

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115753.D
 Acq On : 25 Jul 2019 11:33
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 25 13:17:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	161190	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	688995	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	350273	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	670981	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	467907	20.00	ng	-0.02
87) Perylene-d12	15.50	264	452285	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	777729	78.92	ng	-0.01
7) Phenol-d6	6.50	99	993332	79.44	ng	-0.01
23) Nitrobenzene-d5	7.43	82	915594	77.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	304879	74.57	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1580785	78.99	ng	-0.02
79) Terphenyl-d14	12.98	244	1811605	71.44	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	185987	37.836	ng	97
3) Pyridine	3.42	79	516469	38.726	ng	99
4) n-Nitrosodimethylamine	3.36	42	204432	42.254	ng	87
6) Aniline	6.53	93	684687	39.347	ng	99
8) 2-Chlorophenol	6.66	128	447123	39.464	ng	95
9) Benzaldehyde	6.42	77	305233	39.063	ng	99
10) Phenol	6.52	94	584349	40.257	ng	92
11) bis(2-Chloroethyl)ether	6.60	93	435816	39.435	ng	96
12) 1,3-Dichlorobenzene	6.82	146	494693	38.835	ng	100
13) 1,4-Dichlorobenzene	6.89	146	499184	39.276	ng	97
14) 1,2-Dichlorobenzene	7.05	146	462900	39.842	ng	97
15) Benzyl Alcohol	7.02	79	384754	38.788	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	602363	41.400	ng	97
17) 2-Methylphenol	7.13	107	384558	39.386	ng	98
18) Hexachloroethane	7.39	117	185842	39.394	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	319205	39.142	ng	96
20) 3+4-Methylphenols	7.28	107	441651	38.081	ng	# 87
22) Acetophenone	7.28	105	589680	37.884	ng	# 99
24) Nitrobenzene	7.46	77	508277	39.770	ng	100
25) Isophorone	7.69	82	900062	37.960	ng	99
26) 2-Nitrophenol	7.77	139	250200	38.034	ng	97
27) 2,4-Dimethylphenol	7.80	122	353215	35.886	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	572550	39.362	ng	98
29) 2,4-Dichlorophenol	8.02	162	395518	38.638	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	435649	37.650	ng	98
31) Naphthalene	8.17	128	1300101	38.962	ng	97
32) Benzoic acid	7.94	122	216225	26.768	ng	98
33) 4-Chloroaniline	8.22	127	576974	39.036	ng	99
34) Hexachlorobutadiene	8.30	225	253452	38.197	ng	98
35) Caprolactam	8.60	113	122158	38.619	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	414442	39.031	ng	99
37) 2-Methylnaphthalene	8.87	142	861736	38.960	ng	98
38) 1-Methylnaphthalene	8.97	142	817134	38.894	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	397695	37.703	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	249006	41.384	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	270012	35.004	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	286520	36.270	ng	96
46) 1,1'-Biphenyl	9.33	154	1039676	37.967	ng	98
47) 2-Chloronaphthalene	9.36	162	865251	37.947	ng	97
48) 2-Nitroaniline	9.45	65	277842	39.369	ng	99
49) Acenaphthylene	9.77	152	1294199	38.306	ng	98
50) Dimethylphthalate	9.63	163	1022098	38.784	ng	99
51) 2,6-Dinitrotoluene	9.69	165	224217	37.438	ng	95
52) Acenaphthene	9.95	154	795207	36.456	ng	99
53) 3-Nitroaniline	9.86	138	261541	38.215	ng	99
54) 2,4-Dinitrophenol	9.97	184	104954	34.133	ng	92
55) Dibenzofuran	10.12	168	1155920	37.316	ng	99
56) 4-Nitrophenol	10.02	139	176472	33.814	ng	93
57) 2,4-Dinitrotoluene	10.10	165	300281	38.701	ng	99
58) Fluorene	10.46	166	877841	39.641	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	247242	37.440	ng	99
60) Diethylphthalate	10.33	149	979830	39.682	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	455997	37.132	ng	96
62) 4-Nitroaniline	10.47	138	268522	40.903	ng	93
63) Azobenzene	10.61	77	978243	40.845	ng	99
65) 4,6-Dinitro-2-methylphenol	10.51	198	143899	35.102	ng	98
66) n-Nitrosodiphenylamine	10.57	169	801661	38.409	ng	98
67) 4-Bromophenyl-phenylether	10.94	248	294694	38.433	ng	96
68) Hexachlorobenzene	11.02	284	330406	37.733	ng	99
69) Atrazine	11.09	200	241328	35.245	ng	99
70) Pentachlorophenol	11.20	266	193633	36.155	ng	99
71) Phenanthrene	11.42	178	1316463	38.276	ng	98
72) Anthracene	11.47	178	1361579	38.306	ng	100
73) Carbazole	11.62	167	1242784	39.871	ng	100
74) Di-n-butylphthalate	11.95	149	1544816	40.235	ng	99
75) Fluoranthene	12.61	202	1395440	38.394	ng	100
77) Benzidine	12.72	184	626568	37.800	ng	99
78) Pyrene	12.84	202	1394659	35.181	ng	99
80) Butylbenzylphthalate	13.44	149	651595	38.557	ng	94
81) Benzo(a)anthracene	14.02	228	1194977	38.765	ng	97
82) 3,3'-Dichlorobenzidine	13.98	252	420708	38.391	ng	98
83) Chrysene	14.06	228	1155323	37.335	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	887234	42.384	ng	# 98
85) Di-n-octyl phthalate	14.62	149	1393008	41.824	ng	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	1057154	40.211	ng	99
88) Benzo(b)fluoranthene	15.07	252	1028798	35.325	ng	99
89) Benzo(k)fluoranthene	15.10	252	998497	38.455	ng	99
90) Benzo(a)pyrene	15.44	252	939477	37.532	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	874930	39.815	ng	99
92) Benzo(g,h,i)perylene	17.43	276	820369	37.432	ng	98

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

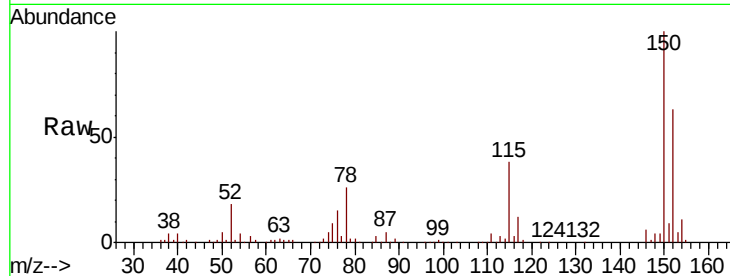


#1

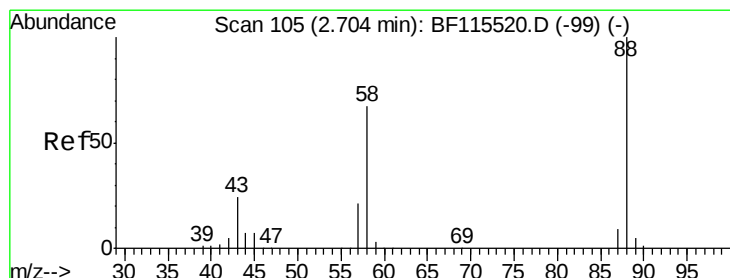
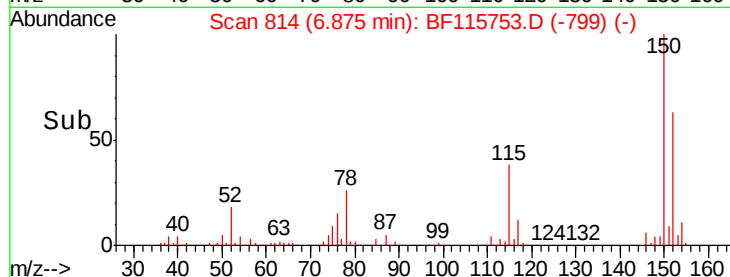
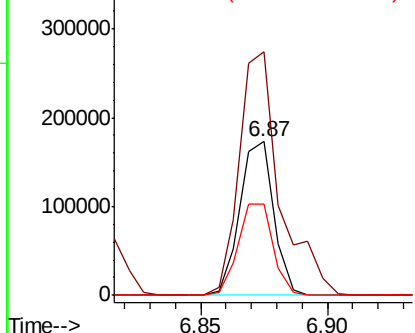
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Instrument :
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ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 161190
Ion Ratio Lower Upper
152 100
150 158.2 129.7 194.5
115 59.7 48.2 72.4



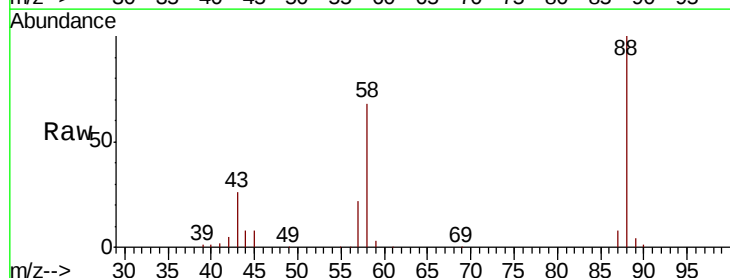
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



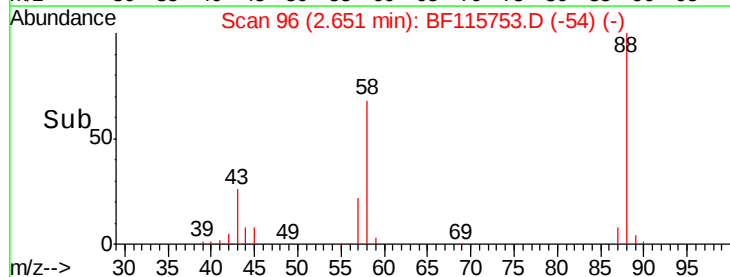
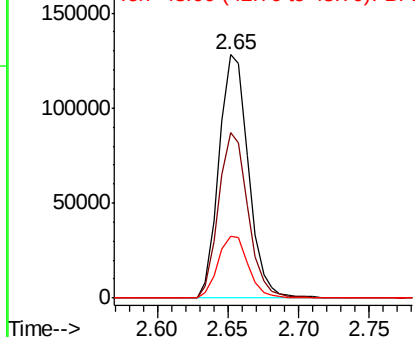
#2

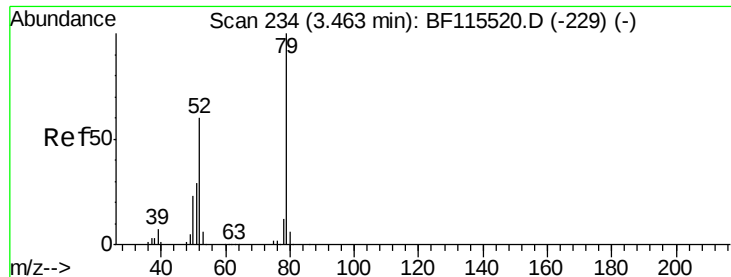
1,4-Dioxane
Concen: 37.836 ng
RT: 2.65 min Scan# 96
Delta R.T. -0.05 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion: 88 Resp: 185987
Ion Ratio Lower Upper
88 100
58 67.8 52.6 79.0
43 26.0 19.1 28.7



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





#3

Pvridine

Concen: 38.726 ng

RT: 3.42 min Scan# 226

Delta R.T. -0.05 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

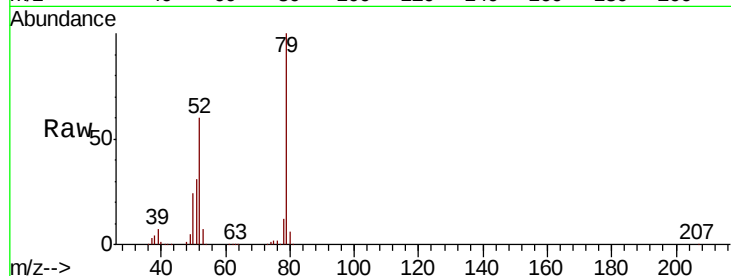
Tot Ion: 79 Resp: 516469

Ion Ratio Lower Upper

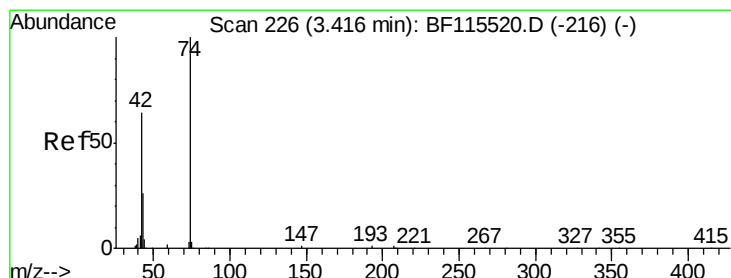
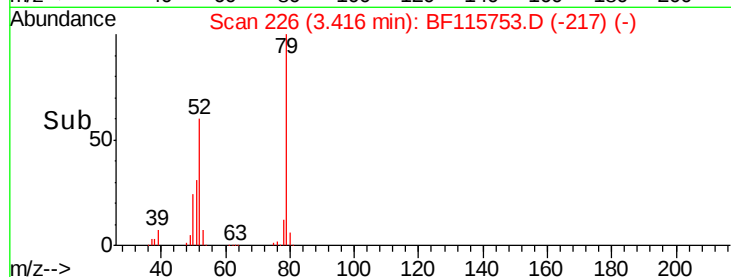
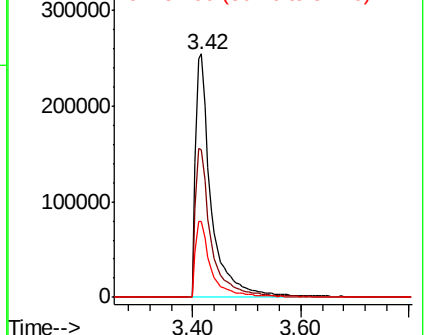
79 100

52 60.5 47.8 71.6

51 31.0 23.8 35.8



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: 42.254 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.05 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

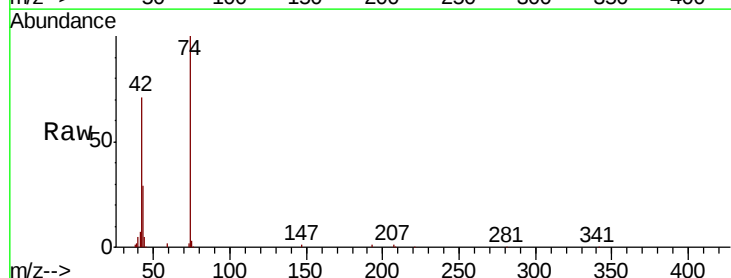
Tgt Ion: 42 Resp: 204432

Ion Ratio Lower Upper

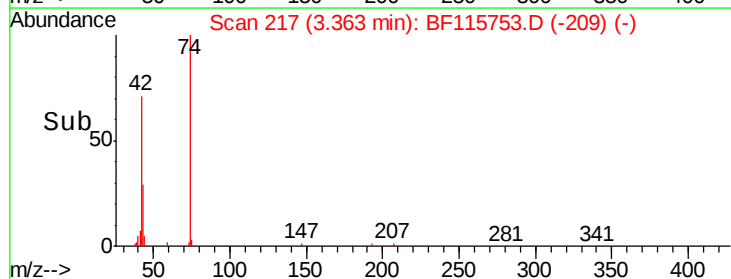
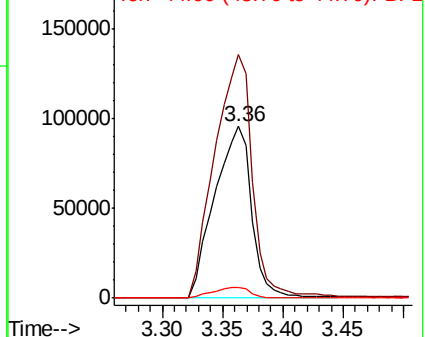
42 100

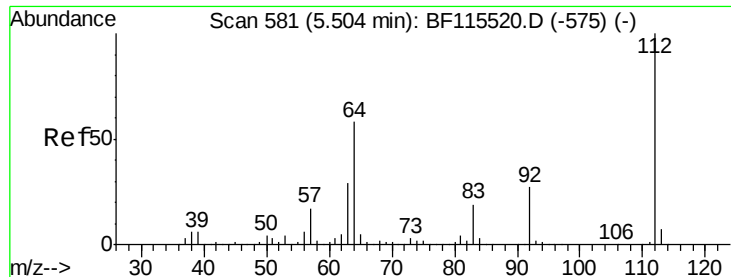
74 141.7 127.5 191.3

44 6.4 5.0 7.6



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: 78.922 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Instrument :

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ClientSampleId :

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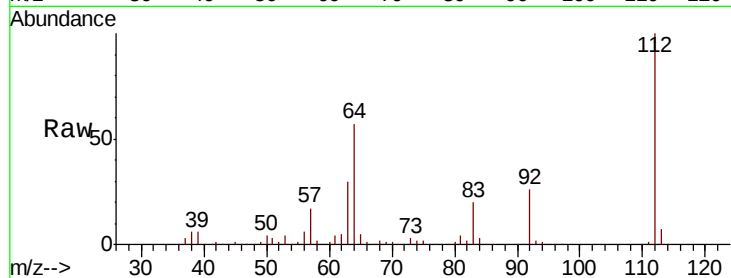
Tot Ion: 112 Resp: 777729

Ion Ratio Lower Upper

112 100

64 57.3 46.8 70.2

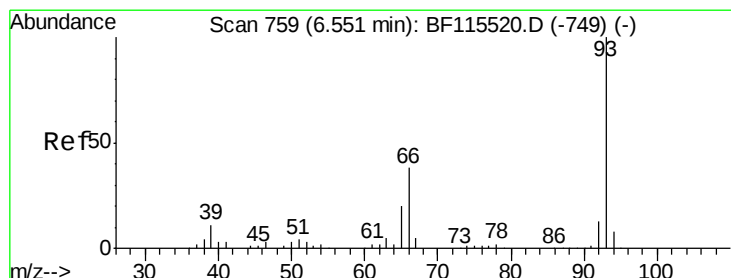
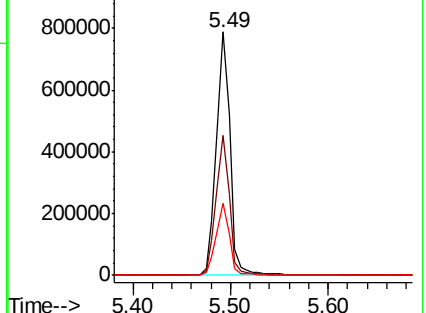
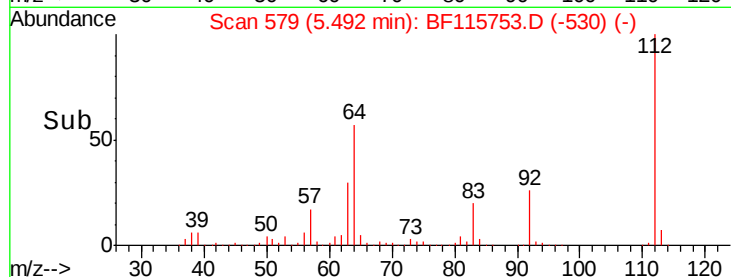
63 29.5 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.347 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

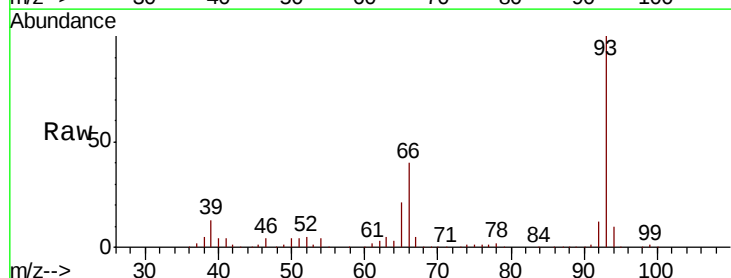
Tgt Ion: 93 Resp: 684687

Ion Ratio Lower Upper

93 100

66 40.2 31.7 47.5

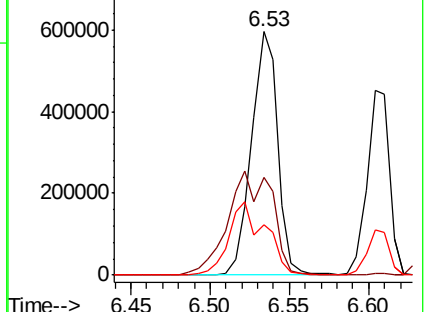
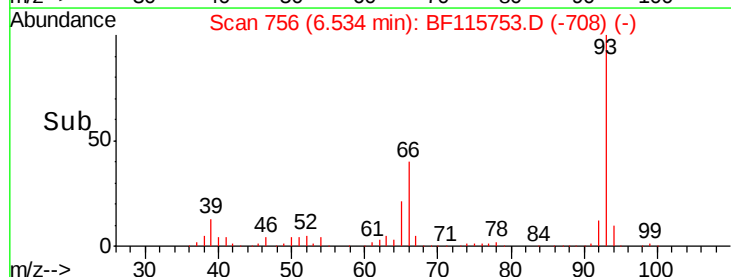
65 20.6 16.2 24.2

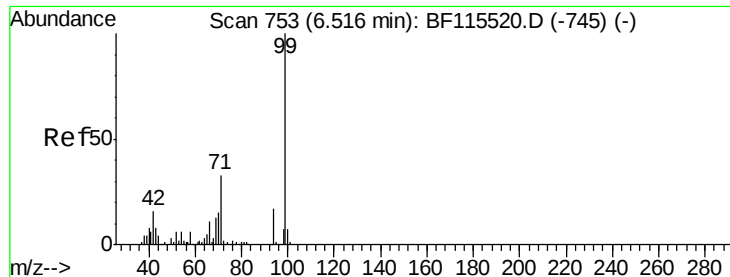


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.440 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115753.D

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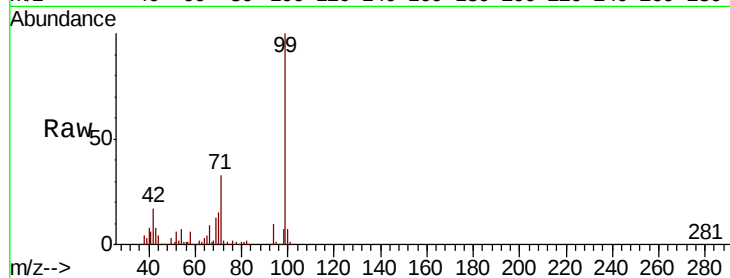
Tot Ion: 99 Resp: 993332

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

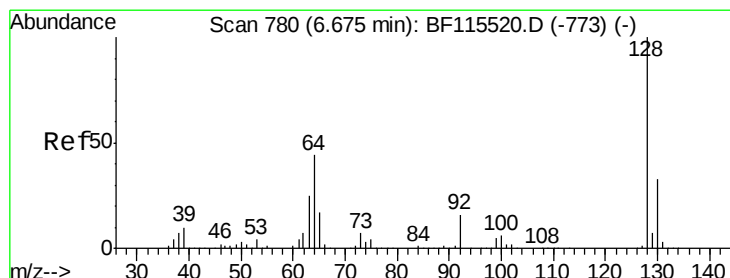
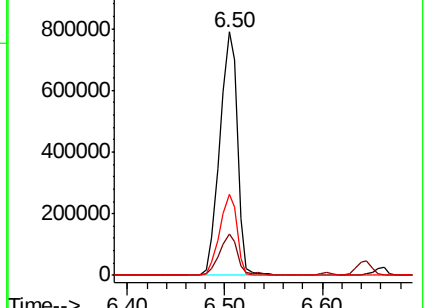
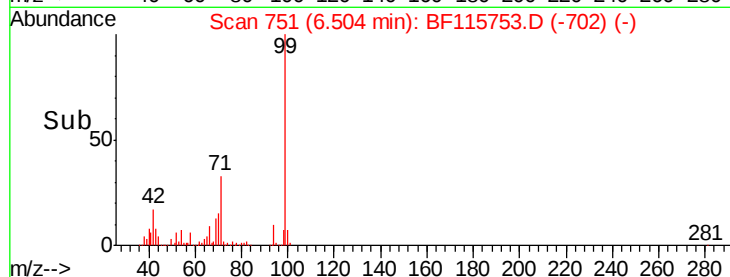
71 33.4 28.5 42.7



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: 39.464 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

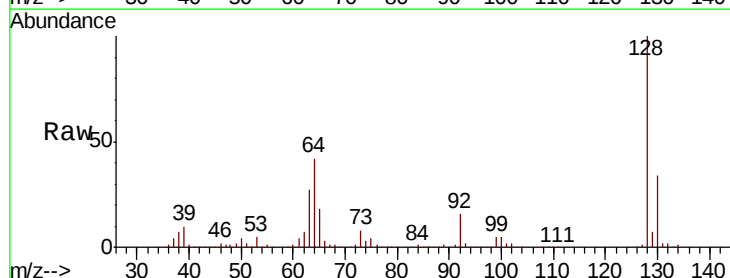
Tgt Ion: 128 Resp: 447123

Ion Ratio Lower Upper

128 100

130 33.8 12.8 52.8

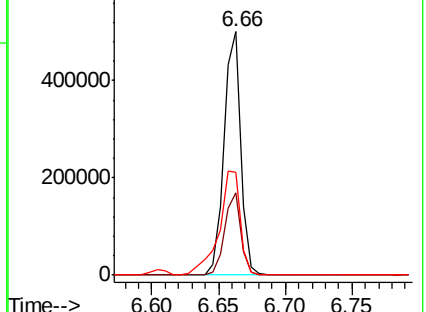
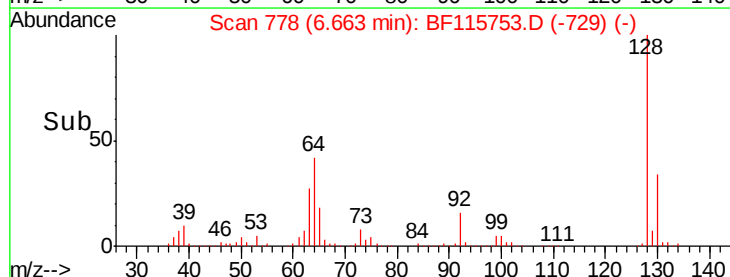
64 42.4 26.8 66.8

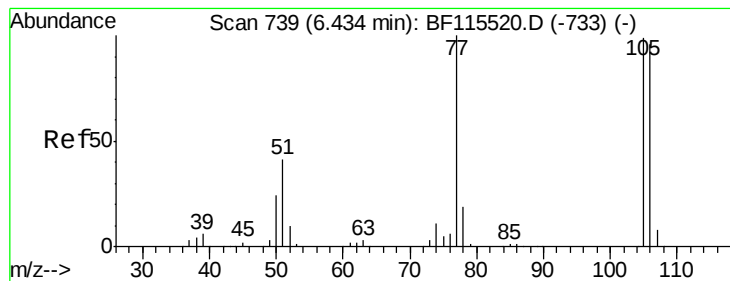


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.063 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115753.D

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SSTDCCC040

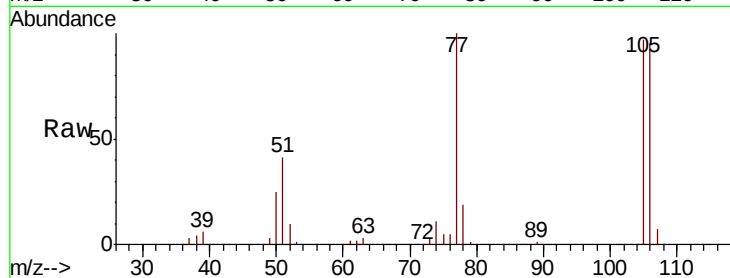
Tot Ion: 77 Resp: 305233

Ion Ratio Lower Upper

77 100

105 97.5 78.8 118.8

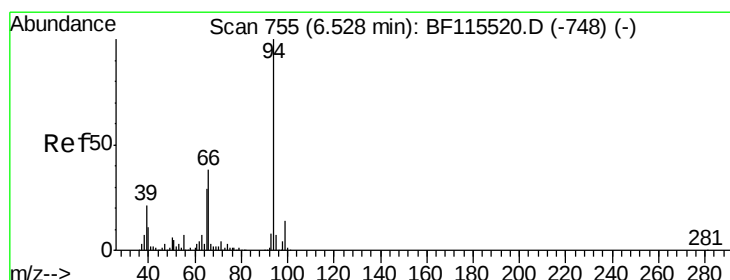
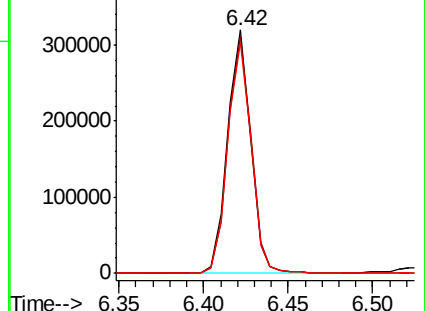
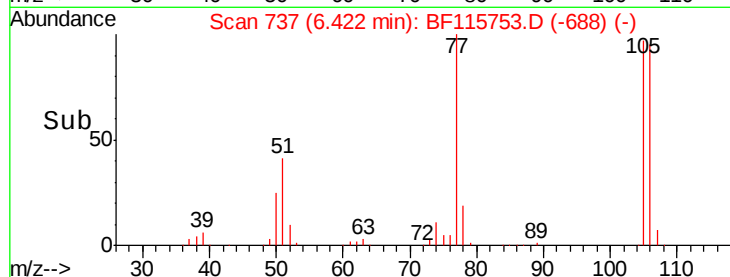
106 94.7 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.257 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

