

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
 Data File : BF115339.D
 Acq On : 1 Jul 2019 15:36
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 02 08:19:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	201644	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	815903	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	399640	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	764440	20.00	ng	0.00
76) Chrysene-d12	13.73	240	532951	20.00	ng	0.01
87) Perylene-d12	15.09	264	670496	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	978155	74.86	ng	0.00
7) Phenol-d6	6.24	99	1180183	74.41	ng	0.00
23) Nitrobenzene-d5	7.17	82	1036925	78.18	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	350790	83.24	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	1891498	80.40	ng	0.00
79) Terphenyl-d14	12.69	244	2098669	83.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	220649	35.780	ng	98
3) Pyridine	2.80	79	598078	34.409	ng	98
4) n-Nitrosodimethylamine	2.74	42	225106	33.036	ng	97
6) Aniline	6.26	93	774921	35.551	ng	# 47
8) 2-Chlorophenol	6.38	128	562834	38.306	ng	98
9) Benzaldehyde	6.14	77	357564	34.557	ng	99
10) Phenol	6.26	94	667264	35.917	ng	77
11) bis(2-Chloroethyl)ether	6.34	93	513623	37.506	ng	100
12) 1,3-Dichlorobenzene	6.54	146	635311	38.961	ng	99
13) 1,4-Dichlorobenzene	6.62	146	640460	39.168	ng	99
14) 1,2-Dichlorobenzene	6.77	146	596718	39.406	ng	98
15) Benzyl Alcohol	6.75	79	431502	37.363	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	735923	37.051	ng	97
17) 2-Methylphenol	6.87	107	460750	37.991	ng	98
18) Hexachloroethane	7.12	117	225779	38.300	ng	95
19) n-Nitroso-di-n-propylamine	7.02	70	354423	34.905	ng	98
20) 3+4-Methylphenols	7.02	107	534141	38.142	ng	# 77
22) Acetophenone	7.01	105	712005	38.119	ng	96
24) Nitrobenzene	7.18	77	564134	38.608	ng	99
25) Isophorone	7.43	82	989490	36.418	ng	100
26) 2-Nitrophenol	7.50	139	315293	43.693	ng	97
27) 2,4-Dimethylphenol	7.55	122	446537	37.795	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	651879	37.959	ng	100
29) 2,4-Dichlorophenol	7.75	162	477781	39.186	ng	100
30) 1,2,4-Trichlorobenzene	7.83	180	541794	40.229	ng	99
31) Naphthalene	7.91	128	1576544	39.364	ng	100
32) Benzoic acid	7.67	122	258342	30.633	ng	97
33) 4-Chloroaniline	7.95	127	689063	37.645	ng	98
34) Hexachlorobutadiene	8.03	225	300400	40.702	ng	98
35) Caprolactam	8.33	113	149007	36.349	ng	99
36) 4-Chloro-3-methylphenol	8.44	107	469115	37.991	ng	100
37) 2-Methylnaphthalene	8.60	142	1059737	39.243	ng	98
38) 1-Methylnaphthalene	8.70	142	1000578	38.796	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	468478	41.483	ng	99

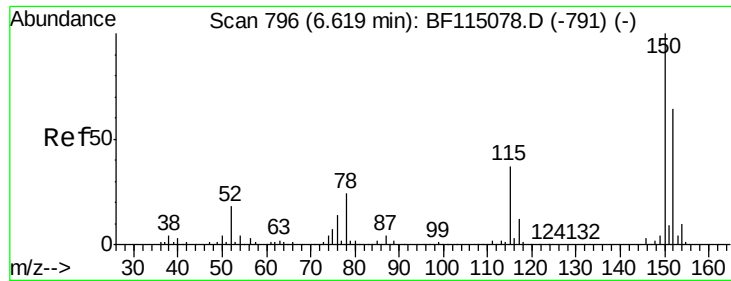
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
 Data File : BF115339.D
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 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	228175	34.074	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	339084	38.892	ng	98
44) 2,4,5-Trichlorophenol	8.91	196	367654	40.948	ng	99
46) 1,1'-Biphenyl	9.06	154	1244575	38.921	ng	99
47) 2-Chloronaphthalene	9.08	162	1033150	39.831	ng	99
48) 2-Nitroaniline	9.18	65	304896	40.319	ng	89
49) Acenaphthylene	9.50	152	1581486	39.134	ng	99
50) Dimethylphthalate	9.37	163	1162238	39.529	ng	100
51) 2,6-Dinitrotoluene	9.42	165	265749	39.149	ng	100
52) Acenaphthene	9.67	154	916768	36.253	ng	99
53) 3-Nitroaniline	9.58	138	304905	36.808	ng	100
54) 2,4-Dinitrophenol	9.69	184	137698	43.147	ng	92
55) Dibenzofuran	9.84	168	1366153	37.640	ng	99
56) 4-Nitrophenol	9.75	139	243321	36.639	ng	94
57) 2,4-Dinitrotoluene	9.82	165	355974	40.614	ng	92
58) Fluorene	10.18	166	986539	40.109	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.95	232	302620	40.195	ng	97
60) Diethylphthalate	10.06	149	1115158	37.731	ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	484928	41.734	ng	98
62) 4-Nitroaniline	10.20	138	322168	38.768	ng	98
63) Azobenzene	10.33	77	1037652	37.588	ng	97
65) 4,6-Dinitro-2-methylphenol	10.23	198	173823	43.279	ng	97
66) n-Nitrosodiphenylamine	10.29	169	930976	39.090	ng	100
67) 4-Bromophenyl-phenylether	10.66	248	336412	40.590	ng	93
68) Hexachlorobenzene	10.72	284	369202	41.040	ng	97
69) Atrazine	10.82	200	307581	40.148	ng	98
70) Pentachlorophenol	10.91	266	228845	39.929	ng	98
71) Phenanthrene	11.13	178	1557841	37.850	ng	99
72) Anthracene	11.18	178	1593055	38.344	ng	99
73) Carbazole	11.34	167	1473787	39.725	ng	99
74) Di-n-butylphthalate	11.68	149	1727616	40.298	ng	99
75) Fluoranthene	12.31	202	1620751	39.467	ng	99
77) Benzidine	12.43	184	862196	36.433	ng	99
78) Pyrene	12.54	202	1643858	40.136	ng	100
80) Butylbenzylphthalate	13.17	149	754735	41.756	ng	95
81) Benzo(a)anthracene	13.72	228	1546347	40.437	ng	99
82) 3,3'-Dichlorobenzidine	13.68	252	593163	42.953	ng	99
83) Chrysene	13.75	228	1477349	42.174	ng	100
84) Bis(2-ethylhexyl)phthalate	13.73	149	983582	41.529	ng	100
85) Di-n-octyl phthalate	14.34	149	1725186	43.354	ng	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	1817582	43.850	ng	99
88) Benzo(b)fluoranthene	14.72	252	1676255	40.066	ng	99
89) Benzo(k)fluoranthene	14.75	252	1343064	35.797	ng	98
90) Benzo(a)pyrene	15.04	252	1464987	38.851	ng	99
91) Dibenzo(a,h)anthracene	16.39	278	1458210	41.423	ng	99
92) Benzo(g,h,i)perylene	16.76	276	1504383	42.223	ng	98

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

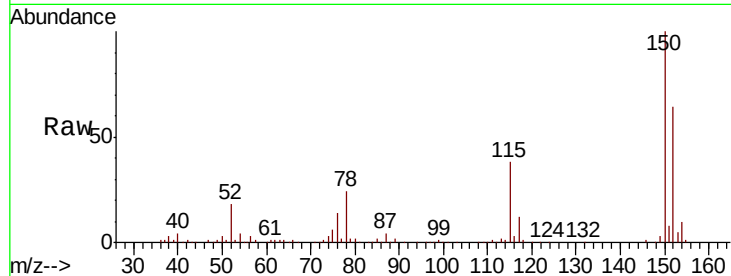


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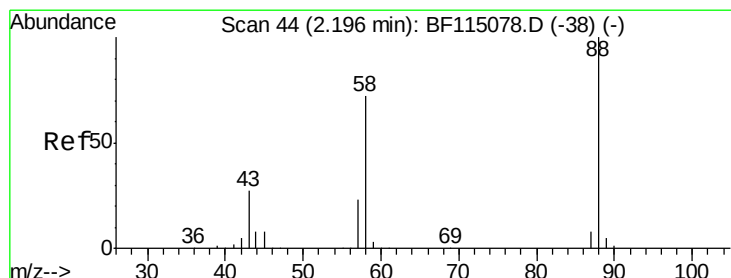
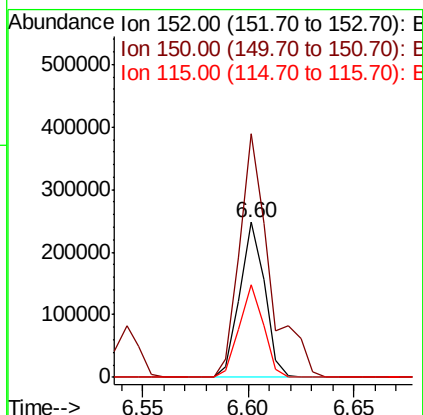
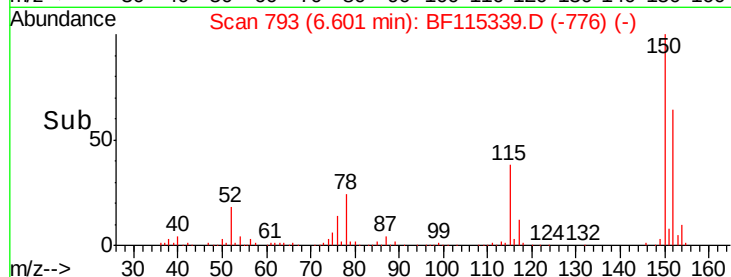
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 201644
Ion Ratio Lower Upper
152 100
150 157.4 124.2 186.2
115 60.0 46.1 69.1



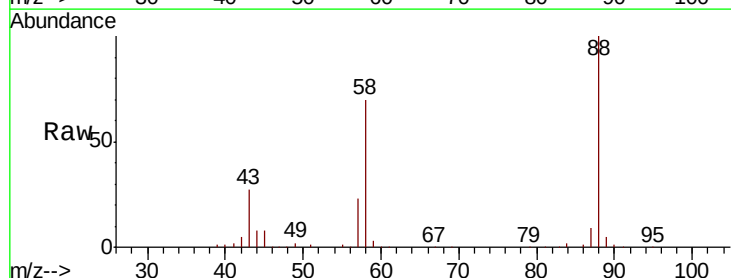
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



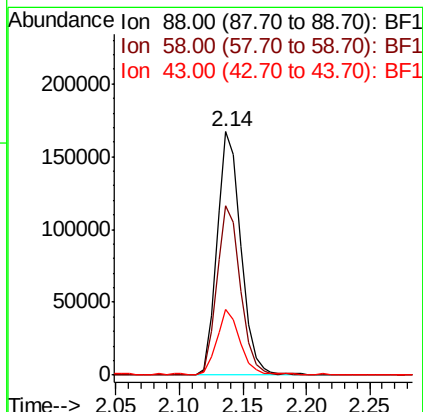
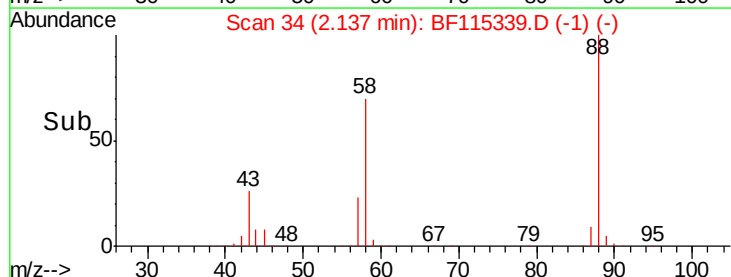
#2

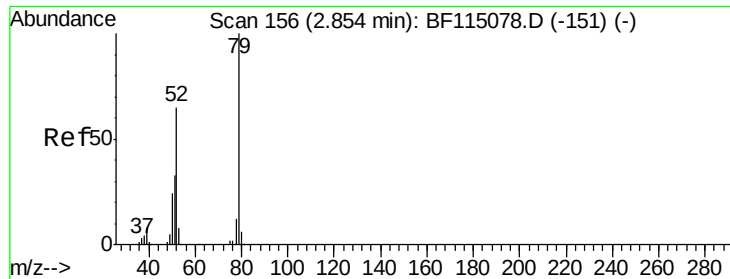
1,4-Dioxane
Concen: 35.780 ng
RT: 2.14 min Scan# 34
Delta R.T. -0.02 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Tgt Ion: 88 Resp: 220649
Ion Ratio Lower Upper
88 100
58 68.5 56.1 84.1
43 25.8 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: 34.409 ng

RT: 2.80 min Scan# 146

Delta R.T. -0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

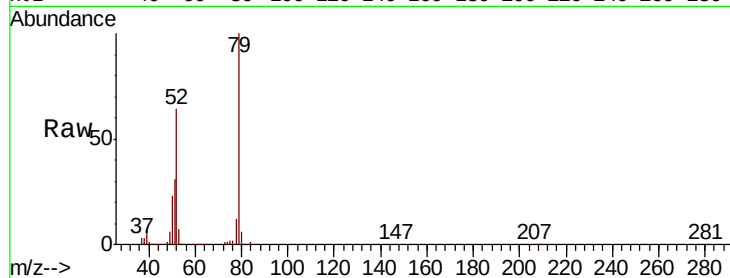
Tot Ion: 79 Resp: 598078

Ion Ratio Lower Upper

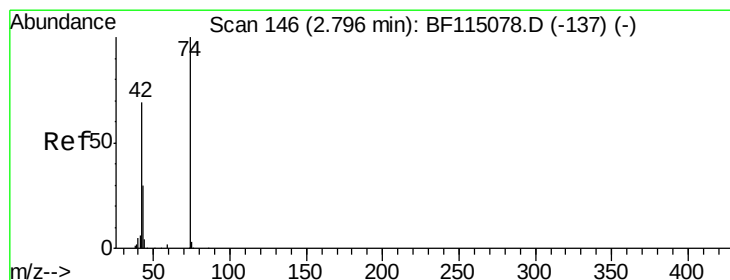
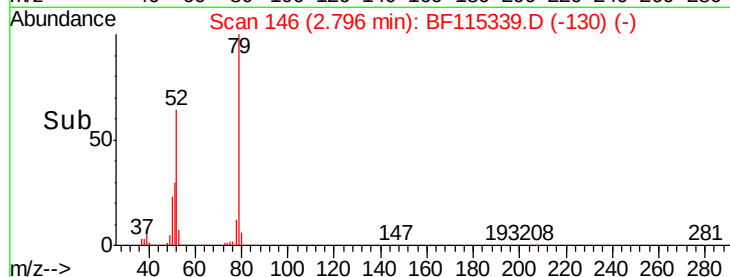
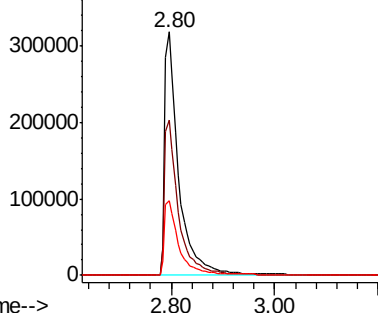
79 100

52 64.0 52.3 78.5

51 30.8 26.1 39.1



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



#4

n-Nitrosodimethylamine

Concen: 33.036 ng

RT: 2.74 min Scan# 136

Delta R.T. -0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

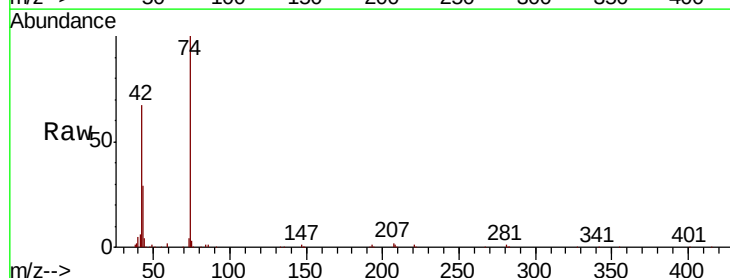
Tgt Ion: 42 Resp: 225106

Ion Ratio Lower Upper

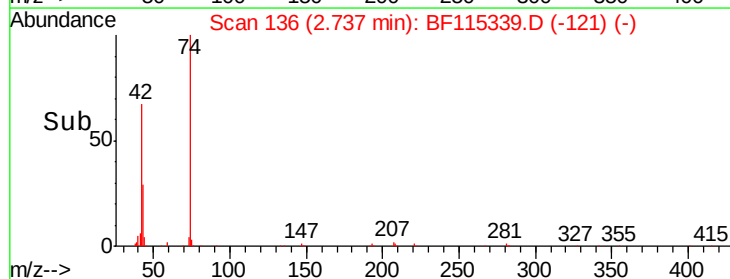
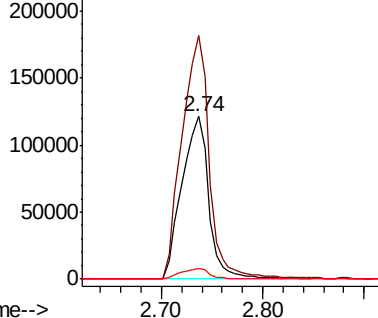
42 100

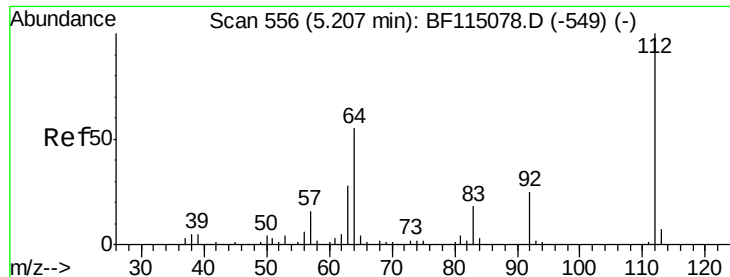
74 149.5 116.6 175.0

44 6.7 5.3 7.9



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





#5

2-Fluorophenol

Concen: 74.858 ng

RT: 5.19 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

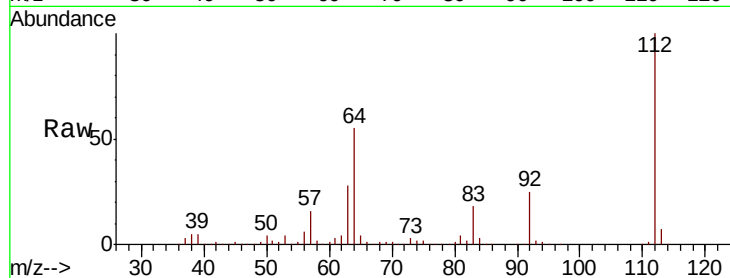
Tot Ion: 112 Resp: 978155

Ion Ratio Lower Upper

112 100

64 55.0 43.8 65.6

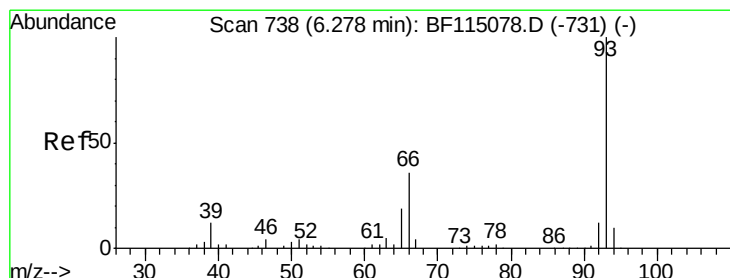
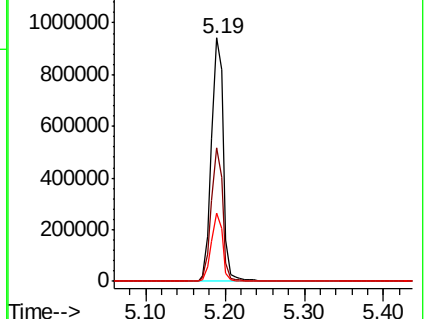
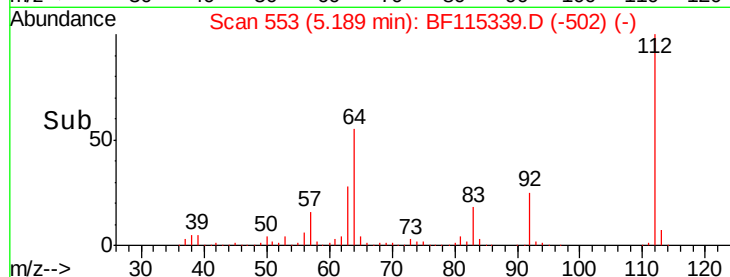
63 28.0 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.551 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

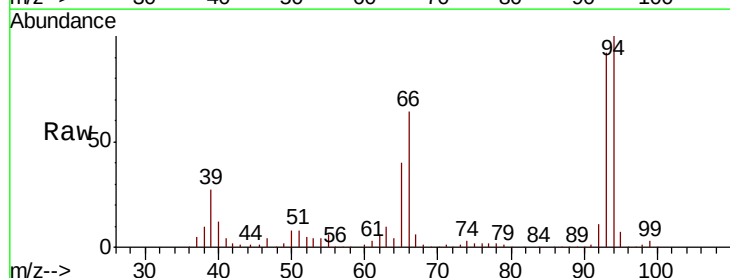
Tgt Ion: 93 Resp: 774921

Ion Ratio Lower Upper

93 100

66 68.9 30.0 45.0#

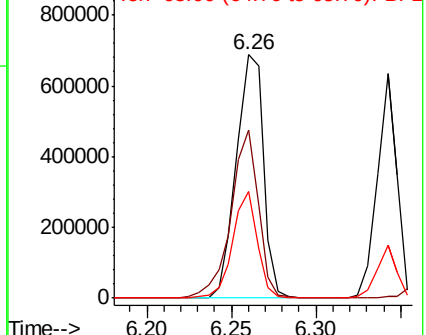
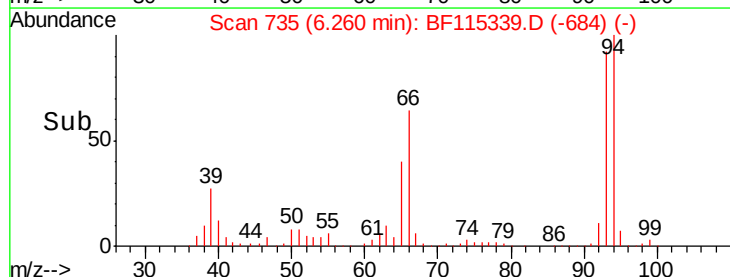
65 43.8 15.6 23.4#

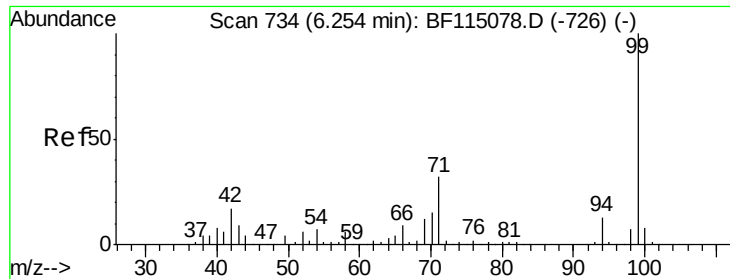


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.413 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

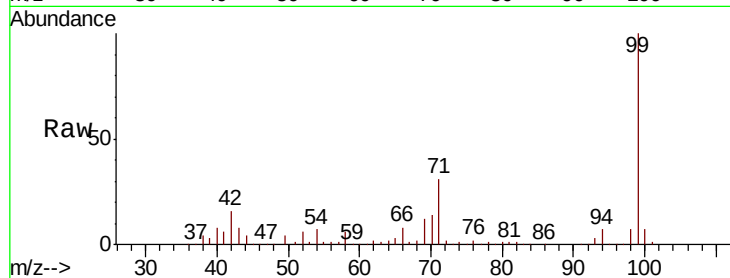
Tot Ion: 99 Resp: 1180183

Ion Ratio Lower Upper

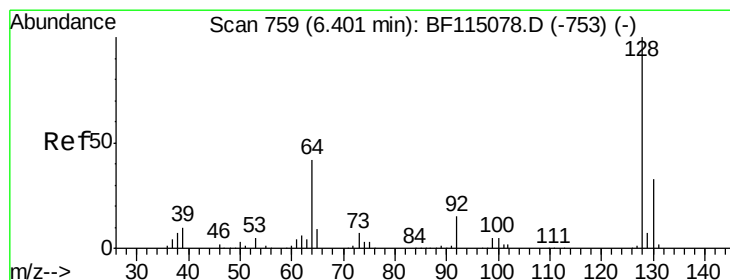
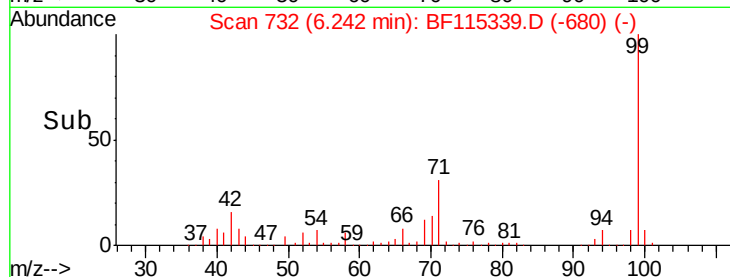
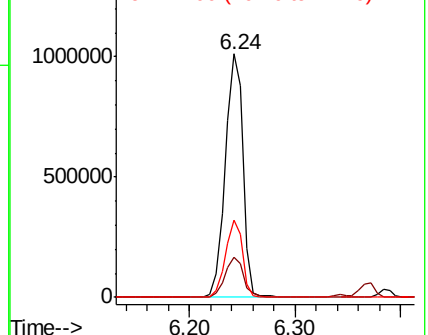
99 100

42 16.5 13.6 20.4

71 31.5 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: 38.306 ng

RT: 6.38 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

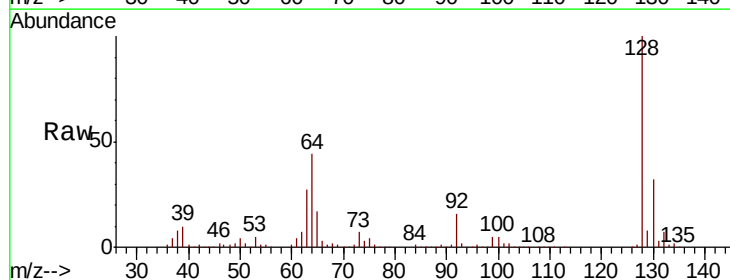
Tgt Ion:128 Resp: 562834

Ion Ratio Lower Upper

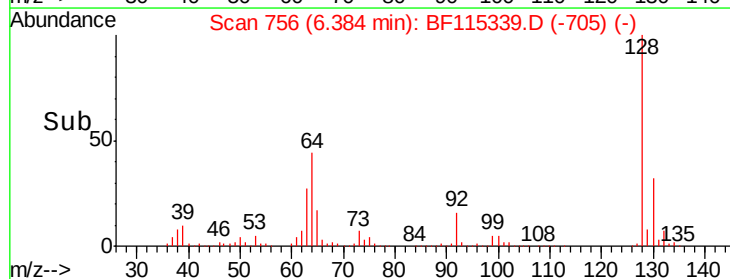
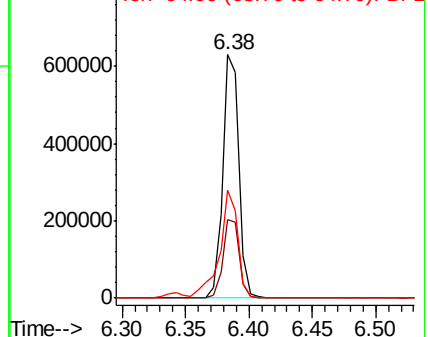
128 100

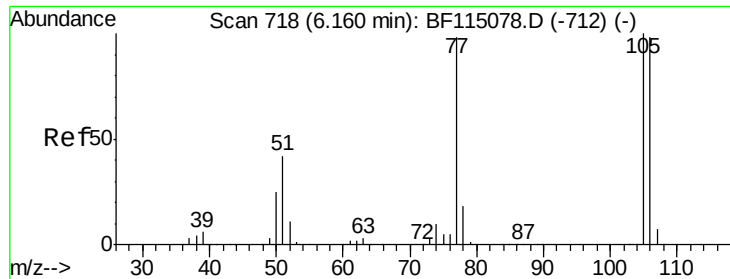
130 32.3 12.9 52.9

64 44.3 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: 34.557 ng

RT: 6.14 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

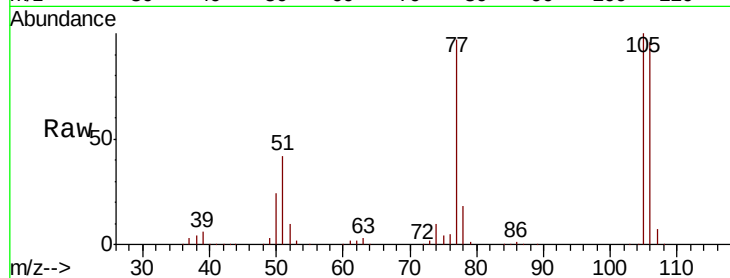
Tot Ion: 77 Resp: 357564

Ion Ratio Lower Upper

77 100

105 103.1 81.5 121.5

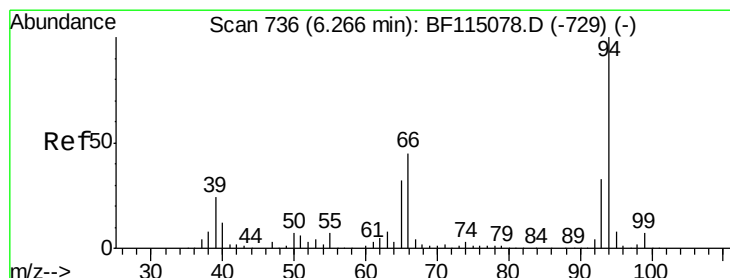
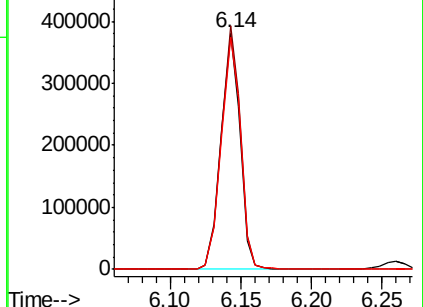
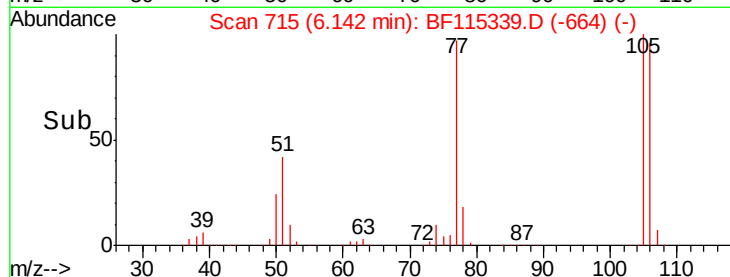
106 98.6 79.7 119.7



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: 35.917 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

