

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115153.D
 Acq On : 24 Jun 2019 18:03
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 25 07:40:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	255930	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1050577	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	526208	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1029556	20.00	ng	0.00
76) Chrysene-d12	13.74	240	735290	20.00	ng	-0.01
87) Perylene-d12	15.10	264	904547	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	1323110	79.78	ng	0.00
7) Phenol-d6	6.25	99	1624199	80.69	ng	0.00
23) Nitrobenzene-d5	7.18	82	1455286	85.21	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	478420	86.22	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2552460	82.39	ng	0.00
79) Terphenyl-d14	12.70	244	2664063	77.03	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.19	88	316334	40.415	ng	99
3) Pyridine	2.84	79	861097	39.033	ng	99
4) n-Nitrosodimethylamine	2.79	42	332806	38.482	ng	98
6) Aniline	6.28	93	1141512	41.261	ng	100
8) 2-Chlorophenol	6.40	128	745390	39.970	ng	98
9) Benzaldehyde	6.15	77	443430	33.765	ng	99
10) Phenol	6.27	94	913455	38.740	ng	95
11) bis(2-Chloroethyl)ether	6.35	93	698252	40.173	ng	98
12) 1,3-Dichlorobenzene	6.55	146	854459	41.285	ng	98
13) 1,4-Dichlorobenzene	6.63	146	862412	41.554	ng	99
14) 1,2-Dichlorobenzene	6.79	146	795476	41.389	ng	98
15) Benzyl Alcohol	6.76	79	591431	40.349	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1021494	40.520	ng	100
17) 2-Methylphenol	6.88	107	611380	39.718	ng	98
18) Hexachloroethane	7.13	117	306868	41.013	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	496087	38.494	ng	98
20) 3+4-Methylphenols	7.03	107	705566	39.696	ng	90
22) Acetophenone	7.03	105	977547	40.644	ng	# 99
24) Nitrobenzene	7.20	77	770082	40.930	ng	98
25) Isophorone	7.44	82	1363221	38.965	ng	100
26) 2-Nitrophenol	7.51	139	404639	43.549	ng	99
27) 2,4-Dimethylphenol	7.56	122	603756	39.687	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	896091	40.524	ng	99
29) 2,4-Dichlorophenol	7.75	162	635111	40.454	ng	98
30) 1,2,4-Trichlorobenzene	7.84	180	729100	42.043	ng	99
31) Naphthalene	7.92	128	2078197	40.298	ng	99
32) Benzoic acid	7.68	122	457694	42.148	ng	99
33) 4-Chloroaniline	7.97	127	976963	41.452	ng	99
34) Hexachlorobutadiene	8.05	225	406554	42.780	ng	99
35) Caprolactam	8.35	113	218412	41.379	ng	89
36) 4-Chloro-3-methylphenol	8.45	107	639027	40.192	ng	95
37) 2-Methylnaphthalene	8.61	142	1418077	40.783	ng	100
38) 1-Methylnaphthalene	8.71	142	1337049	40.262	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	623889	41.957	ng	100

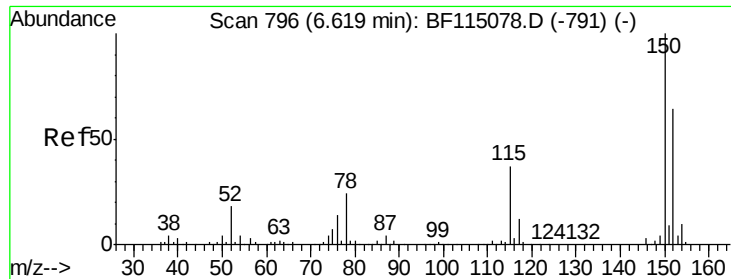
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	361569	41.007	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	478114	41.648	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	493169	41.716	ng	97
46) 1,1'-Biphenyl	9.07	154	1681888	39.946	ng	99
47) 2-Chloronaphthalene	9.10	162	1404052	41.111	ng	100
48) 2-Nitroaniline	9.18	65	431601	43.346	ng	99
49) Acenaphthylene	9.51	152	2096169	39.393	ng	100
50) Dimethylphthalate	9.38	163	1585277	40.948	ng	100
51) 2,6-Dinitrotoluene	9.43	165	370972	41.505	ng	97
52) Acenaphthene	9.68	154	1353820	40.659	ng	99
53) 3-Nitroaniline	9.60	138	448798	41.147	ng	99
54) 2,4-Dinitrophenol	9.70	184	190810	45.023	ng	90
55) Dibenzofuran	9.85	168	1842301	38.550	ng	100
56) 4-Nitrophenol	9.75	139	356314	40.748	ng	90
57) 2,4-Dinitrotoluene	9.83	165	496829	43.050	ng	99
58) Fluorene	10.19	166	1305886	40.363	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	407799	41.137	ng	99
60) Diethylphthalate	10.08	149	1594053	40.962	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	647039	42.398	ng	97
62) 4-Nitroaniline	10.20	138	466952	42.675	ng	98
63) Azobenzene	10.34	77	1442144	39.675	ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	236735	43.709	ng	94
66) n-Nitrosodiphenylamine	10.30	169	1294189	40.348	ng	100
67) 4-Bromophenyl-phenylether	10.67	248	467556	41.886	ng	93
68) Hexachlorobenzene	10.74	284	515353	42.534	ng	97
69) Atrazine	10.83	200	401715	38.933	ng	99
70) Pentachlorophenol	10.92	266	329976	42.749	ng	98
71) Phenanthrene	11.14	178	2133126	38.481	ng	100
72) Anthracene	11.19	178	2187662	39.096	ng	98
73) Carbazole	11.34	167	2001356	40.054	ng	99
74) Di-n-butylphthalate	11.70	149	2387699	41.353	ng	99
75) Fluoranthene	12.32	202	2233334	40.380	ng	98
77) Benzidine	12.44	184	1168736	35.796	ng	99
78) Pyrene	12.54	202	2286768	40.468	ng	98
80) Butylbenzylphthalate	13.18	149	1087900	43.625	ng	97
81) Benzo(a)anthracene	13.72	228	2170949	41.148	ng	99
82) 3,3'-Dichlorobenzidine	13.69	252	861895	45.238	ng	99
83) Chrysene	13.77	228	2015386	41.702	ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1436367	43.958	ng	# 98
85) Di-n-octyl phthalate	14.35	149	2448344	44.596	ng	99
86) Indeno(1,2,3-cd)pyrene	16.38	276	2502401	43.758	ng	99
88) Benzo(b)fluoranthene	14.73	252	2308018	40.893	ng	99
89) Benzo(k)fluoranthene	14.73	252	2308018	45.599	ng	98
90) Benzo(a)pyrene	15.05	252	2059141	40.478	ng	99
91) Dibenzo(a,h)anthracene	16.40	278	2007853	42.278	ng	98
92) Benzo(g,h,i)perylene	16.76	276	2005735	41.728	ng	99

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

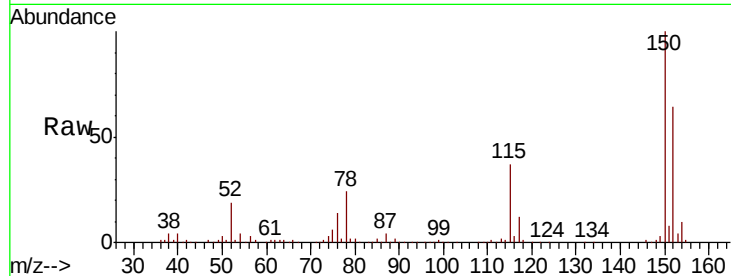


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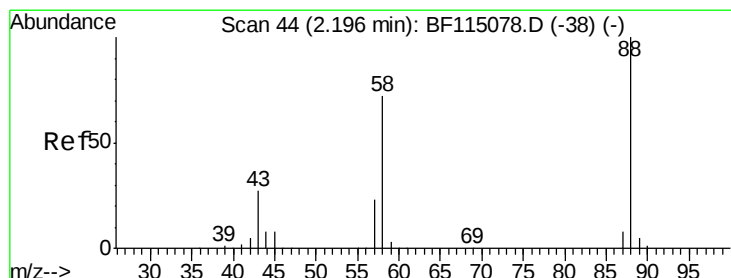
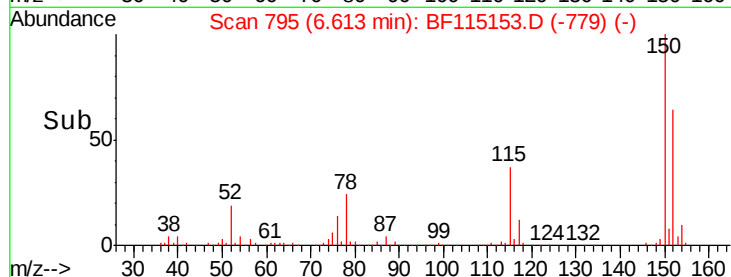
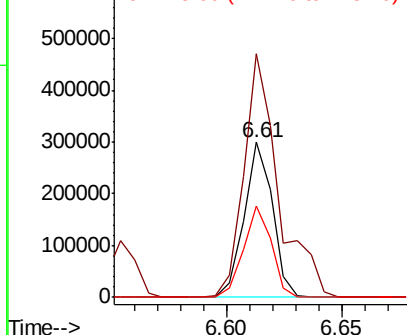
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 255930
Ion Ratio Lower Upper
152 100
150 157.4 124.2 186.2
115 58.9 46.1 69.1



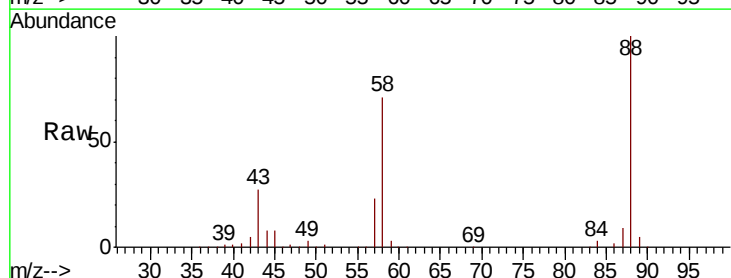
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



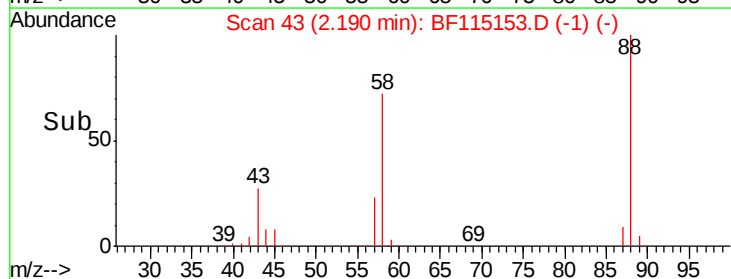
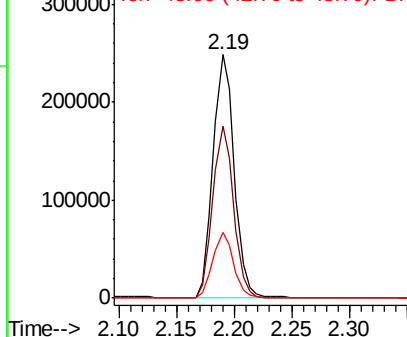
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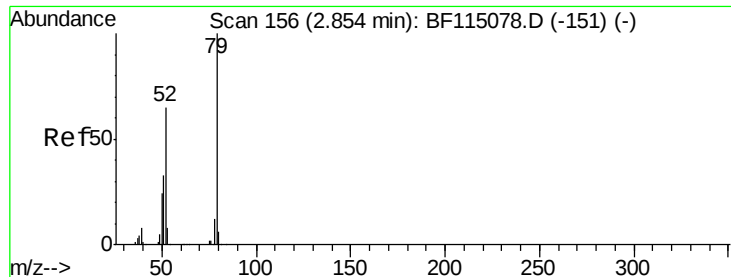
1,4-Dioxane
Concen: 40.415 ng
RT: 2.19 min Scan# 43
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion: 88 Resp: 316334
Ion Ratio Lower Upper
88 100
58 69.6 56.1 84.1
43 26.0 21.3 31.9



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





#3

Pvridine

Concen: 39.033 ng

RT: 2.84 min Scan# 154

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

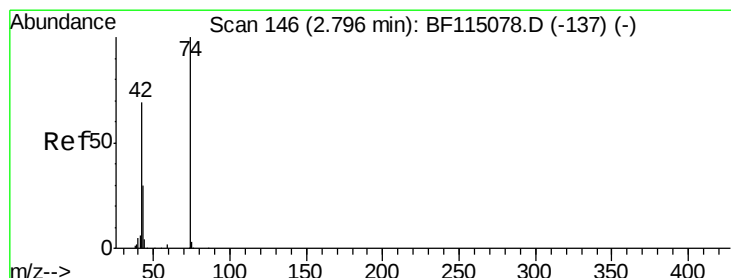
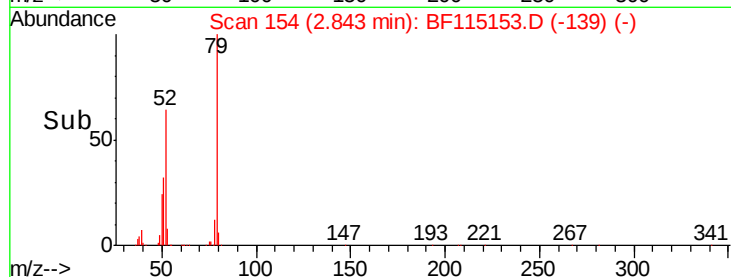
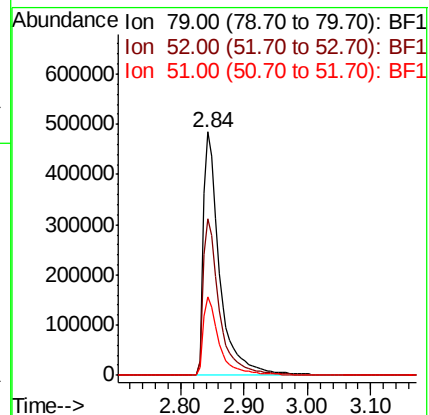
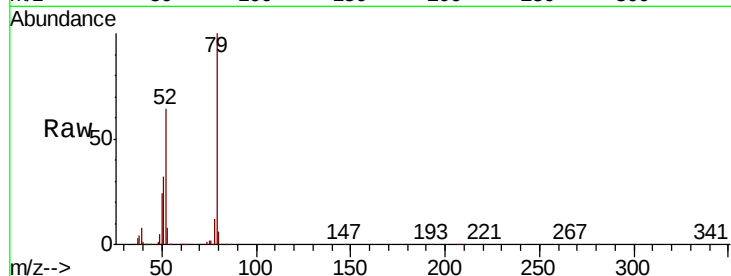
Tot Ion: 79 Resp: 861097

Ion Ratio Lower Upper

79 100

52 64.2 52.3 78.5

51 32.0 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 38.482 ng

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

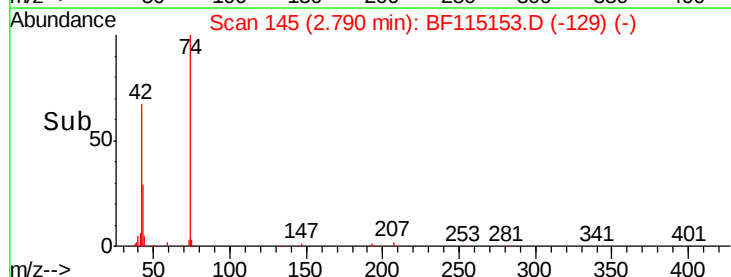
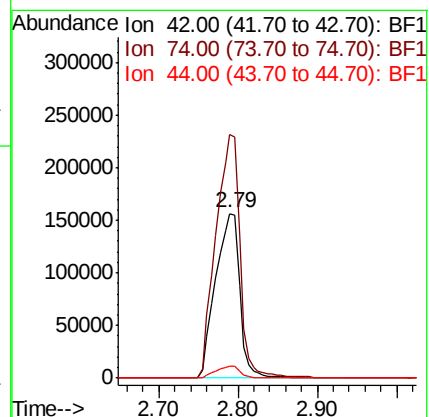
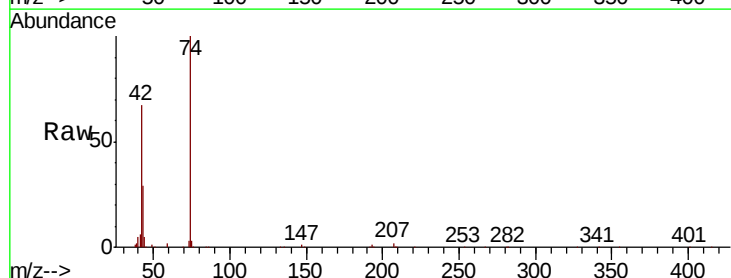
Tgt Ion: 42 Resp: 332806

Ion Ratio Lower Upper

42 100

74 148.2 116.6 175.0

44 7.3 5.3 7.9





#5

2-Fluorophenol

Concen: 79.779 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

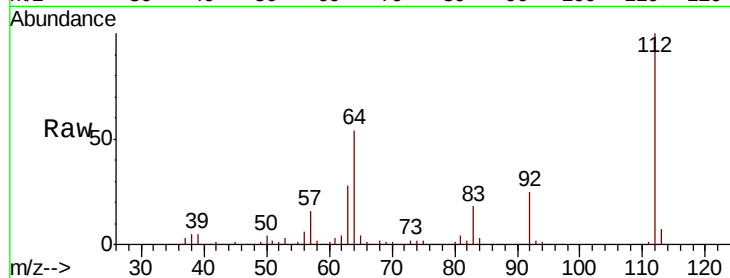
Tot Ion:112 Resp: 1323110

Ion Ratio Lower Upper

112 100

64 54.1 43.8 65.6

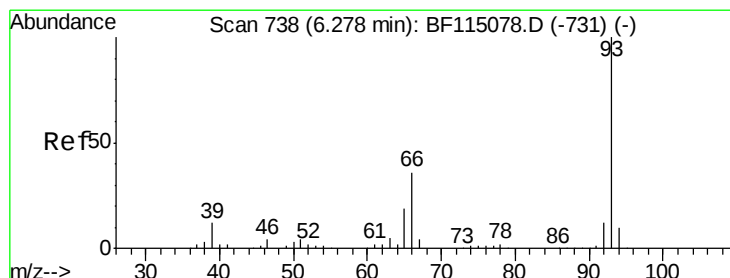
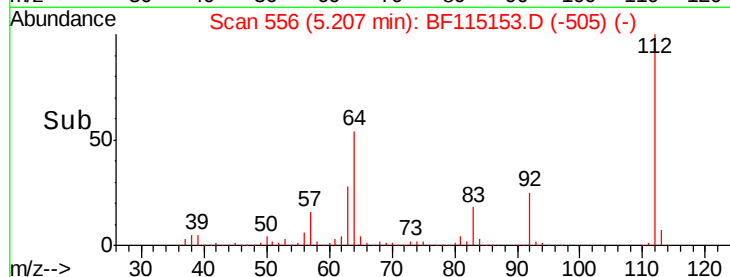
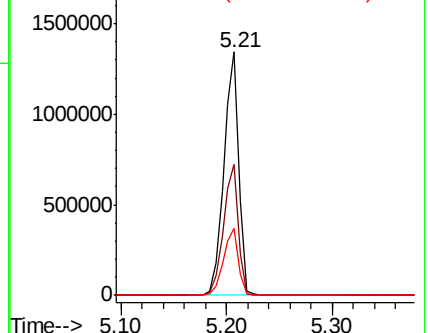
63 27.7 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.261 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

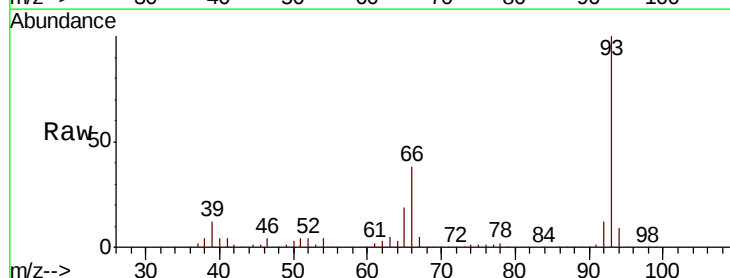
Tgt Ion: 93 Resp: 1141512

Ion Ratio Lower Upper

93 100

66 37.7 30.0 45.0

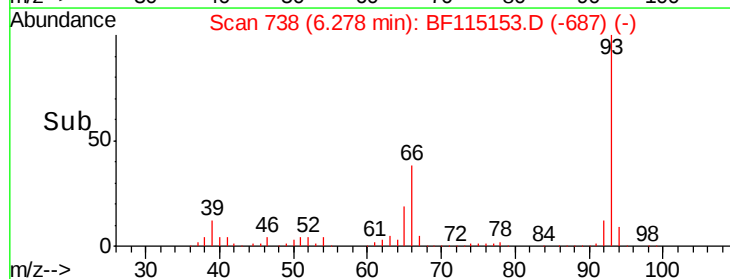
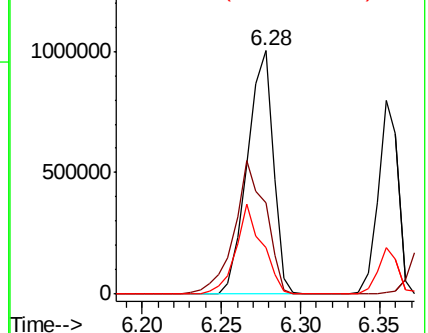
65 19.1 15.6 23.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.686 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

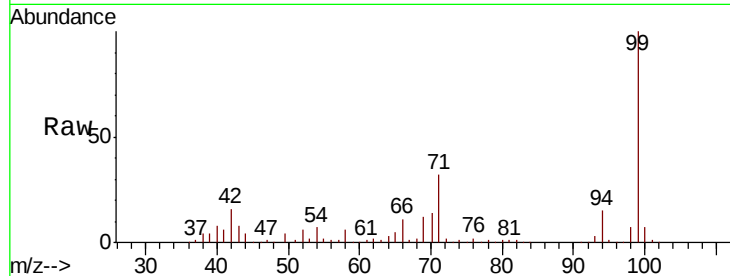
Tot Ion: 99 Resp: 1624199

Ion Ratio Lower Upper

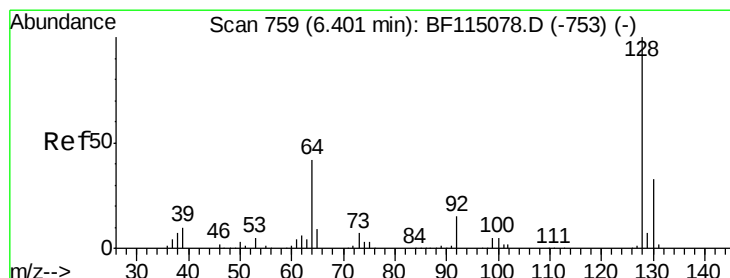
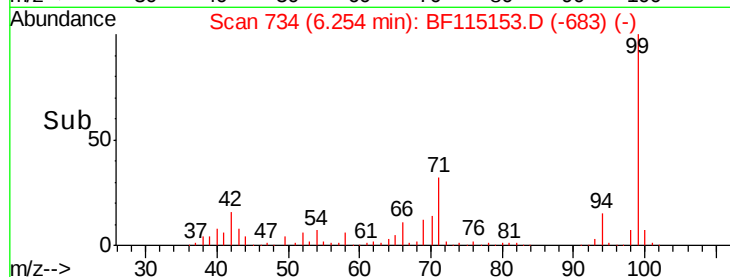
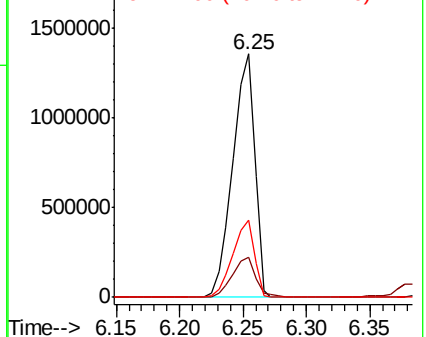
99 100

42 16.3 13.6 20.4

71 31.7 25.5 38.3



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: 39.970 ng

RT: 6.40 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

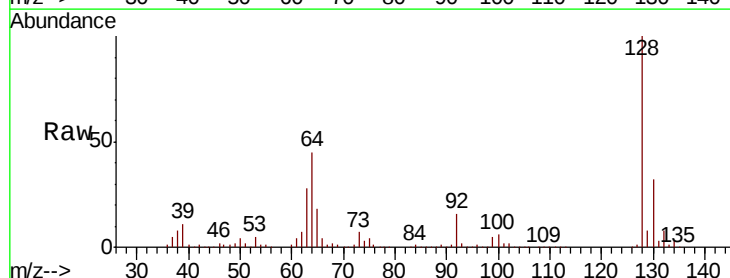
Tgt Ion: 128 Resp: 745390

Ion Ratio Lower Upper

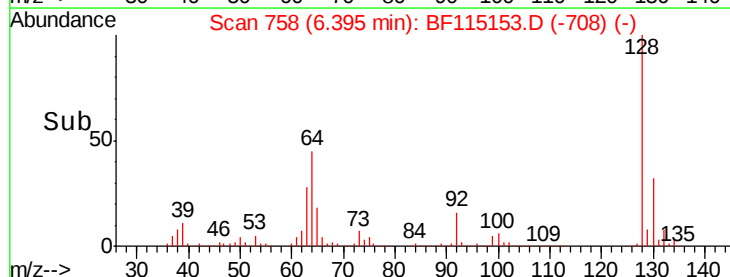
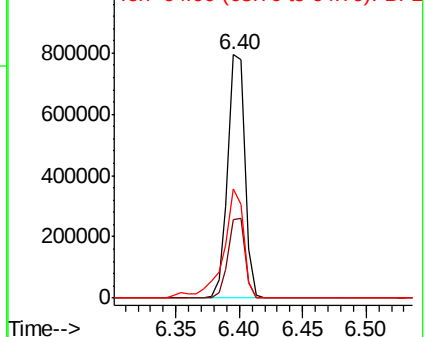
128 100

130 32.2 12.9 52.9

64 44.8 22.9 62.9



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: 33.765 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

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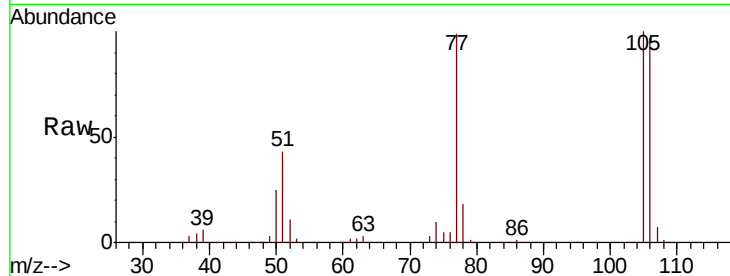
Tot Ion: 77 Resp: 443430

Ion Ratio Lower Upper

77 100

105 101.4 81.5 121.5

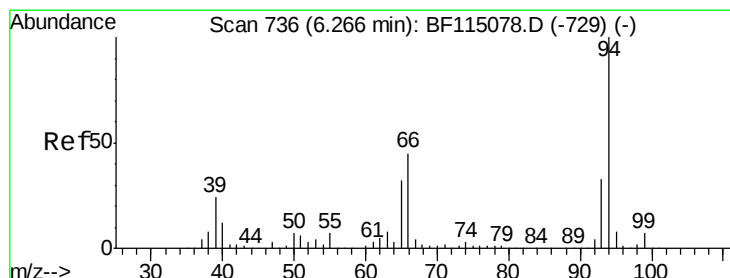
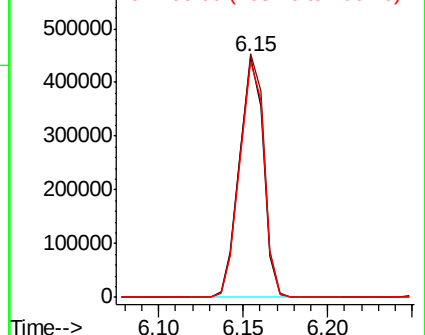
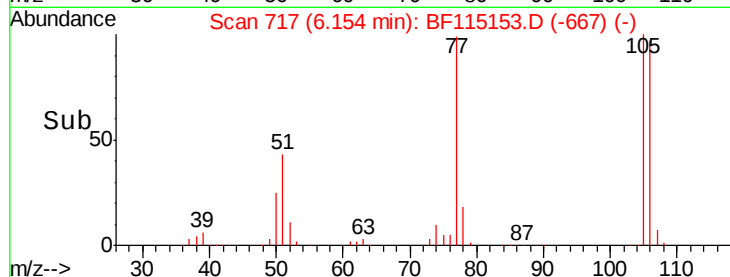
106 98.2 79.7 119.7



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: 38.740 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

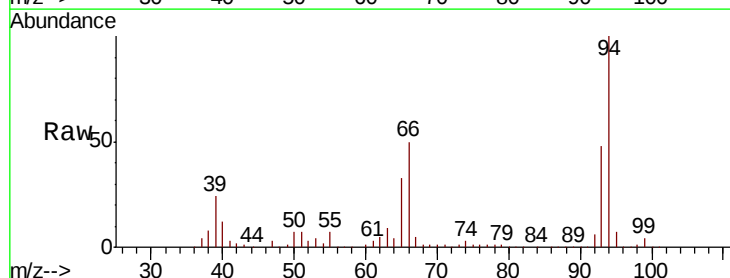
Tgt Ion: 94 Resp: 913455

Ion Ratio Lower Upper

94 100

65 33.5 11.9 51.9

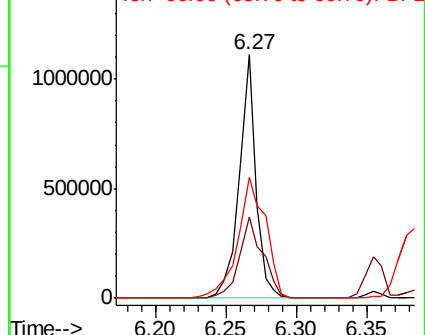
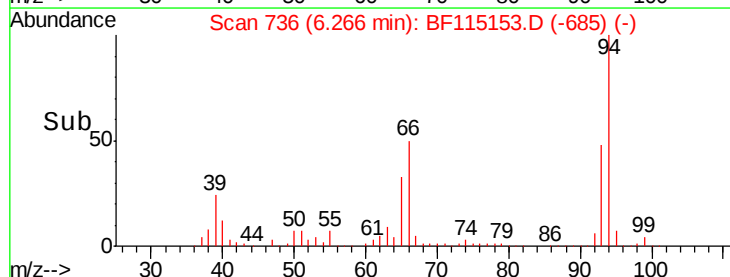
66 49.5 25.2 65.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

