

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115083.D
 Acq On : 21 Jun 2019 17:44
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 19:26:13 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 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	197742	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	815963	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	403968	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	798922	20.00	ng	0.00
76) Chrysene-d12	13.75	240	619643	20.00	ng	0.00
87) Perylene-d12	15.12	264	718406	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1057784	82.55	ng	0.00
7) Phenol-d6	6.25	99	1295131	83.27	ng	0.00
23) Nitrobenzene-d5	7.18	82	1111576	83.80	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	368275	86.45	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2049504	86.18	ng	0.00
79) Terphenyl-d14	12.71	244	2279416	78.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	253296	41.884	ng	98
3) Pyridine	2.84	79	689719	40.464	ng	100
4) n-Nitrosodimethylamine	2.79	42	270806	40.527	ng	99
6) Aniline	6.28	93	886542	41.474	ng	100
8) 2-Chlorophenol	6.40	128	601041	41.714	ng	98
9) Benzaldehyde	6.16	77	419155	41.308	ng	97
10) Phenol	6.27	94	753631	41.366	ng	100
11) bis(2-Chloroethyl)ether	6.36	93	556825	41.463	ng	100
12) 1,3-Dichlorobenzene	6.56	146	667948	41.770	ng	99
13) 1,4-Dichlorobenzene	6.64	146	670287	41.801	ng	100
14) 1,2-Dichlorobenzene	6.79	146	627327	42.245	ng	99
15) Benzyl Alcohol	6.77	79	476424	42.067	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.91	45	805418	41.350	ng	100
17) 2-Methylphenol	6.88	107	487709	41.007	ng	99
18) Hexachloroethane	7.14	117	240290	41.565	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	407983	40.973	ng	97
20) 3+4-Methylphenols	7.04	107	573806	41.783	ng	97
22) Acetophenone	7.03	105	766845	41.051	ng	99
24) Nitrobenzene	7.20	77	608882	41.667	ng	100
25) Isophorone	7.45	82	1100843	40.513	ng	99
26) 2-Nitrophenol	7.52	139	309024	42.821	ng	98
27) 2,4-Dimethylphenol	7.56	122	490959	41.551	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	713321	41.534	ng	99
29) 2,4-Dichlorophenol	7.76	162	504596	41.382	ng	99
30) 1,2,4-Trichlorobenzene	7.85	180	563065	41.805	ng	98
31) Naphthalene	7.92	128	1698933	42.417	ng	100
32) Benzoic acid	7.68	122	321073	38.068	ng	100
33) 4-Chloroaniline	7.97	127	736255	40.221	ng	98
34) Hexachlorobutadiene	8.05	225	311177	42.159	ng	99
35) Caprolactam	8.35	113	167538	40.867	ng	98
36) 4-Chloro-3-methylphenol	8.45	107	506304	41.000	ng	99
37) 2-Methylnaphthalene	8.61	142	1142278	42.297	ng	100
38) 1-Methylnaphthalene	8.71	142	1088179	42.189	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	487517	42.707	ng	99

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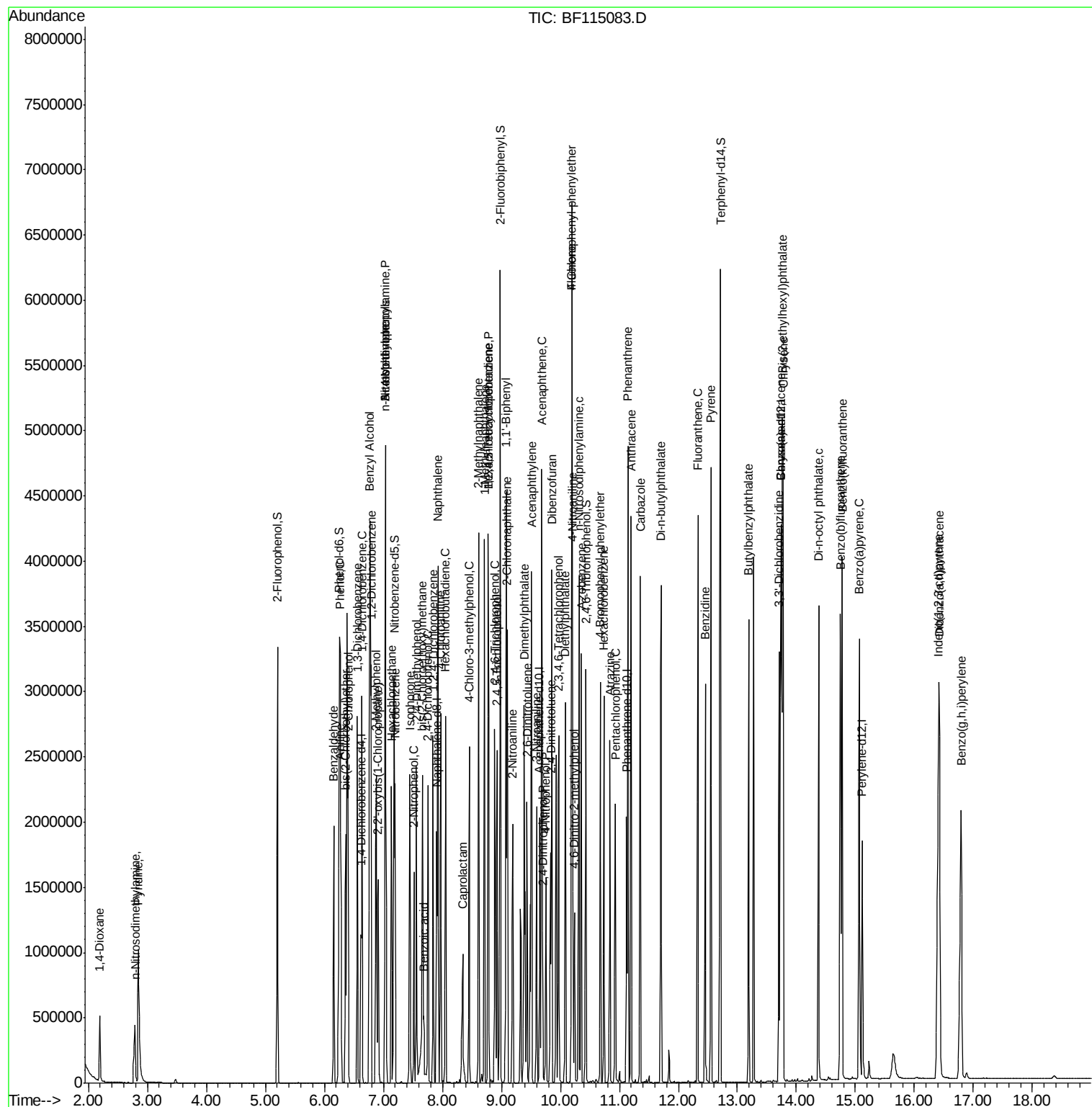
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.78	237	282528	41.739	ng	99
43) 2,4,6-Trichlorophenol	8.89	196	368767	41.843	ng	100
44) 2,4,5-Trichlorophenol	8.92	196	372258	41.016	ng	99
46) 1,1'-Biphenyl	9.08	154	1320096	40.841	ng	99
47) 2-Chloronaphthalene	9.10	162	1099467	41.934	ng	100
48) 2-Nitroaniline	9.19	65	333232	43.594	ng	100
49) Acenaphthylene	9.51	152	1720175	42.109	ng	100
50) Dimethylphthalate	9.38	163	1258058	42.329	ng	100
51) 2,6-Dinitrotoluene	9.44	165	291633	42.502	ng	99
52) Acenaphthene	9.68	154	1080078	42.253	ng	99
53) 3-Nitroaniline	9.60	138	352585	42.108	ng	100
54) 2,4-Dinitrophenol	9.70	184	132524	41.432	ng	97
55) Dibenzofuran	9.85	168	1499946	40.883	ng	99
56) 4-Nitrophenol	9.75	139	289451	43.118	ng	100
57) 2,4-Dinitrotoluene	9.84	165	384326	43.379	ng	99
58) Fluorene	10.20	166	1068386	43.522	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	325112	42.720	ng	99
60) Diethylphthalate	10.08	149	1265902	42.373	ng	99
61) 4-Chlorophenyl-phenylether	10.20	204	510407	43.787	ng	98
62) 4-Nitroaniline	10.21	138	354944	42.254	ng	97
63) Azobenzene	10.35	77	1173736	42.062	ng	99
65) 4,6-Dinitro-2-methylphenol	10.24	198	174958	41.865	ng	76
66) n-Nitrosodiphenylamine	10.31	169	1039375	41.758	ng	98
67) 4-Bromophenyl-phenylether	10.68	248	363737	41.993	ng	99
68) Hexachlorobenzene	10.74	284	394385	41.947	ng	99
69) Atrazine	10.84	200	324675	40.550	ng	100
70) Pentachlorophenol	10.93	266	258591	43.172	ng	99
71) Phenanthrene	11.15	178	1734686	40.327	ng	100
72) Anthracene	11.20	178	1761972	40.579	ng	100
73) Carbazole	11.35	167	1625222	41.916	ng	100
74) Di-n-butylphthalate	11.71	149	1927798	43.027	ng	100
75) Fluoranthene	12.33	202	1844353	42.974	ng	97
77) Benzidine	12.45	184	1063703	38.660	ng	# 95
78) Pyrene	12.55	202	1881465	39.510	ng	99
80) Butylbenzylphthalate	13.19	149	860830	40.962	ng	93
81) Benzo(a)anthracene	13.74	228	1805007	40.597	ng	99
82) 3,3'-Dichlorobenzidine	13.71	252	657899	40.976	ng	98
83) Chrysene	13.78	228	1643662	40.357	ng	100
84) Bis(2-ethylhexyl)phthalate	13.77	149	1141650	41.460	ng	# 99
85) Di-n-octyl phthalate	14.38	149	1940210	41.936	ng	100
86) Indeno(1,2,3-cd)pyrene	16.41	276	2044437	42.422	ng	100
88) Benzo(b)fluoranthene	14.75	252	1841371	41.078	ng	99
89) Benzo(k)fluoranthene	14.78	252	1621879	40.346	ng	98
90) Benzo(a)pyrene	15.07	252	1687754	41.773	ng	98
91) Dibenzo(a,h)anthracene	16.42	278	1665983	44.169	ng	99
92) Benzo(g,h,i)perylene	16.79	276	1670394	43.756	ng	99

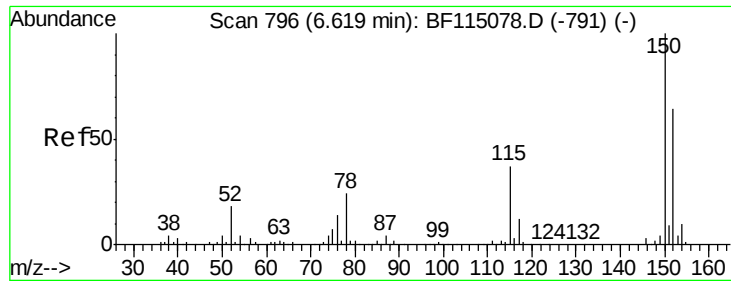
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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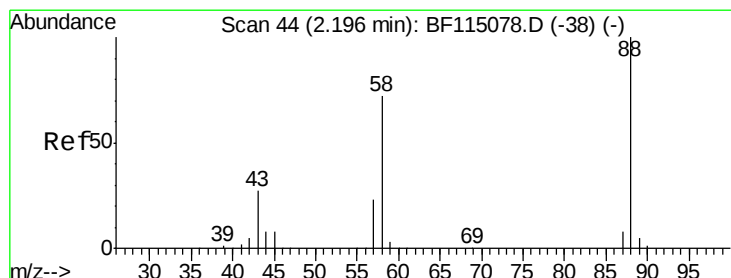
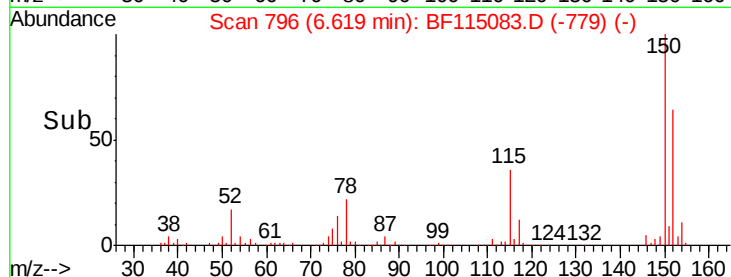
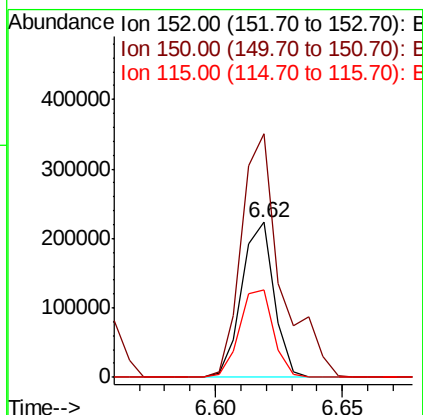
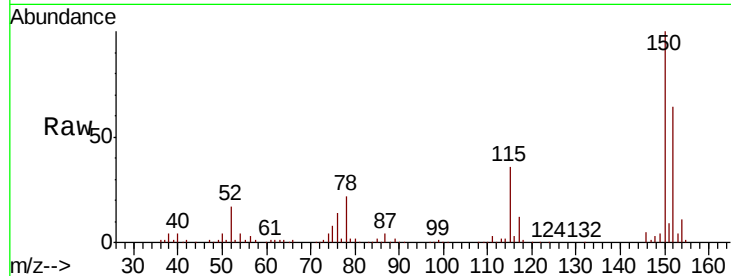


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Instrument :
BNA_F
ClientSampleId :

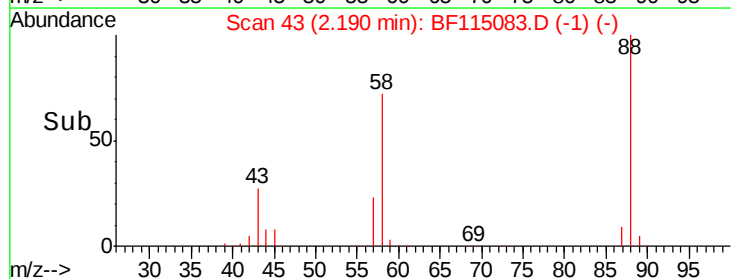
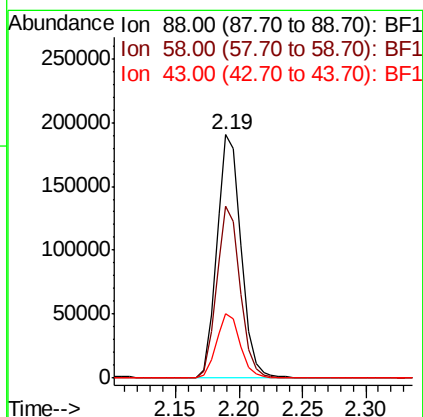
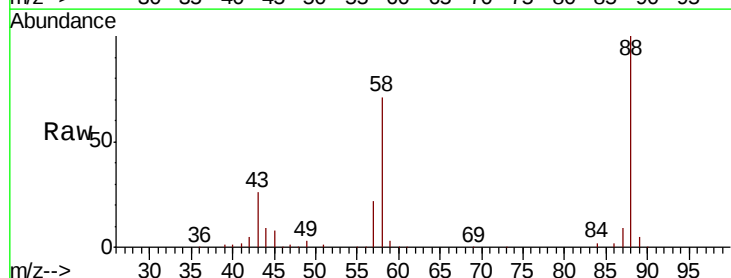
Tot Ion:152 Resp: 197742
Ion Ratio Lower Upper
152 100
150 157.2 124.2 186.2
115 56.4 46.1 69.1

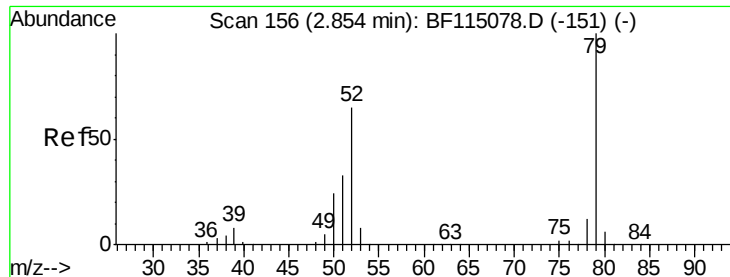


#2

1,4-Dioxane
Concen: 41.884 ng
RT: 2.19 min Scan# 43
Delta R.T. -0.01 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion: 88 Resp: 253296
Ion Ratio Lower Upper
88 100
58 68.2 56.1 84.1
43 26.1 21.3 31.9





#3

Pvridine

Concen: 40.464 ng

RT: 2.84 min Scan# 154

Delta R.T. -0.01 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Instrument :
BNA_F
ClientSampled :