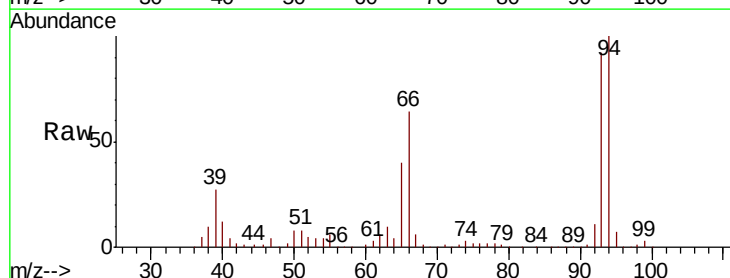
Tgt Ion: 94 Resp: 667264

Ion Ratio Lower Upper

94 100

65 40.4 11.9 51.9

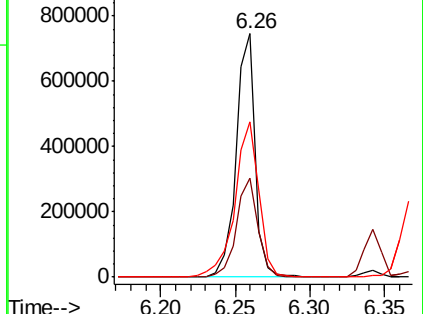
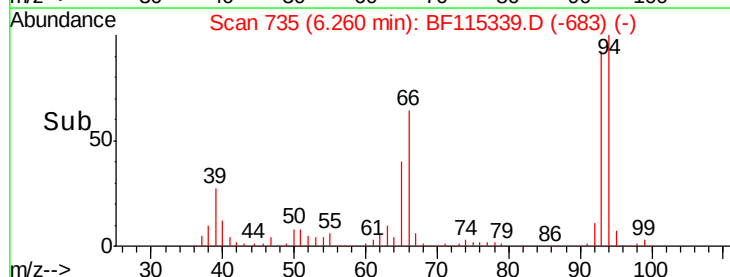
66 63.6 25.2 65.2

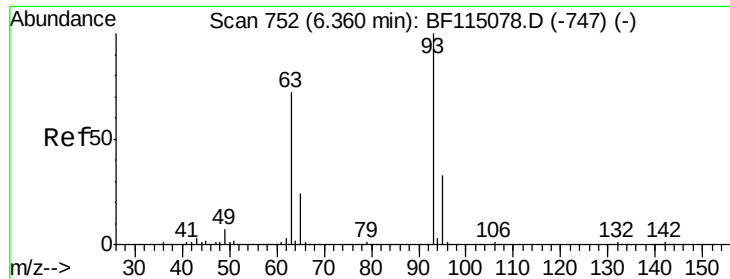


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

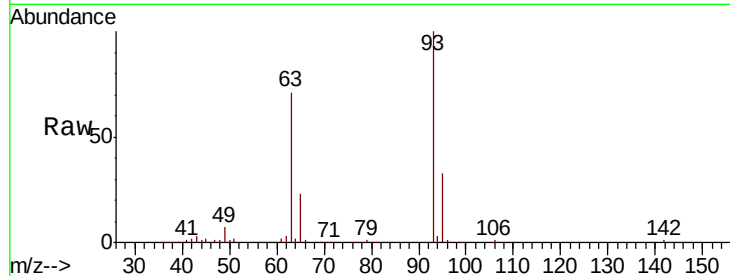




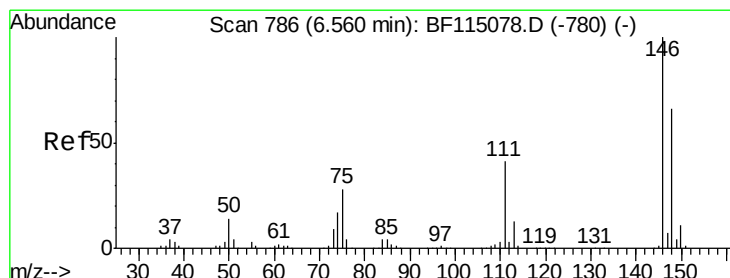
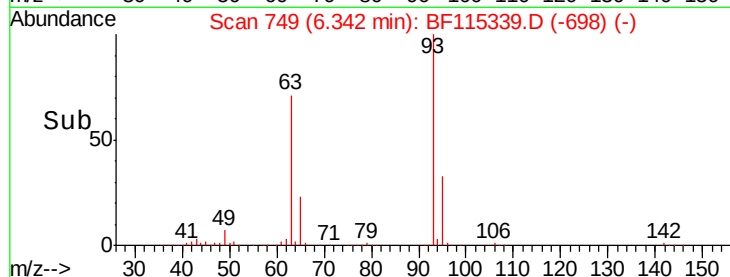
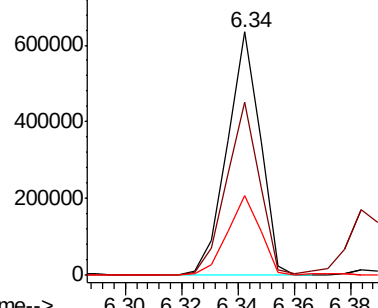
#11
bis(2-Chloroethyl)ether
Concen: 37.506 ng
RT: 6.34 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 93 Resp: 513623
Ion Ratio Lower Upper
93 100
63 71.4 51.5 91.5
95 32.7 13.4 53.4

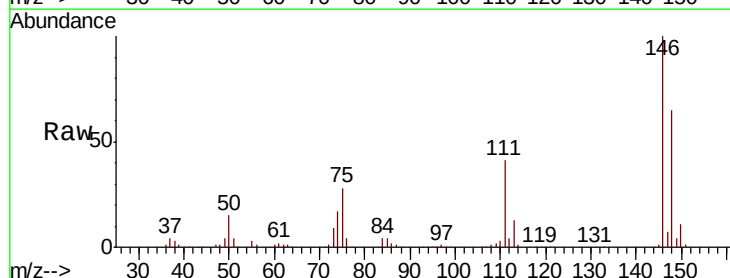


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

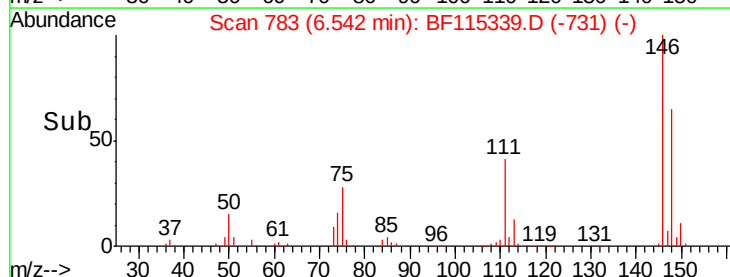
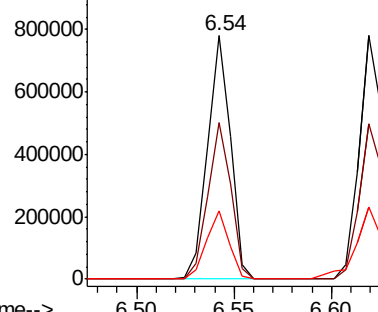


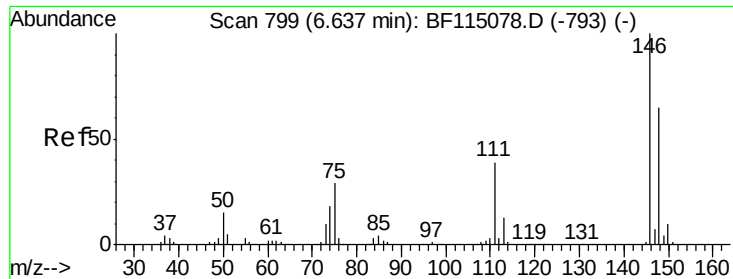
#12
1,3-Dichlorobenzene
Concen: 38.961 ng
RT: 6.54 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Tgt Ion: 146 Resp: 635311
Ion Ratio Lower Upper
146 100
148 64.5 52.6 78.8
75 28.0 22.6 34.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

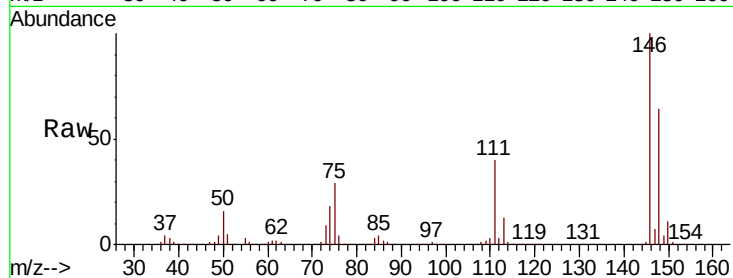




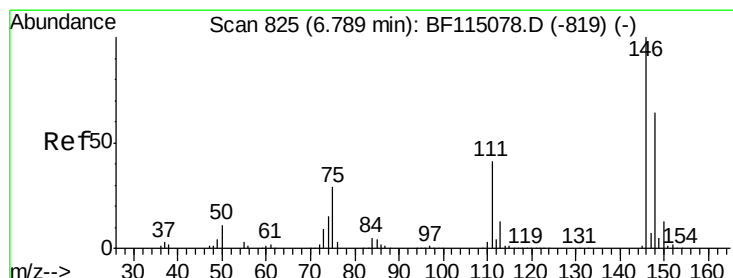
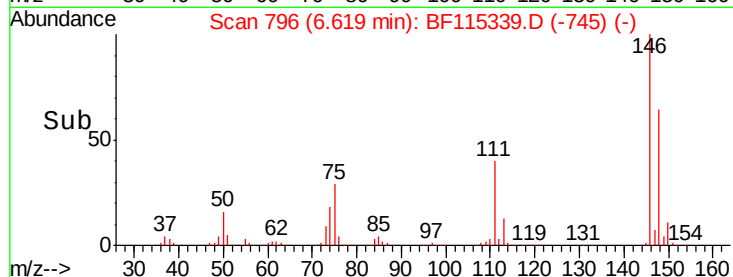
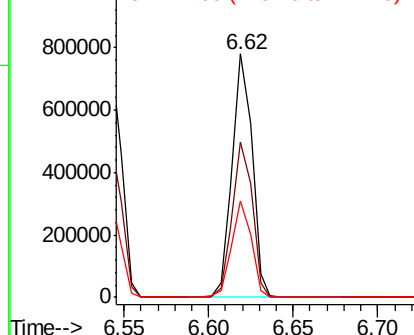
#13
 1,4-Dichlorobenzene
 Concen: 39.168 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115339.D
 Acq: 1 Jul 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:146 Resp: 640460
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.9 77.9
 111 39.7 31.4 47.0

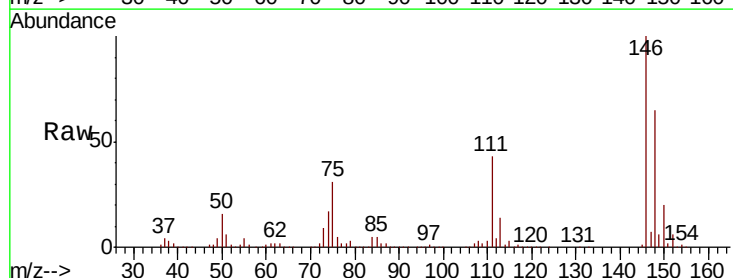


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

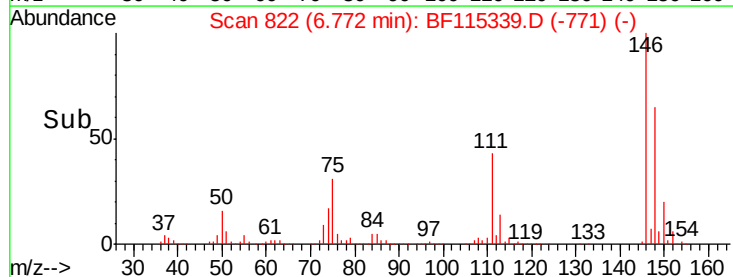
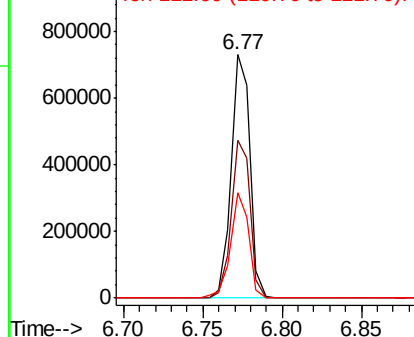


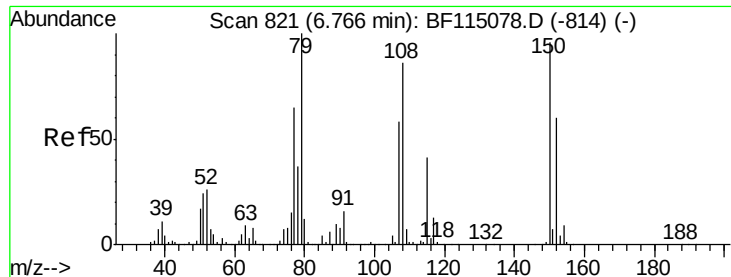
#14
 1,2-Dichlorobenzene
 Concen: 39.406 ng
 RT: 6.77 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF115339.D
 Acq: 1 Jul 2019 15:36

Tgt Ion:146 Resp: 596718
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.1 76.7
 111 43.1 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: 37.363 ng

RT: 6.75 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

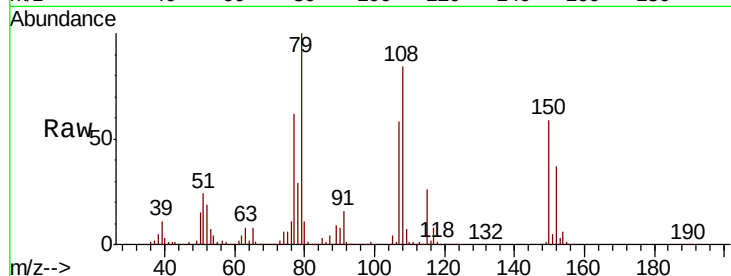
Tot Ion: 79 Resp: 431502

Ion Ratio Lower Upper

79 100

108 83.5 68.7 103.1

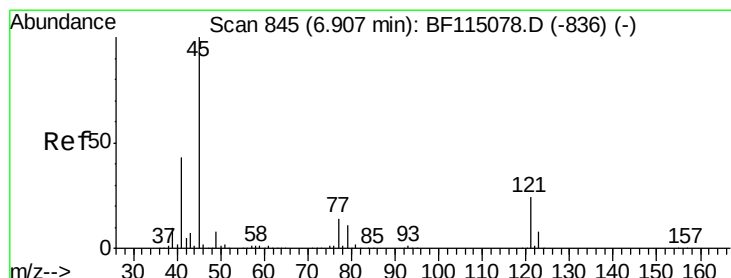
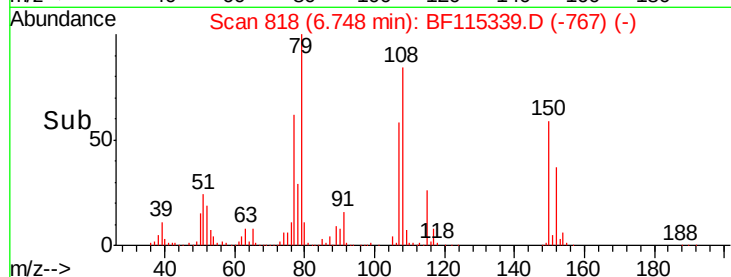
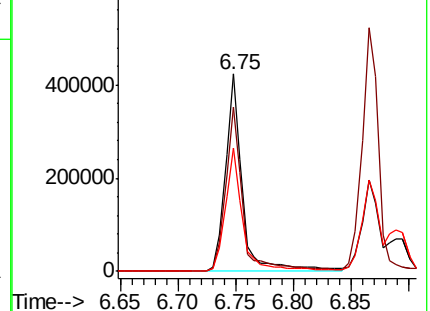
77 62.3 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.051 ng

RT: 6.89 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

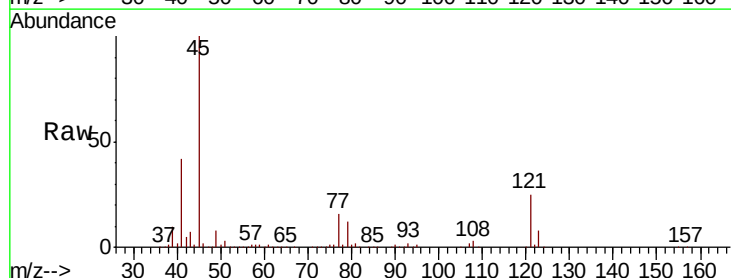
Tgt Ion: 45 Resp: 735923

Ion Ratio Lower Upper

45 100

77 15.9 0.0 34.6

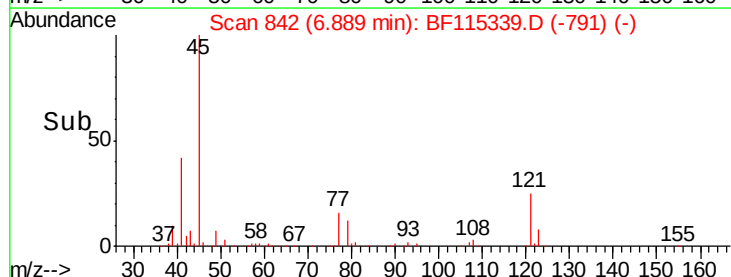
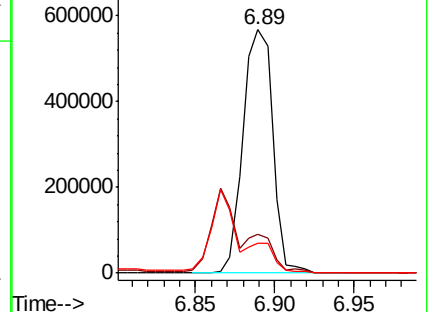
79 12.2 0.0 31.2

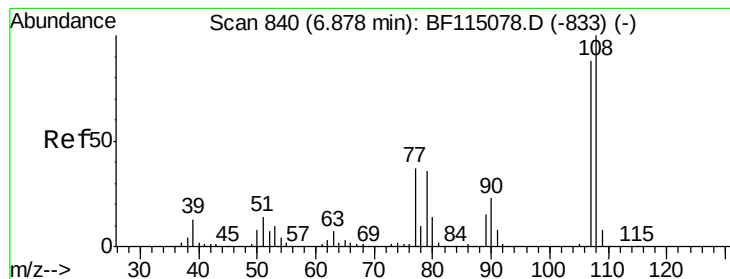


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 37.991 ng

RT: 6.87 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 460750

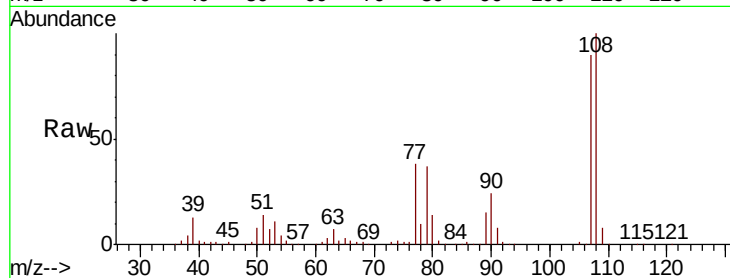
Ion Ratio Lower Upper

107 100

108 111.4 90.9 136.3

77 41.9 33.4 50.2

79 41.5 32.3 48.5

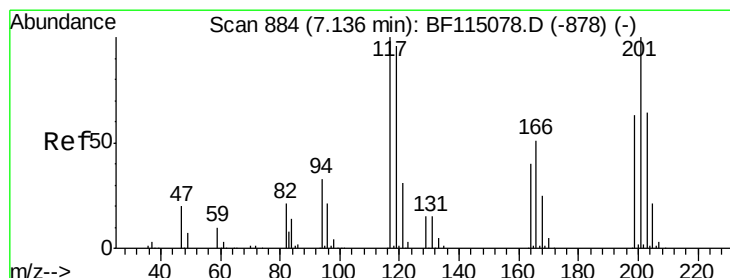
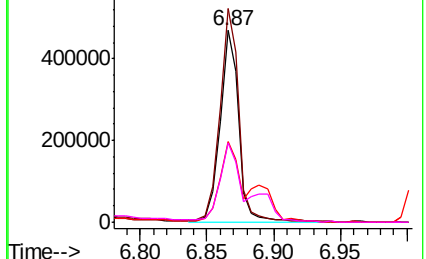
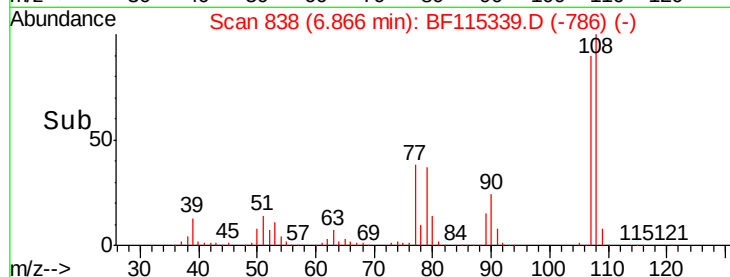


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.300 ng

RT: 7.12 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

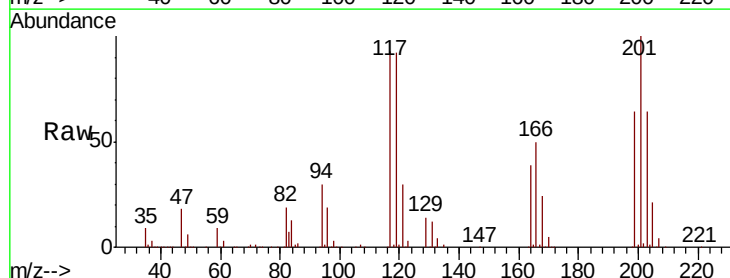
Tgt Ion:117 Resp: 225779

Ion Ratio Lower Upper

117 100

119 98.2 76.6 114.8

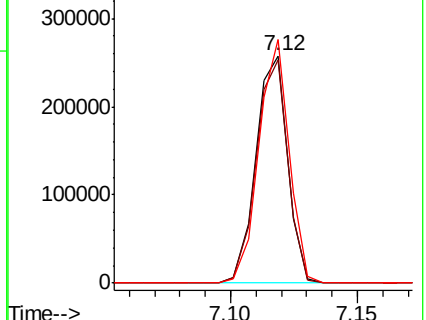
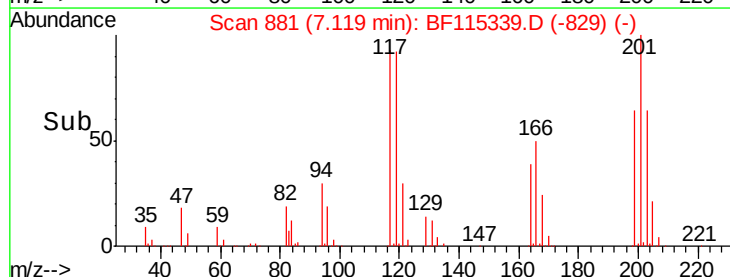
201 107.1 80.2 120.2

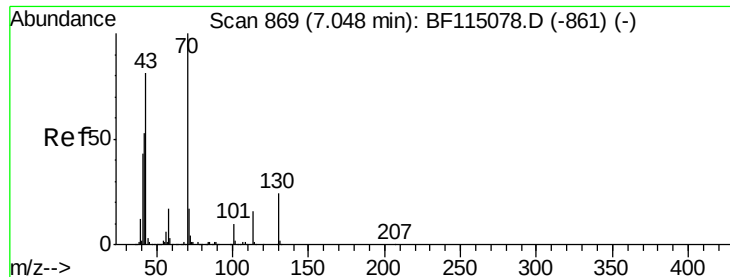


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

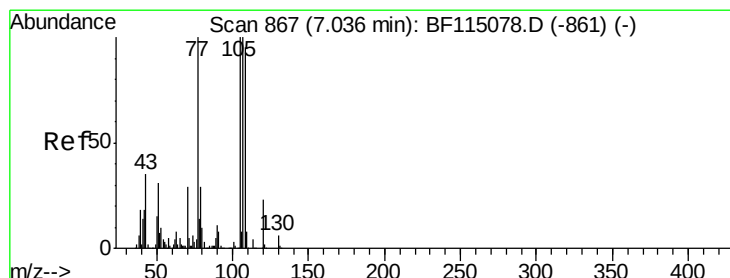
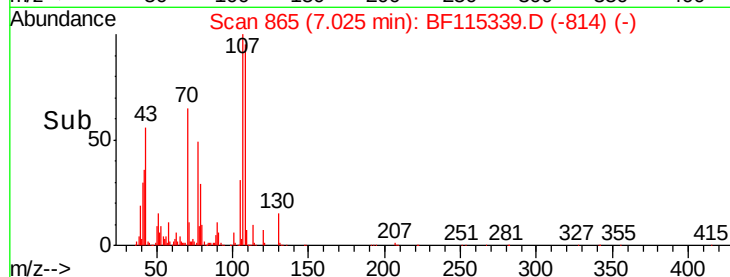
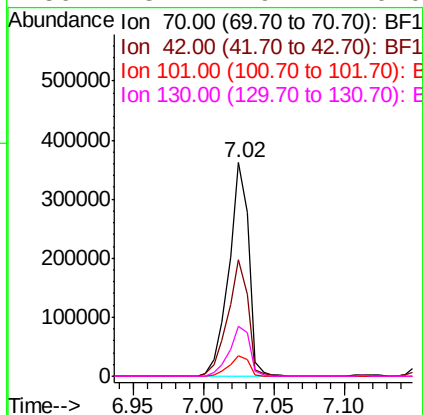
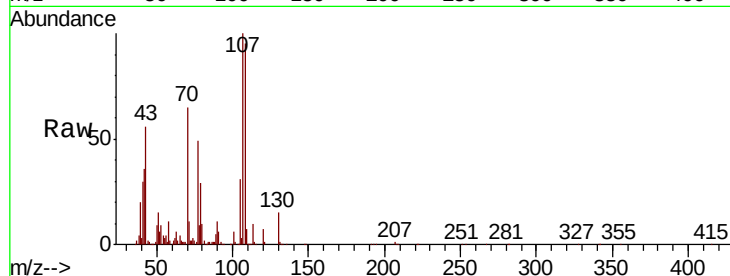




#19
n-Nitroso-di-n-propylamine
Concen: 34.905 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

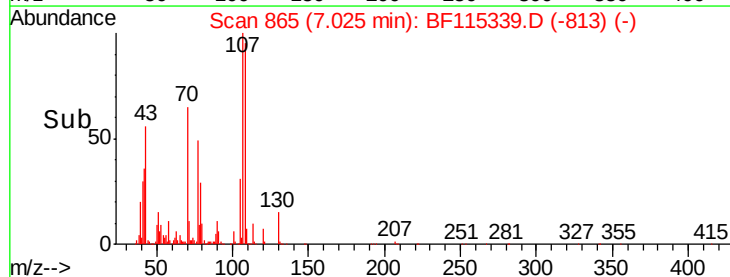
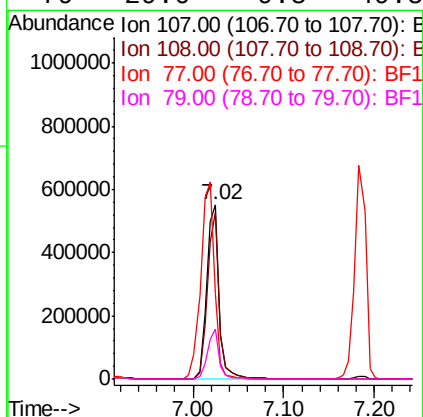
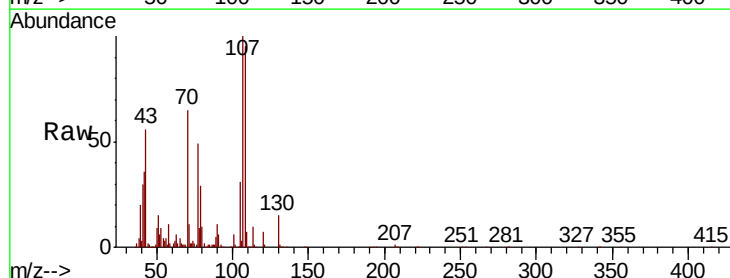
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

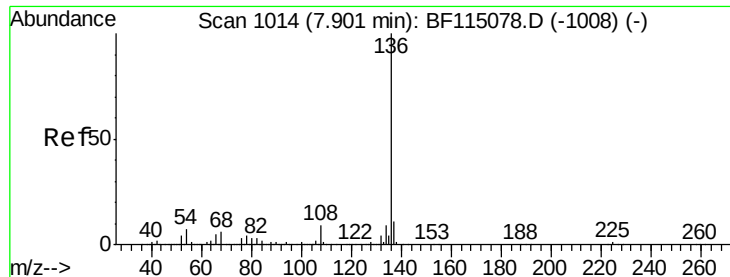
Tot Ion: 70 Resp: 354423
Ion Ratio Lower Upper
70 100
42 54.4 42.6 63.8
101 9.9 8.0 12.0
130 23.2 19.4 29.0



#20
3+4-Methylphenols
Concen: 38.142 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Tgt Ion: 107 Resp: 534141
Ion Ratio Lower Upper
107 100
108 95.3 75.5 115.5
77 49.3 80.2 120.2#
79 29.0 9.5 49.5

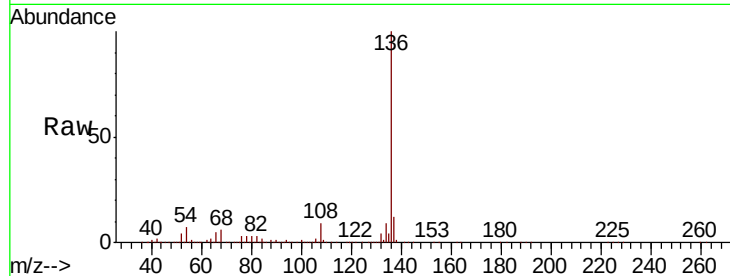




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:136	Resp:	815903	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	8.9	13.3	
54 7.2	5.6	8.4	
68 6.3	4.8	7.2	



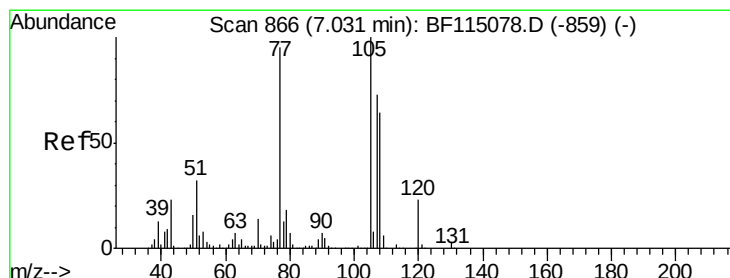
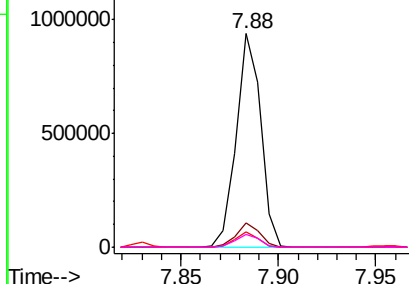
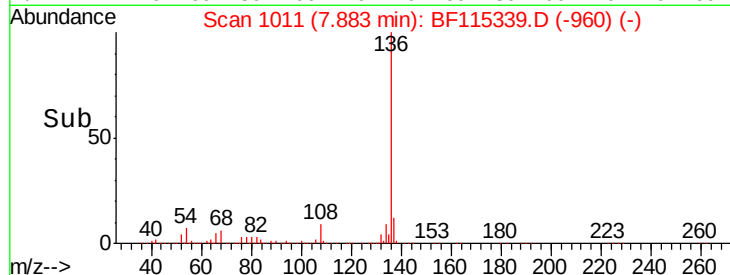
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

