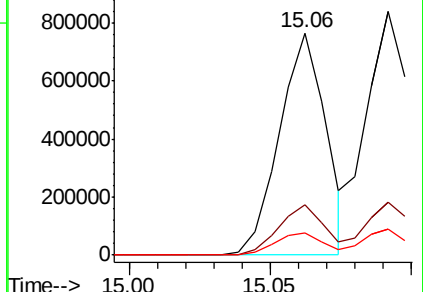
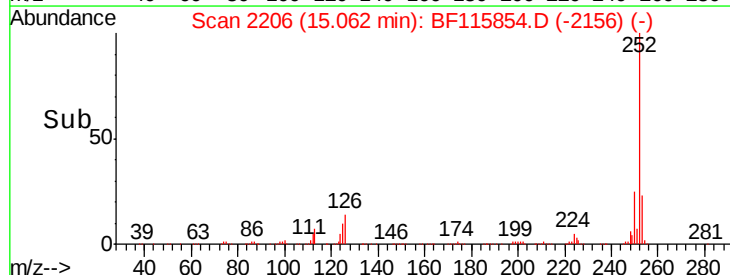
125 10.1 7.4 11.0

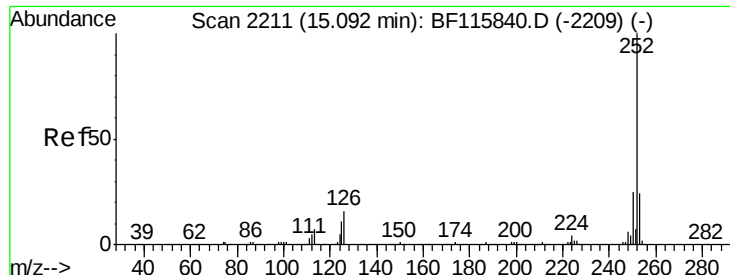


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

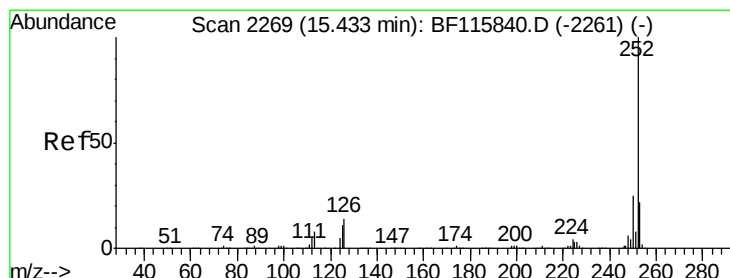
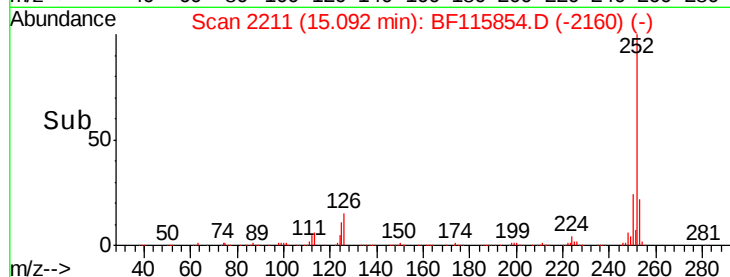
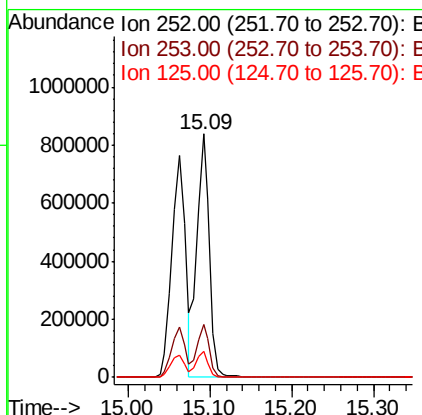
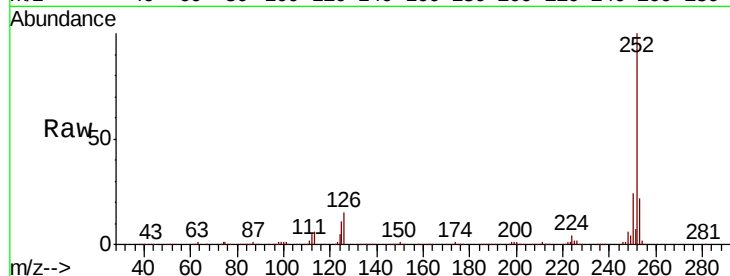




#89
Benzo(k)fluoranthene
Concen: 41.754 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