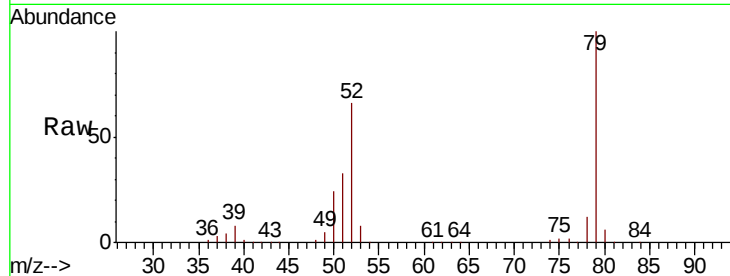
Tot Ion: 79 Resp: 689719

Ion Ratio Lower Upper

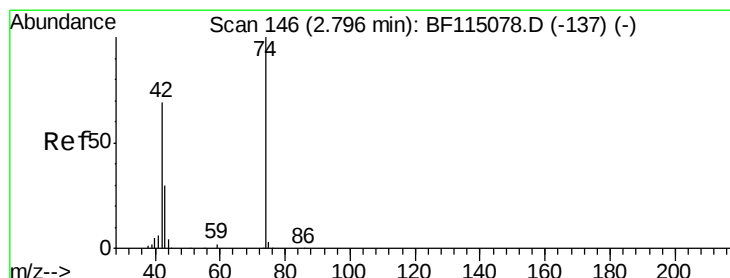
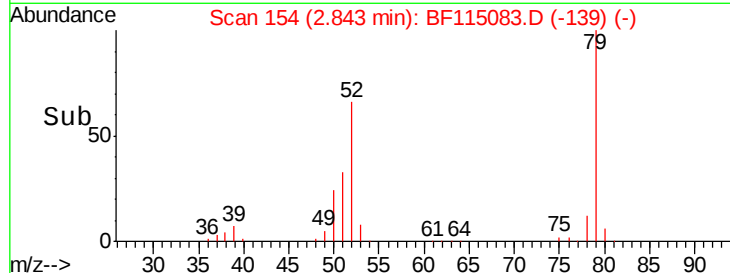
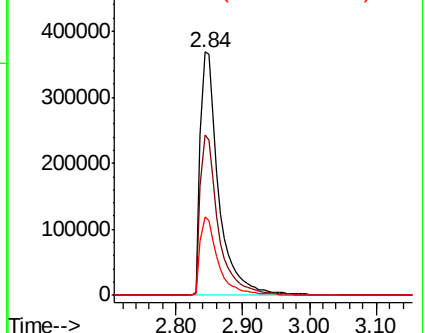
79 100

52 65.8 52.3 78.5

51 32.5 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: 40.527 ng

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

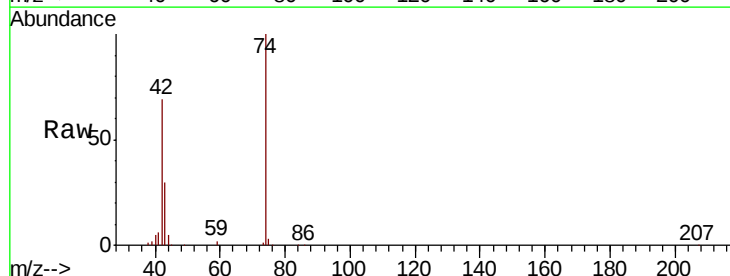
Tgt Ion: 42 Resp: 270806

Ion Ratio Lower Upper

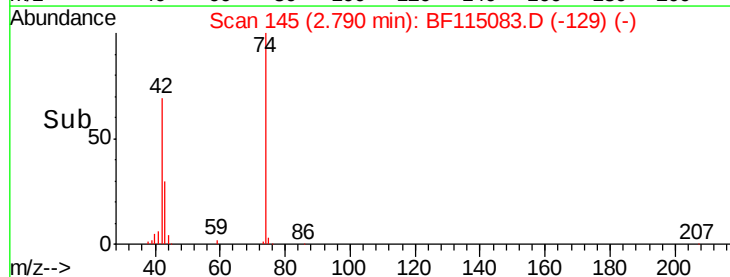
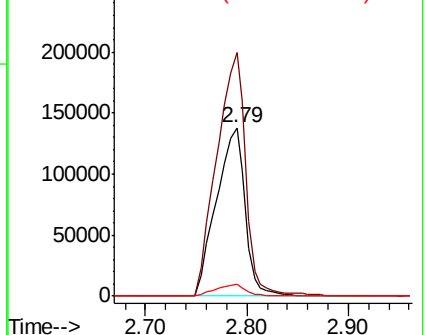
42 100

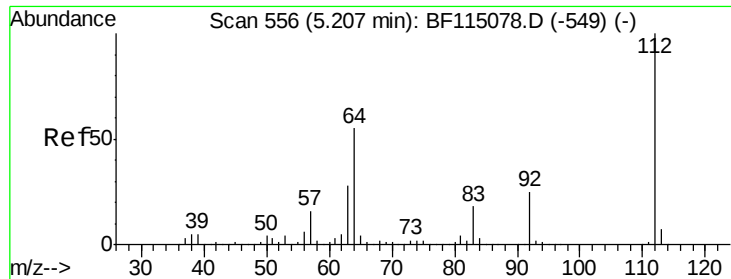
74 144.8 116.6 175.0

44 6.9 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: 82.549 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Instrument :

BNA_F

ClientSampleId :

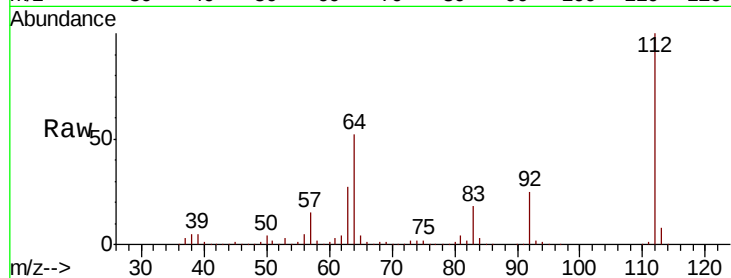
Tot Ion:112 Resp: 1057784

Ion Ratio Lower Upper

112 100

64 52.5 43.8 65.6

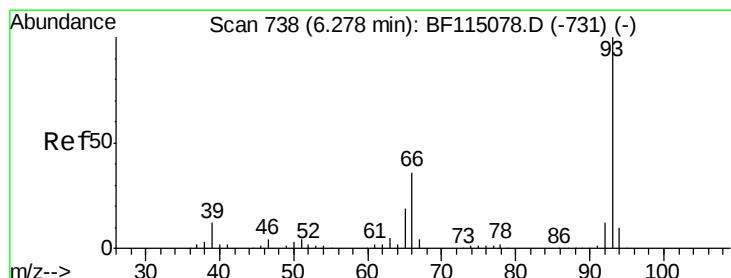
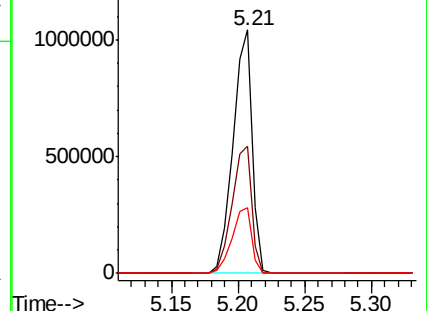
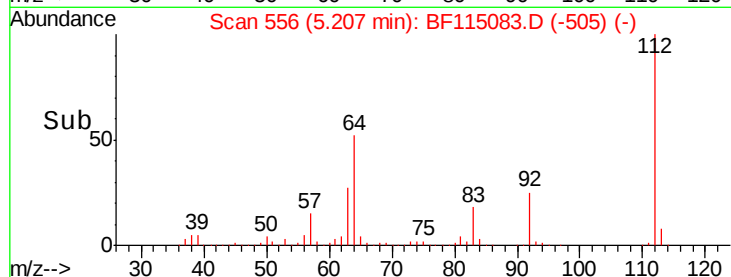
63 27.0 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.474 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

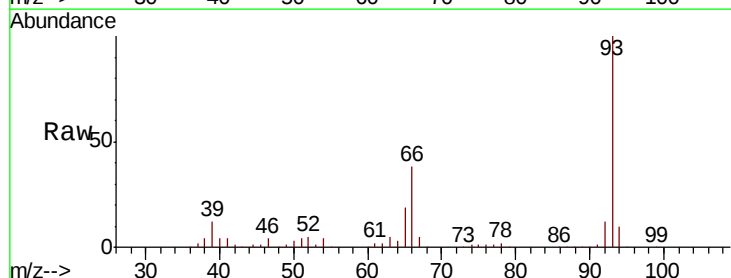
Tgt Ion: 93 Resp: 886542

Ion Ratio Lower Upper

93 100

66 37.7 30.0 45.0

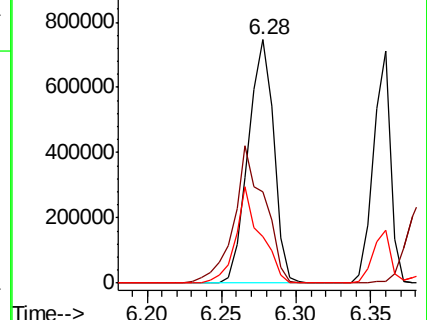
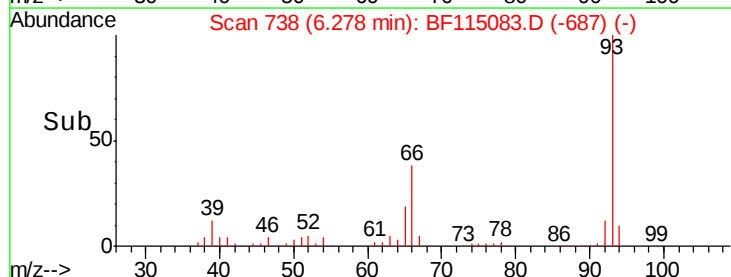
65 19.1 15.6 23.4

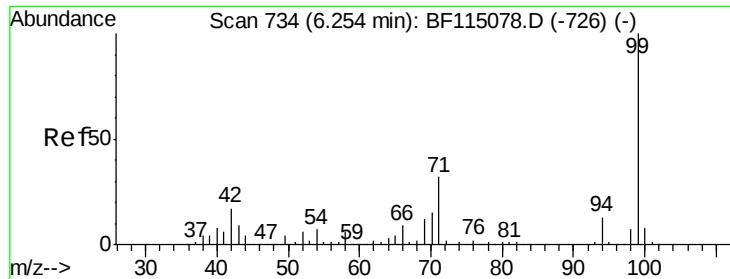


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.272 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Instrument :

BNA_F

ClientSampled :

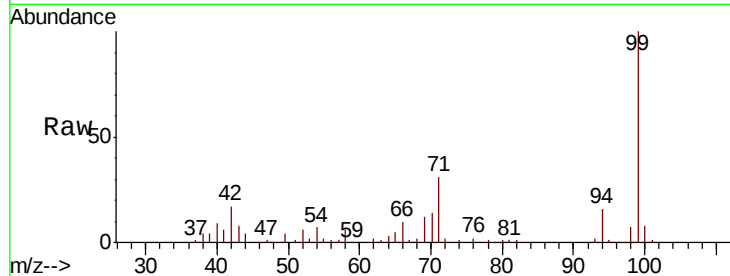
Tot Ion: 99 Resp: 1295131

Ion Ratio Lower Upper

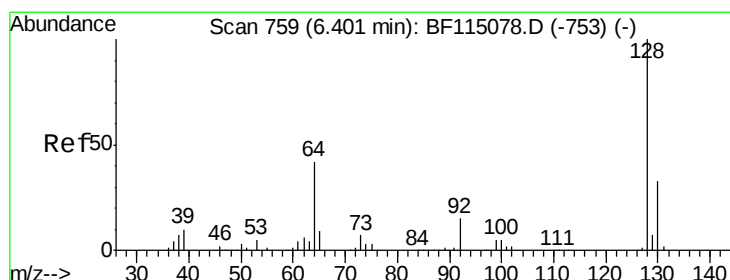
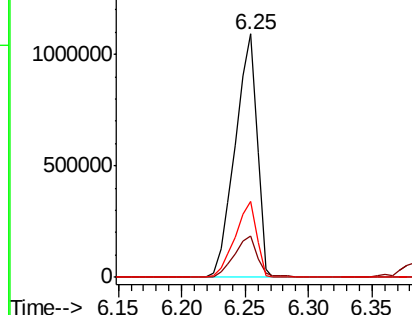
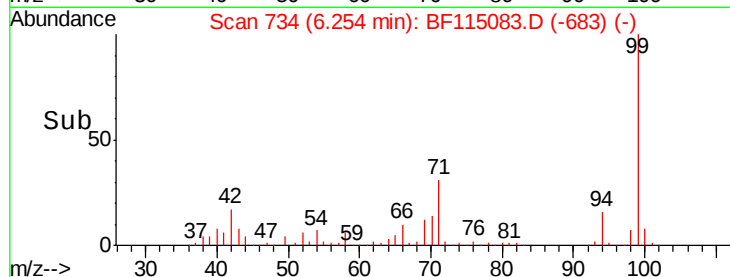
99 100

42 16.9 13.6 20.4

71 31.0 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: 41.714 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

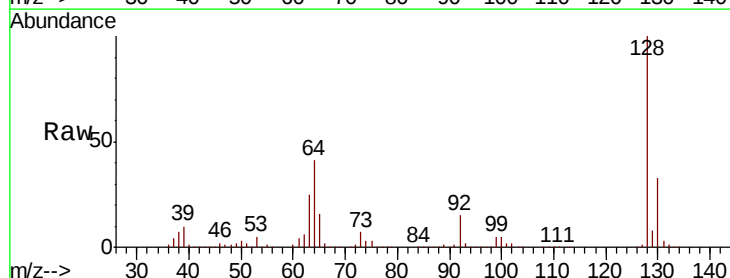
Tgt Ion: 128 Resp: 601041

Ion Ratio Lower Upper

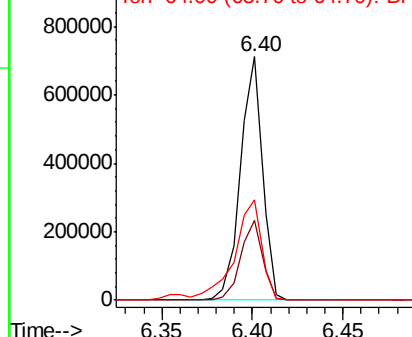
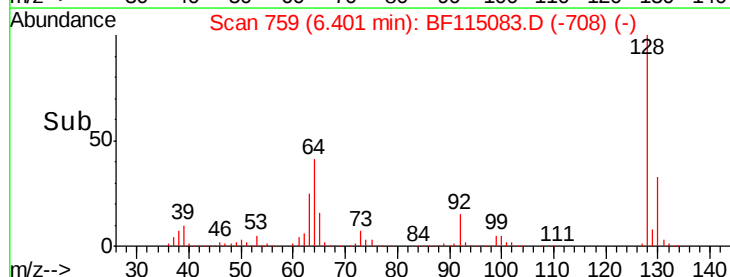
128 100

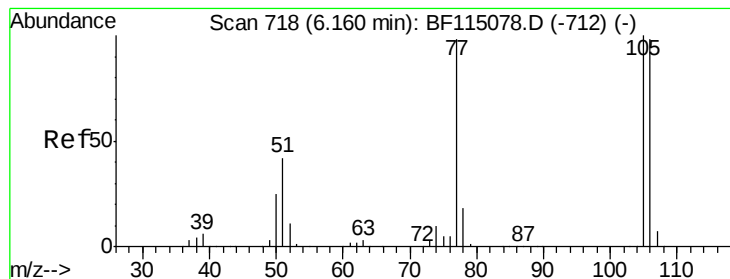
130 32.7 12.9 52.9

64 41.4 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: 41.308 ng

RT: 6.16 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Instrument :

BNA_F

ClientSampled :

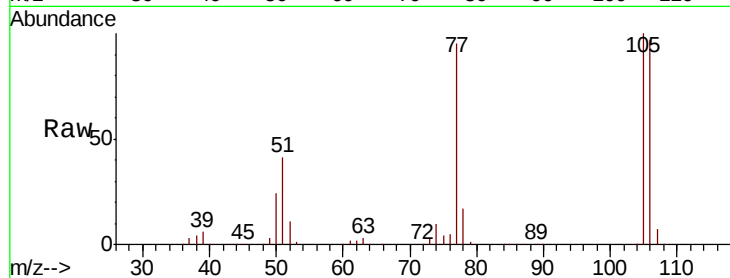
Tot Ion: 77 Resp: 419155

Ion Ratio Lower Upper

77 100

105 105.2 81.5 121.5

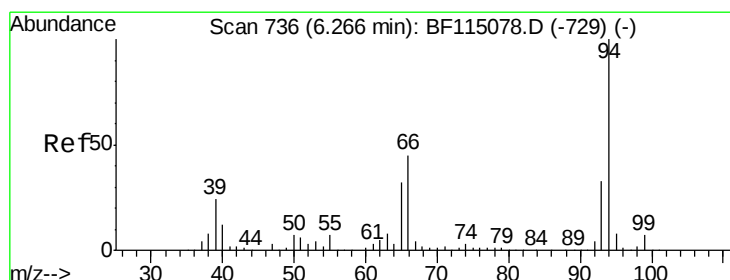
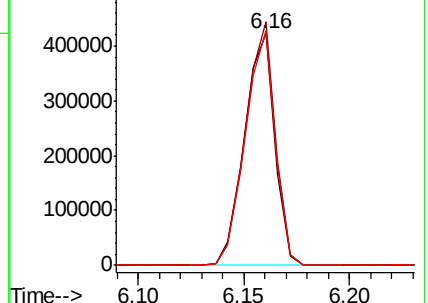
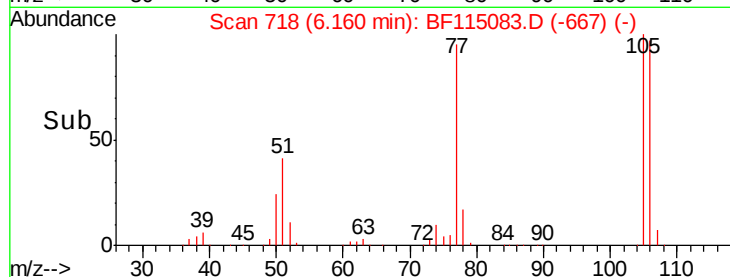
106 101.6 79.7 119.7