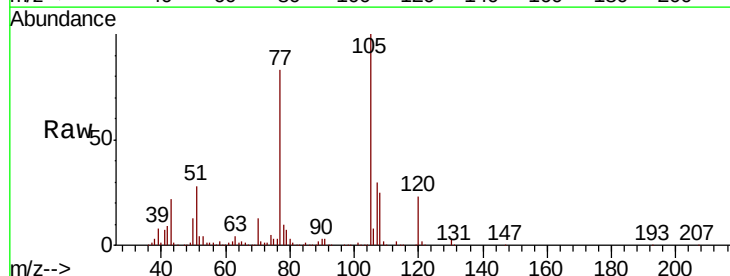
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.119 ng
RT: 7.01 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Tgt	Ion:105	Resp:	712005
Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.9	2.9
51	28.3	25.8	38.8
120	23.1	18.5	27.7



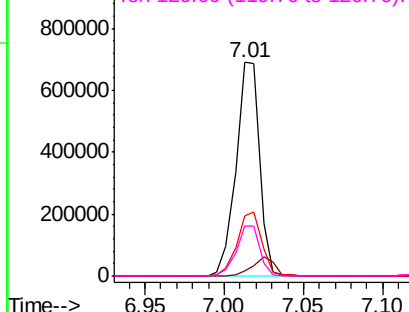
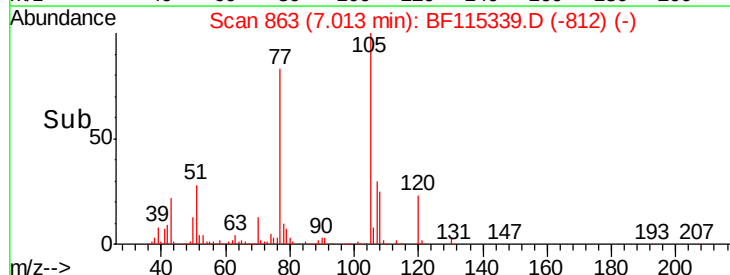
Abundance

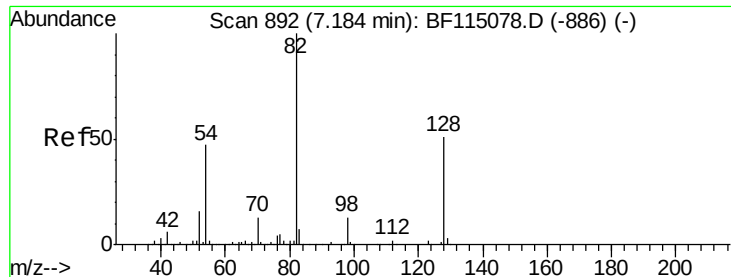
Ion 105.00 (104.70 to 105.70): E

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





#23

Nitrobenzene-d5

Concen: 78.179 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

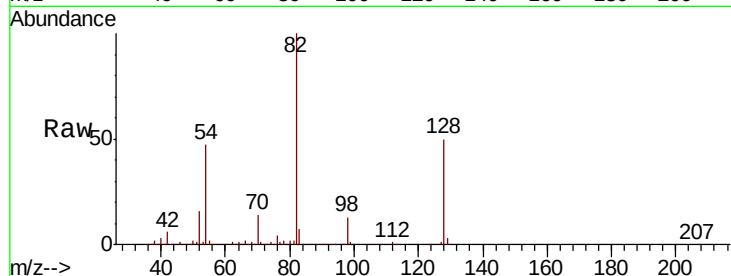
Tot Ion: 82 Resp: 1036925

Ion Ratio Lower Upper

82 100

128 49.5 40.4 60.6

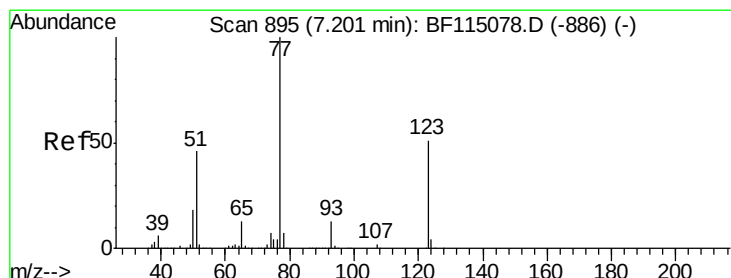
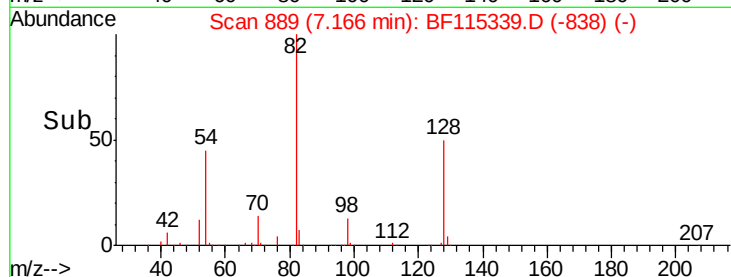
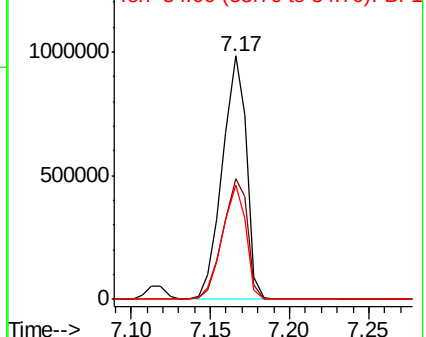
54 47.1 37.5 56.3



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: 38.608 ng

RT: 7.18 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

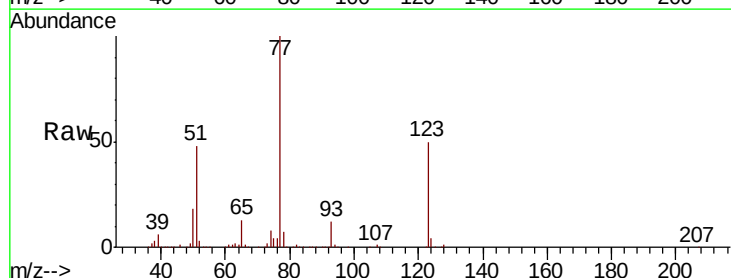
Tgt Ion: 77 Resp: 564134

Ion Ratio Lower Upper

77 100

123 50.3 41.0 61.6

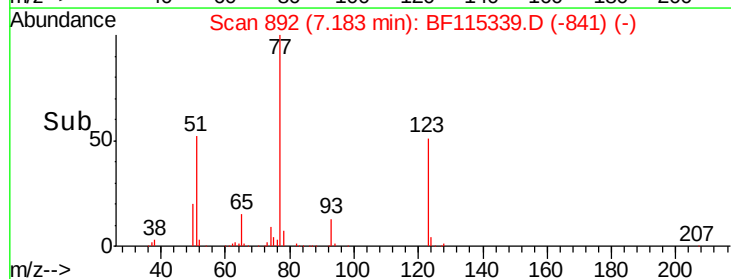
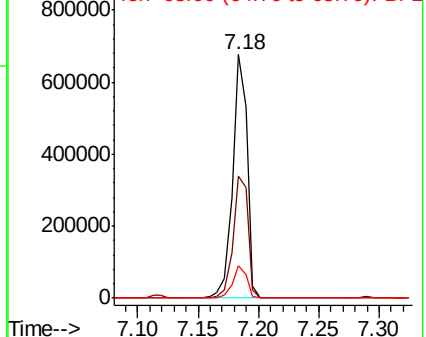
65 13.2 10.5 15.7

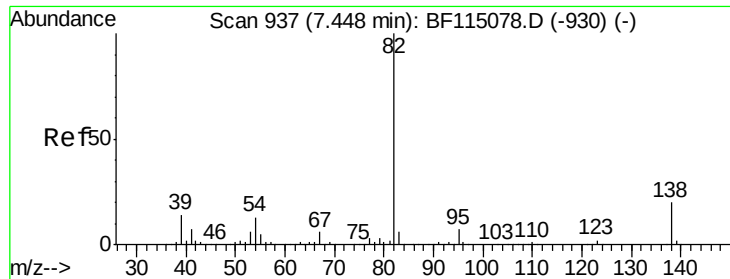


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.418 ng

RT: 7.43 min Scan# 934

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

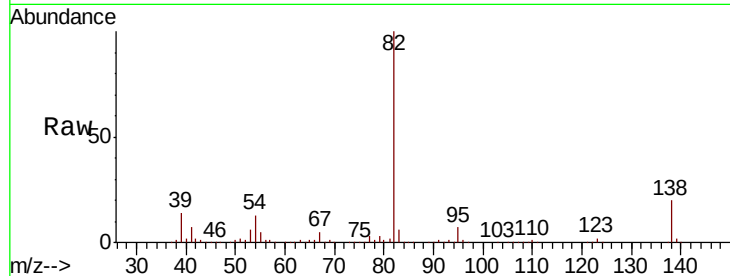
Tot Ion: 82 Resp: 989490

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

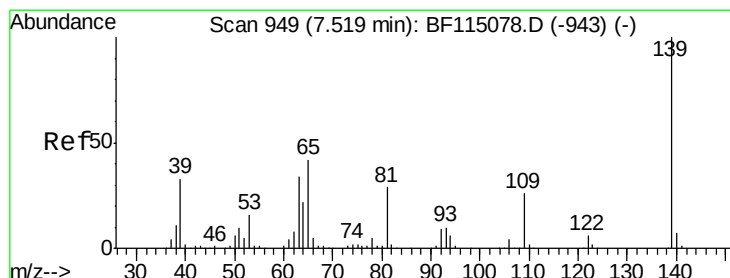
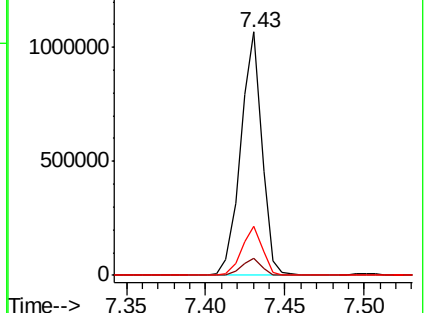
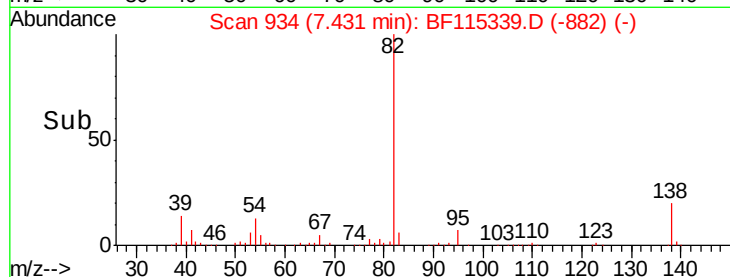
138 20.1 15.9 23.9



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: 43.693 ng

RT: 7.50 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

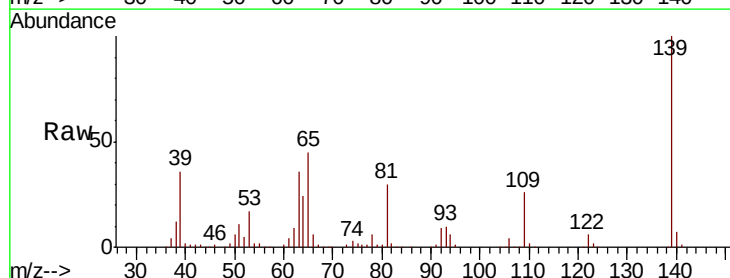
Tgt Ion: 139 Resp: 315293

Ion Ratio Lower Upper

139 100

109 25.7 20.4 30.6

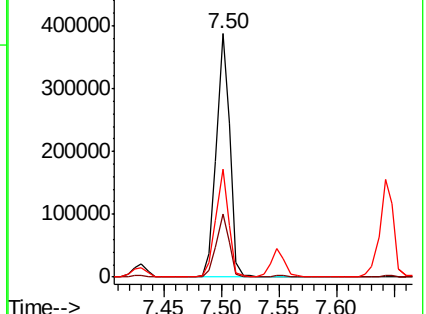
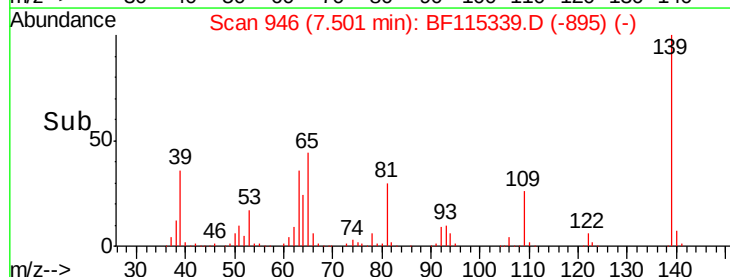
65 44.5 33.6 50.4

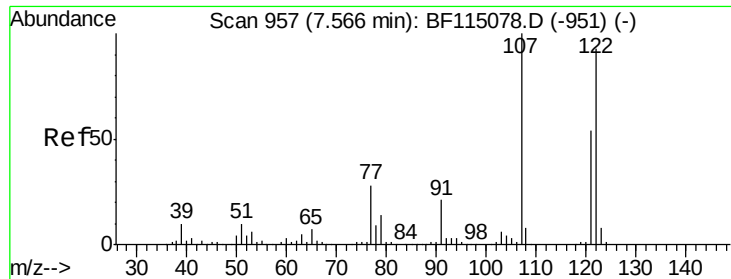


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

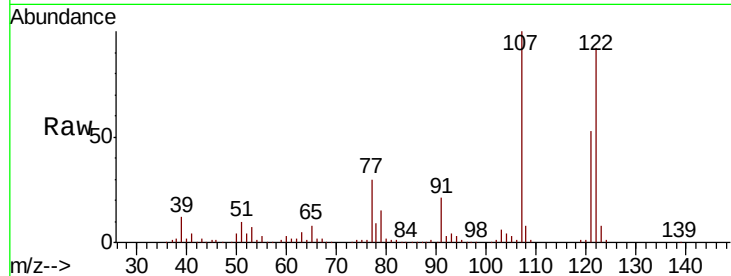




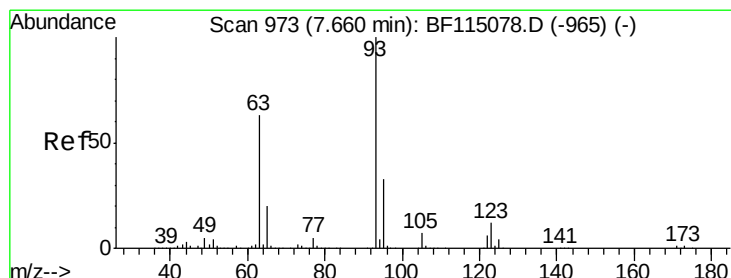
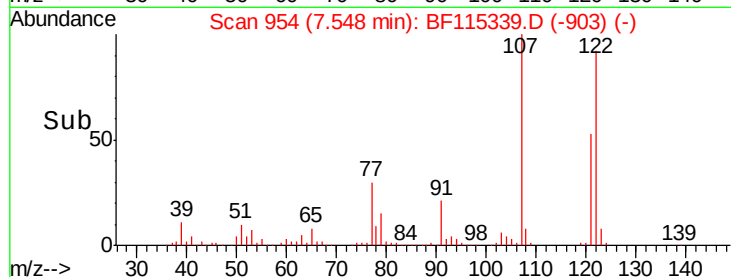
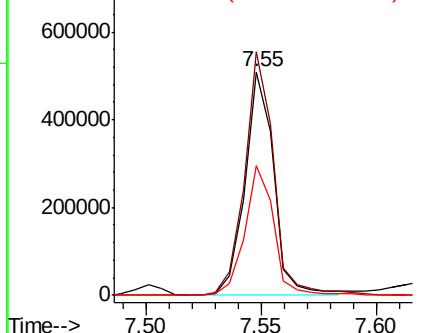
#27
2,4-Dimethylphenol
Concen: 37.795 ng
RT: 7.55 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:122 Resp: 446537
Ion Ratio Lower Upper
122 100
107 109.0 85.8 128.6
121 58.0 46.3 69.5

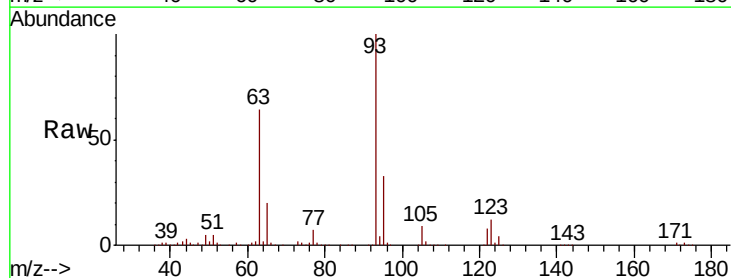


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

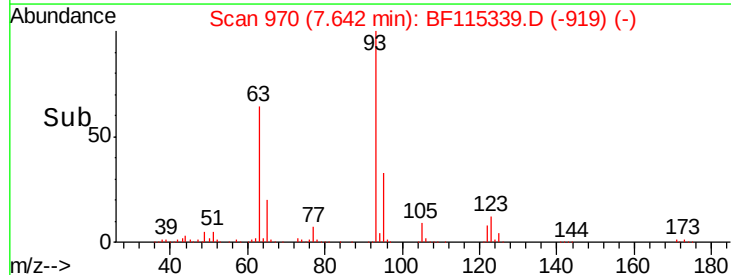
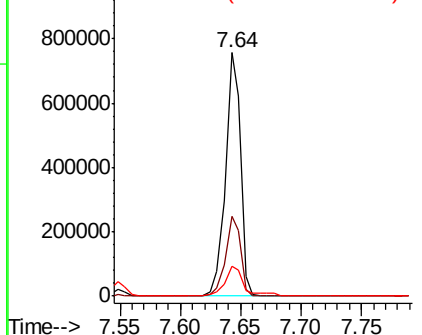


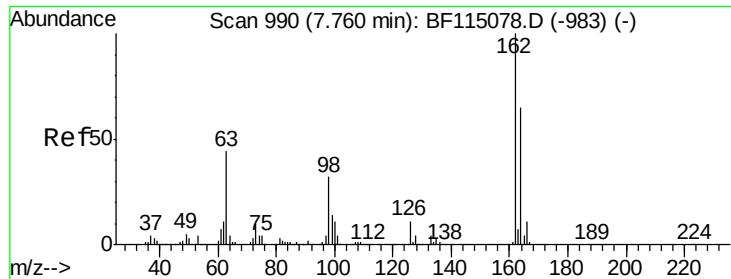
#28
bis(2-Chloroethoxy)methane
Concen: 37.959 ng
RT: 7.64 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Tgt Ion: 93 Resp: 651879
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.4
123 12.3 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

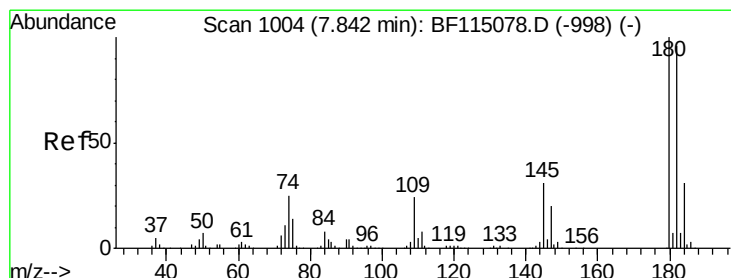
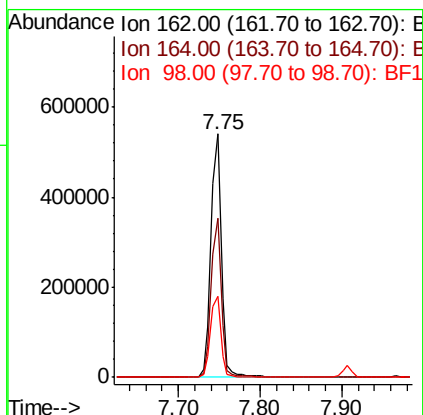
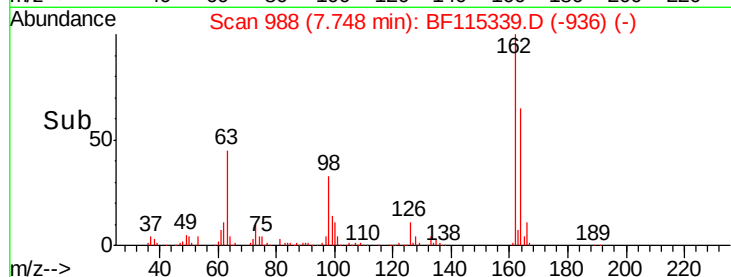
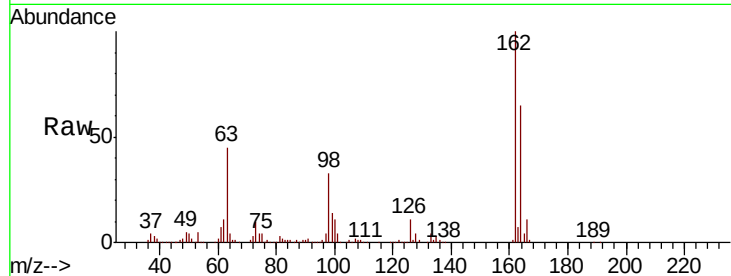




#29
2,4-Dichlorophenol
Concen: 39.186 ng
RT: 7.75 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

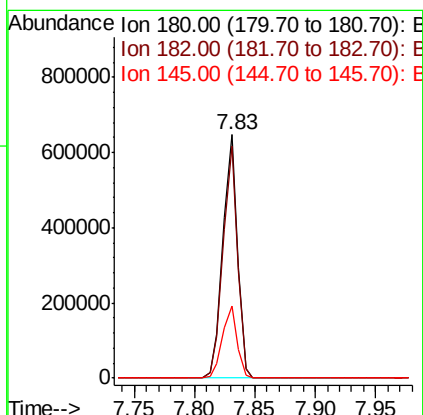
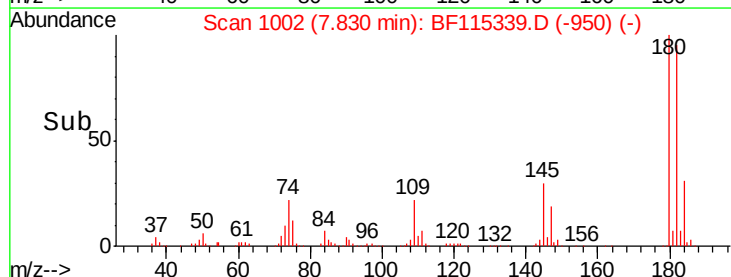
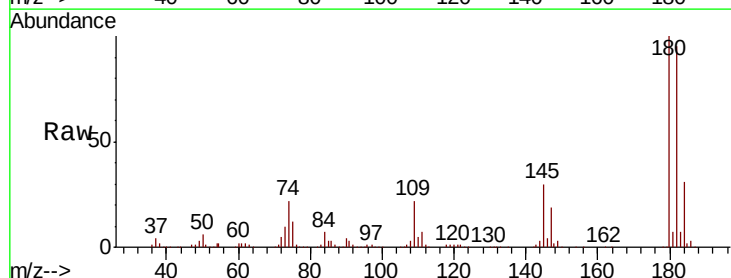
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

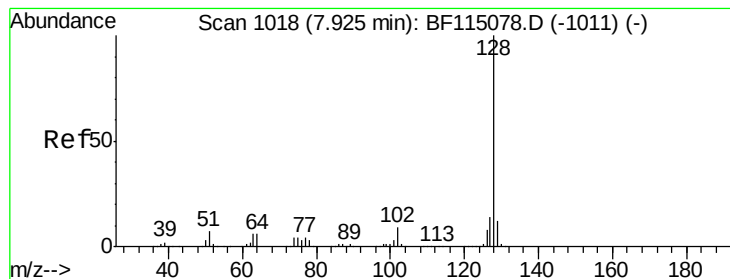
Tot Ion:162 Resp: 477781
Ion Ratio Lower Upper
162 100
164 65.5 45.3 85.3
98 33.1 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 40.229 ng
RT: 7.83 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Tgt Ion:180 Resp: 541794
Ion Ratio Lower Upper
180 100
182 95.1 76.4 114.6
145 29.9 24.8 37.2





#31

Naphthalene

Concen: 39.364 ng

RT: 7.91 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

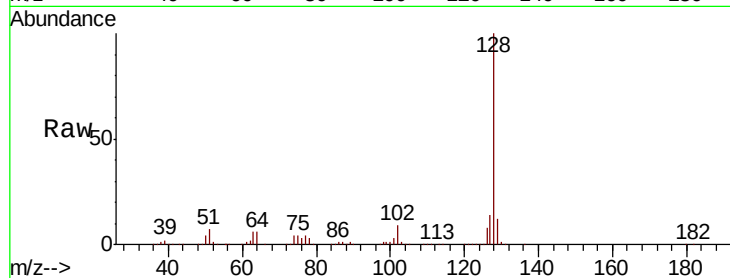
Tot Ion:128 Resp: 1576544

Ion Ratio Lower Upper

128 100

129 11.8 9.6 14.4

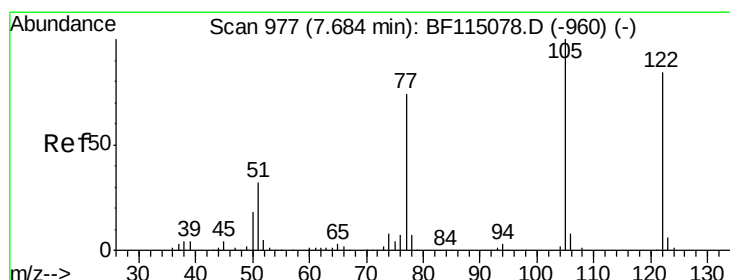
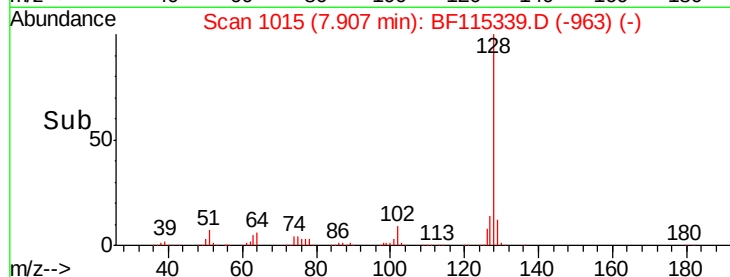
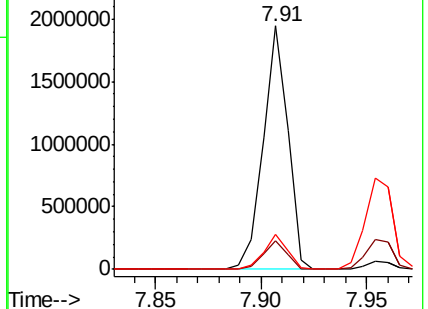
127 14.2 11.4 17.0



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: 30.633 ng

RT: 7.67 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

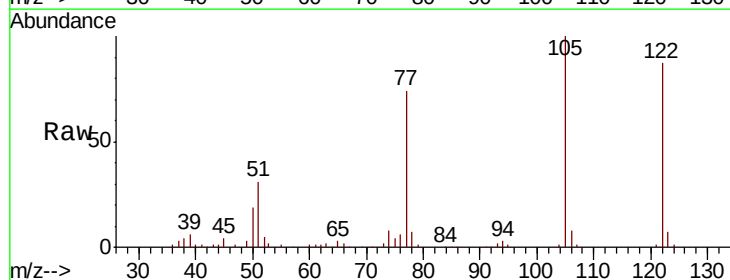
Tgt Ion:122 Resp: 258342

Ion Ratio Lower Upper

122 100

105 115.3 98.2 138.2

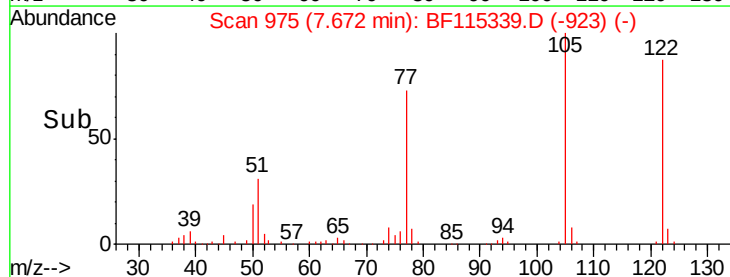
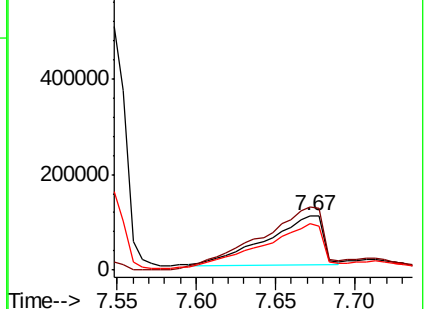
77 84.8 67.0 107.0

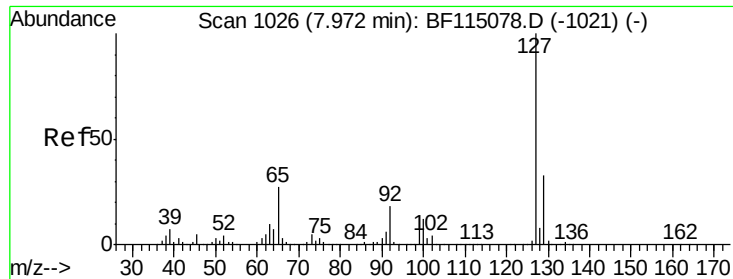


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

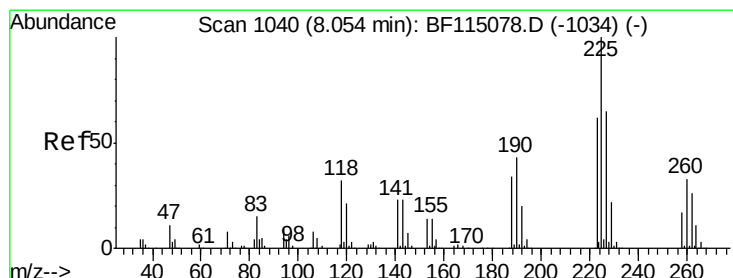
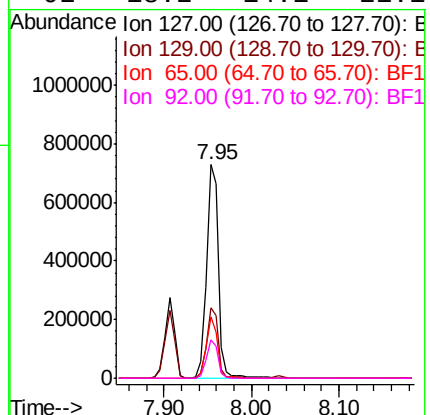
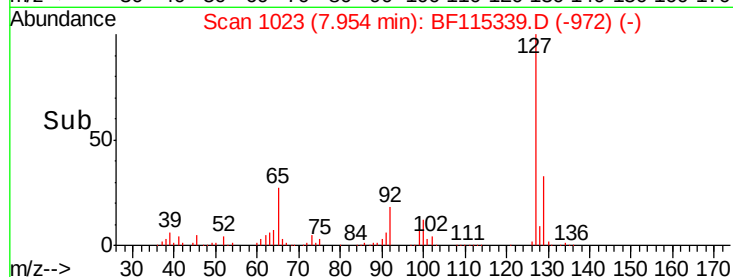
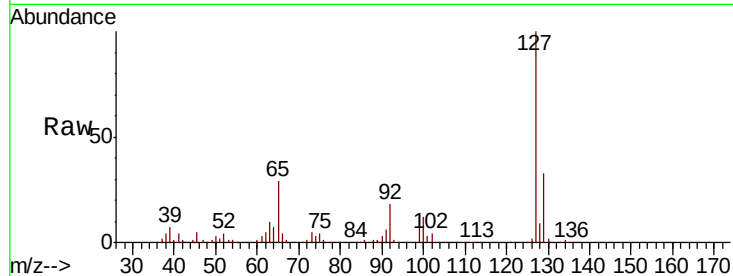