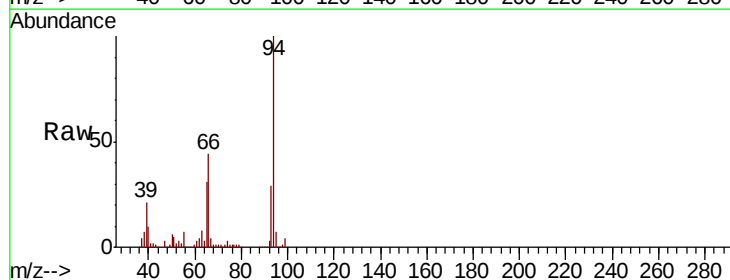
Tgt Ion: 94 Resp: 584349

Ion Ratio Lower Upper

94 100

65 31.2 14.5 54.5

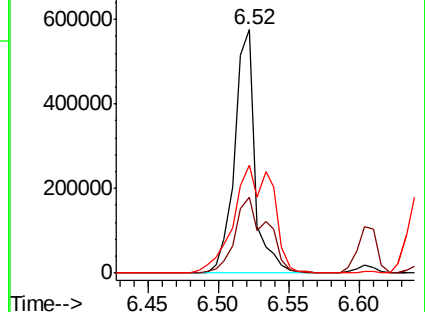
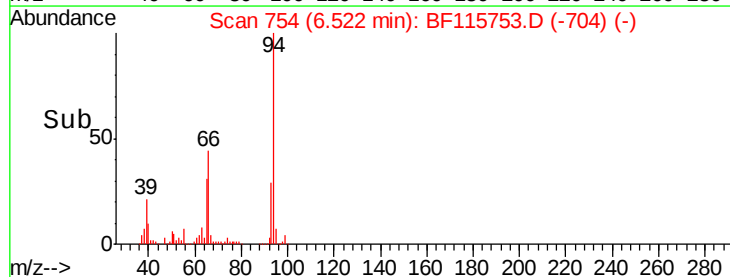
66 44.4 31.3 71.3



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

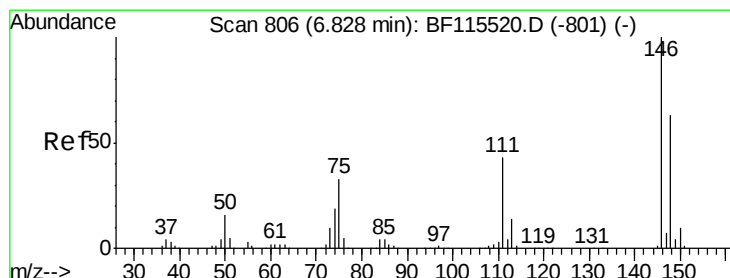
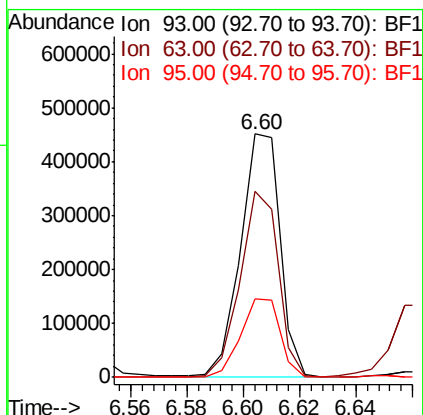
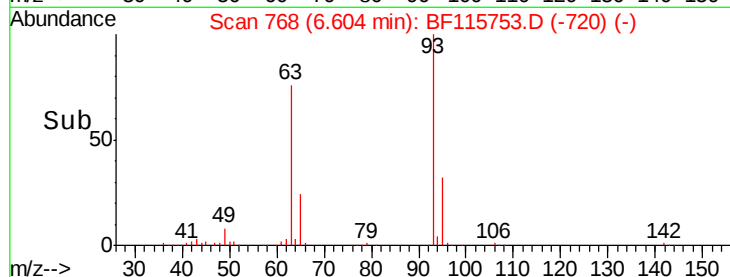
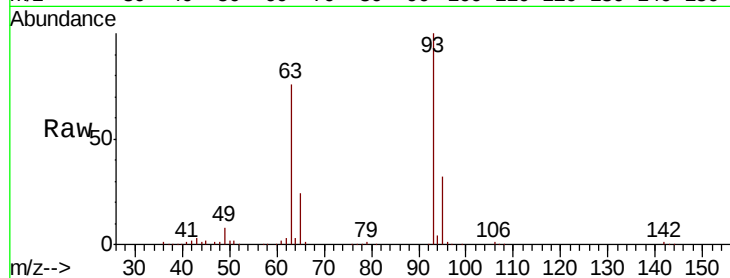




#11
bis(2-Chloroethyl)ether
Concen: 39.435 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

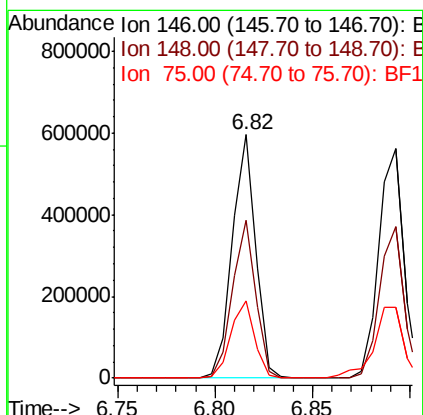
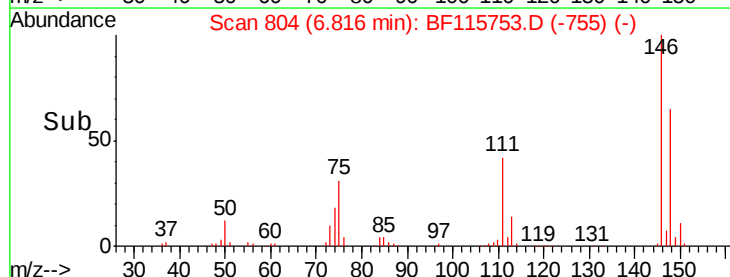
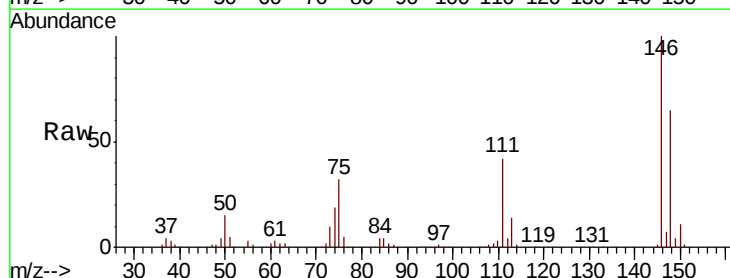
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

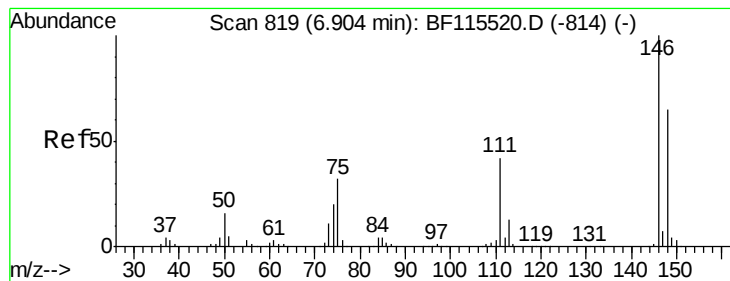
Tot Ion: 93 Resp: 435816
Ion Ratio Lower Upper
93 100
63 76.2 52.2 92.2
95 32.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.835 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion: 146 Resp: 494693
Ion Ratio Lower Upper
146 100
148 64.9 52.1 78.1
75 31.6 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 39.276 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

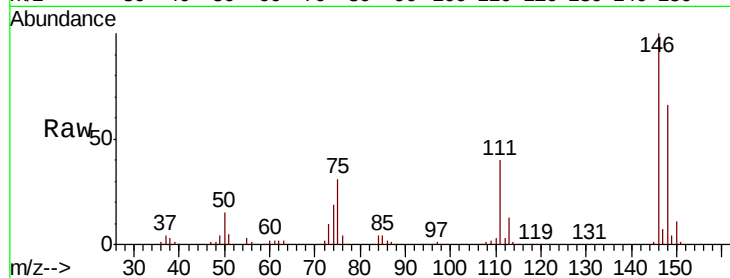
Tot Ion:146 Resp: 499184

Ion Ratio Lower Upper

146 100

148 65.9 51.8 77.6

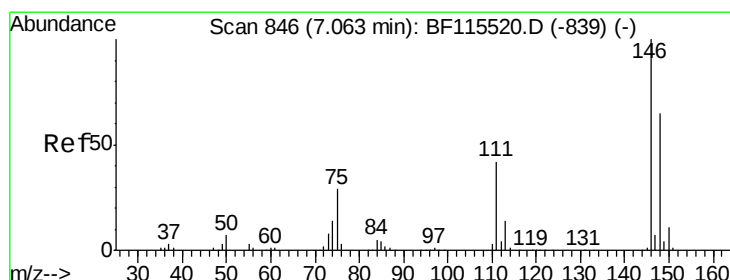
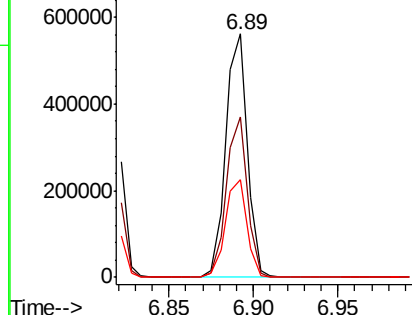
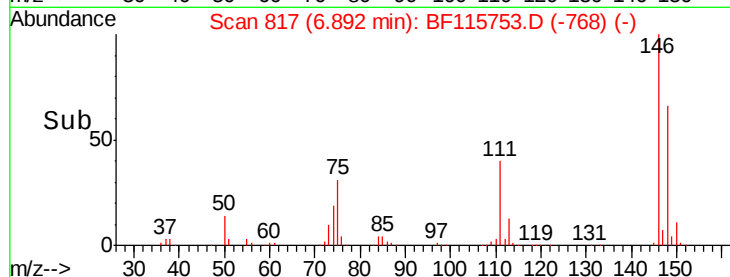
111 40.3 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.842 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

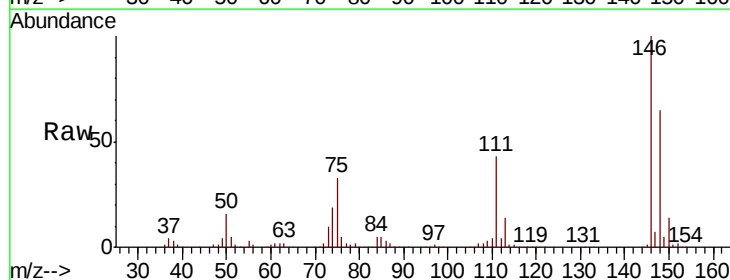
Tgt Ion:146 Resp: 462900

Ion Ratio Lower Upper

146 100

148 64.8 51.1 76.7

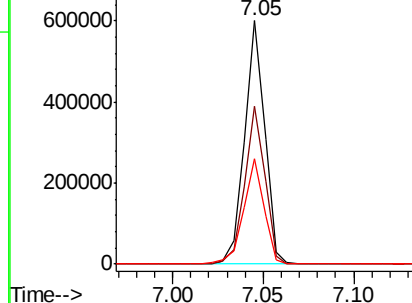
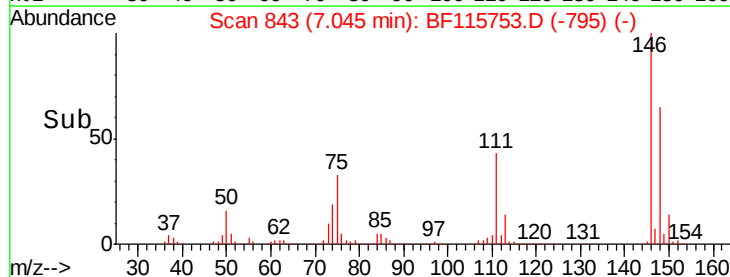
111 43.2 37.6 56.4

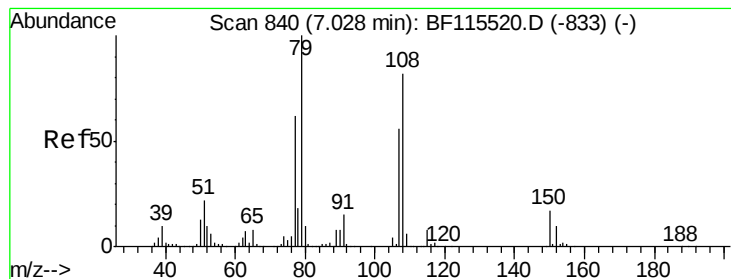


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.788 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

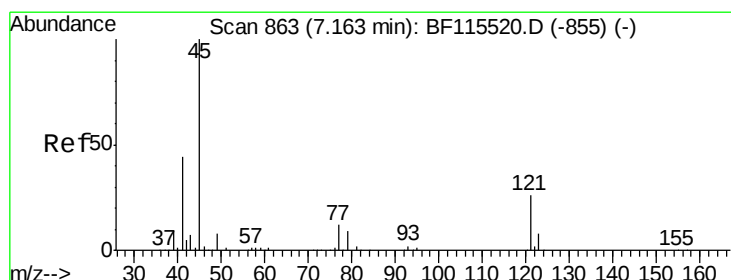
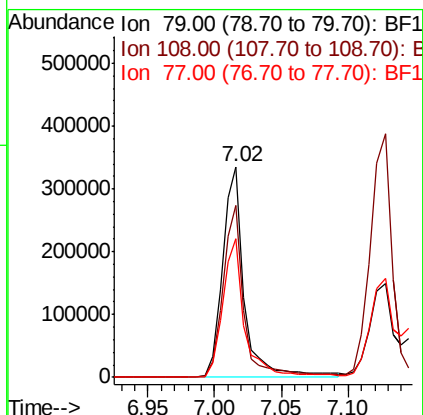
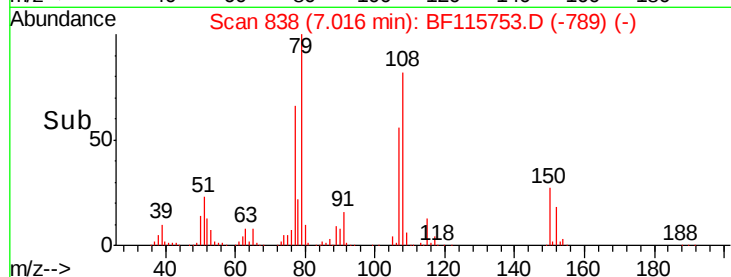
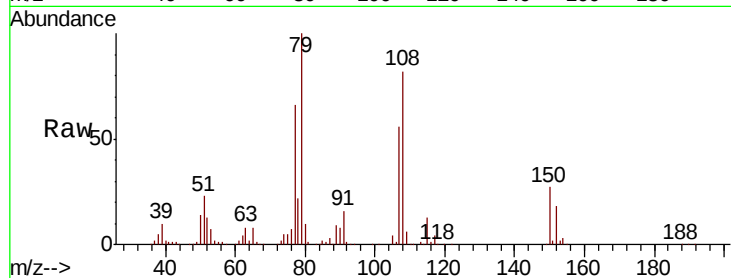
Tot Ion: 79 Resp: 384754

Ion Ratio Lower Upper

79 100

108 81.8 64.2 96.4

77 65.9 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.400 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

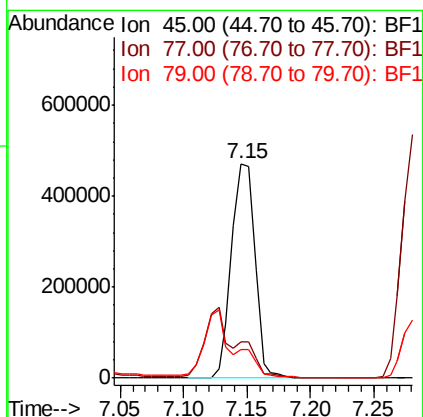
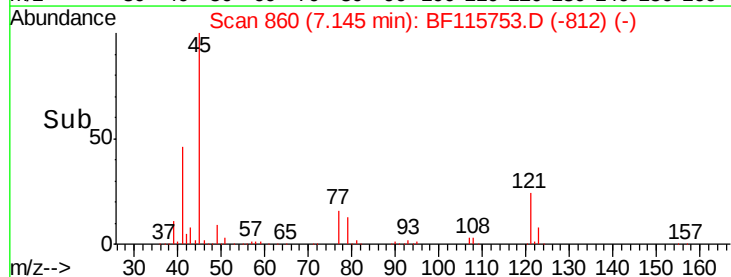
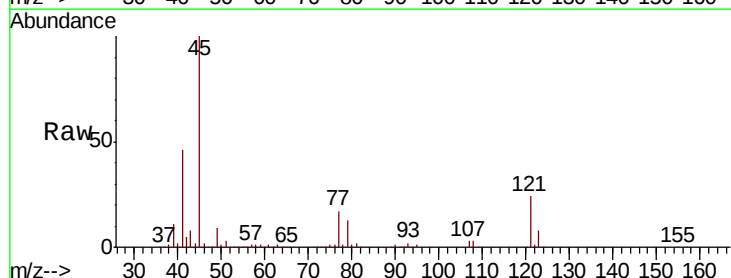
Tgt Ion: 45 Resp: 602363

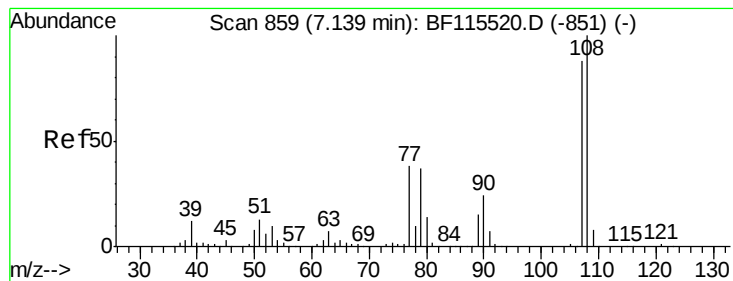
Ion Ratio Lower Upper

45 100

77 16.8 0.0 38.1

79 13.1 0.0 34.1

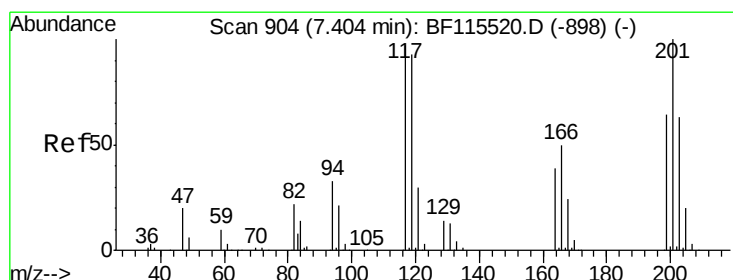
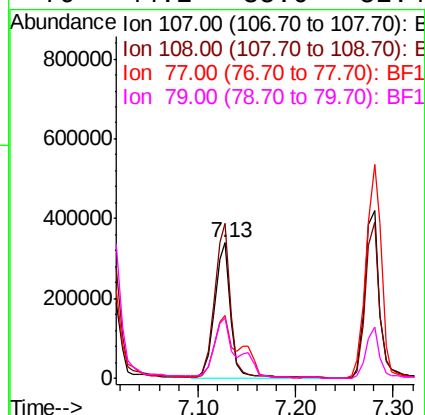
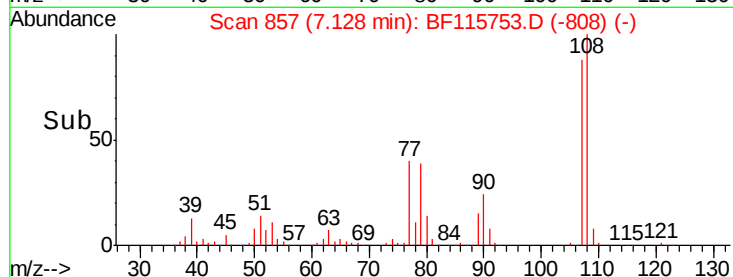
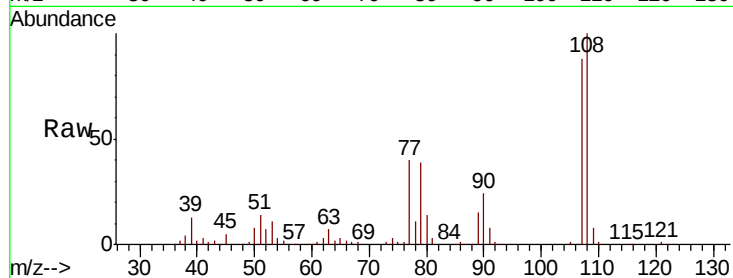




#17
2-Methylphenol
Concen: 39.386 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

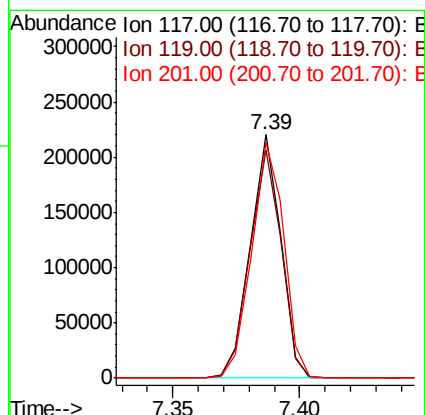
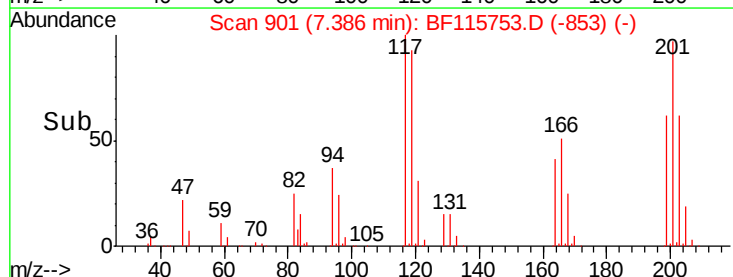
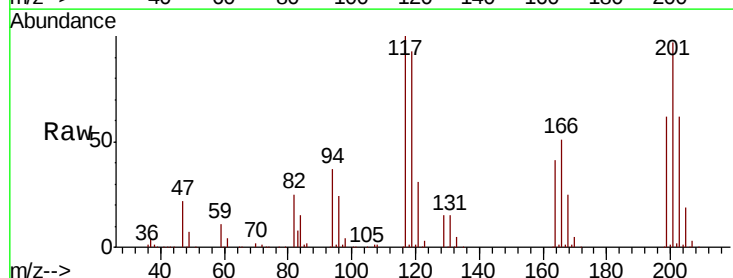
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

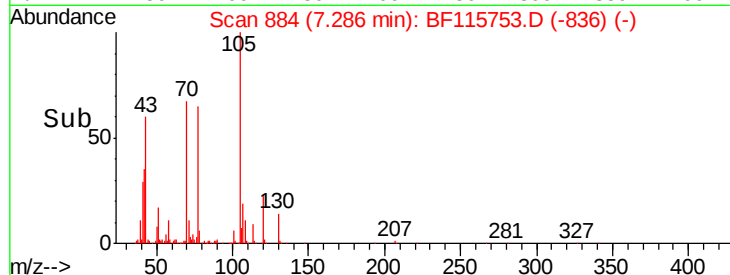
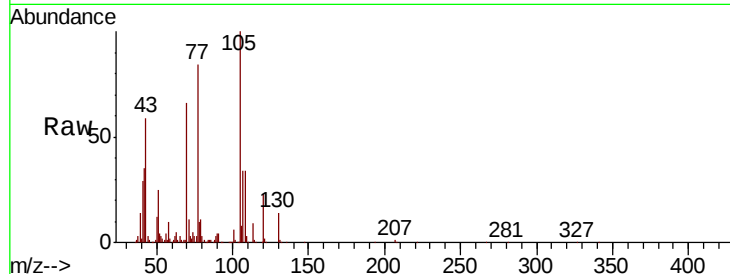
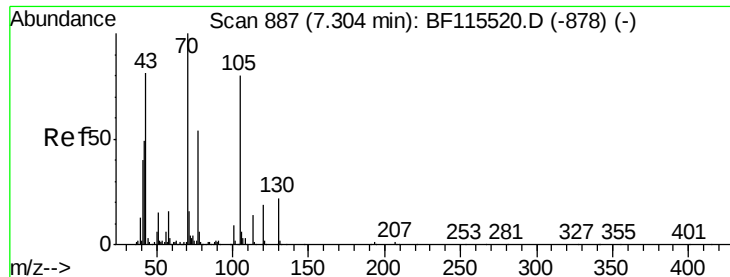
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	89.4	134.2
77	46.1	35.7	53.5
79	44.2	35.0	52.4



#18
Hexachloroethane
Concen: 39.394 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.7	116.5
201	97.0	86.0	129.0

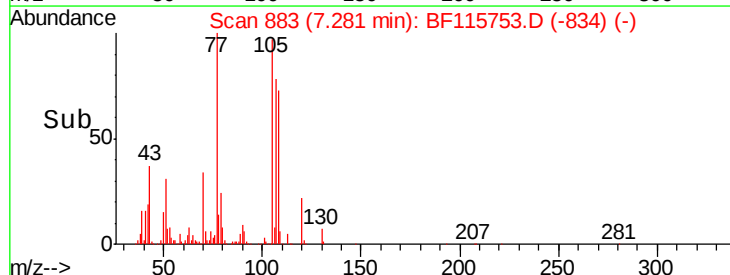
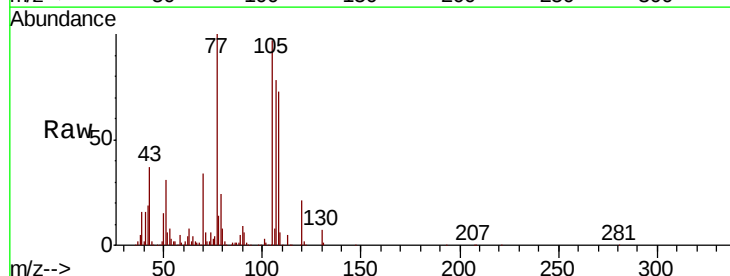
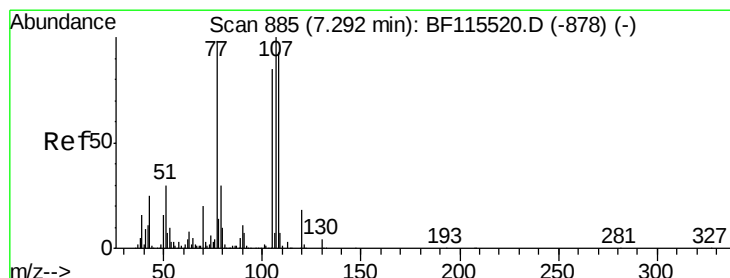
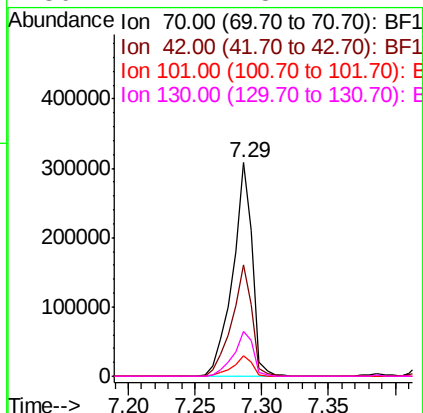




#19
n-Nitroso-di-n-propylamine
Concen: 39.142 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

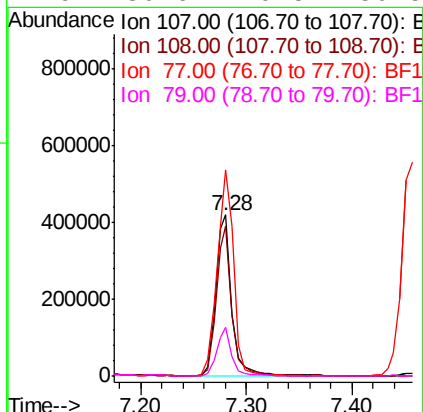
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	319205
Ion	Ratio	Lower	Upper
70	100		
42	52.3	39.6	59.4
101	9.5	8.1	12.1
130	21.1	18.2	27.2



#20
3+4-Methylphenols
Concen: 38.081 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion:	107	Resp:	441651
Ion	Ratio	Lower	Upper
107	100		
108	93.0	72.9	112.9
77	127.5	77.6	117.6#
79	30.6	10.5	50.5

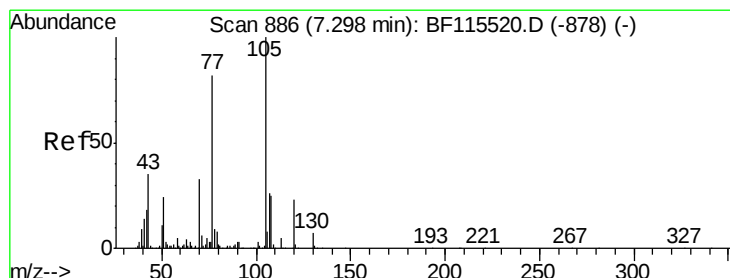
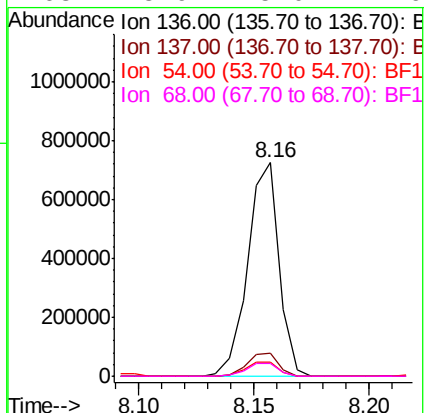
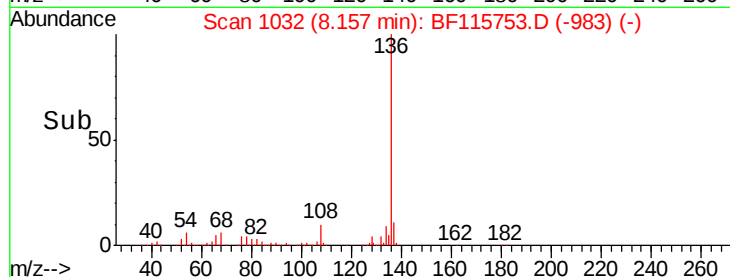
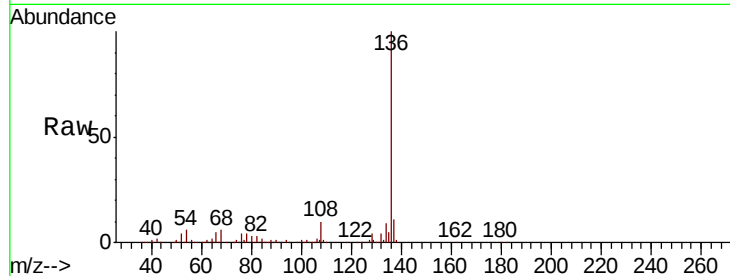