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: 41.366 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

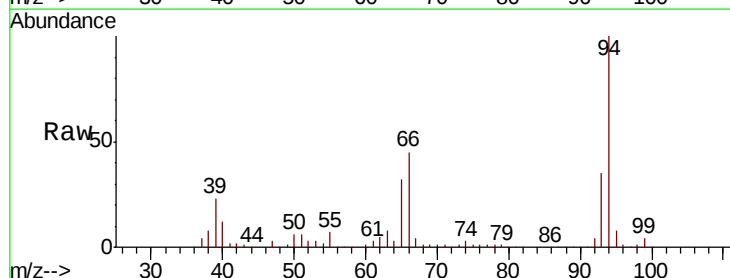
Tgt Ion: 94 Resp: 753631

Ion Ratio Lower Upper

94 100

65 31.6 11.9 51.9

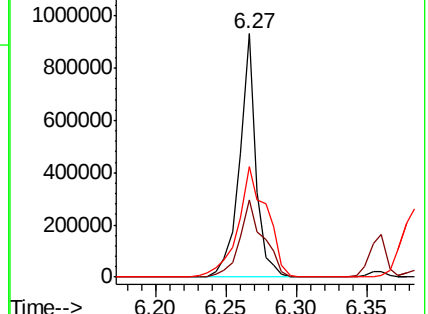
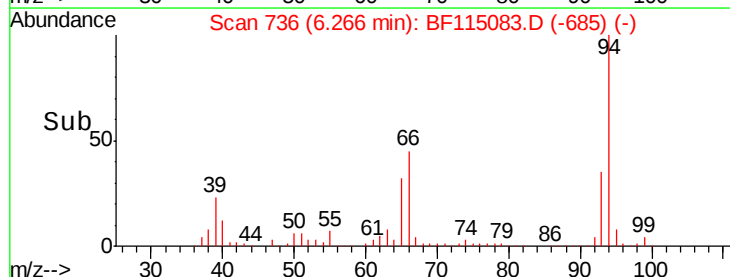
66 45.1 25.2 65.2

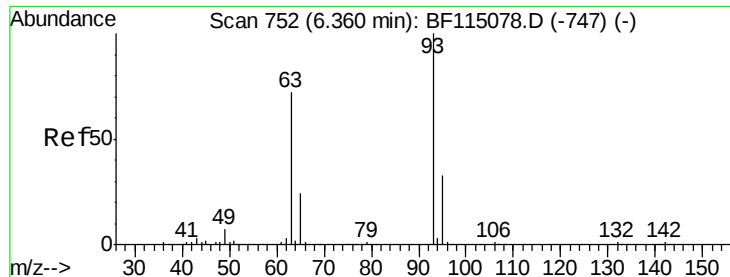


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.463 ng

RT: 6.36 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Instrument :

BNA_F

ClientSampleId :

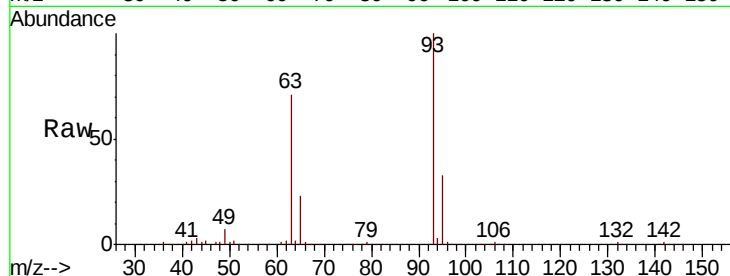
Tot Ion: 93 Resp: 556825

Ion Ratio Lower Upper

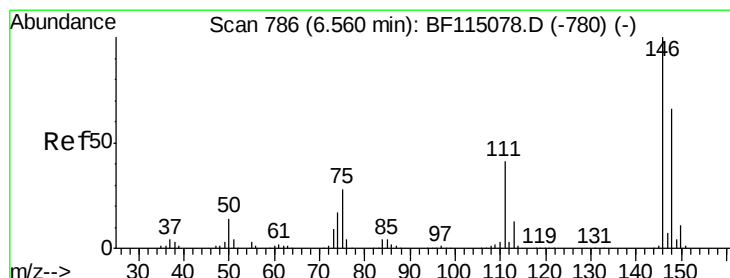
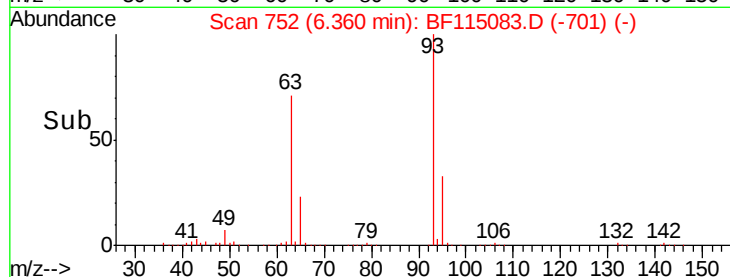
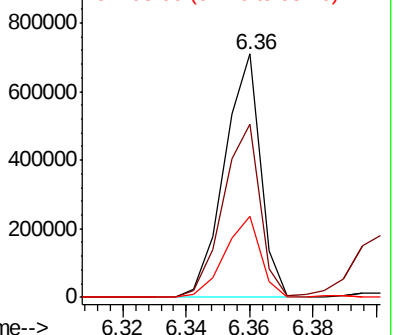
93 100

63 70.9 51.5 91.5

95 33.3 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: 41.770 ng

RT: 6.56 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

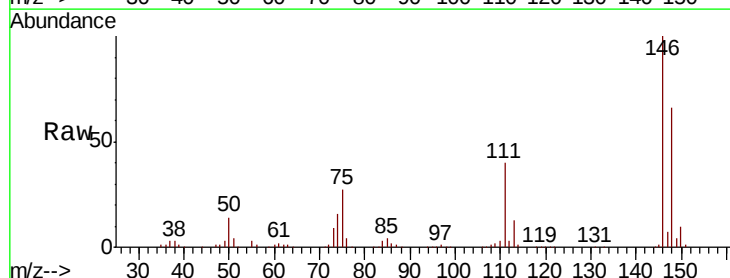
Tgt Ion: 146 Resp: 667948

Ion Ratio Lower Upper

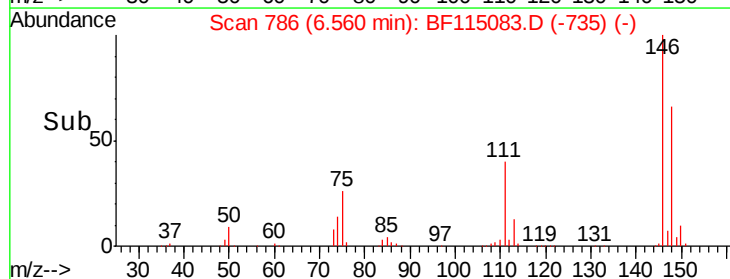
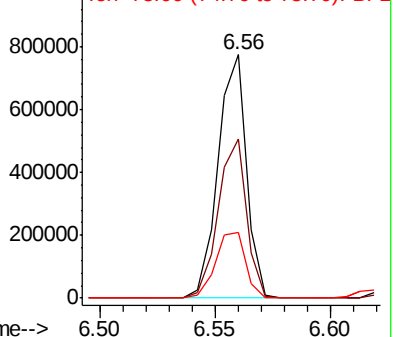
146 100

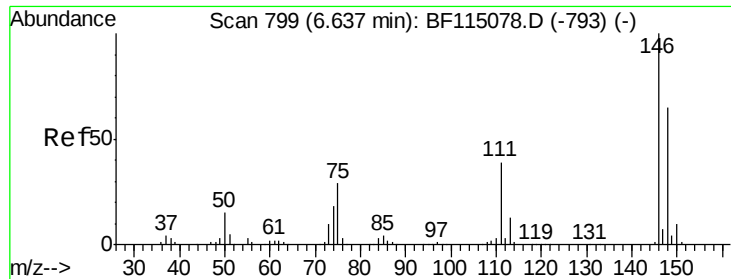
148 65.6 52.6 78.8

75 27.1 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

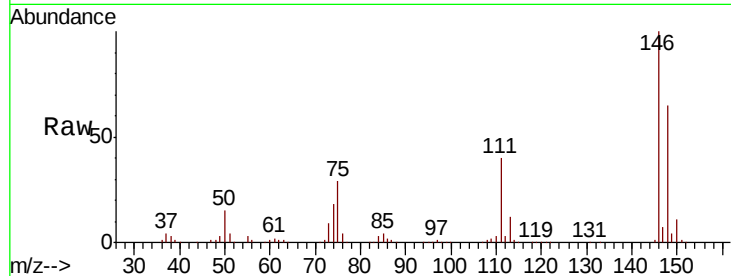




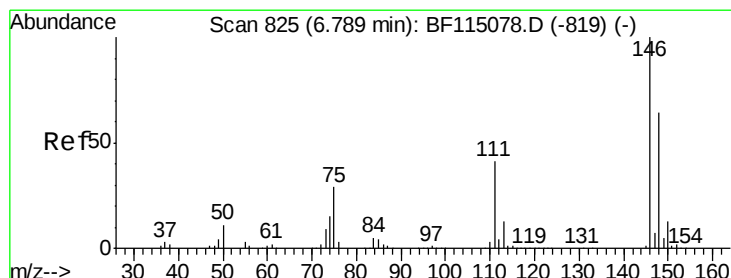
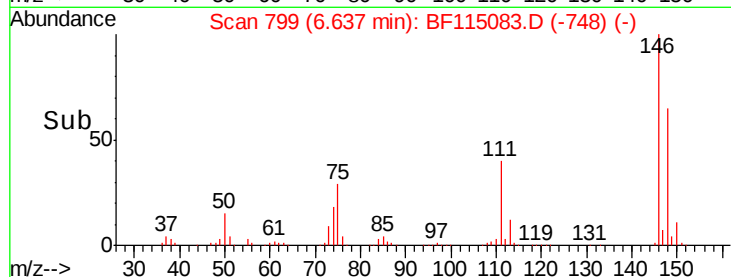
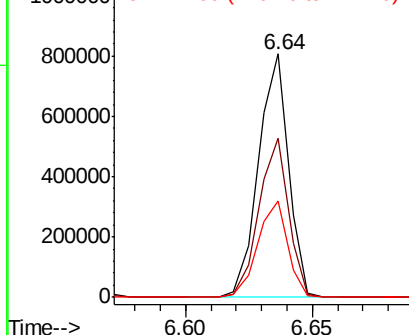
#13
 1,4-Dichlorobenzene
 Concen: 41.801 ng
 RT: 6.64 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF115083.D
 Acq: 21 Jun 2019 17:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 670287
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.9 77.9
 111 39.6 31.4 47.0

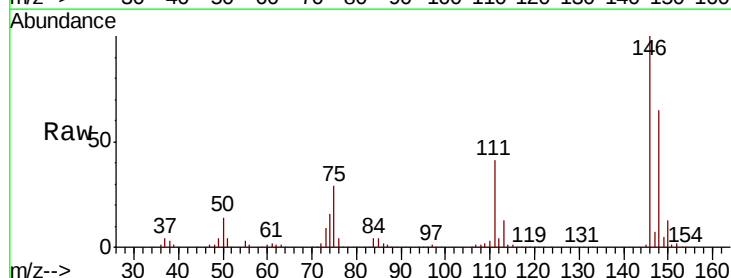


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

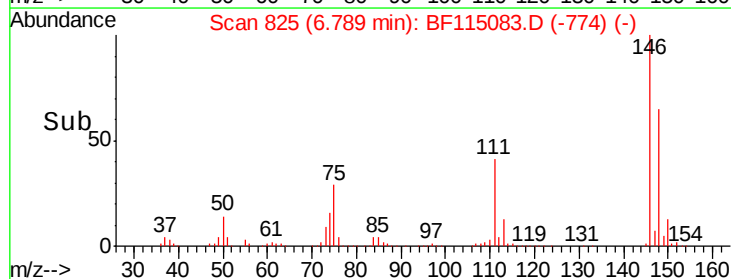
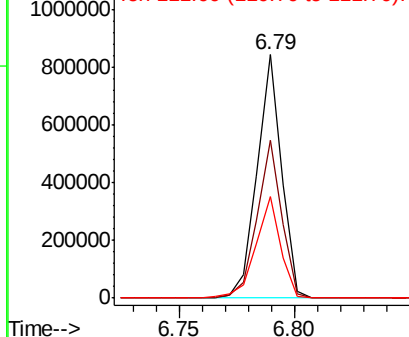


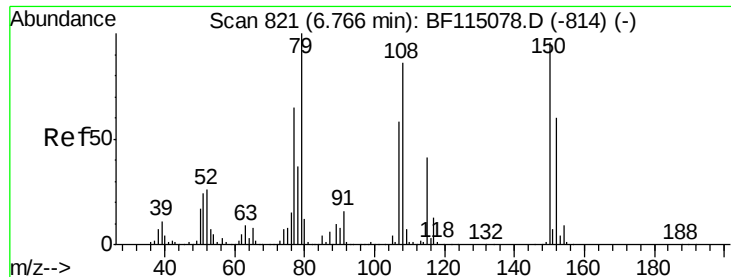
#14
 1,2-Dichlorobenzene
 Concen: 42.245 ng
 RT: 6.79 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF115083.D
 Acq: 21 Jun 2019 17:44

Tgt Ion:146 Resp: 627327
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.1 76.7
 111 41.5 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: 42.067 ng

RT: 6.77 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Instrument :
BNA_F
ClientSampleId :

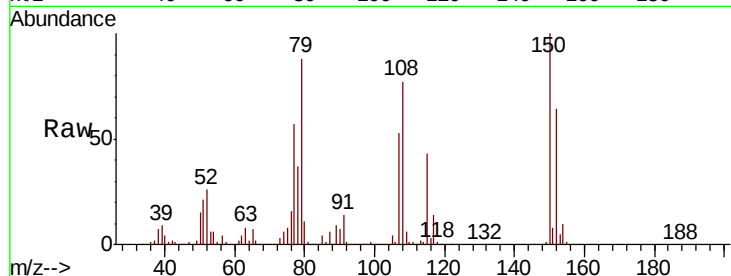
Tot Ion: 79 Resp: 476424

Ion Ratio Lower Upper

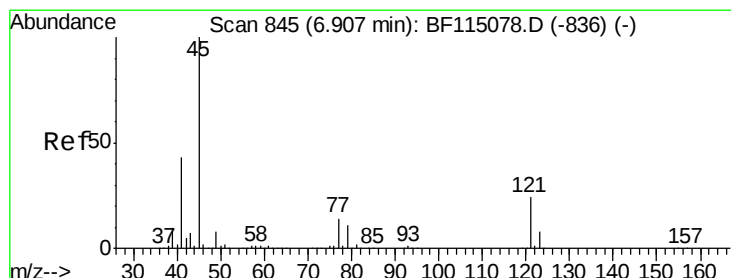
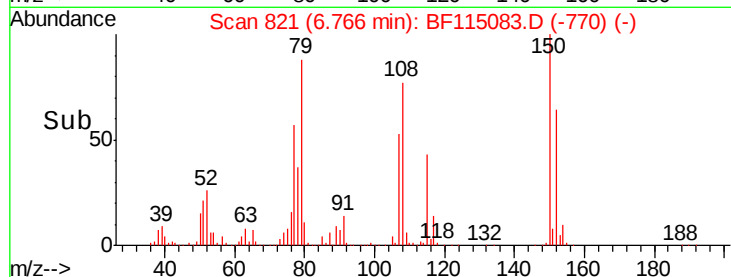
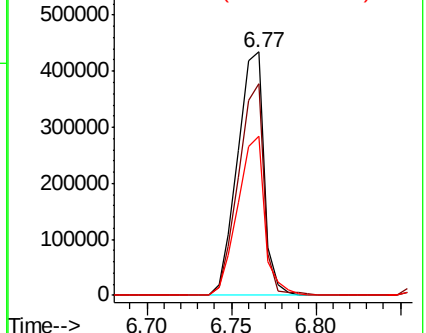
79 100