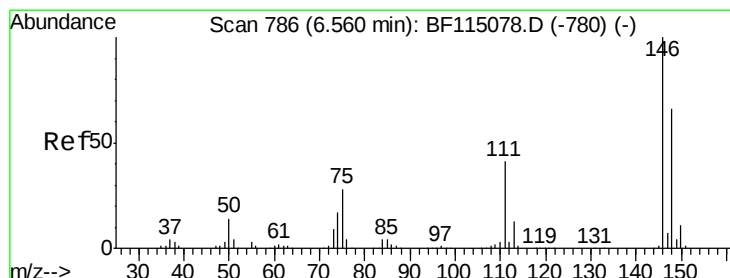
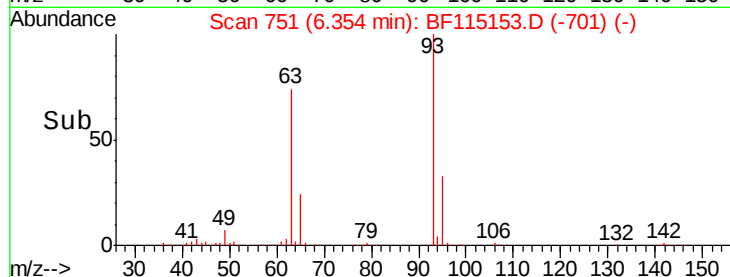
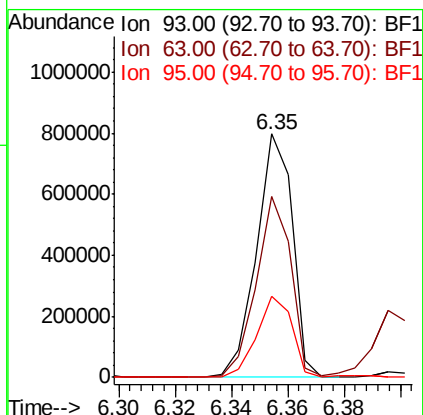
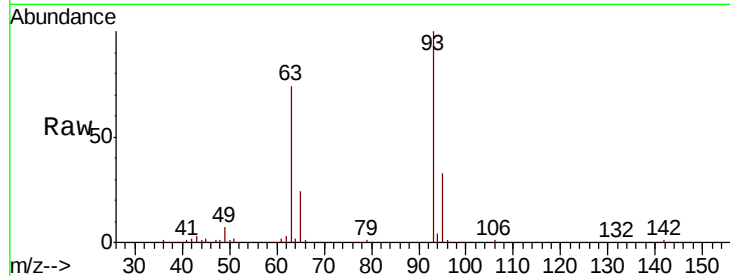




#11
bis(2-Chloroethyl)ether
Concen: 40.173 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

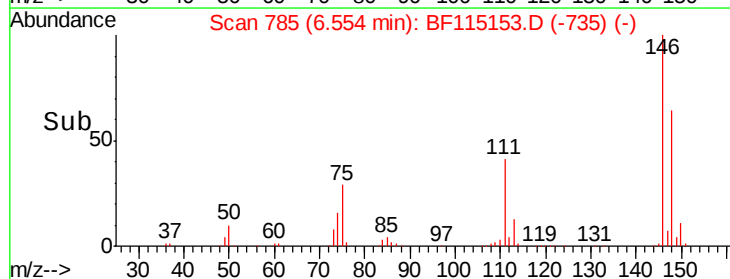
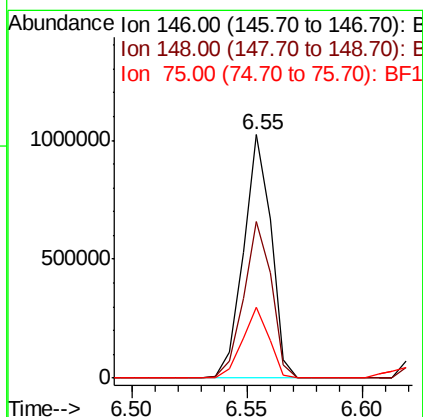
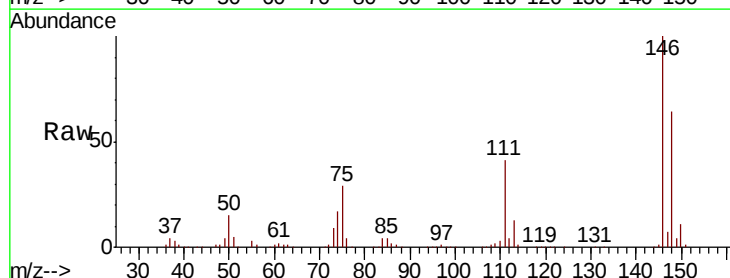
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

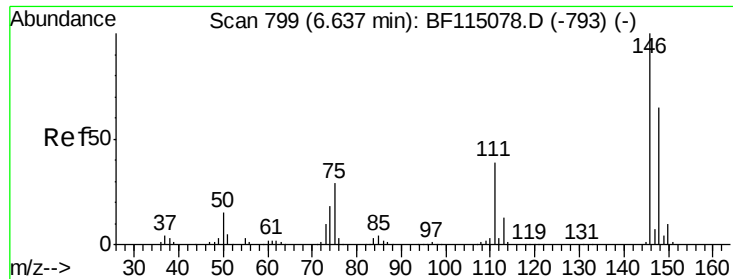
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.3	51.5	91.5
95	33.3	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 41.285 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.6	78.8
75	29.3	22.6	34.0

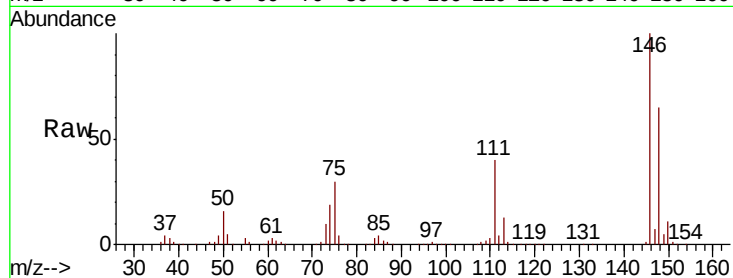




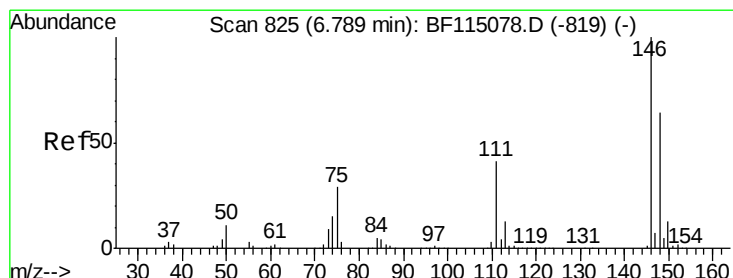
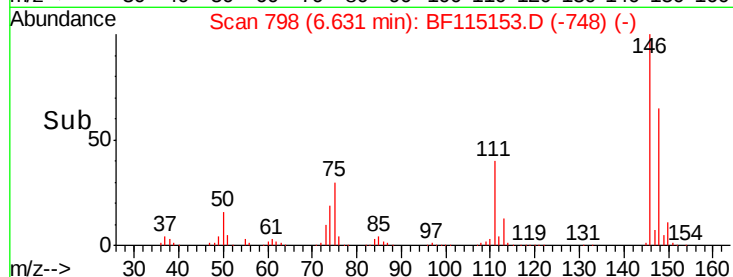
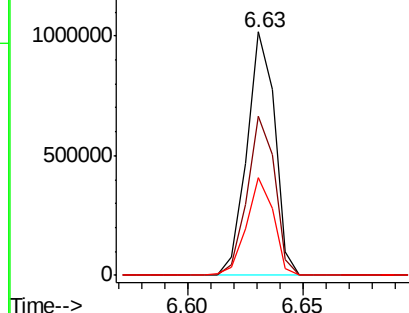
#13
 1,4-Dichlorobenzene
 Concen: 41.554 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 862412
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.9 77.9
 111 39.9 31.4 47.0

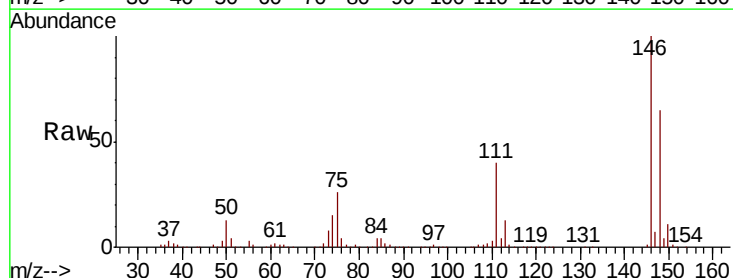


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

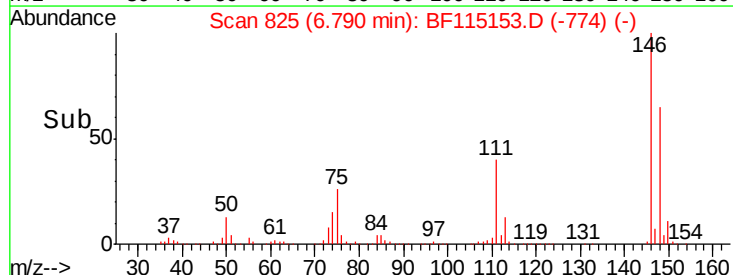
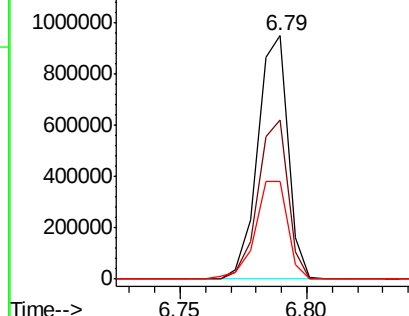


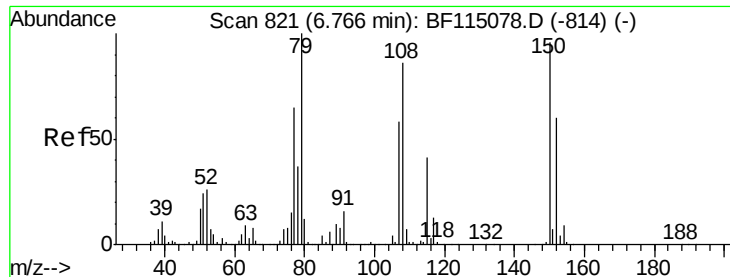
#14
 1,2-Dichlorobenzene
 Concen: 41.389 ng
 RT: 6.79 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Tgt Ion:146 Resp: 795476
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.1 76.7
 111 40.3 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.349 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

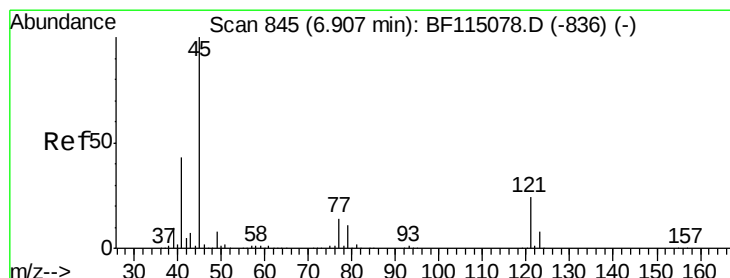
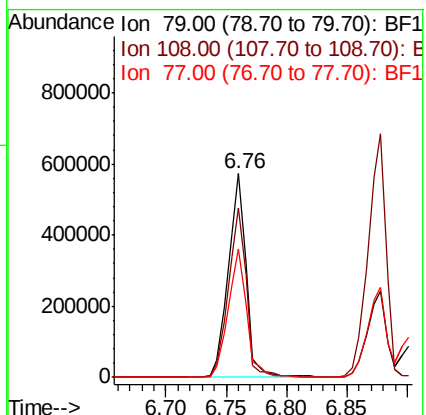
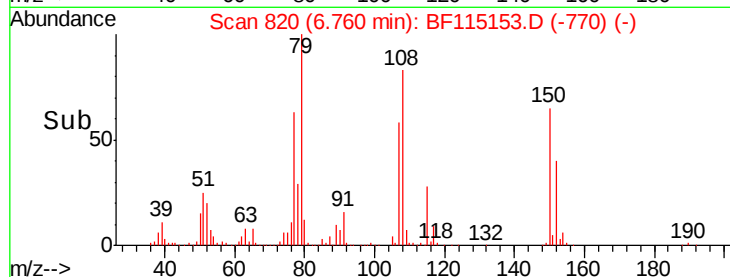
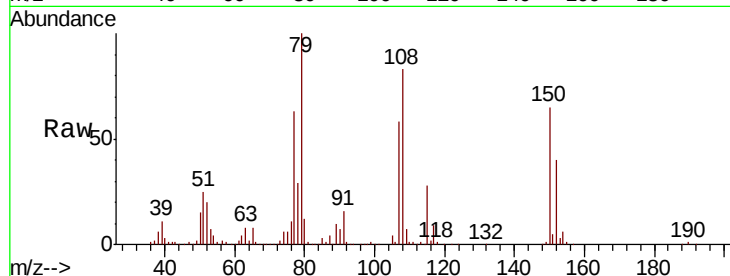
Tot Ion: 79 Resp: 591431

Ion Ratio Lower Upper

79 100

108 83.2 68.7 103.1

77 63.2 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.520 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

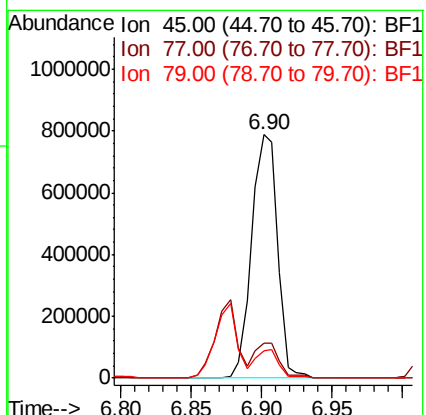
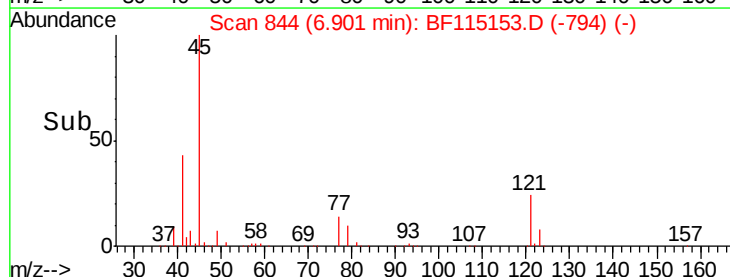
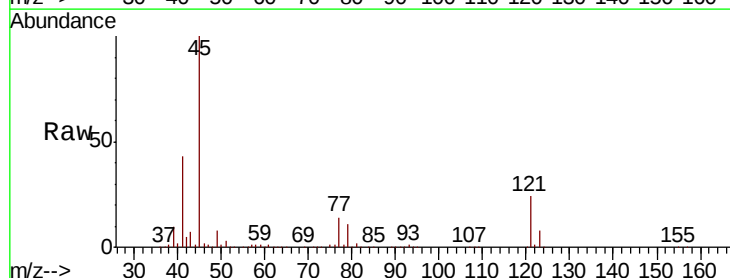
Tgt Ion: 45 Resp: 1021494

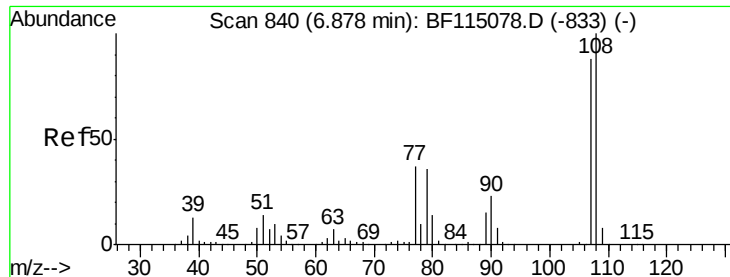
Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.6

79 11.1 0.0 31.2





#17

2-Methylphenol

Concen: 39.718 ng

RT: 6.88 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 611380

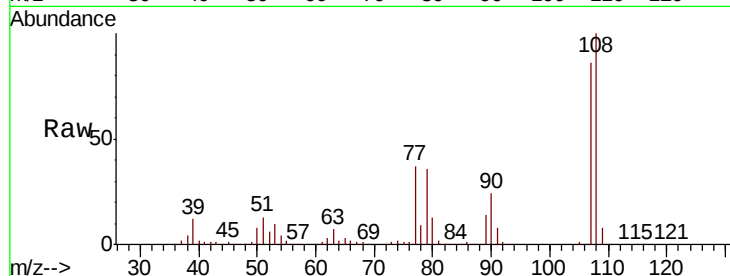
Ion Ratio Lower Upper

107 100

108 116.2 90.9 136.3

77 42.8 33.4 50.2

79 41.3 32.3 48.5

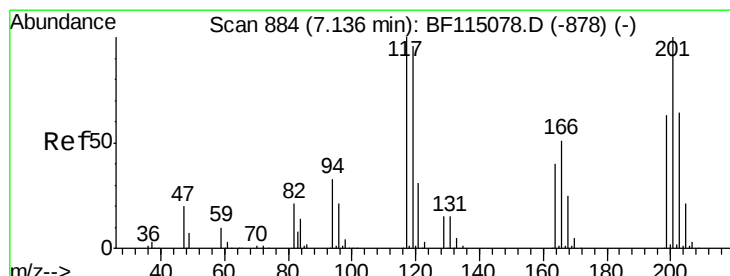
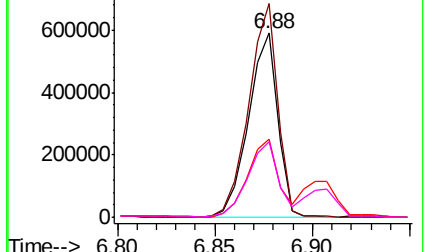
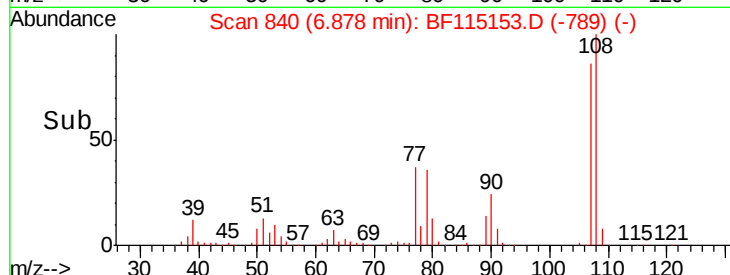


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.013 ng

RT: 7.13 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

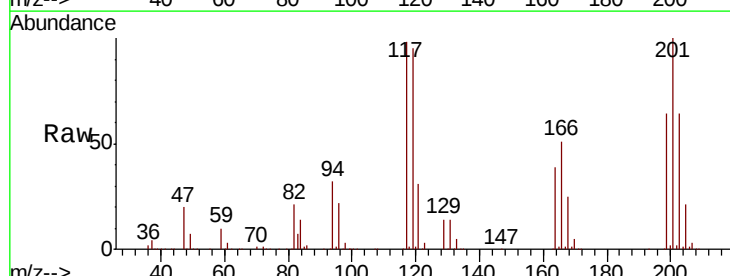
Tgt Ion:117 Resp: 306868

Ion Ratio Lower Upper

117 100

119 96.8 76.6 114.8

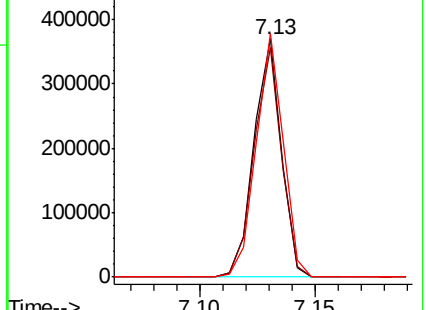
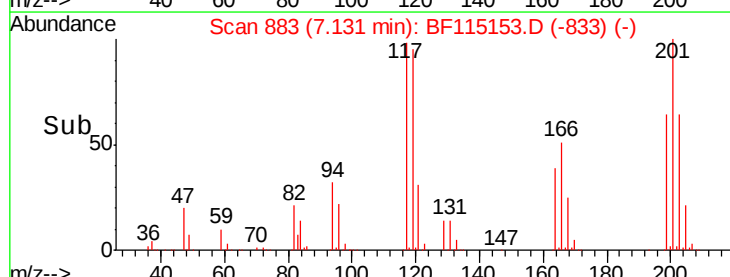
201 102.4 80.2 120.2

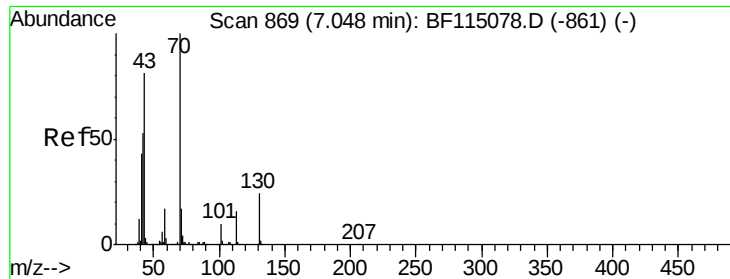


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

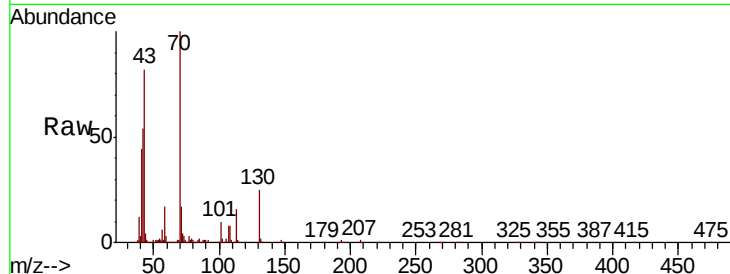




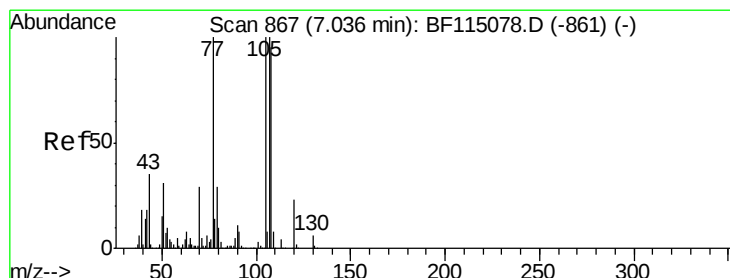
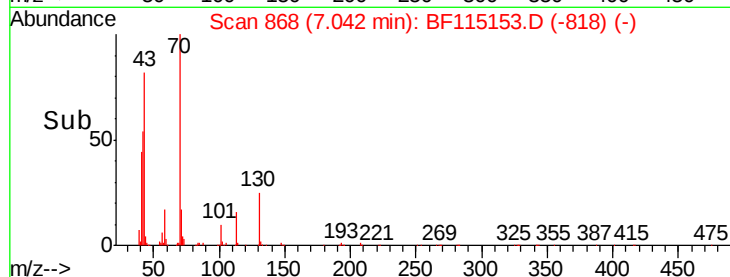
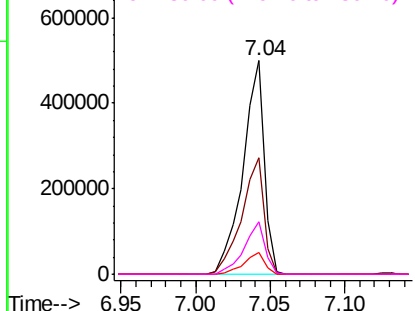
#19
n-Nitroso-di-n-propylamine
Concen: 38.494 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	496087
Ion	Ratio	Lower	Upper
70	100		
42	54.4	42.6	63.8
101	10.4	8.0	12.0
130	24.9	19.4	29.0

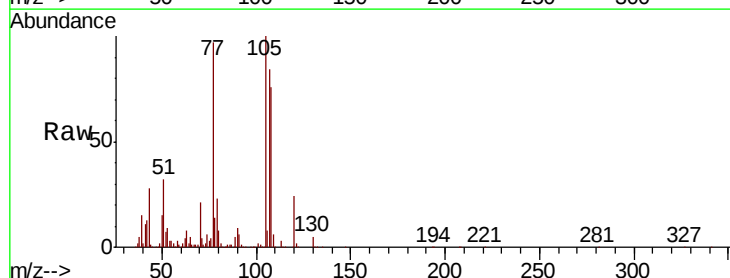


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

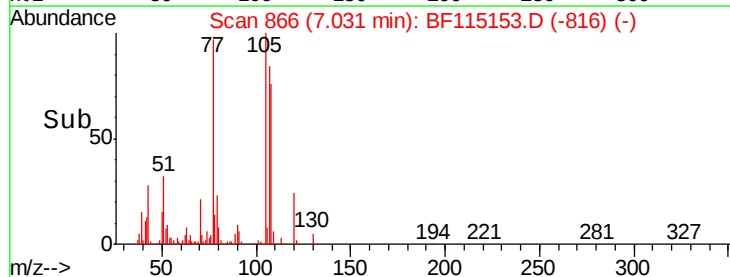
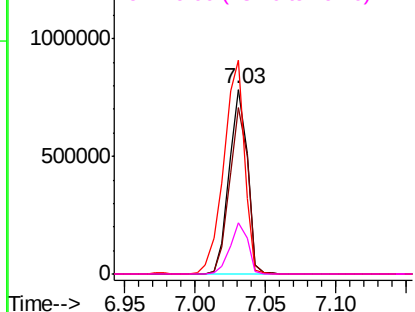


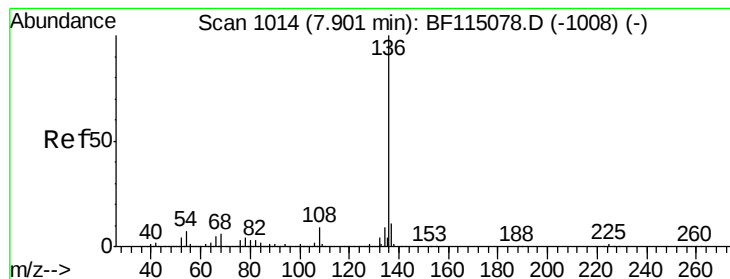
#20
3+4-Methylphenols
Concen: 39.696 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion:	107	Resp:	705566
Ion	Ratio	Lower	Upper
107	100		
108	90.3	75.5	115.5
77	115.7	80.2	120.2
79	27.5	9.5	49.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1050577

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.1	5.6	8.4
68	6.0	4.8	7.2

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

1500000

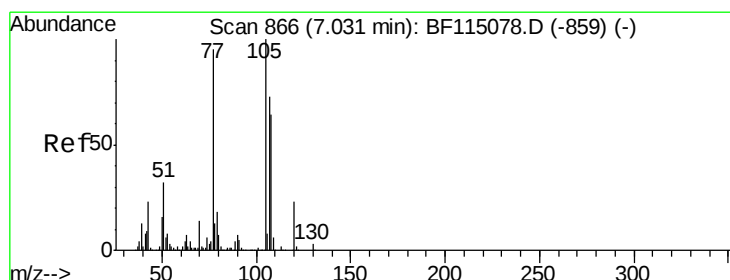
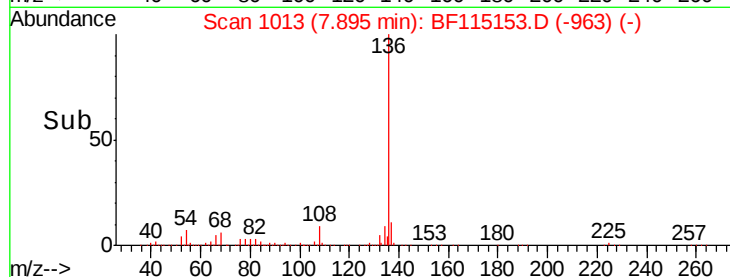
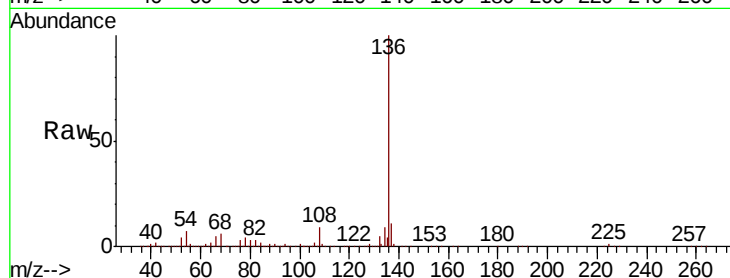
1000000

500000

0

7.85 7.90 7.95

Time-->



#22

Acetophenone

Concen: 40.644 ng

RT: 7.03 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Tgt Ion:105 Resp: 977547

Ion	Ratio	Lower	Upper
105	100		
71	3.6	1.9	2.9#
51	32.2	25.8	38.8
120	23.6	18.5	27.7