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

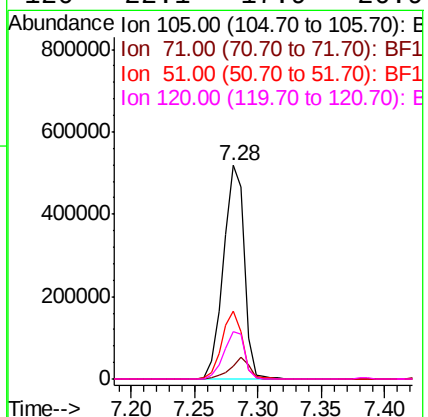
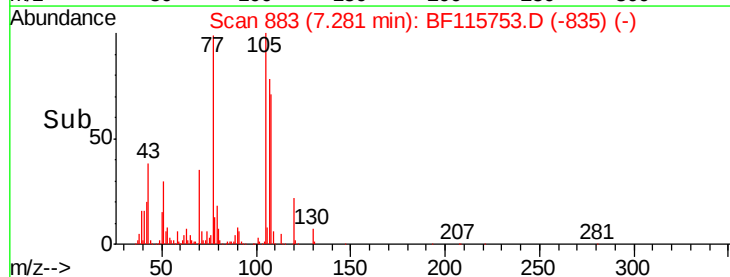
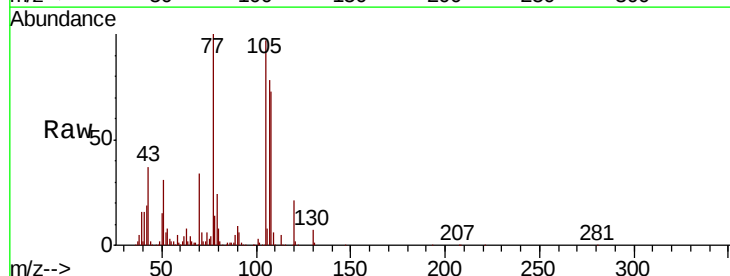
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

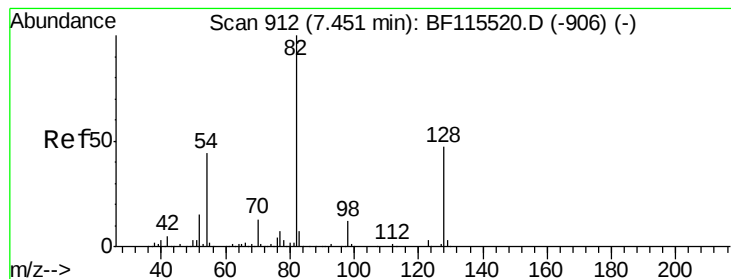
Tot Ion:136	Resp: 688995
Ion Ratio	Lower Upper
136 100	
137 10.9	9.0 13.4
54 6.3	5.6 8.4
68 5.9	5.0 7.6



#22
Acetophenone
Concen: 37.884 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt	Ion:105	Resp:	589680
Ion	Ratio	Lower	Upper
105	100		
71	5.9	3.5	5.3#
51	32.0	25.6	38.4
120	22.1	17.9	26.9





#23

Nitrobenzene-d5

Concen: 77.270 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

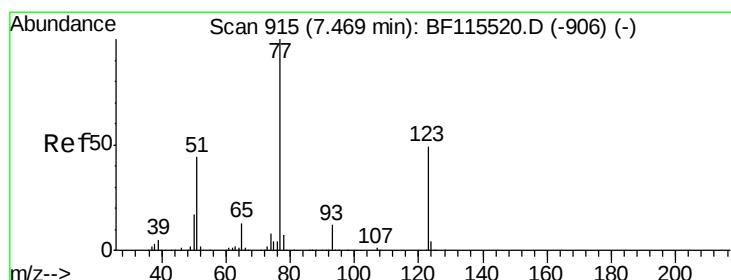
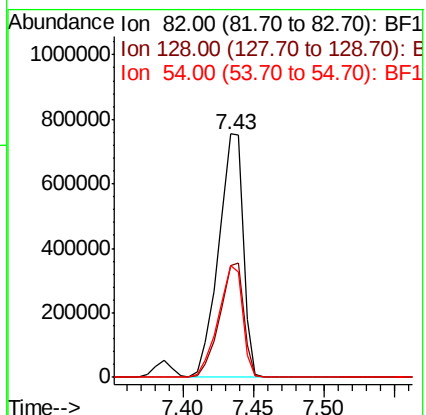
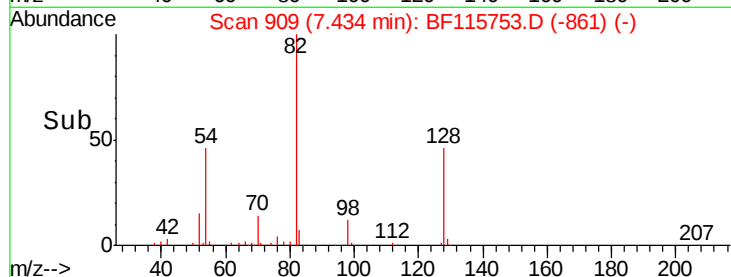
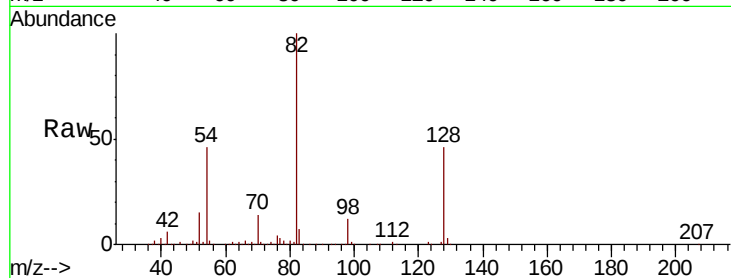
Tot Ion: 82 Resp: 915594

Ion Ratio Lower Upper

82 100

128 45.8 38.6 57.8

54 45.7 35.6 53.4



#24

Nitrobenzene

Concen: 39.770 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

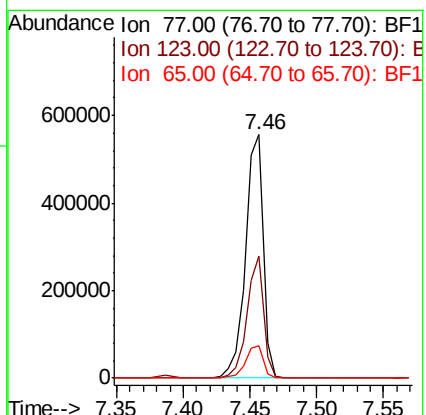
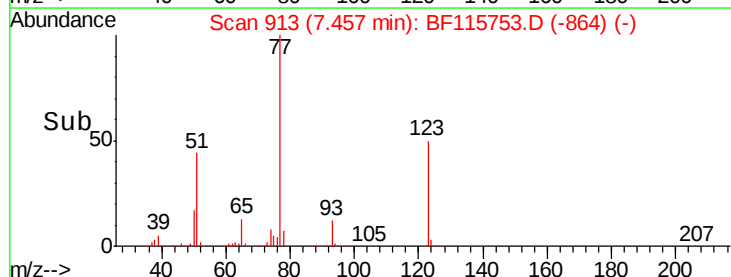
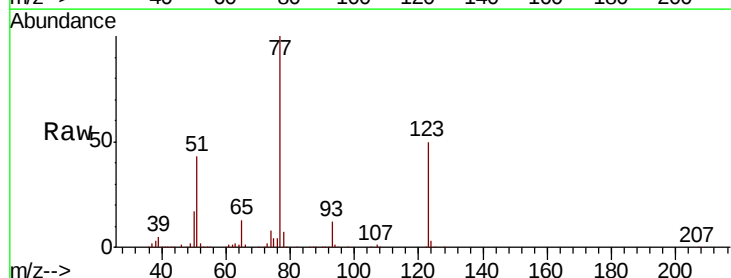
Tgt Ion: 77 Resp: 508277

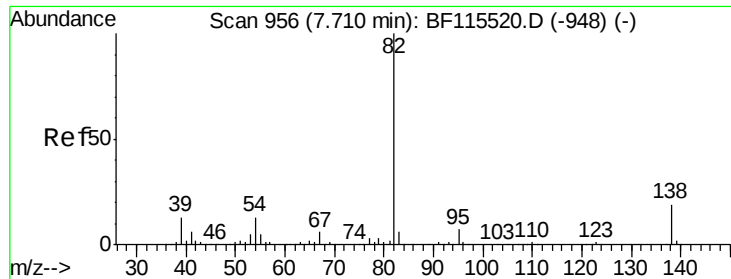
Ion Ratio Lower Upper

77 100

123 49.9 40.0 60.0

65 13.1 11.0 16.4





#25

Isophorone

Concen: 37.960 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

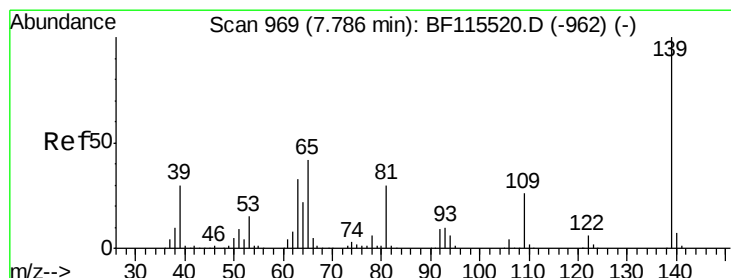
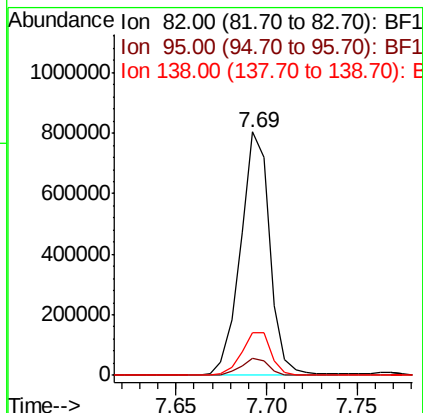
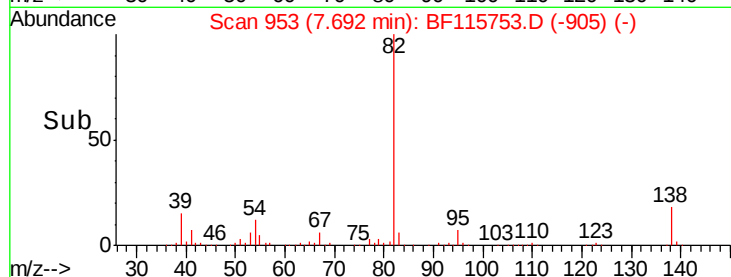
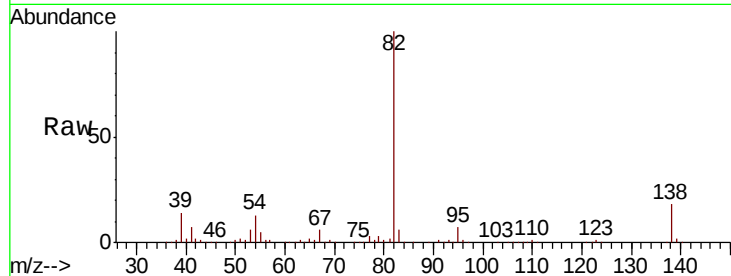
Tot Ion: 82 Resp: 900062

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 38.034 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

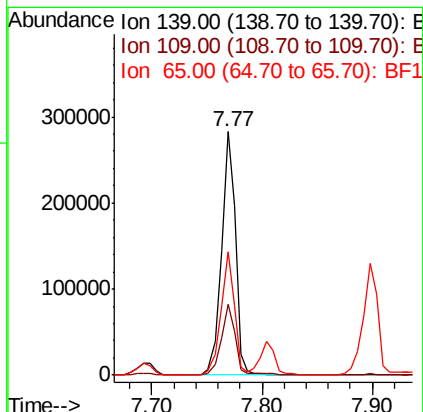
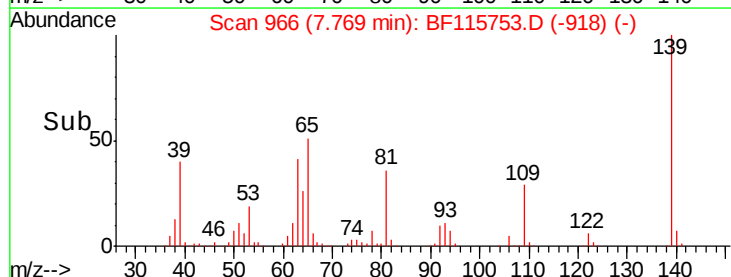
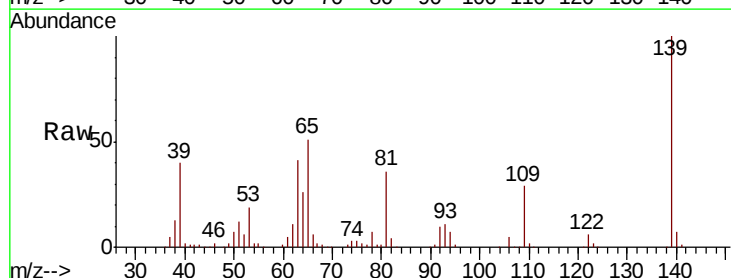
Tgt Ion: 139 Resp: 250200

Ion Ratio Lower Upper

139 100

109 29.0 23.3 34.9

65 50.6 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 35.886 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

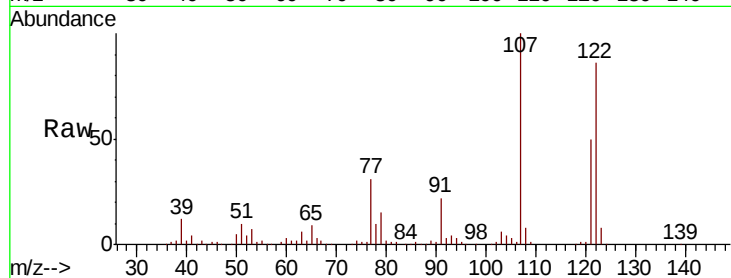
Tot Ion:122 Resp: 353215

Ion Ratio Lower Upper

122 100

107 115.7 92.9 139.3

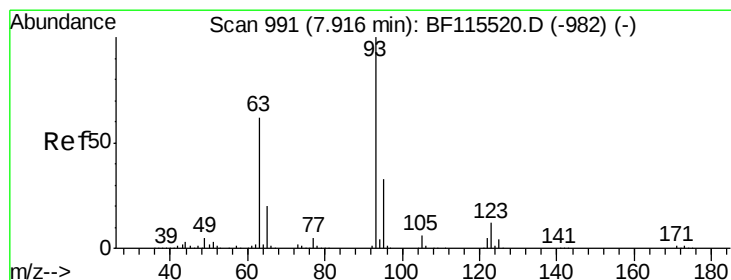
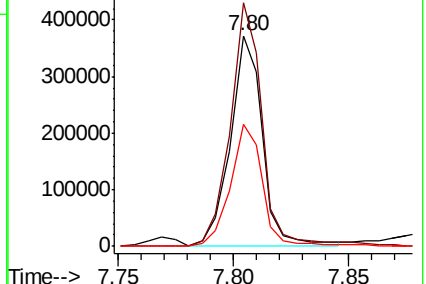
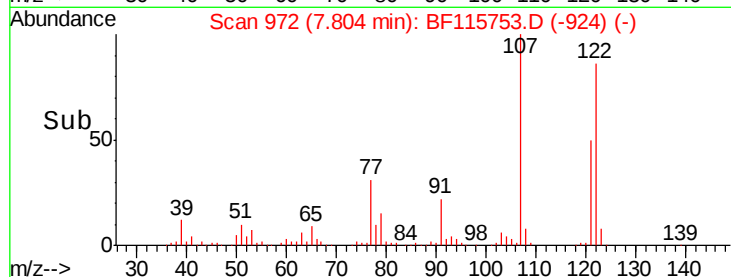
121 57.8 46.9 70.3



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: 39.362 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

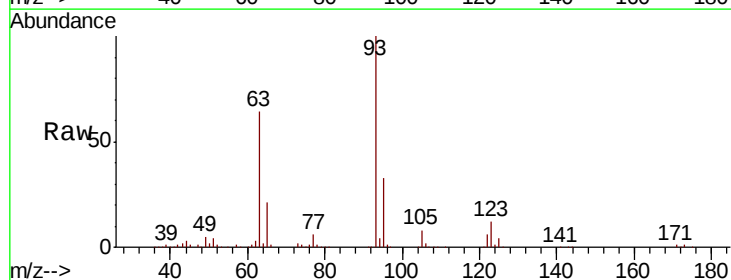
Tgt Ion: 93 Resp: 572550

Ion Ratio Lower Upper

93 100

95 32.8 27.0 40.4

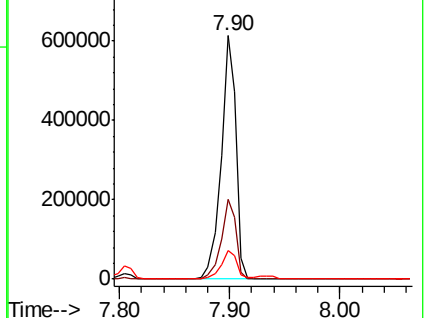
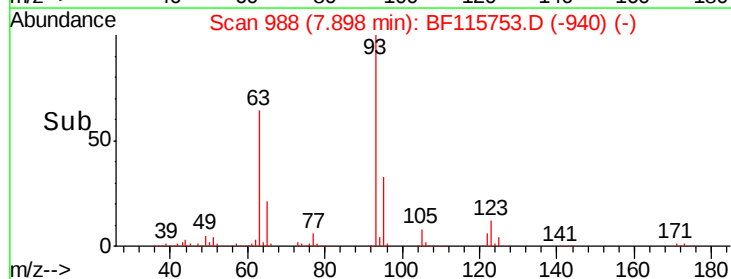
123 11.6 9.9 14.9

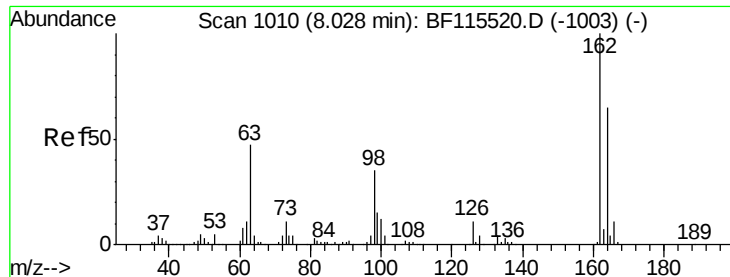


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

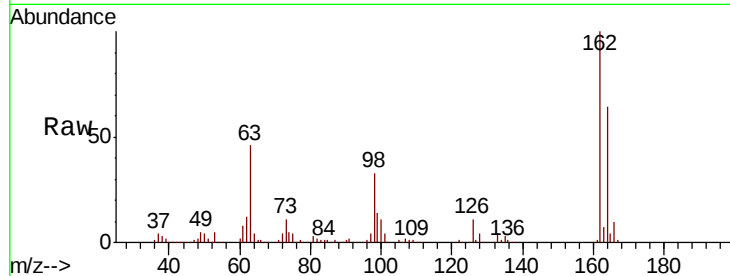




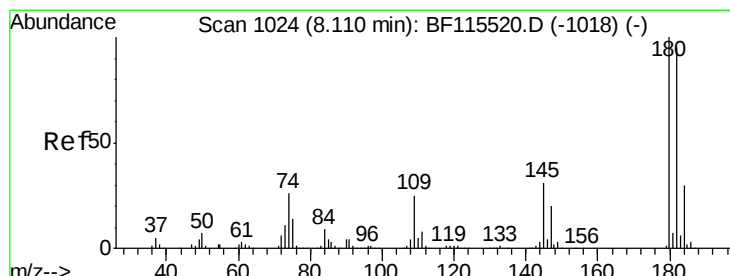
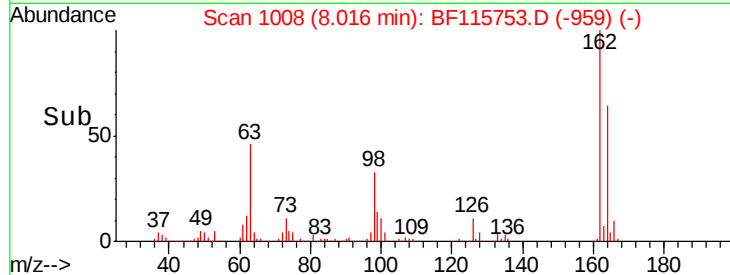
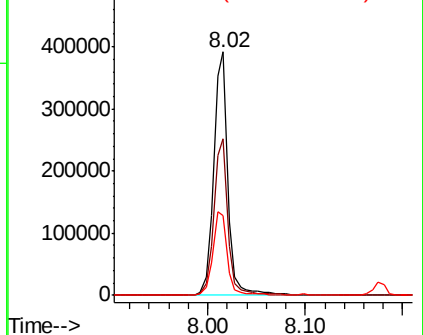
#29
 2,4-Dichlorophenol
 Concen: 38.638 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF115753.D
 Acq: 25 Jul 2019 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.9	84.9
98	32.9	17.7	57.7

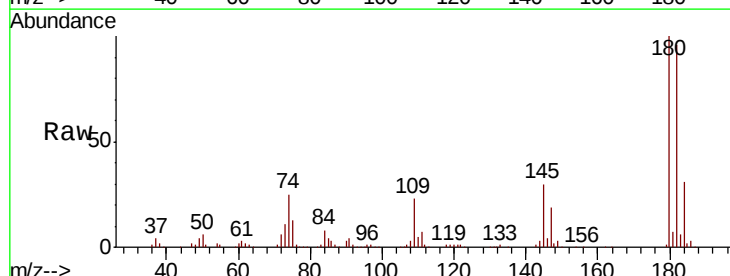


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

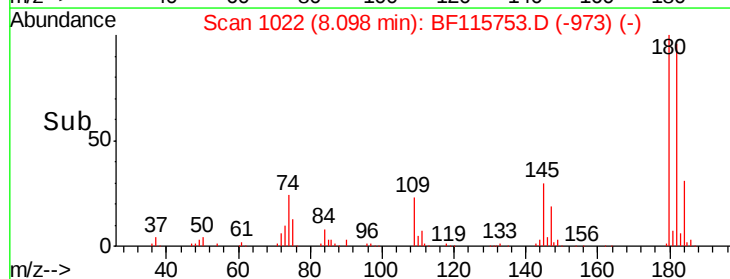
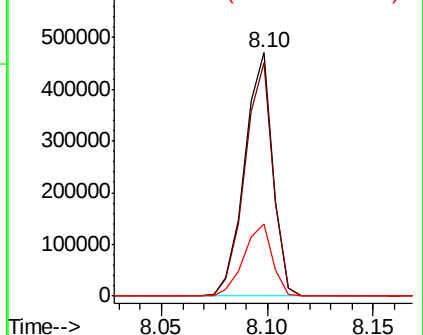


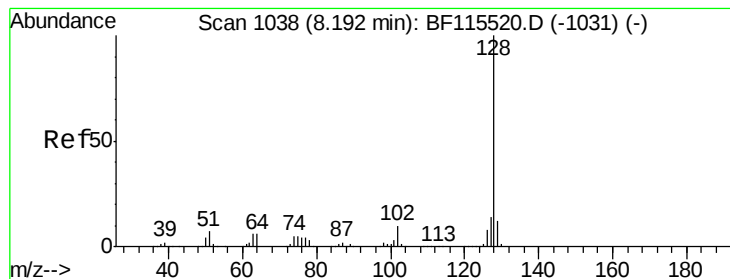
#30
 1,2,4-Trichlorobenzene
 Concen: 37.650 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF115753.D
 Acq: 25 Jul 2019 11:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.0	112.6
145	29.5	25.1	37.7



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





#31

Naphthalene

Concen: 38.962 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

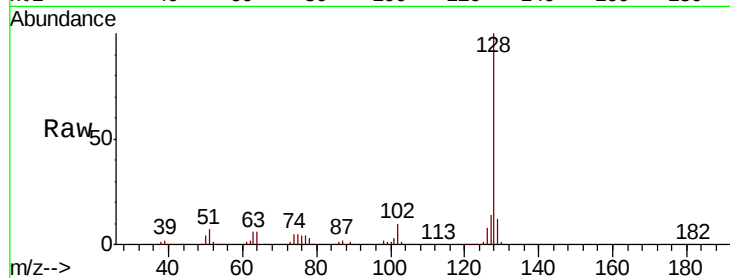
Tot Ion:128 Resp: 1300101

Ion Ratio Lower Upper

128 100

129 11.8 9.9 14.9

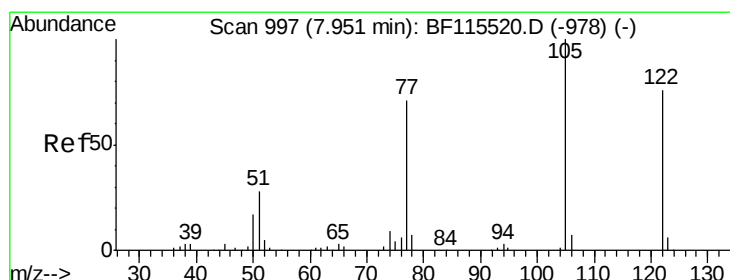
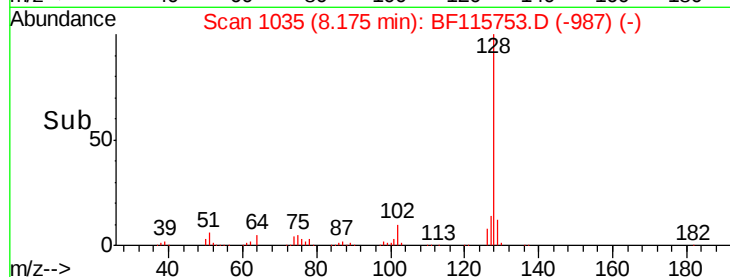
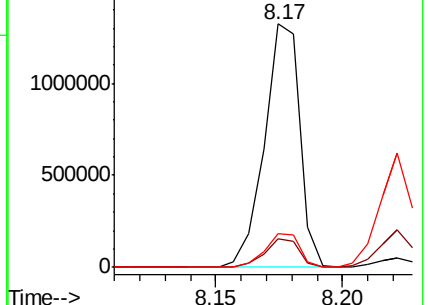
127 13.6 12.1 18.1



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: 26.768 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

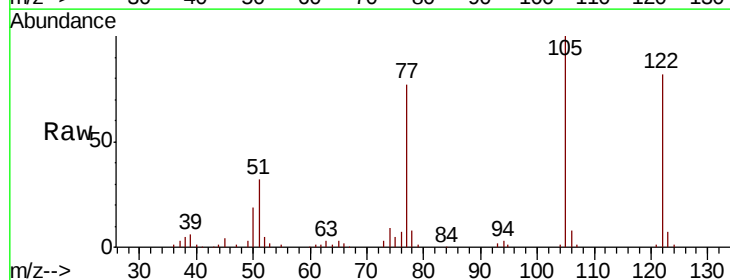
Tgt Ion:122 Resp: 216225

Ion Ratio Lower Upper

122 100

105 122.0 102.5 142.5

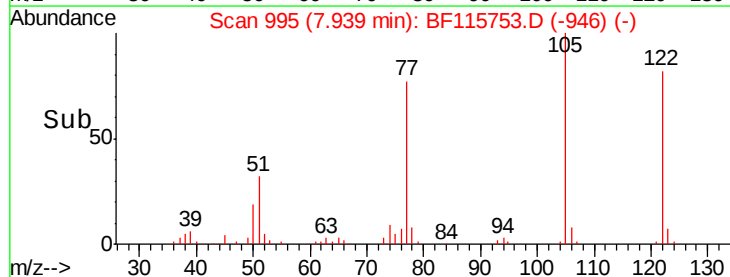
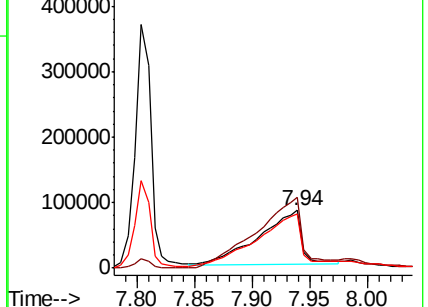
77 93.6 70.2 110.2