108 87.1 68.7 103.1

77 65.2 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: 41.350 ng

RT: 6.91 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

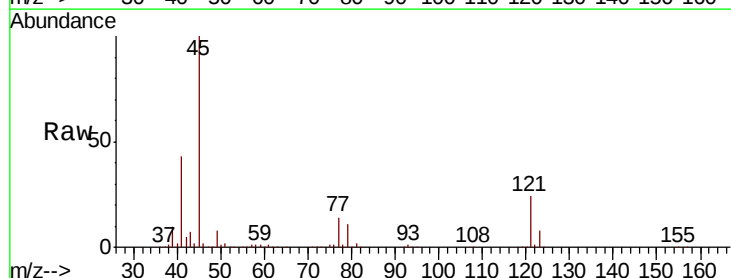
Tgt Ion: 45 Resp: 805418

Ion Ratio Lower Upper

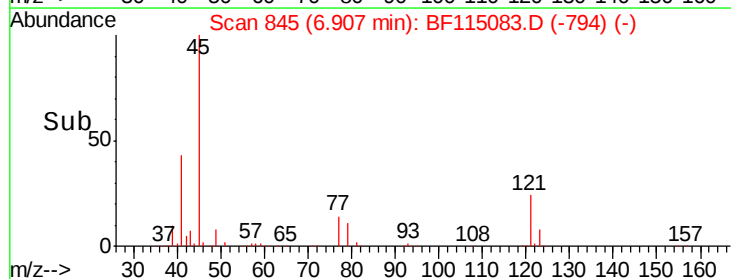
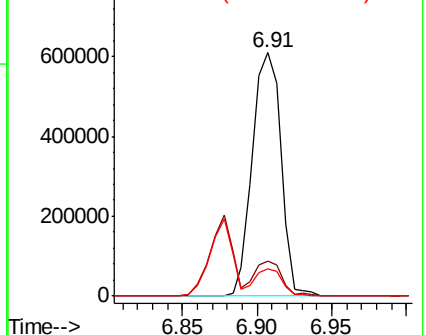
45 100

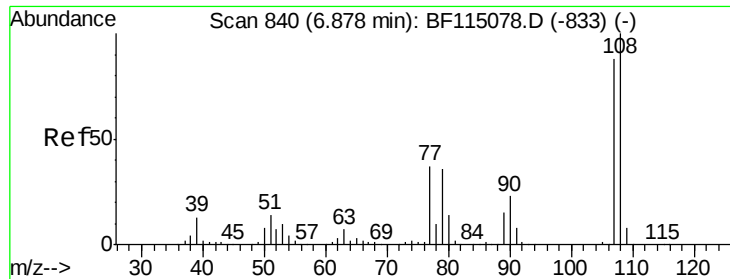
77 14.4 0.0 34.6

79 11.2 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: 41.007 ng

RT: 6.88 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 487709

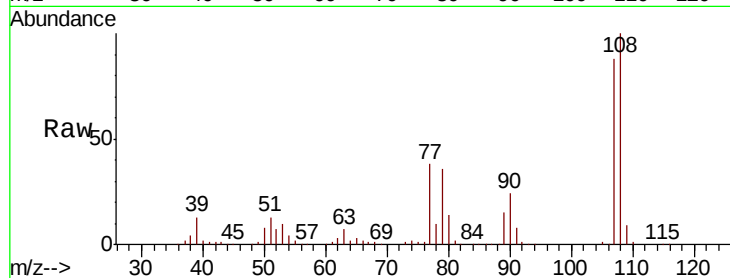
Ion Ratio Lower Upper

107 100

108 113.5 90.9 136.3

77 43.2 33.4 50.2

79 41.4 32.3 48.5

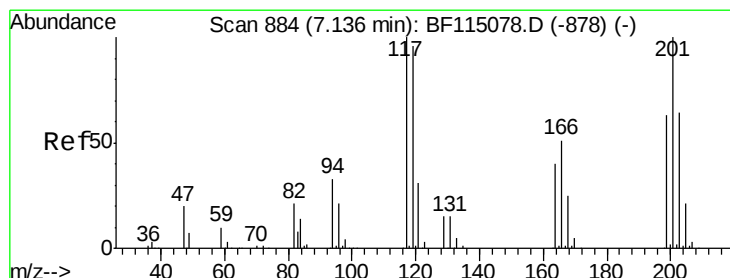
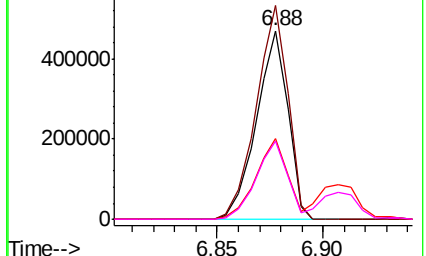
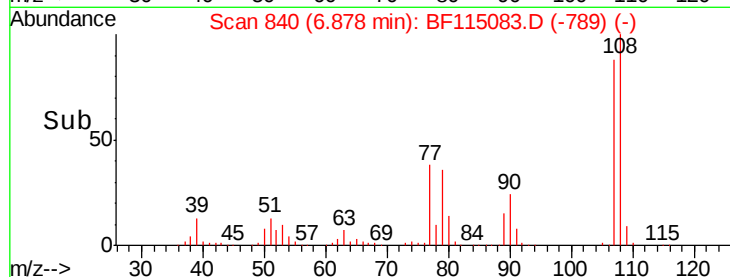


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.565 ng

RT: 7.14 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

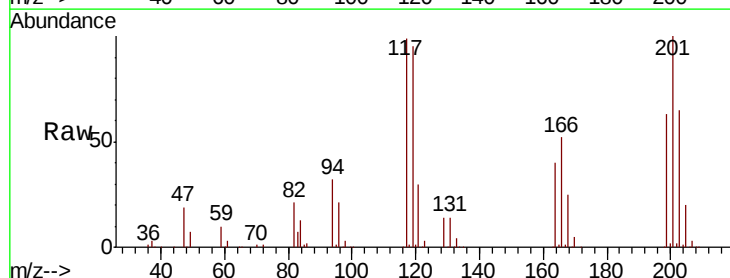
Tgt Ion:117 Resp: 240290

Ion Ratio Lower Upper

117 100

119 96.2 76.6 114.8

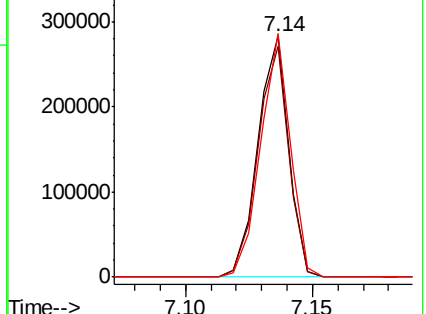
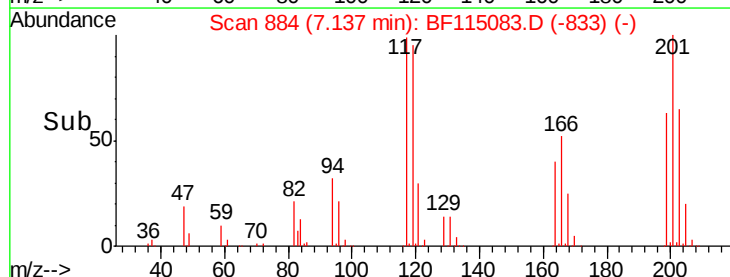
201 101.2 80.2 120.2

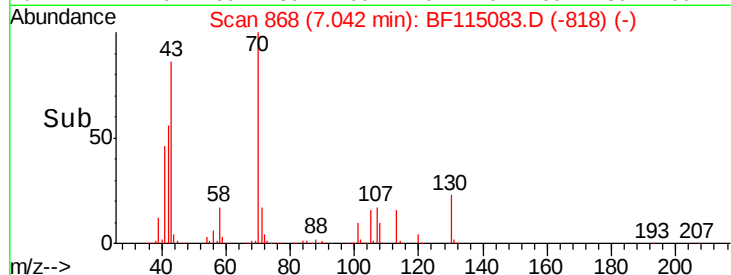
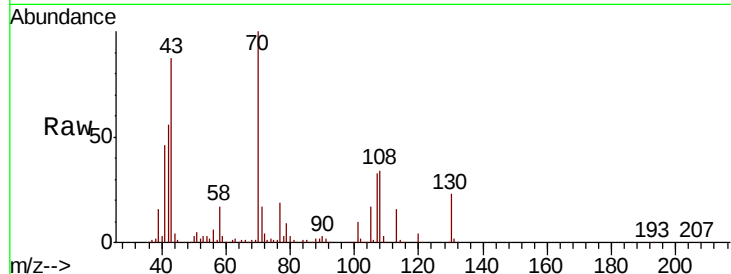
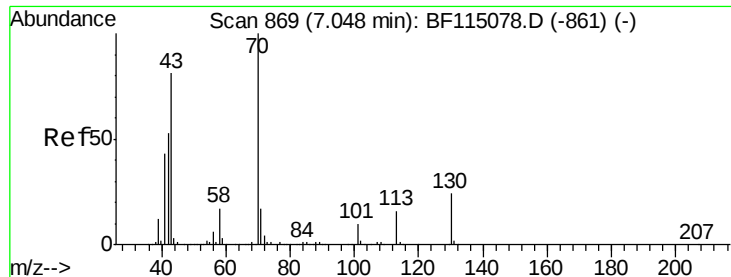


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

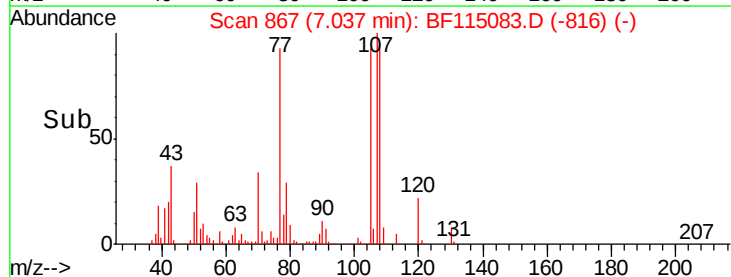
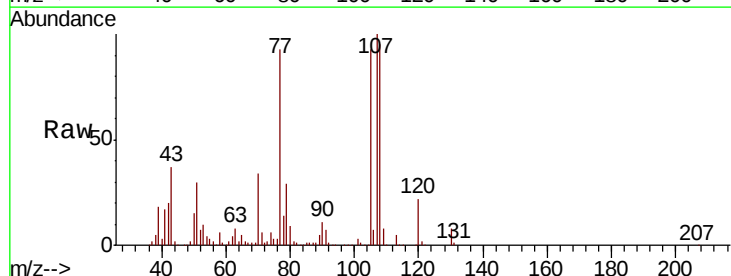
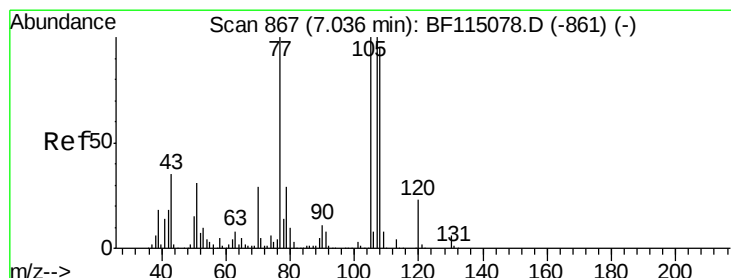
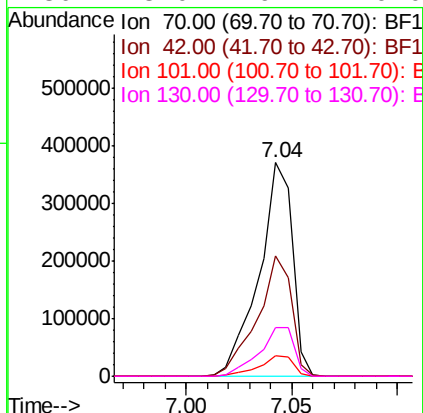




#19
n-Nitroso-di-n-propylamine
Concen: 40.973 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

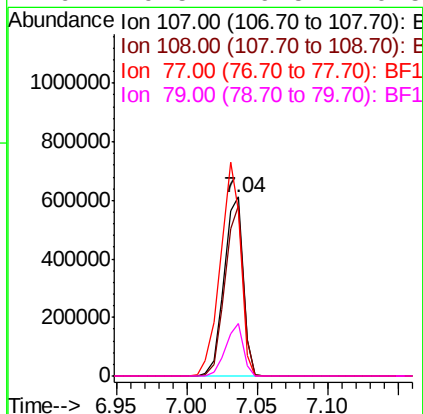
Instrument :
BNA_F
ClientSampled :

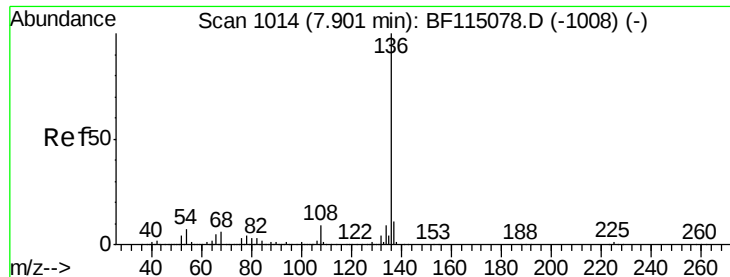
Tot Ion:	70	Resp:	407983
Ion	Ratio	Lower	Upper
70	100		
42	56.1	42.6	63.8
101	9.9	8.0	12.0
130	23.0	19.4	29.0



#20
3+4-Methylphenols
Concen: 41.783 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion:	107	Resp:	573806
Ion	Ratio	Lower	Upper
107	100		
108	95.2	75.5	115.5
77	92.6	80.2	120.2
79	29.5	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 815963

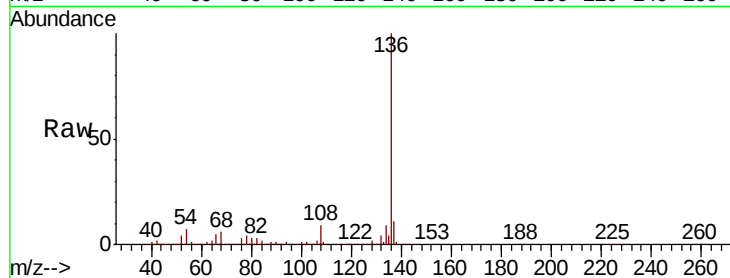
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.2 5.6 8.4

68 6.0 4.8 7.2

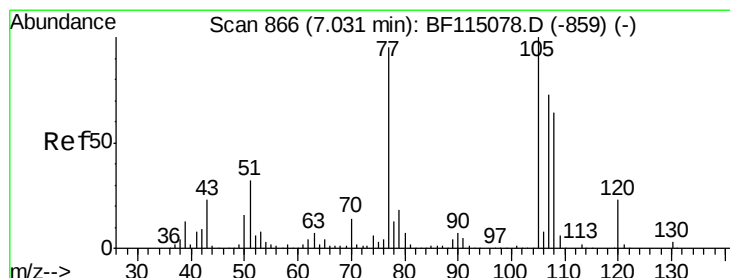
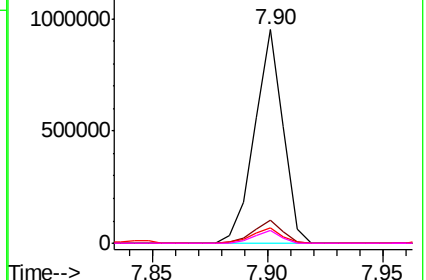
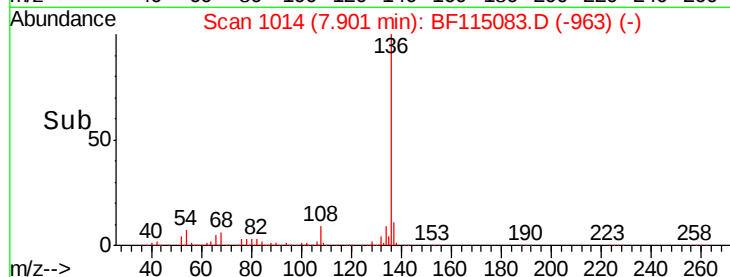


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.051 ng

RT: 7.03 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Tgt Ion:105 Resp: 766845

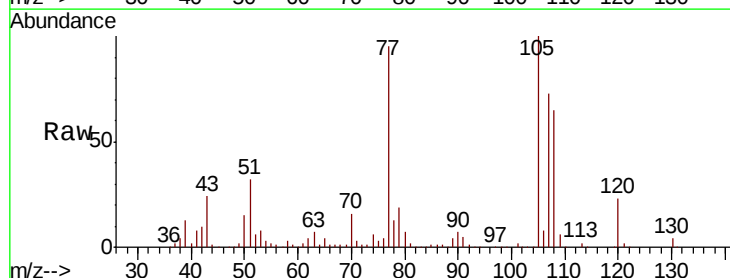
Ion Ratio Lower Upper

105 100

71 2.7 1.9 2.9

51 31.7 25.8 38.8

120 23.3 18.5 27.7

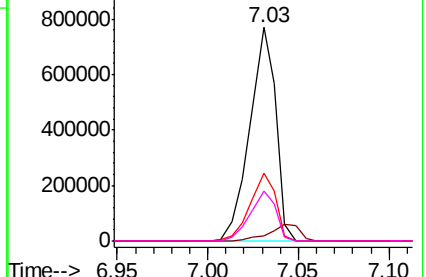
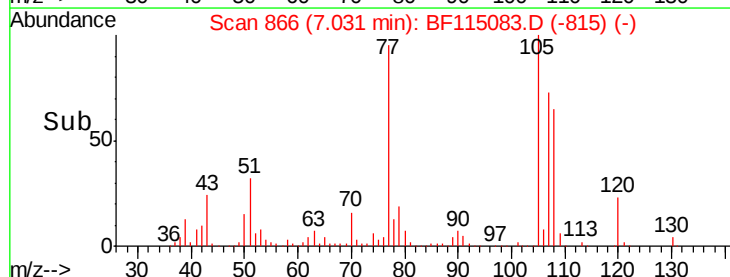