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

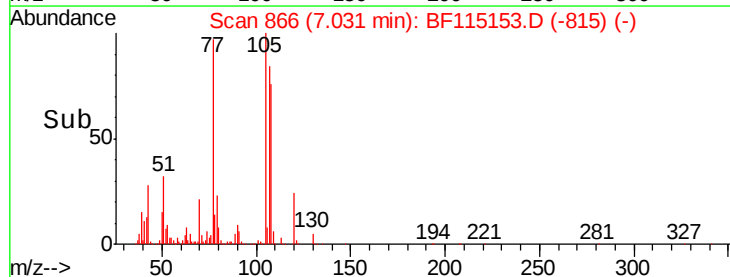
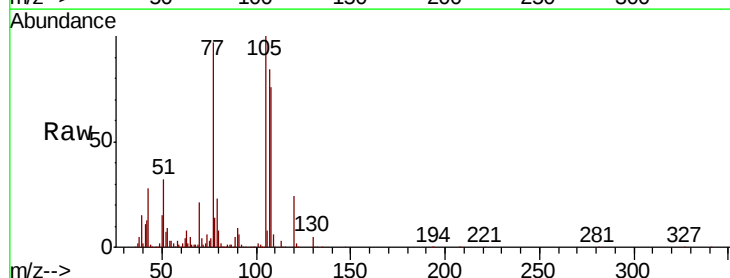
1000000

500000

0

6.95 7.00 7.05 7.10

Time-->



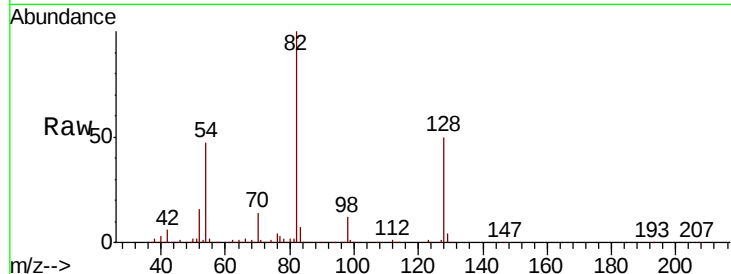


#23
 Nitrobenzene-d5
 Concen: 85.213 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

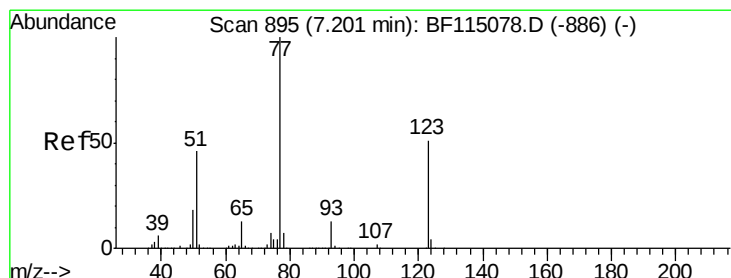
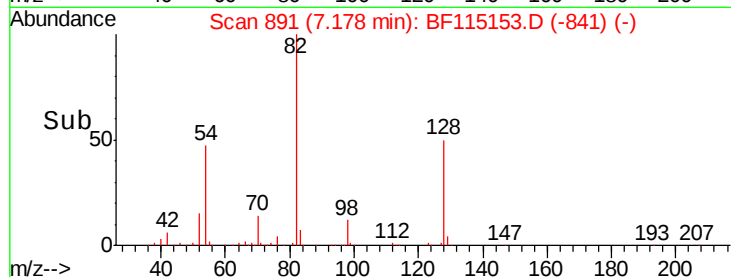
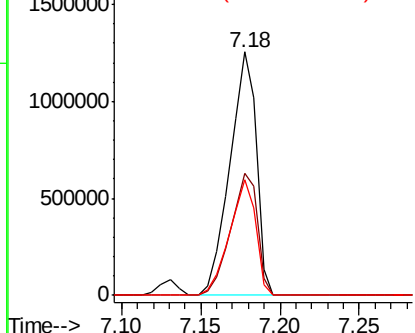
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1455286

Ion	Ratio	Lower	Upper
82	100		
128	50.3	40.4	60.6
54	47.4	37.5	56.3



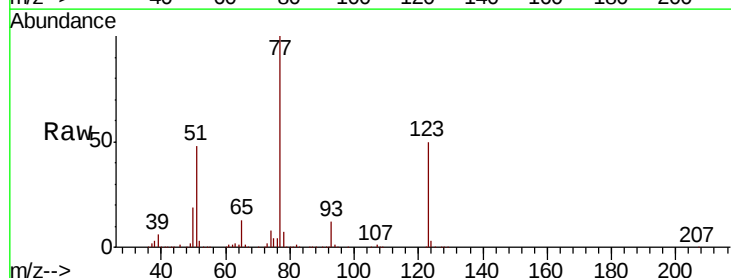
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



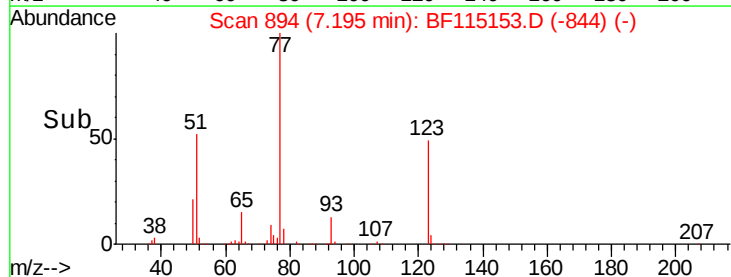
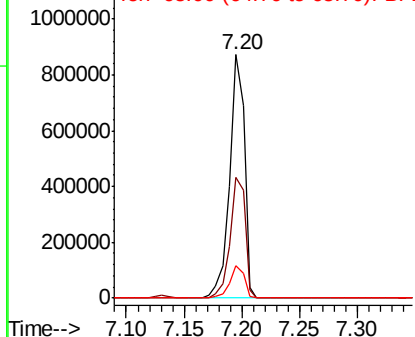
#24
 Nitrobenzene
 Concen: 40.930 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

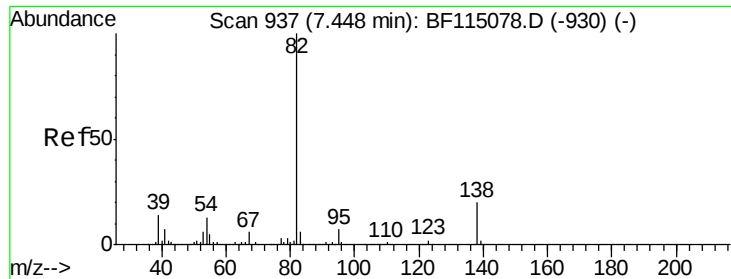
Tgt Ion: 77 Resp: 770082

Ion	Ratio	Lower	Upper
77	100		
123	49.7	41.0	61.6
65	13.4	10.5	15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.965 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

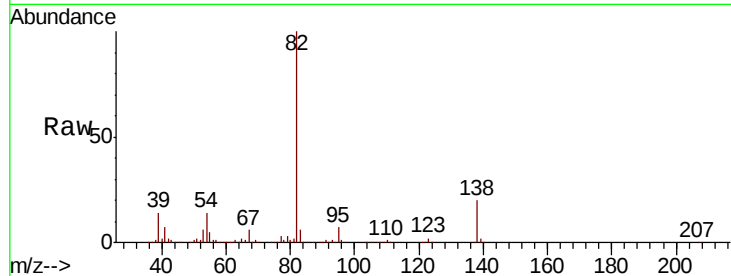
Tot Ion: 82 Resp: 1363221

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

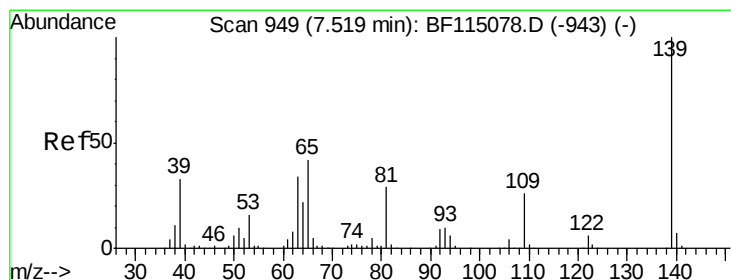
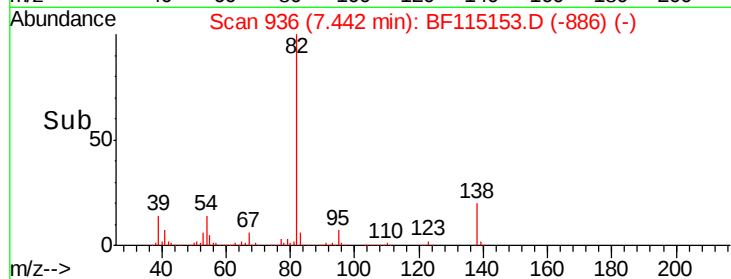
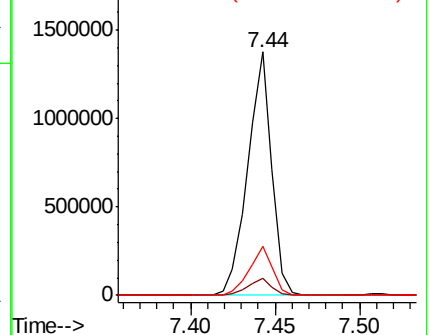
138 20.1 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.549 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

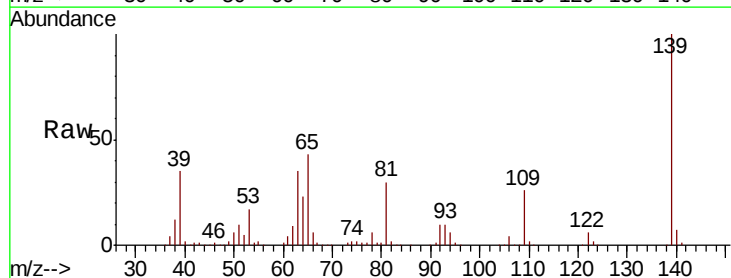
Tgt Ion: 139 Resp: 404639

Ion Ratio Lower Upper

139 100

109 25.8 20.4 30.6

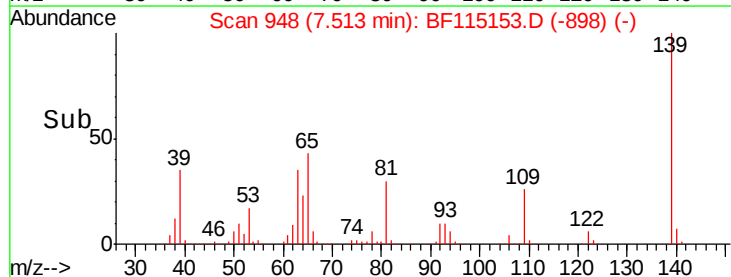
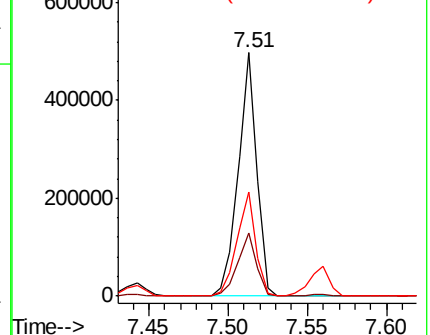
65 42.9 33.6 50.4

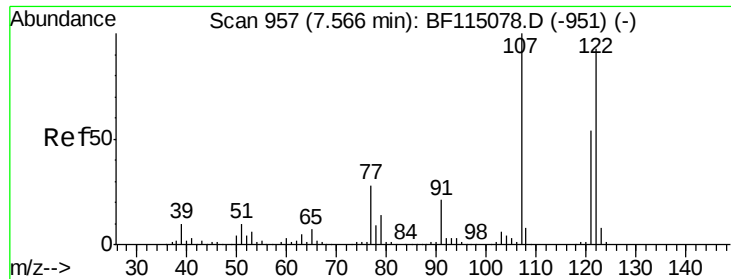


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.687 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

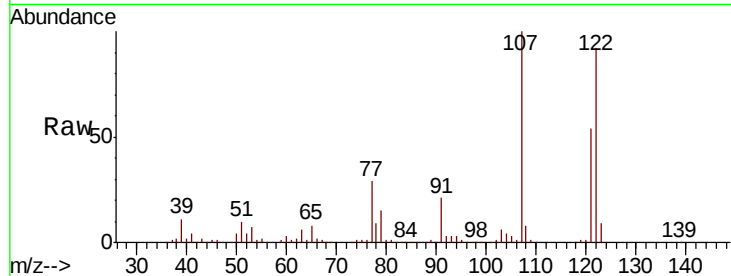
Tot Ion:122 Resp: 603756

Ion Ratio Lower Upper

122 100

107 109.3 85.8 128.6

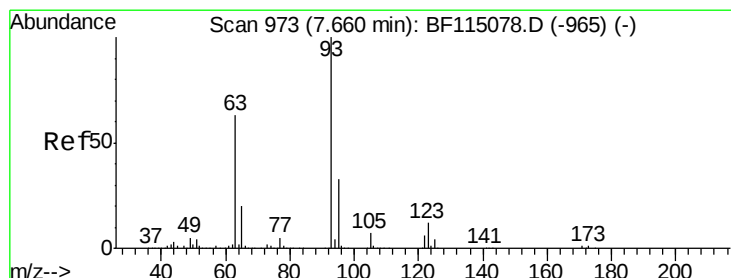
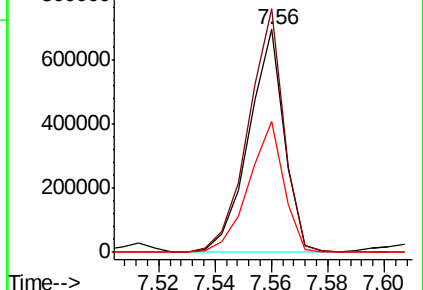
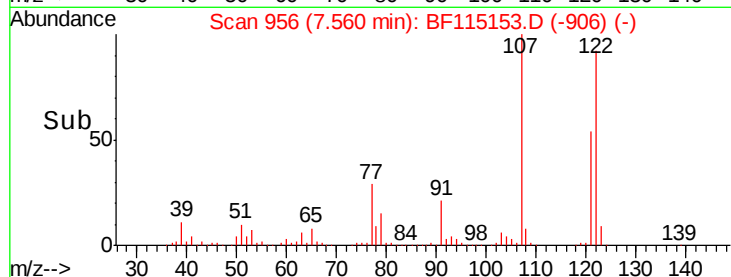
121 58.8 46.3 69.5



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: 40.524 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

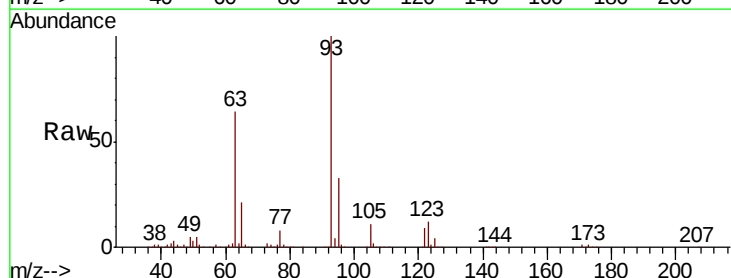
Tgt Ion: 93 Resp: 896091

Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.4

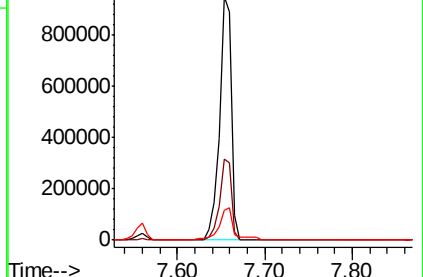
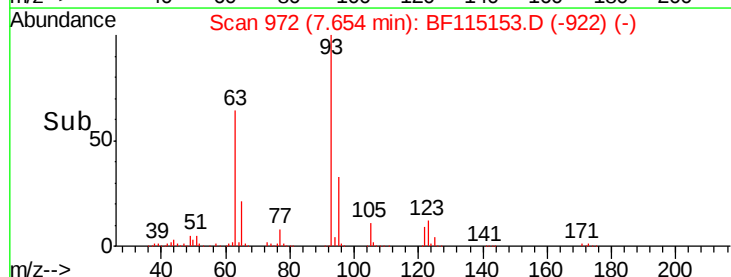
123 12.4 9.7 14.5

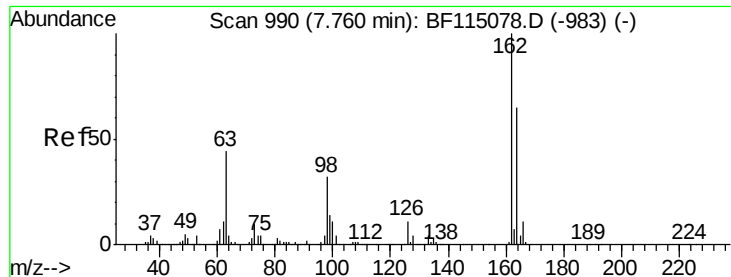


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

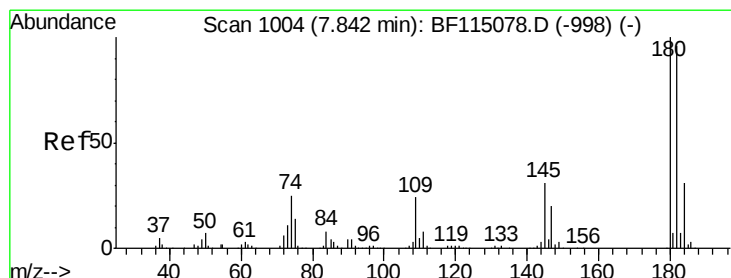
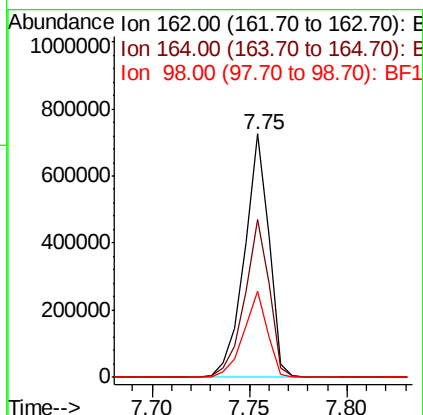
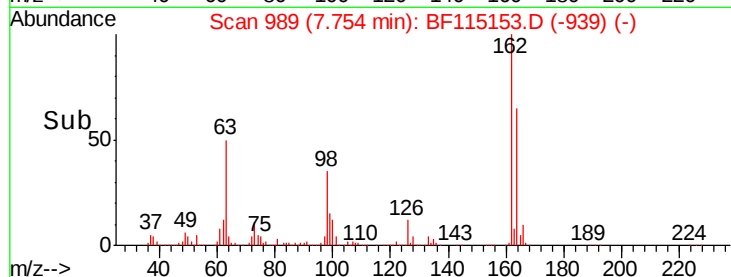
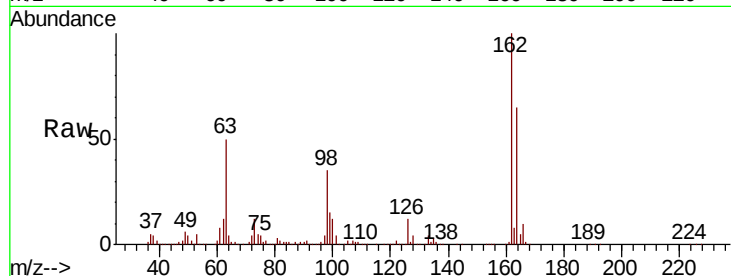




#29
2,4-Dichlorophenol
Concen: 40.454 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

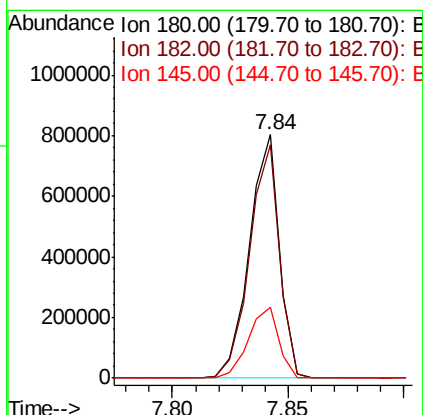
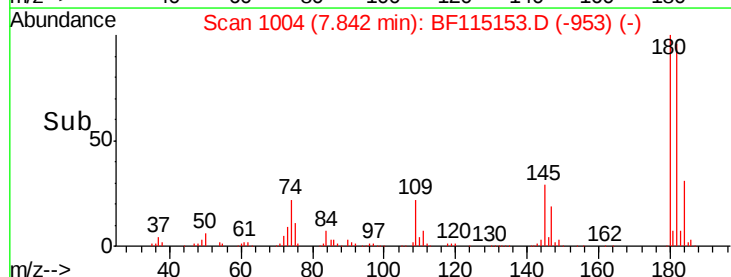
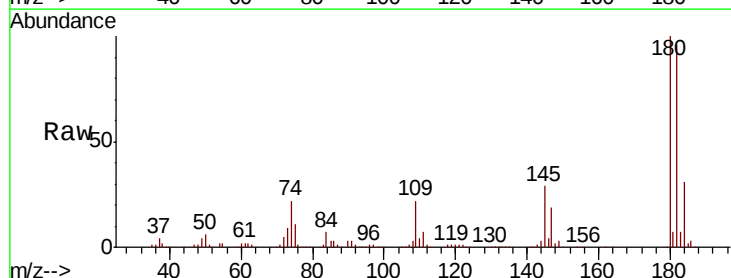
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

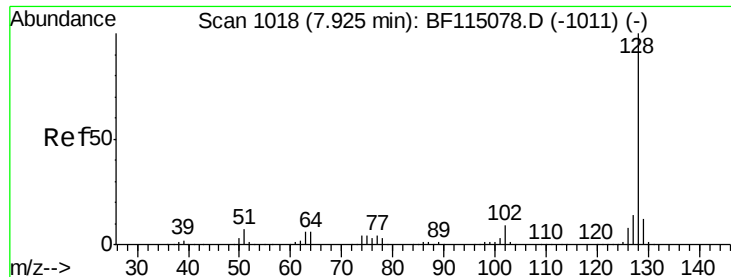
Tot Ion:162 Resp: 635111
Ion Ratio Lower Upper
162 100
164 64.7 45.3 85.3
98 35.4 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 42.043 ng
RT: 7.84 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion:180 Resp: 729100
Ion Ratio Lower Upper
180 100
182 95.8 76.4 114.6
145 29.3 24.8 37.2

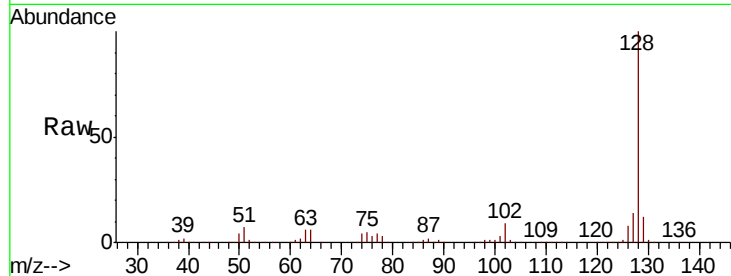




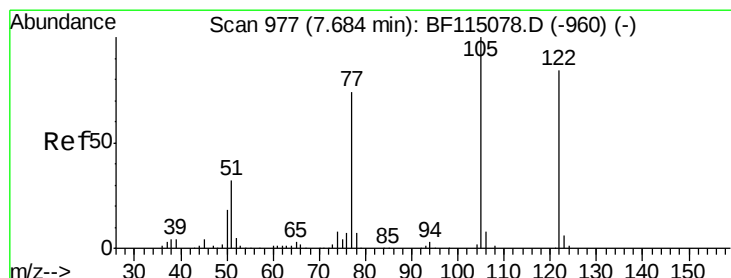
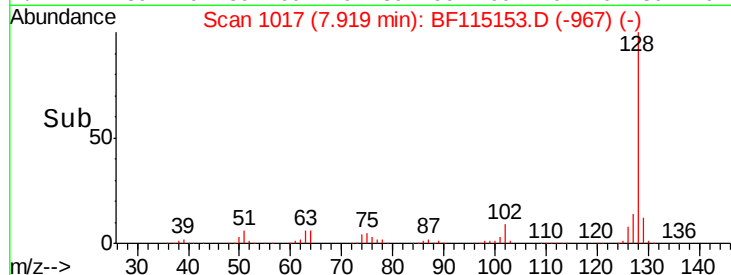
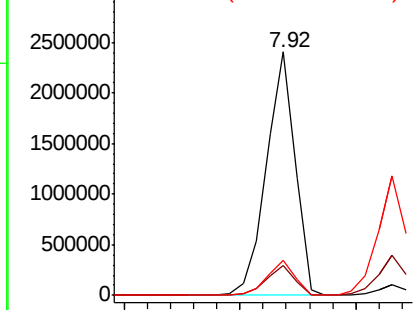
#31
Naphthalene
Concen: 40.298 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 2078197
Ion Ratio Lower Upper
128 100
129 12.2 9.6 14.4
127 14.5 11.4 17.0

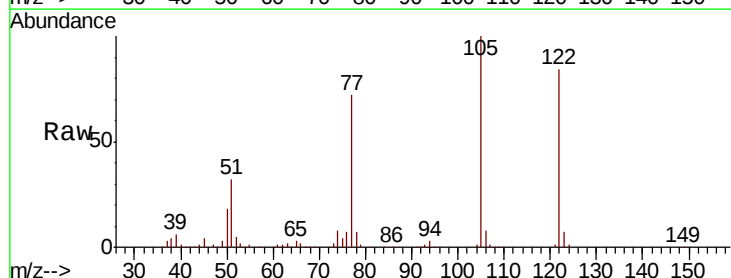


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

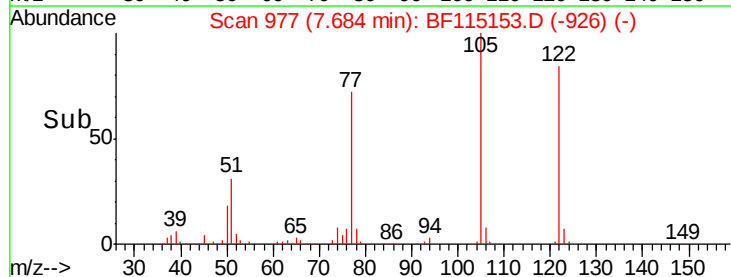
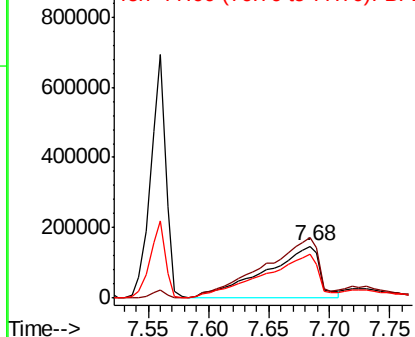


#32
Benzoic acid
Concen: 42.148 ng
RT: 7.68 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion:122 Resp: 457694
Ion Ratio Lower Upper
122 100
105 118.5 98.2 138.2
77 85.7 67.0 107.0



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

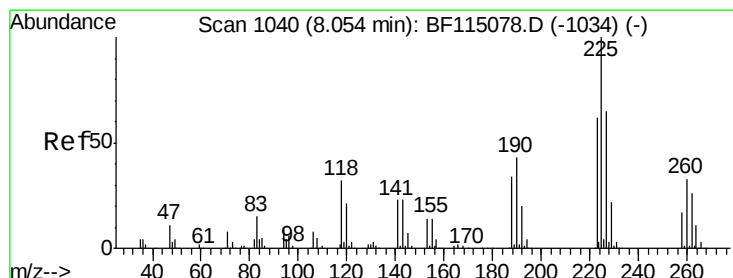
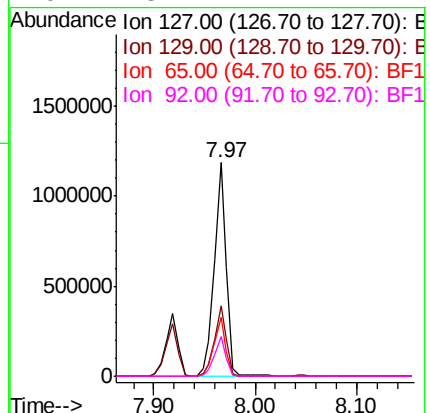
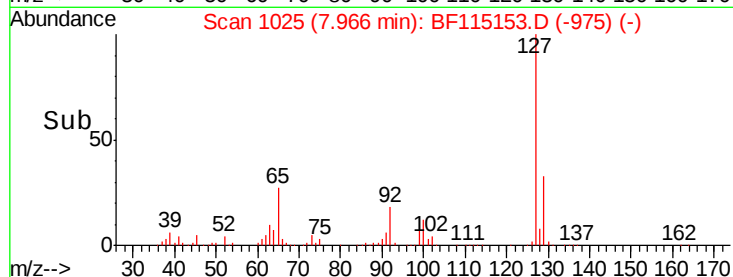
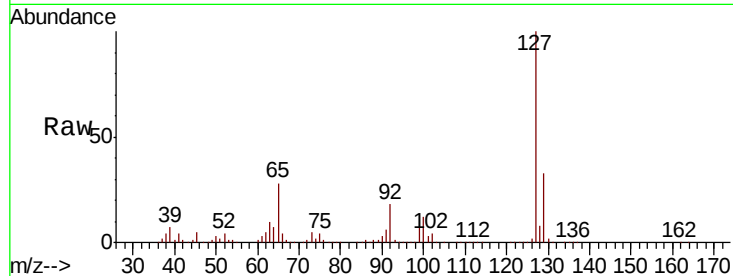




#33
4-Chloroaniline
Concen: 41.452 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