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

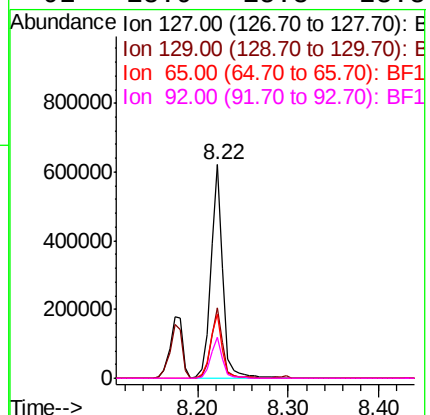
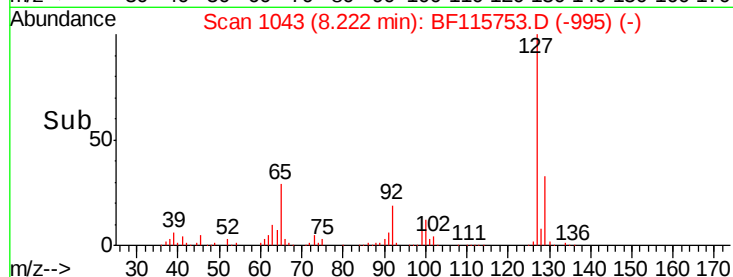
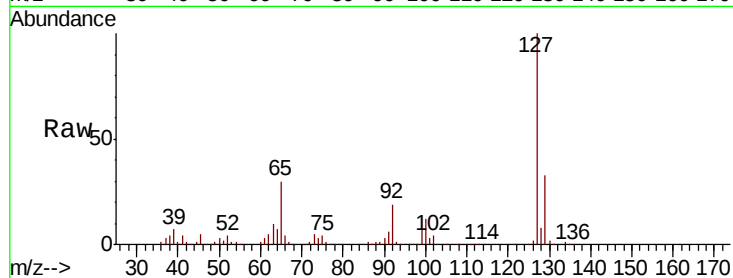




#33
4-Chloroaniline
Concen: 39.036 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

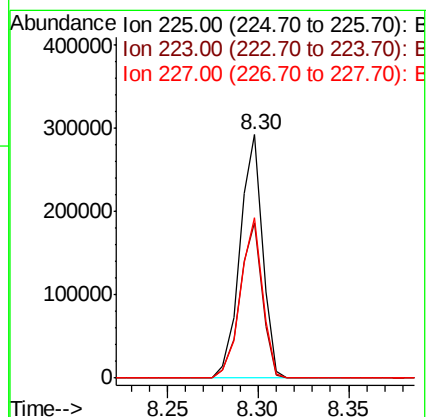
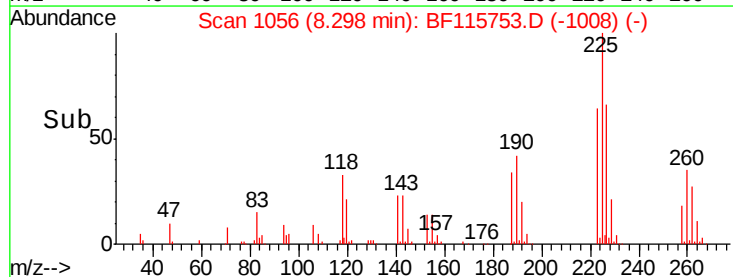
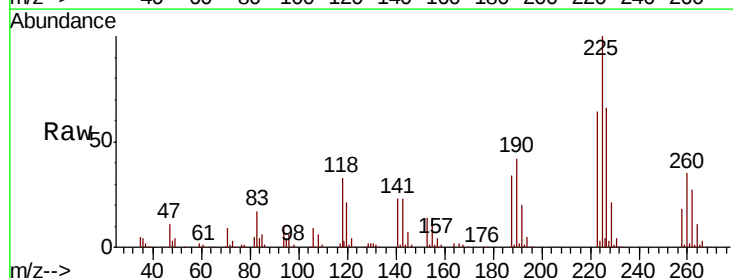
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	576974
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	39.8
65	29.8	23.7	35.5
92	18.9	15.8	23.8



#34
Hexachlorobutadiene
Concen: 38.197 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion:	225	Resp:	253452
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.9	76.3
227	66.0	50.7	76.1

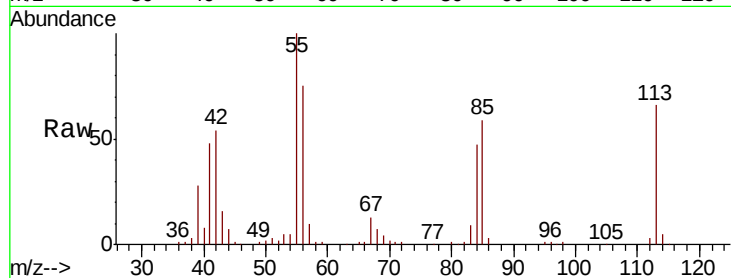




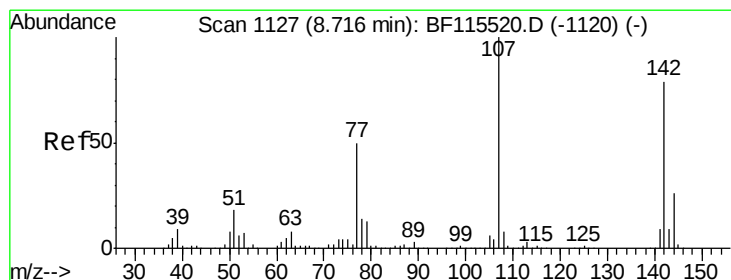
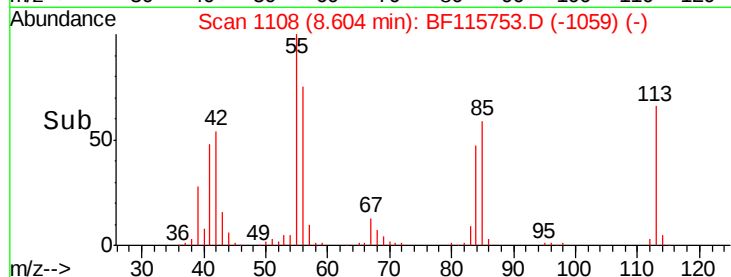
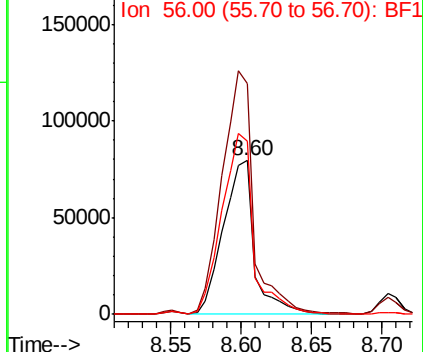
#35
Caprolactam
Concen: 38.619 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 122158
Ion Ratio Lower Upper
113 100
55 150.5 126.9 166.9
56 113.1 90.3 130.3

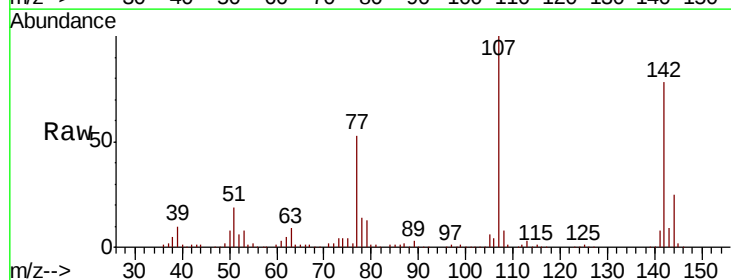


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

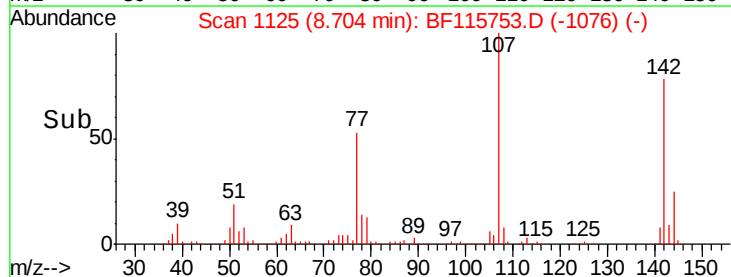
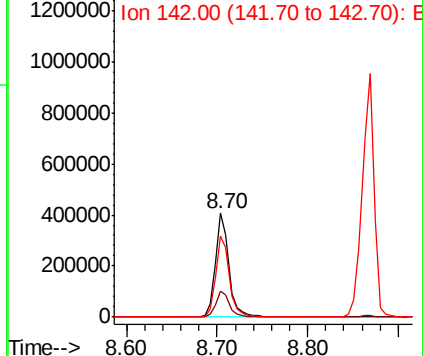


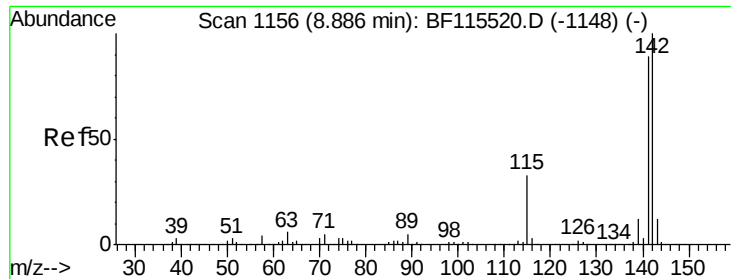
#36
4-Chloro-3-methylphenol
Concen: 39.031 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion:107 Resp: 414442
Ion Ratio Lower Upper
107 100
144 25.1 20.6 30.8
142 77.9 63.1 94.7



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

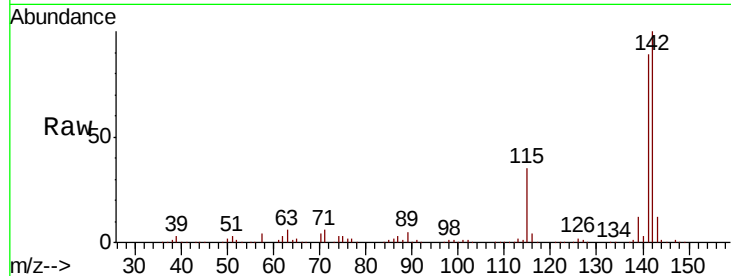




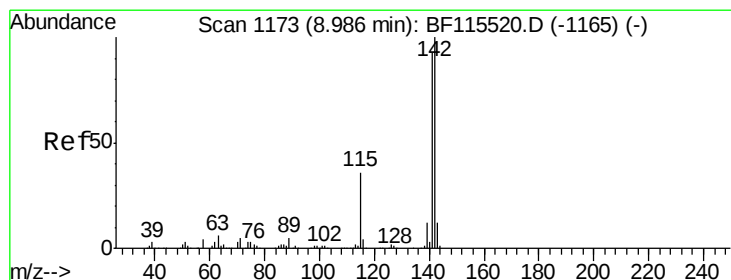
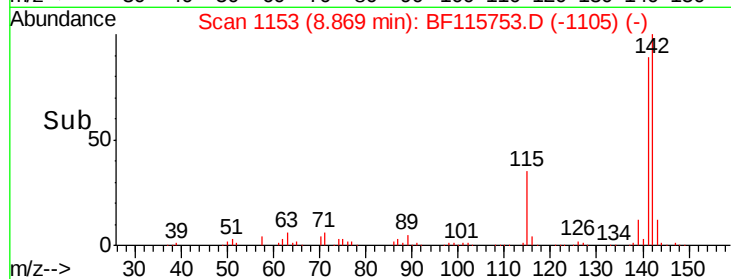
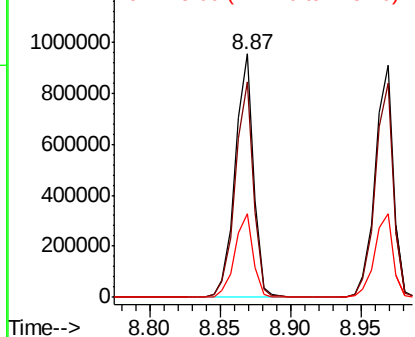
#37
2-Methylnaphthalene
Concen: 38.960 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 861736
Ion Ratio Lower Upper
142 100
141 88.7 72.0 108.0
115 34.6 29.9 44.9

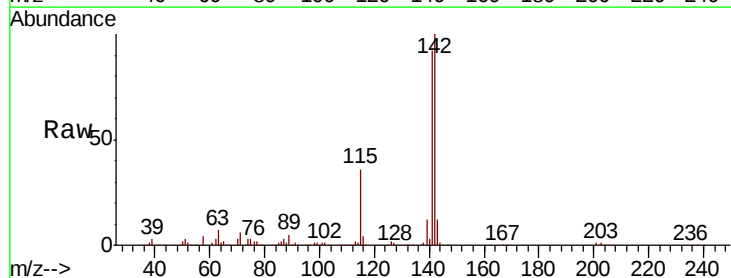


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

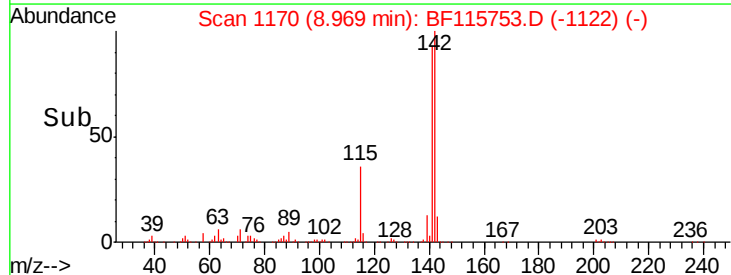
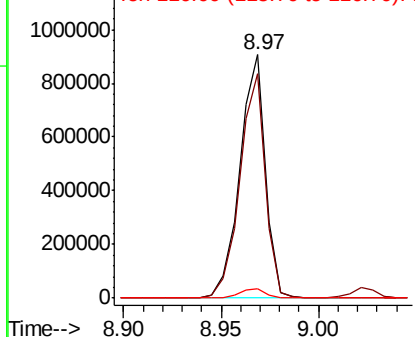


#38
1-Methylnaphthalene
Concen: 38.894 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion:142 Resp: 817134
Ion Ratio Lower Upper
142 100
141 92.4 75.3 112.9
116 3.8 3.3 4.9



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

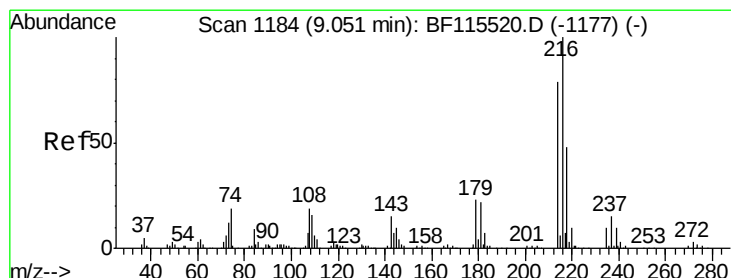
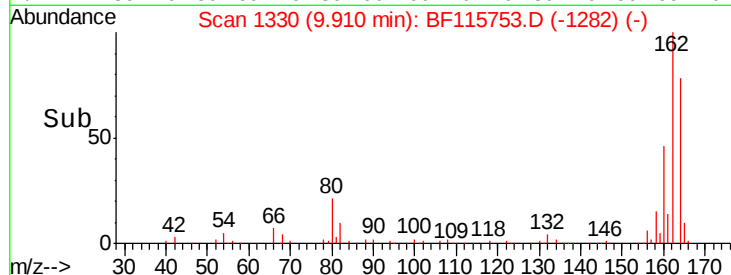
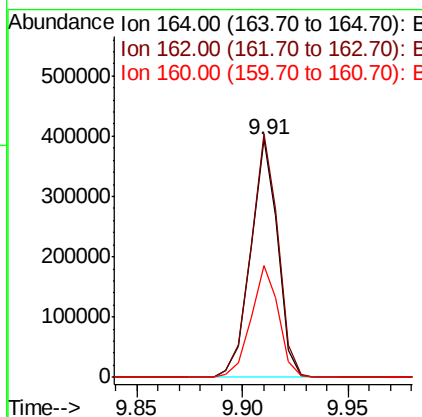
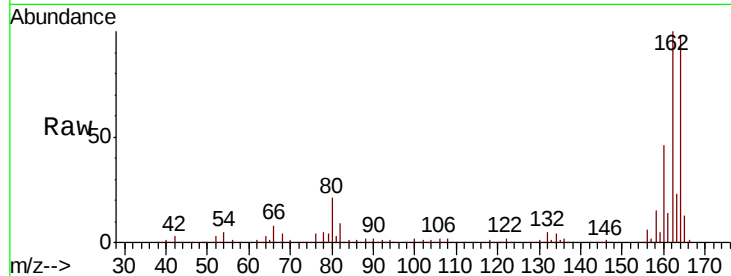




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

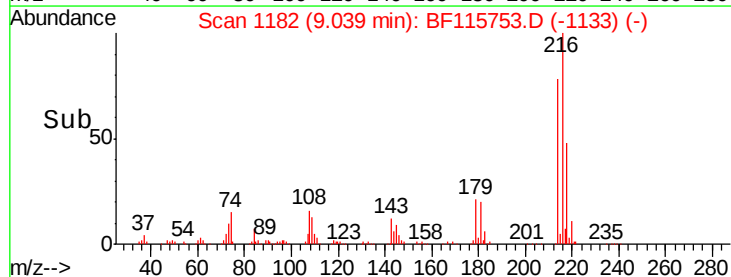
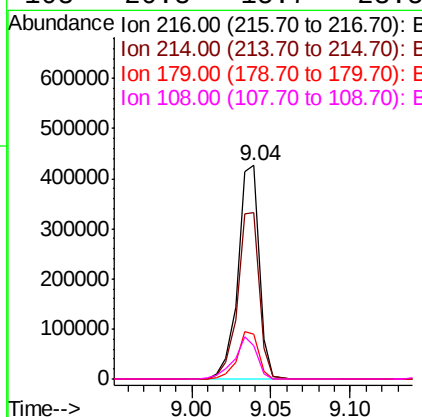
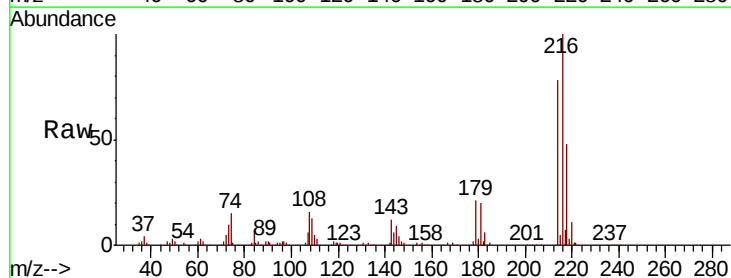
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:164 Resp: 350273
Ion Ratio Lower Upper
164 100
162 102.2 82.9 124.3
160 46.9 36.8 55.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.703 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion:216 Resp: 397695
Ion Ratio Lower Upper
216 100
214 78.8 65.1 97.7
179 21.8 18.3 27.5
108 20.8 15.7 23.5





#41

Hexachlorocyclopentadiene

Concen: 41.384 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

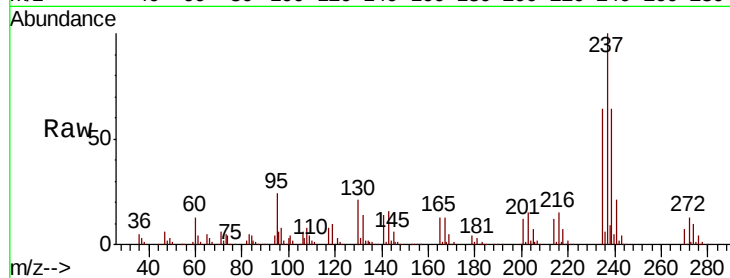
Tot Ion:237 Resp: 249006

Ion Ratio Lower Upper

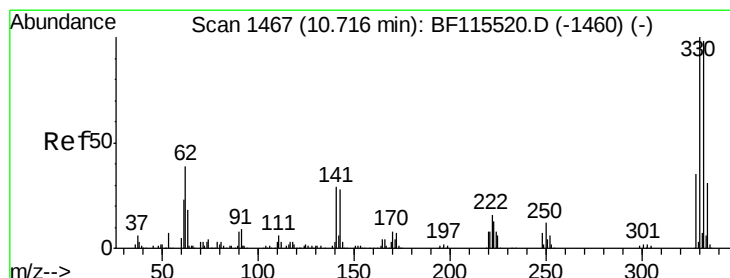
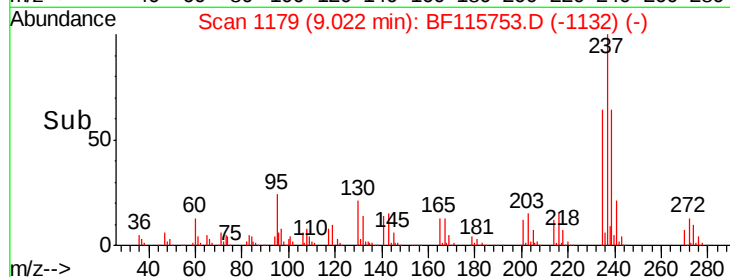
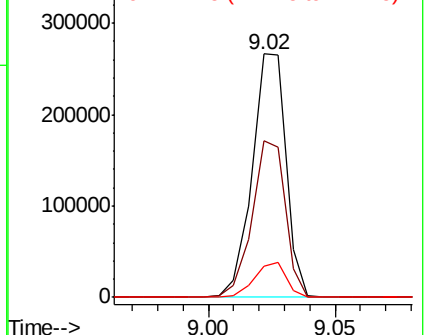
237 100

235 64.3 43.6 83.6

272 13.0 0.0 33.9



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: 74.569 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

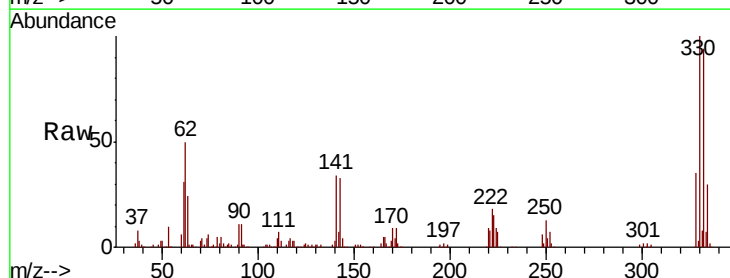
Tgt Ion:330 Resp: 304879

Ion Ratio Lower Upper

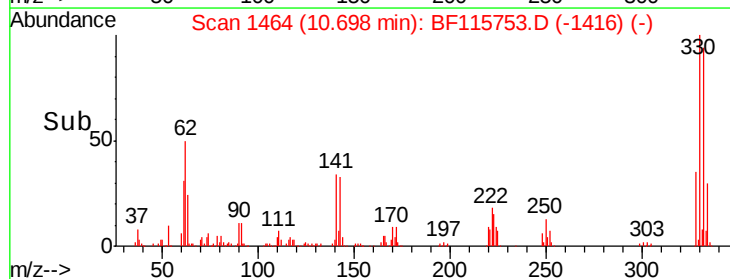
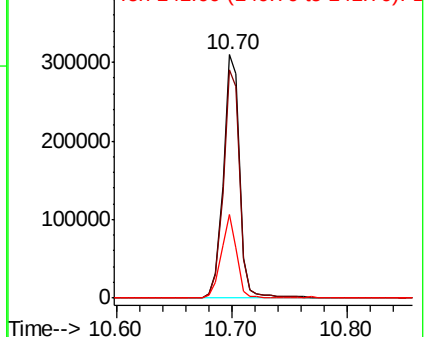
330 100

332 95.1 77.4 116.2

141 32.4 22.4 33.6



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

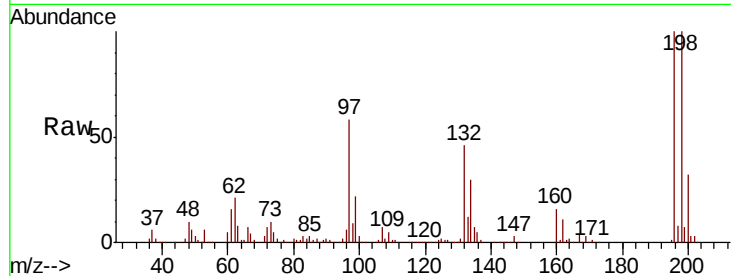




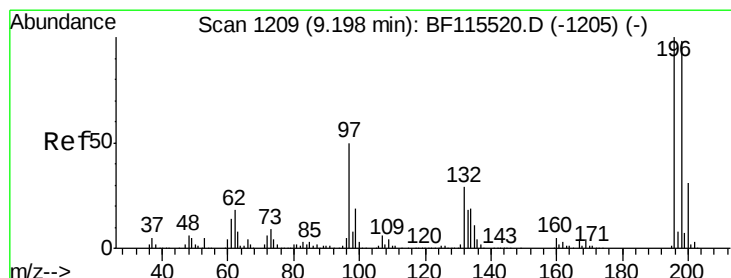
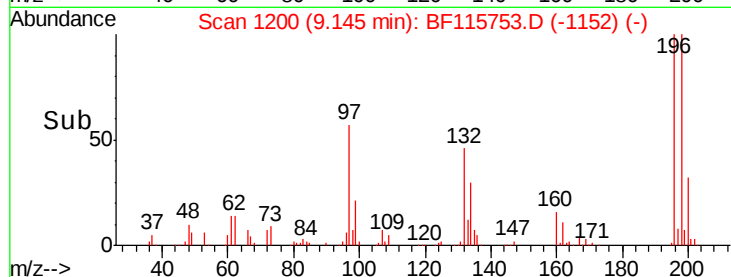
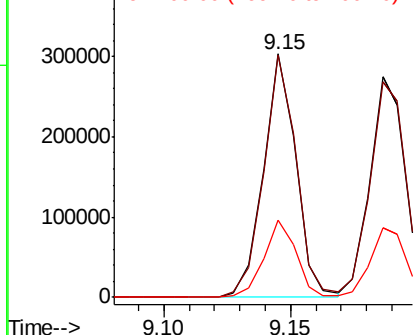
#43
 2,4,6-Trichlorophenol
 Concen: 35.004 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF115753.D
 Acq: 25 Jul 2019 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 270012
 Ion Ratio Lower Upper
 196 100
 198 99.7 80.6 121.0
 200 31.7 25.8 38.6



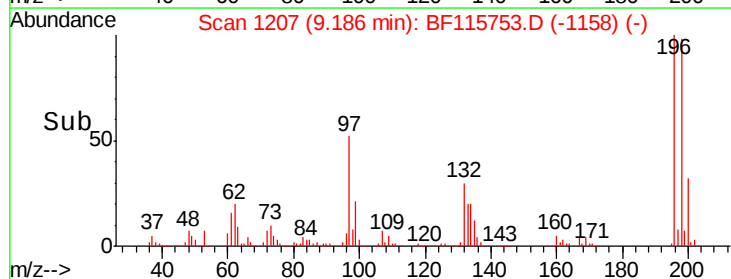
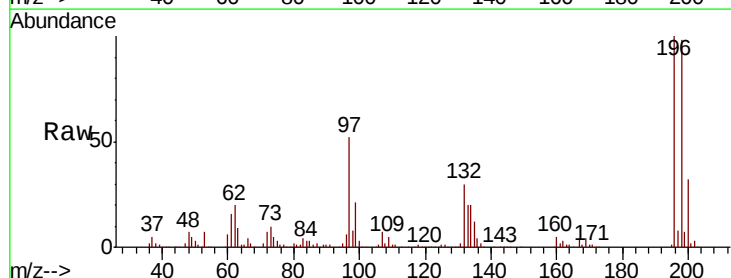
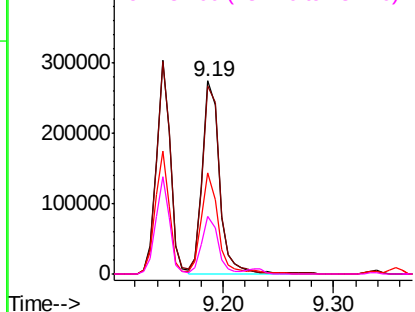
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

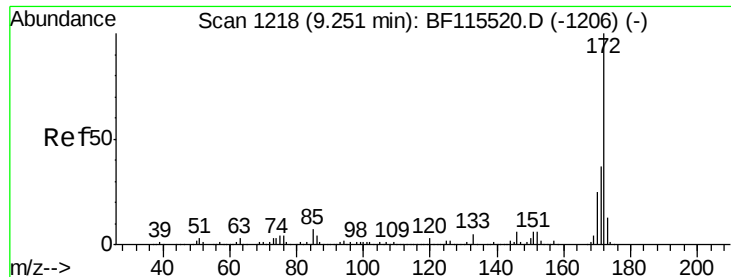


#44
 2,4,5-Trichlorophenol
 Concen: 36.270 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF115753.D
 Acq: 25 Jul 2019 11:33

Tgt Ion:196 Resp: 286520
 Ion Ratio Lower Upper
 196 100
 198 97.7 79.6 119.4
 97 52.4 37.8 56.6
 132 30.1 22.8 34.2