#33
4-Chloroaniline
Concen: 37.645 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

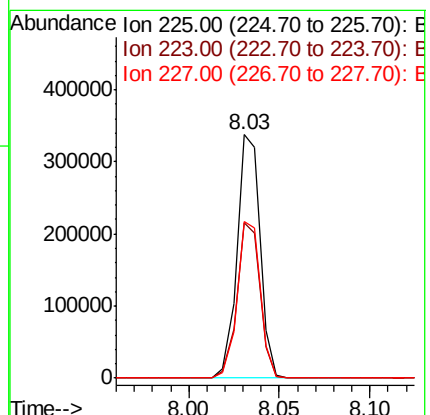
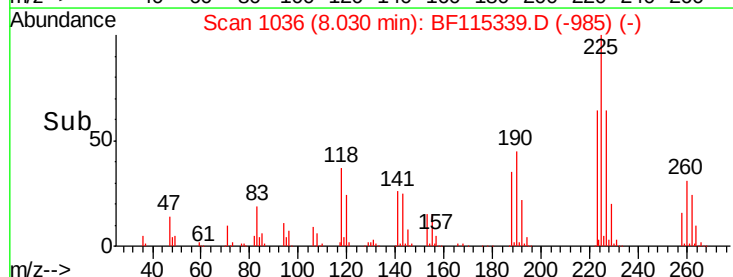
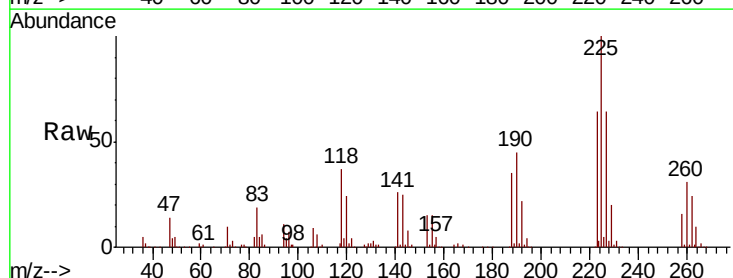
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

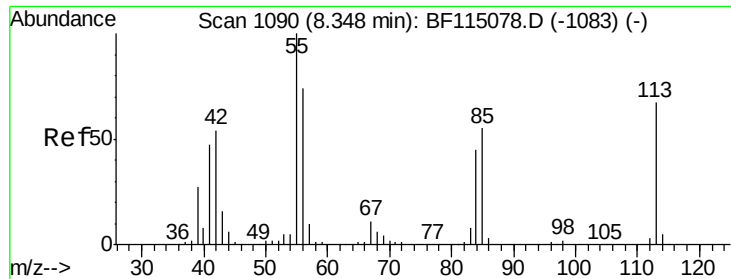
Tot Ion:	127	Resp:	689063
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	28.8	21.4	32.2
92	18.2	14.1	21.1



#34
Hexachlorobutadiene
Concen: 40.702 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Tgt Ion:	225	Resp:	300400
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.4	74.2
227	64.1	51.8	77.8

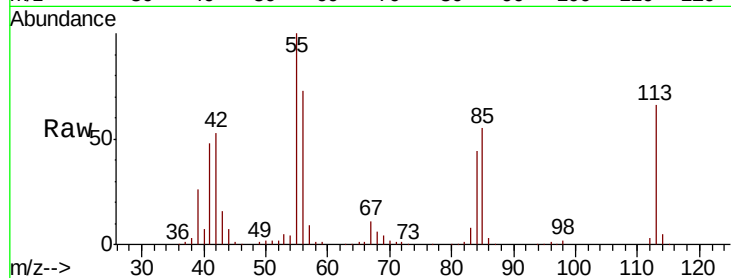




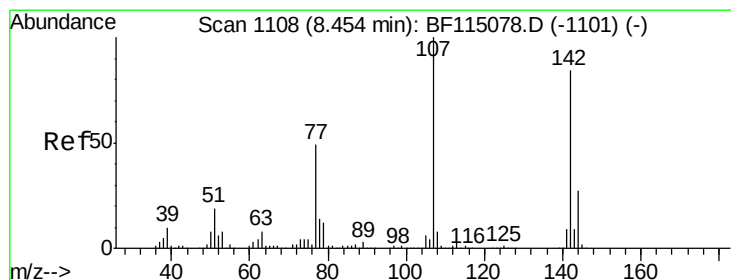
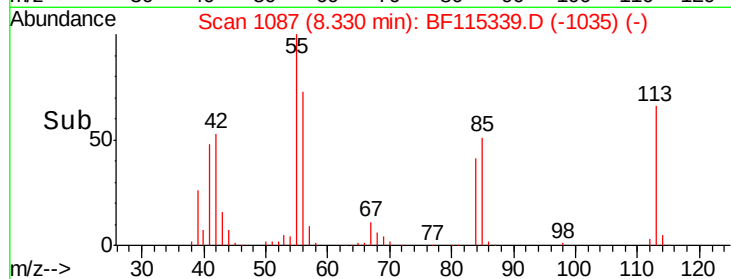
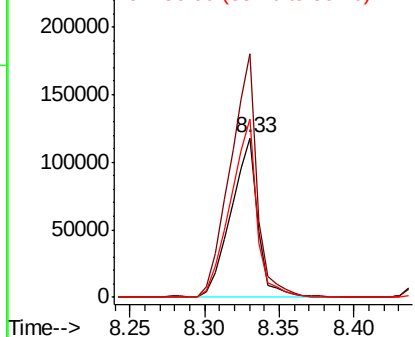
#35
 Caprolactam
 Concen: 36.349 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: BF115339.D
 Acq: 1 Jul 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:113 Resp: 149007
 Ion Ratio Lower Upper
 113 100
 55 152.5 130.2 170.2
 56 111.4 91.6 131.6

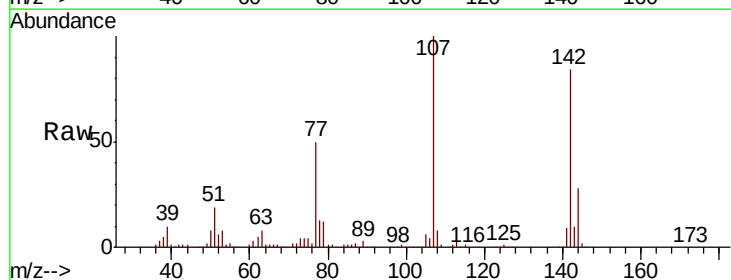


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

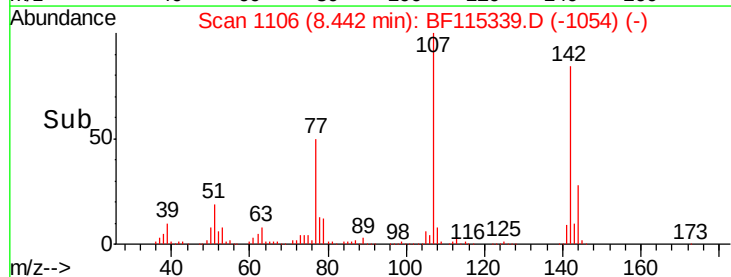
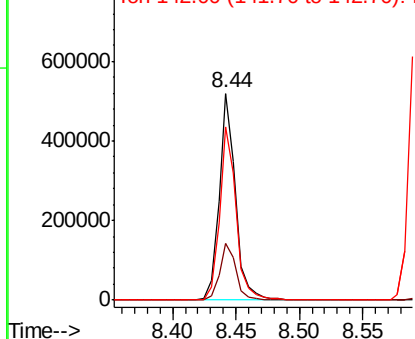


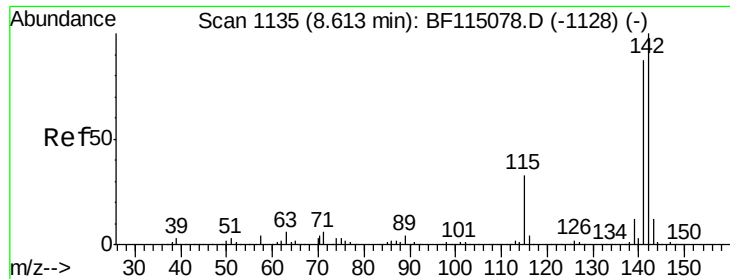
#36
 4-Chloro-3-methylphenol
 Concen: 37.991 ng
 RT: 8.44 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF115339.D
 Acq: 1 Jul 2019 15:36

Tgt Ion:107 Resp: 469115
 Ion Ratio Lower Upper
 107 100
 144 27.6 21.7 32.5
 142 83.8 67.0 100.4



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

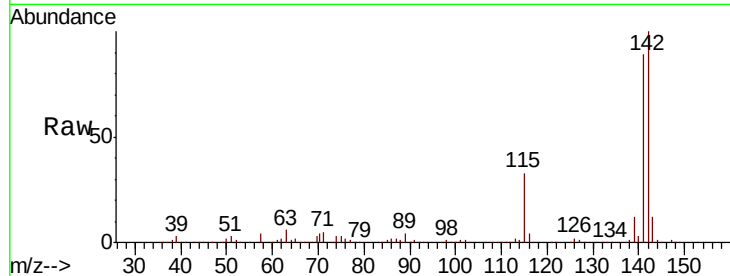




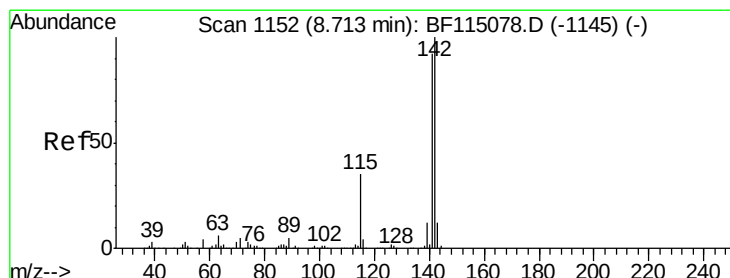
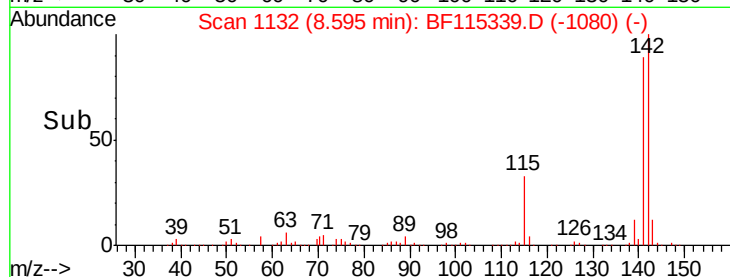
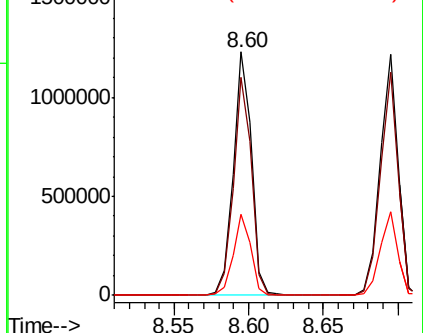
#37
2-Methylnaphthalene
Concen: 39.243 ng
RT: 8.60 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:142 Resp: 1059737
Ion Ratio Lower Upper
142 100
141 89.4 69.8 104.6
115 33.2 26.7 40.1

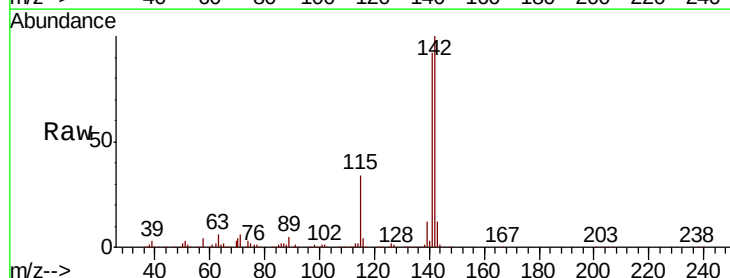


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

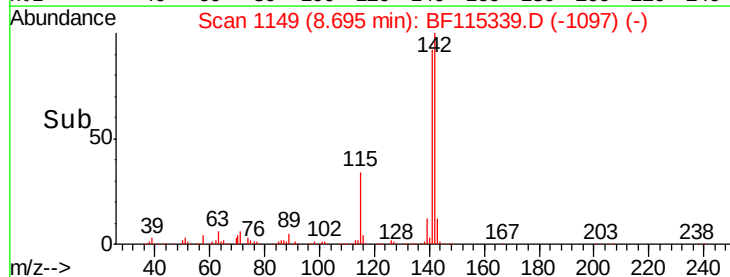
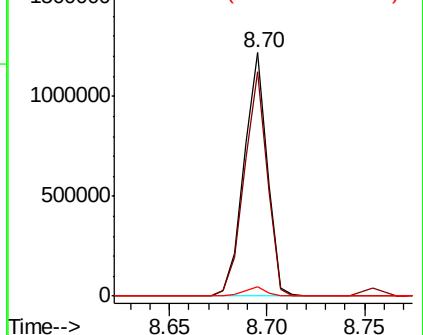


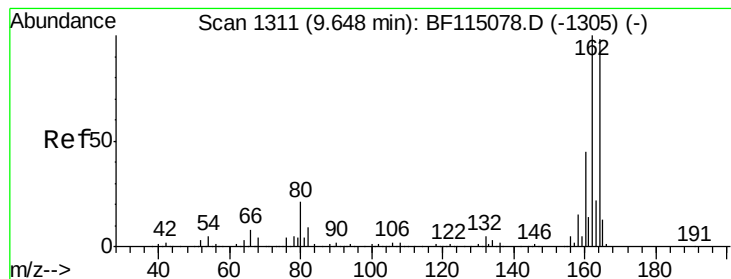
#38
1-Methylnaphthalene
Concen: 38.796 ng
RT: 8.70 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Tgt Ion:142 Resp: 1000578
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.8
116 3.7 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

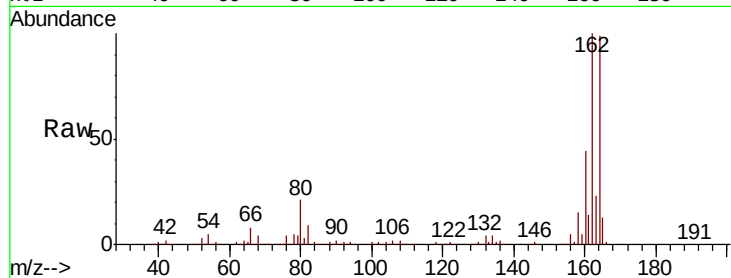
Tot Ion:164 Resp: 399640

Ion Ratio Lower Upper

164 100

162 100.7 81.7 122.5

160 44.7 37.0 55.4

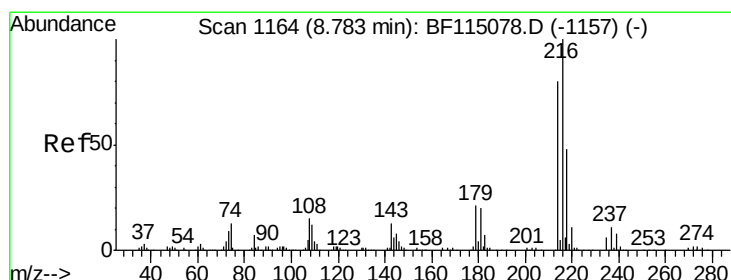
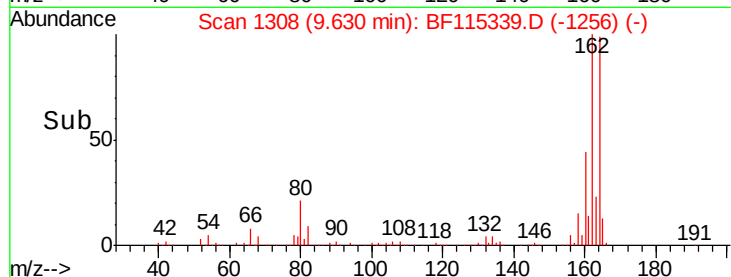
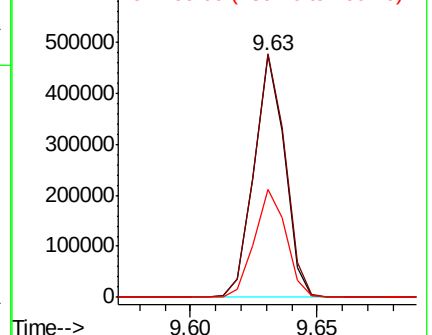


Abundance

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: 41.483 ng

RT: 8.77 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Tgt Ion:216 Resp: 468478

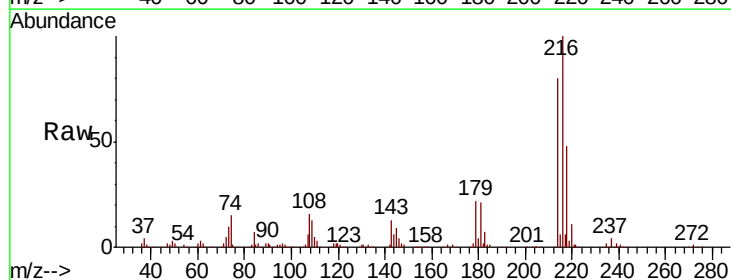
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.6

179 21.9 17.6 26.4

108 18.8 15.7 23.5



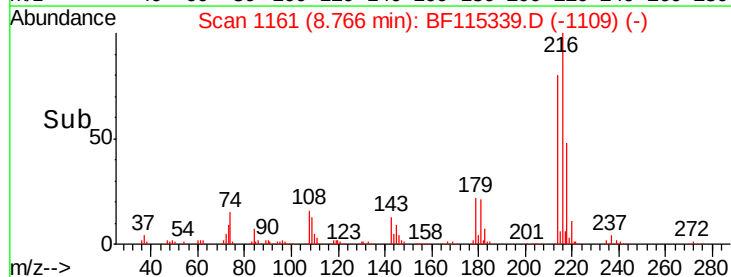
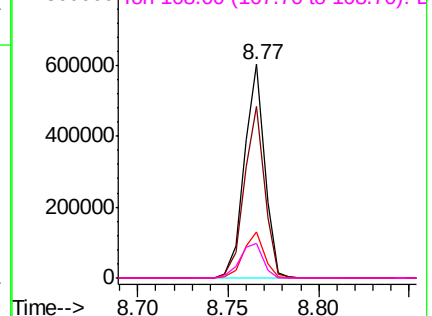
Abundance

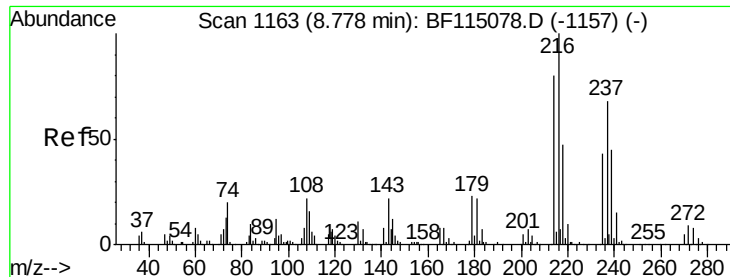
Ion 216.00 (215.70 to 216.70): E

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

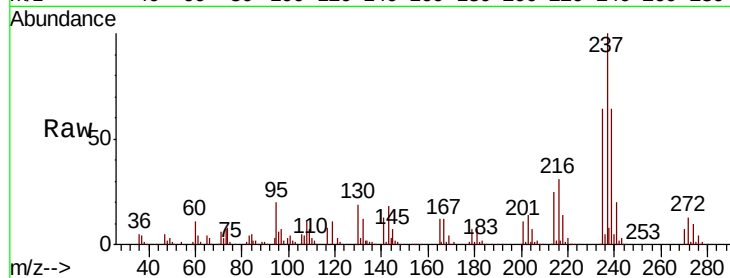




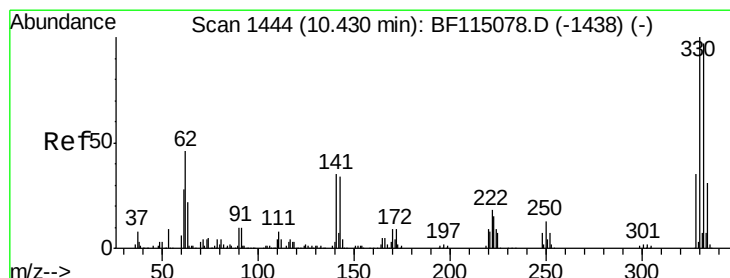
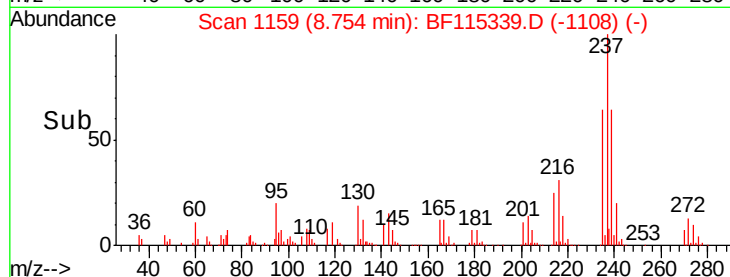
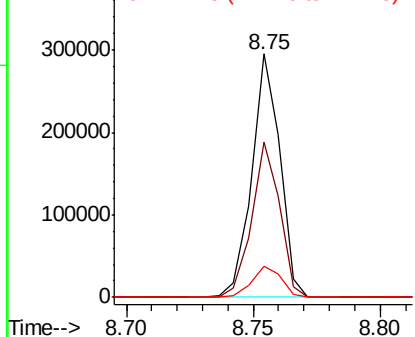
#41
Hexachlorocyclopentadiene
Concen: 34.074 ng
RT: 8.75 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 237 Resp: 228175
Ion Ratio Lower Upper
237 100
235 63.8 43.9 83.9
272 12.7 0.0 33.8

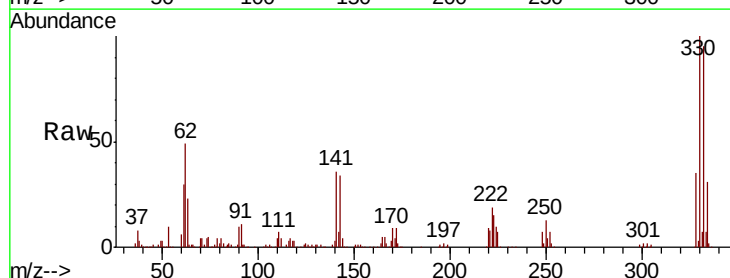


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

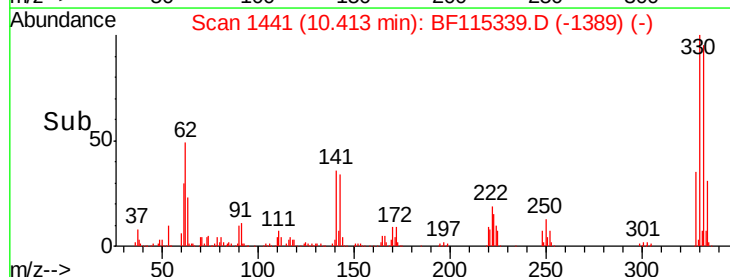
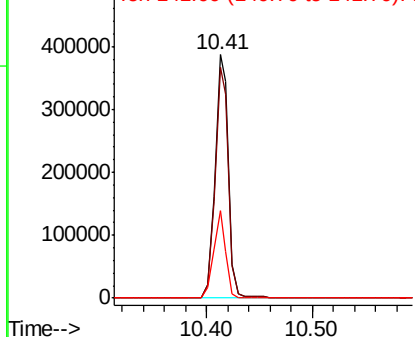


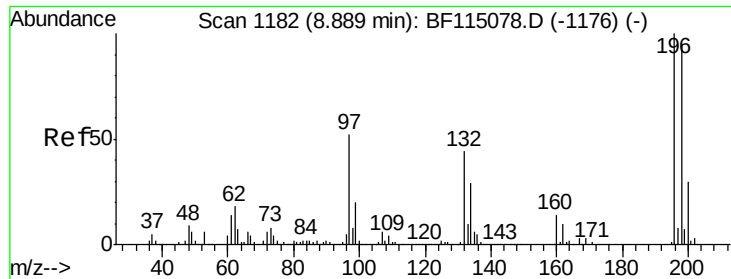
#42
2,4,6-Tribromophenol
Concen: 83.237 ng
RT: 10.41 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Tgt Ion: 330 Resp: 350790
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 32.4 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

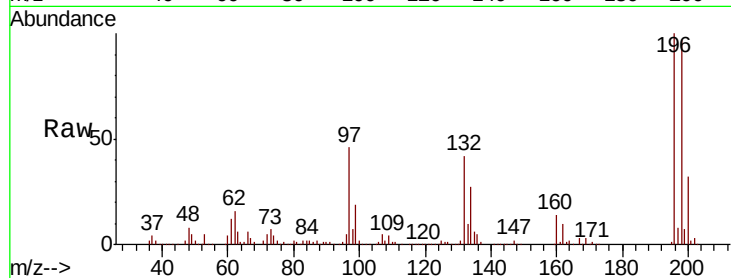




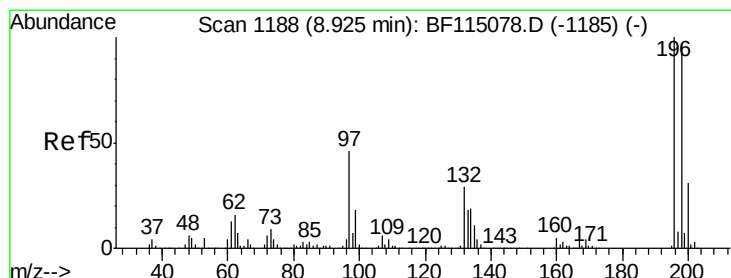
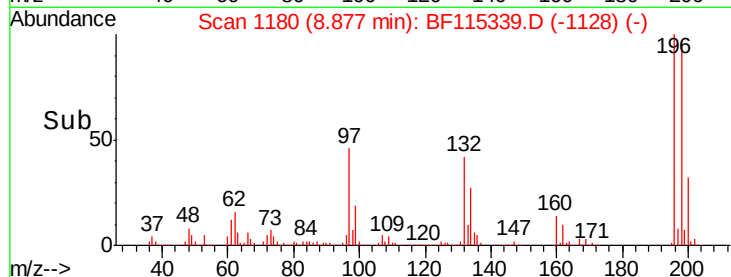
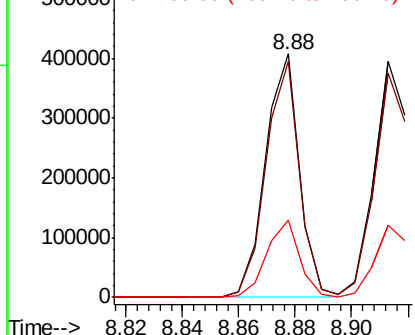
#43
 2,4,6-Trichlorophenol
 Concen: 38.892 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF115339.D
 Acq: 1 Jul 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196 Resp: 339084
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.3 114.5
 200 31.5 24.2 36.4



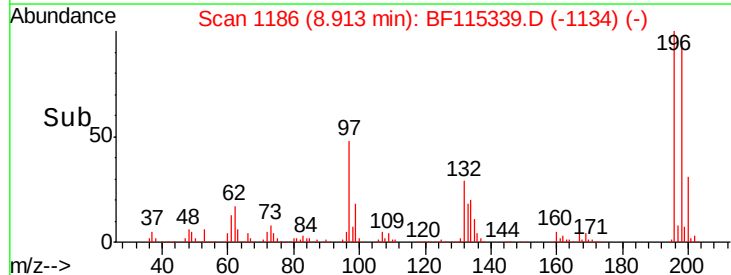
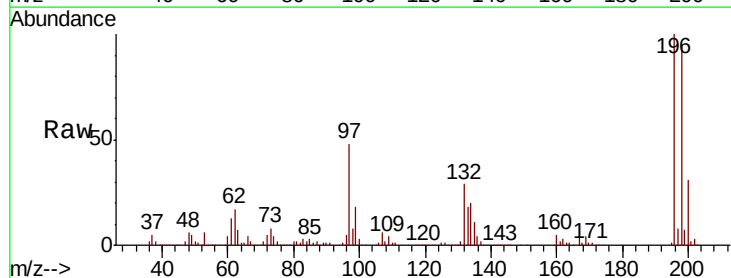
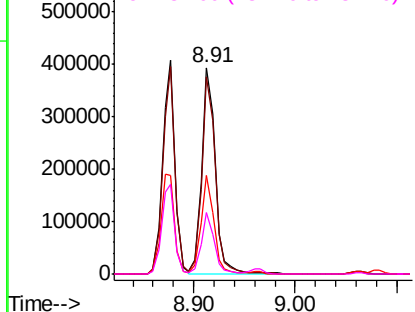
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

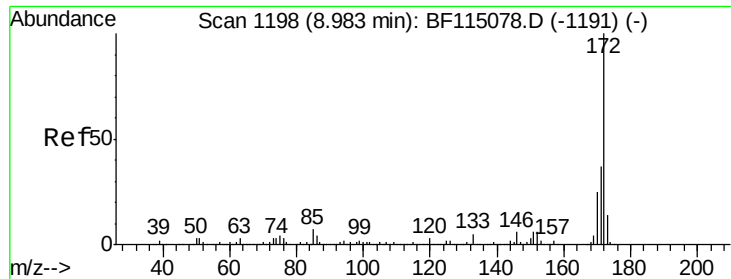


#44
 2,4,5-Trichlorophenol
 Concen: 40.948 ng
 RT: 8.91 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF115339.D
 Acq: 1 Jul 2019 15:36

Tgt Ion:196 Resp: 367654
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.1 115.7
 97 47.8 37.7 56.5
 132 29.5 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