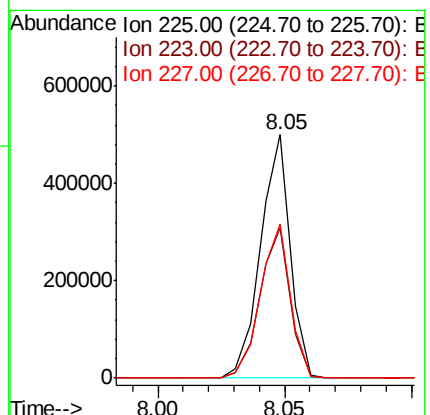
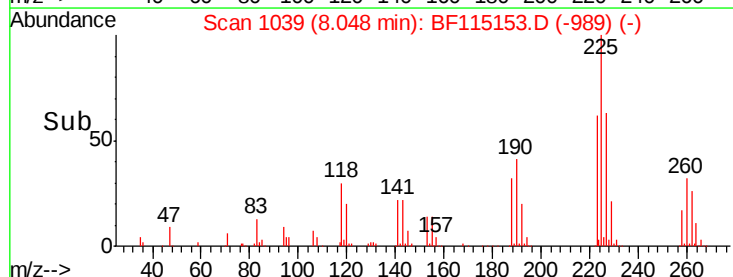
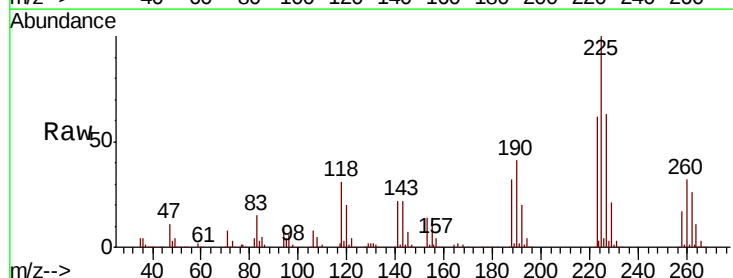
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

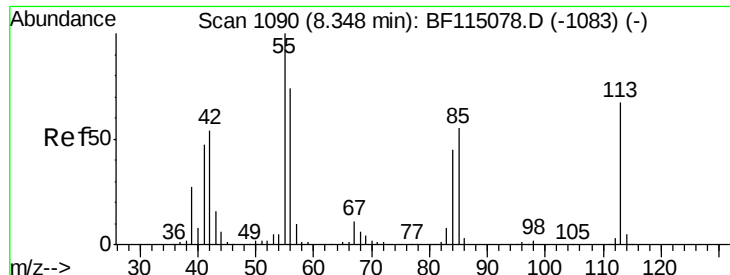
Tot Ion:127	Resp:	976963
Ion Ratio	Lower	Upper
127	100	
129	33.1	26.1 39.1
65	27.6	21.4 32.2
92	18.4	14.1 21.1



#34
Hexachlorobutadiene
Concen: 42.780 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion:225	Resp:	406554
Ion Ratio	Lower	Upper
225	100	
223	61.9	49.4 74.2
227	63.5	51.8 77.8

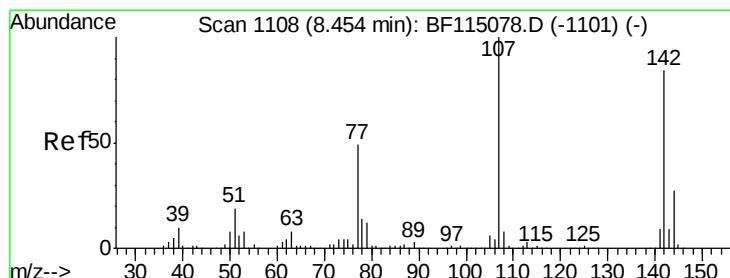
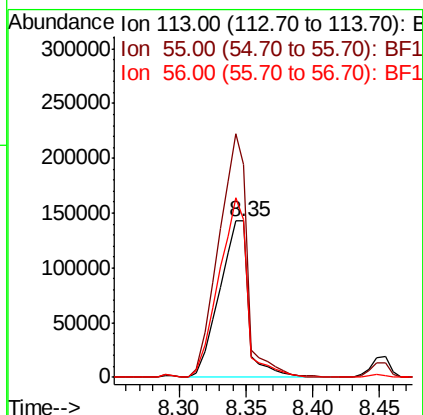
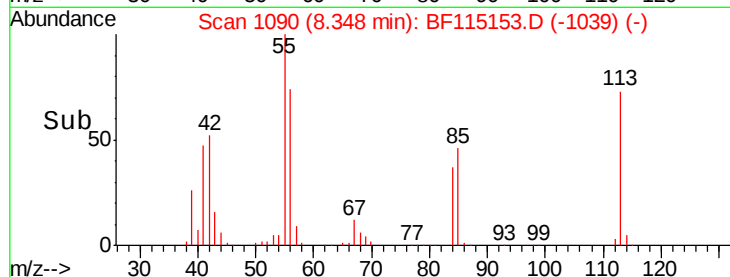
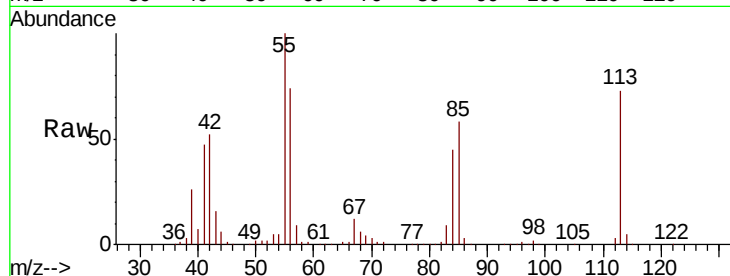




#35
Caprolactam
Concen: 41.379 ng
RT: 8.35 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

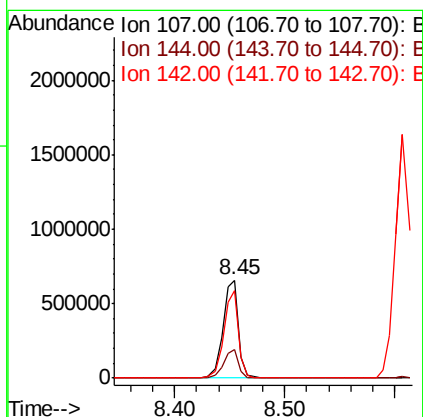
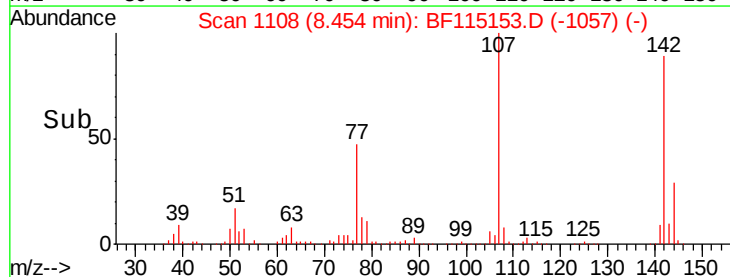
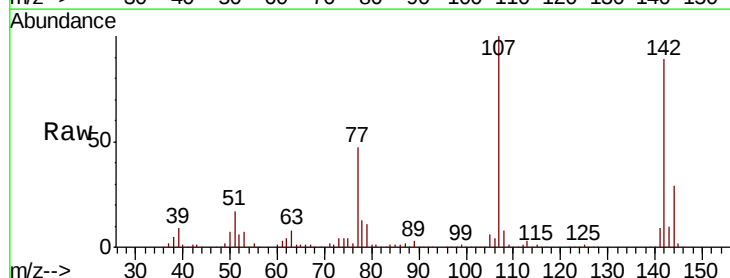
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

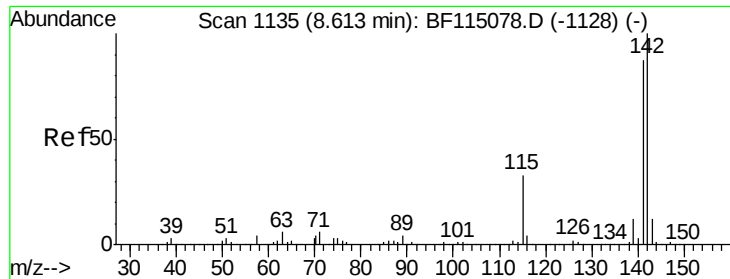
Tot Ion:113 Resp: 218412
Ion Ratio Lower Upper
113 100
55 136.2 130.2 170.2
56 101.1 91.6 131.6



#36
4-Chloro-3-methylphenol
Concen: 40.192 ng
RT: 8.45 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion:107 Resp: 639027
Ion Ratio Lower Upper
107 100
144 29.0 21.7 32.5
142 89.1 67.0 100.4

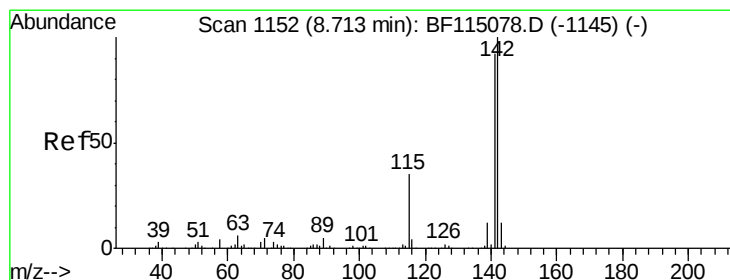
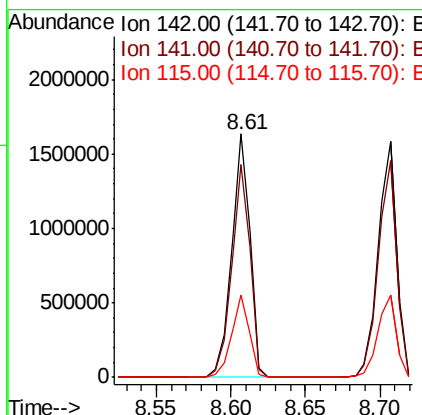
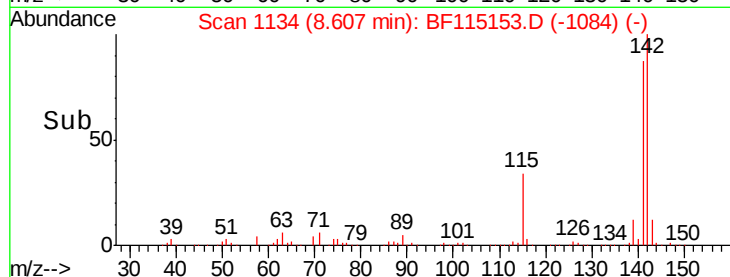
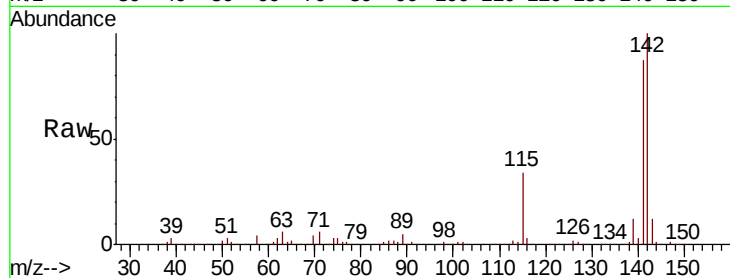




#37
2-Methylnaphthalene
Concen: 40.783 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

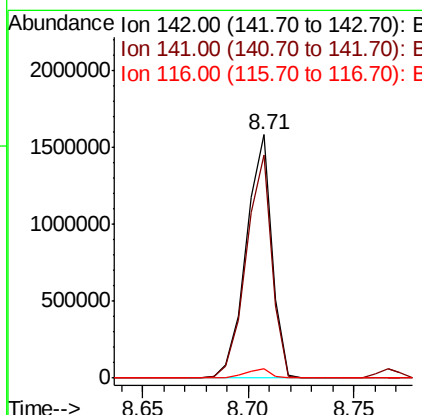
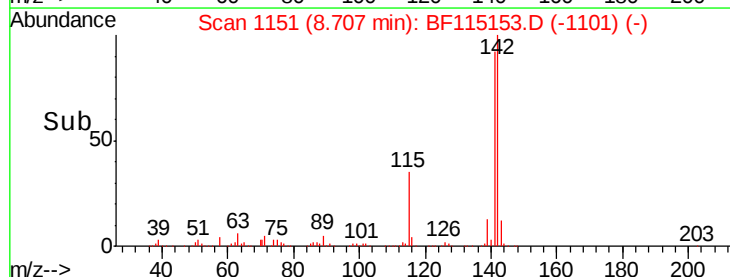
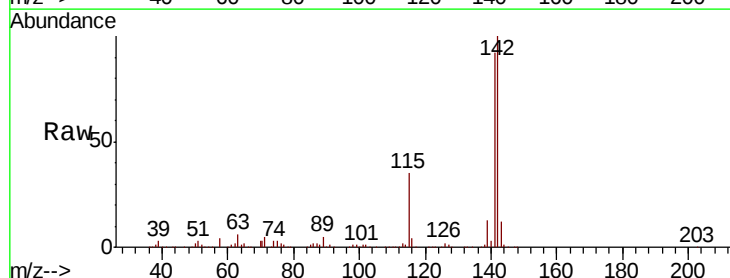
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

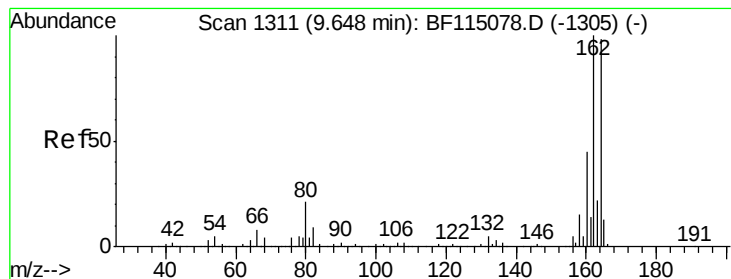
Tot Ion:142 Resp: 1418077
Ion Ratio Lower Upper
142 100
141 87.4 69.8 104.6
115 33.7 26.7 40.1



#38
1-Methylnaphthalene
Concen: 40.262 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion:142 Resp: 1337049
Ion Ratio Lower Upper
142 100
141 91.7 73.8 110.8
116 3.7 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

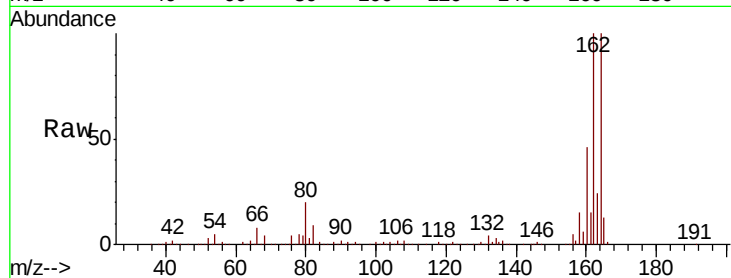
Tot Ion:164 Resp: 526208

Ion Ratio Lower Upper

164 100

162 100.3 81.7 122.5

160 45.9 37.0 55.4

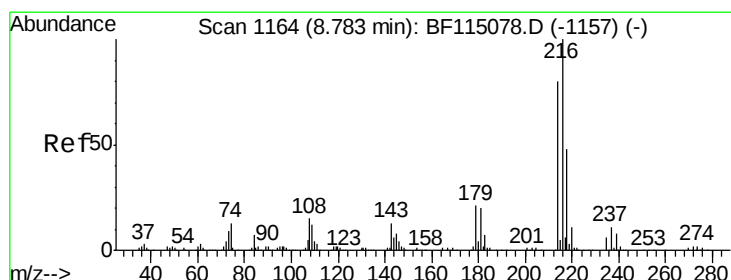
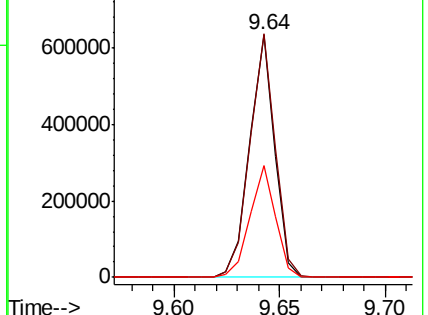
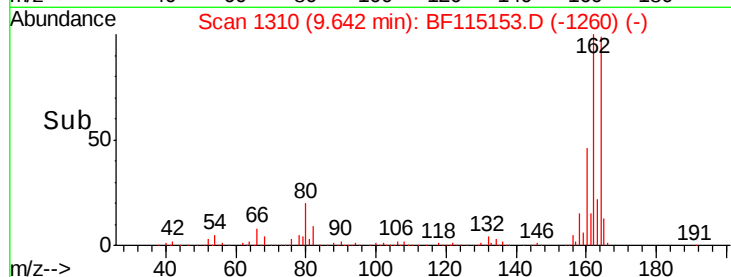


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.957 ng

RT: 8.78 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Tgt Ion:216 Resp: 623889

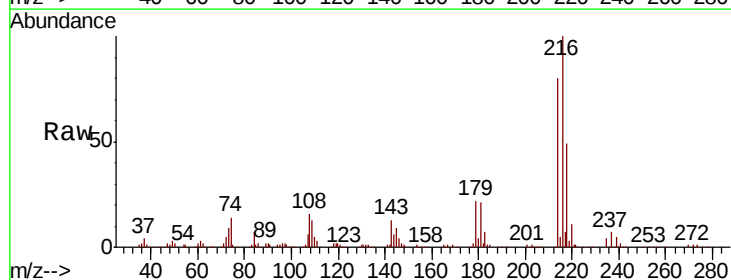
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.6

179 22.2 17.6 26.4

108 19.4 15.7 23.5



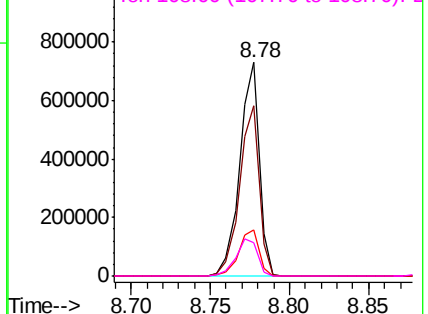
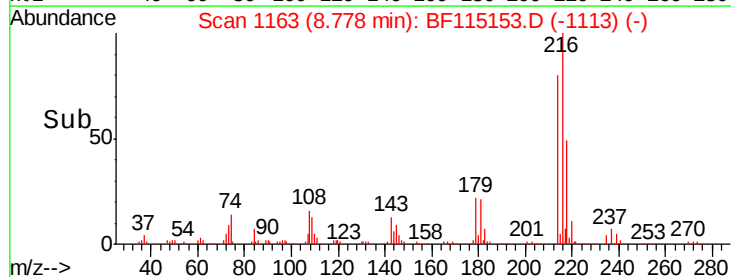
Abundance

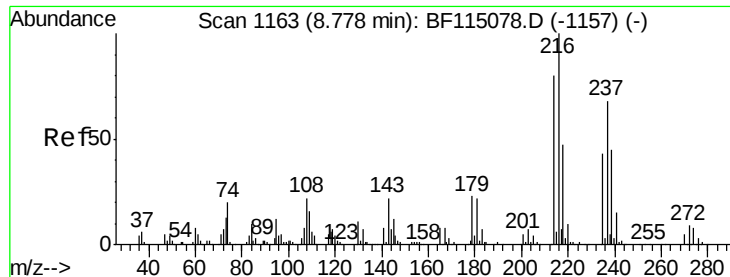
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.007 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

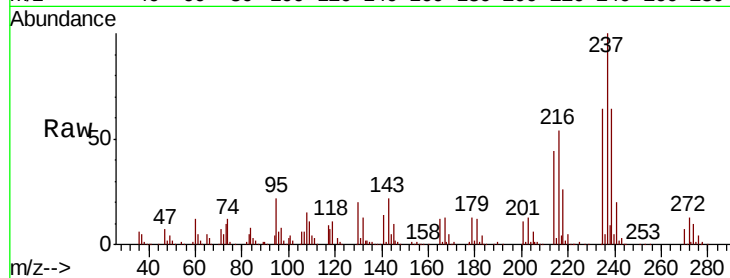
Tot Ion:237 Resp: 361569

Ion Ratio Lower Upper

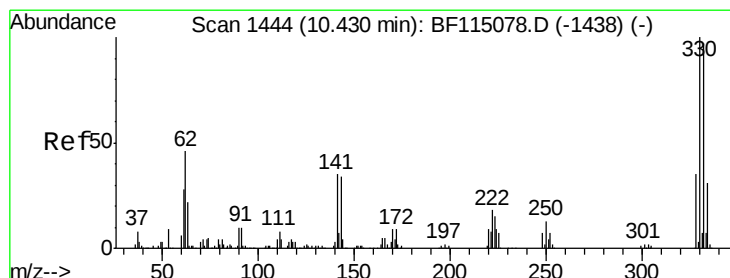
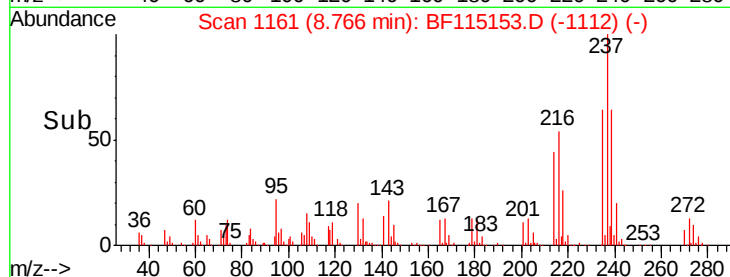
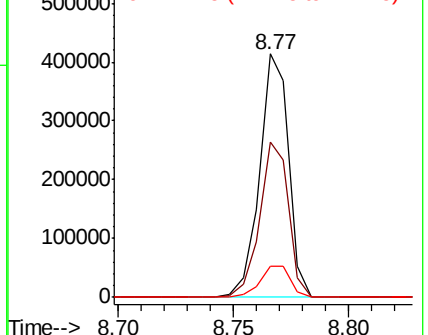
237 100

235 63.6 43.9 83.9

272 12.6 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 86.217 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

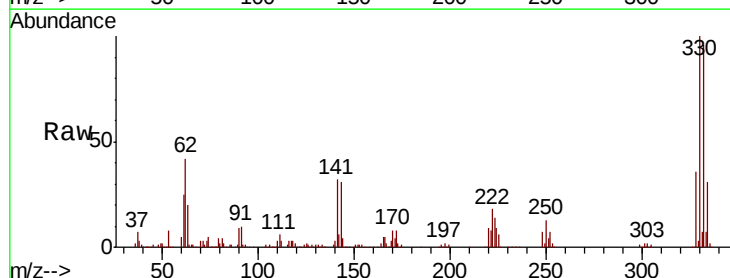
Tgt Ion:330 Resp: 478420

Ion Ratio Lower Upper

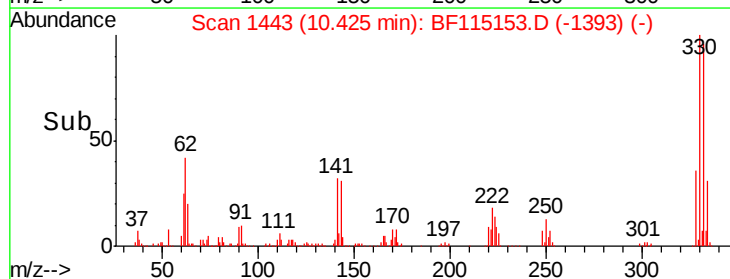
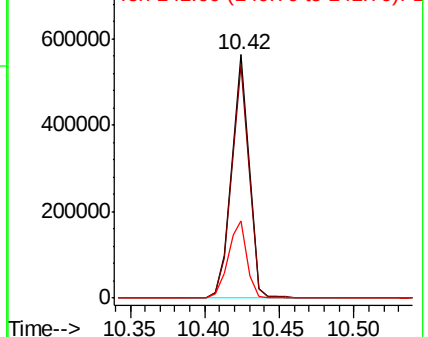
330 100

332 96.2 77.3 115.9

141 33.4 28.2 42.2



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

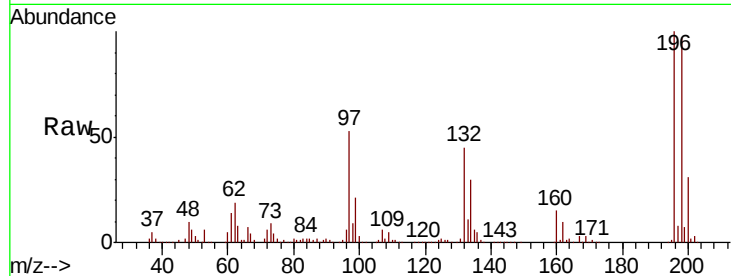




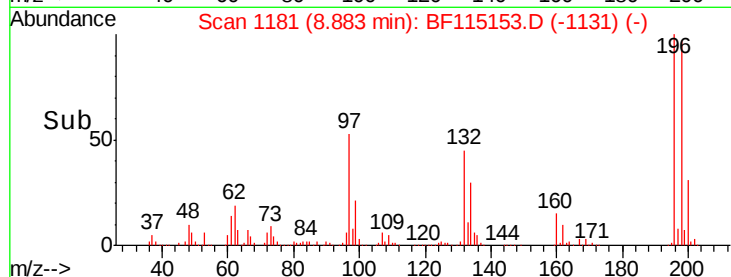
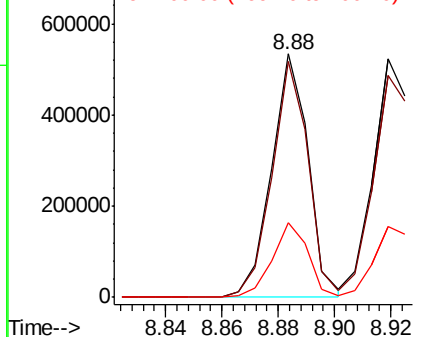
#43
 2,4,6-Trichlorophenol
 Concen: 41.648 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 478114
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.3 114.5
 200 30.8 24.2 36.4



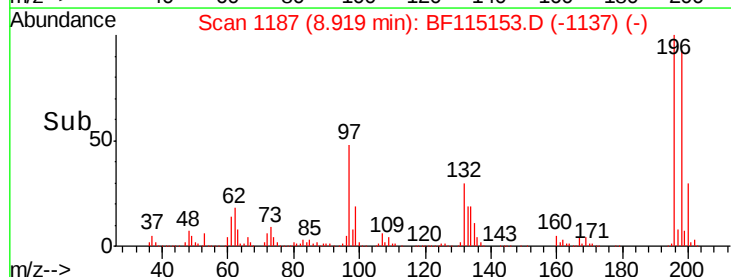
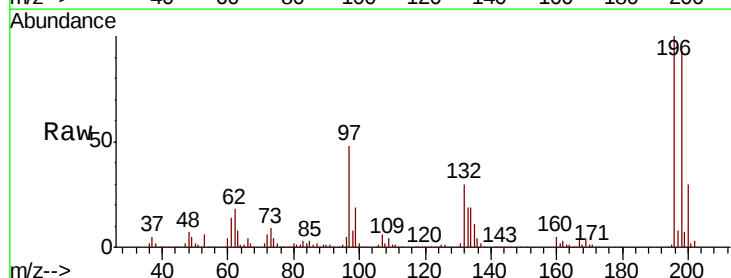
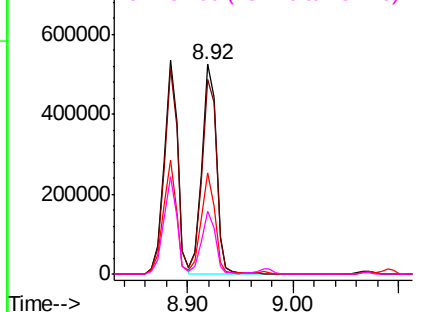
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

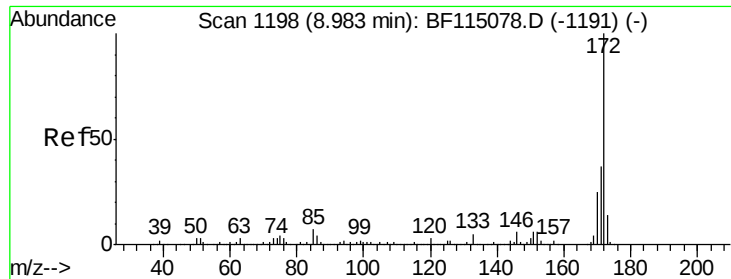


#44
 2,4,5-Trichlorophenol
 Concen: 41.716 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Tgt Ion:196 Resp: 493169
 Ion Ratio Lower Upper
 196 100
 198 93.1 77.1 115.7
 97 48.2 37.7 56.5
 132 29.8 23.1 34.7

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

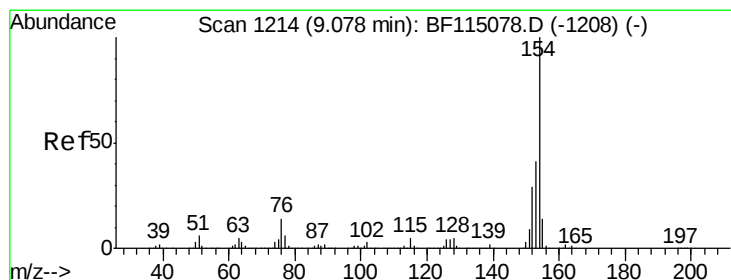
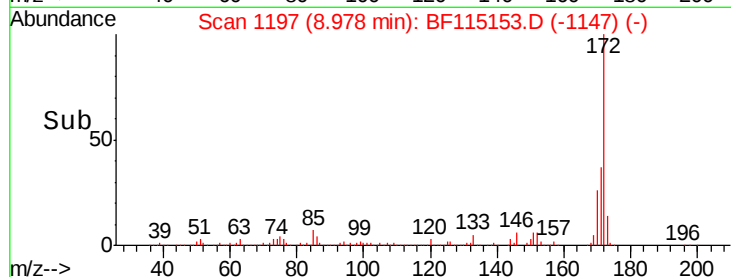
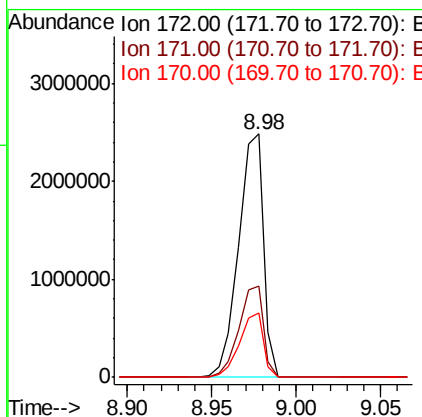
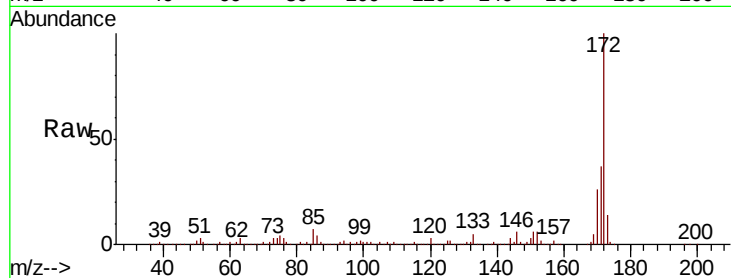