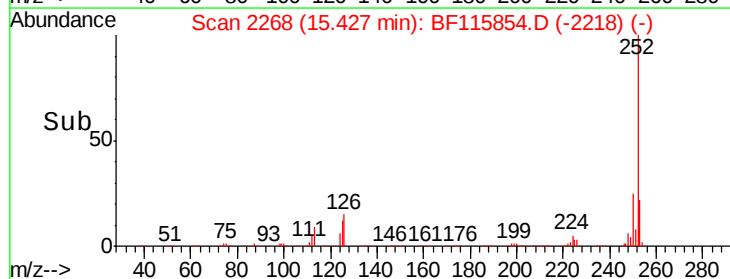
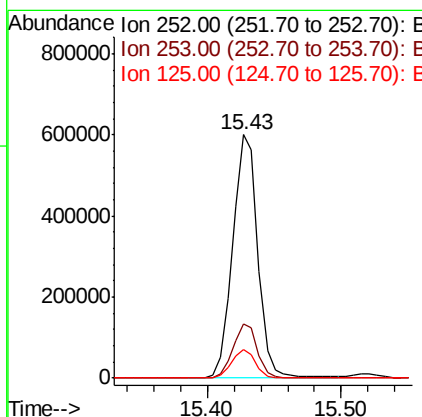
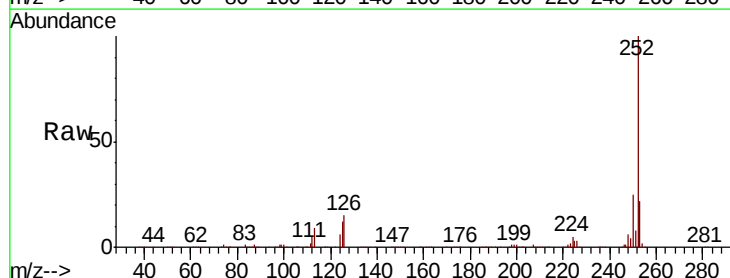
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	10.5	8.9	13.3



#90
Benzo(a)pyrene
Concen: 40.101 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF115854.D
Acq: 31 Jul 2019 7:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.7	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 38.565 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Instrument :

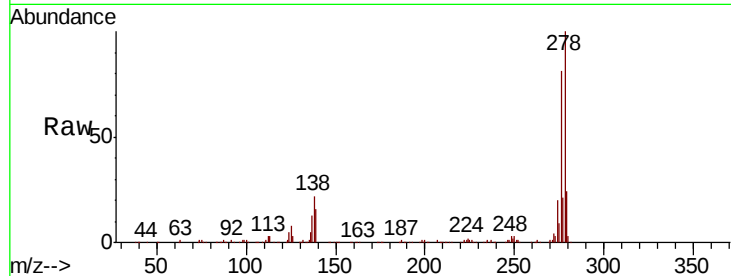
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 656177

Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.6	19.0
279	24.0	18.8	28.2

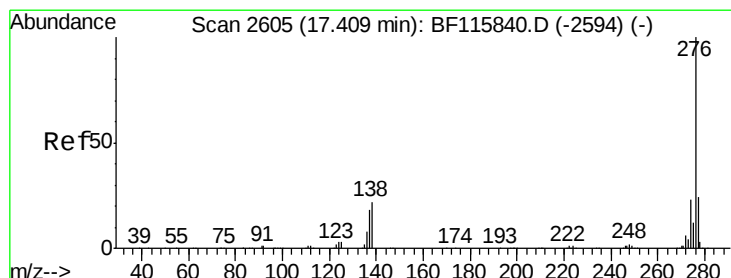
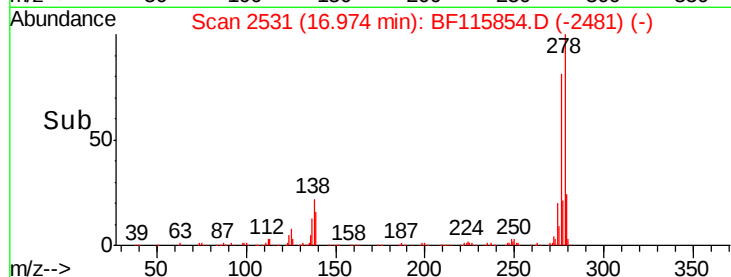
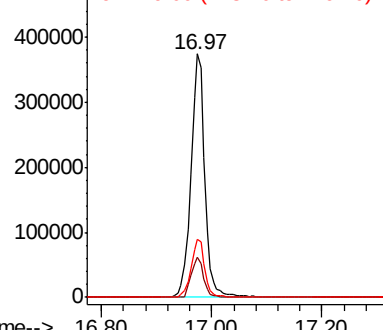


Abundance

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: 38.172 ng

RT: 17.41 min Scan# 2605

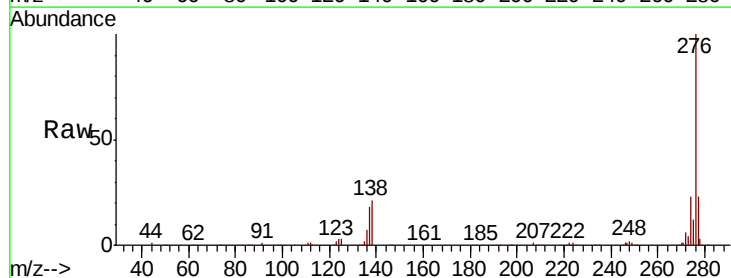
Delta R.T. -0.00 min

Lab File: BF115854.D

Acq: 31 Jul 2019 7:59

Tgt Ion:276 Resp: 637860

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.5	29.3
138	21.0	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