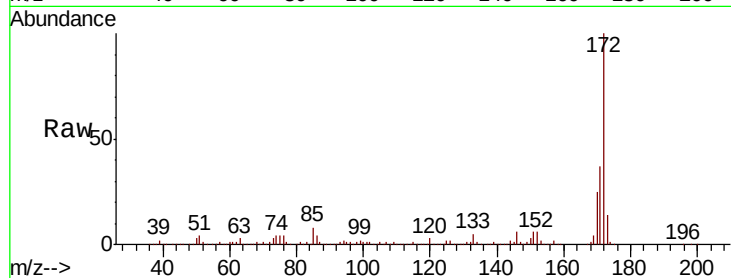




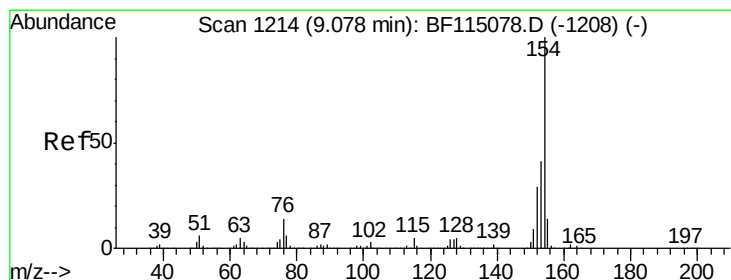
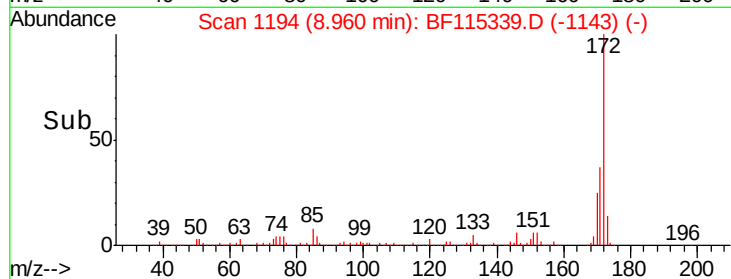
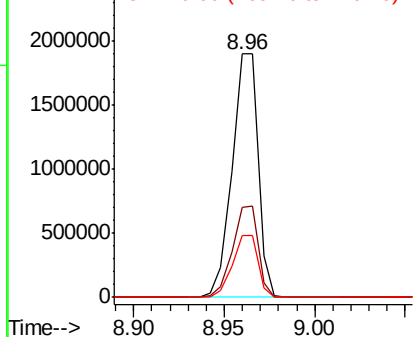
#45
2-Fluorobiphenyl
Concen: 80.396 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:172 Resp: 1891498
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 25.2 20.3 30.5

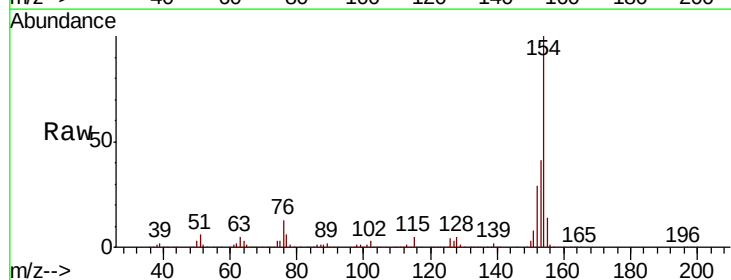


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

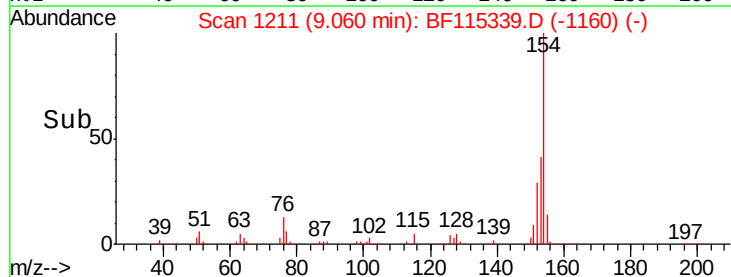
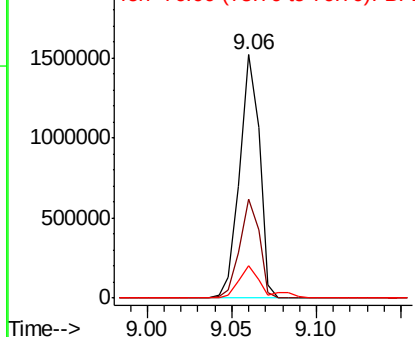


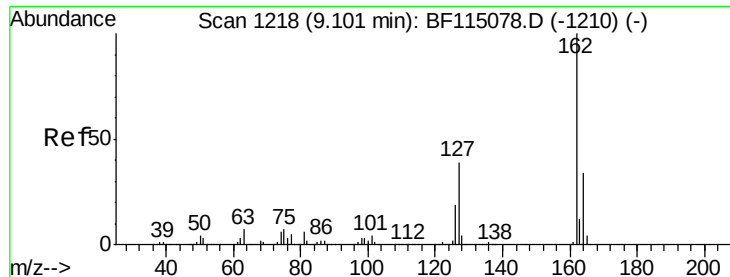
#46
1,1'-Biphenyl
Concen: 38.921 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Tgt Ion:154 Resp: 1244575
Ion Ratio Lower Upper
154 100
153 40.7 20.9 60.9
76 13.4 0.0 34.1



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





#47

2-Chloronaphthalene

Concen: 39.831 ng

RT: 9.08 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

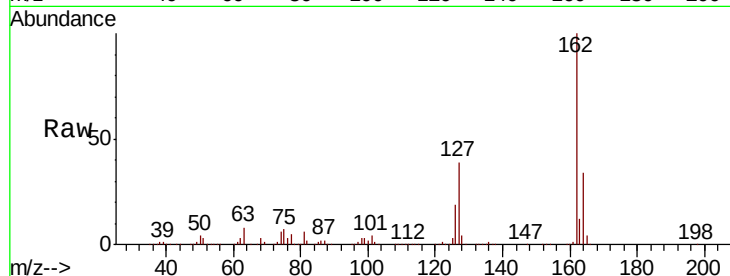
Tot Ion:162 Resp: 1033150

Ion Ratio Lower Upper

162 100

127 39.2 30.8 46.2

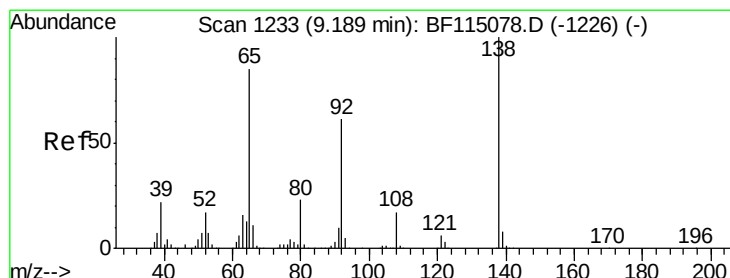
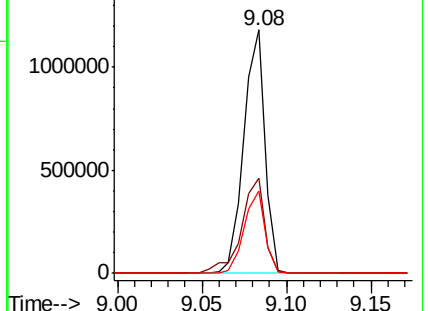
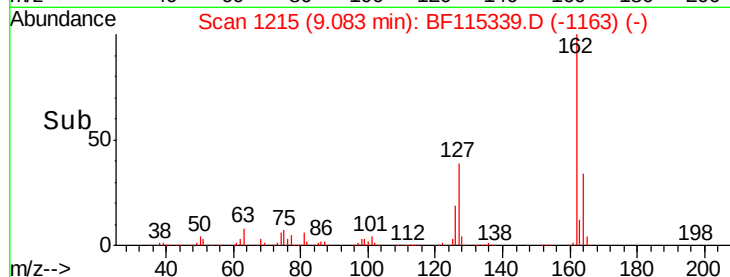
164 33.9 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.319 ng

RT: 9.18 min Scan# 1231

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

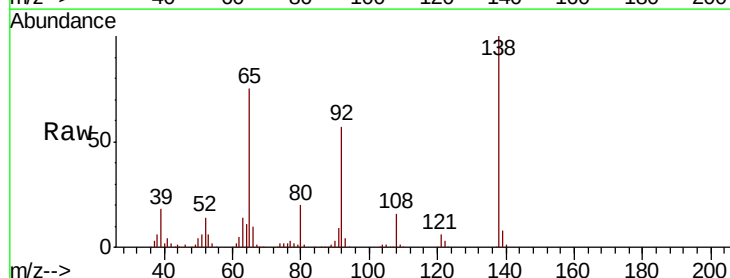
Tgt Ion: 65 Resp: 304896

Ion Ratio Lower Upper

65 100

92 76.2 57.4 86.2

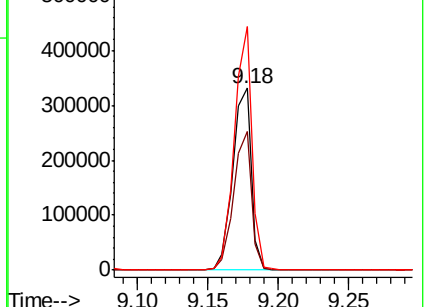
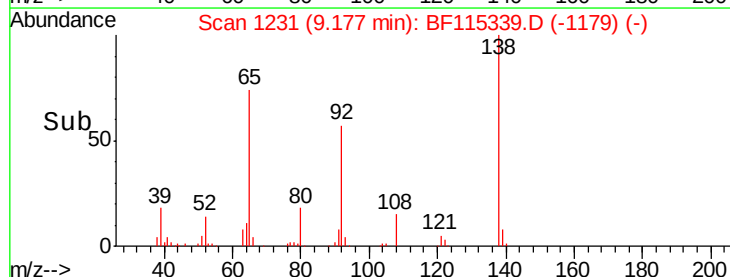
138 133.7 94.1 141.1

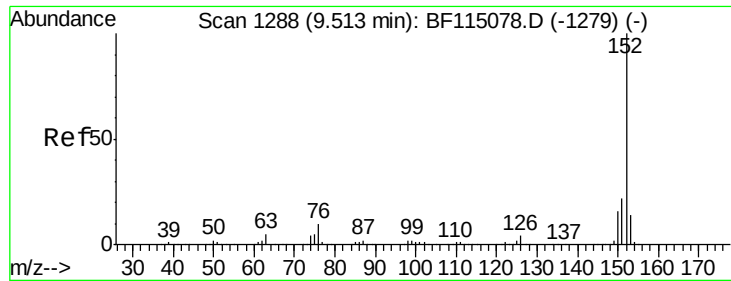


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.134 ng

RT: 9.50 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

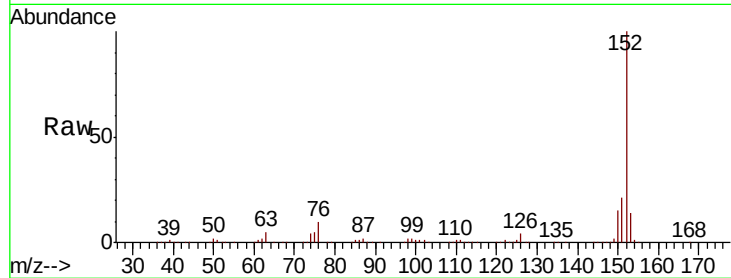
Tot Ion:152 Resp: 1581486

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

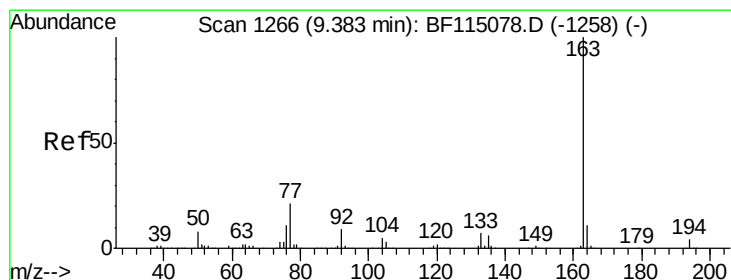
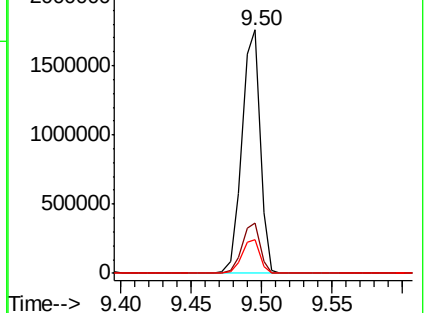
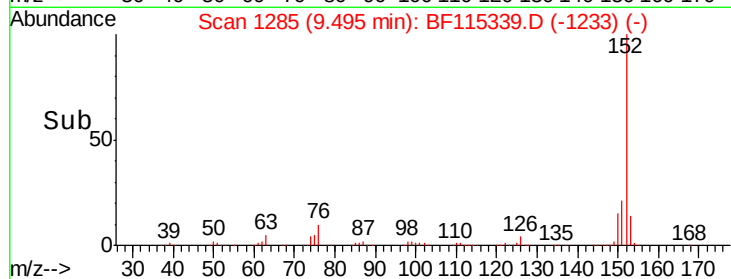
153 13.7 11.0 16.6



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: 39.529 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

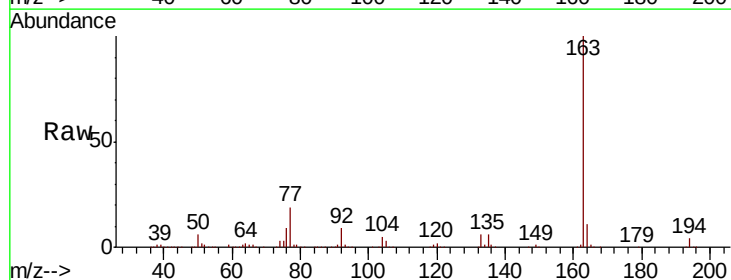
Tgt Ion:163 Resp: 1162238

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

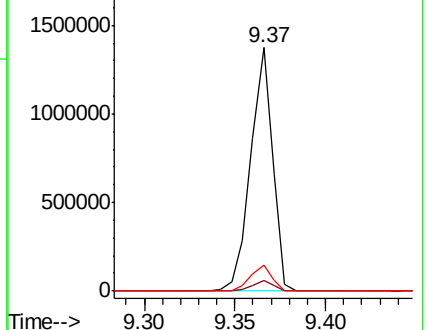
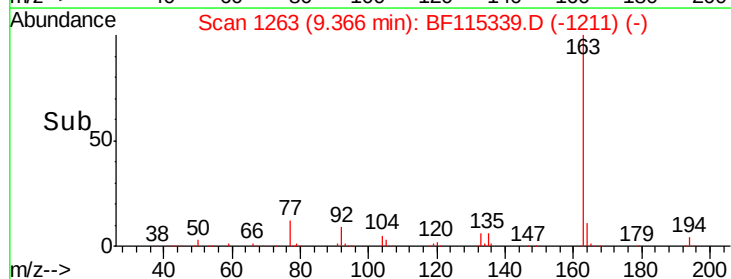
164 10.7 8.6 13.0

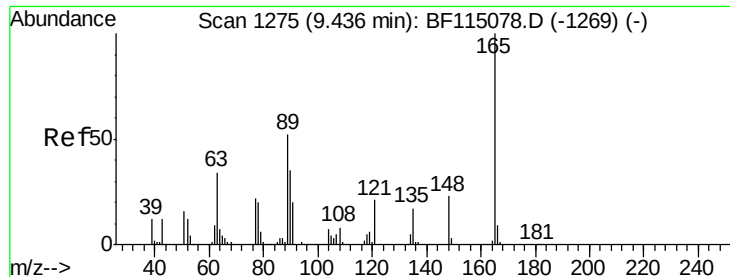


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.149 ng

RT: 9.42 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

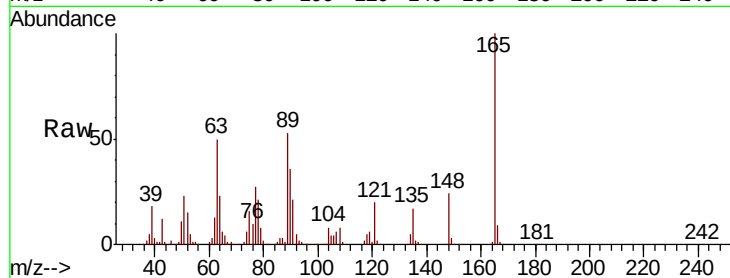
Tot Ion:165 Resp: 265749

Ion Ratio Lower Upper

165 100

63 49.7 39.4 59.2

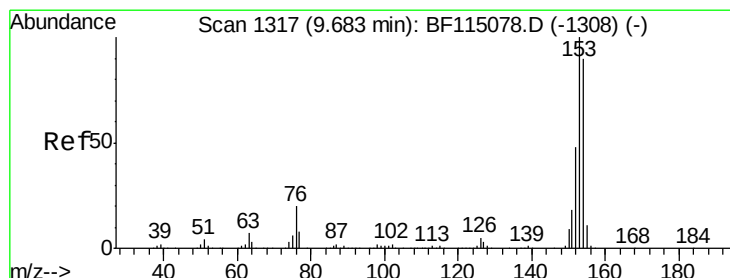
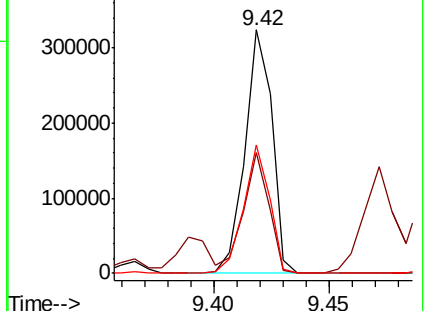
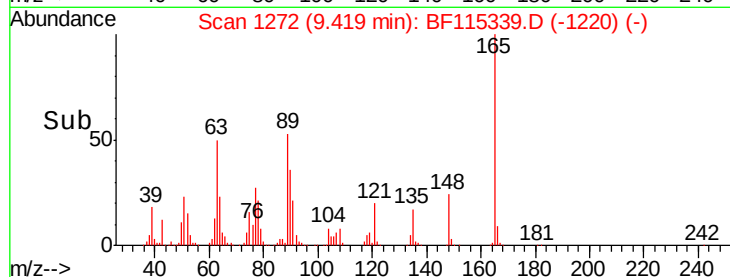
89 52.5 42.0 63.0



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: 36.253 ng

RT: 9.67 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

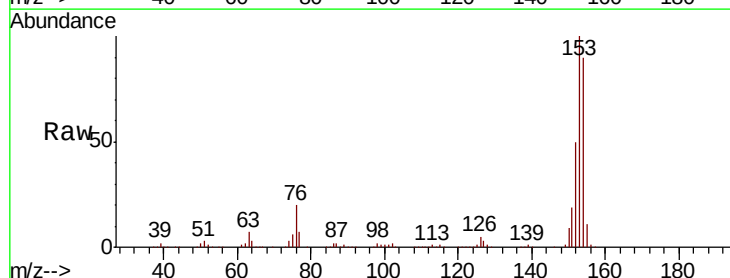
Tgt Ion:154 Resp: 916768

Ion Ratio Lower Upper

154 100

153 110.8 88.7 133.1

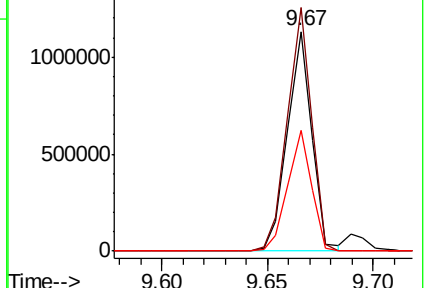
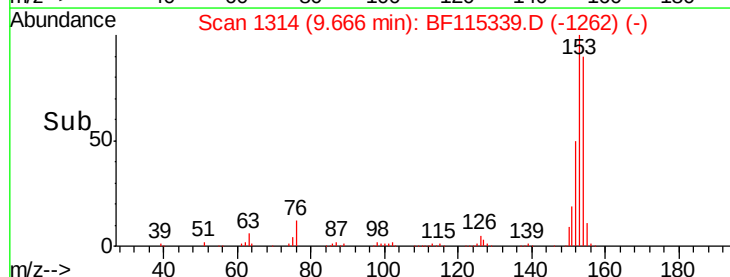
152 55.0 42.6 64.0

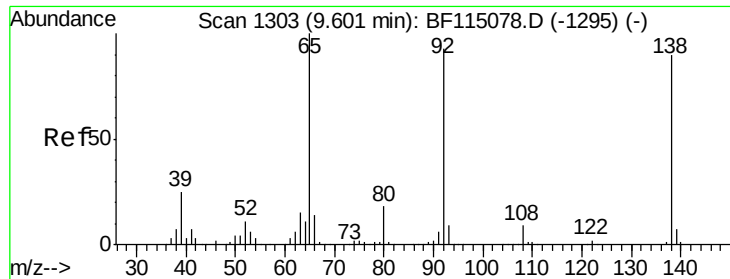


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

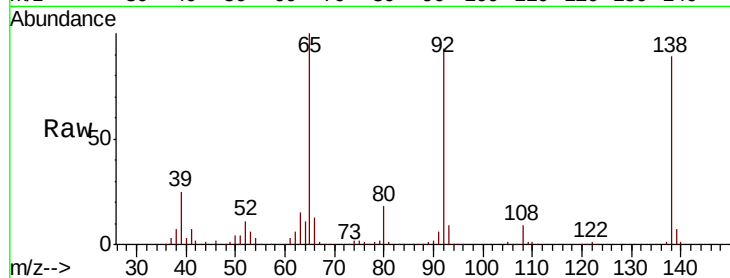




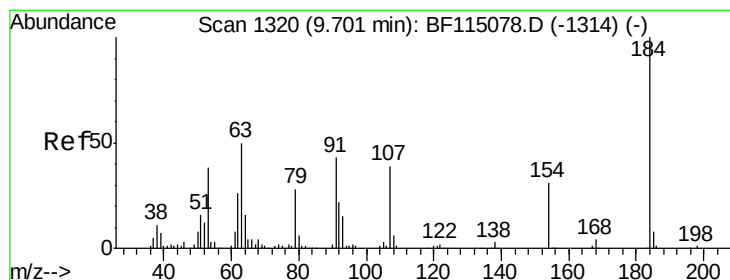
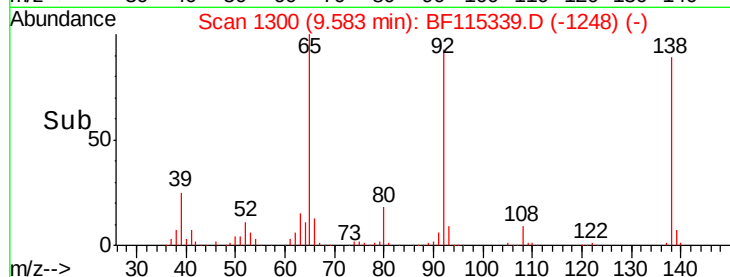
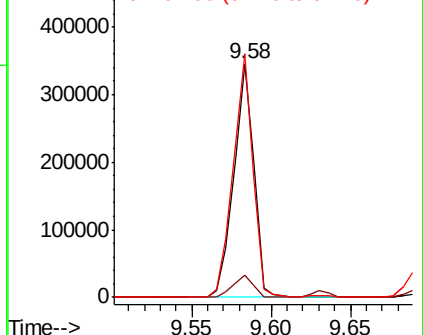
#53
 3-Nitroaniline
 Concen: 36.808 ng
 RT: 9.58 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF115339.D
 Acq: 1 Jul 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:138 Resp: 304905
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.8 11.6
 92 104.1 82.9 124.3

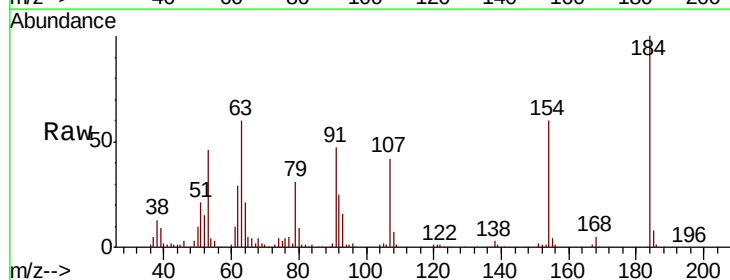


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

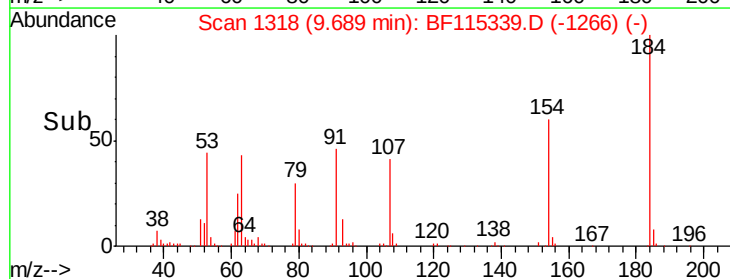
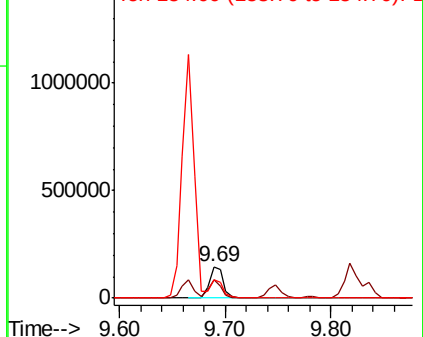


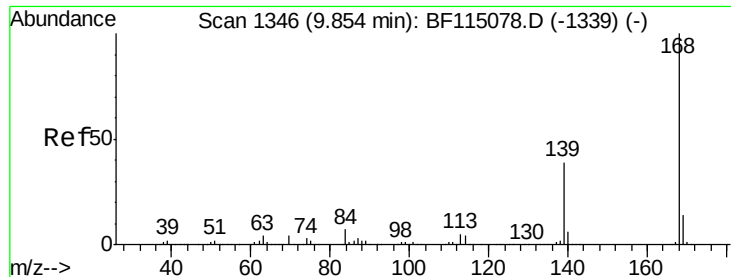
#54
 2,4-Dinitrophenol
 Concen: 43.147 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF115339.D
 Acq: 1 Jul 2019 15:36

Tgt Ion:184 Resp: 137698
 Ion Ratio Lower Upper
 184 100
 63 60.0 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

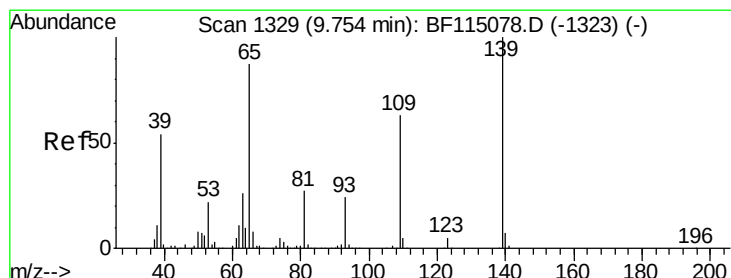
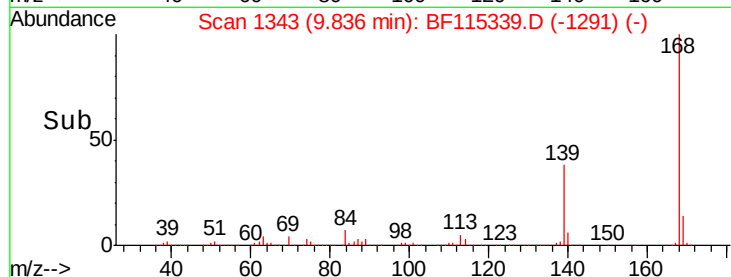
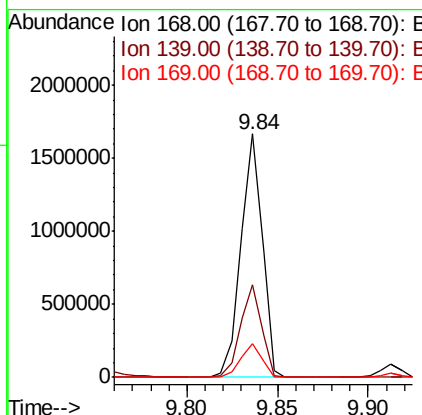
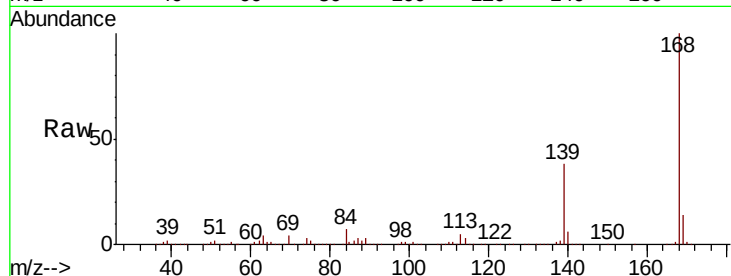




#55
Dibenzenofuran
Concen: 37.640 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

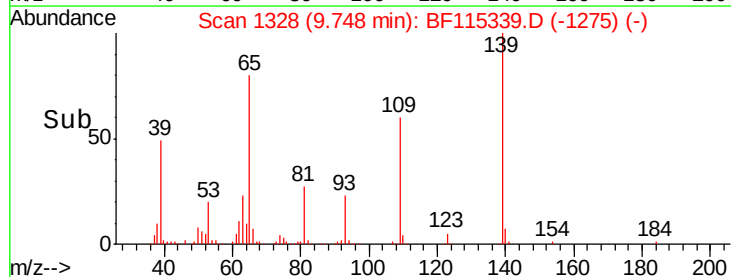
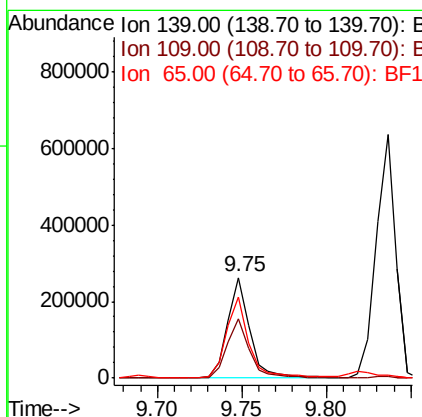
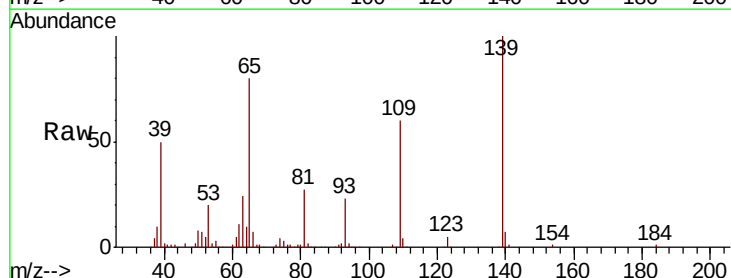
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

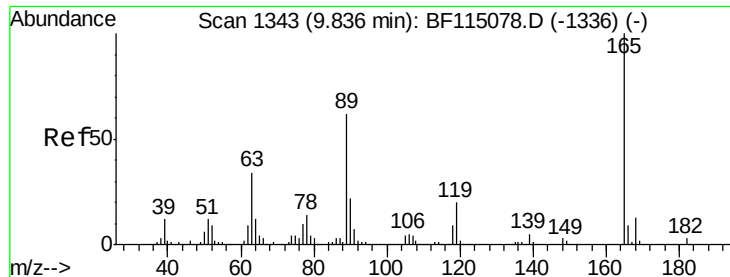
Tot Ion:168 Resp: 1366153
Ion Ratio Lower Upper
168 100
139 38.1 31.1 46.7
169 13.7 11.3 16.9