#45
2-Fluorobiphenyl
Concen: 82.395 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

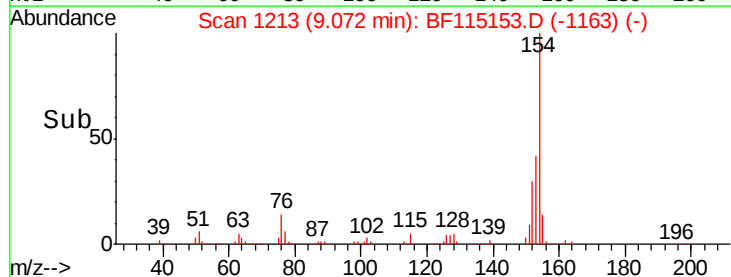
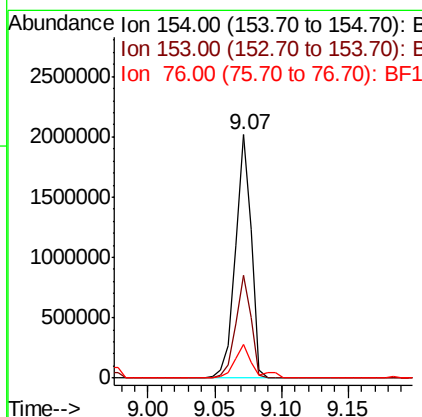
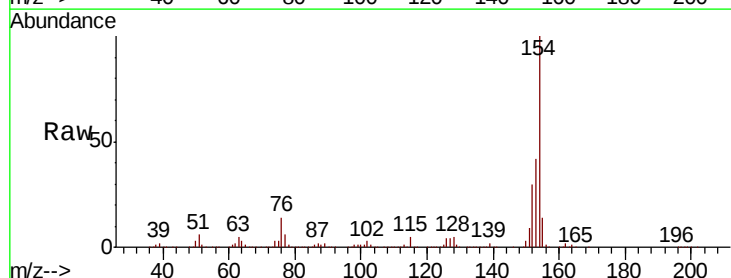
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

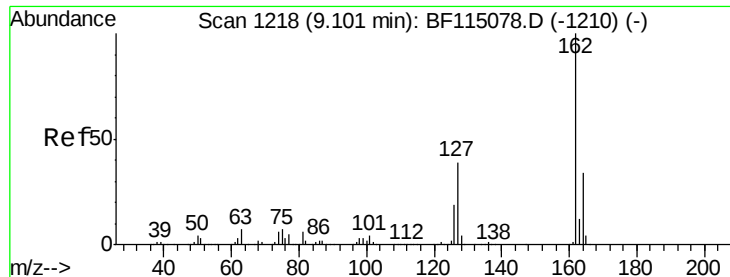
Tot Ion:172 Resp: 2552460
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 26.3 20.3 30.5



#46
1,1'-Biphenyl
Concen: 39.946 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion:154 Resp: 1681888
Ion Ratio Lower Upper
154 100
153 42.0 20.9 60.9
76 13.9 0.0 34.1

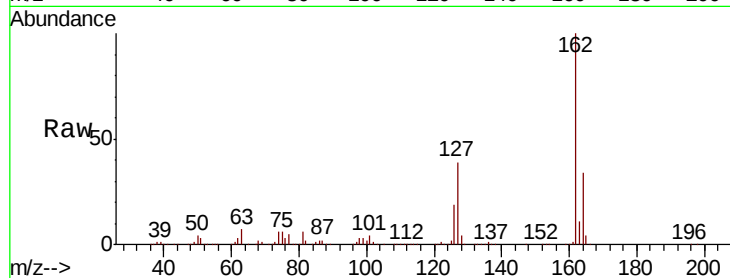




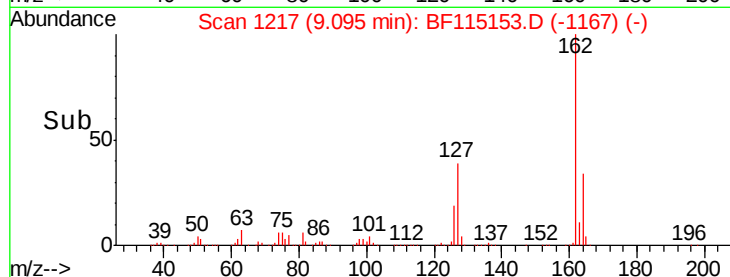
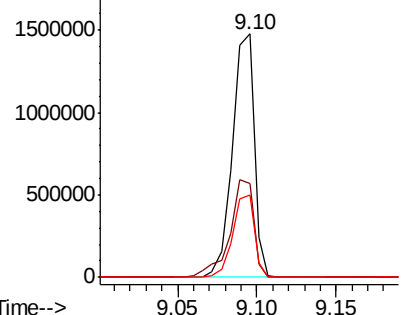
#47
2-Chloronaphthalene
Concen: 41.111 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 1404052
Ion Ratio Lower Upper
162 100
127 38.5 30.8 46.2
164 33.8 27.0 40.4

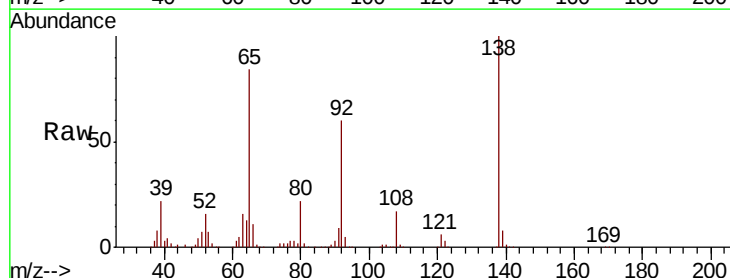


Abundance Ion 162.00 (161.70 to 162.70): E
2000000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

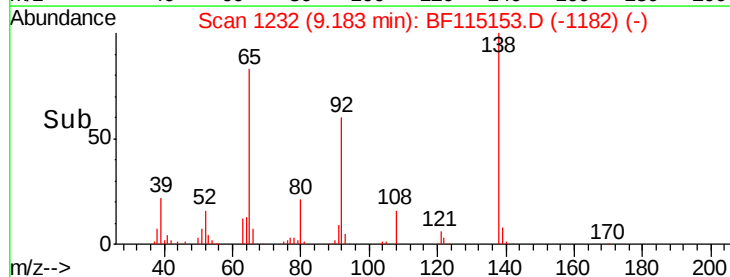
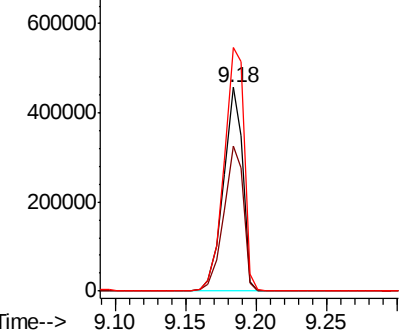


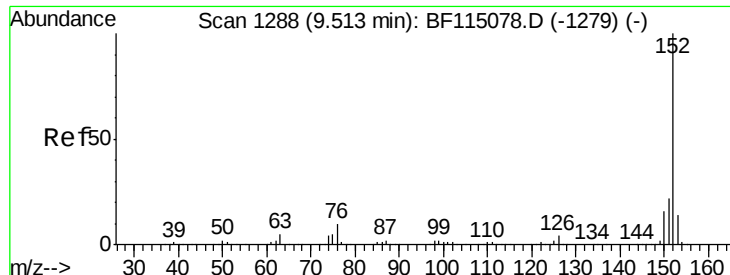
#48
2-Nitroaniline
Concen: 43.346 ng
RT: 9.18 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion: 65 Resp: 431601
Ion Ratio Lower Upper
65 100
92 71.3 57.4 86.2
138 119.7 94.1 141.1



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: 39.393 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

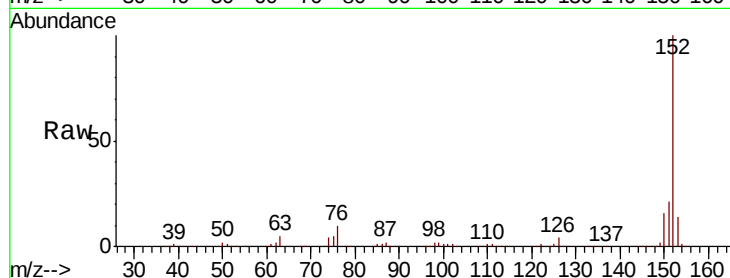
Tot Ion:152 Resp: 2096169

Ion Ratio Lower Upper

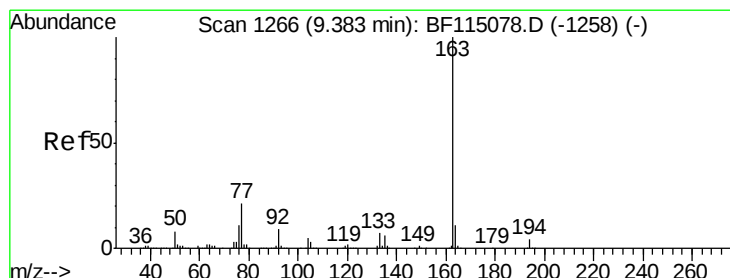
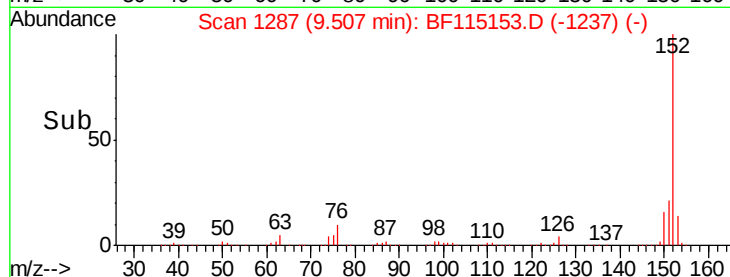
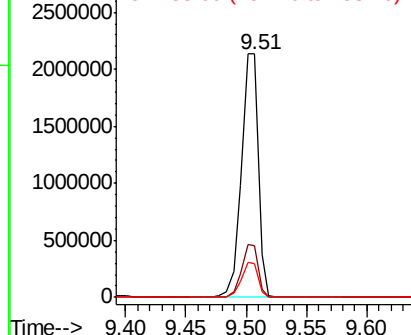
152 100

151 21.4 17.2 25.8

153 13.9 11.0 16.6



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: 40.948 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

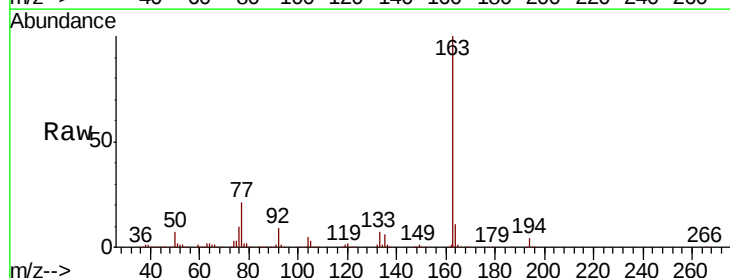
Tgt Ion:163 Resp: 1585277

Ion Ratio Lower Upper

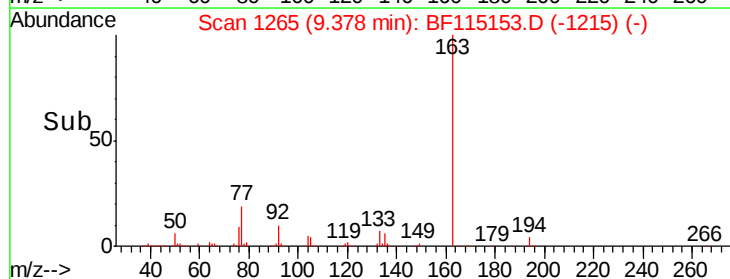
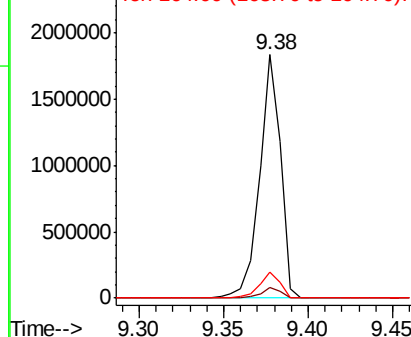
163 100

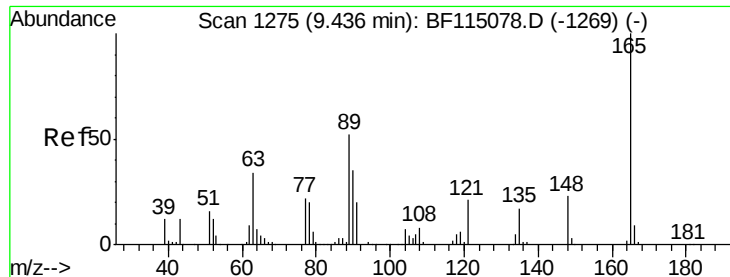
194 4.1 3.2 4.8

164 10.9 8.6 13.0



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

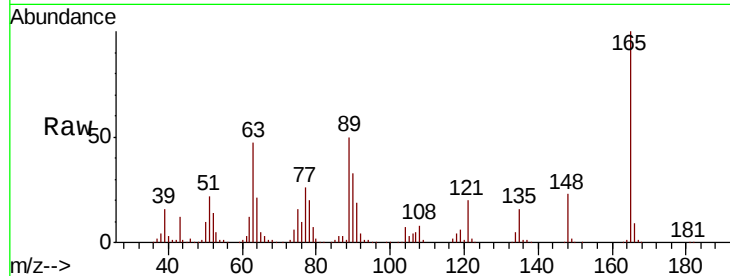




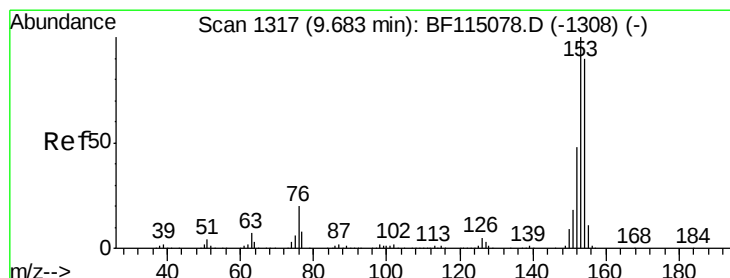
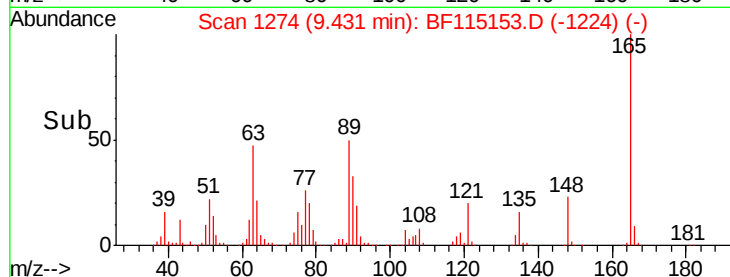
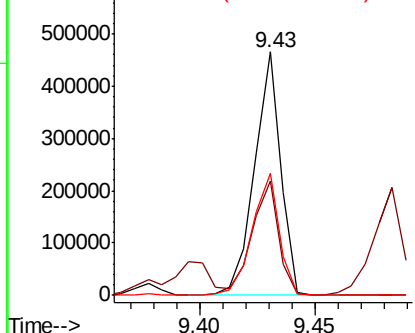
#51
2,6-Dinitrotoluene
Concen: 41.505 ng
RT: 9.43 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 370972
Ion Ratio Lower Upper
165 100
63 47.1 39.4 59.2
89 50.3 42.0 63.0

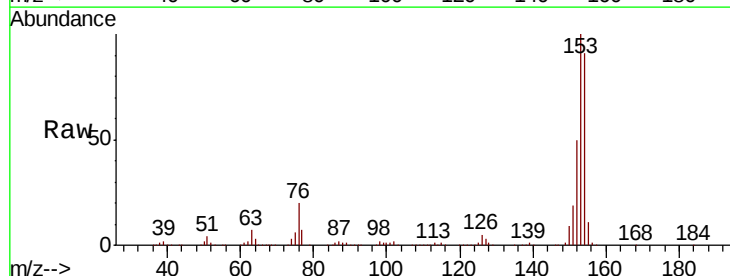


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

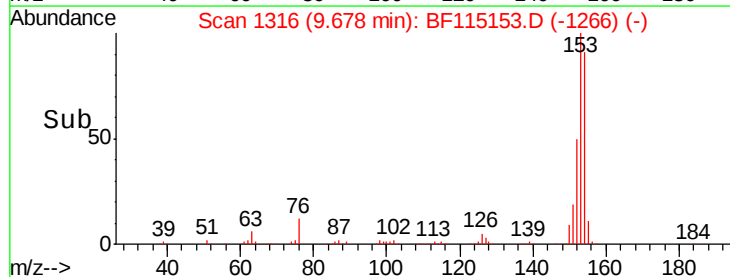
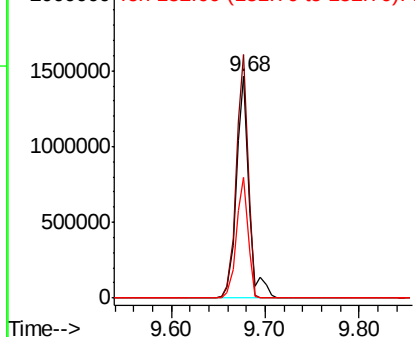


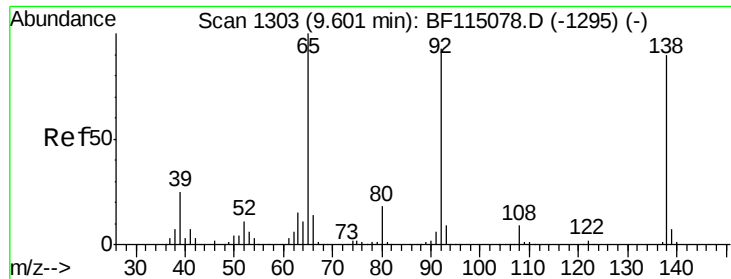
#52
Acenaphthene
Concen: 40.659 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion:154 Resp: 1353820
Ion Ratio Lower Upper
154 100
153 109.8 88.7 133.1
152 54.7 42.6 64.0



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

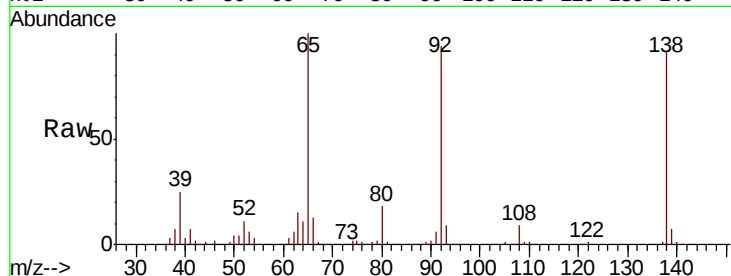




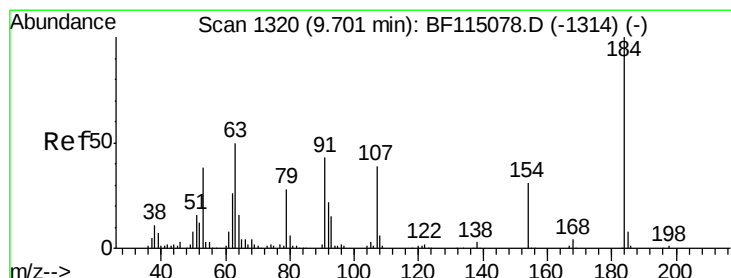
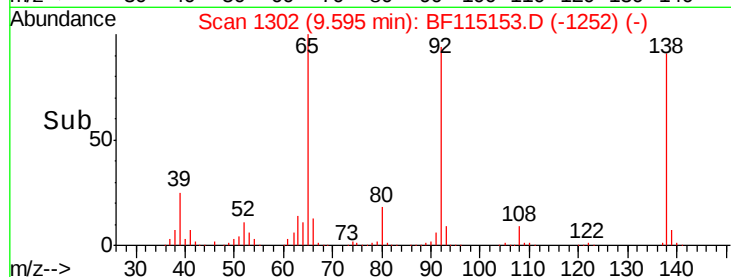
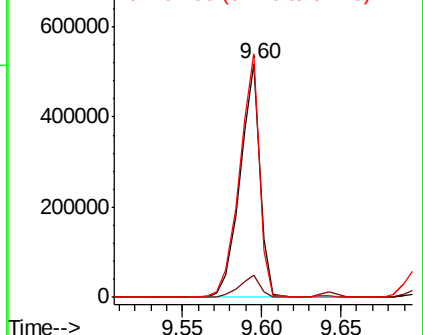
#53
3-Nitroaniline
Concen: 41.147 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 448798
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.6
92 104.1 82.9 124.3

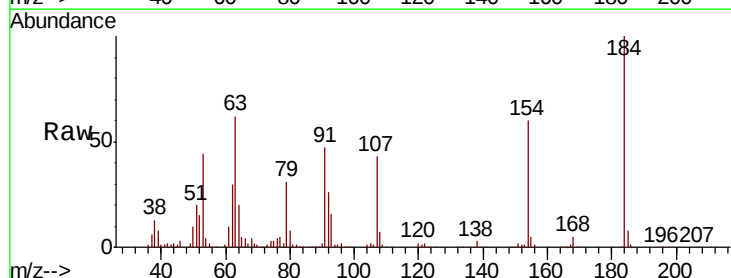


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

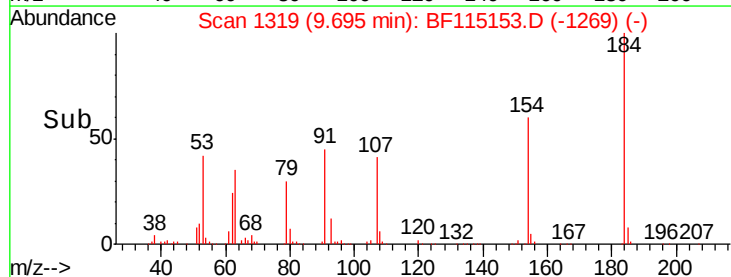
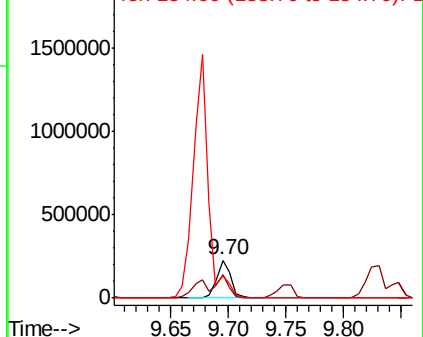


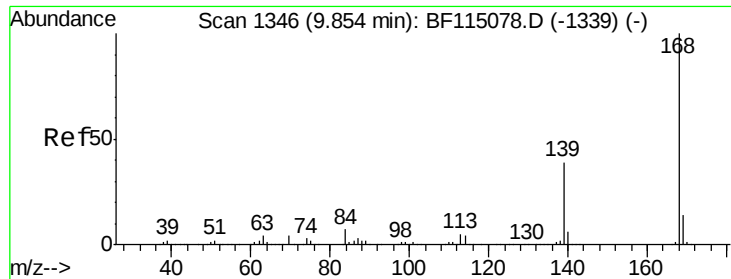
#54
2,4-Dinitrophenol
Concen: 45.023 ng
RT: 9.70 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion:184 Resp: 190810
Ion Ratio Lower Upper
184 100
63 62.4 41.9 62.9
154 60.3 44.7 67.1



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

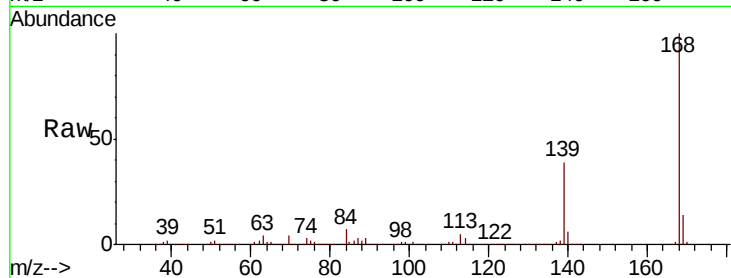




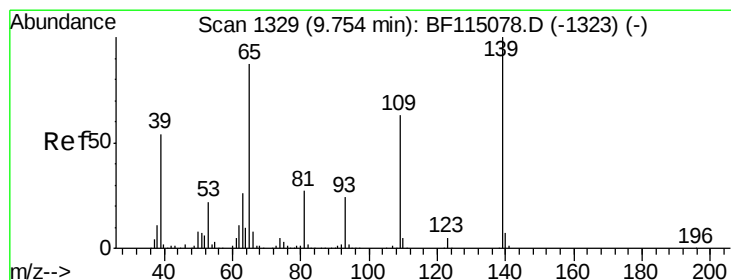
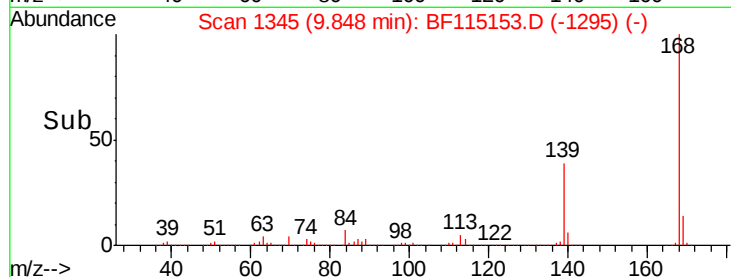
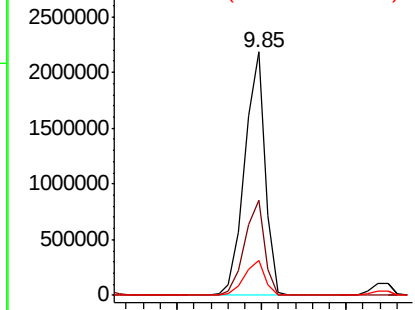
#55
Dibenzofuran
Concen: 38.550 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1842301
Ion Ratio Lower Upper
168 100
139 39.0 31.1 46.7
169 14.3 11.3 16.9

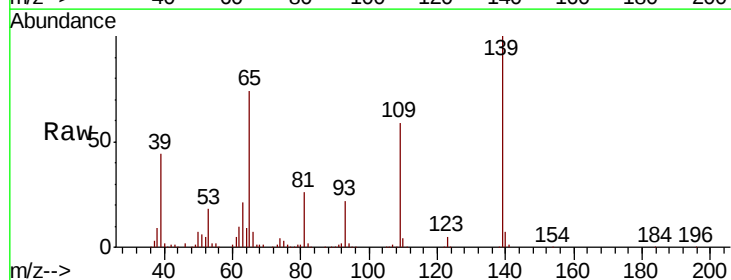


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

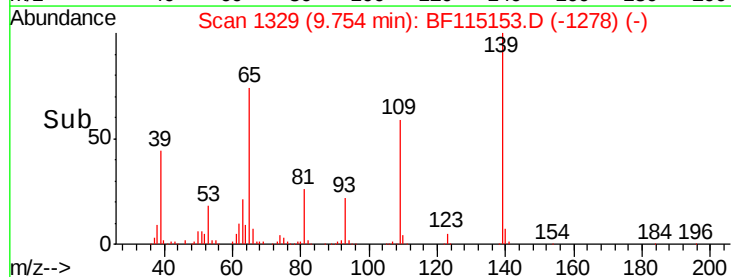
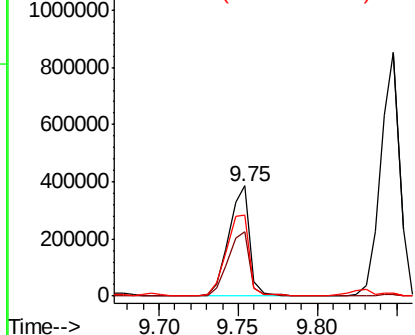


#56
4-Nitrophenol
Concen: 40.748 ng
RT: 9.75 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion:139 Resp: 356314
Ion Ratio Lower Upper
139 100
109 58.9 43.0 83.0
65 74.2 67.0 107.0