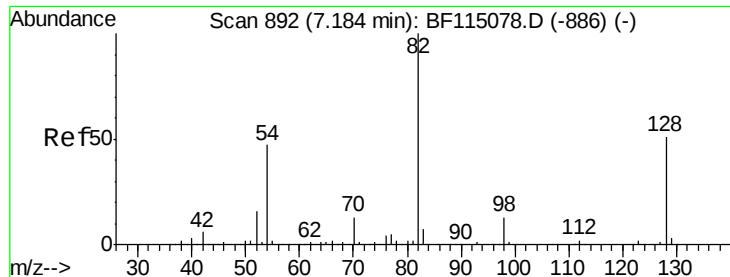
Abundance Ion 105.00 (104.70 to 105.70): E

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

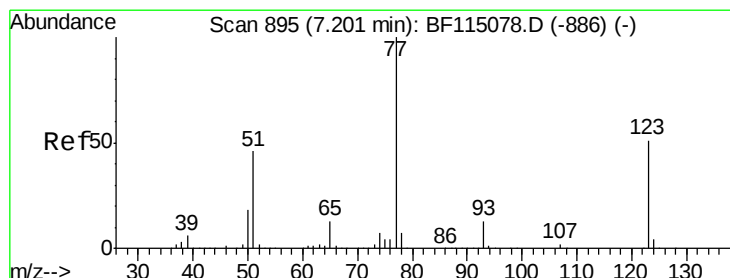
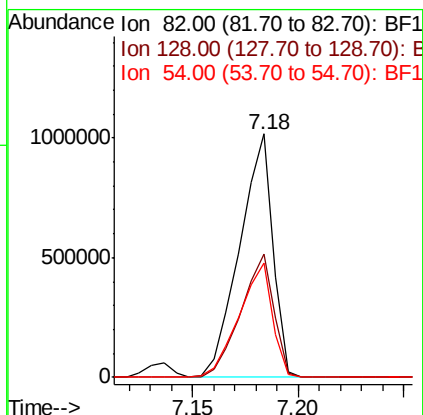
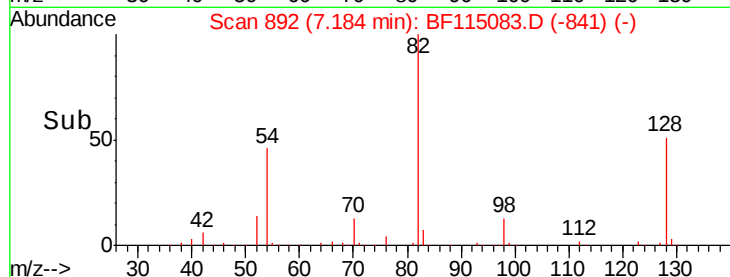
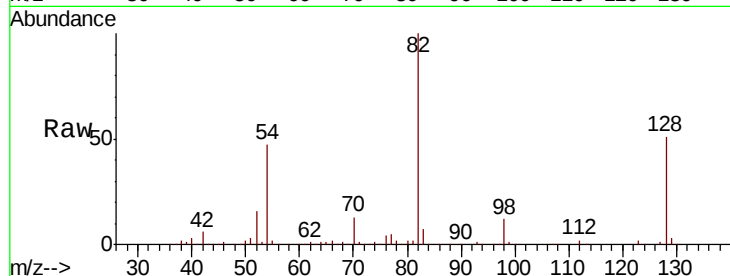




#23
Nitrobenzene-d5
Concen: 83.802 ng
RT: 7.18 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

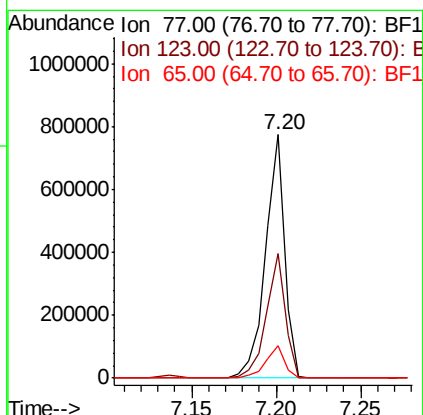
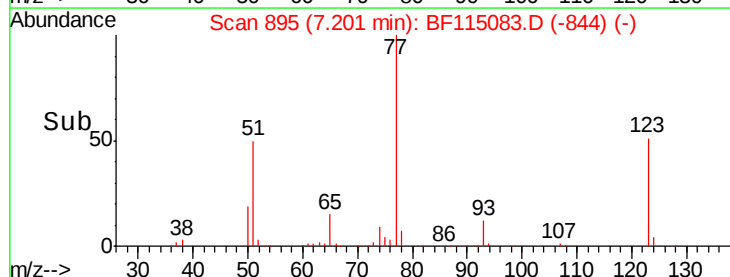
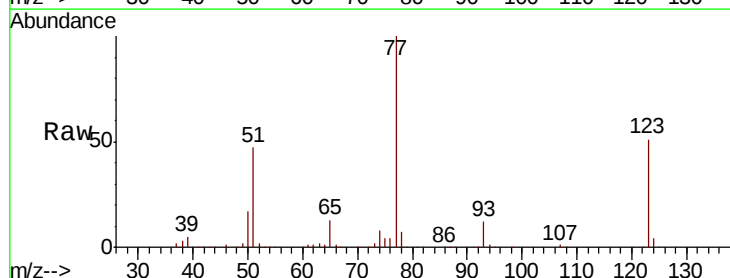
Instrument :
BNA_F
ClientSampleId :

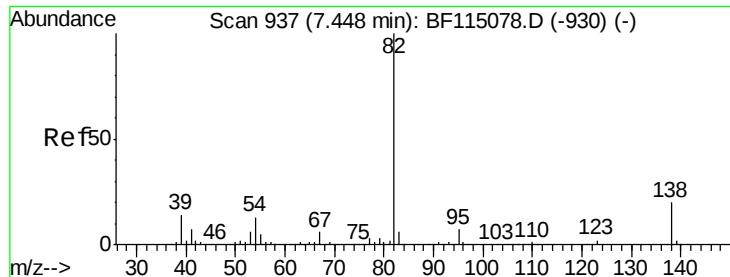
Tot Ion: 82 Resp: 1111576
Ion Ratio Lower Upper
82 100
128 50.7 40.4 60.6
54 47.2 37.5 56.3



#24
Nitrobenzene
Concen: 41.667 ng
RT: 7.20 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion: 77 Resp: 608882
Ion Ratio Lower Upper
77 100
123 51.4 41.0 61.6
65 13.2 10.5 15.7





#25

Isophorone

Concen: 40.513 ng

RT: 7.45 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Instrument :

BNA_F

ClientSampleId :

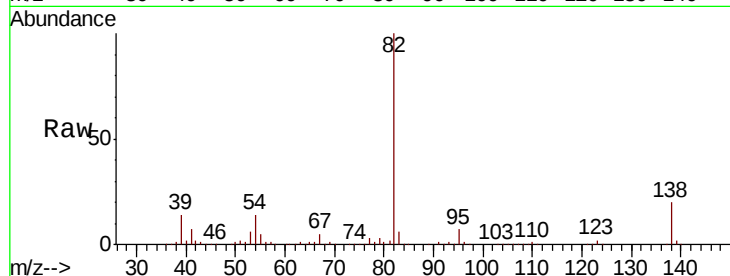
Tot Ion: 82 Resp: 1100843

Ion Ratio Lower Upper

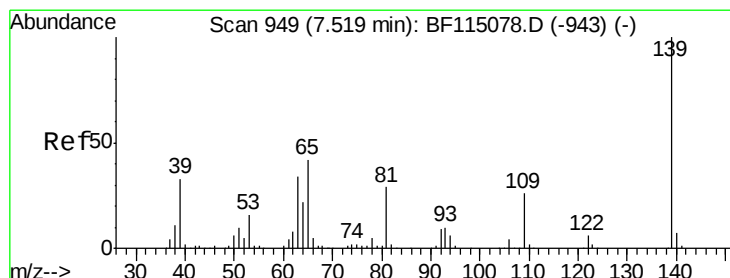
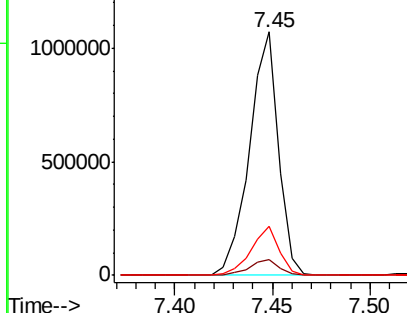
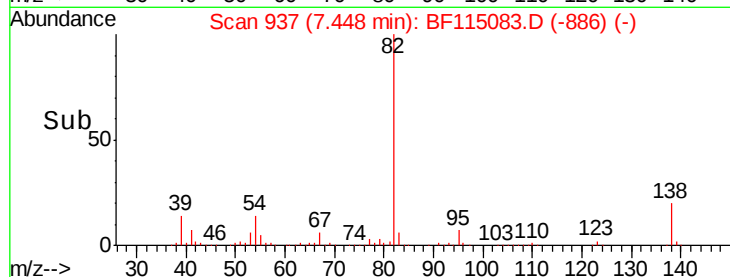
82 100

95 6.7 5.4 8.2

138 20.2 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: 42.821 ng

RT: 7.52 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

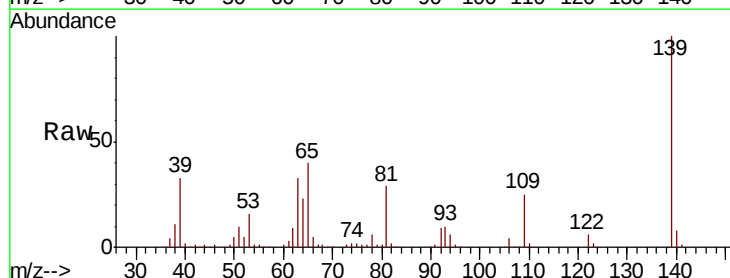
Tgt Ion: 139 Resp: 309024

Ion Ratio Lower Upper

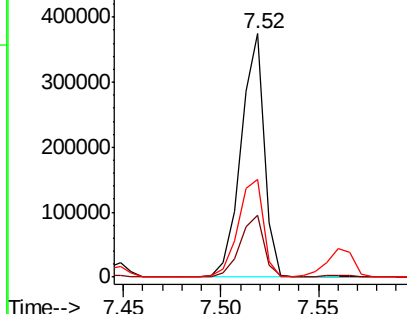
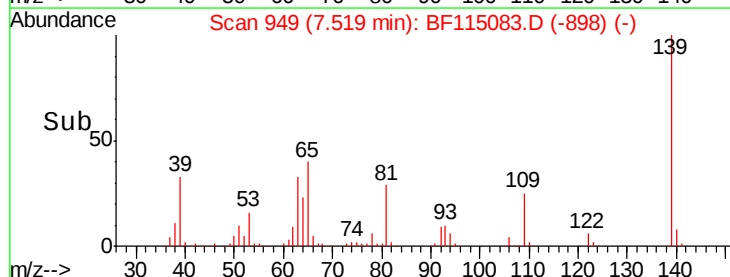
139 100

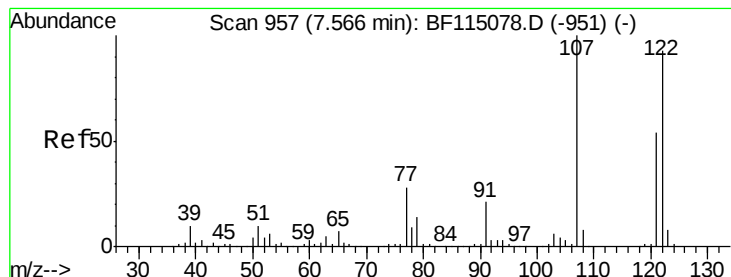
109 25.5 20.4 30.6

65 40.2 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: 41.551 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Instrument :

BNA_F

ClientSampleId :

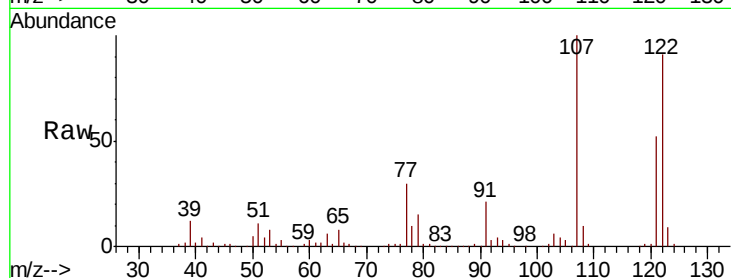
Tot Ion:122 Resp: 490959

Ion Ratio Lower Upper

122 100

107 109.4 85.8 128.6

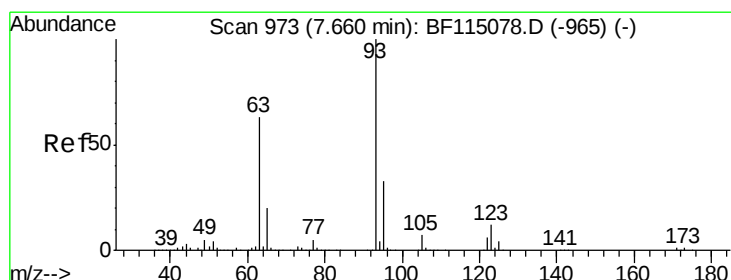
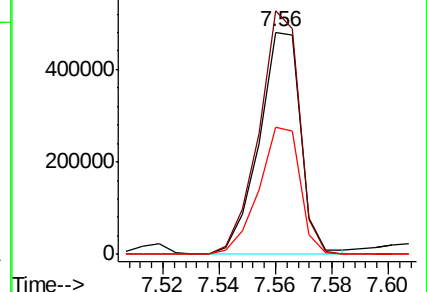
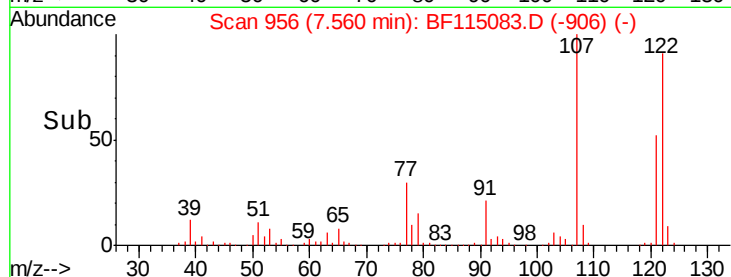
121 57.2 46.3 69.5



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: 41.534 ng

RT: 7.66 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

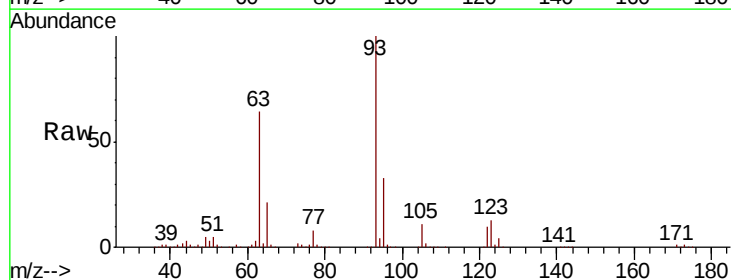
Tgt Ion: 93 Resp: 713321

Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

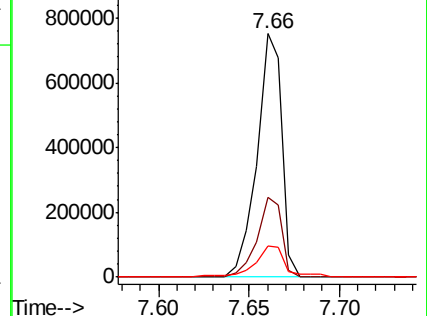
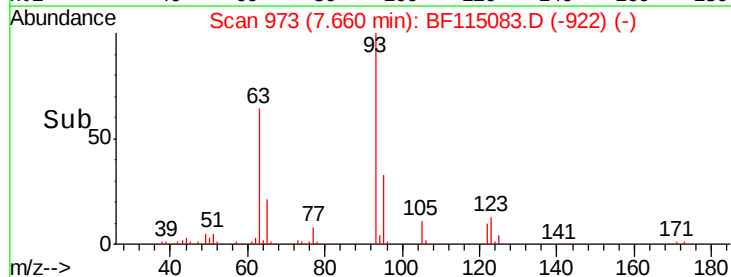
123 12.6 9.7 14.5