#56
4-Nitrophenol
Concen: 36.639 ng
RT: 9.75 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Tgt Ion:139 Resp: 243321
Ion Ratio Lower Upper
139 100
109 59.5 43.0 83.0
65 80.4 67.0 107.0

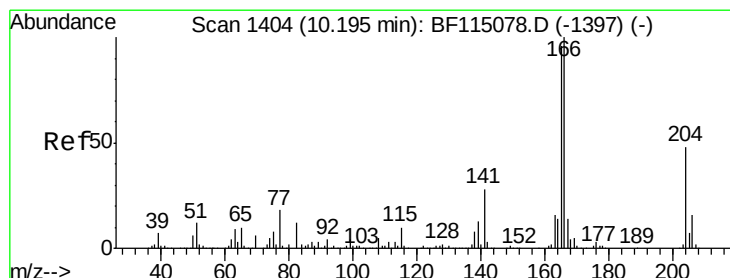
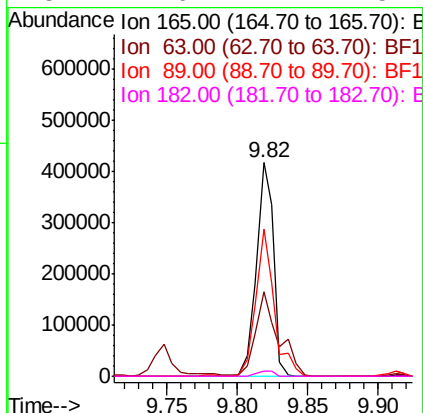
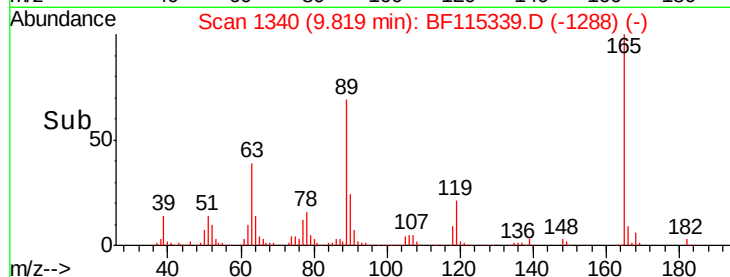
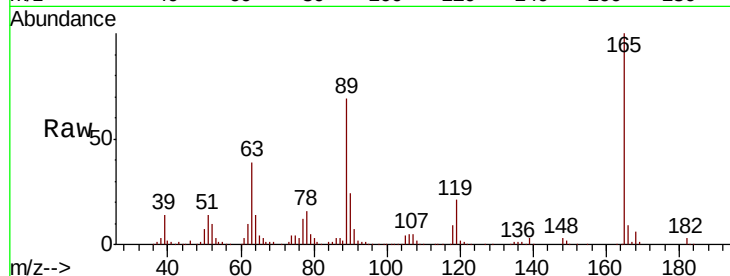




#57
 2,4-Dinitrotoluene
 Concen: 40.614 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF115339.D
 Acq: 1 Jul 2019 15:36

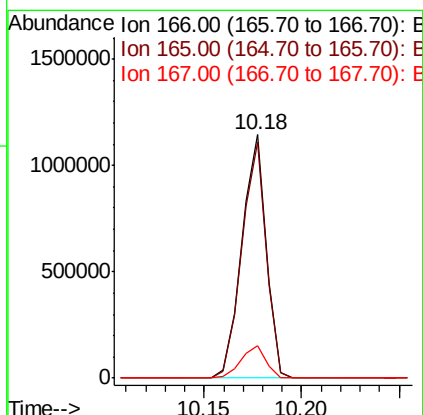
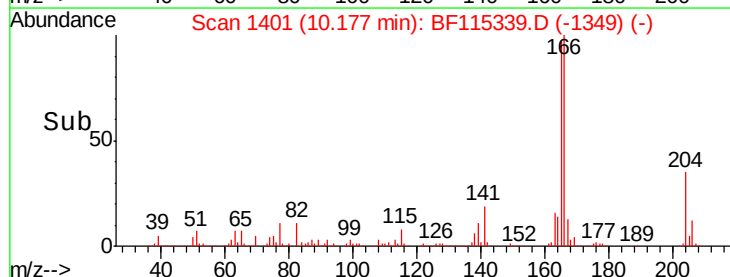
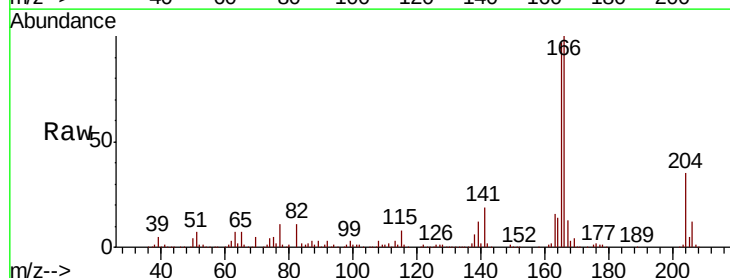
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

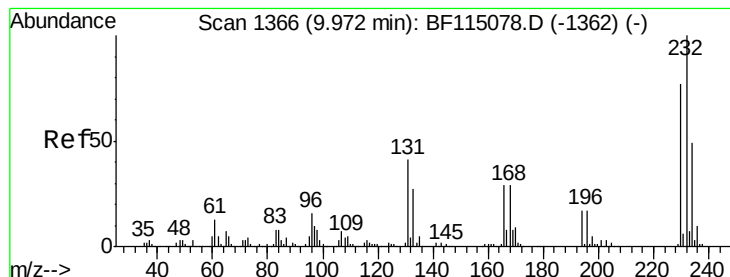
Tot Ion:165	Resp:	355974
Ion	Ratio	Lower Upper
165	100	
63	39.3	27.5 41.3
89	68.8	49.9 74.9
182	2.6	2.1 3.1



#58
 Fluorene
 Concen: 40.109 ng
 RT: 10.18 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF115339.D
 Acq: 1 Jul 2019 15:36

Tgt Ion:166	Resp:	986539
Ion	Ratio	Lower Upper
166	100	
165	96.7	76.5 114.7
167	13.4	11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.195 ng

RT: 9.95 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:232 Resp: 302620

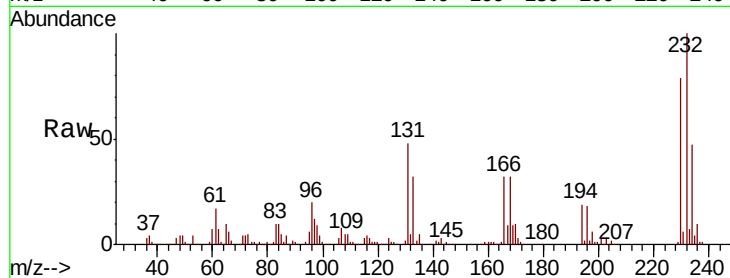
Ion Ratio Lower Upper

232 100

131 44.0 37.4 56.0

130 2.1 1.8 2.6

166 29.4 24.6 36.8

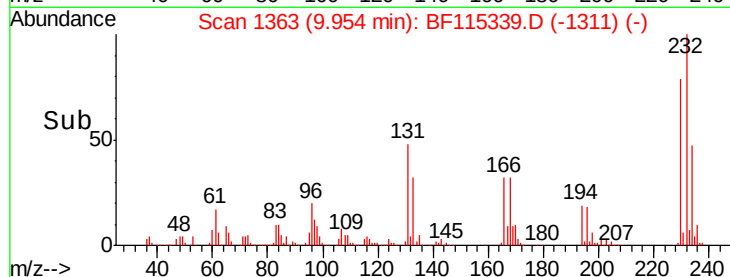


Abundance Ion 232.00 (231.70 to 232.70): E

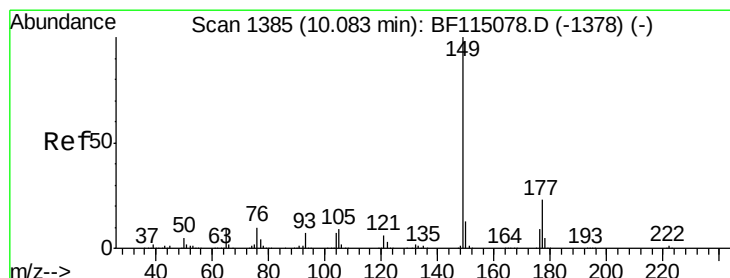
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 37.731 ng

RT: 10.06 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

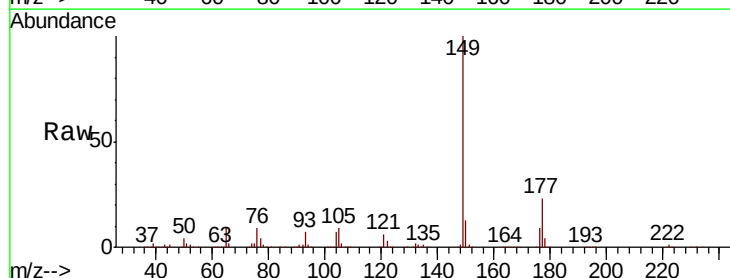
Tgt Ion:149 Resp: 1115158

Ion Ratio Lower Upper

149 100

177 23.1 18.7 28.1

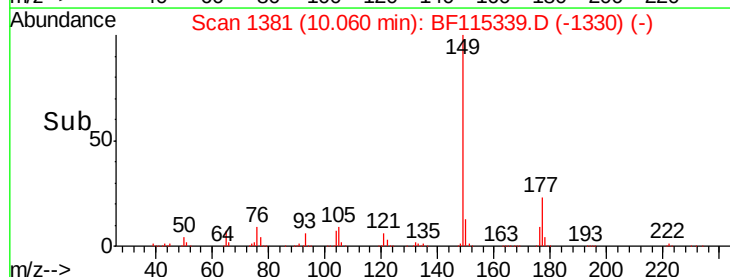
150 13.0 10.4 15.6



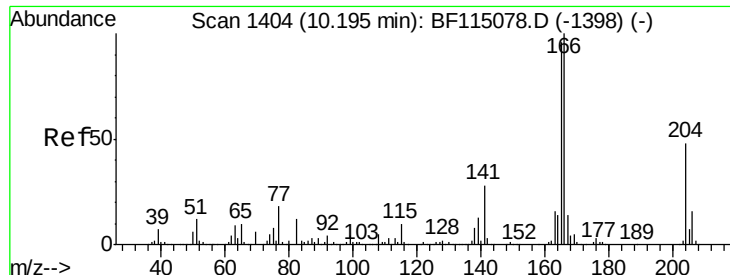
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



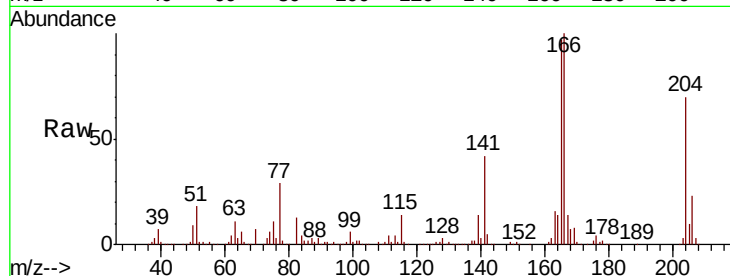
Time-->



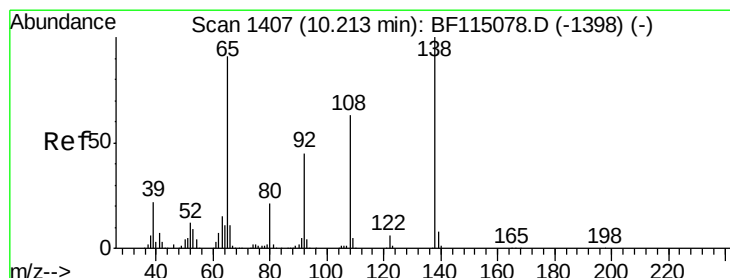
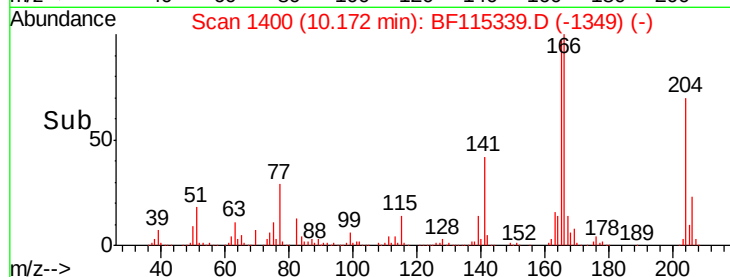
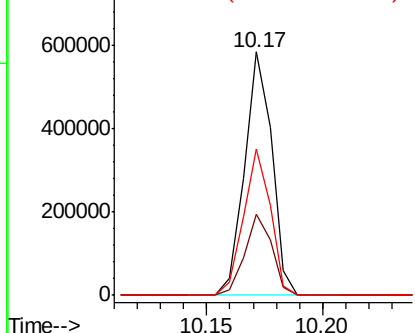
#61
4-Chlorophenyl-phenylether
Concen: 41.734 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 484928
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 60.3 46.7 70.1

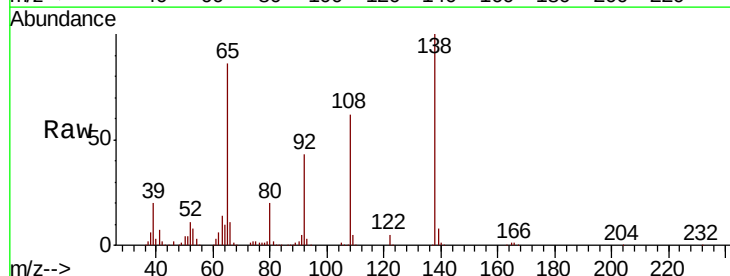


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

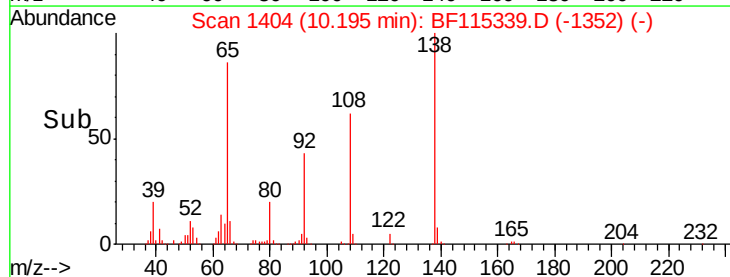
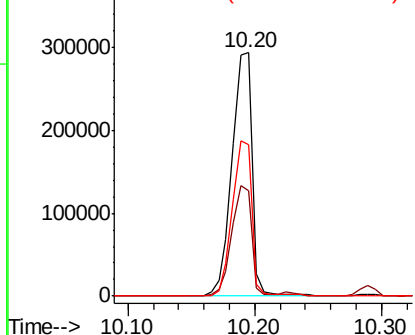


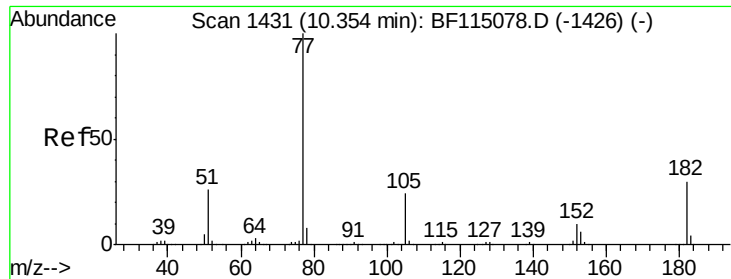
#62
4-Nitroaniline
Concen: 38.768 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Tgt Ion:138 Resp: 322168
Ion Ratio Lower Upper
138 100
92 43.1 24.8 64.8
108 62.1 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

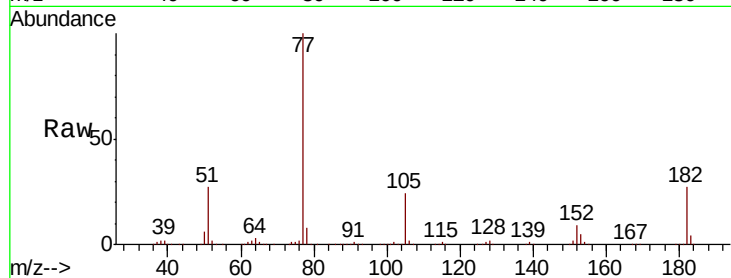




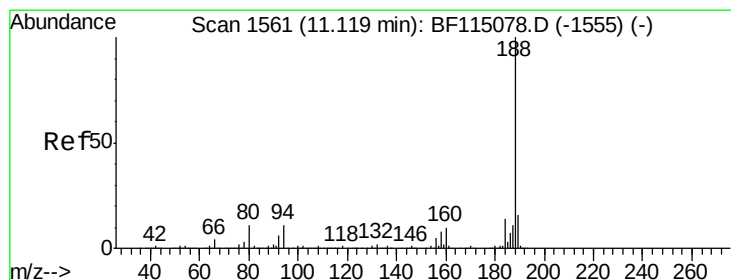
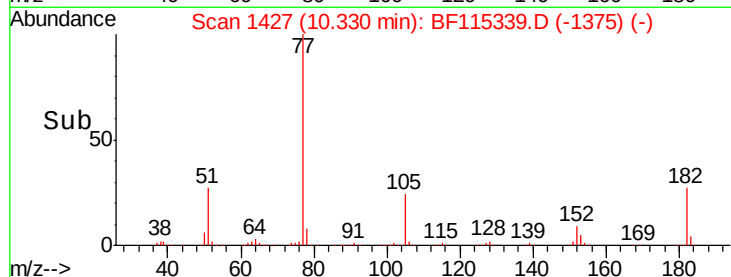
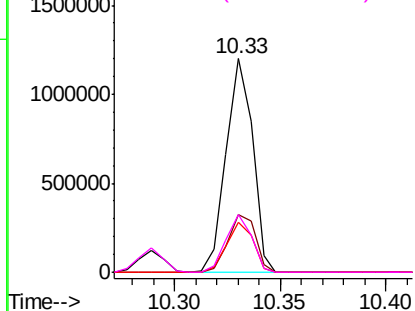
#63
Azobenzene
Concen: 37.588 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 77 Resp: 1037652
Ion Ratio Lower Upper
77 100
182 26.9 10.1 50.1
105 23.6 4.5 44.5
51 27.0 6.4 46.4

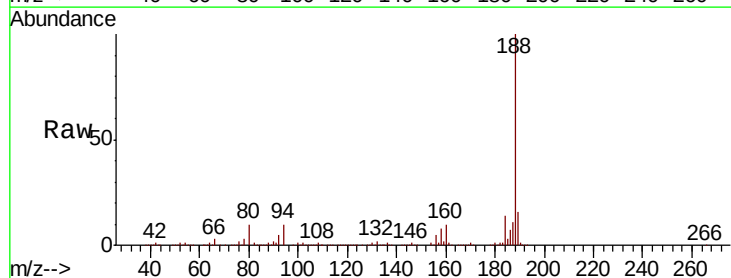


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

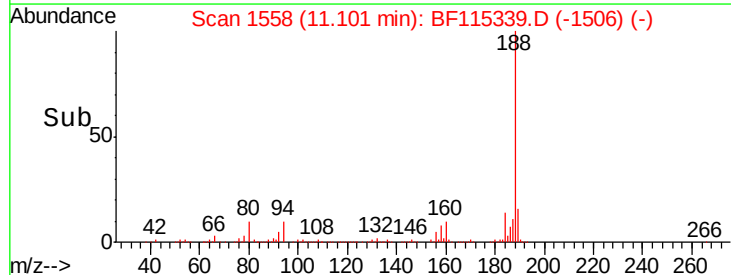
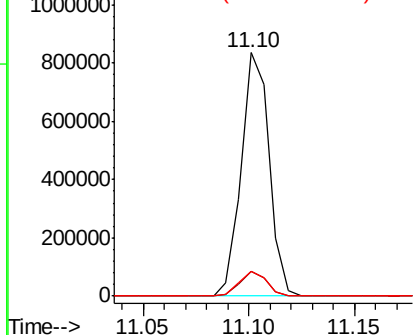


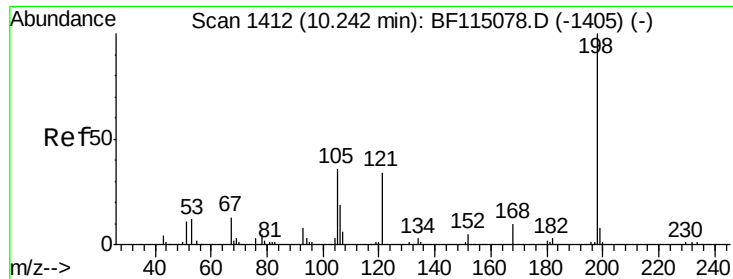
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Tgt Ion: 188 Resp: 764440
Ion Ratio Lower Upper
188 100
94 10.1 8.6 12.8
80 10.4 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.279 ng

RT: 10.23 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

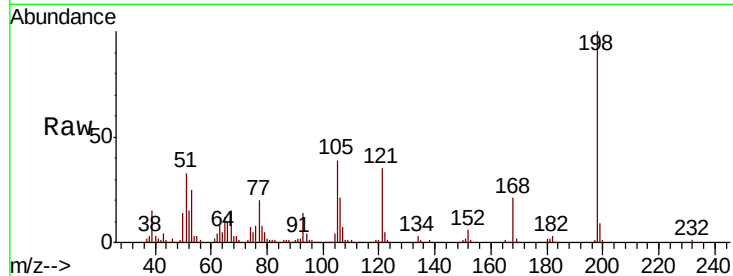
Tot Ion:198 Resp: 173823

Ion Ratio Lower Upper

198 100

51 32.7 11.0 51.0

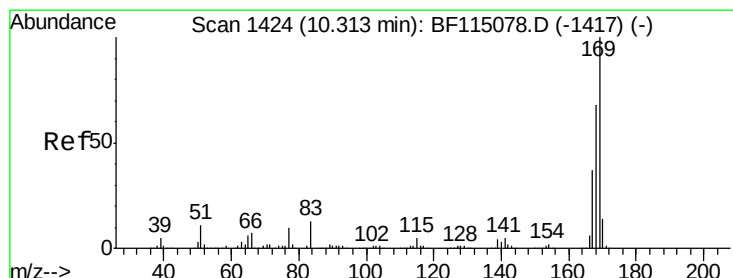
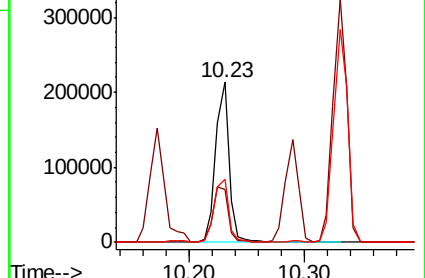
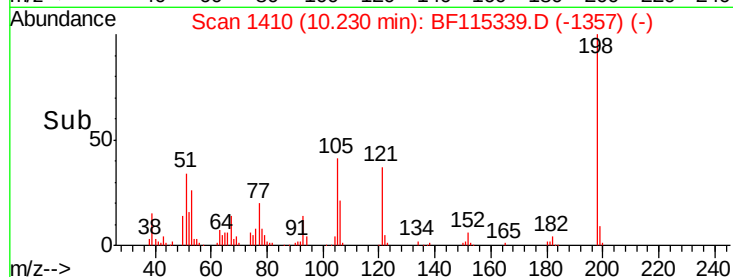
105 39.3 17.3 57.3



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: 39.090 ng

RT: 10.29 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

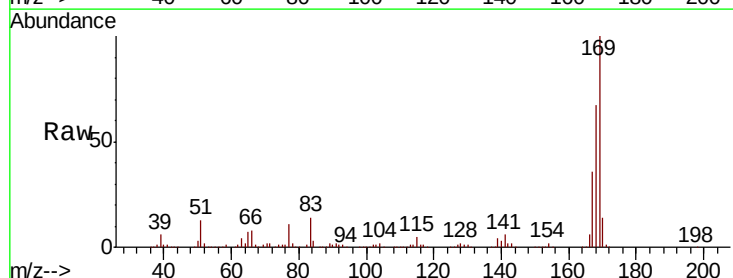
Tgt Ion:169 Resp: 930976

Ion Ratio Lower Upper

169 100

168 67.5 54.2 81.4

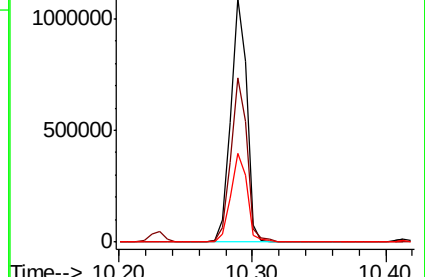
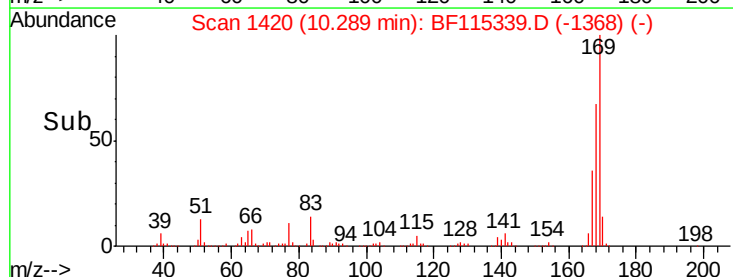
167 36.3 29.4 44.0

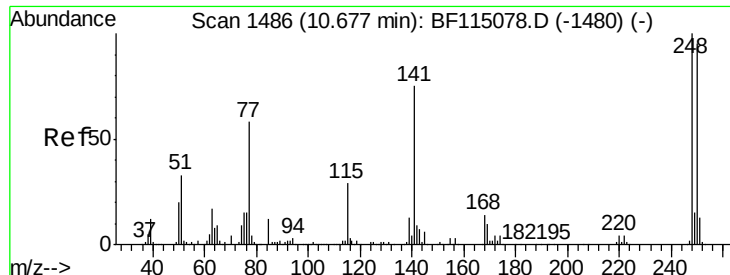


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

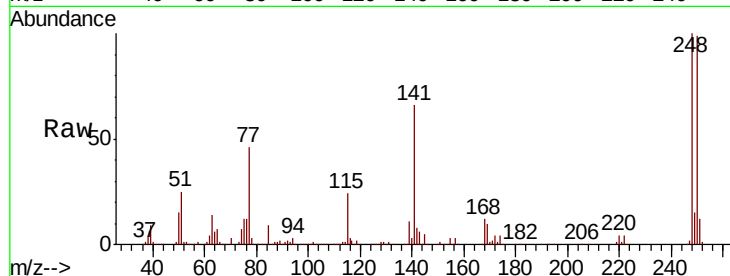




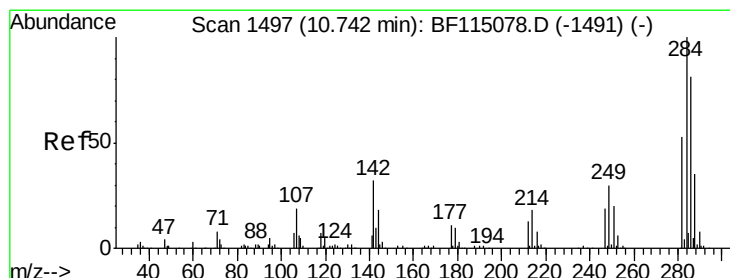
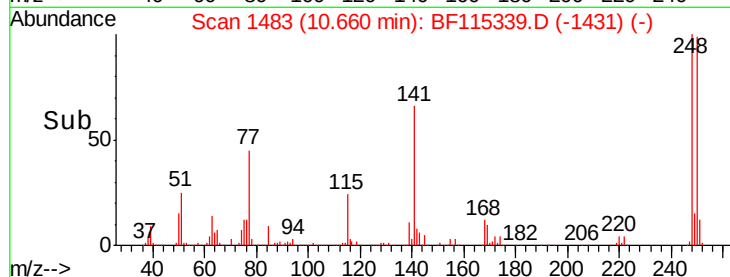
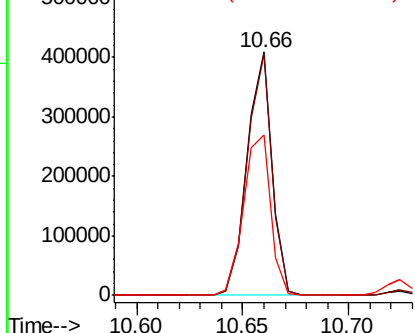
#67
4-Bromophenyl-phenylether
Concen: 40.590 ng
RT: 10.66 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:248 Resp: 336412
Ion Ratio Lower Upper
248 100
250 99.0 76.2 114.2
141 65.7 59.6 89.4

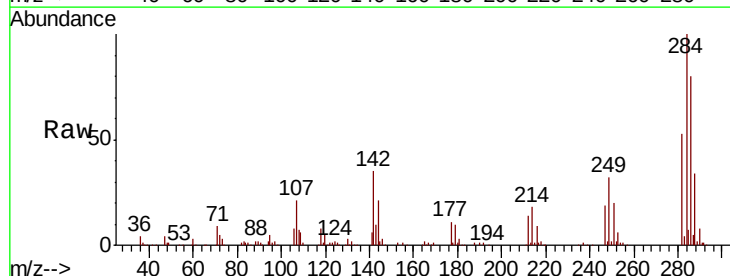


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

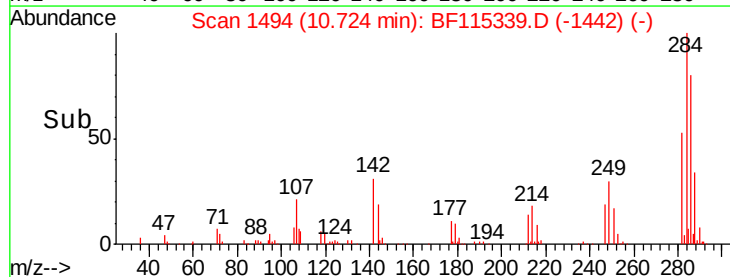
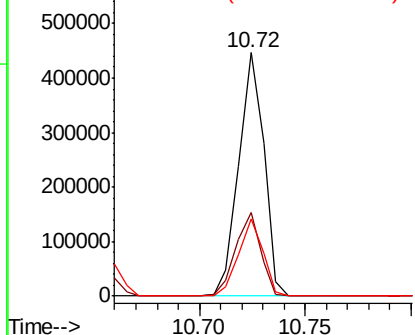


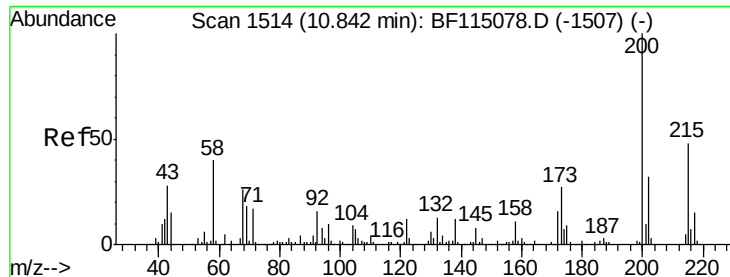
#68
Hexachlorobenzene
Concen: 41.040 ng
RT: 10.72 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Tgt Ion:284 Resp: 369202
Ion Ratio Lower Upper
284 100
142 34.6 25.8 38.8
249 31.5 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