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

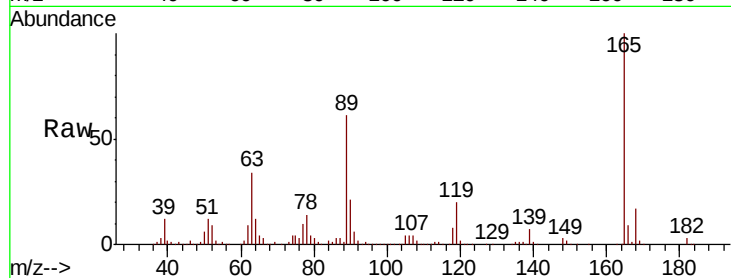




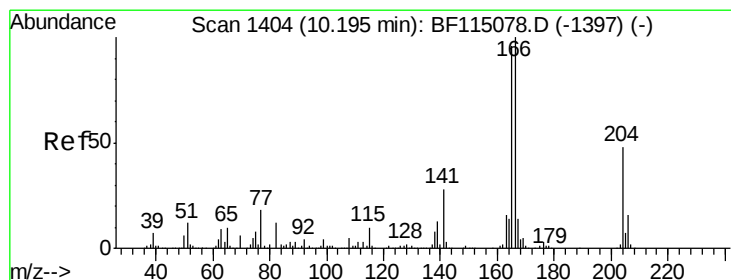
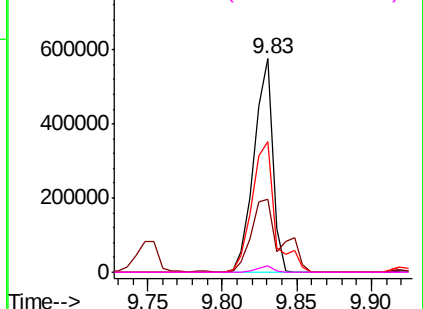
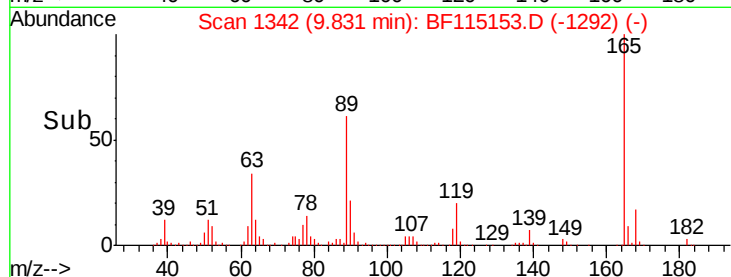
#57
2,4-Dinitrotoluene
Concen: 43.050 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	165	Resp:	496829
Ion	Ratio	Lower	Upper
165	100		
63	34.3	27.5	41.3
89	61.0	49.9	74.9
182	2.8	2.1	3.1

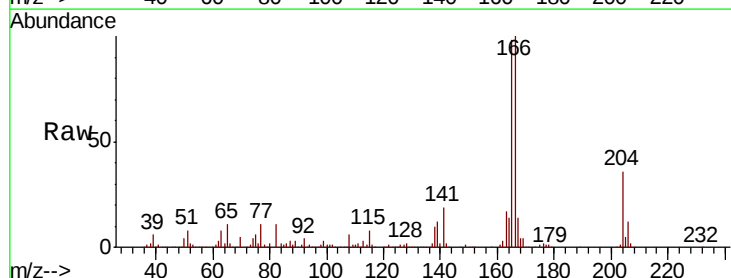


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

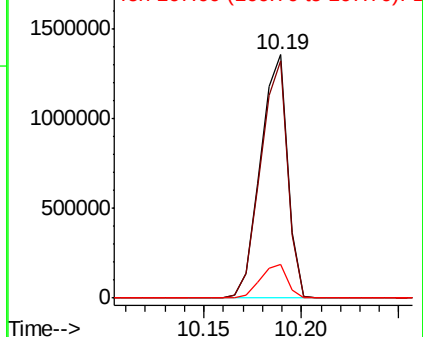
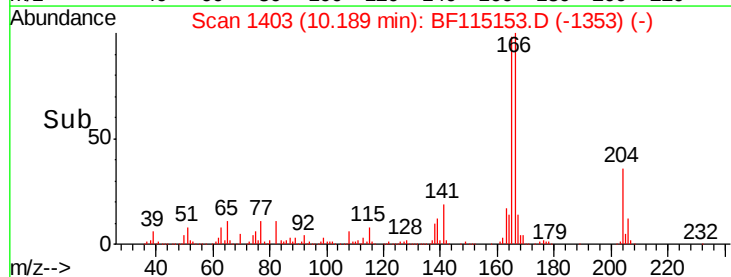


#58
Fluorene
Concen: 40.363 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion:	166	Resp:	1305886
Ion	Ratio	Lower	Upper
166	100		
165	97.7	76.5	114.7
167	13.6	11.0	16.4



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

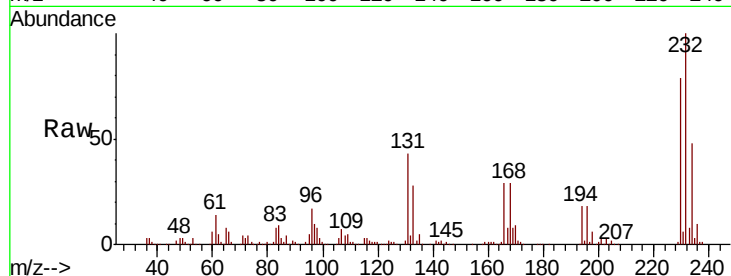




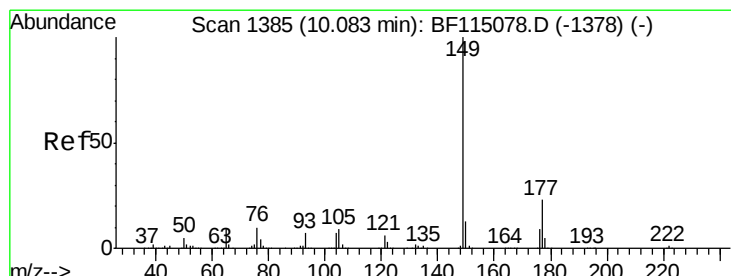
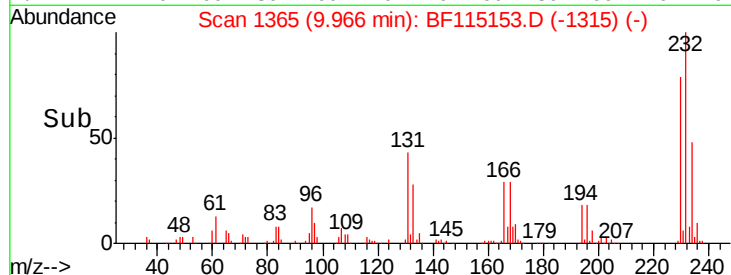
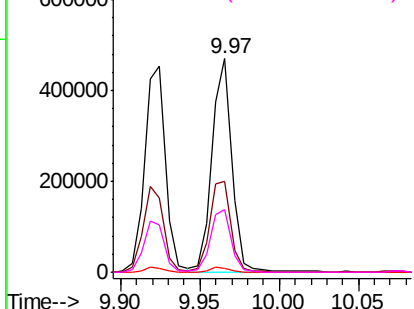
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.137 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232	Resp:	407799
Ion Ratio	Lower	Upper
232	100	
131	46.2	37.4 56.0
130	2.3	1.8 2.6
166	30.8	24.6 36.8

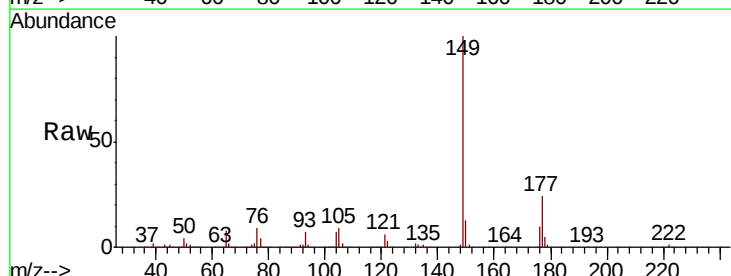


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

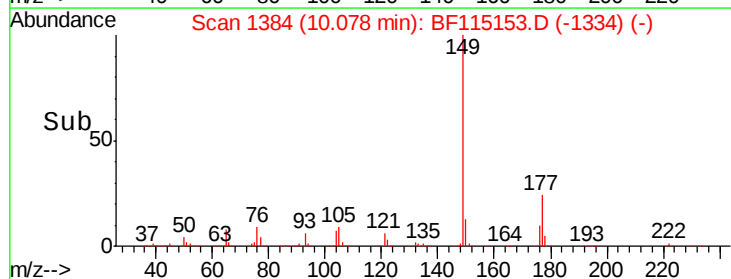
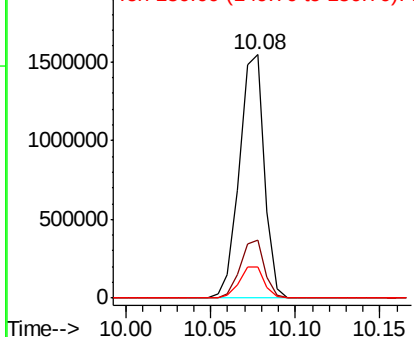


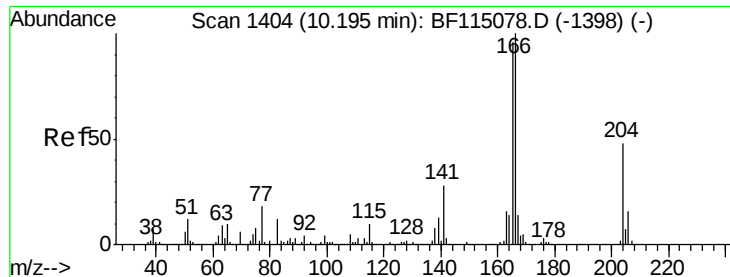
#60
 Diethylphthalate
 Concen: 40.962 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Tgt Ion:149	Resp:	1594053
Ion Ratio	Lower	Upper
149	100	
177	24.1	18.7 28.1
150	13.0	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

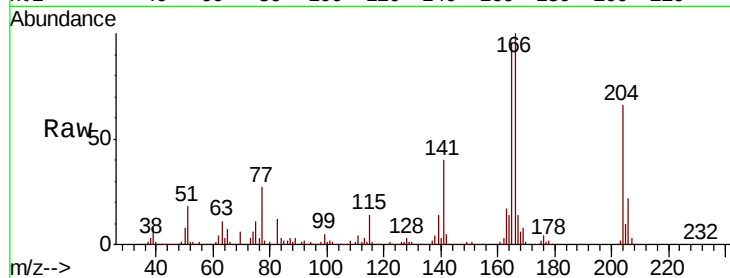




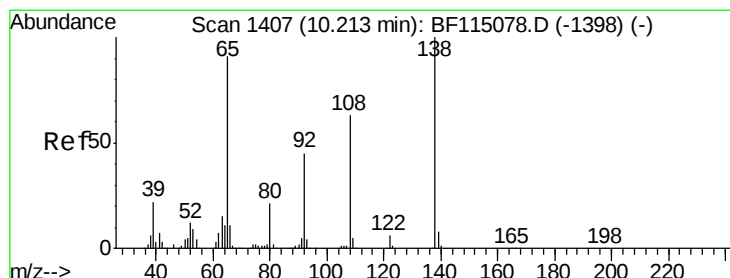
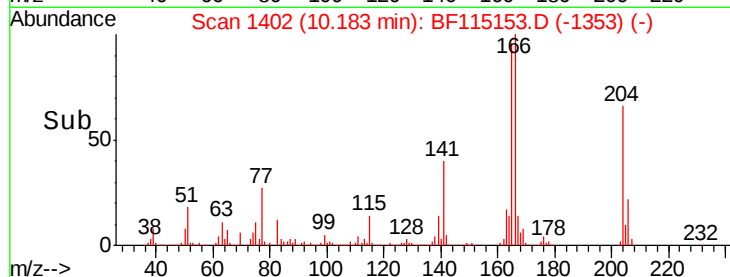
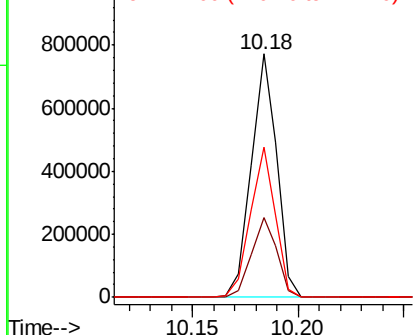
#61
4-Chlorophenyl-phenylether
Concen: 42.398 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 647039
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 61.4 46.7 70.1

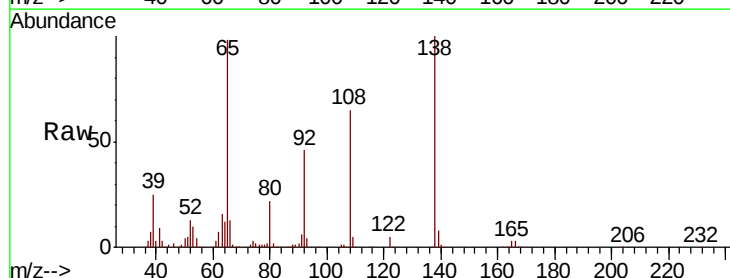


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

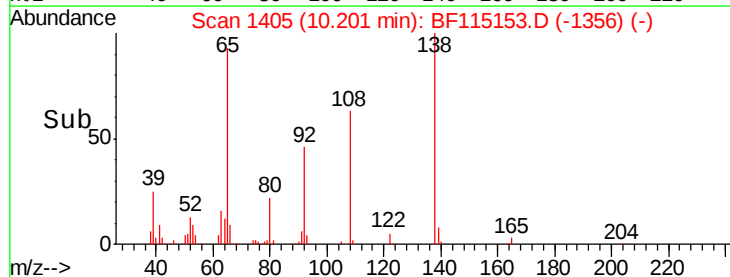
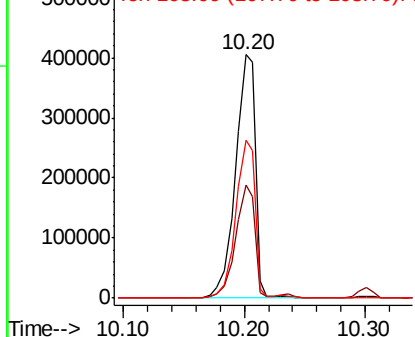


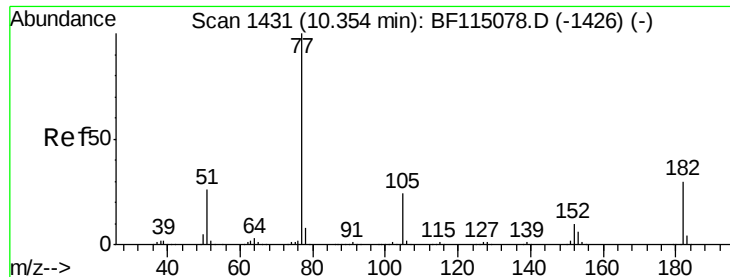
#62
4-Nitroaniline
Concen: 42.675 ng
RT: 10.20 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion:138 Resp: 466952
Ion Ratio Lower Upper
138 100
92 46.3 24.8 64.8
108 64.9 43.3 83.3



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

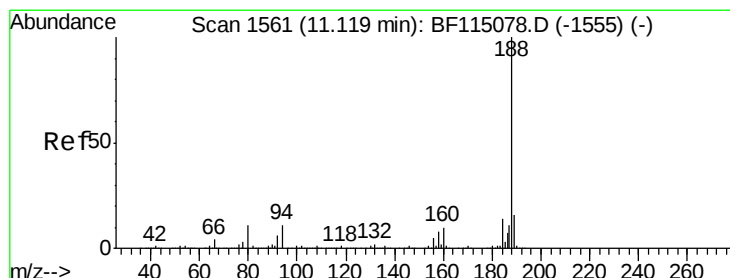
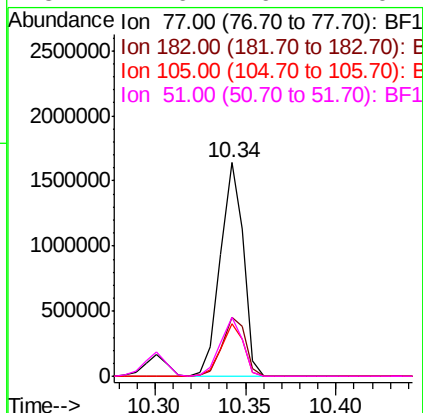
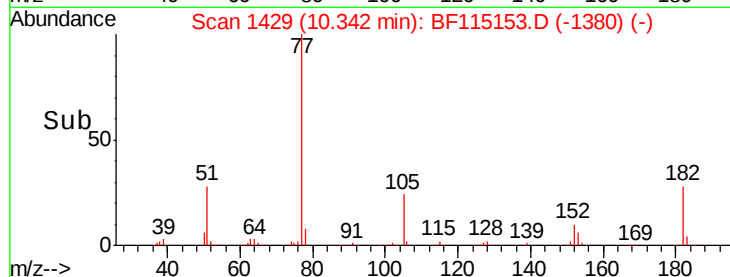
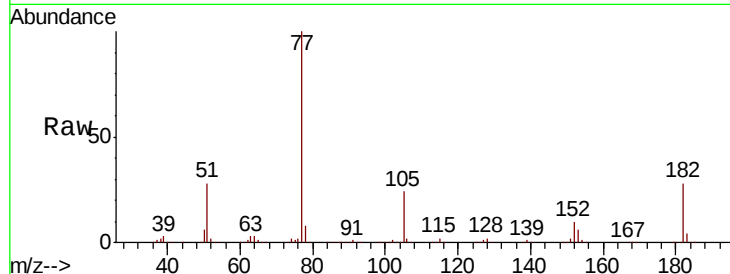




#63
Azobenzene
Concen: 39.675 ng
RT: 10.34 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

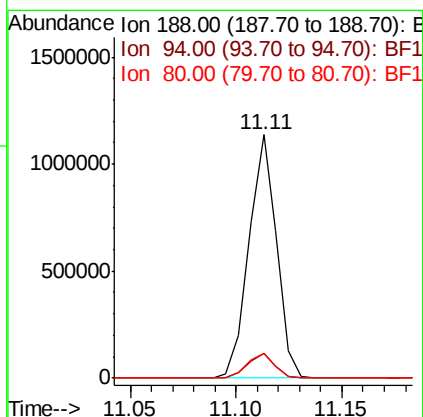
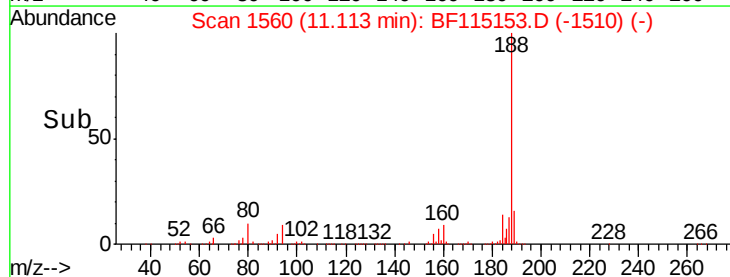
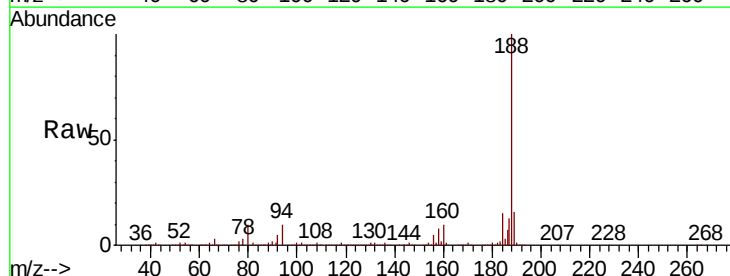
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

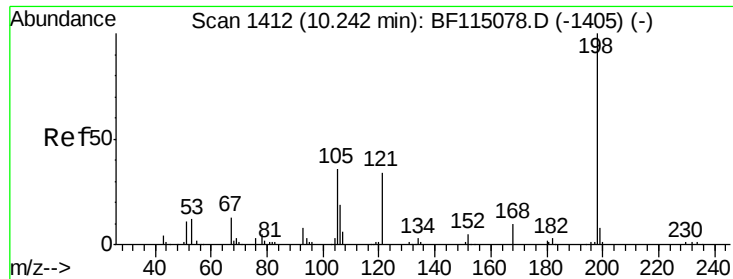
Tot Ion: 77 Resp: 1442144
Ion Ratio Lower Upper
77 100
182 27.7 10.1 50.1
105 24.3 4.5 44.5
51 27.6 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion: 188 Resp: 1029556
Ion Ratio Lower Upper
188 100
94 10.0 8.6 12.8
80 10.3 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 43.709 ng

RT: 10.24 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

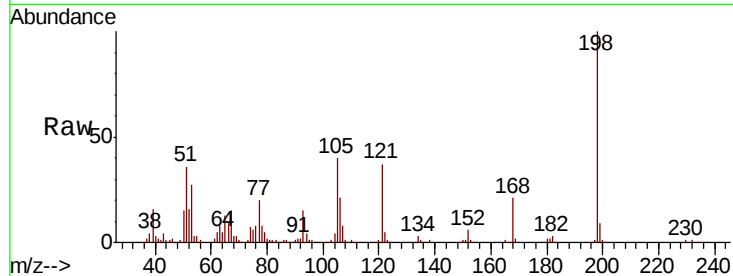
Tot Ion:198 Resp: 236735

Ion Ratio Lower Upper

198 100

51 35.6 11.0 51.0

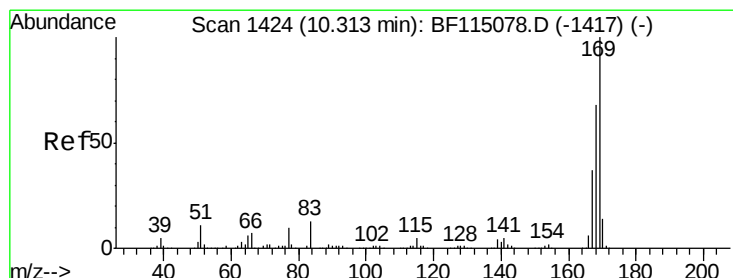
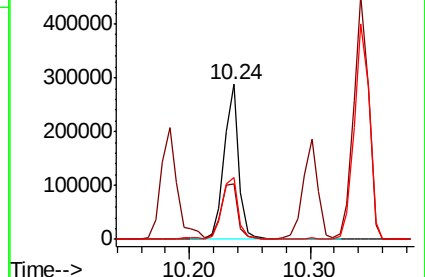
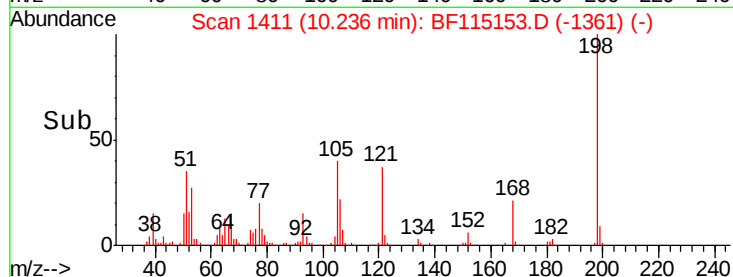
105 40.1 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.348 ng

RT: 10.30 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

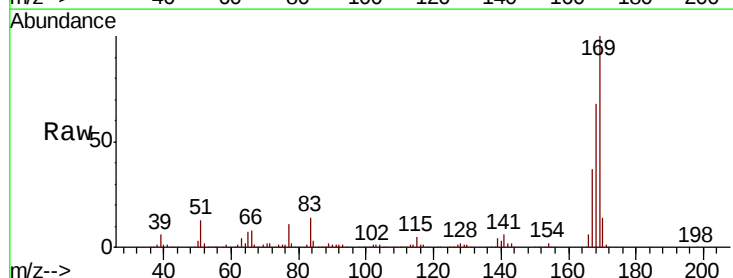
Tgt Ion:169 Resp: 1294189

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.4

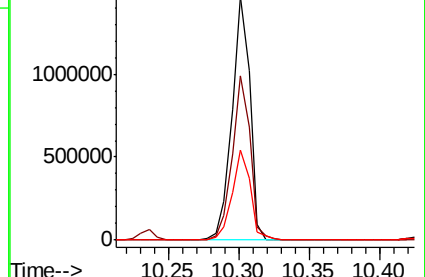
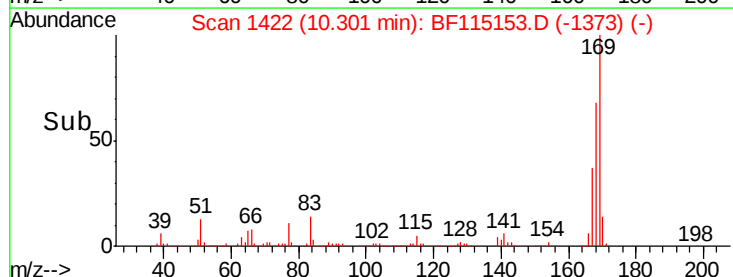
167 36.7 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

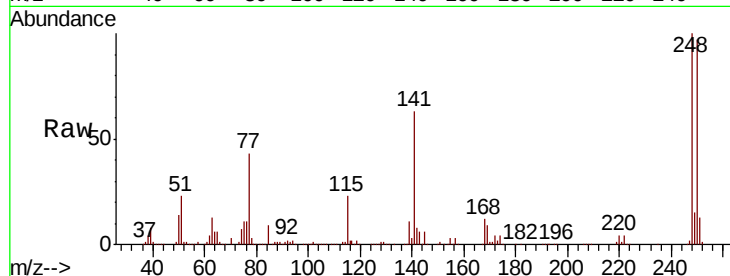




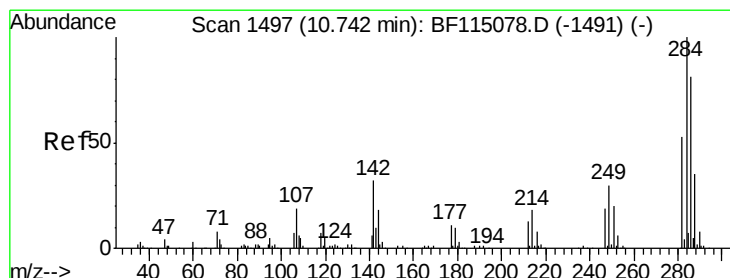
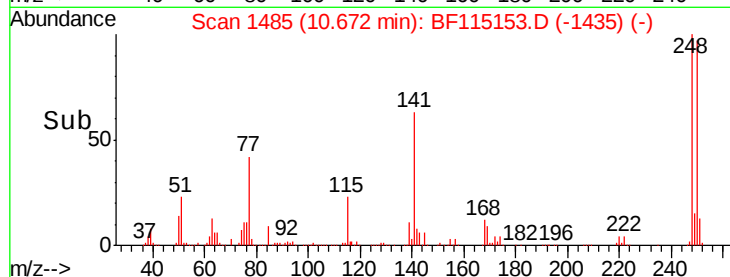
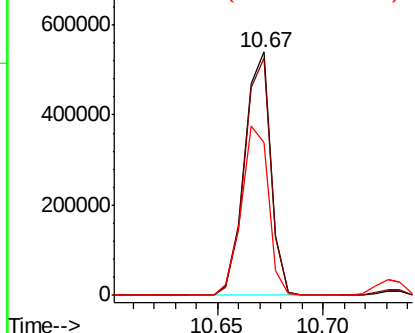
#67
 4-Bromophenyl-phenylether
 Concen: 41.886 ng
 RT: 10.67 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 467556
 Ion Ratio Lower Upper
 248 100
 250 97.2 76.2 114.2
 141 62.9 59.6 89.4

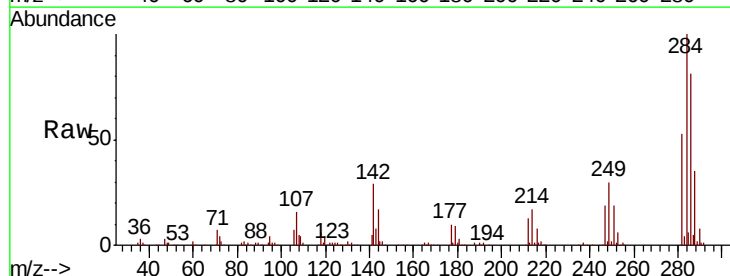


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

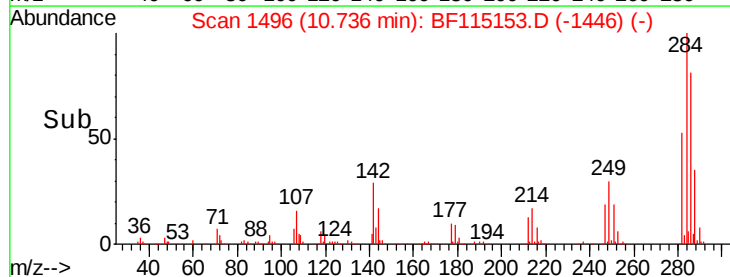
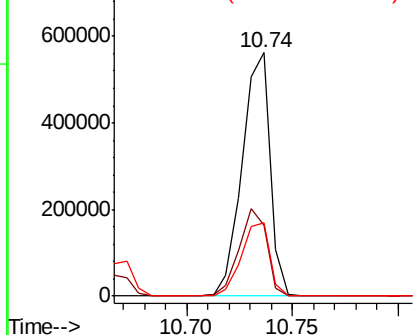


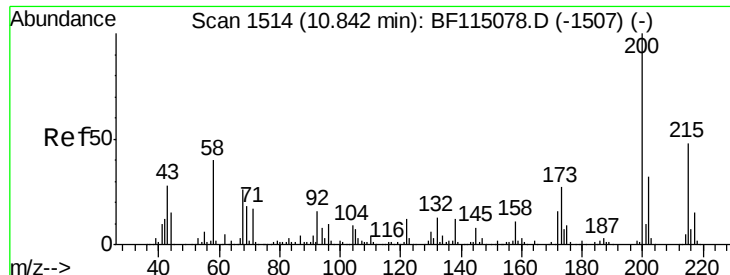
#68
 Hexachlorobenzene
 Concen: 42.534 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Tgt Ion:284 Resp: 515353
 Ion Ratio Lower Upper
 284 100
 142 29.0 25.8 38.8
 249 30.2 24.2 36.4