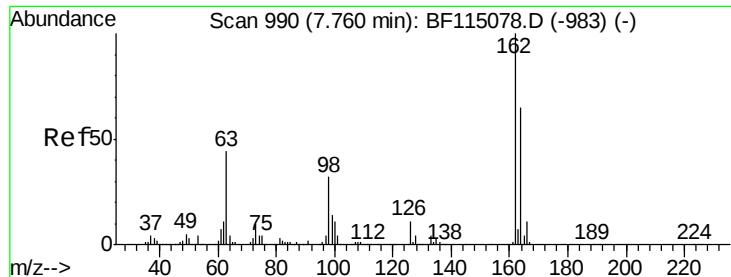


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

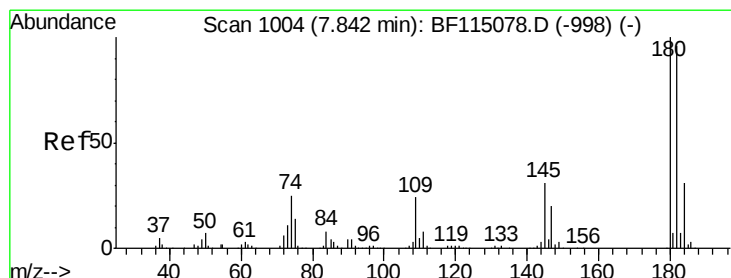
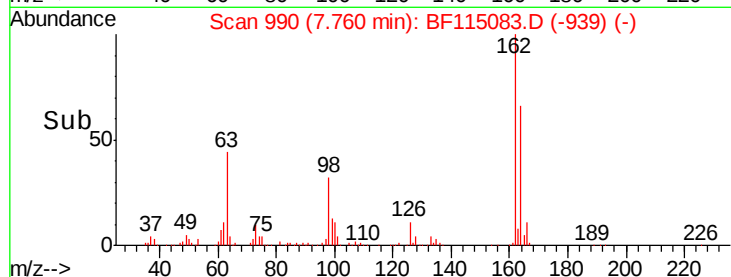
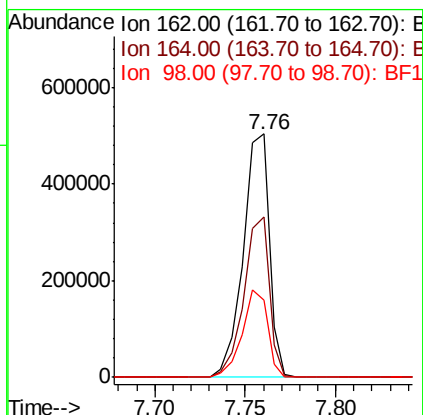
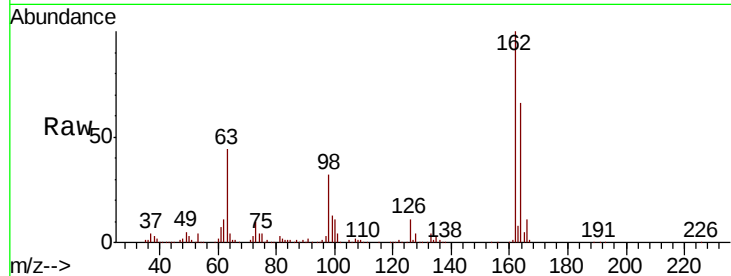




#29
2,4-Dichlorophenol
Concen: 41.382 ng
RT: 7.76 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

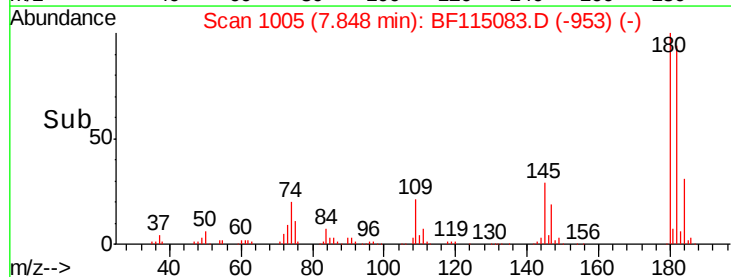
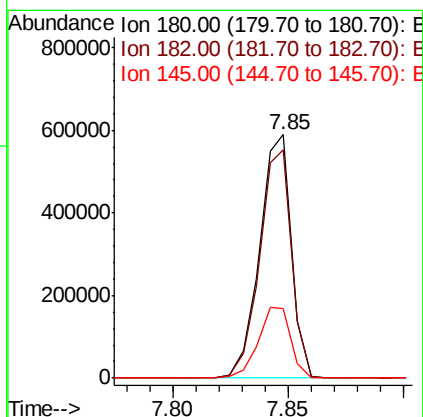
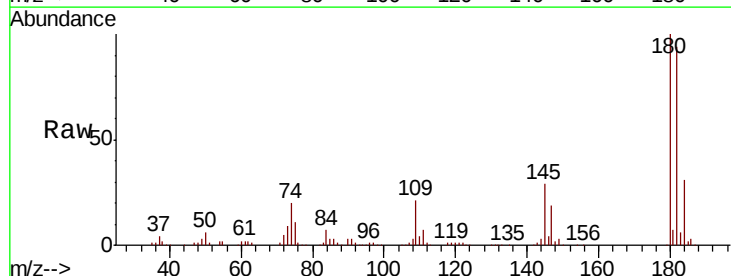
Instrument :
BNA_F
ClientSampleId :

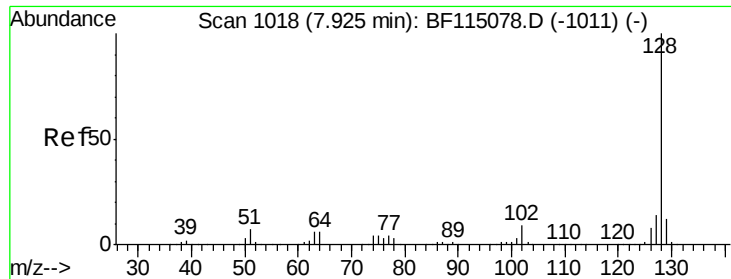
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	45.3	85.3
98	31.9	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 41.805 ng
RT: 7.85 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.4	114.6
145	28.6	24.8	37.2

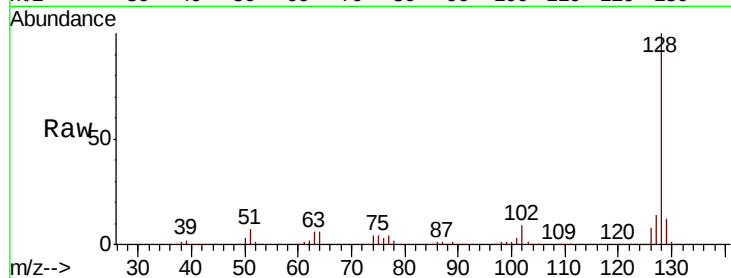




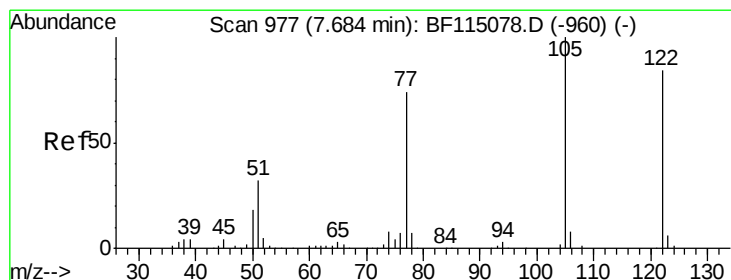
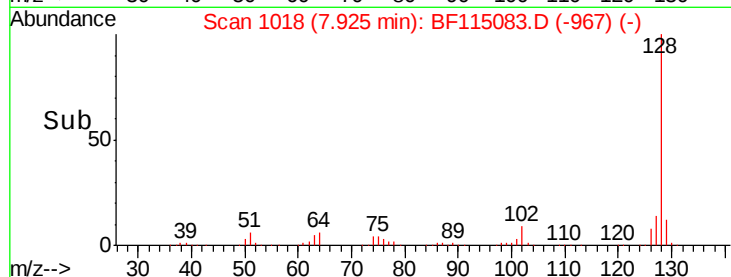
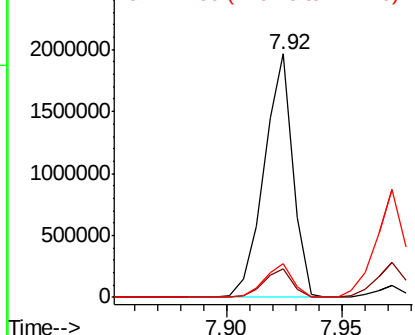
#31
Naphthalene
Concen: 42.417 ng
RT: 7.92 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1698933
Ion Ratio Lower Upper
128 100
129 11.8 9.6 14.4
127 14.1 11.4 17.0

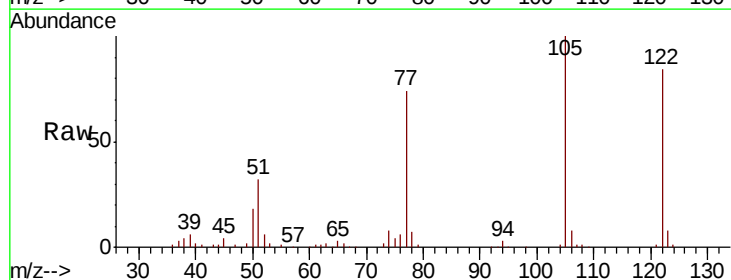


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

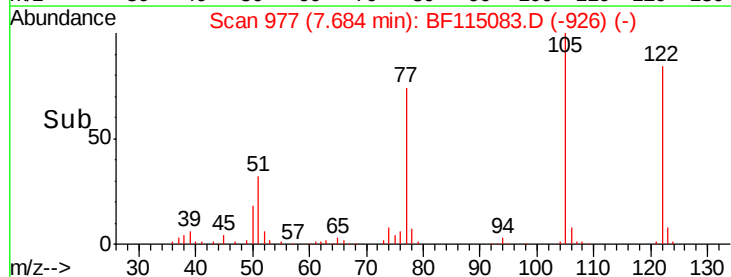
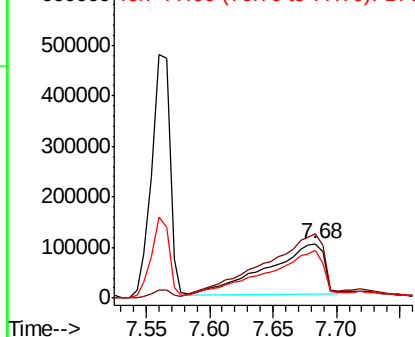


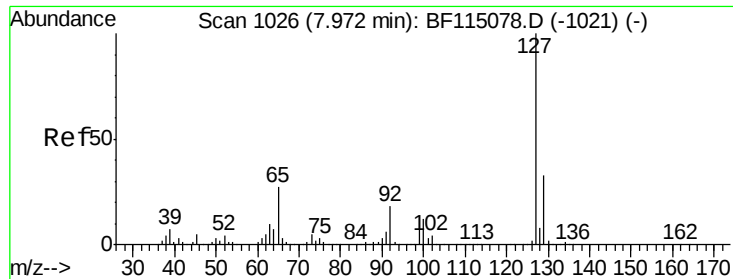
#32
Benzoic acid
Concen: 38.068 ng
RT: 7.68 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion:122 Resp: 321073
Ion Ratio Lower Upper
122 100
105 118.3 98.2 138.2
77 87.5 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

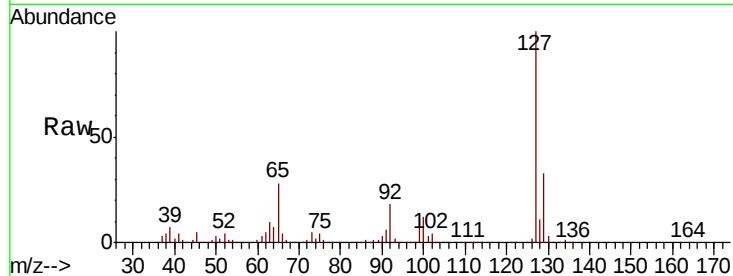




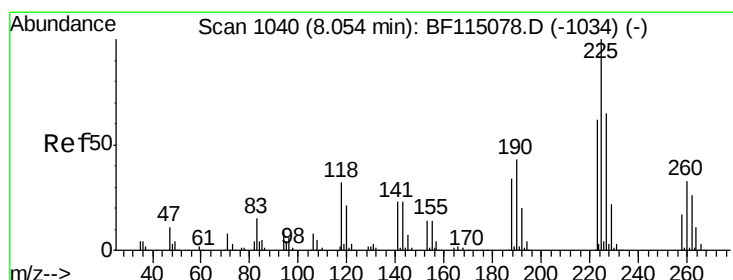
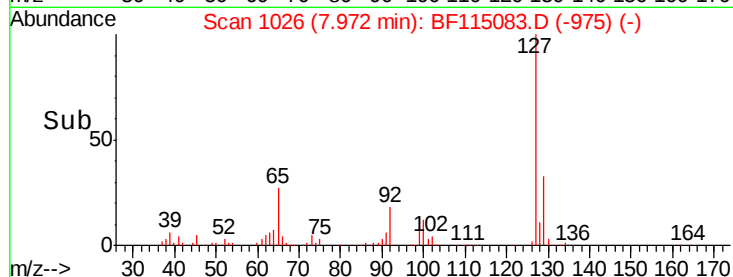
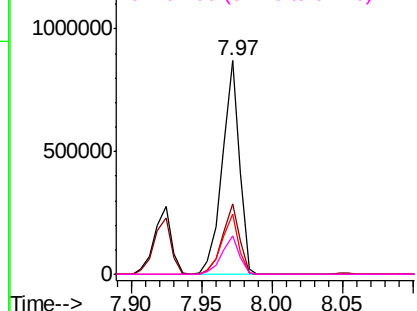
#33
4-Chloroaniline
Concen: 40.221 ng
RT: 7.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Instrument :
BNA_F
ClientSampleID :

Tot Ion:	127	Resp:	736255
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	28.3	21.4	32.2
92	18.2	14.1	21.1

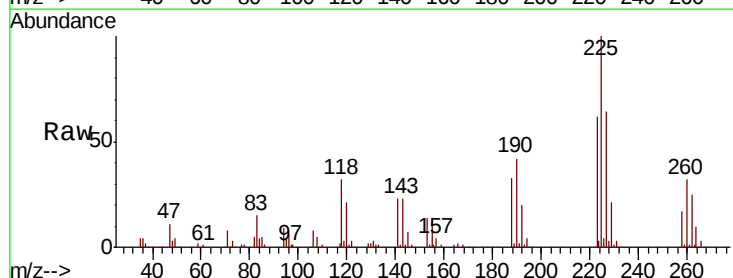


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

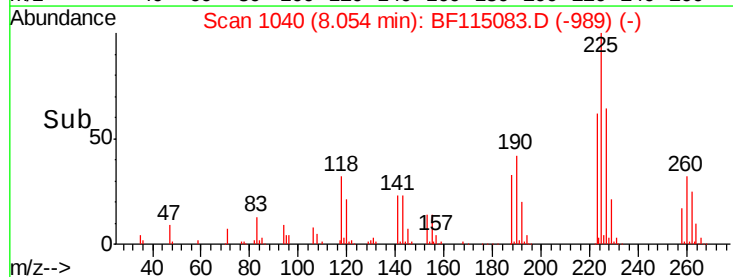
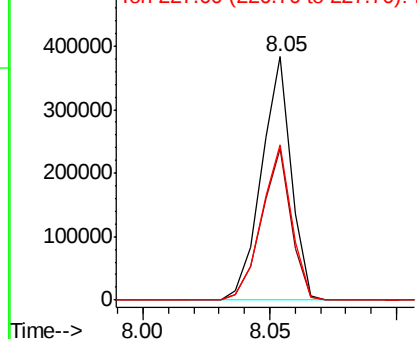


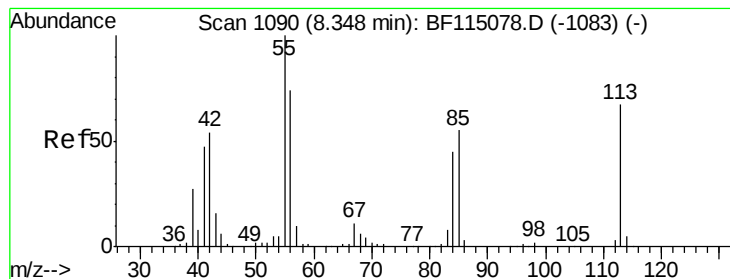
#34
Hexachlorobutadiene
Concen: 42.159 ng
RT: 8.05 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion:	225	Resp:	311177
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.4	74.2
227	63.7	51.8	77.8



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





#35

Caprolactam

Concen: 40.867 ng

RT: 8.35 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Instrument :

BNA_F

ClientSampleId :