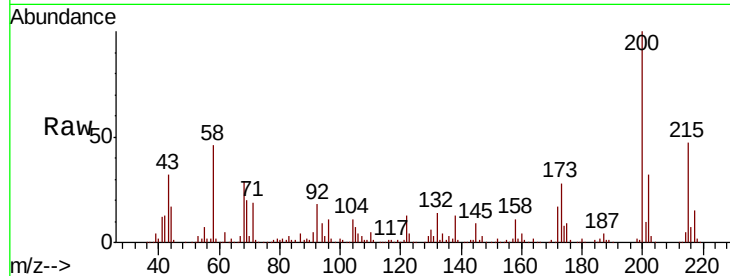




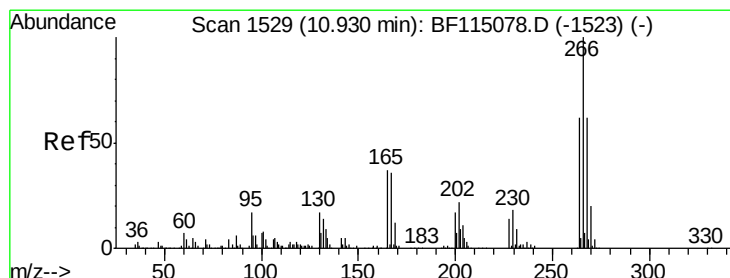
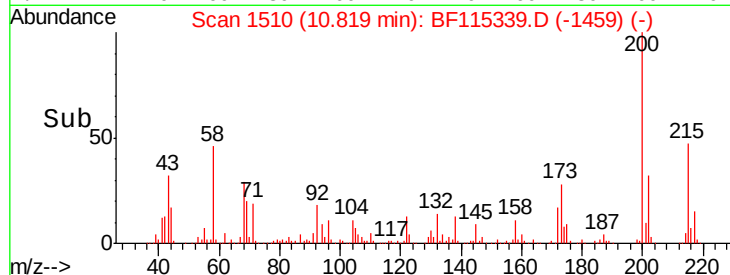
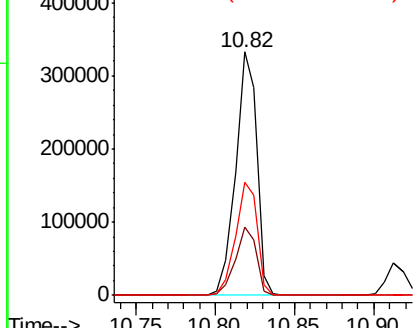
#69
 Atrazine
 Concen: 40.148 ng
 RT: 10.82 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF115339.D
 Acq: 1 Jul 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.4	47.4
215	46.5	27.8	67.8

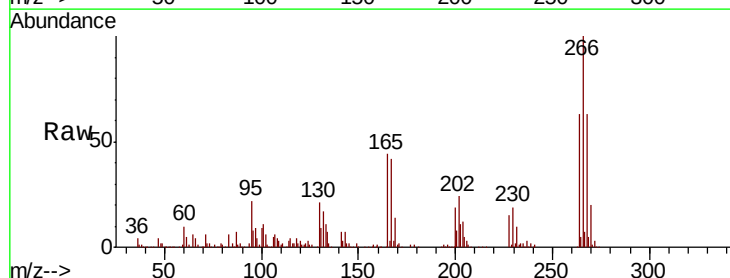


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

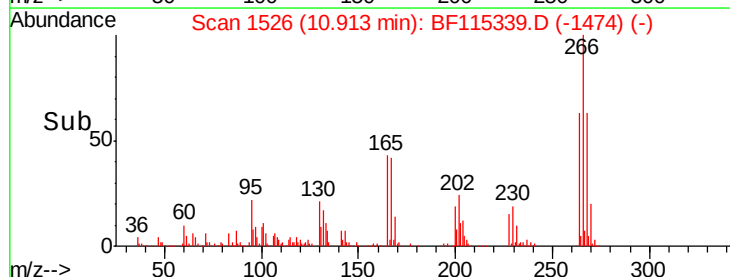
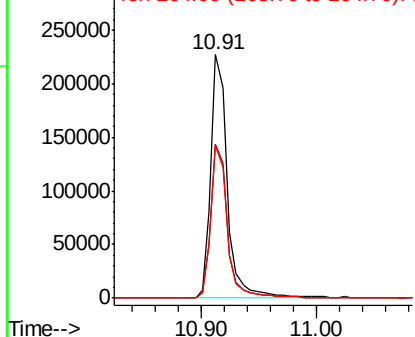


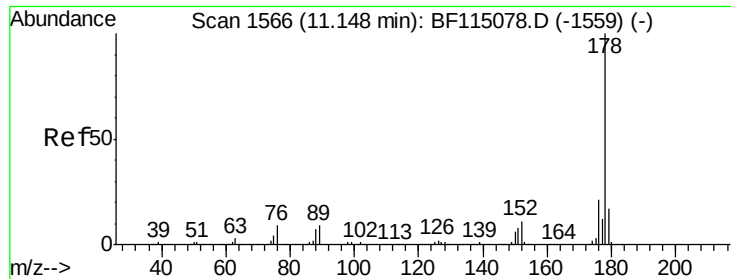
#70
 Pentachlorophenol
 Concen: 39.929 ng
 RT: 10.91 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF115339.D
 Acq: 1 Jul 2019 15:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	49.5	74.3
264	62.7	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

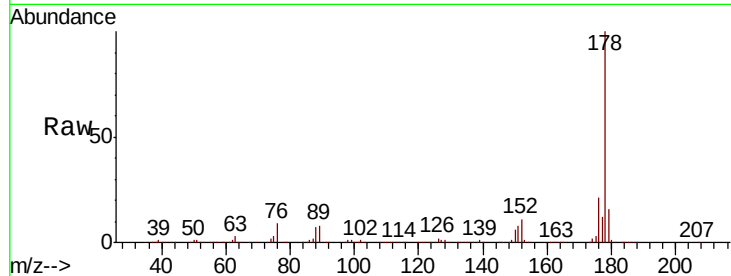




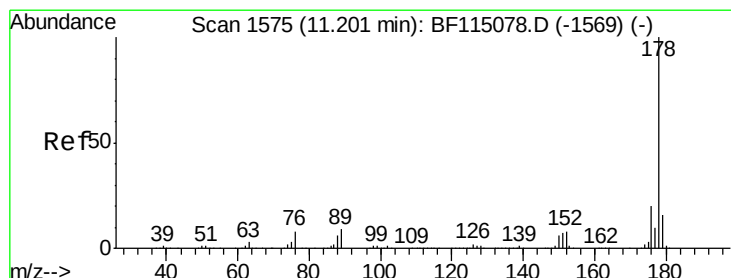
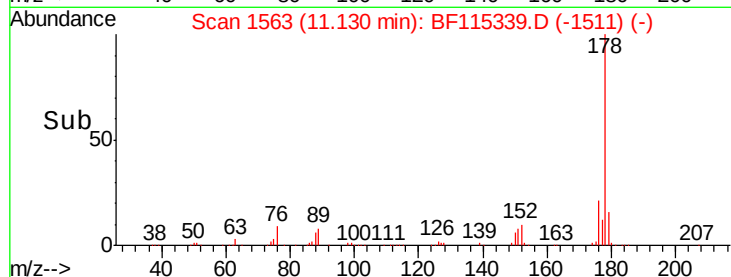
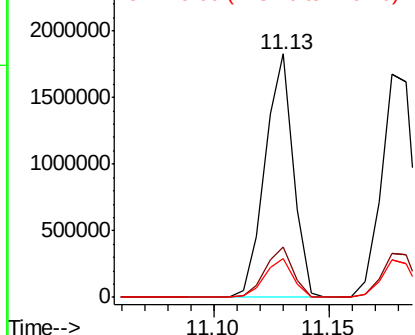
#71
Phenanthrene
Concen: 37.850 ng
RT: 11.13 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:178 Resp: 1557841
Ion Ratio Lower Upper
178 100
176 20.7 16.9 25.3
179 16.2 13.2 19.8

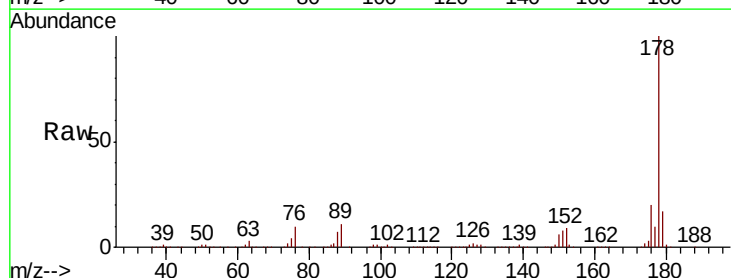


Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

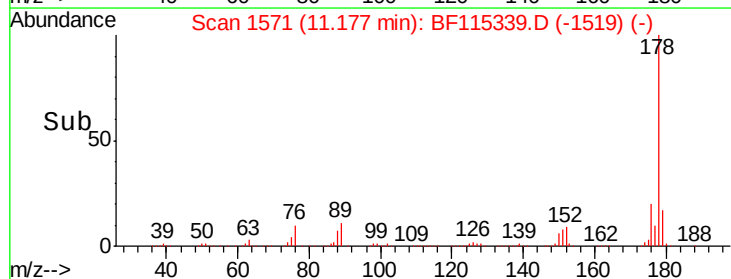
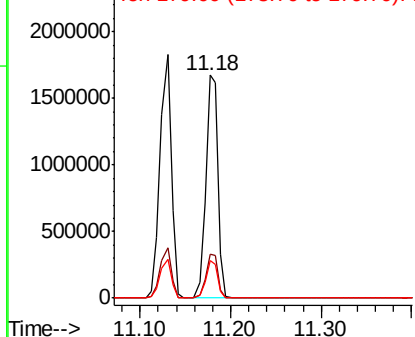


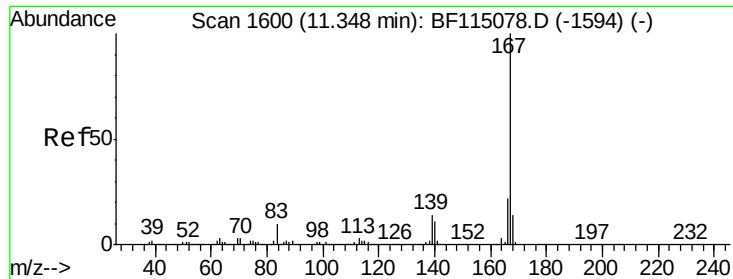
#72
Anthracene
Concen: 38.344 ng
RT: 11.18 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Tgt Ion:178 Resp: 1593055
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 16.6 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



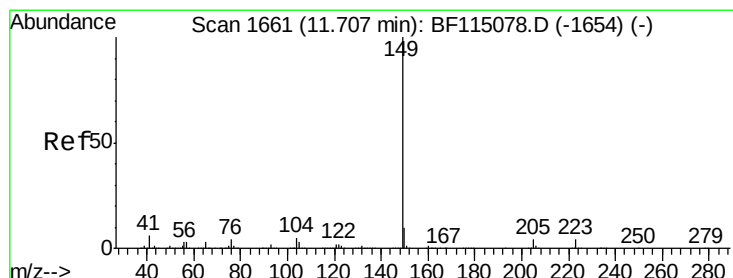
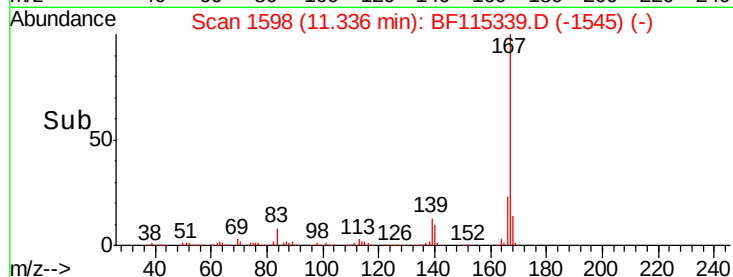
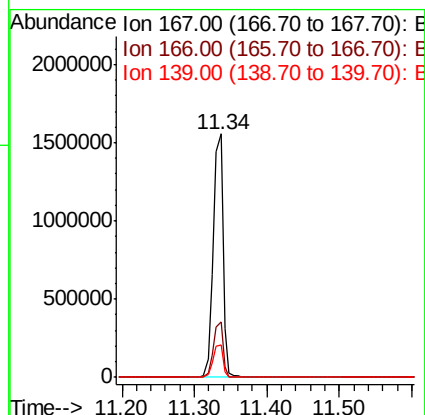
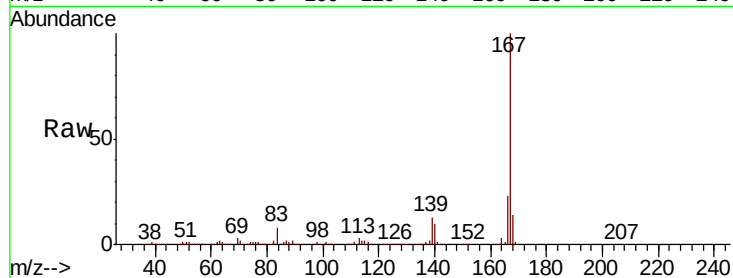


#73
 Carbazole
 Concen: 39.725 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF115339.D
 Acq: 1 Jul 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:167 Resp: 1473787

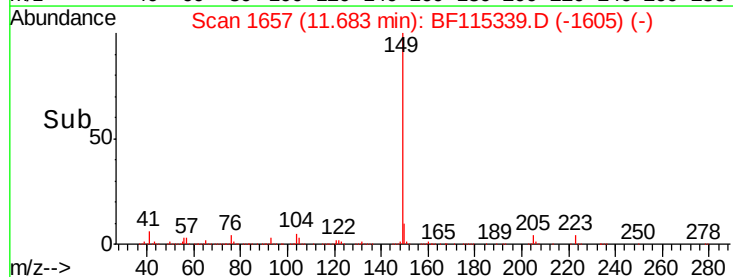
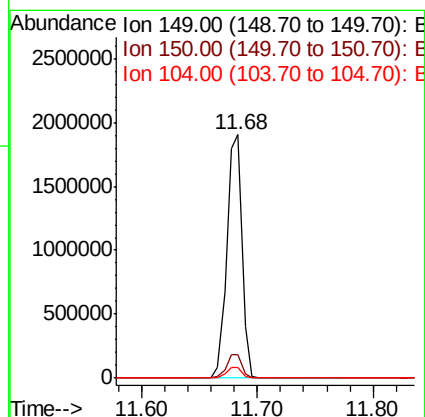
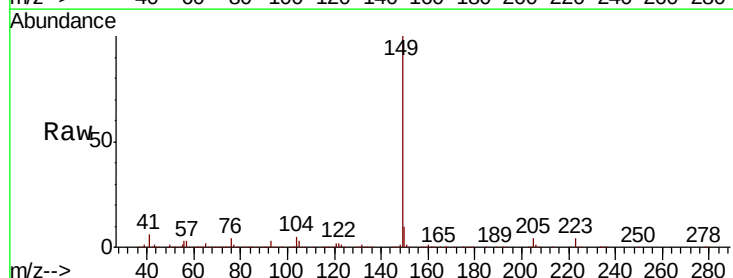
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.0	27.0
139	13.3	11.1	16.7

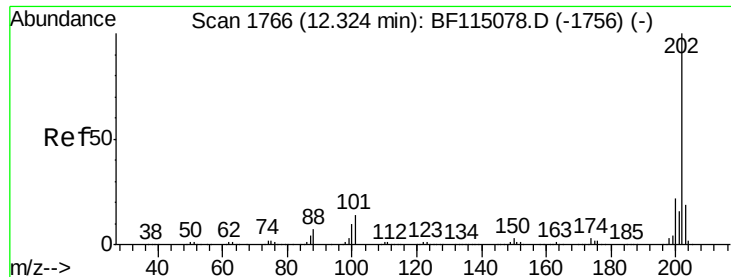


#74
 Di-n-butylphthalate
 Concen: 40.298 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: BF115339.D
 Acq: 1 Jul 2019 15:36

Tgt Ion:149 Resp: 1727616

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.5	3.7	5.5

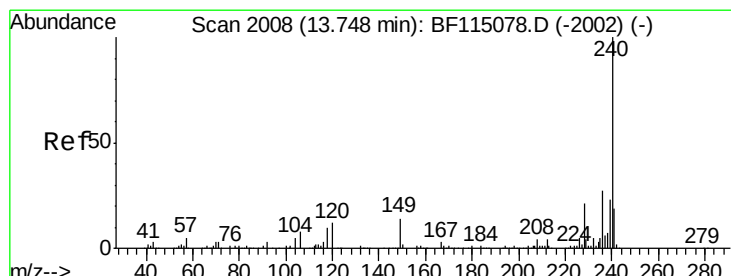
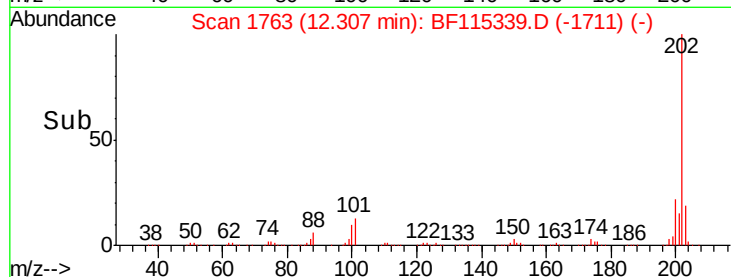
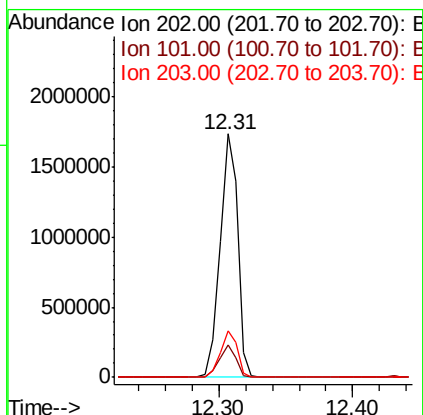
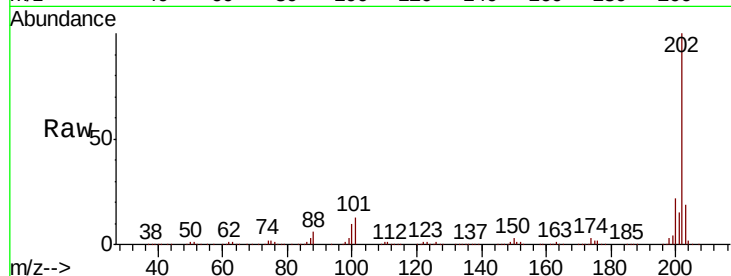




#75
Fluoranthene
Concen: 39.467 ng
RT: 12.31 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

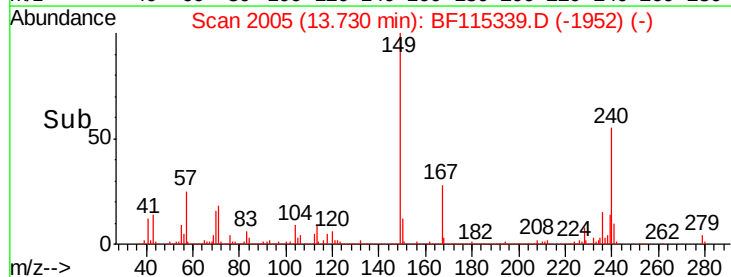
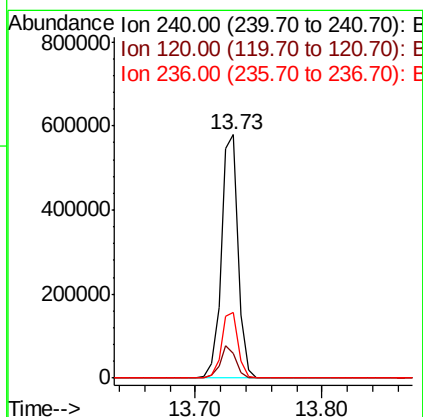
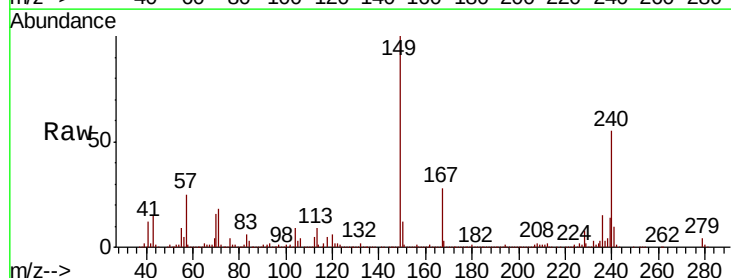
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

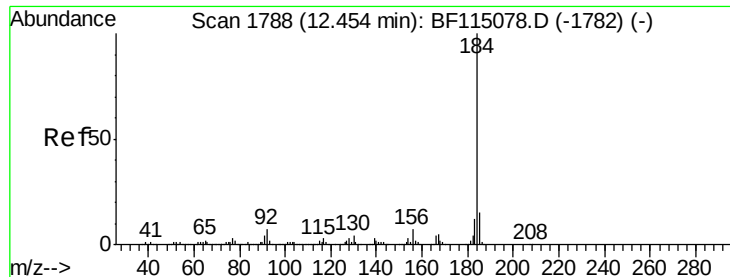
Tot Ion:202 Resp: 1620751
Ion Ratio Lower Upper
202 100
101 13.5 0.0 34.0
203 18.9 0.0 38.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.73 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Tgt Ion:240 Resp: 532951
Ion Ratio Lower Upper
240 100
120 10.3 9.4 14.2
236 26.8 21.7 32.5





#77

Benzidine

Concen: 36.433 ng

RT: 12.43 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

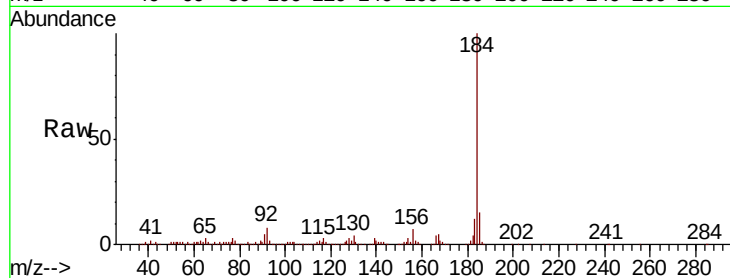
Tot Ion:184 Resp: 862196

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.2	18.2
183	11.7	9.6	14.4

184 100

185 15.4 12.2 18.2

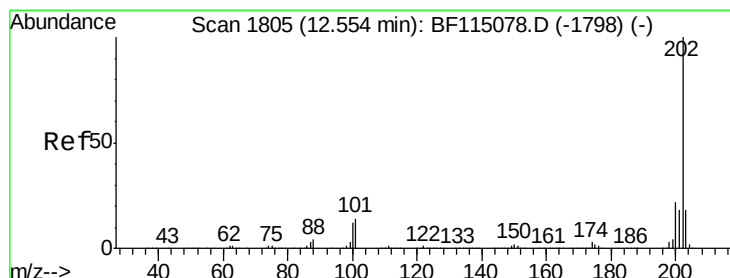
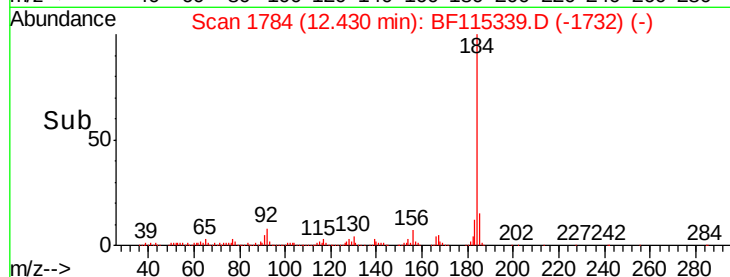
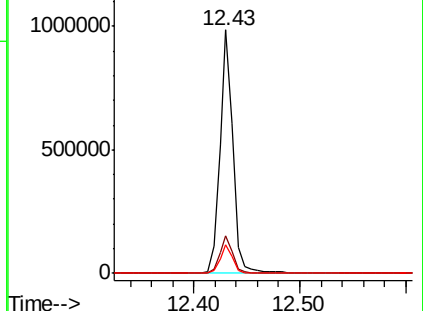
183 11.7 9.6 14.4



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: 40.136 ng

RT: 12.54 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

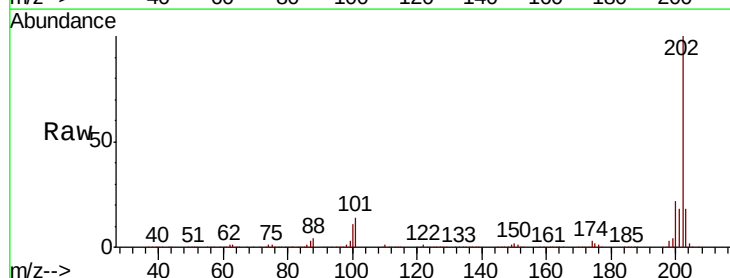
Tgt Ion:202 Resp: 1643858

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.9	26.9
203	18.3	14.6	21.8

202 100

200 22.5 17.9 26.9

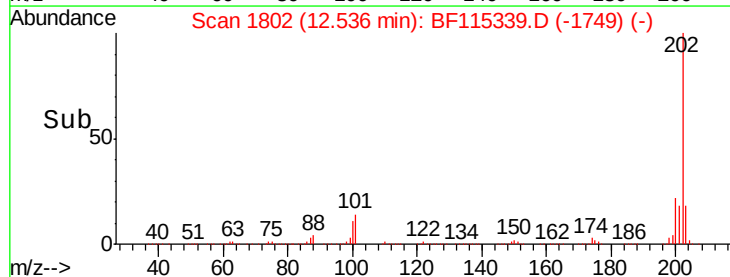
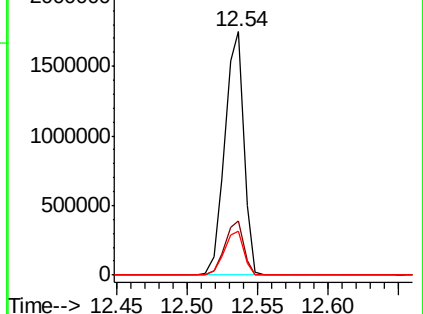
203 18.3 14.6 21.8

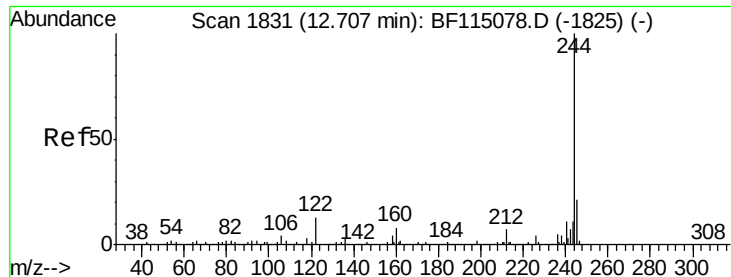


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.724 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

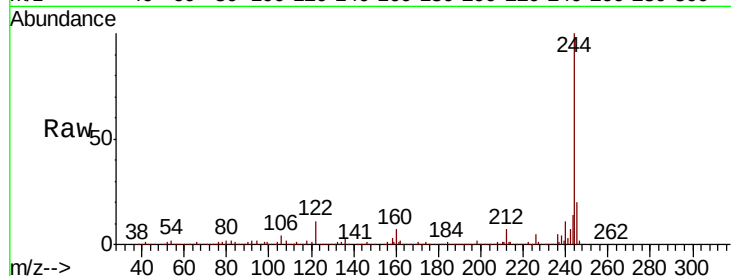
Tot Ion:244 Resp: 2098669

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

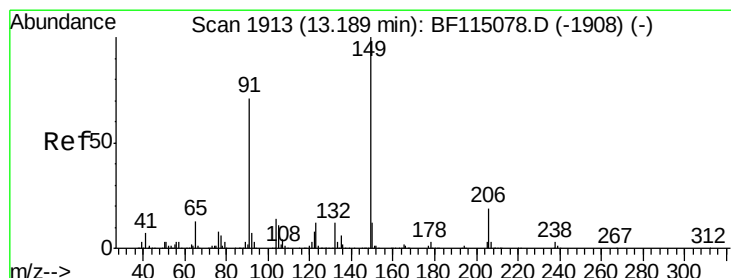
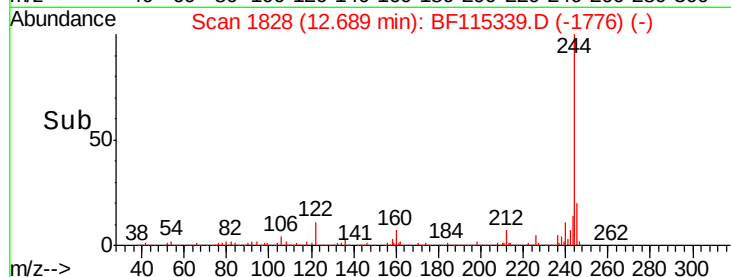
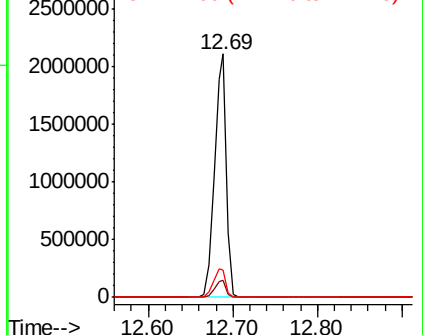
122 11.4 10.4 15.6



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: 41.756 ng

RT: 13.17 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

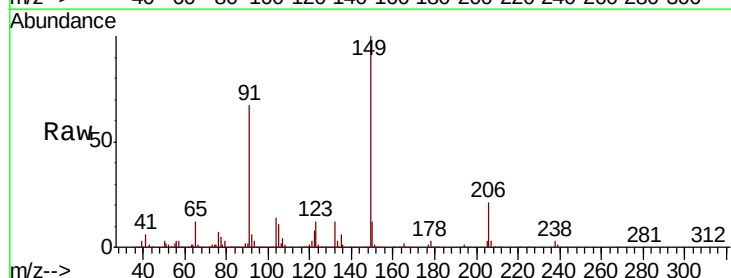
Tgt Ion:149 Resp: 754735

Ion Ratio Lower Upper

149 100

91 66.8 56.5 84.7

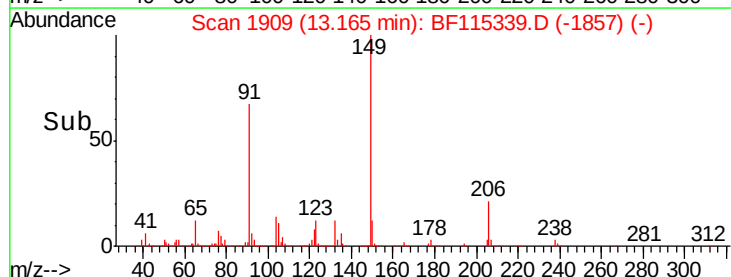
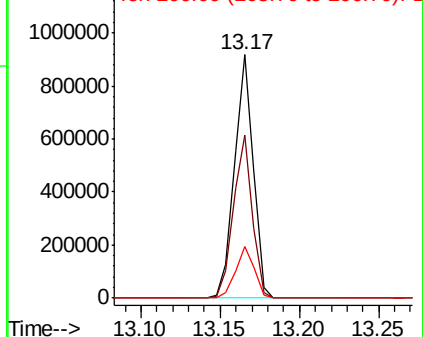
206 21.1 15.3 22.9