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

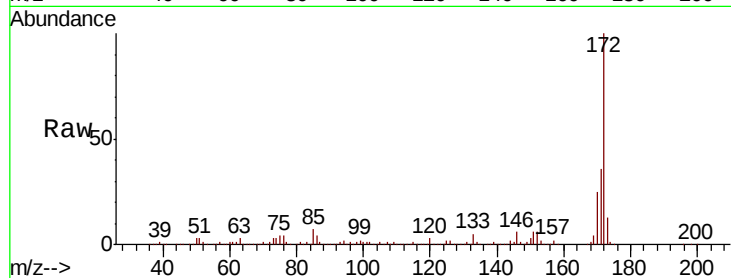




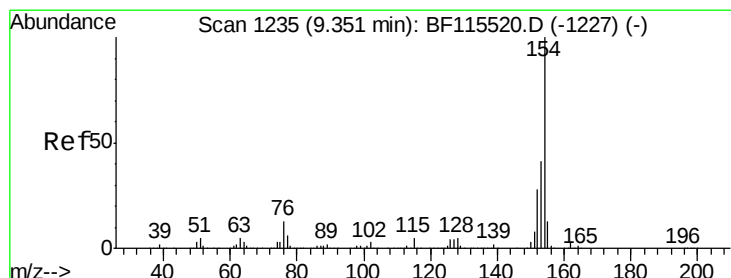
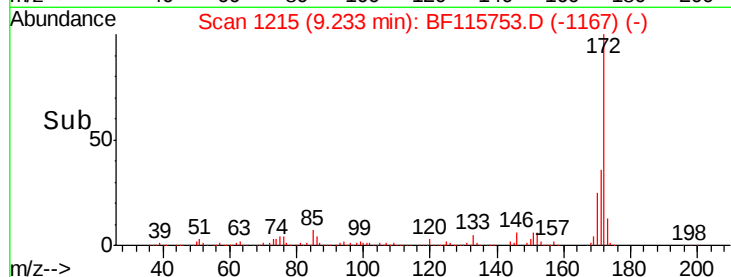
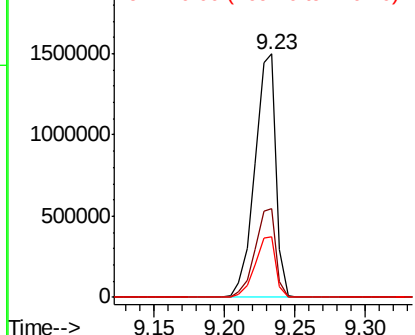
#45
2-Fluorobiphenyl
Concen: 78.990 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1580785
Ion Ratio Lower Upper
172 100
171 36.2 30.6 46.0
170 25.1 20.5 30.7

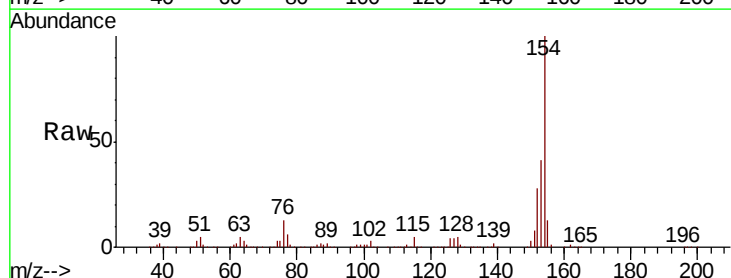


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

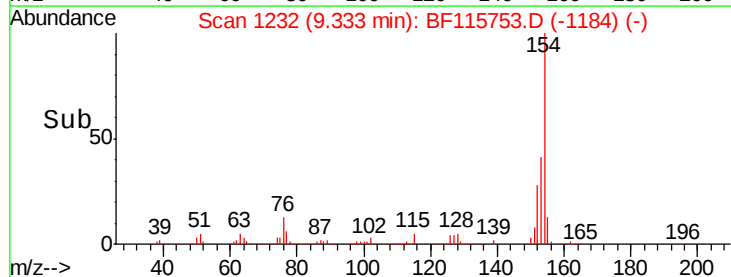
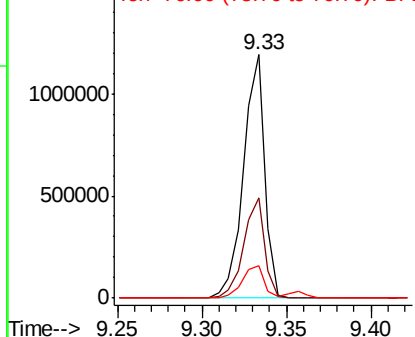


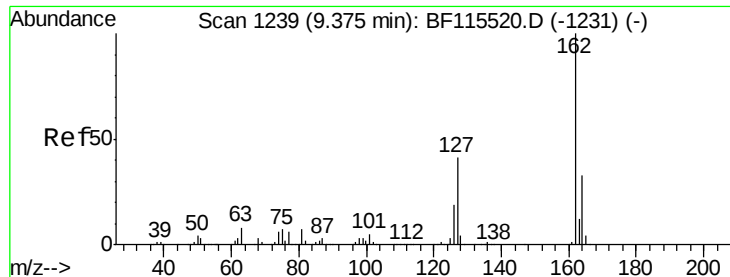
#46
1,1'-Biphenyl
Concen: 37.967 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion:154 Resp: 1039676
Ion Ratio Lower Upper
154 100
153 41.4 22.6 62.6
76 13.2 0.0 33.4



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

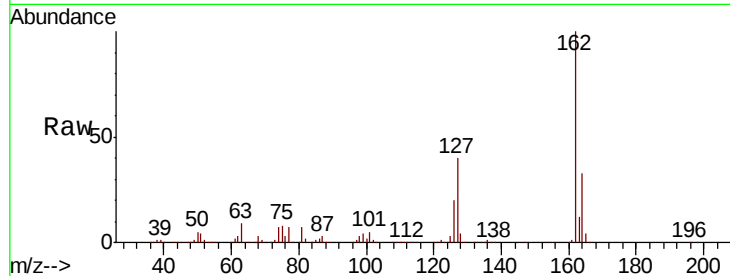




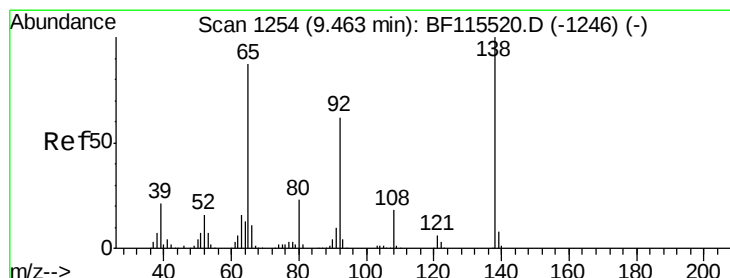
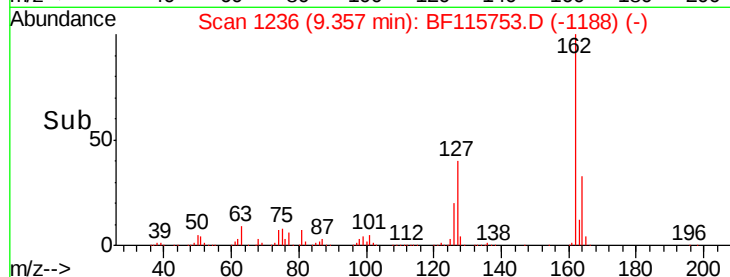
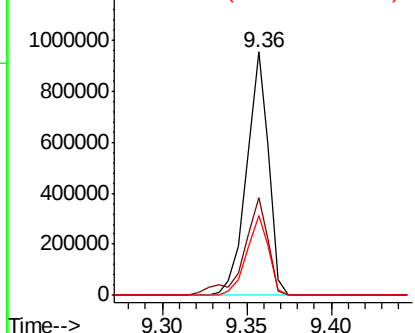
#47
 2-Chloronaphthalene
 Concen: 37.947 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.02 min
 Lab File: BF115753.D
 Acq: 25 Jul 2019 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	34.1	51.1
164	32.8	27.4	41.2

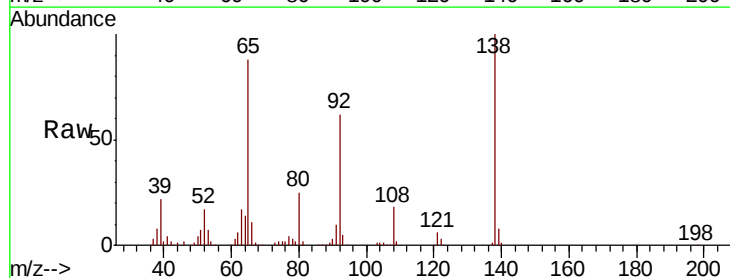


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

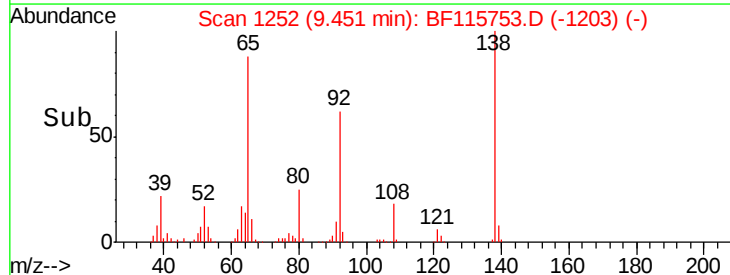
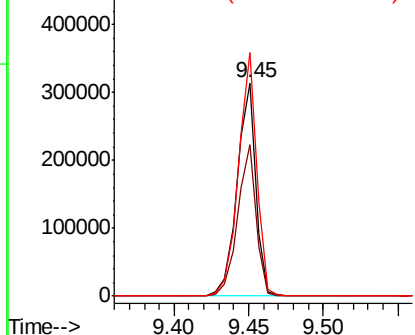


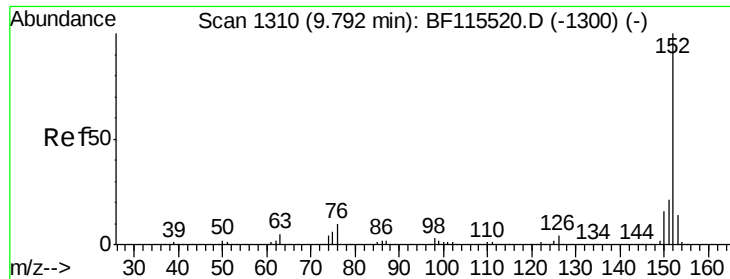
#48
 2-Nitroaniline
 Concen: 39.369 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF115753.D
 Acq: 25 Jul 2019 11:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	57.8	86.6
138	114.3	91.2	136.8



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





#49

Acenaphthylene

Concen: 38.306 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

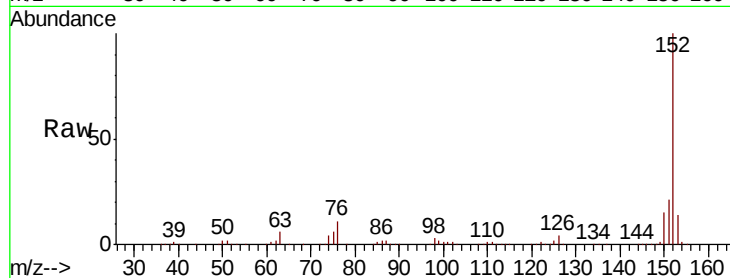
Tot Ion:152 Resp: 1294199

Ion Ratio Lower Upper

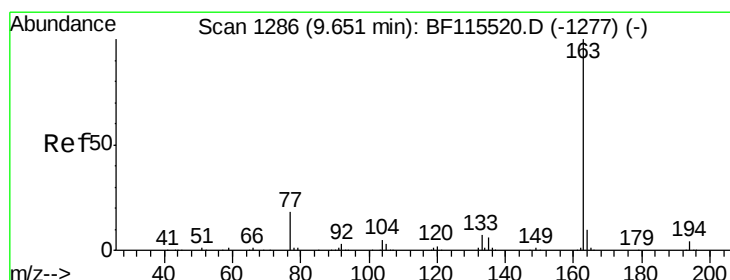
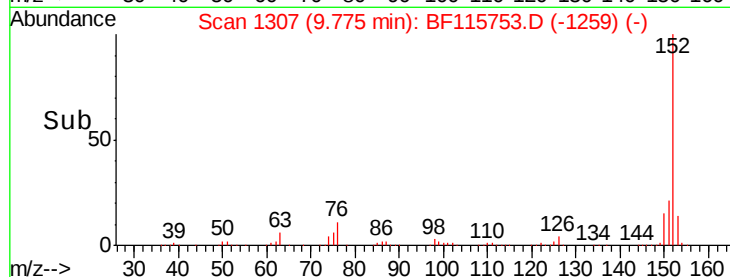
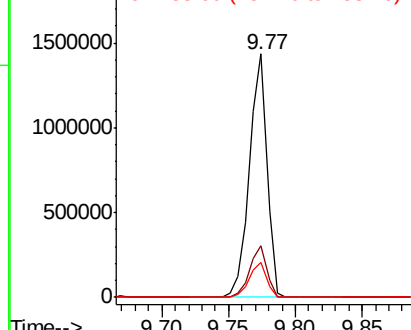
152 100

151 21.1 17.7 26.5

153 14.4 12.0 18.0



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



#50

Dimethylphthalate

Concen: 38.784 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

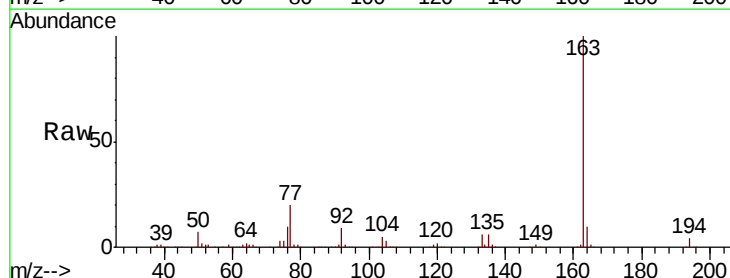
Tgt Ion:163 Resp: 1022098

Ion Ratio Lower Upper

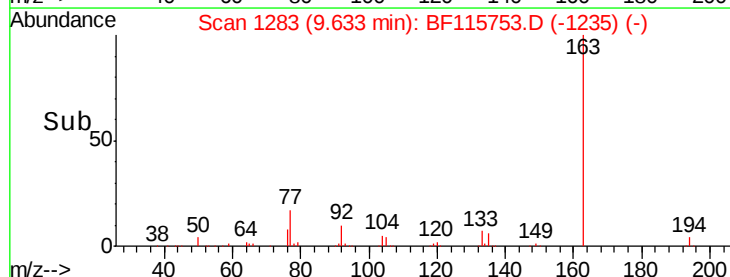
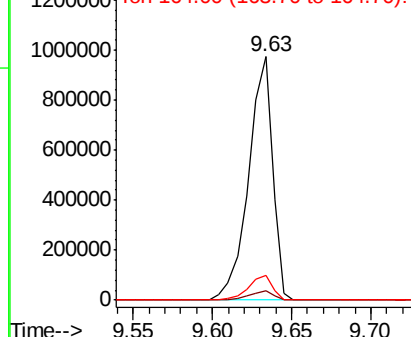
163 100

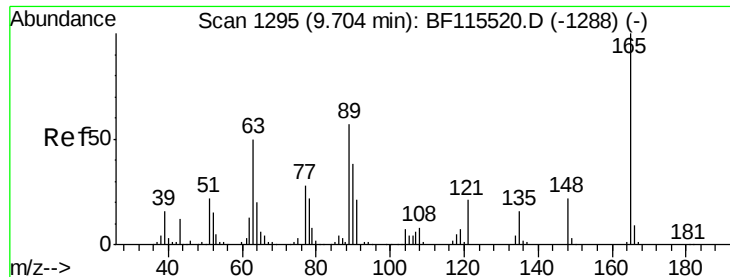
194 4.0 3.3 4.9

164 10.4 8.7 13.1



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

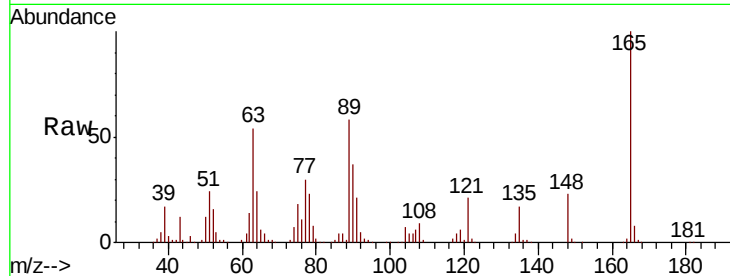




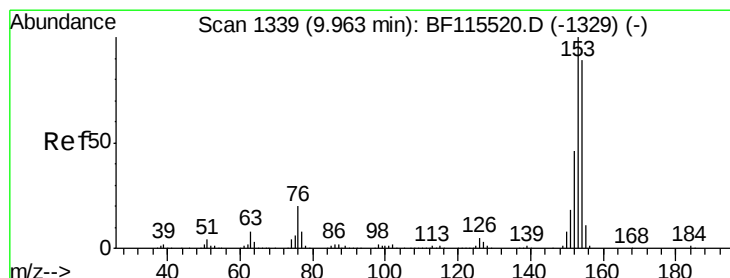
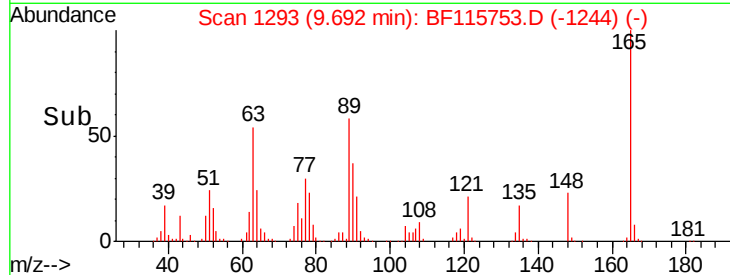
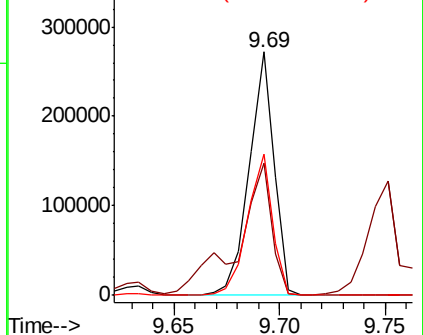
#51
2,6-Dinitrotoluene
Concen: 37.438 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 224217
Ion Ratio Lower Upper
165 100
63 54.4 40.6 61.0
89 57.9 43.9 65.9

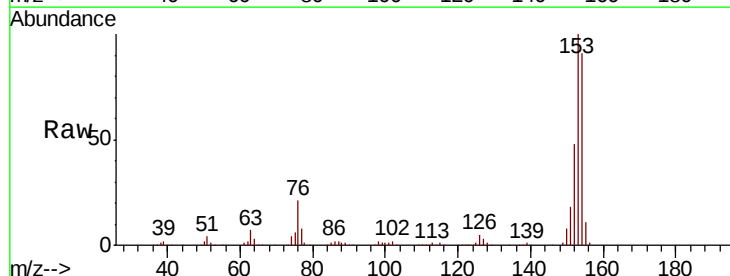


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

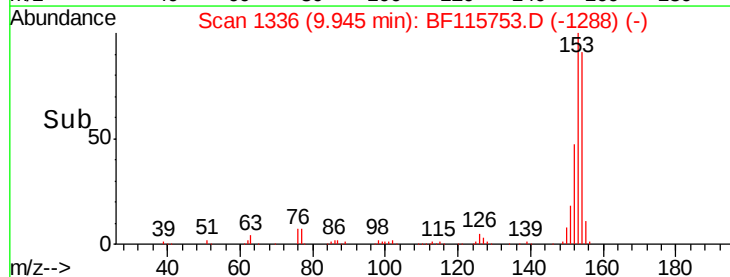
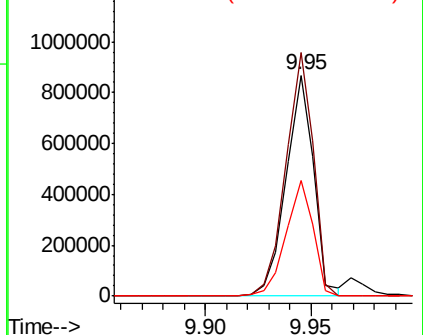


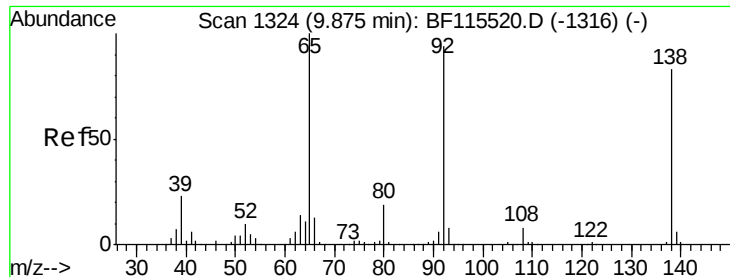
#52
Acenaphthene
Concen: 36.456 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion:154 Resp: 795207
Ion Ratio Lower Upper
154 100
153 110.1 88.6 133.0
152 52.5 42.3 63.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

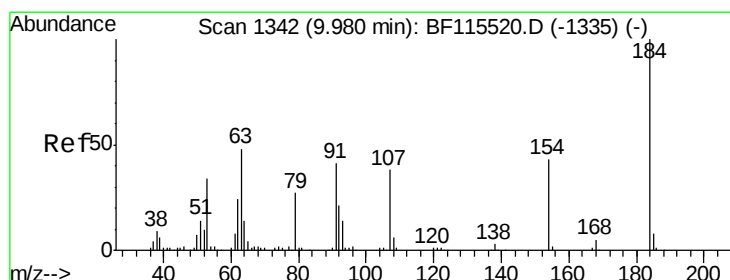
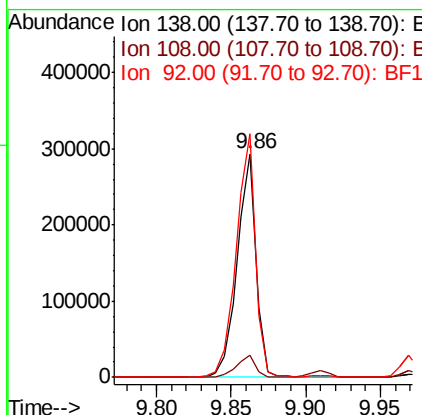
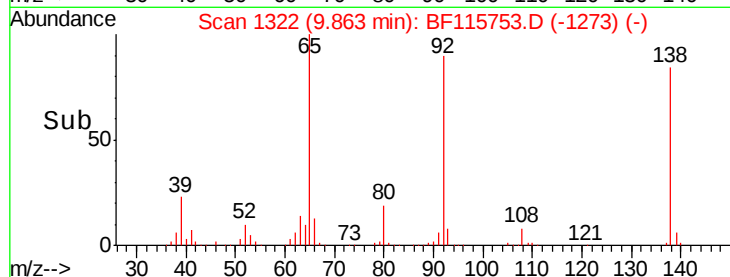
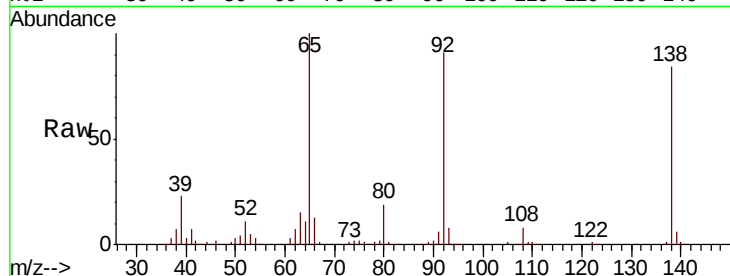




#53
3-Nitroaniline
Concen: 38.215 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

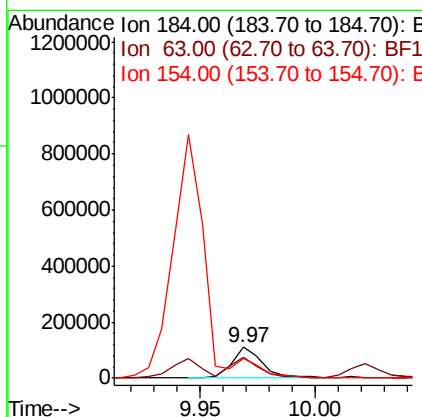
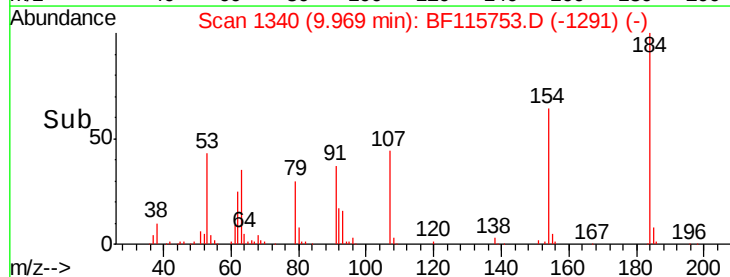
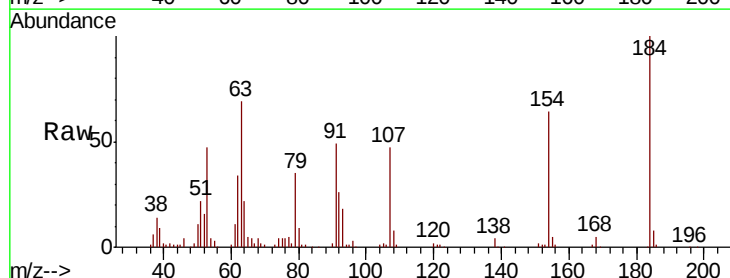
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

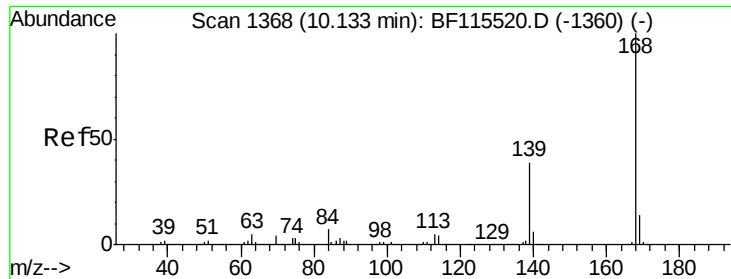
Tot Ion:138 Resp: 261541
Ion Ratio Lower Upper
138 100
108 9.9 8.4 12.6
92 109.0 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 34.133 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion:184 Resp: 104954
Ion Ratio Lower Upper
184 100
63 69.0 48.7 73.1
154 64.2 48.6 73.0





#55

Dibenzofuran

Concen: 37.316 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

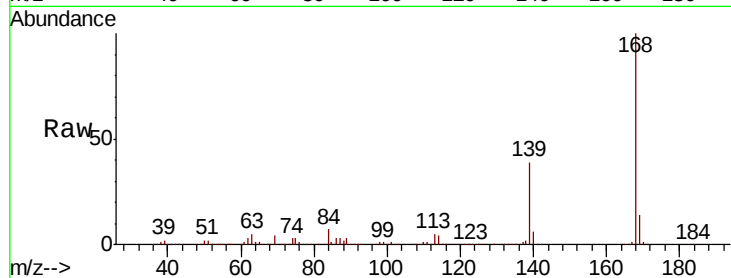
Tot Ion:168 Resp: 1155920

Ion Ratio Lower Upper

168 100

139 39.3 31.1 46.7

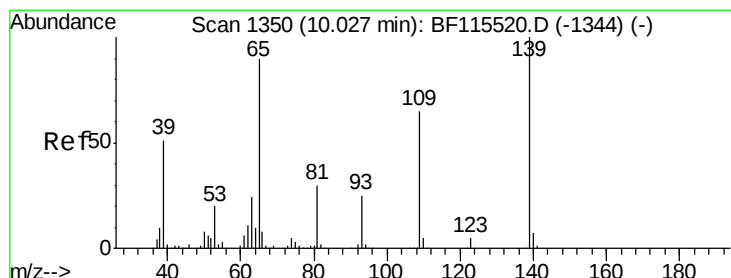
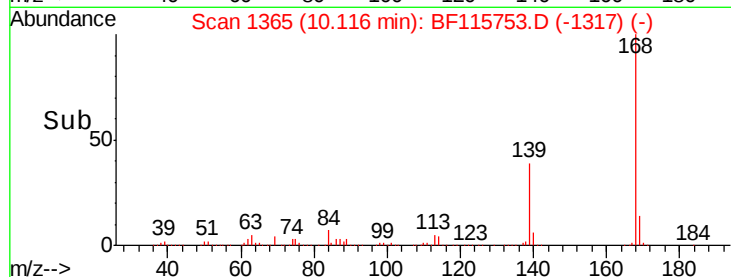
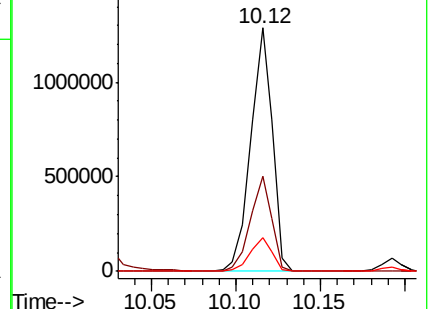
169 14.1 11.1 16.7



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: 33.814 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

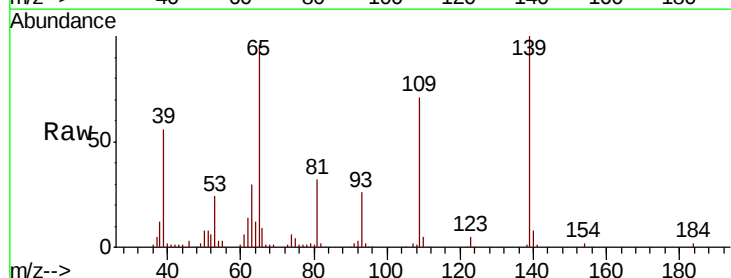
Tgt Ion:139 Resp: 176472

Ion Ratio Lower Upper

139 100

109 71.2 46.4 86.4

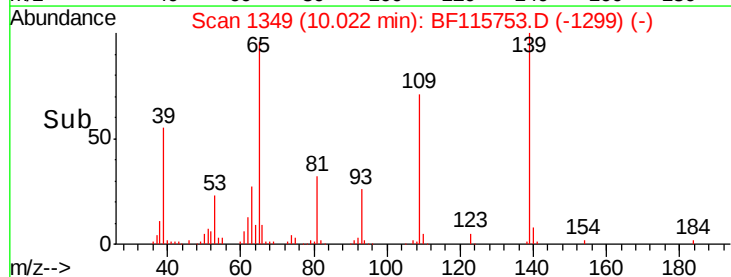
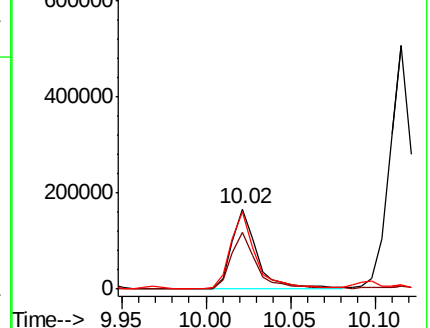
65 96.0 68.9 108.9