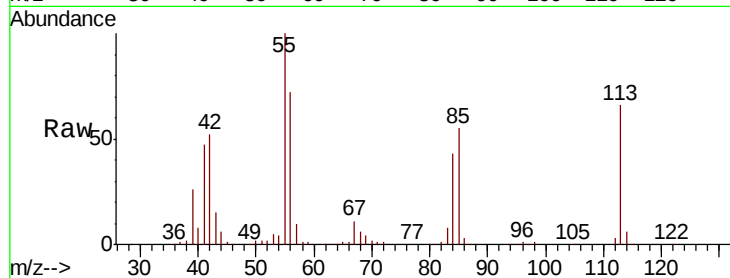
Tot Ion:113 Resp: 167538

Ion Ratio Lower Upper

113 100

55 152.2 130.2 170.2

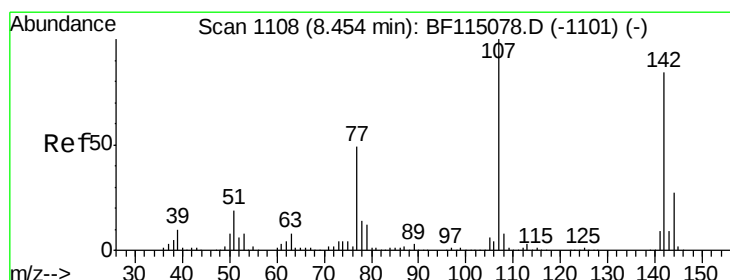
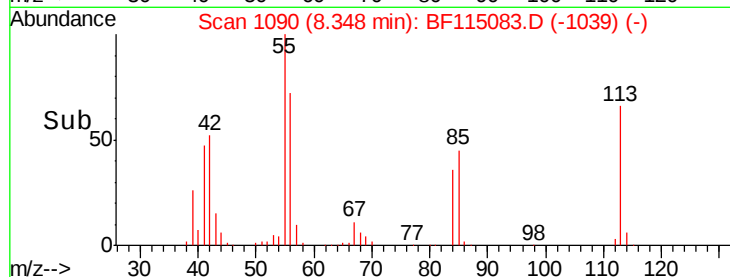
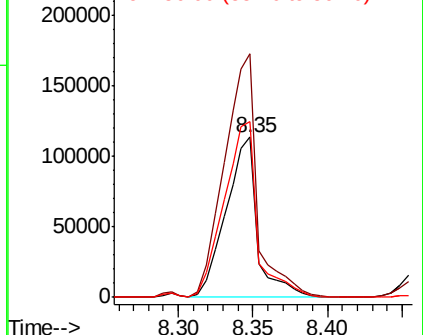
56 109.9 91.6 131.6



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: 41.000 ng

RT: 8.45 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

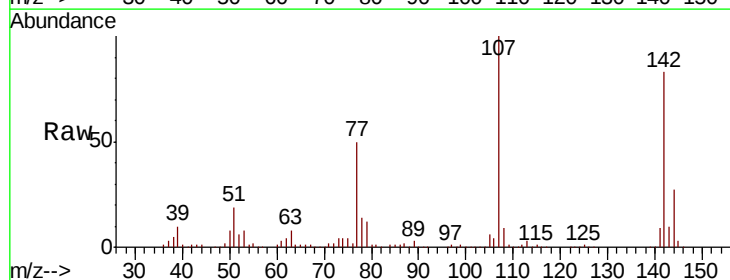
Tgt Ion:107 Resp: 506304

Ion Ratio Lower Upper

107 100

144 26.8 21.7 32.5

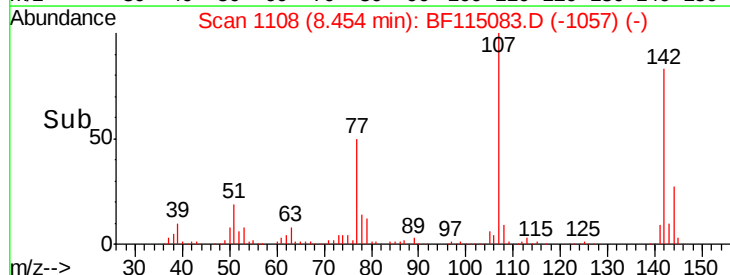
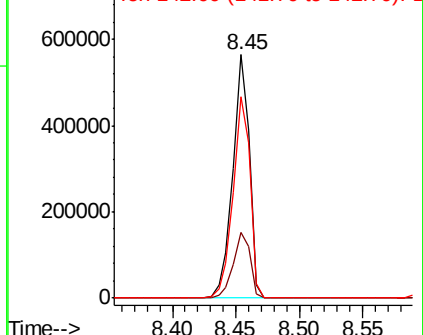
142 82.9 67.0 100.4

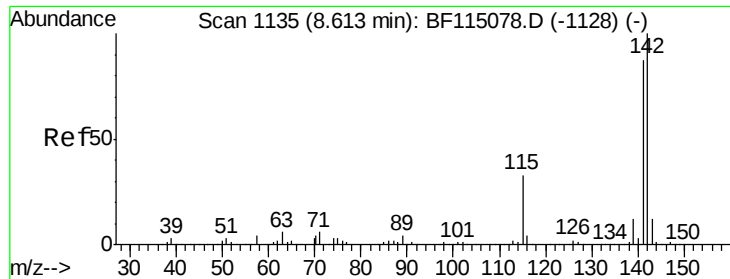


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

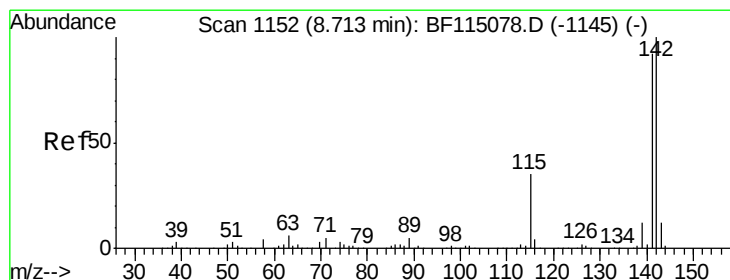
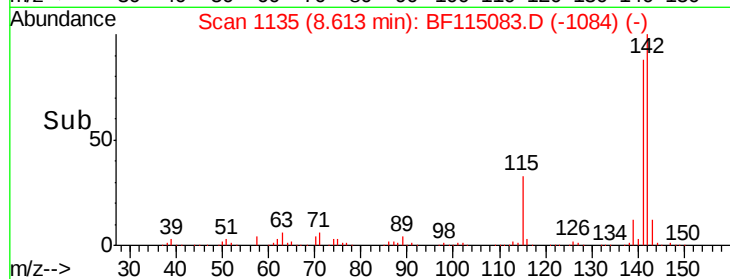
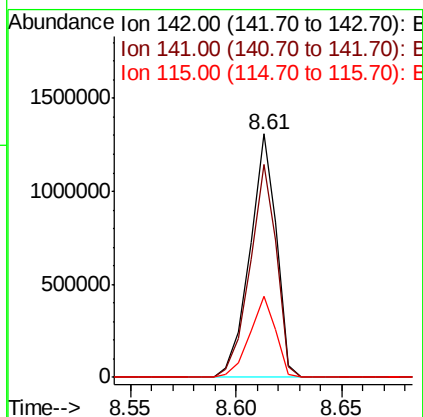
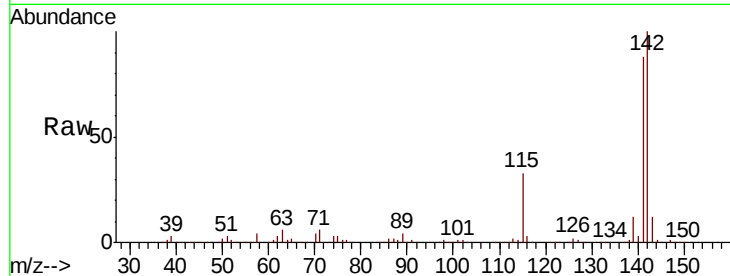




#37
2-Methylnaphthalene
Concen: 42.297 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

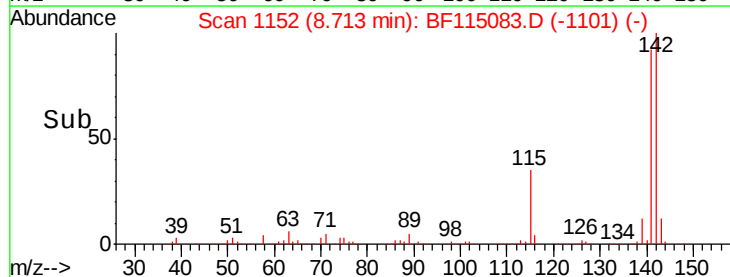
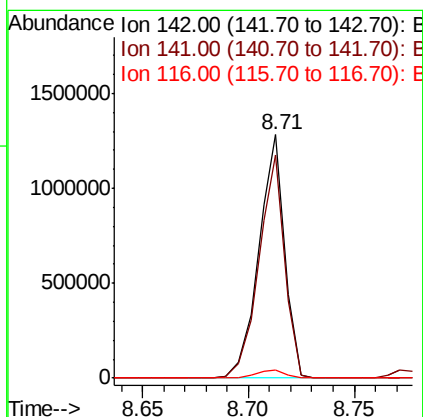
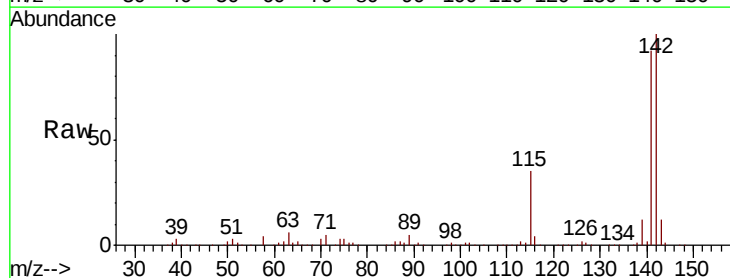
Instrument :
BNA_F
ClientSampleId :

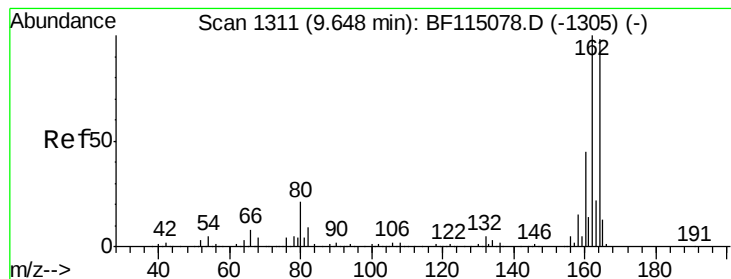
Tot Ion:142 Resp: 1142278
Ion Ratio Lower Upper
142 100
141 87.6 69.8 104.6
115 33.4 26.7 40.1



#38
1-Methylnaphthalene
Concen: 42.189 ng
RT: 8.71 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion:142 Resp: 1088179
Ion Ratio Lower Upper
142 100
141 91.7 73.8 110.8
116 3.6 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.65 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Instrument :

BNA_F

ClientSampleId :

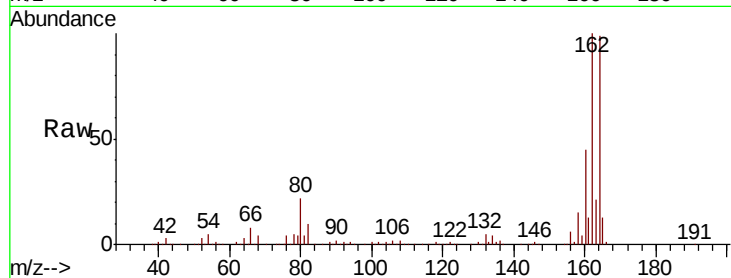
Tot Ion:164 Resp: 403968

Ion Ratio Lower Upper

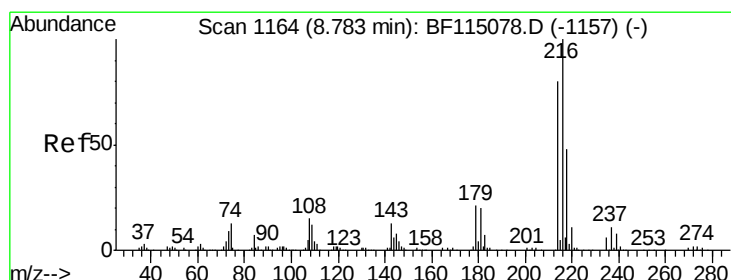
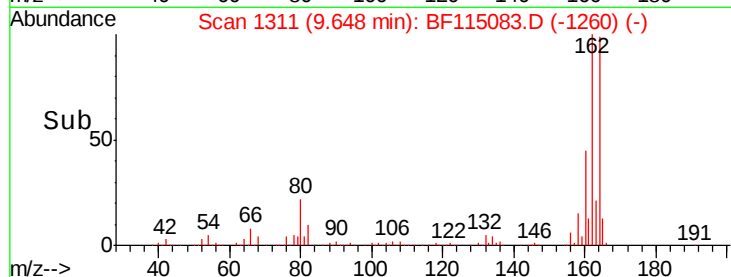
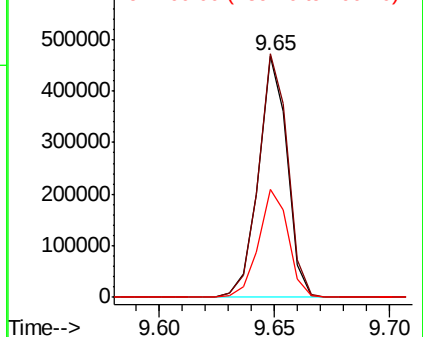
164 100

162 100.9 81.7 122.5

160 45.0 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: 42.707 ng

RT: 8.78 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Tgt Ion:216 Resp: 487517

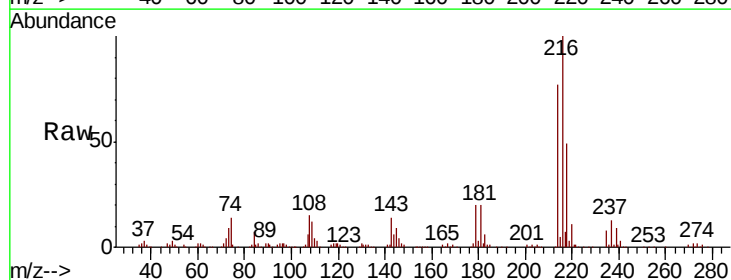
Ion Ratio Lower Upper

216 100

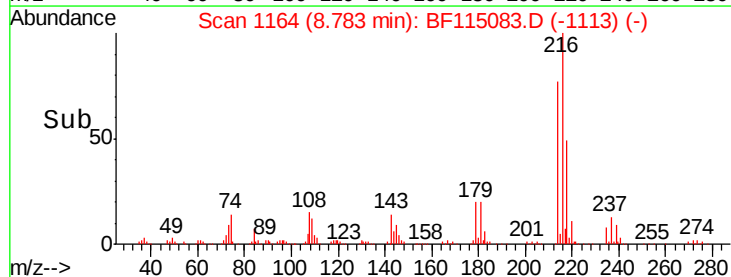
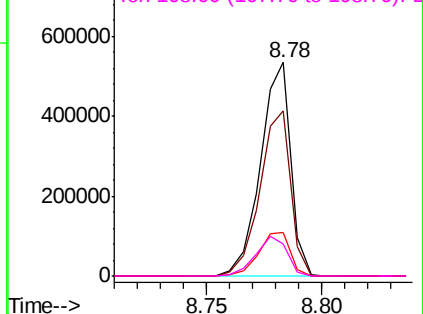
214 78.7 63.8 95.6

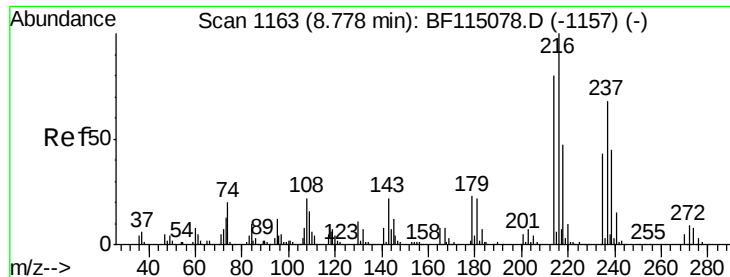
179 21.6 17.6 26.4

108 19.3 15.7 23.5



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





#41

Hexachlorocyclopentadiene

Concen: 41.739 ng

RT: 8.78 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Instrument :

BNA_F

ClientSampleId :