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

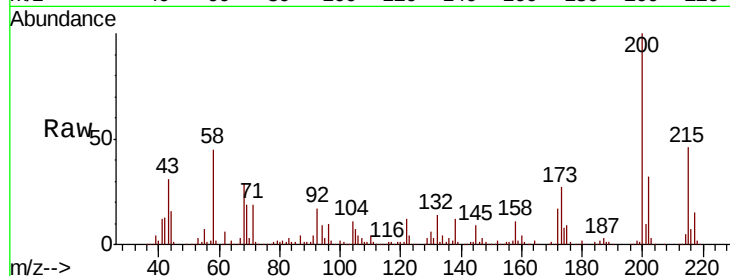




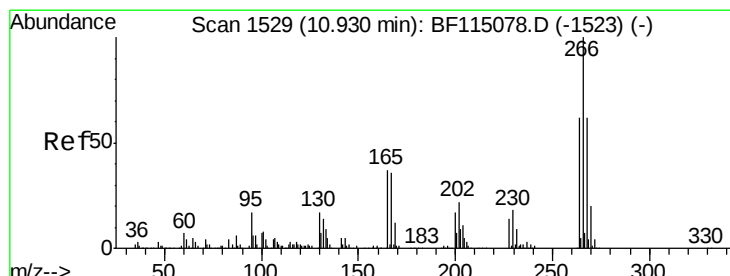
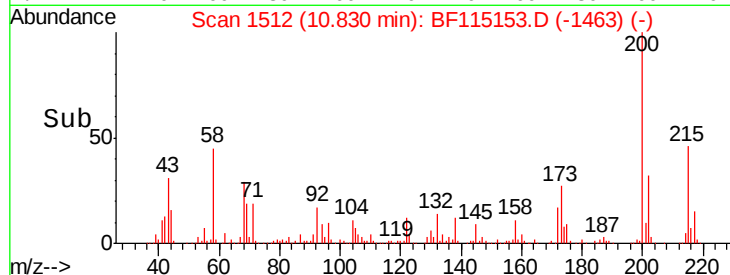
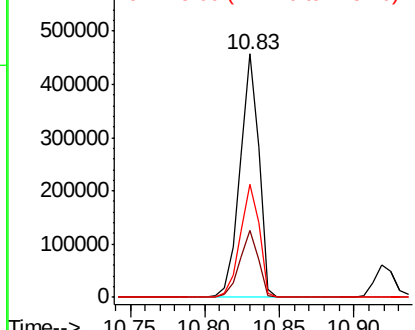
#69
 Atrazine
 Concen: 38.933 ng
 RT: 10.83 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	46.4	27.8	67.8

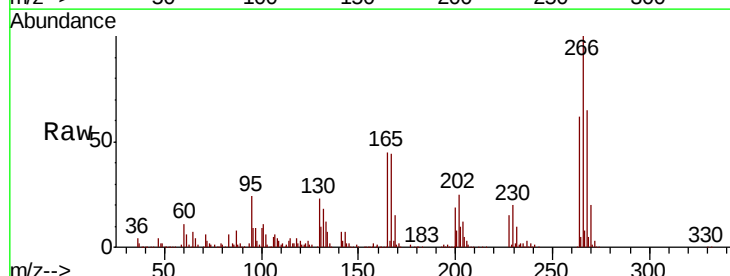


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

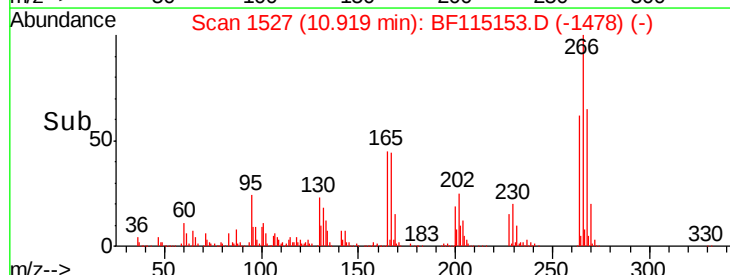
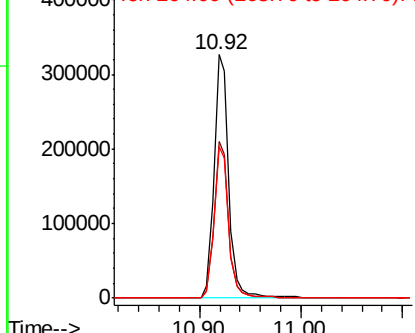


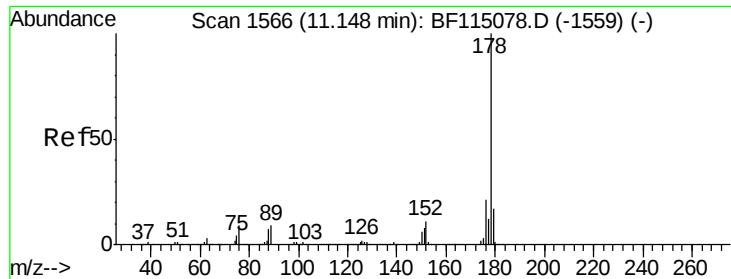
#70
 Pentachlorophenol
 Concen: 42.749 ng
 RT: 10.92 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	49.5	74.3
264	62.4	49.3	73.9



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

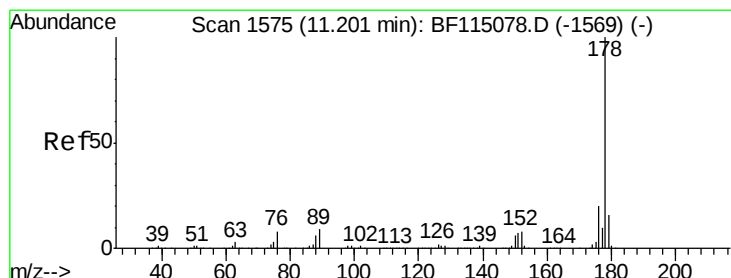
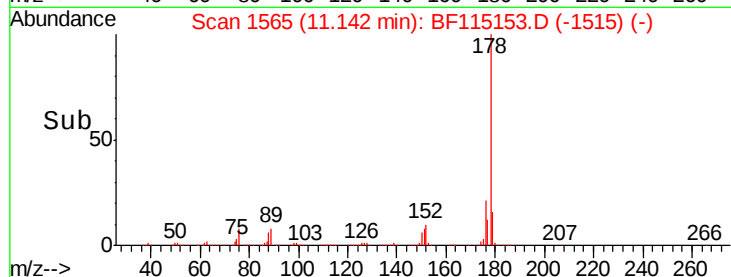
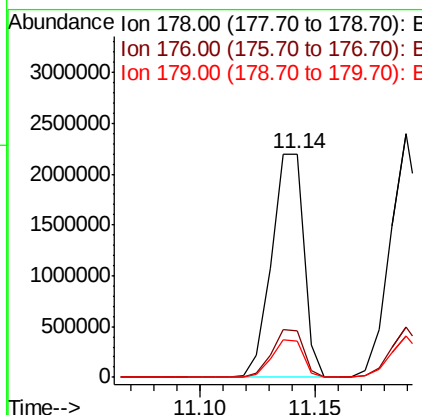
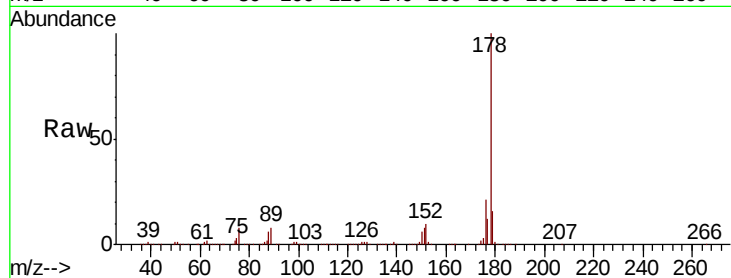




#71
Phenanthrene
Concen: 38.481 ng
RT: 11.14 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

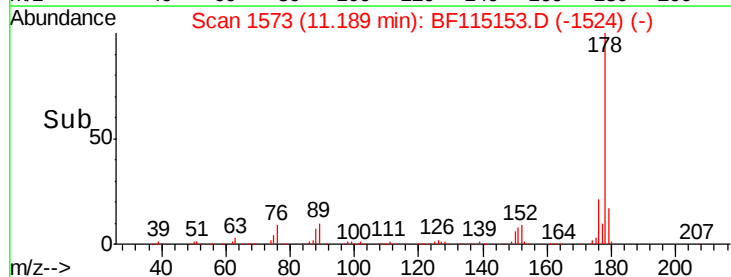
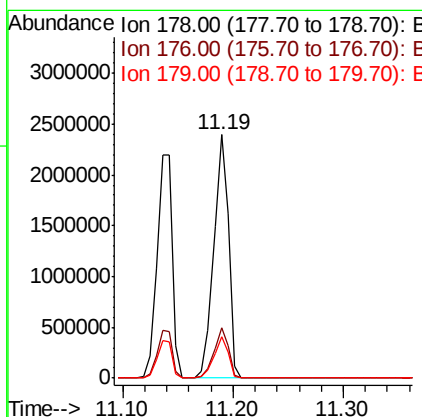
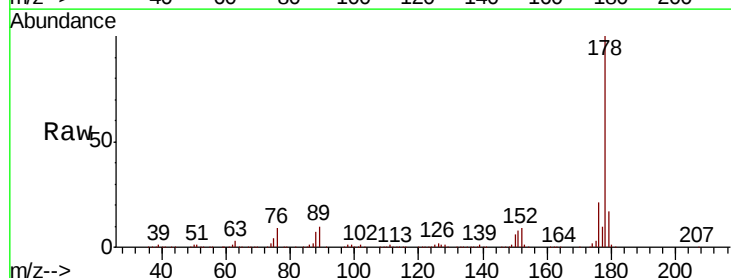
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 2133126
Ion Ratio Lower Upper
178 100
176 21.1 16.9 25.3
179 16.3 13.2 19.8



#72
Anthracene
Concen: 39.096 ng
RT: 11.19 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion:178 Resp: 2187662
Ion Ratio Lower Upper
178 100
176 20.8 16.1 24.1
179 17.0 12.9 19.3

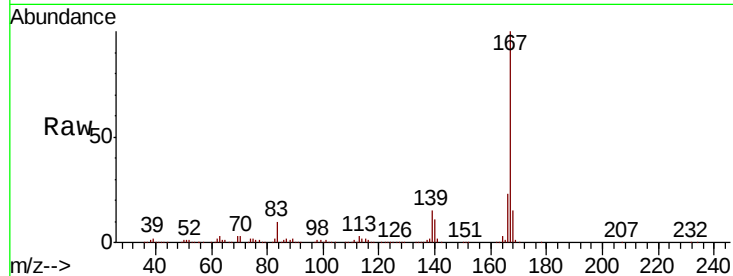




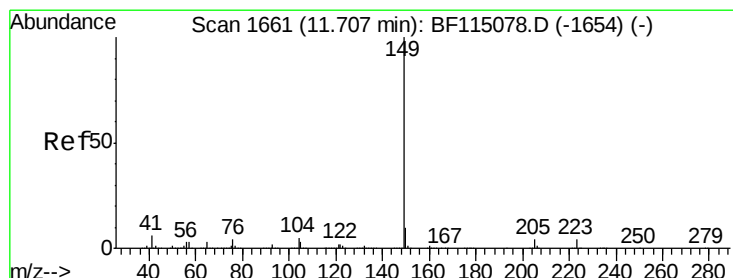
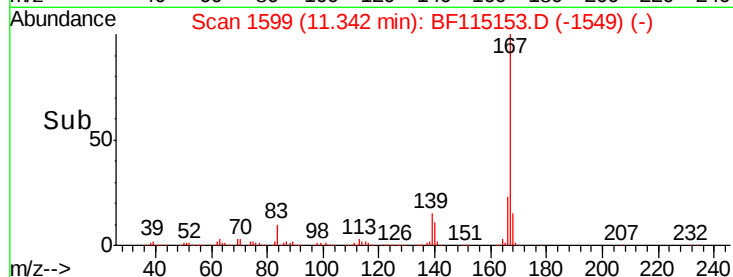
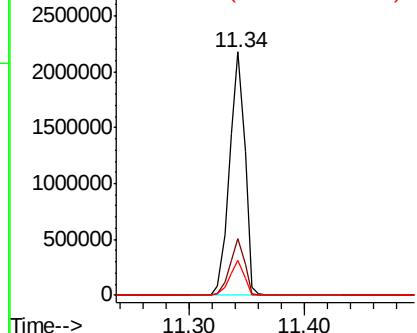
#73
 Carbazole
 Concen: 40.054 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 2001356
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.0 27.0
 139 14.5 11.1 16.7

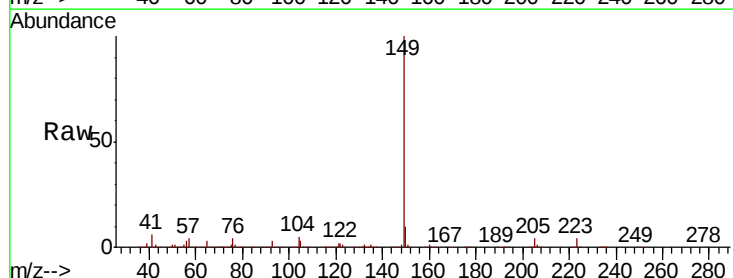


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

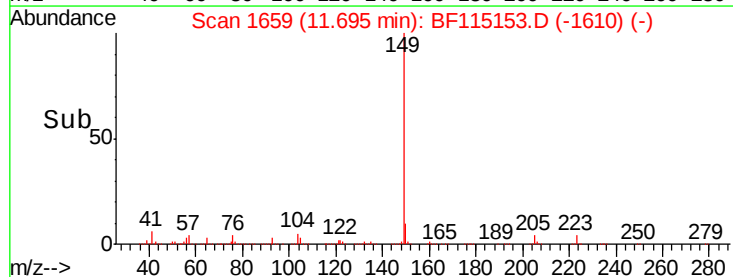
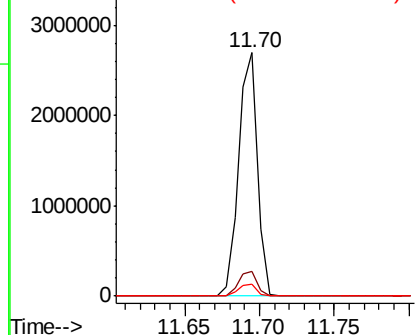


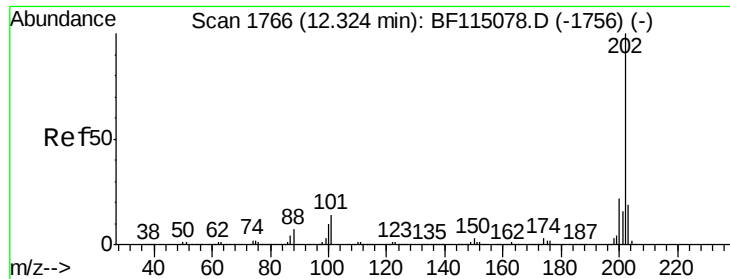
#74
 Di-n-butylphthalate
 Concen: 41.353 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Tgt Ion:149 Resp: 2387699
 Ion Ratio Lower Upper
 149 100
 150 10.3 7.8 11.8
 104 4.8 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.380 ng

RT: 12.32 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

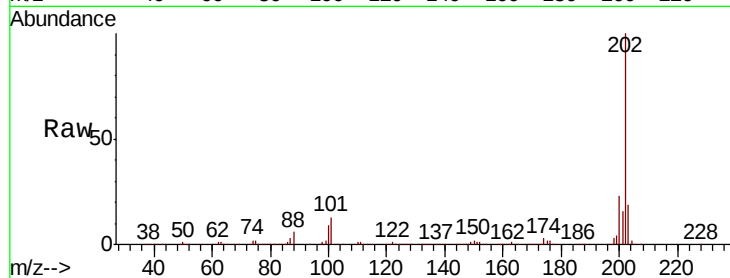
Tot Ion:202 Resp: 2233334

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.0

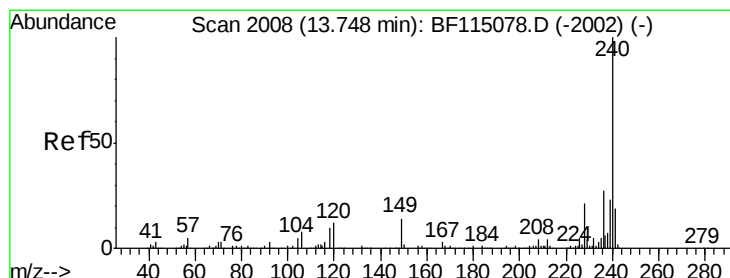
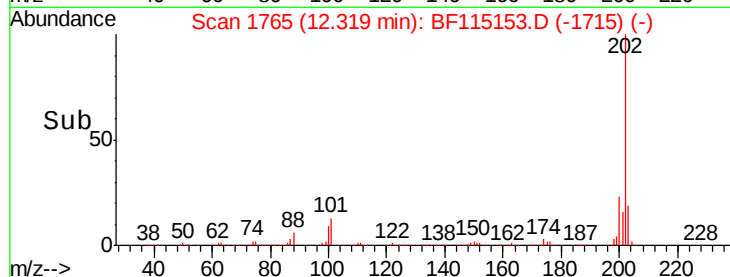
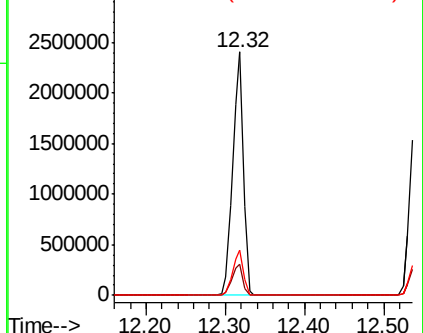
203 18.6 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.74 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

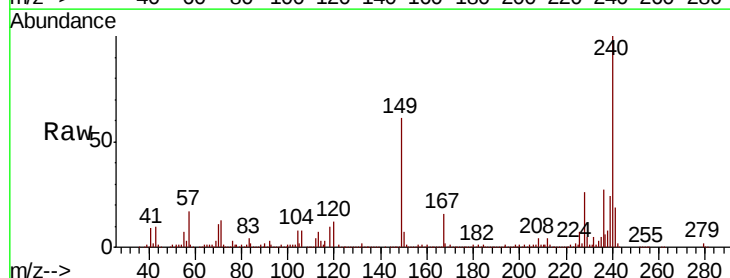
Tgt Ion:240 Resp: 735290

Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.2

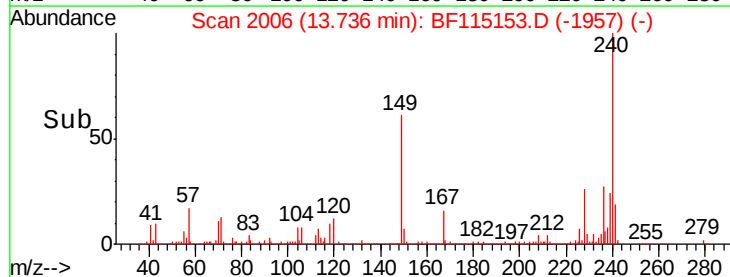
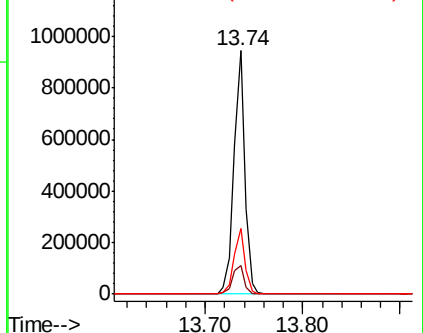
236 27.0 21.7 32.5

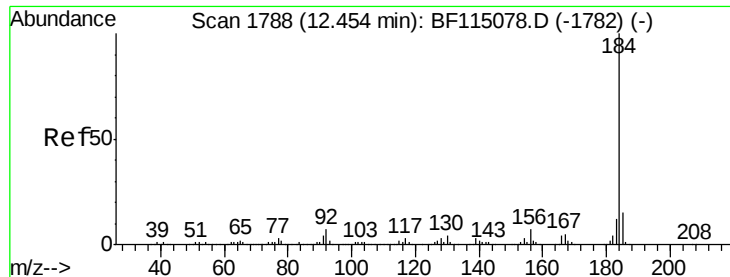


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.796 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

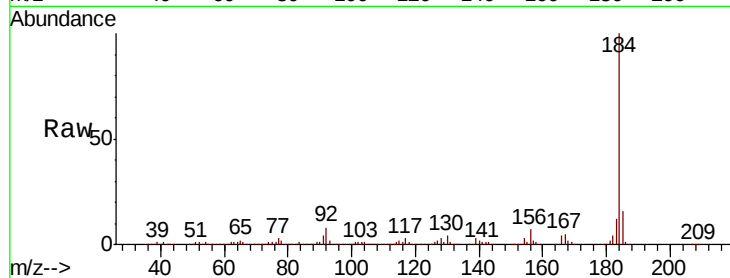
Tot Ion:184 Resp: 1168736

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.2	18.2
183	12.1	9.6	14.4

184 100

185 15.7 12.2 18.2

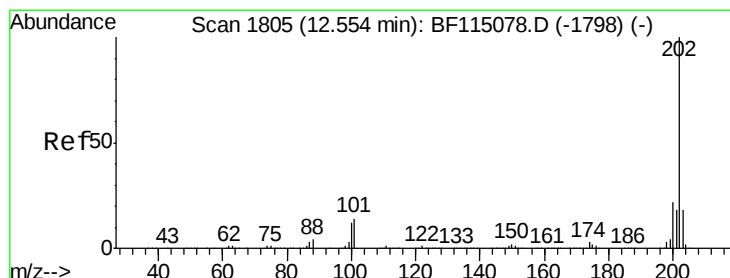
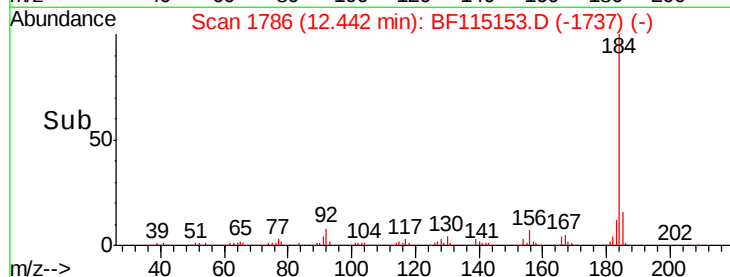
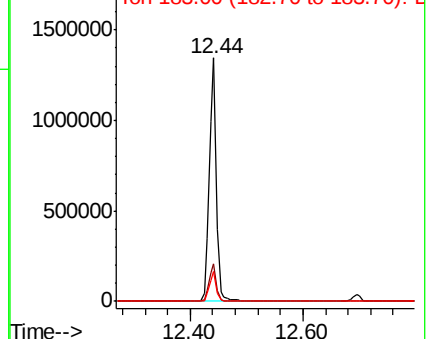
183 12.1 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.468 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

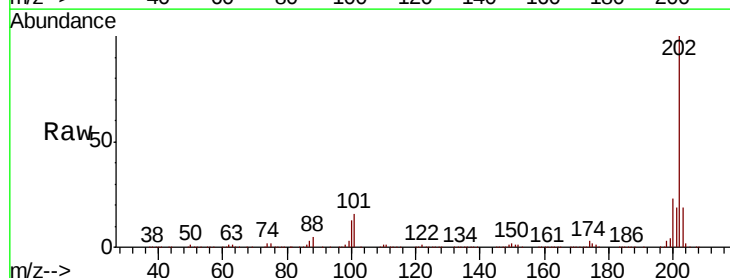
Tgt Ion:202 Resp: 2286768

Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.9	26.9
203	19.0	14.6	21.8

202 100

200 23.4 17.9 26.9

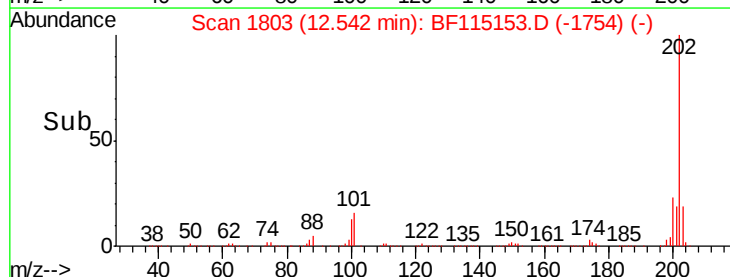
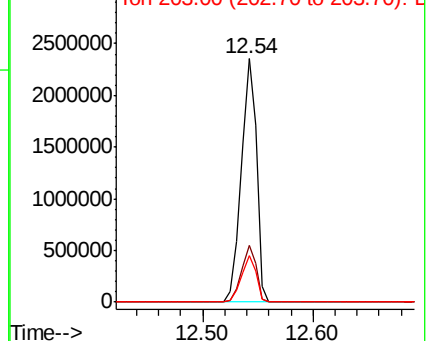
203 19.0 14.6 21.8



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: 77.034 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

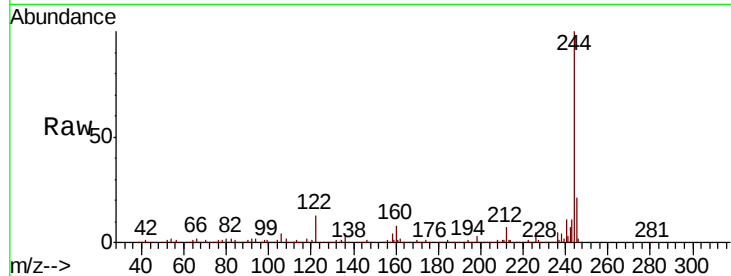
Tot Ion:244 Resp: 2664063

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

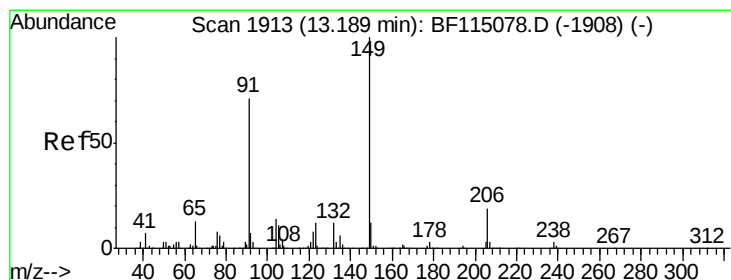
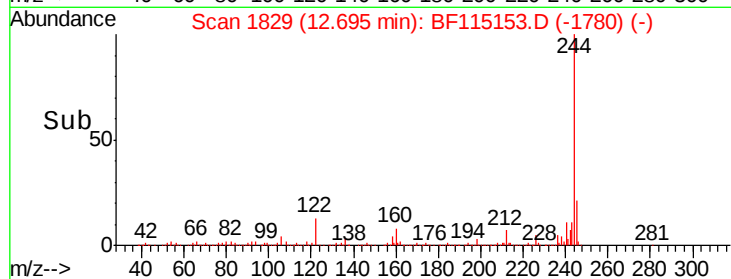
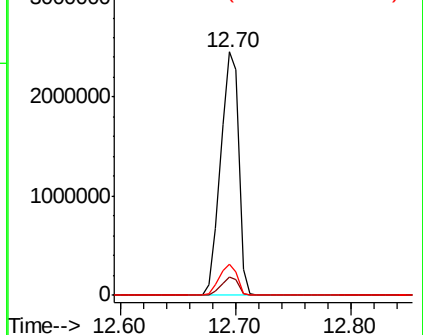
122 12.8 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.625 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

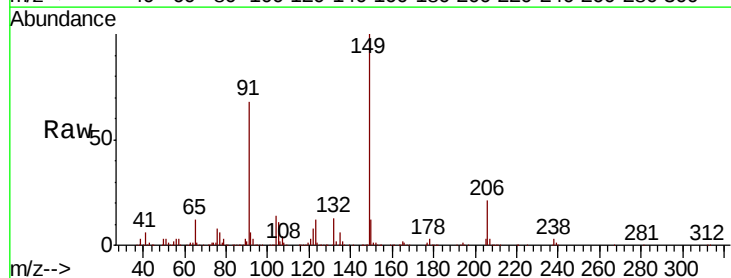
Tgt Ion:149 Resp: 1087900

Ion Ratio Lower Upper

149 100

91 67.9 56.5 84.7

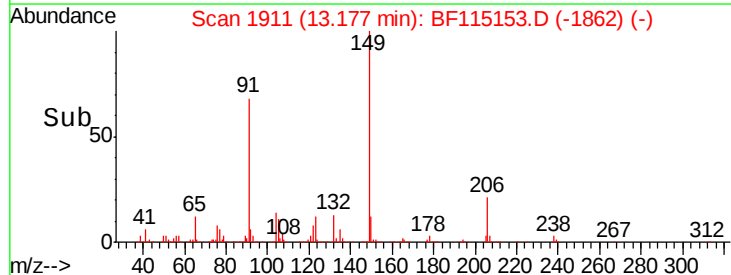
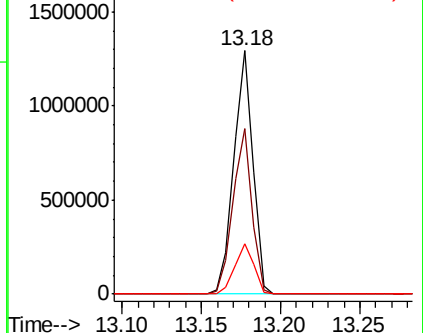
206 20.6 15.3 22.9

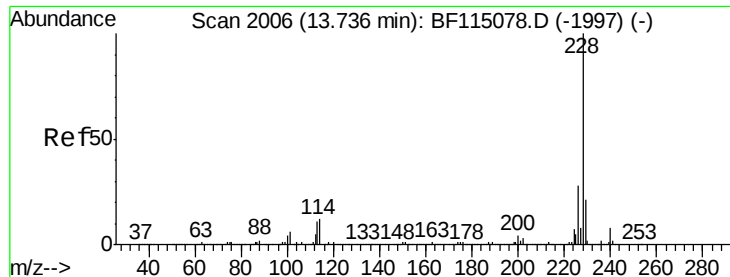


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.148 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