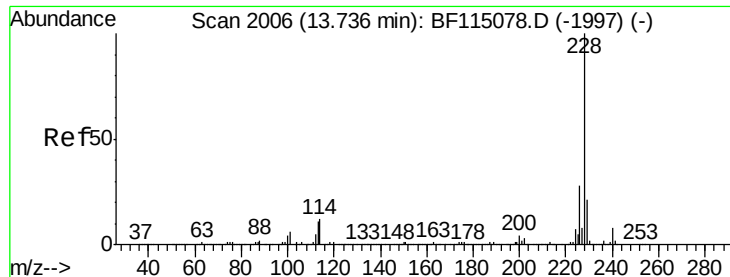


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.437 ng

RT: 13.72 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

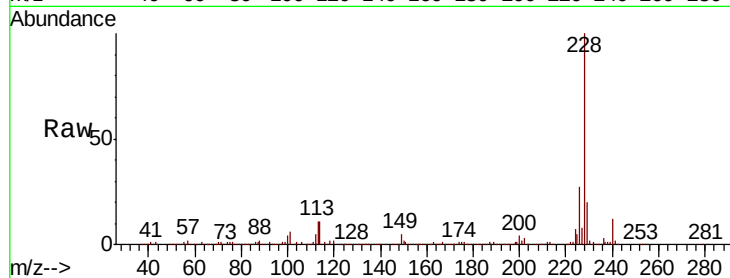
Tot Ion:228 Resp: 1546347

Ion Ratio Lower Upper

228 100

226 27.4 22.5 33.7

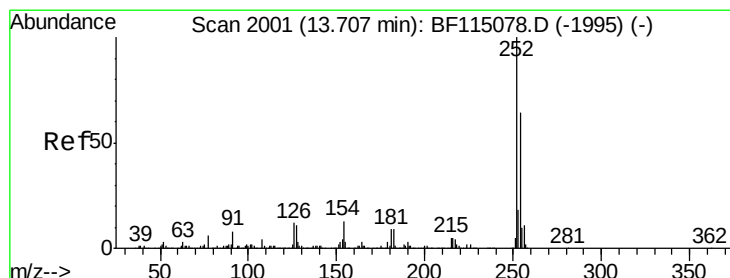
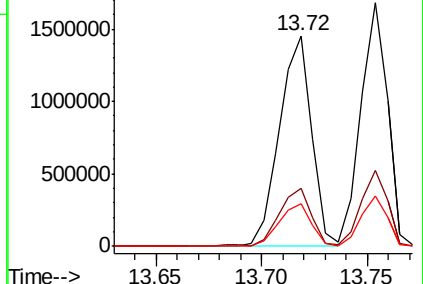
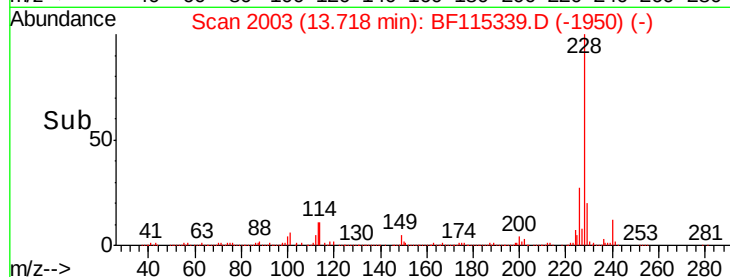
229 20.4 16.6 24.8



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: 42.953 ng

RT: 13.68 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

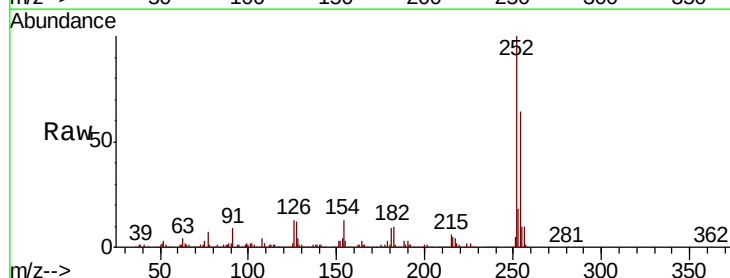
Tgt Ion:252 Resp: 593163

Ion Ratio Lower Upper

252 100

254 64.2 51.1 76.7

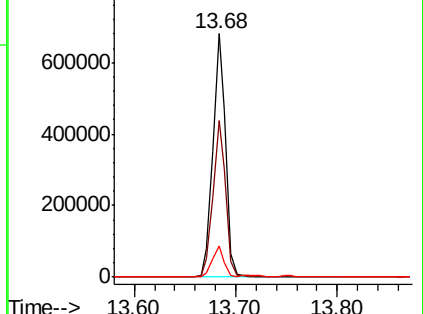
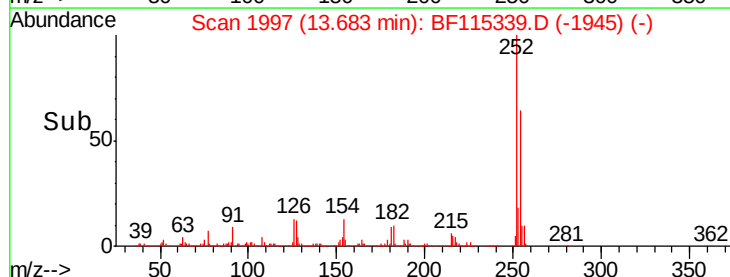
126 12.6 9.4 14.0

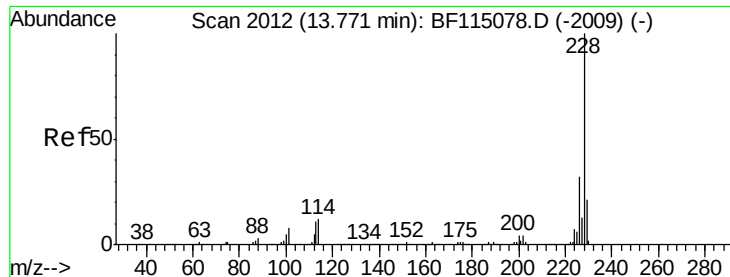


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.174 ng

RT: 13.75 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

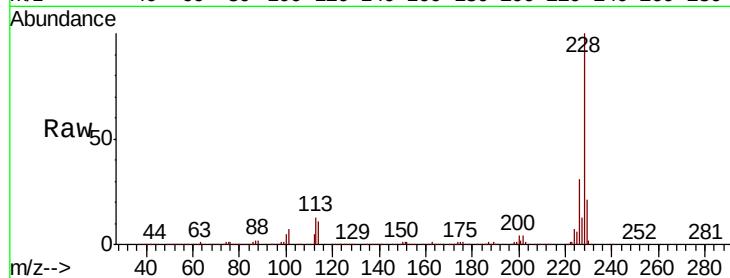
Tot Ion:228 Resp: 1477349

Ion Ratio Lower Upper

228 100

226 31.4 25.4 38.0

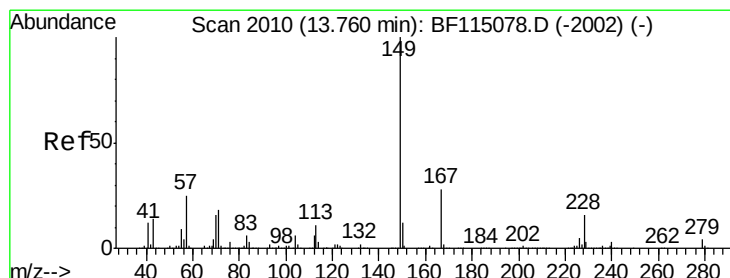
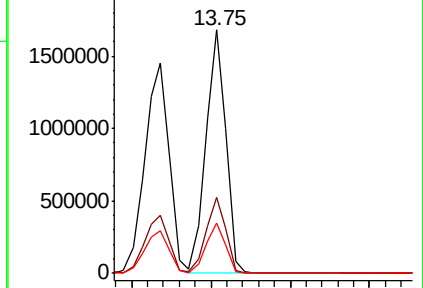
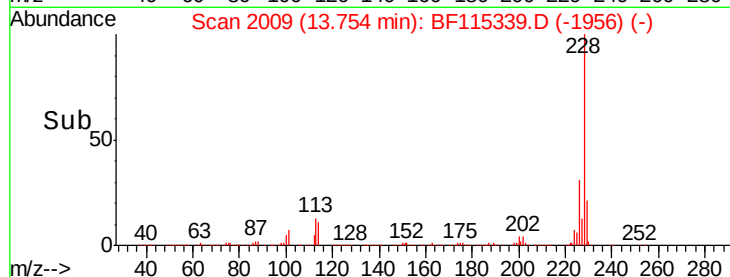
229 20.7 16.5 24.7



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: 41.529 ng

RT: 13.73 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

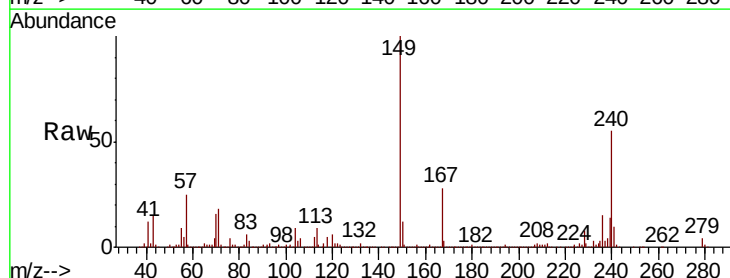
Tgt Ion:149 Resp: 983582

Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.4

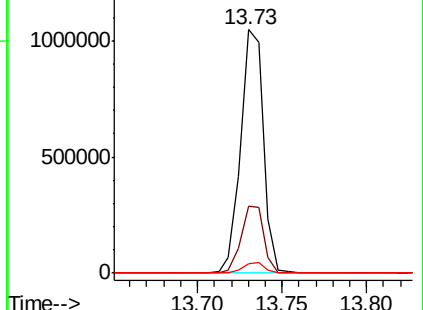
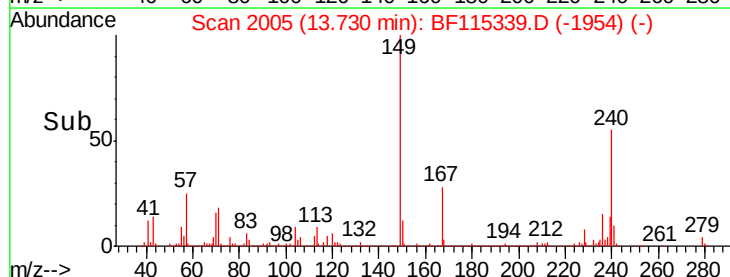
279 3.7 2.9 4.3

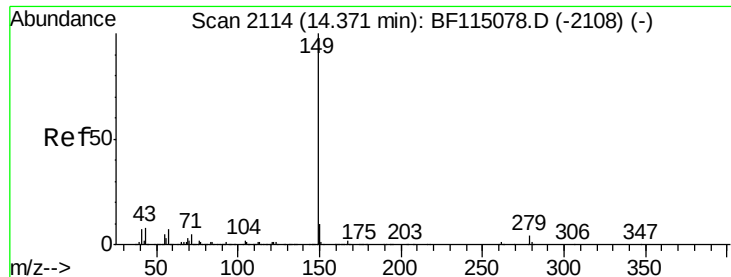


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

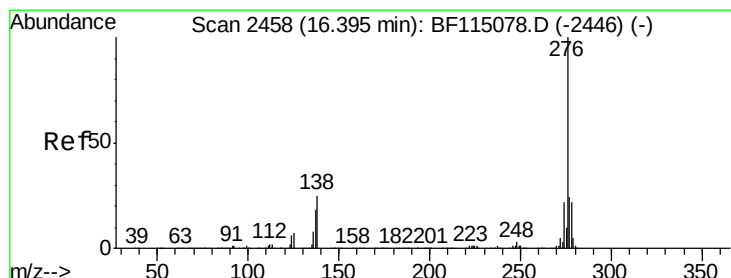
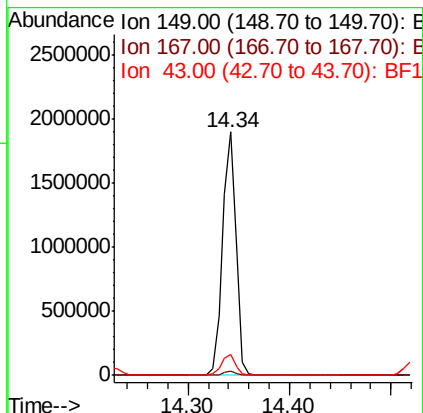
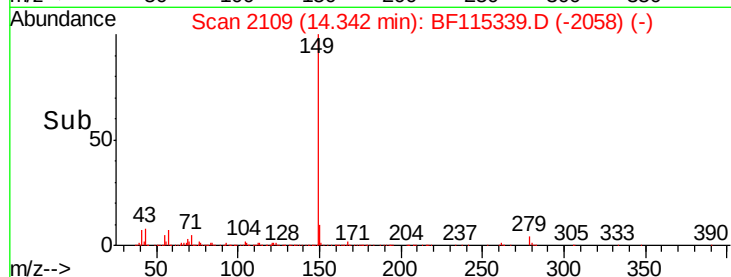
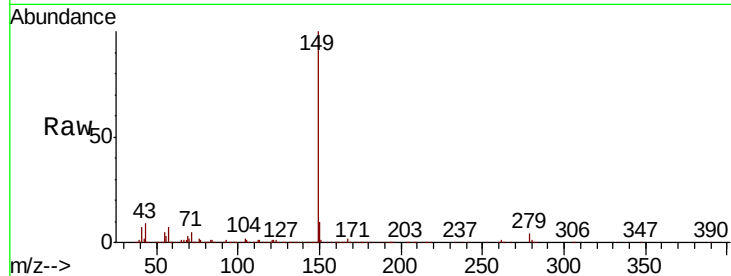




#85
Di-n-octyl phthalate
Concen: 43.354 ng
RT: 14.34 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

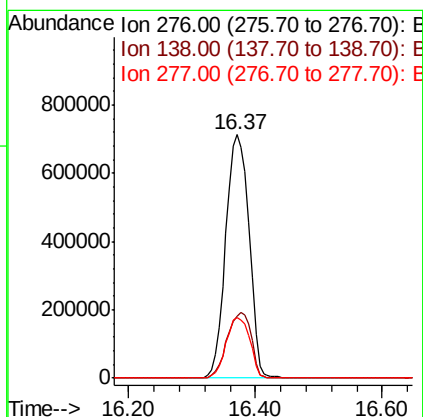
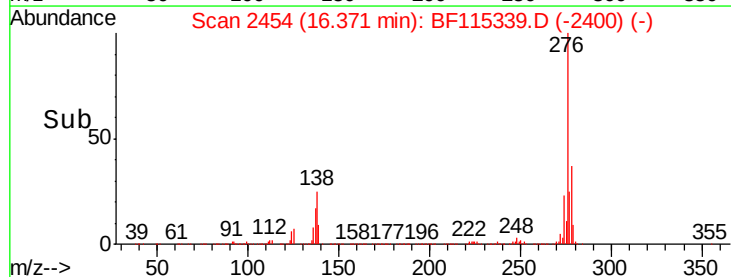
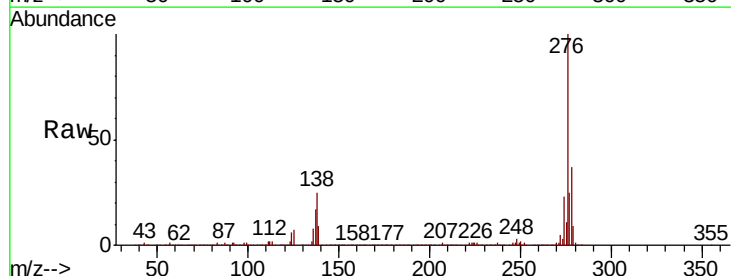
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

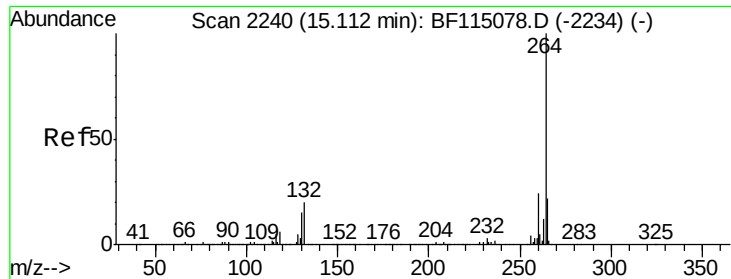
Tot Ion:149 Resp: 1725186
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.6 7.0 10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.850 ng
RT: 16.37 min Scan# 2454
Delta R.T. 0.02 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Tgt Ion:276 Resp: 1817582
Ion Ratio Lower Upper
276 100
138 27.9 23.2 34.8
277 25.5 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

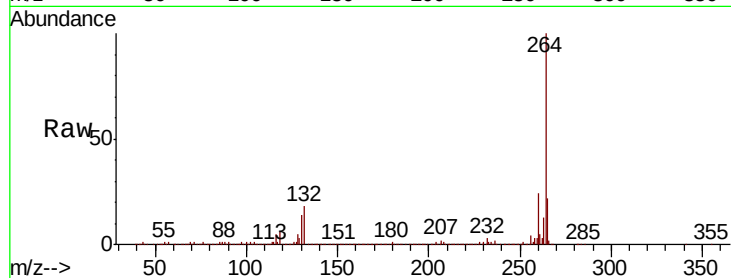
Tot Ion:264 Resp: 670496

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

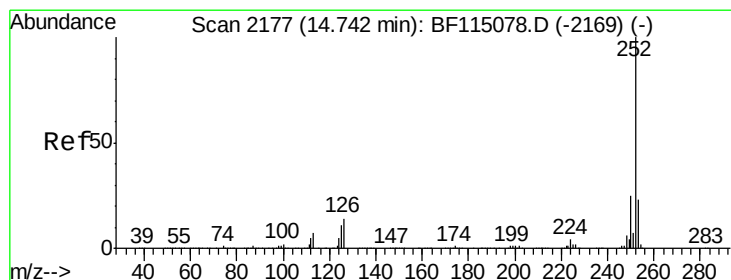
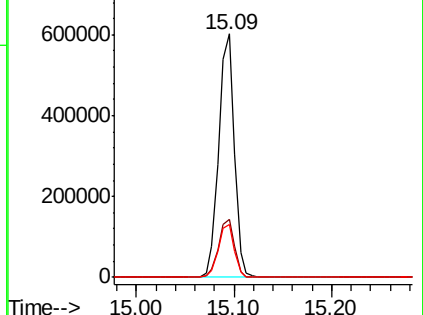
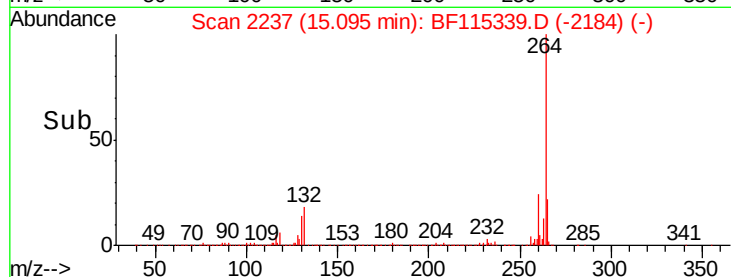
265 21.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.066 ng

RT: 14.72 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BF115339.D

Acq: 1 Jul 2019 15:36

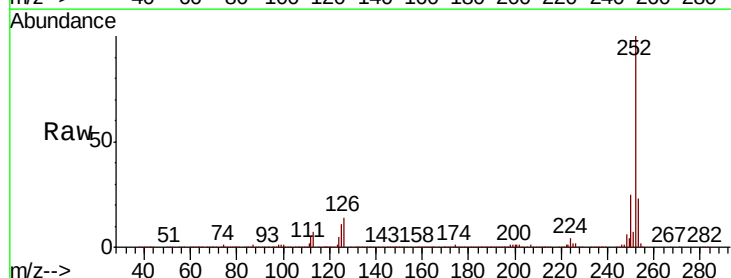
Tgt Ion:252 Resp: 1676255

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

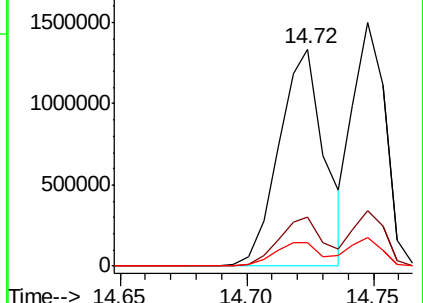
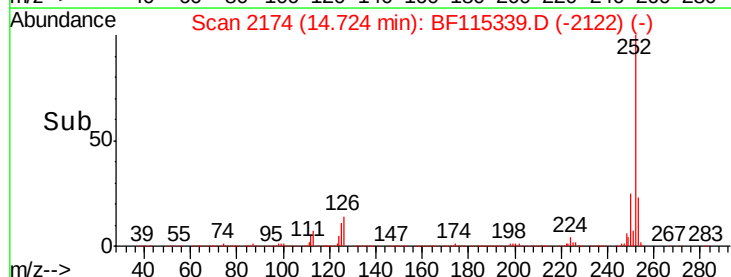
125 10.7 8.7 13.1

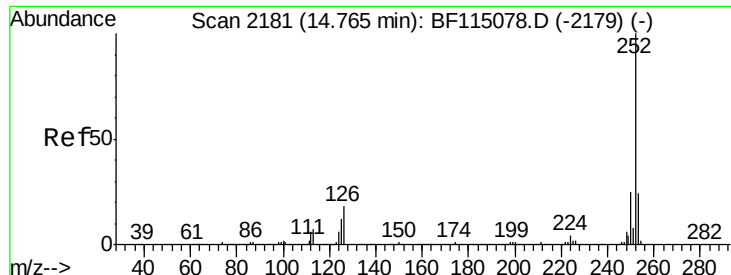


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

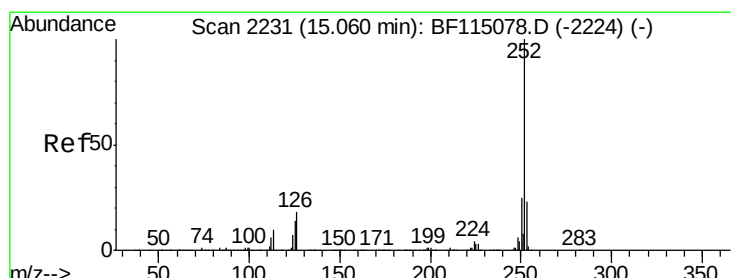
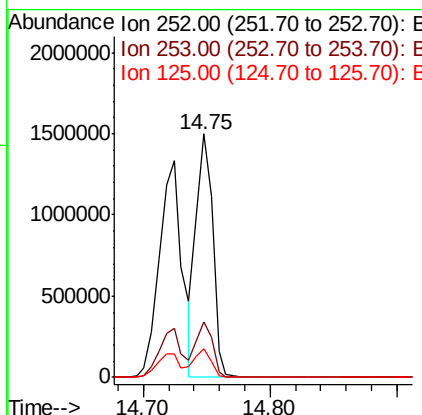
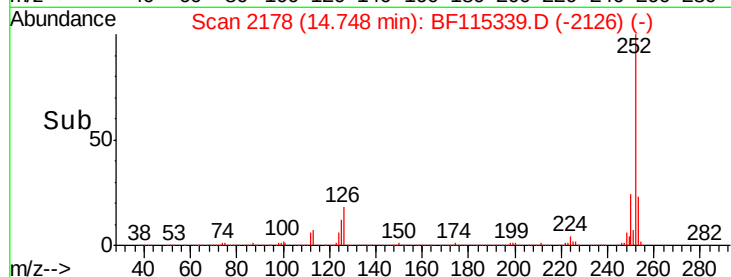
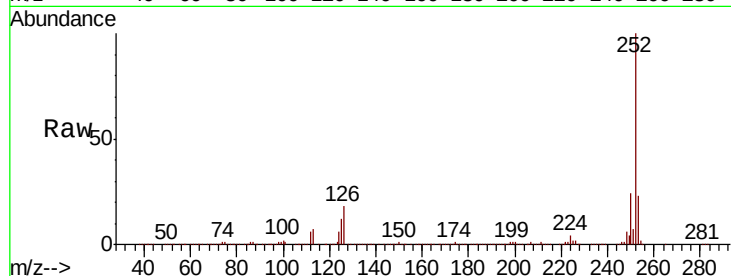




#89
Benzo(k)fluoranthene
Concen: 35.797 ng
RT: 14.75 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

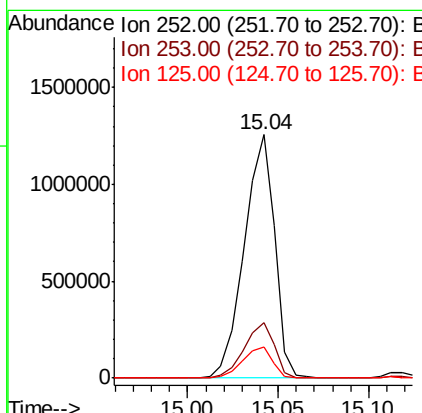
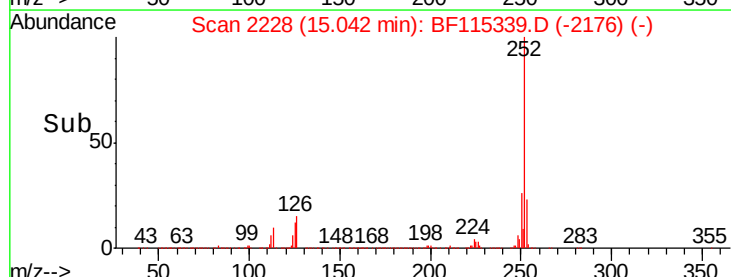
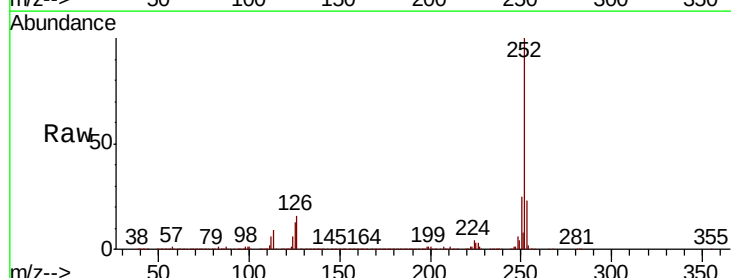
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

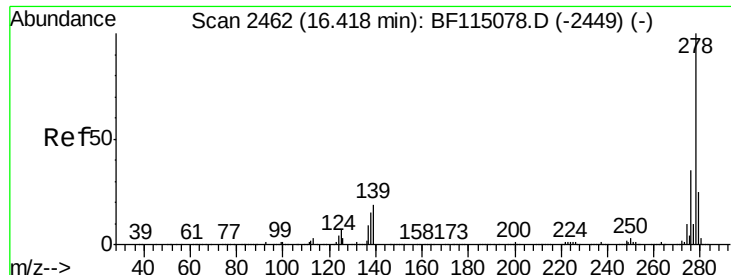
Tot Ion:252 Resp: 1343064
Ion Ratio Lower Upper
252 100
253 22.8 18.9 28.3
125 11.9 10.2 15.2



#90
Benzo(a)pyrene
Concen: 38.851 ng
RT: 15.04 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Tgt Ion:252 Resp: 1464987
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 12.5 10.9 16.3

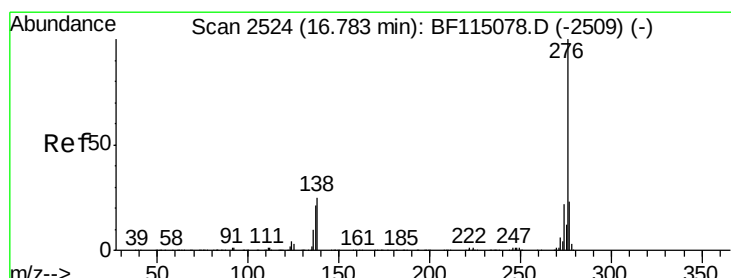
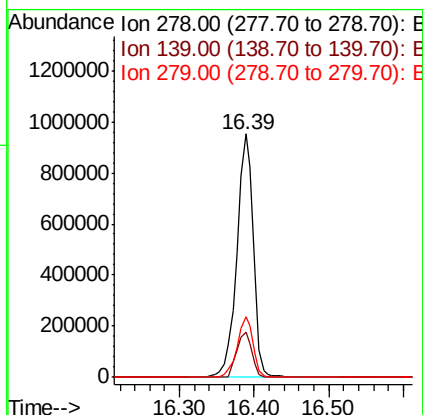
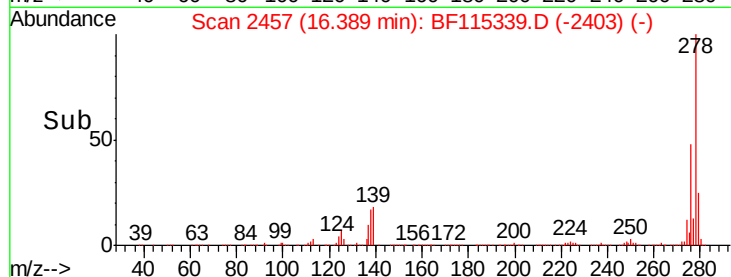
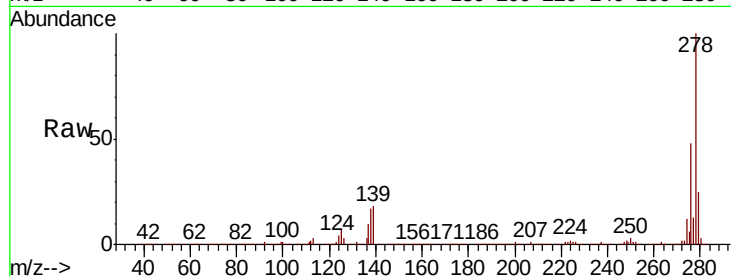




#91
Dibenzo(a,h)anthracene
Concen: 41.423 ng
RT: 16.39 min Scan# 2457
Delta R.T. 0.02 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:278 Resp: 1458210
Ion Ratio Lower Upper
278 100
139 18.5 15.4 23.2
279 24.7 19.9 29.9



#92
Benzo(g,h,i)perylene
Concen: 42.223 ng
RT: 16.76 min Scan# 2520
Delta R.T. 0.02 min
Lab File: BF115339.D
Acq: 1 Jul 2019 15:36

Tgt Ion:276 Resp: 1504383
Ion Ratio Lower Upper
276 100
277 24.2 18.6 28.0
138 23.3 19.8 29.6