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

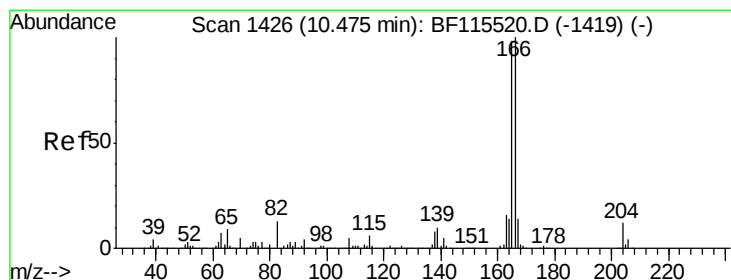
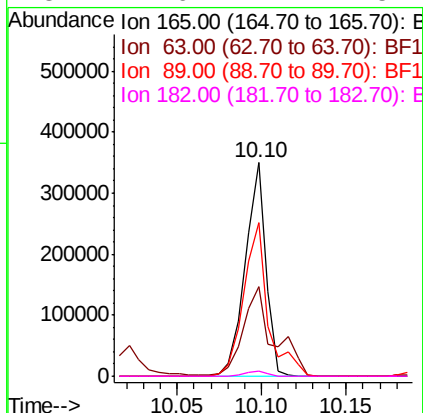
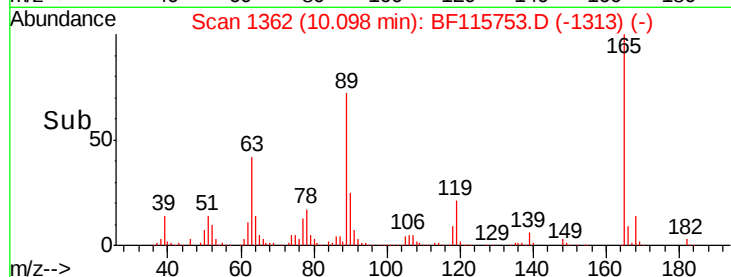
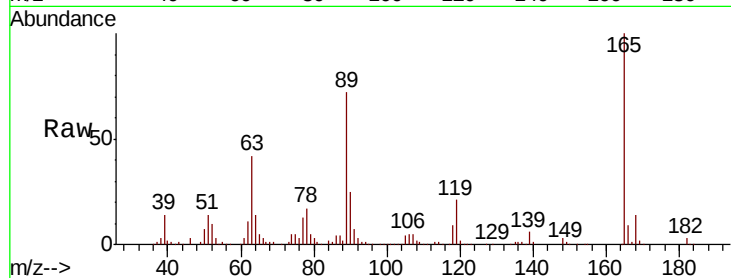




#57
2,4-Dinitrotoluene
Concen: 38.701 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

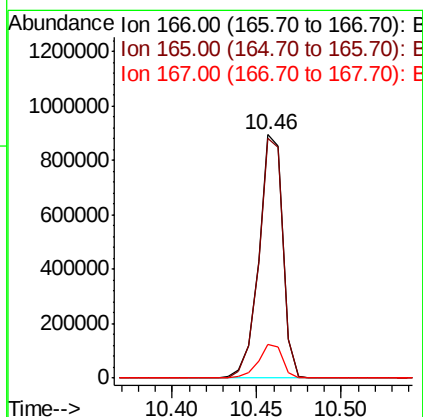
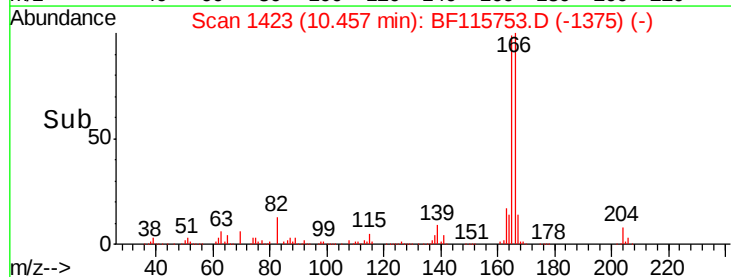
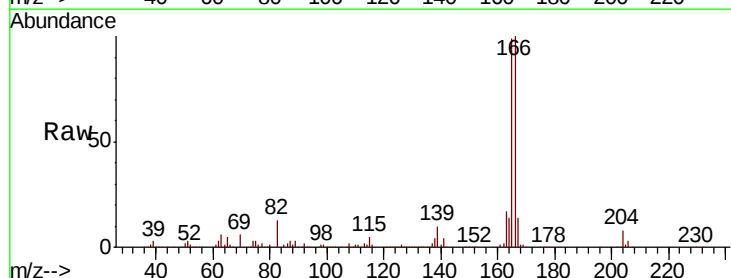
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165	Resp:	300281
Ion	Ratio	Lower Upper
165	100	
63	41.8	34.9 52.3
89	71.6	57.5 86.3
182	2.6	2.2 3.4



#58
Fluorene
Concen: 39.641 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion:166	Resp:	877841
Ion	Ratio	Lower Upper
166	100	
165	98.7	79.8 119.6
167	13.8	11.2 16.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.440 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 247242

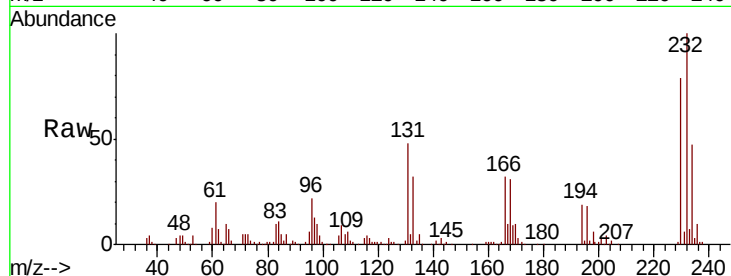
Ion Ratio Lower Upper

232 100

131 44.8 35.9 53.9

130 2.2 1.8 2.6

166 29.5 24.8 37.2

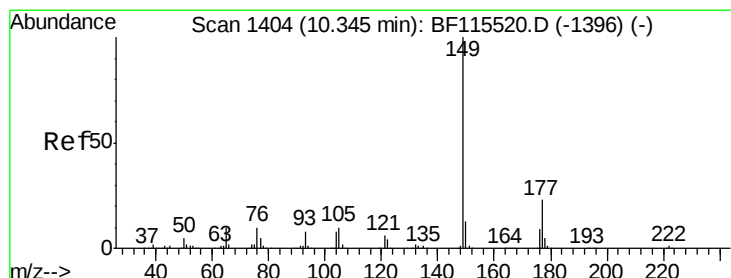
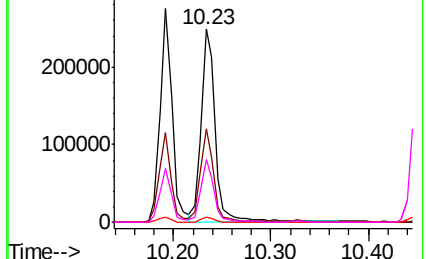
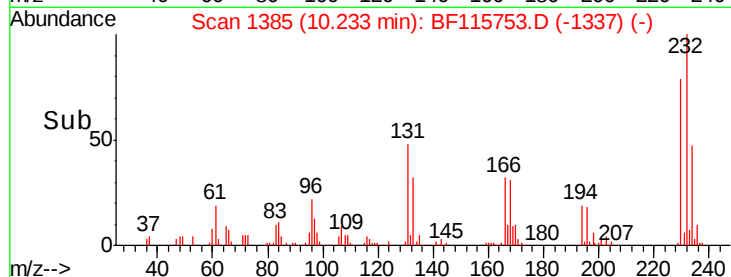


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.682 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

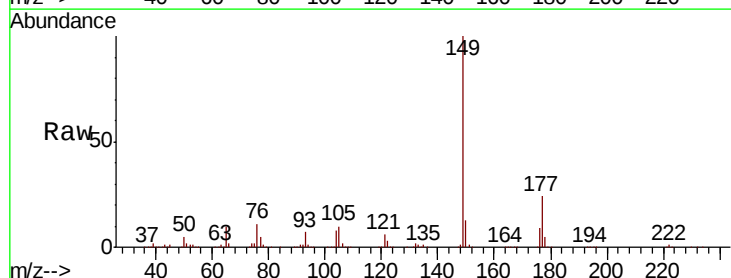
Tgt Ion:149 Resp: 979830

Ion Ratio Lower Upper

149 100

177 23.7 19.5 29.3

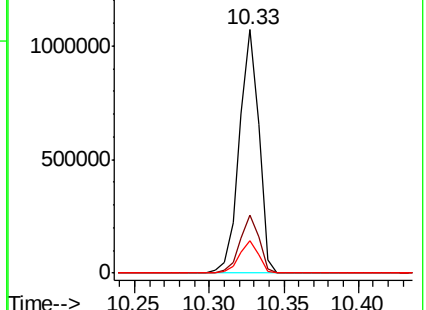
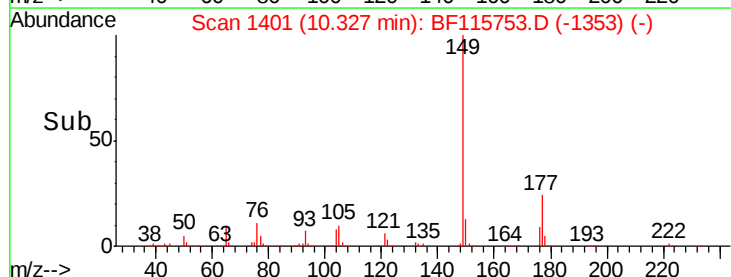
150 13.1 10.4 15.6

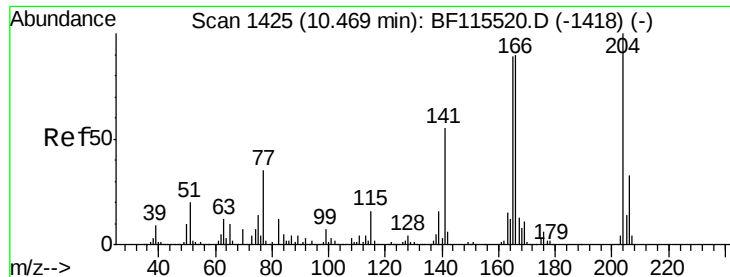


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

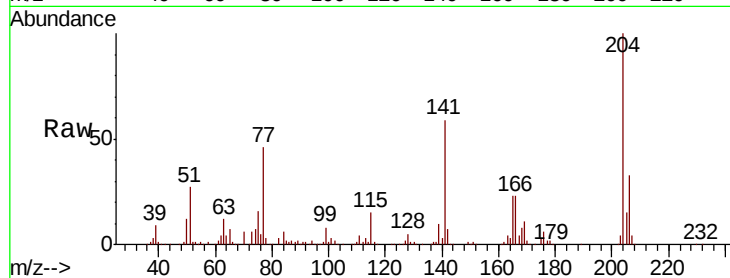




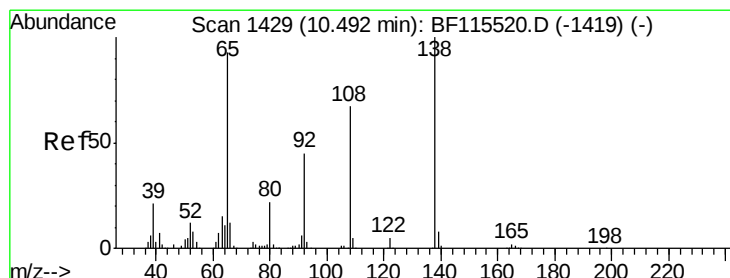
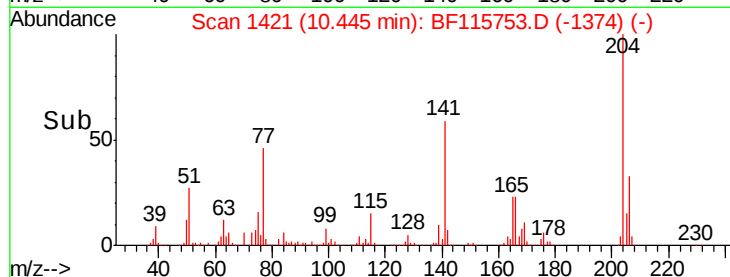
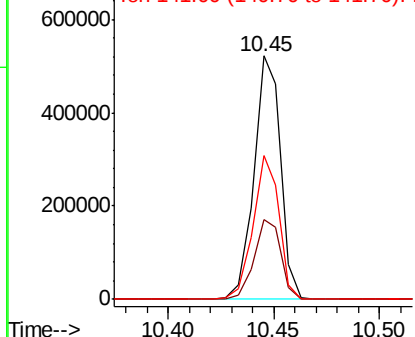
#61
4-Chlorophenyl-phenylether
Concen: 37.132 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 455997
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 59.1 44.2 66.2

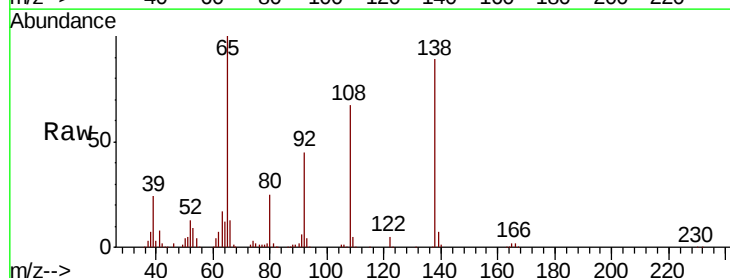


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

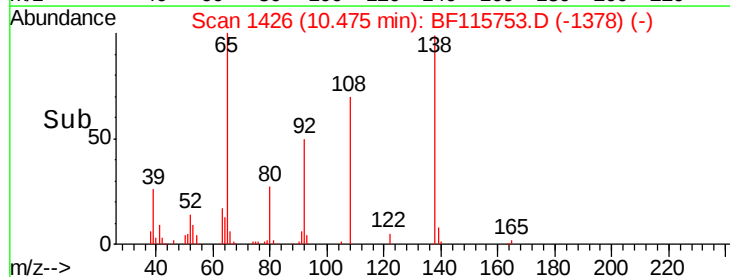
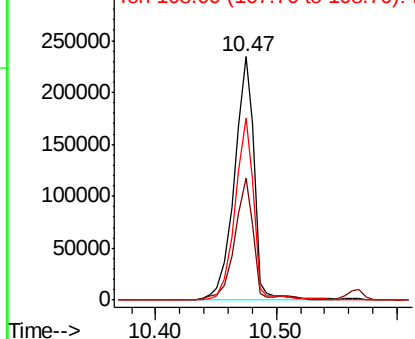


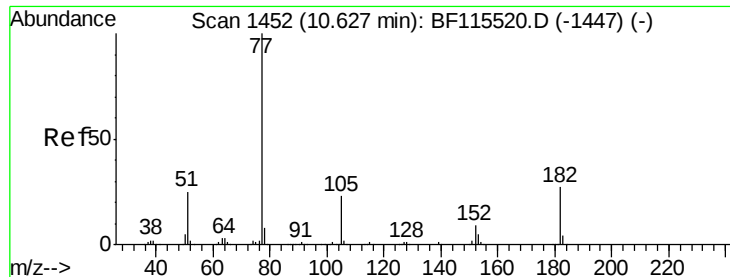
#62
4-Nitroaniline
Concen: 40.903 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion:138 Resp: 268522
Ion Ratio Lower Upper
138 100
92 50.3 27.1 67.1
108 75.0 48.0 88.0



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: 40.845 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 978243

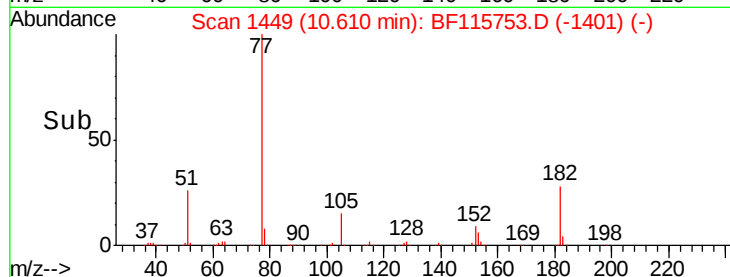
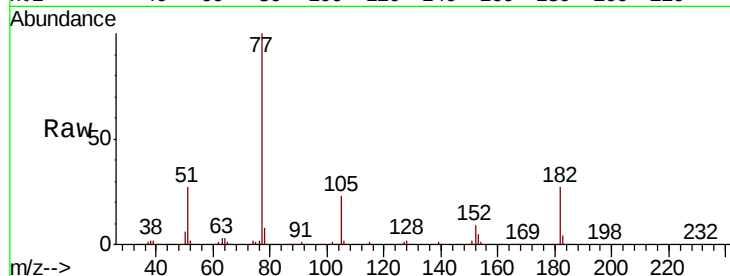
Ion Ratio Lower Upper

77 100

182 26.9 6.9 46.9

105 23.1 3.9 43.9

51 26.7 7.3 47.3

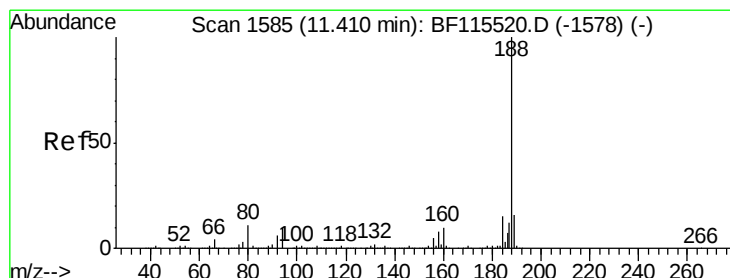
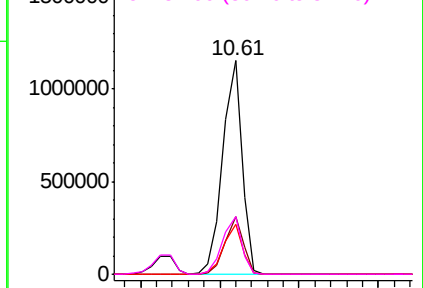


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

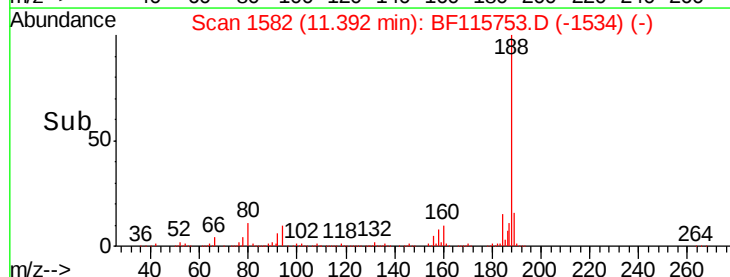
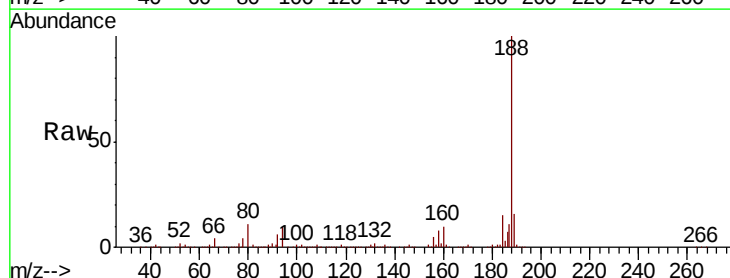
Tgt Ion: 188 Resp: 670981

Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.6

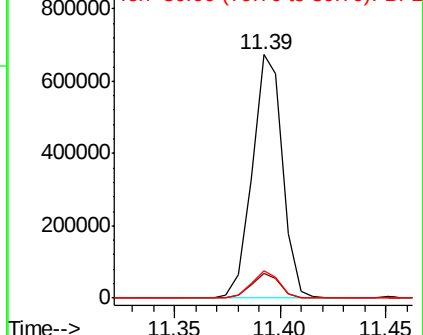
80 11.3 8.6 13.0

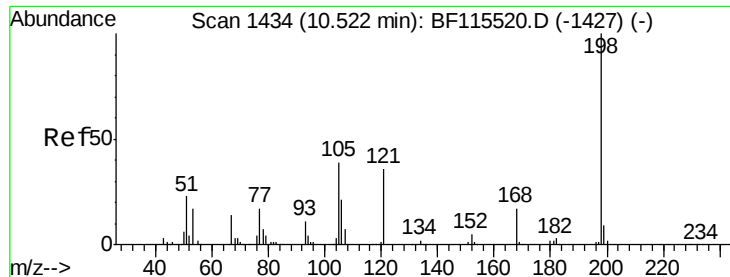


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

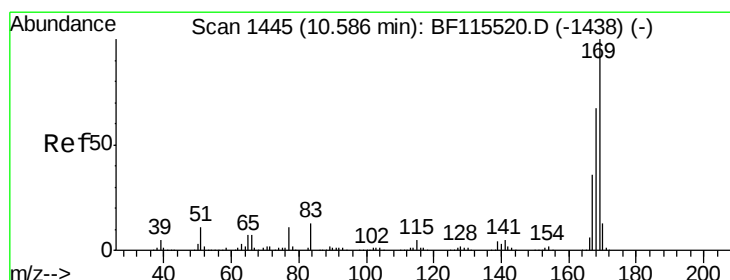
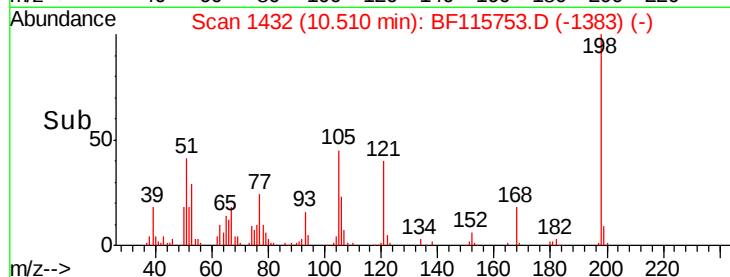
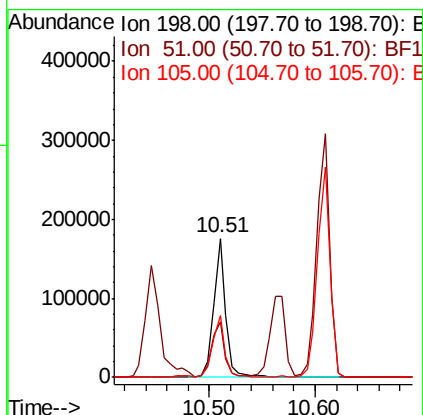
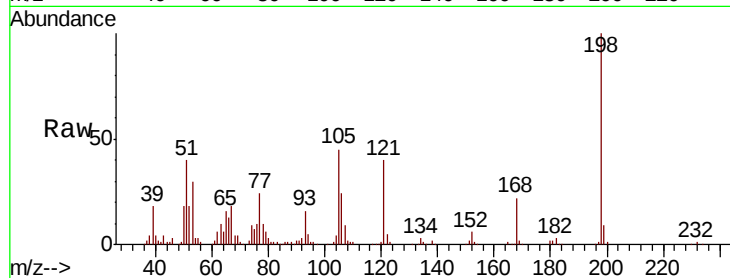




#65
4,6-Dinitro-2-methylphenol
Concen: 35.102 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

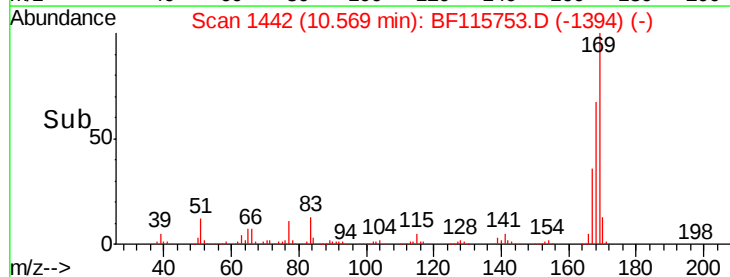
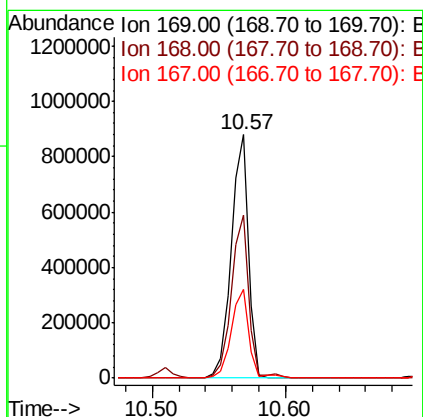
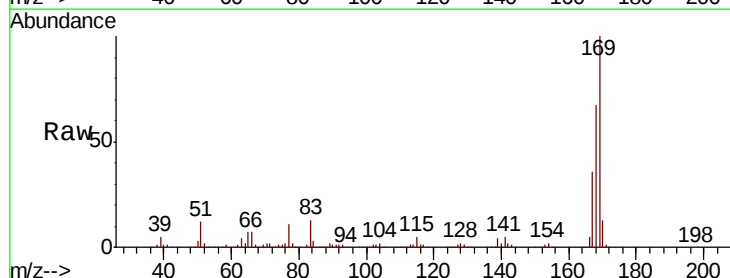
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

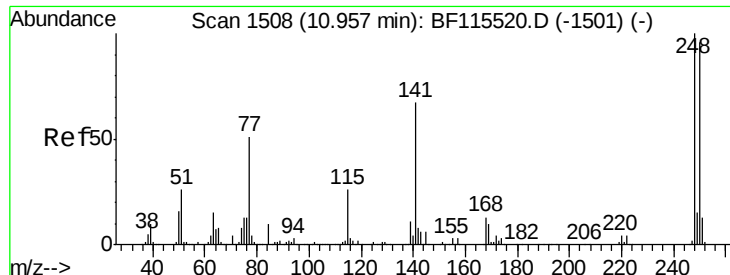
Tot Ion:198 Resp: 143899
Ion Ratio Lower Upper
198 100
51 40.3 19.1 59.1
105 44.7 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 38.409 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion:169 Resp: 801661
Ion Ratio Lower Upper
169 100
168 66.7 54.3 81.5
167 36.4 30.2 45.2

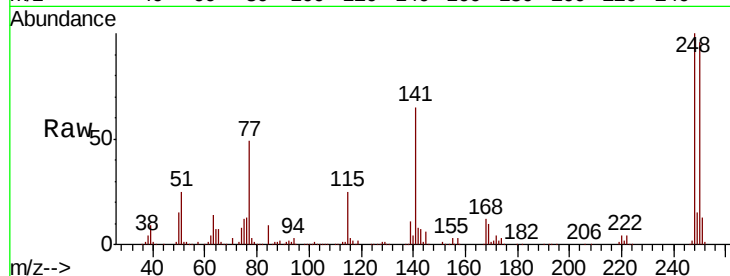




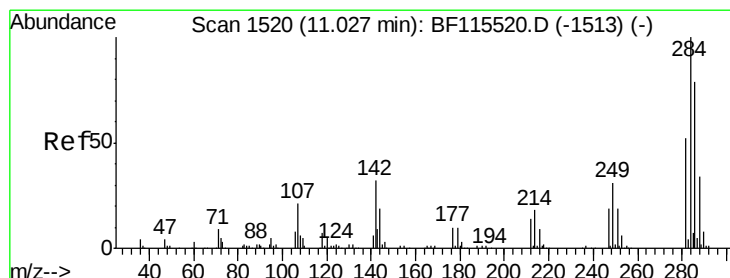
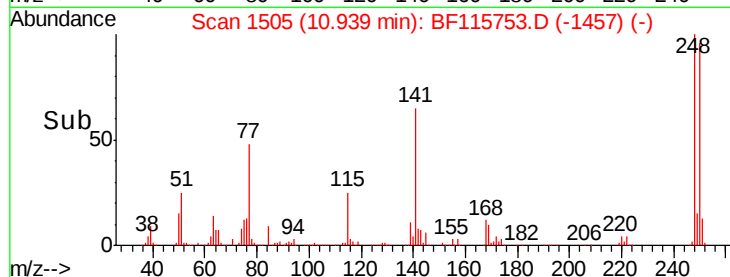
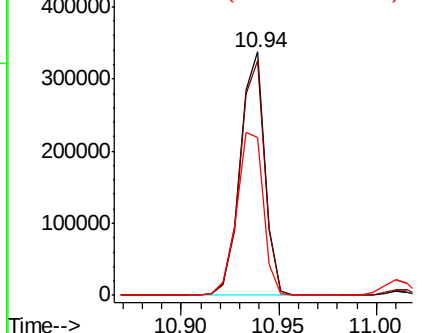
#67
4-Bromophenyl-phenylether
Concen: 38.433 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 294694
Ion Ratio Lower Upper
248 100
250 96.2 78.0 117.0
141 65.1 57.7 86.5