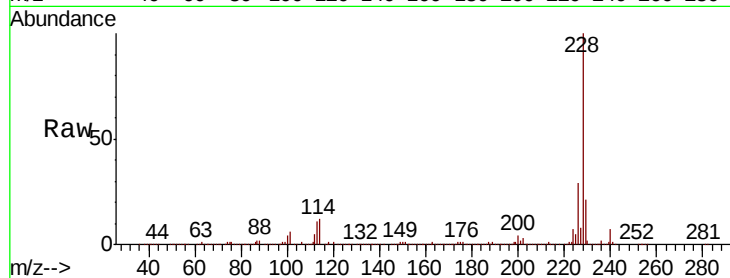
Tot Ion:228 Resp: 2170949

Ion Ratio Lower Upper

228 100

226 28.8 22.5 33.7

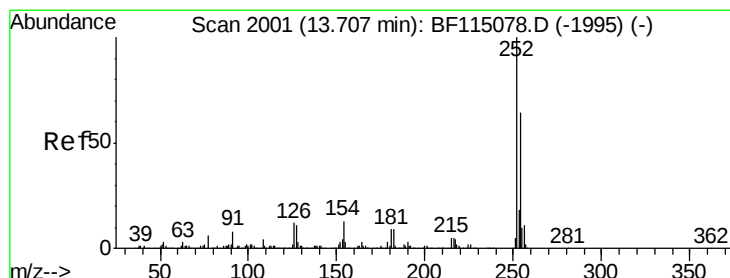
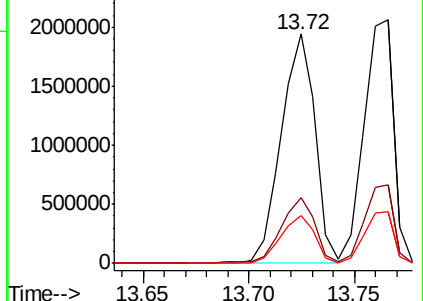
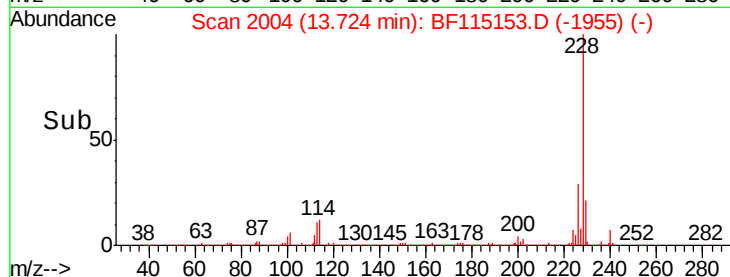
229 21.0 16.6 24.8



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: 45.238 ng

RT: 13.69 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

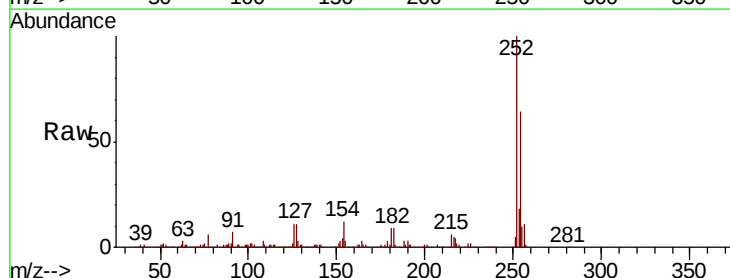
Tgt Ion:252 Resp: 861895

Ion Ratio Lower Upper

252 100

254 64.4 51.1 76.7

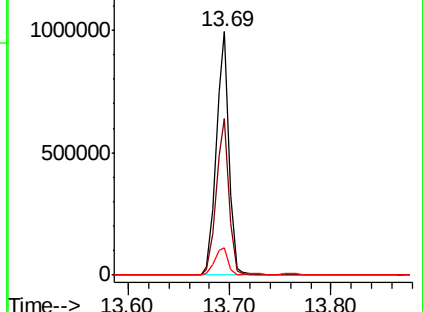
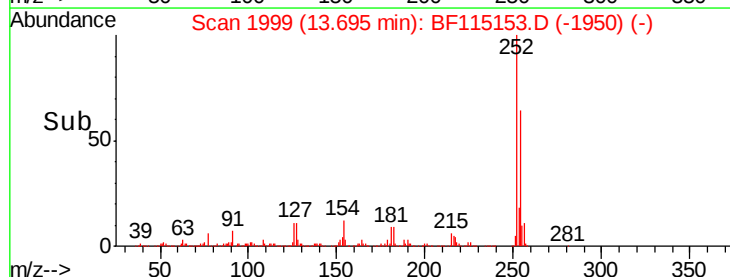
126 11.1 9.4 14.0

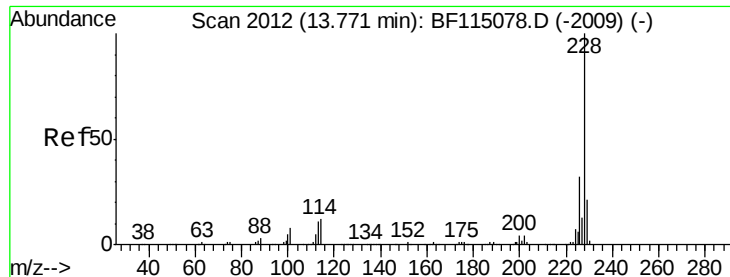


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.702 ng

RT: 13.77 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

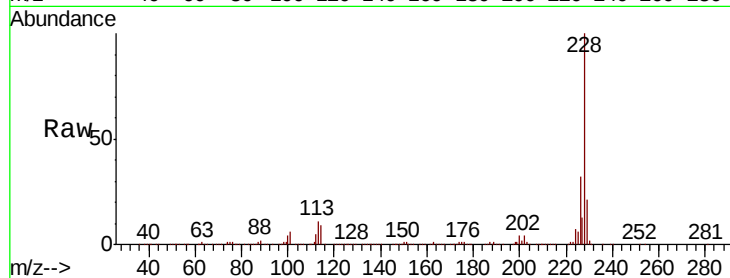
Tot Ion:228 Resp: 2015386

Ion Ratio Lower Upper

228 100

226 32.2 25.4 38.0

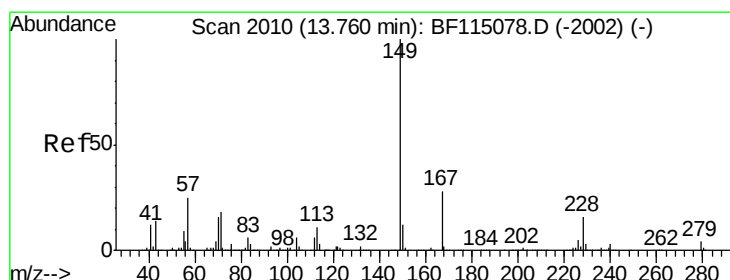
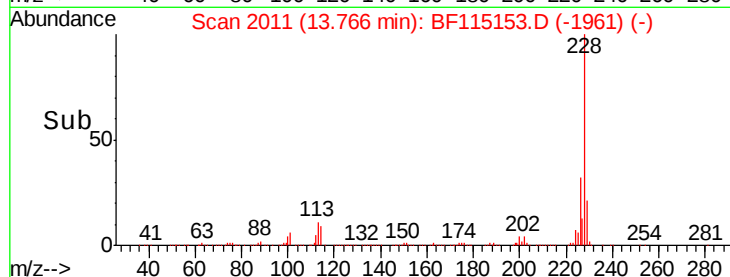
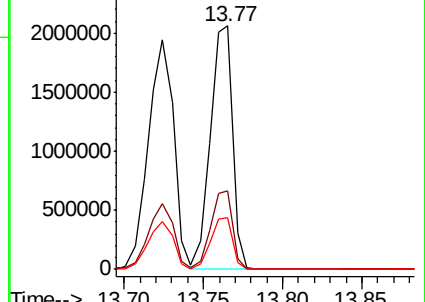
229 21.0 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.958 ng

RT: 13.75 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

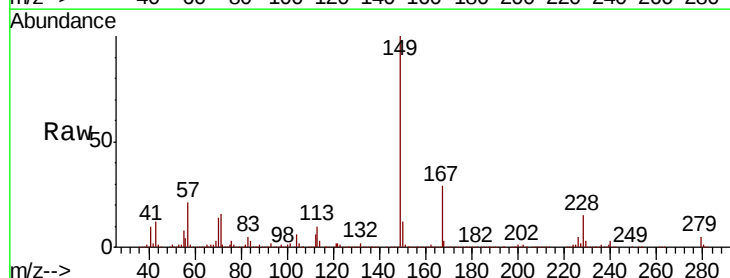
Tgt Ion:149 Resp: 1436367

Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.4

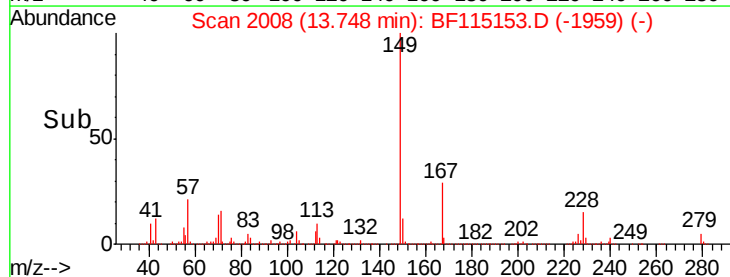
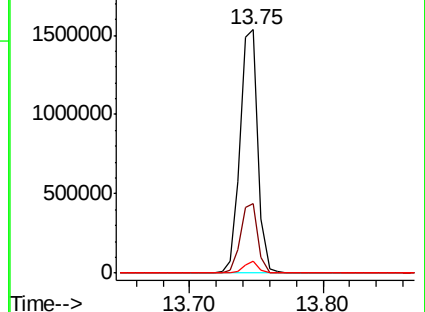
279 4.8 2.9 4.3#

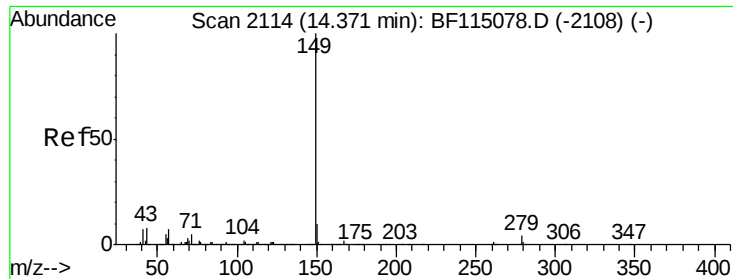


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.596 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

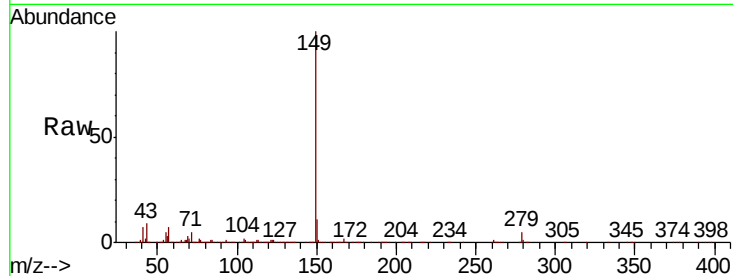
Tot Ion:149 Resp: 2448344

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

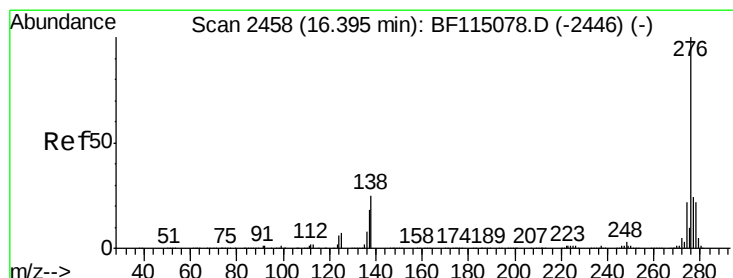
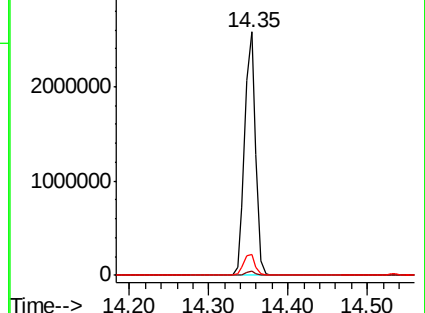
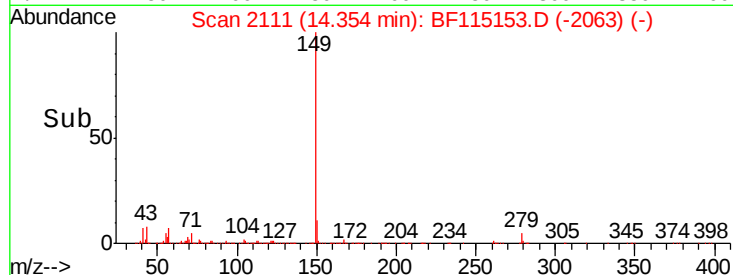
43 9.0 7.0 10.6



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: 43.758 ng

RT: 16.38 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

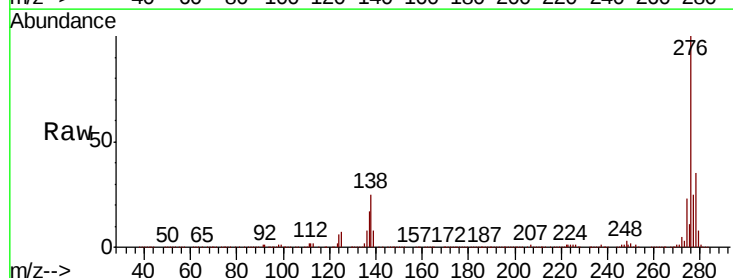
Tgt Ion:276 Resp: 2502401

Ion Ratio Lower Upper

276 100

138 28.0 23.2 34.8

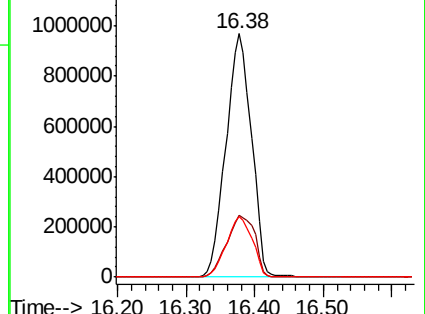
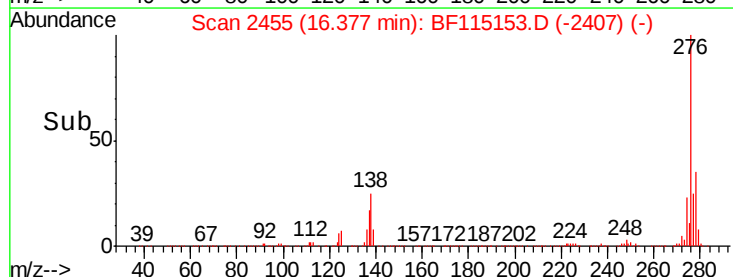
277 25.4 20.1 30.1

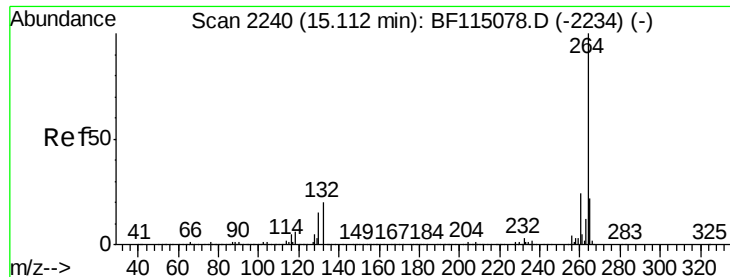


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

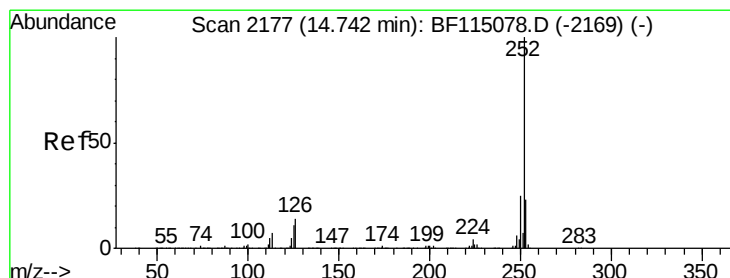
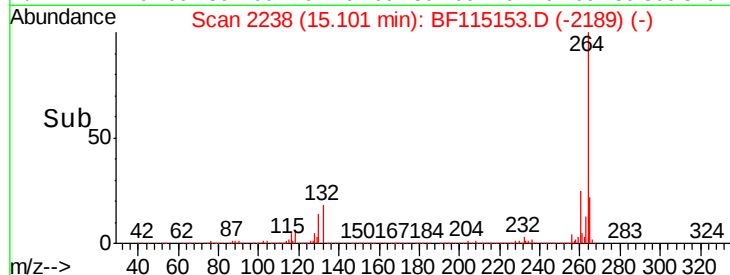
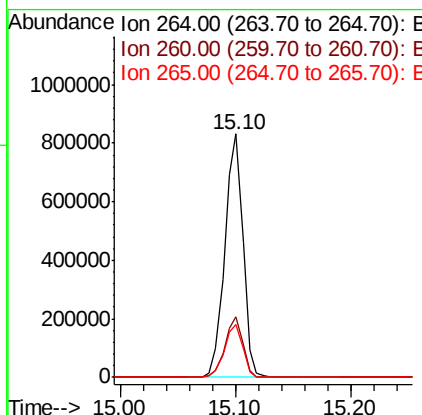
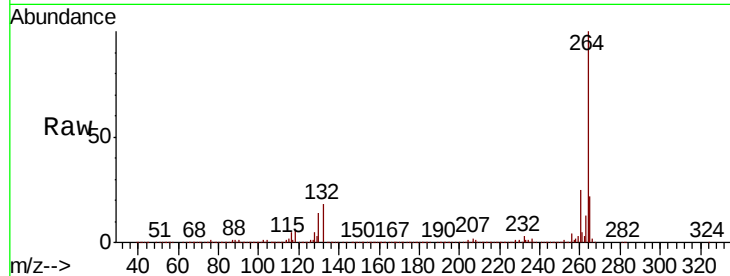




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

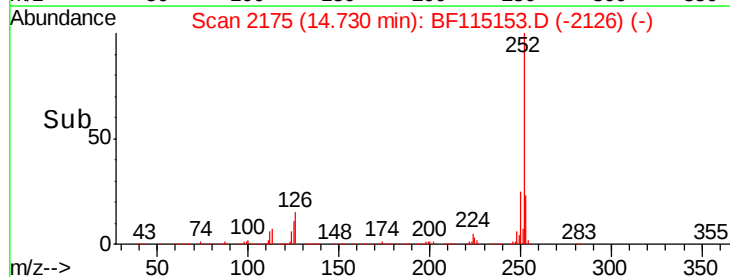
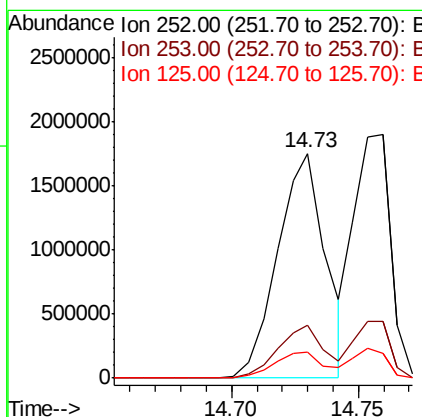
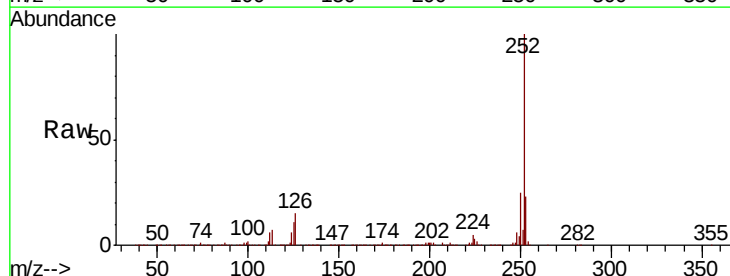
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

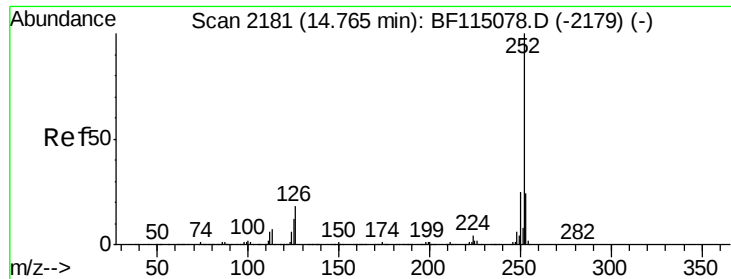
Tot Ion:264 Resp: 904547
Ion Ratio Lower Upper
264 100
260 24.9 19.6 29.4
265 21.9 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 40.893 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion:252 Resp: 2308018
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 11.3 8.7 13.1

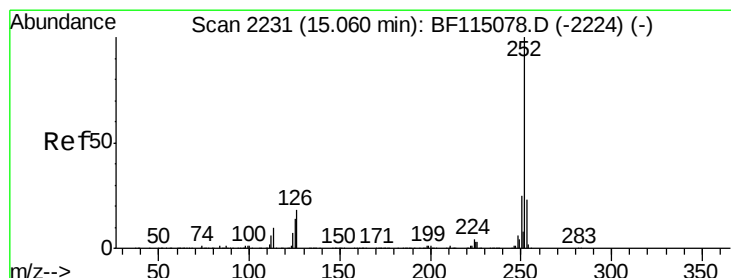
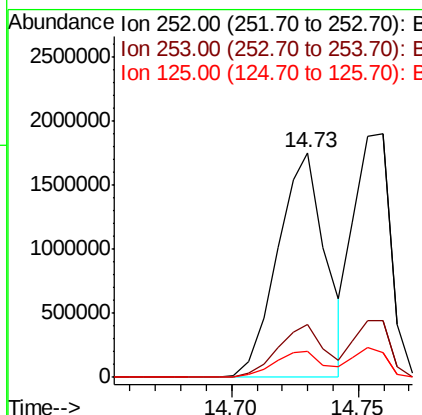
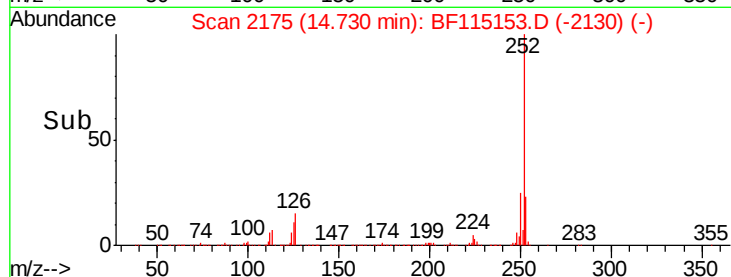
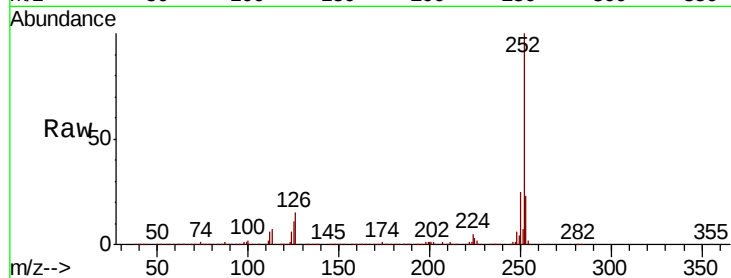




#89
Benzo(k)fluoranthene
Concen: 45.599 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.04 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

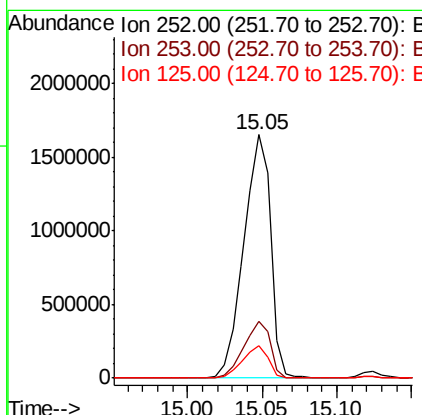
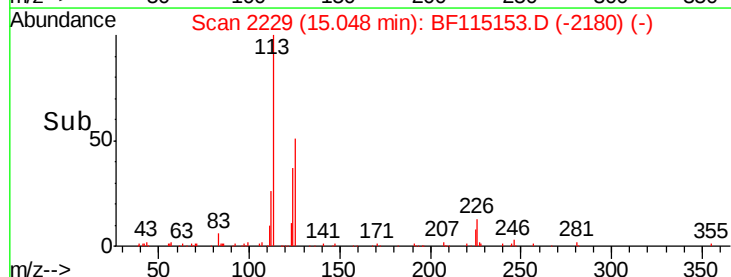
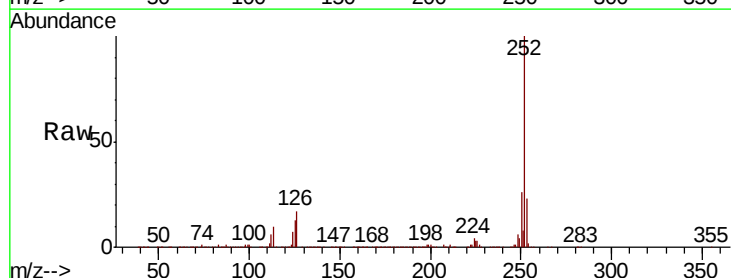
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

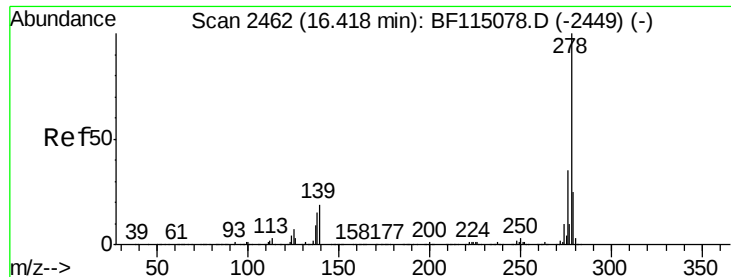
Tot Ion:252 Resp: 2308018
Ion Ratio Lower Upper
252 100
253 23.3 18.9 28.3
125 11.3 10.2 15.2



#90
Benzo(a)pyrene
Concen: 40.478 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion:252 Resp: 2059141
Ion Ratio Lower Upper
252 100
253 23.1 18.3 27.5
125 13.1 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 42.278 ng

RT: 16.40 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

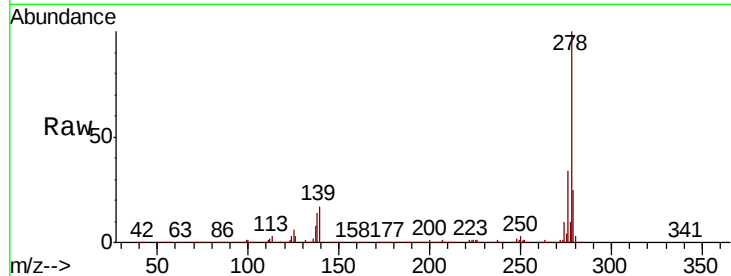
Tot Ion:278 Resp: 2007853

Ion Ratio Lower Upper

278 100

139 17.5 15.4 23.2

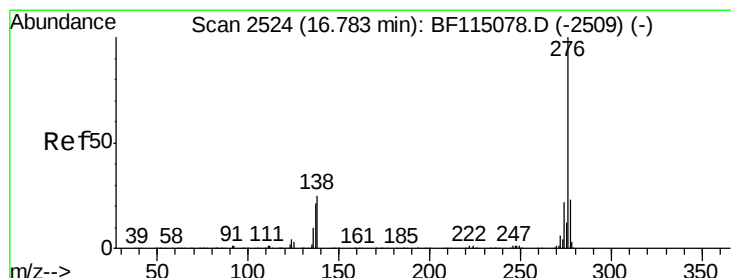
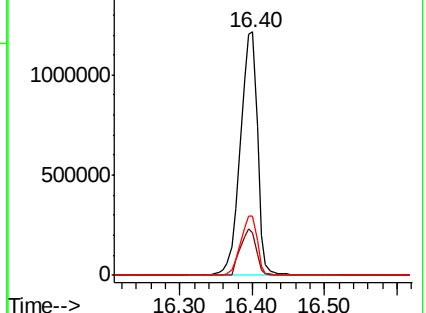
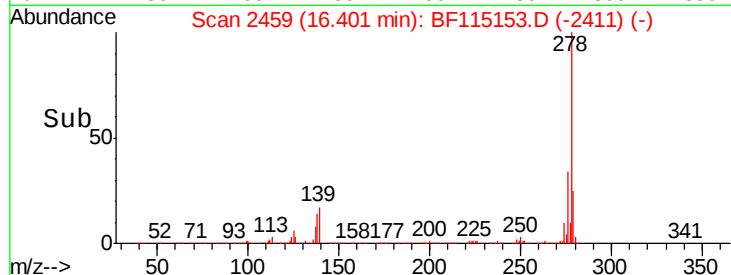
279 24.5 19.9 29.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.728 ng

RT: 16.76 min Scan# 2520

Delta R.T. -0.02 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

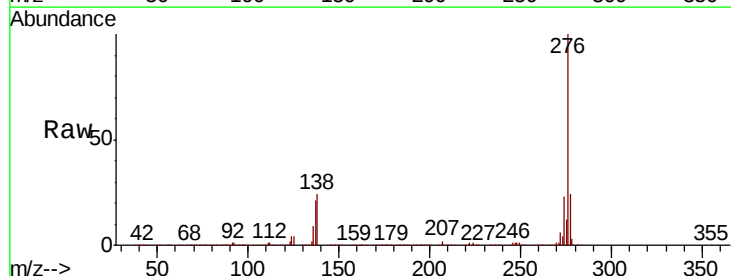
Tgt Ion:276 Resp: 2005735

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 24.4 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