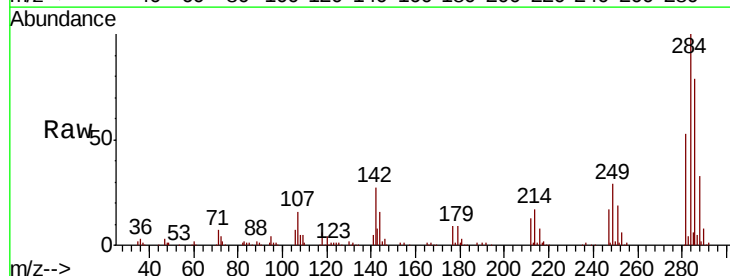


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

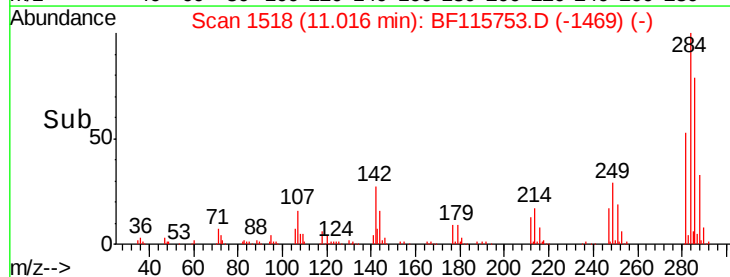
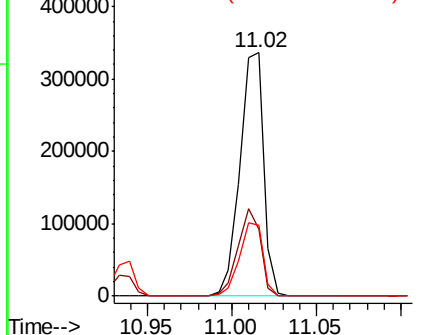


#68
Hexachlorobenzene
Concen: 37.733 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion:284 Resp: 330406
Ion Ratio Lower Upper
284 100
142 27.3 22.2 33.2
249 28.9 23.4 35.2



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

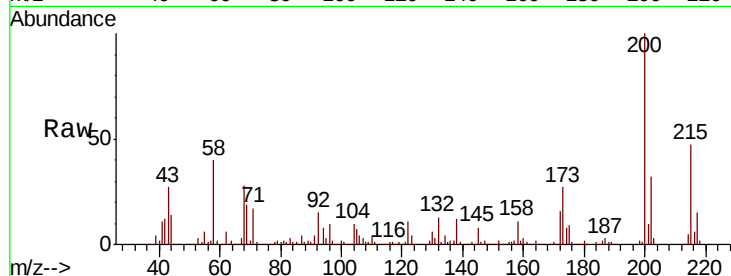




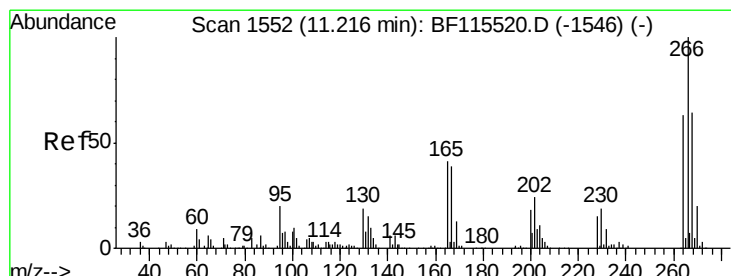
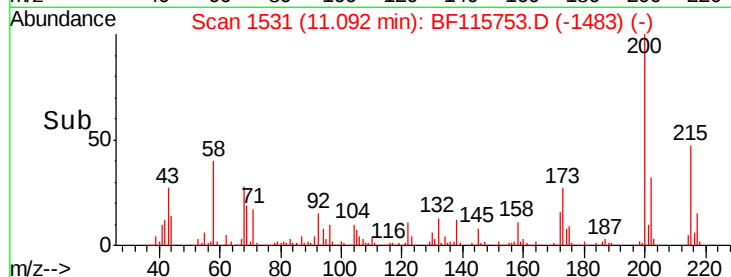
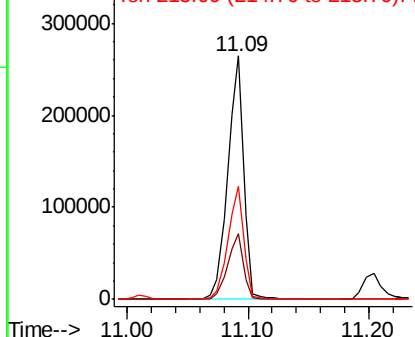
#69
Atrazine
Concen: 35.245 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:200 Resp: 241328
Ion Ratio Lower Upper
200 100
173 26.9 6.9 46.9
215 46.6 27.9 67.9

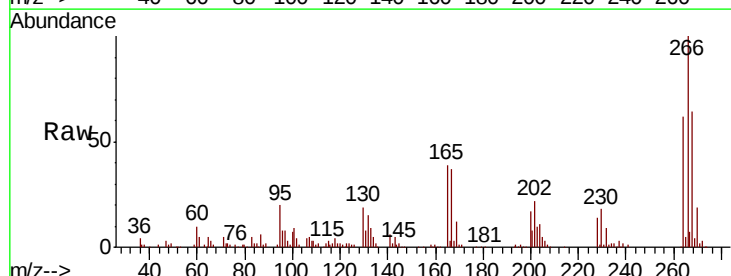


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

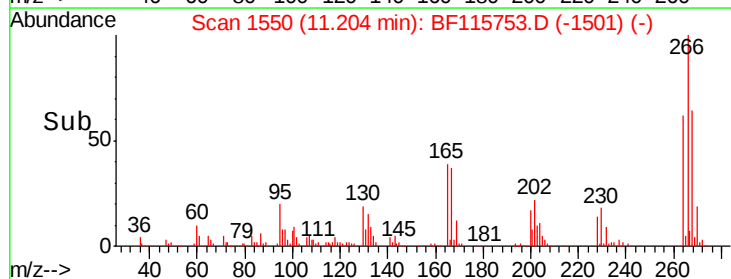
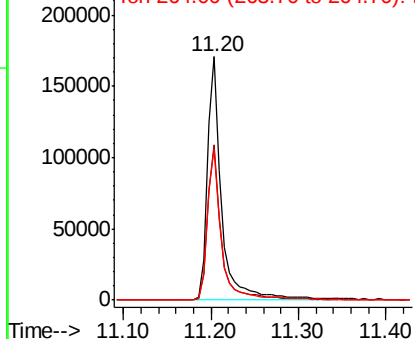


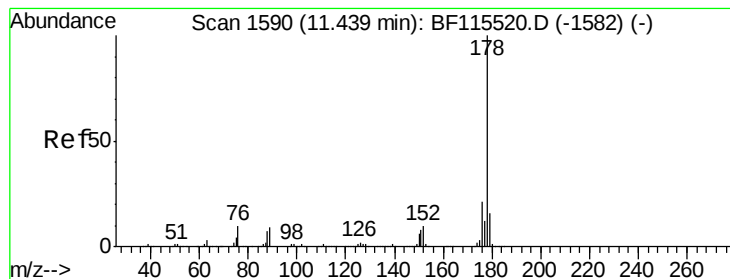
#70
Pentachlorophenol
Concen: 36.155 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion:266 Resp: 193633
Ion Ratio Lower Upper
266 100
268 64.0 51.6 77.4
264 62.5 50.6 76.0



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: 38.276 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

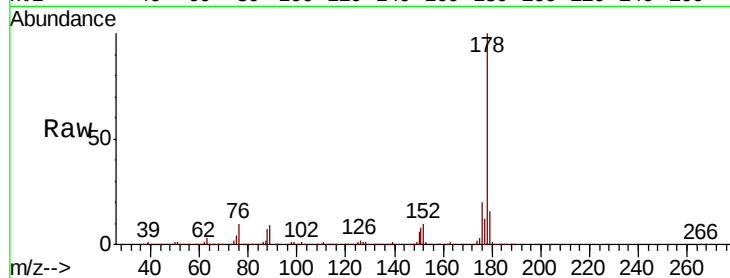
Tot Ion:178 Resp: 1316463

Ion Ratio Lower Upper

178 100

176 20.5 17.2 25.8

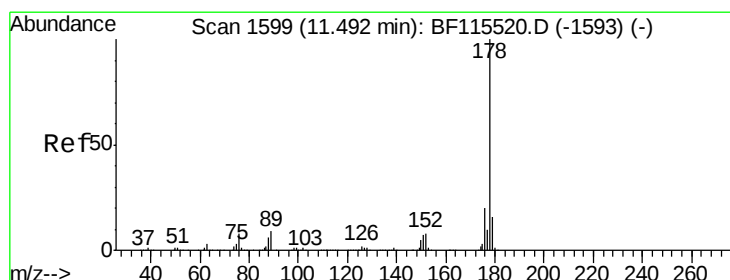
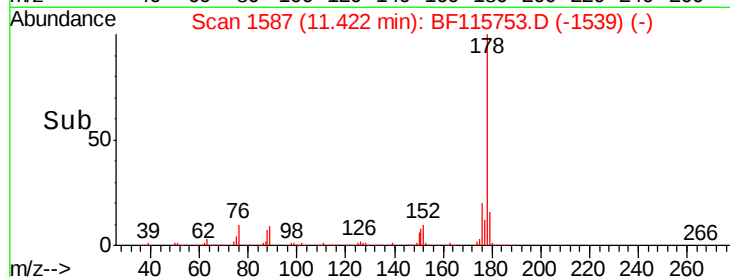
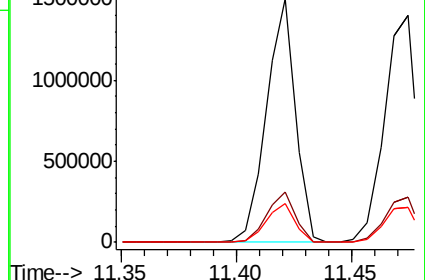
179 15.9 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.306 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

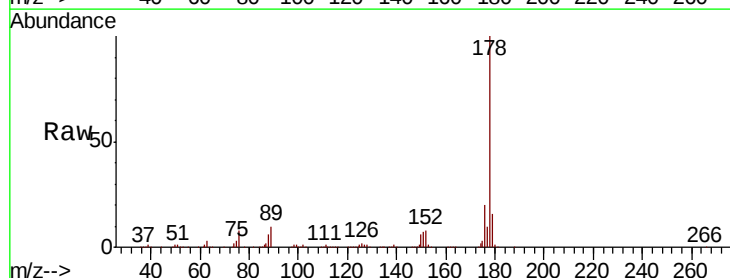
Tgt Ion:178 Resp: 1361579

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

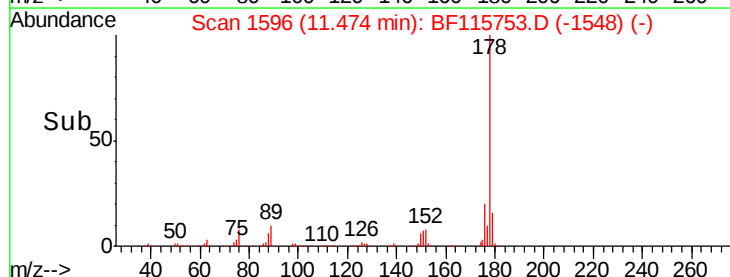
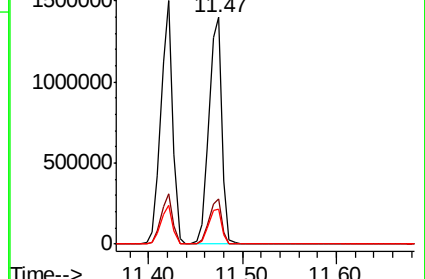
179 15.7 12.7 19.1

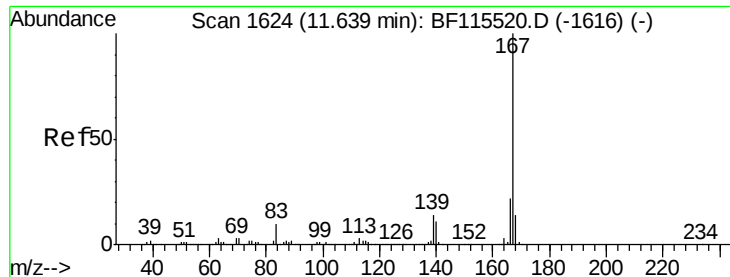


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



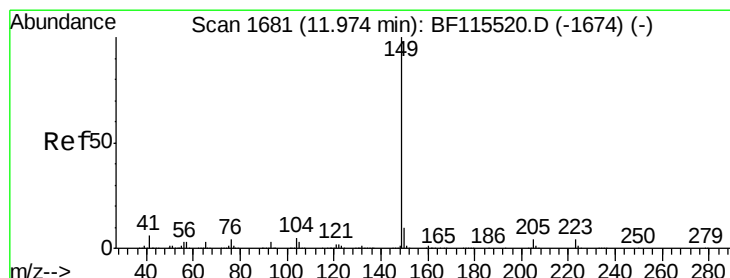
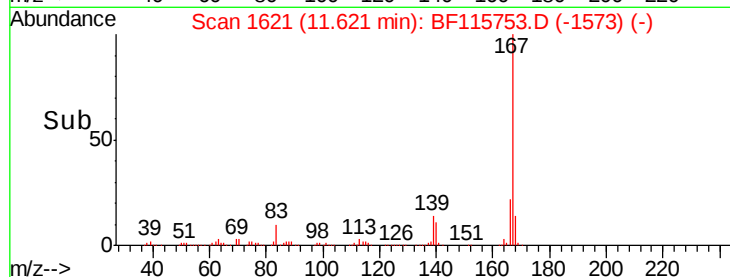
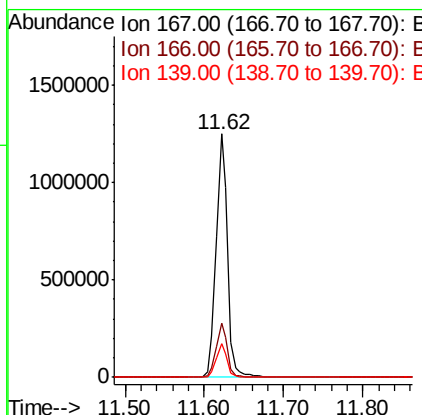
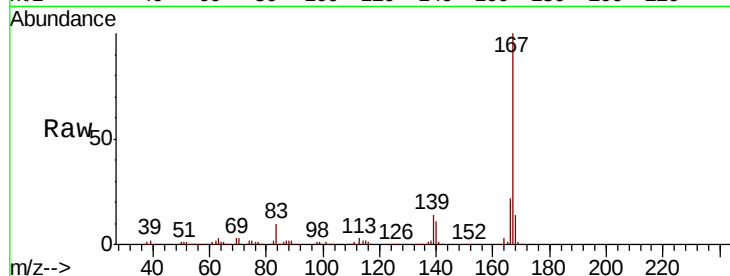


#73
 Carbazole
 Concen: 39.871 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BF115753.D
 Acq: 25 Jul 2019 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1242784

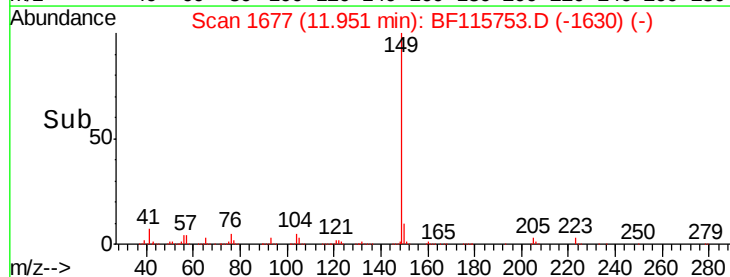
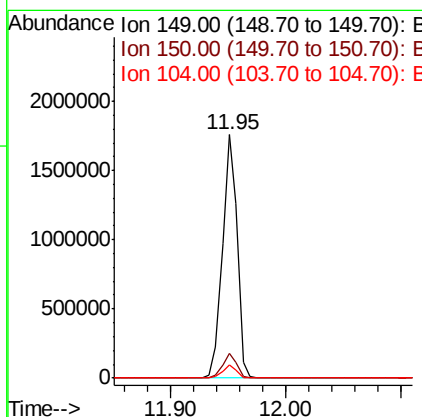
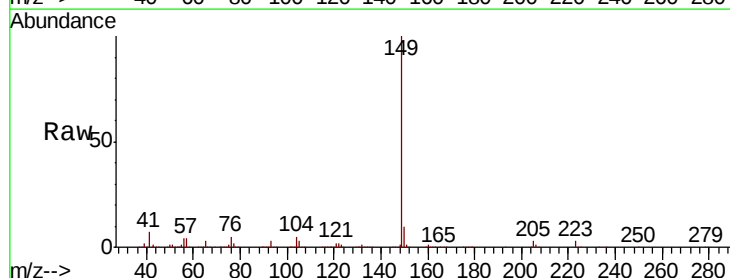
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	13.9	11.3	16.9

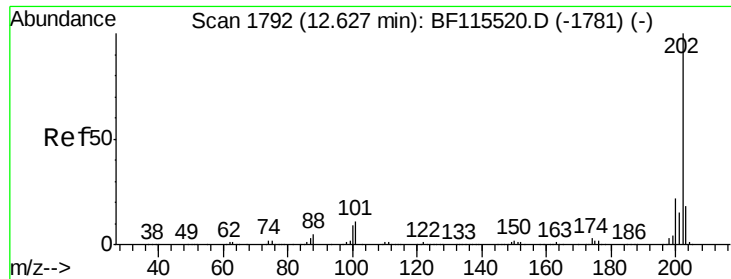


#74
 Di-n-butylphthalate
 Concen: 40.235 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BF115753.D
 Acq: 25 Jul 2019 11:33

Tgt Ion:149 Resp: 1544816

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.4	3.8	5.8

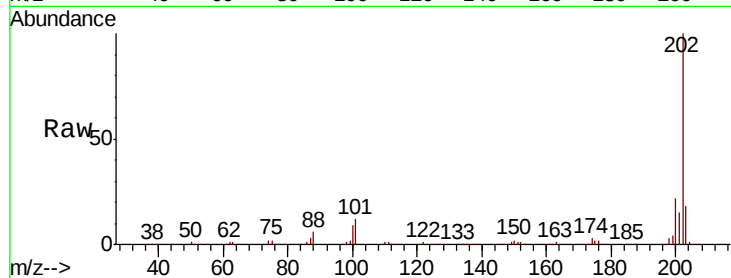




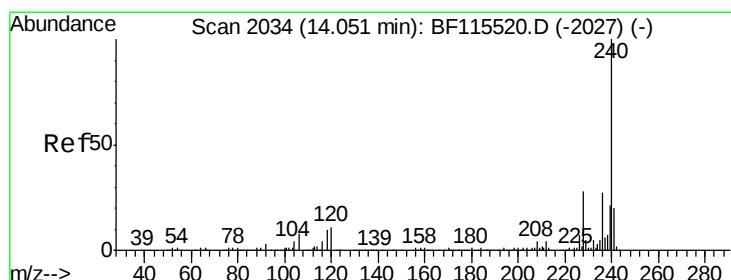
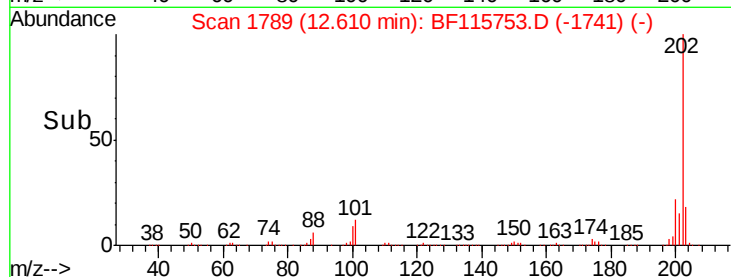
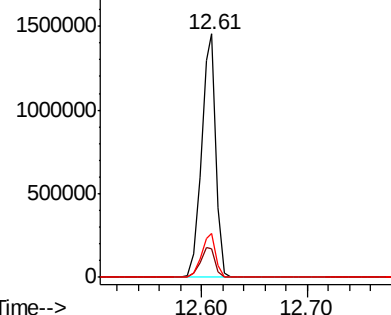
#75
Fluoranthene
Concen: 38.394 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1395440
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 18.0 0.0 38.1

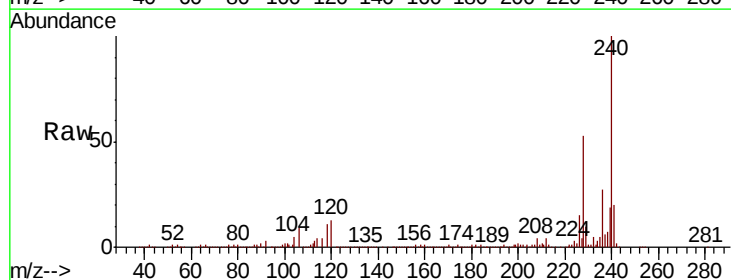


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

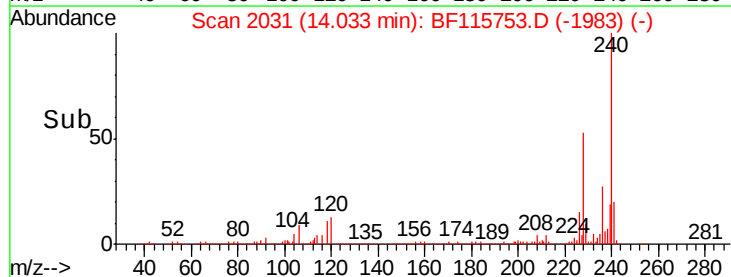
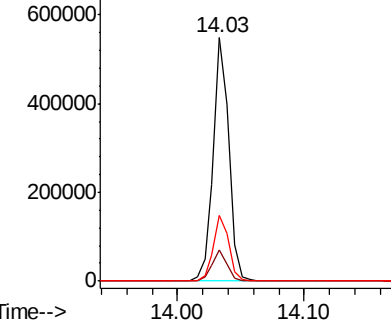


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion:240 Resp: 467907
Ion Ratio Lower Upper
240 100
120 12.5 8.6 13.0
236 27.2 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.800 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

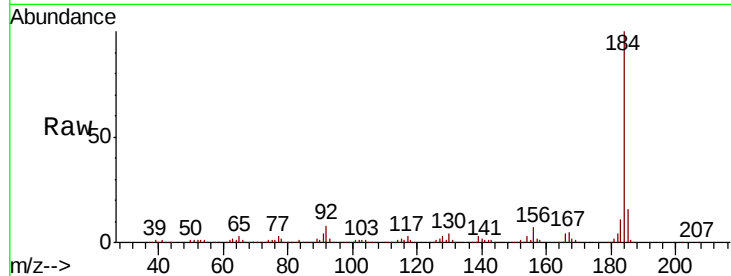
Tot Ion:184 Resp: 626568

Ion Ratio Lower Upper

184 100

185 15.6 12.0 18.0

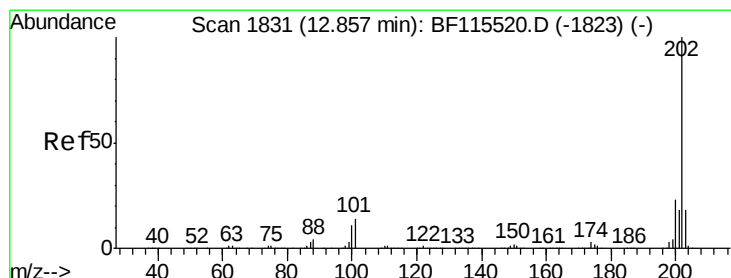
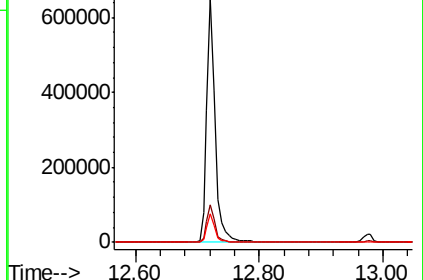
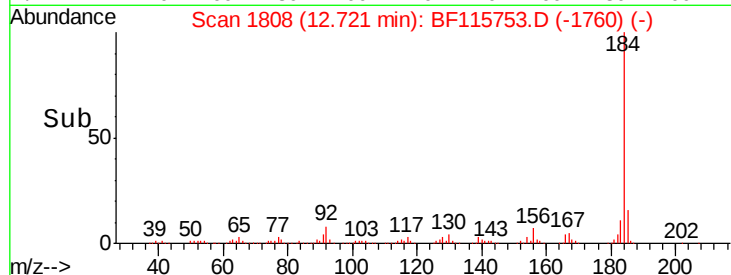
183 11.5 9.3 13.9



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: 35.181 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

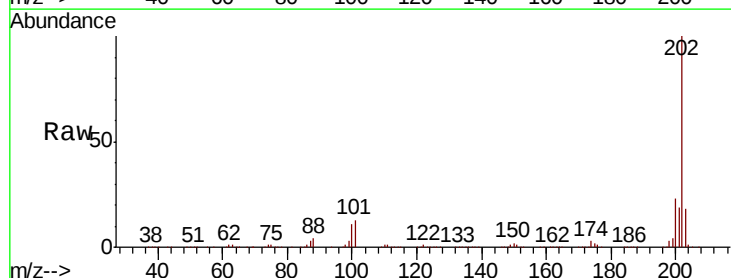
Tgt Ion:202 Resp: 1394659

Ion Ratio Lower Upper

202 100

200 22.8 18.7 28.1

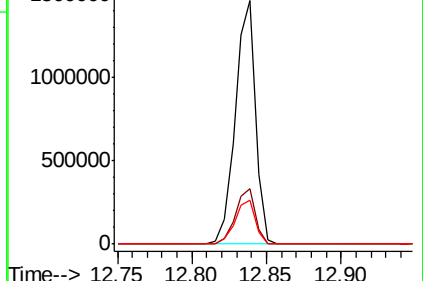
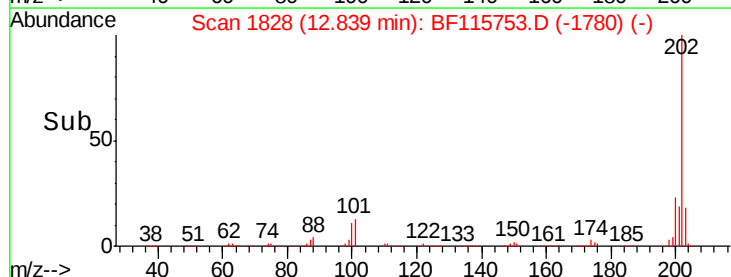
203 18.2 15.2 22.8



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: 71.440 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

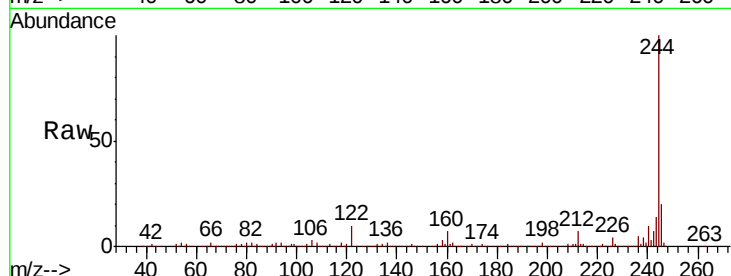
Tot Ion:244 Resp: 1811605

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

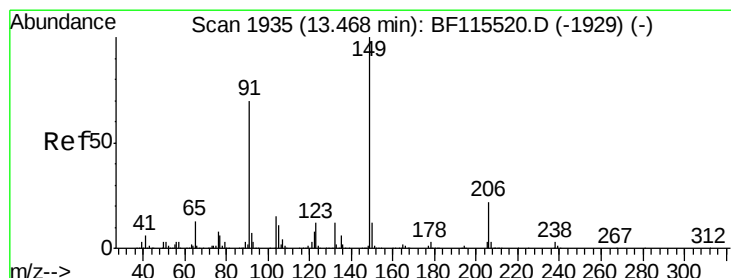
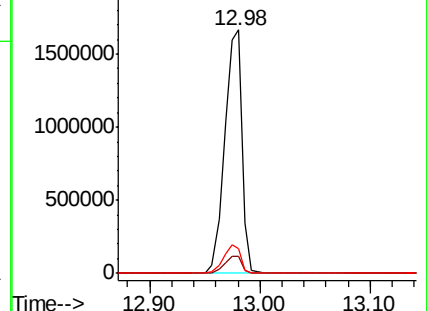
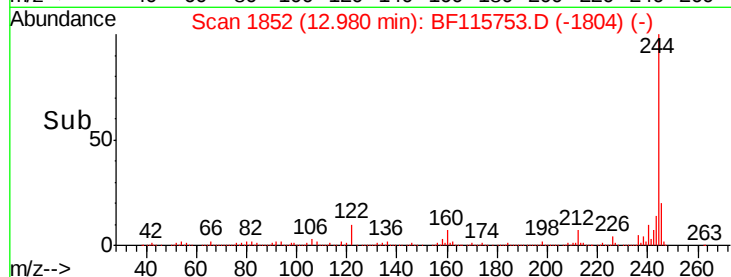
122 10.3 8.6 12.8



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: 38.557 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

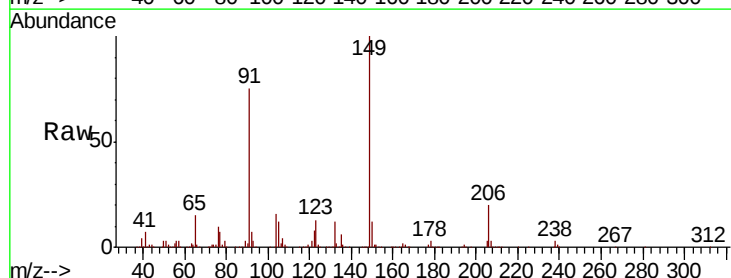
Tgt Ion:149 Resp: 651595

Ion Ratio Lower Upper

149 100

91 74.8 55.8 83.8

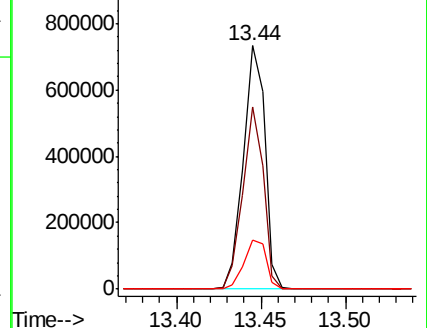
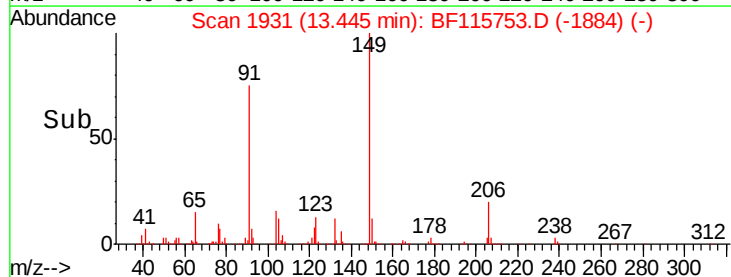
206 20.3 18.2 27.2



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: 38.765 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Instrument :

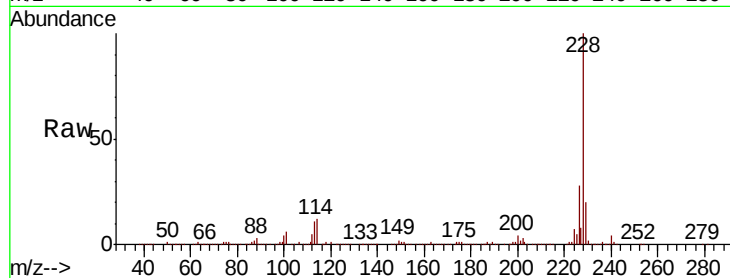
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1194977

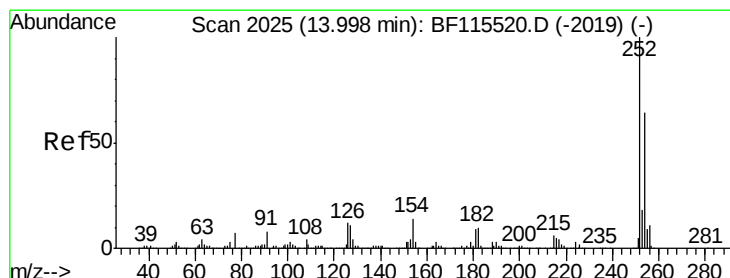
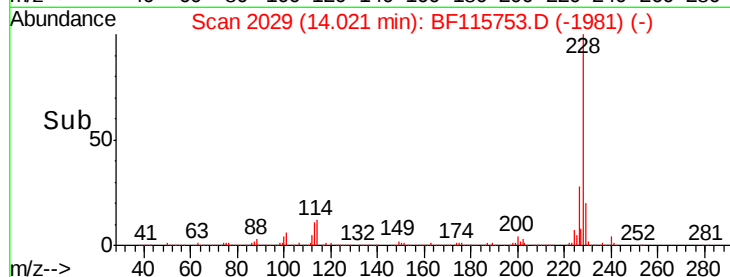
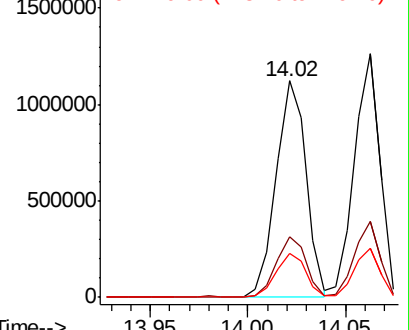
Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.4	35.0
229	20.1	17.2	25.8



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: 38.391 ng

RT: 13.98 min Scan# 2022

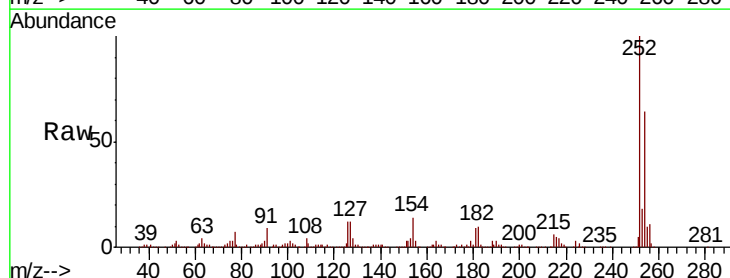
Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Tgt Ion:252 Resp: 420708

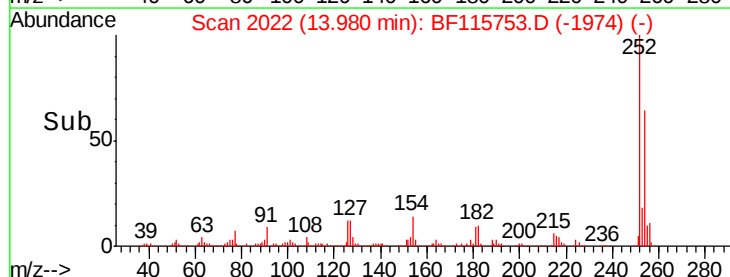
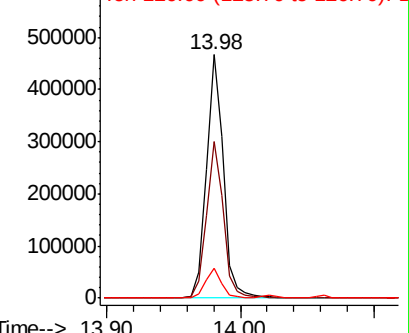
Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.9	79.3
126	12.4	9.9	14.9

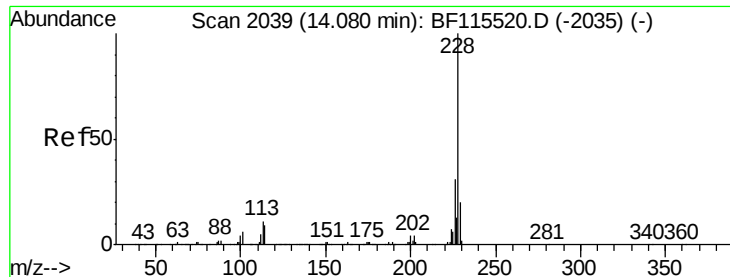


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.335 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

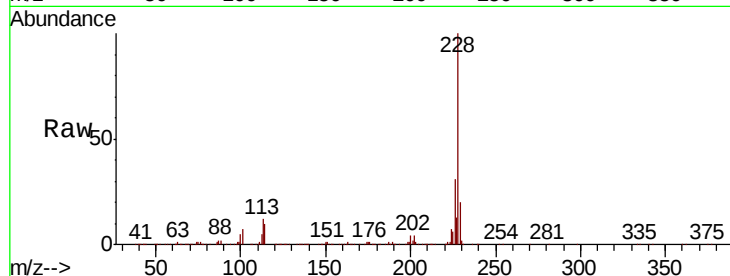
Tot Ion:228 Resp: 1155323

Ion Ratio Lower Upper

228 100

226 31.2 25.7 38.5

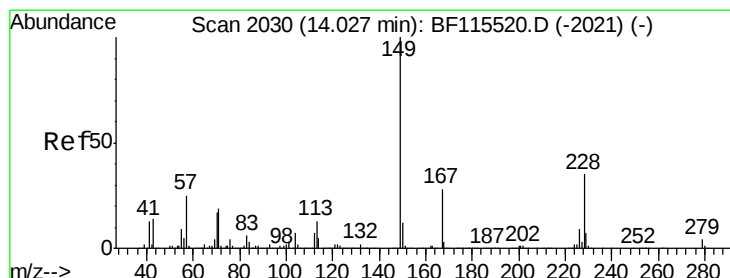
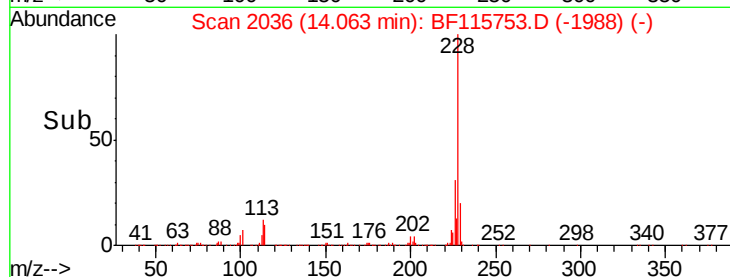
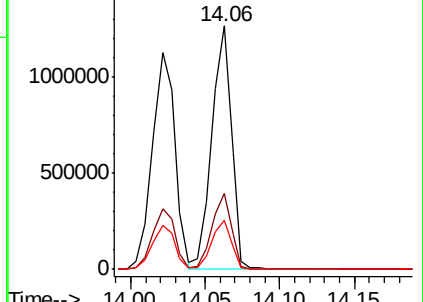
229 20.2 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.384 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

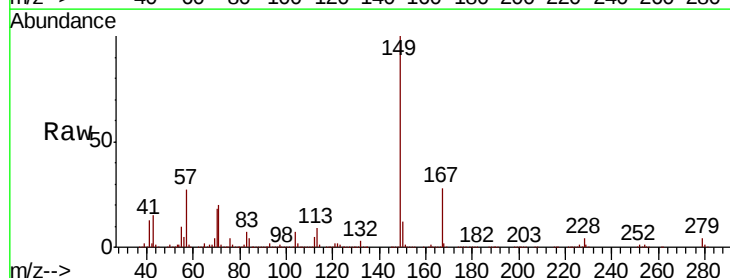
Tgt Ion:149 Resp: 887234

Ion Ratio Lower Upper

149 100

167 28.1 23.0 34.4

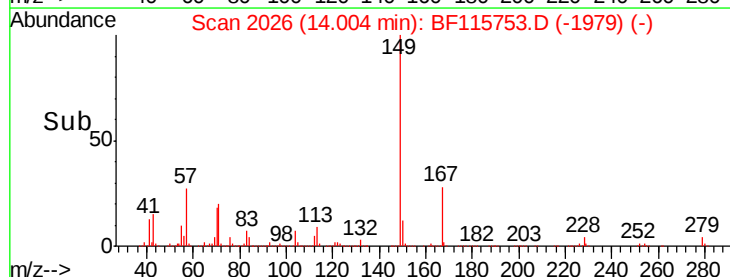
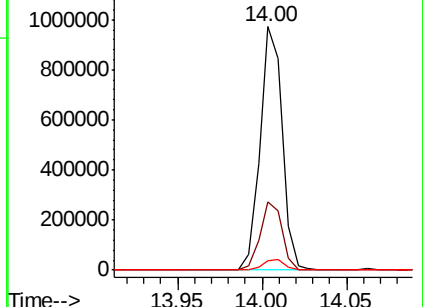
279 3.9 4.2 6.2#

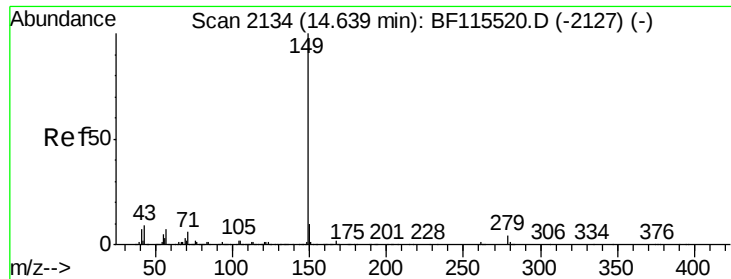


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.824 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

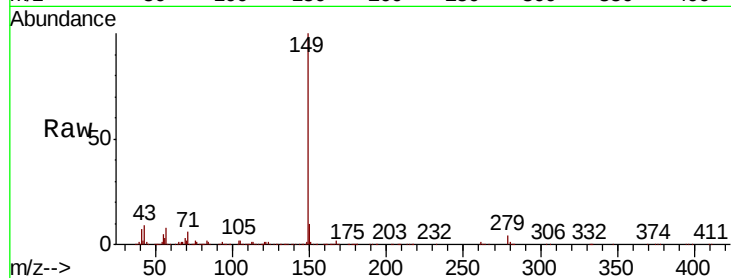
Tot Ion:149 Resp: 1393008

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

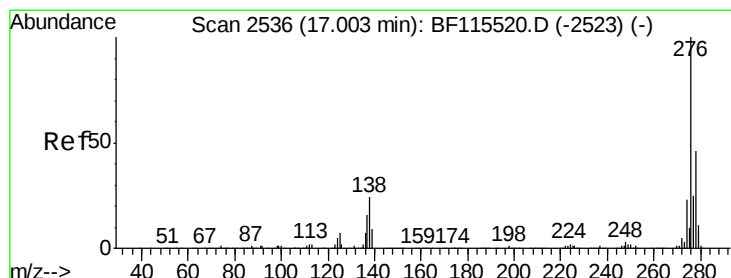
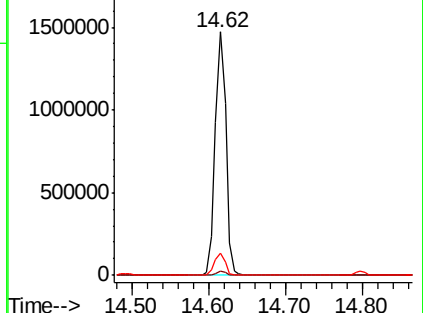
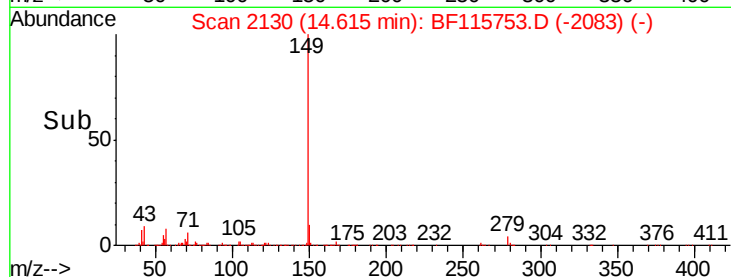
43 9.2 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.211 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF115753.D

Acq: 25 Jul 2019 11:33

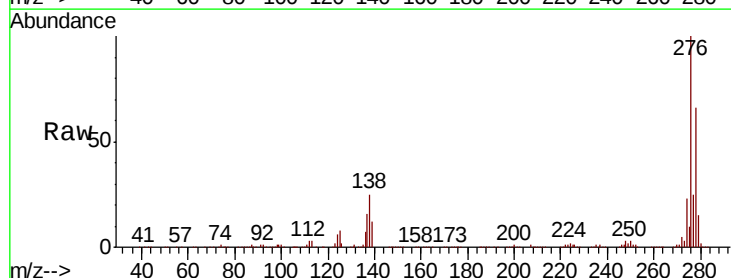
Tgt Ion:276 Resp: 1057154

Ion Ratio Lower Upper

276 100

138 25.1 20.2 30.2

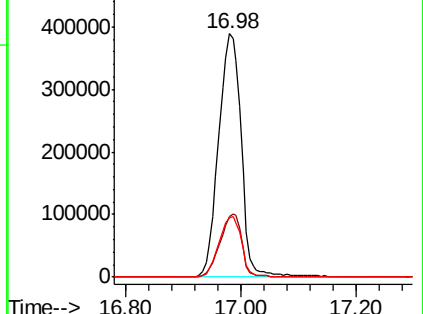
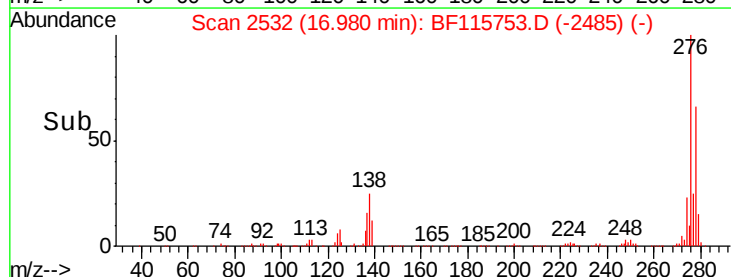
277 24.8 20.4 30.6

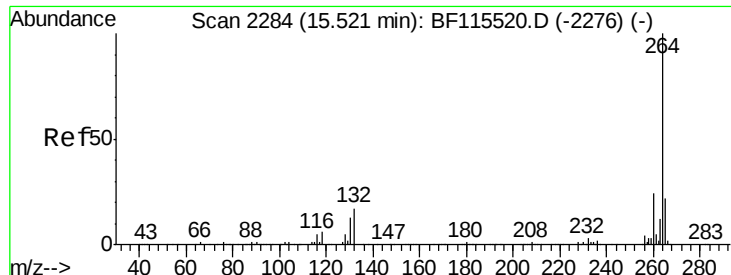


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



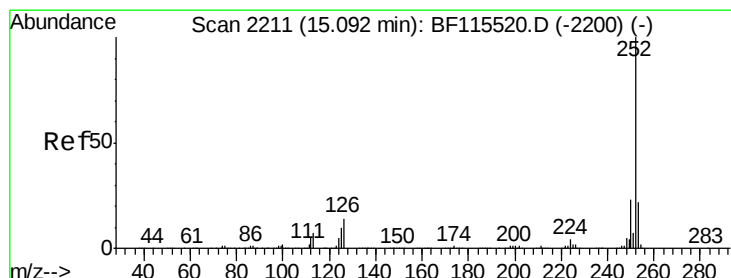
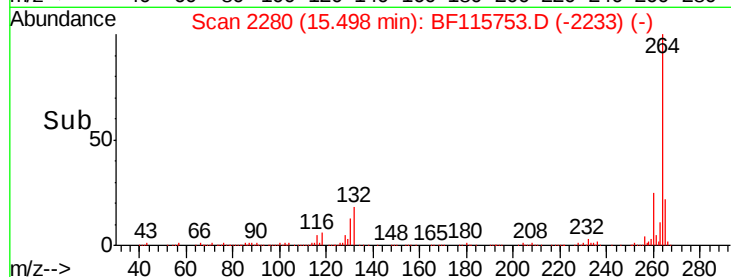
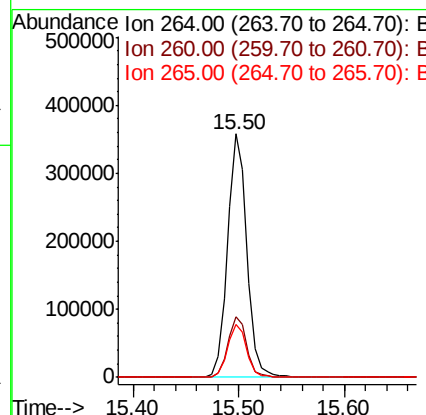
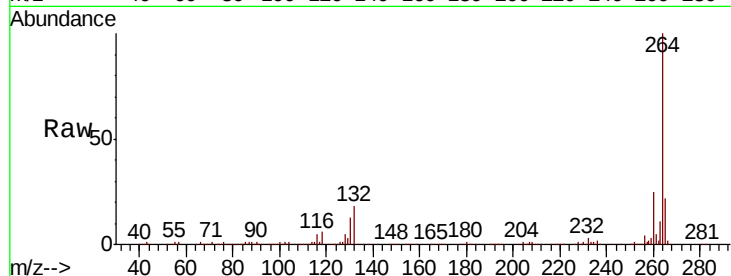


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 452285

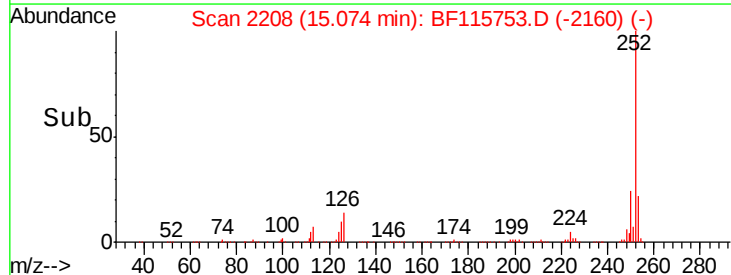
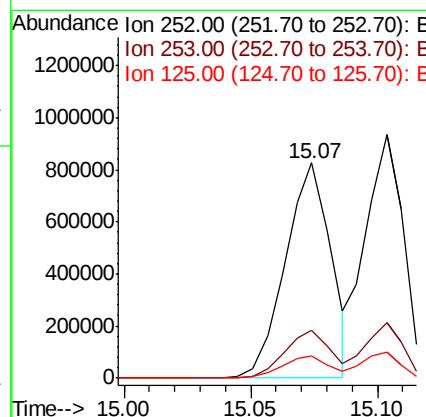
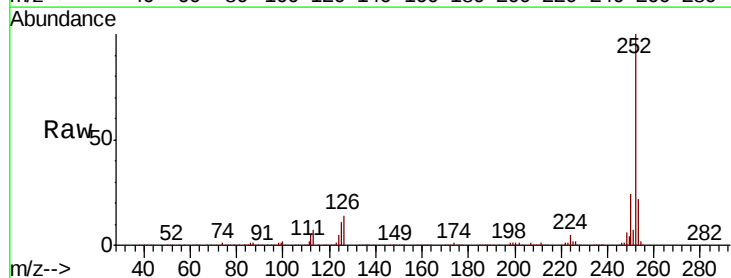
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	21.9	17.7	26.5

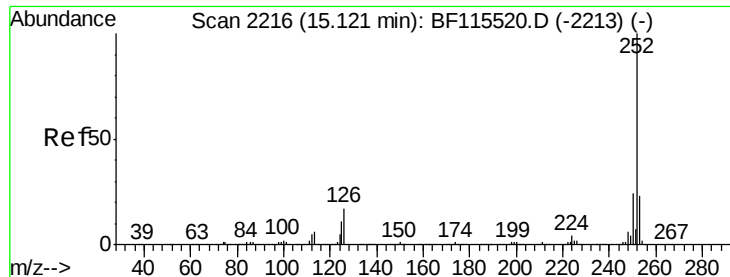


#88
Benzo(b)fluoranthene
Concen: 35.325 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion:252 Resp: 1028798

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	10.5	9.0	13.4

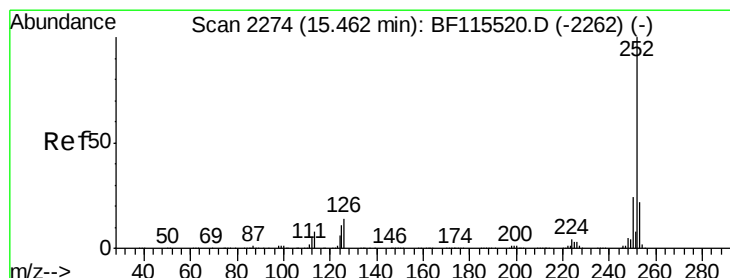
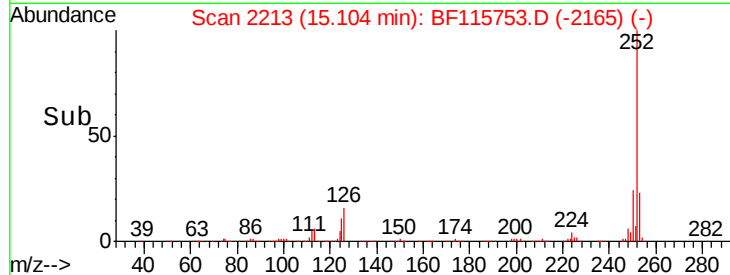
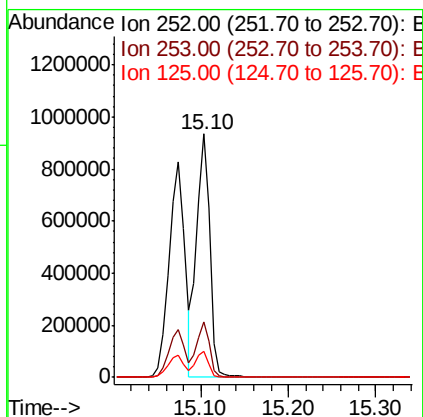
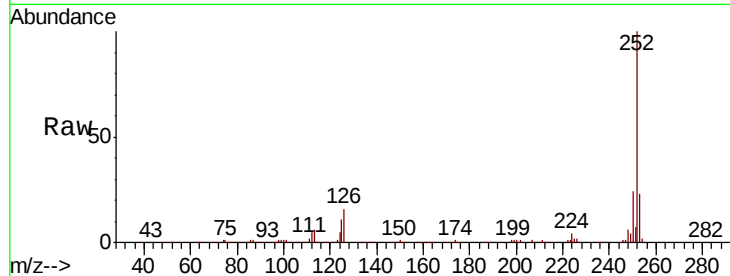




#89
Benzo(k)fluoranthene
Concen: 38.455 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

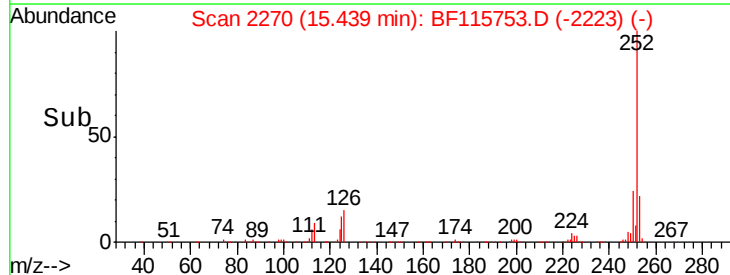
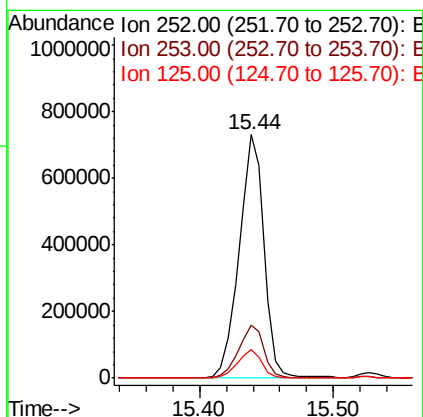
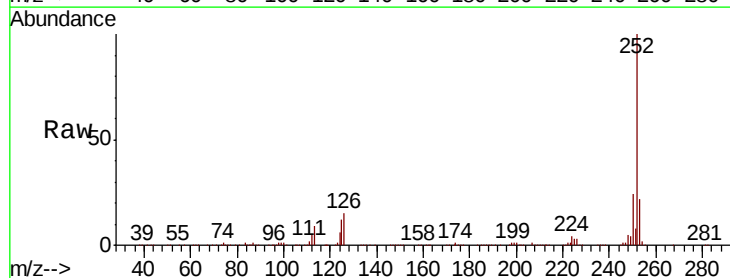
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

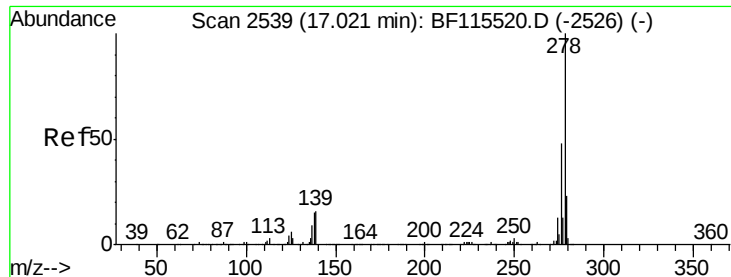
Tot Ion:252 Resp: 998497
Ion Ratio Lower Upper
252 100
253 22.6 18.6 28.0
125 10.8 9.0 13.6



#90
Benzo(a)pyrene
Concen: 37.532 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion:252 Resp: 939477
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 11.8 9.1 13.7

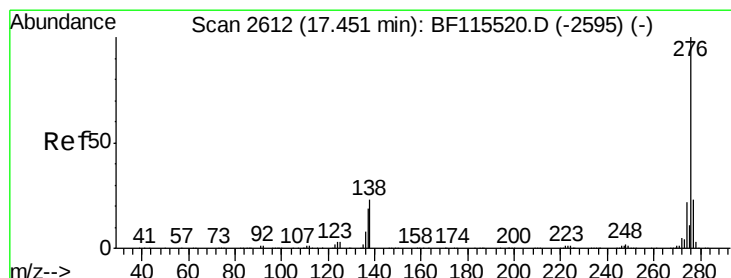
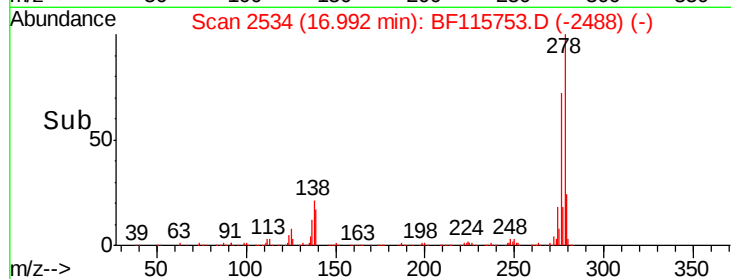
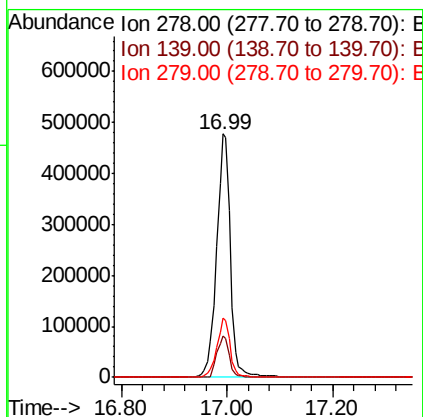
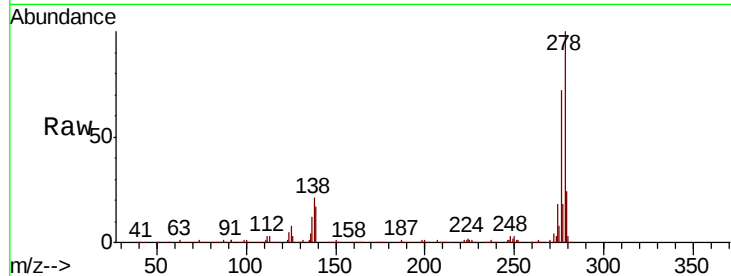




#91
Dibenzo(a,h)anthracene
Concen: 39.815 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.03 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 874930
Ion Ratio Lower Upper
278 100
139 17.0 13.1 19.7
279 24.5 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 37.432 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.02 min
Lab File: BF115753.D
Acq: 25 Jul 2019 11:33

Tgt Ion:276 Resp: 820369
Ion Ratio Lower Upper
276 100
277 22.6 19.0 28.4
138 20.7 17.2 25.8