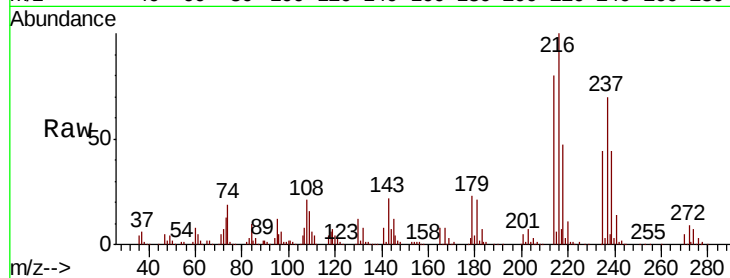
Tot Ion:237 Resp: 282528

Ion Ratio Lower Upper

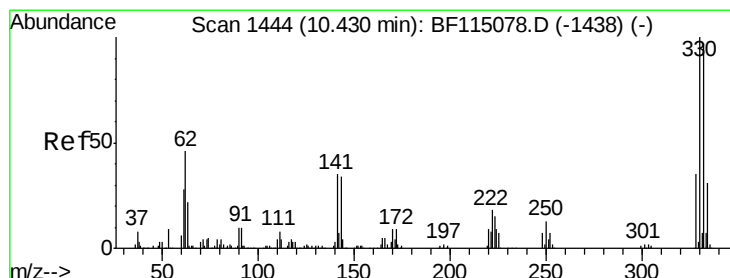
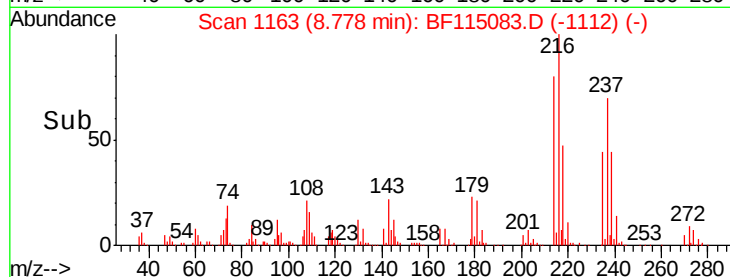
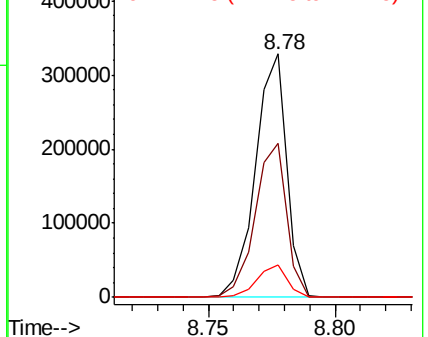
237 100

235 63.2 43.9 83.9

272 13.5 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 86.450 ng

RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

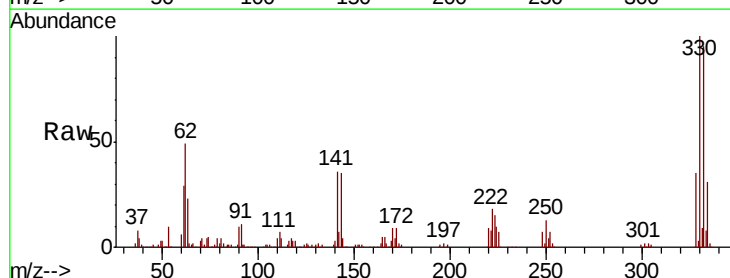
Tgt Ion:330 Resp: 368275

Ion Ratio Lower Upper

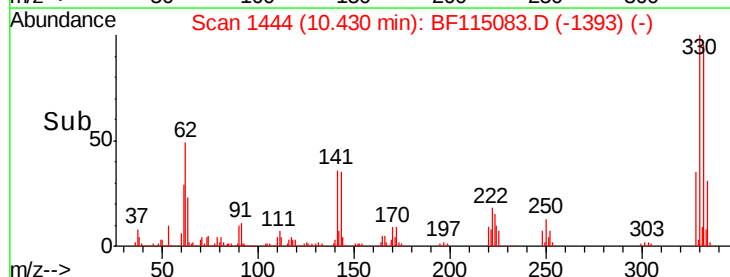
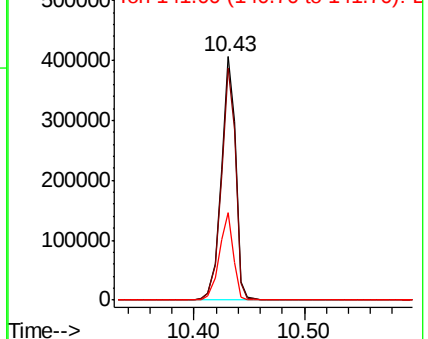
330 100

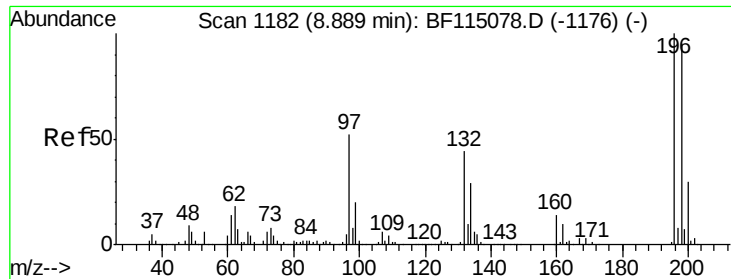
332 95.6 77.3 115.9

141 35.0 28.2 42.2



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

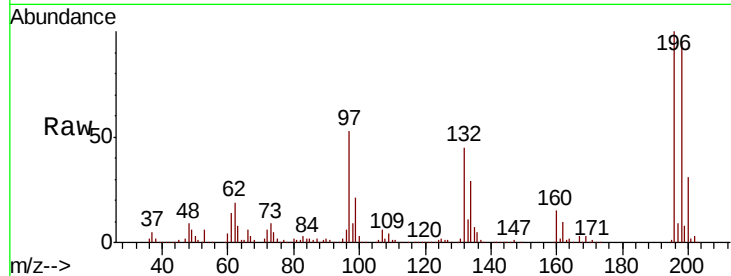




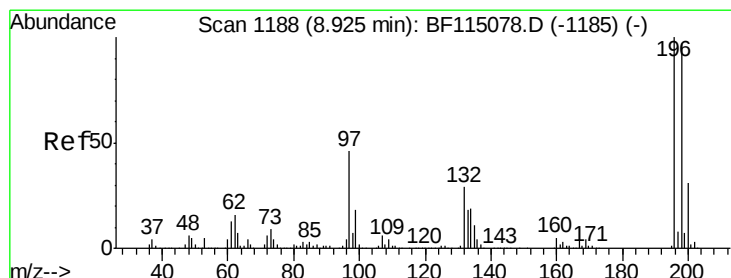
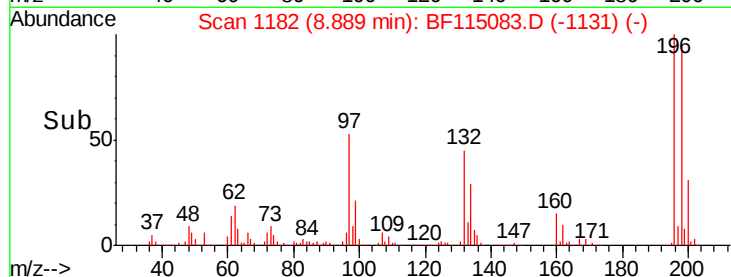
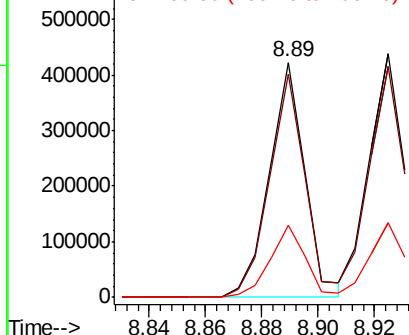
#43
 2,4,6-Trichlorophenol
 Concen: 41.843 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115083.D
 Acq: 21 Jun 2019 17:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	368767
Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.3	114.5
200	30.5	24.2	36.4

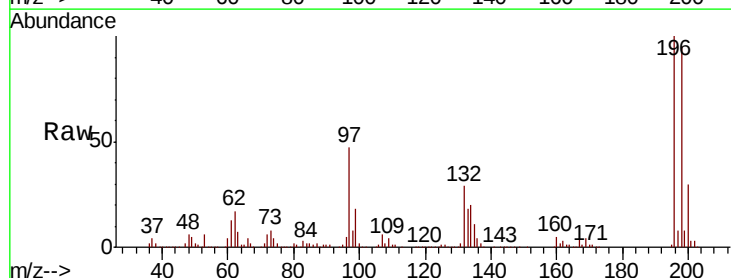


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

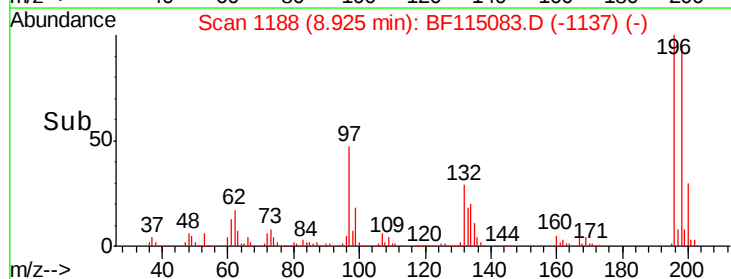
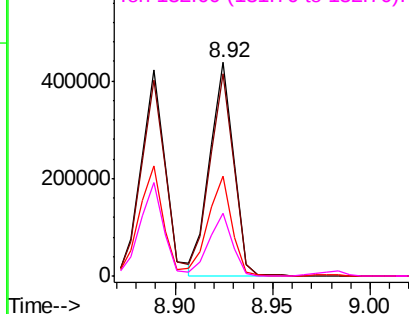


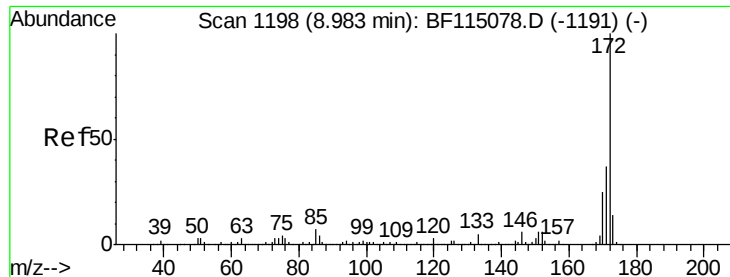
#44
 2,4,5-Trichlorophenol
 Concen: 41.016 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF115083.D
 Acq: 21 Jun 2019 17:44

Tgt Ion	196	Resp	372258
Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.1	115.7
97	47.1	37.7	56.5
132	29.3	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



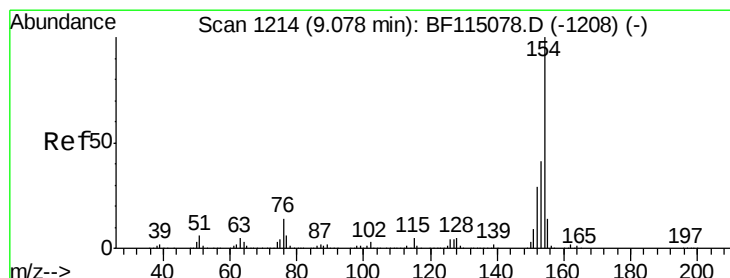
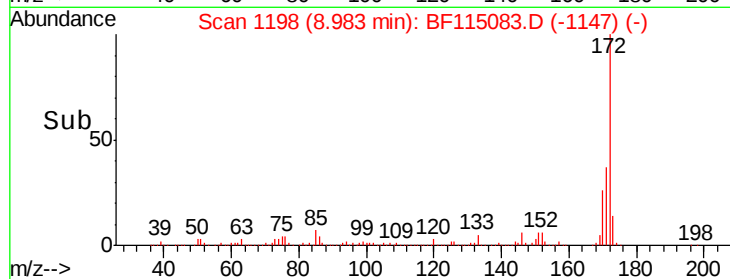
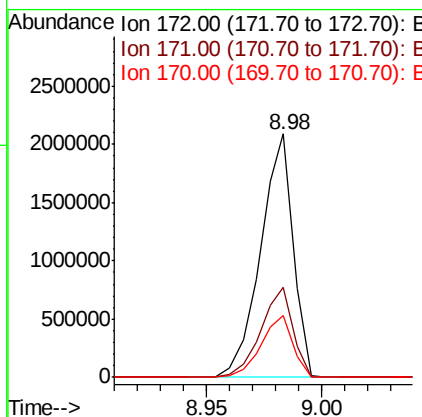
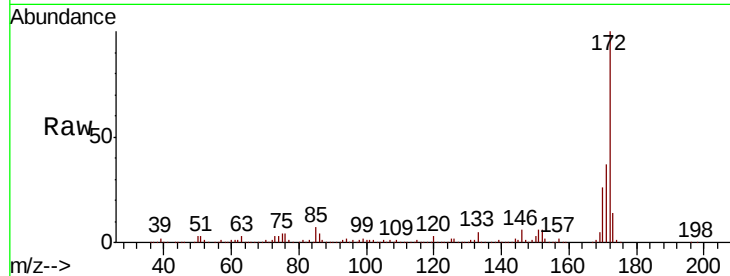


#45
 2-Fluorobiphenyl
 Concen: 86.178 ng
 RT: 8.98 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115083.D
 Acq: 21 Jun 2019 17:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2049504

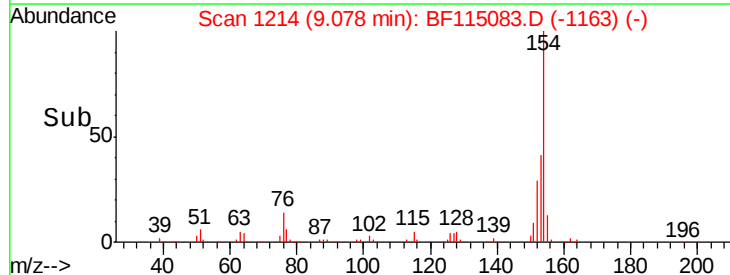
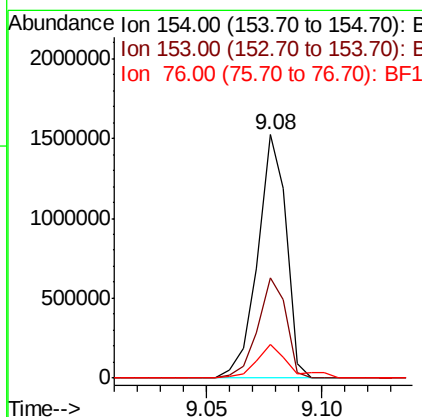
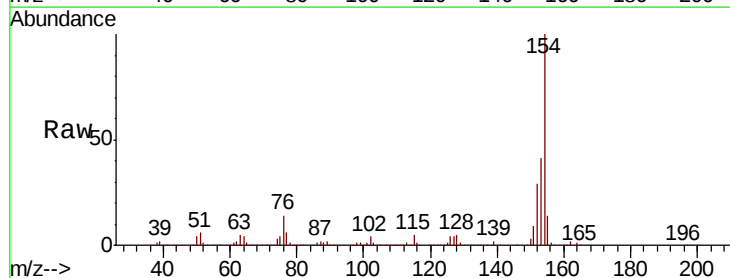
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	25.6	20.3	30.5

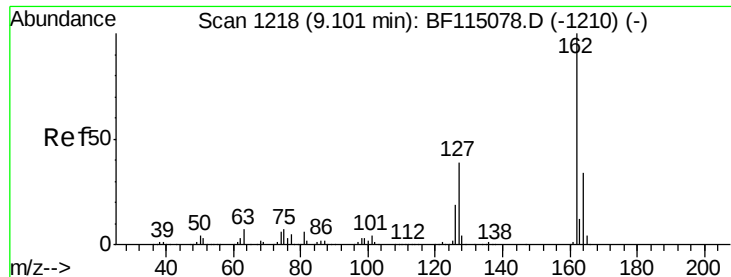


#46
 1,1'-Biphenyl
 Concen: 40.841 ng
 RT: 9.08 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF115083.D
 Acq: 21 Jun 2019 17:44

Tgt Ion:154 Resp: 1320096

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.9	60.9
76	13.8	0.0	34.1

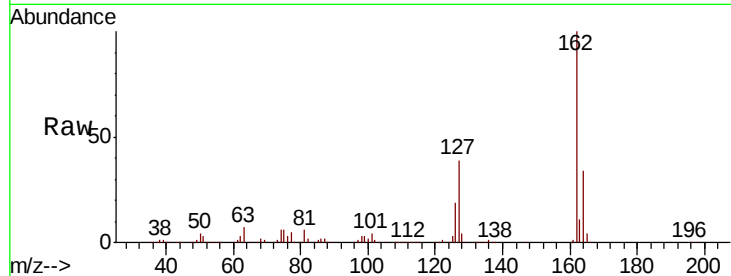




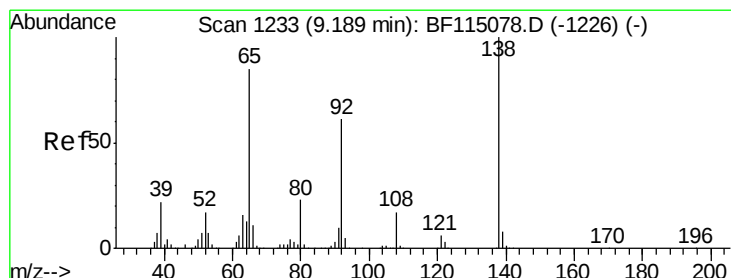
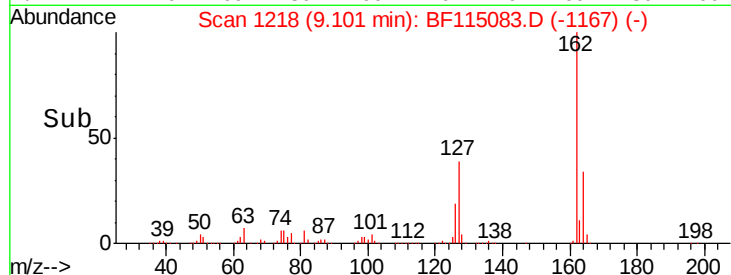
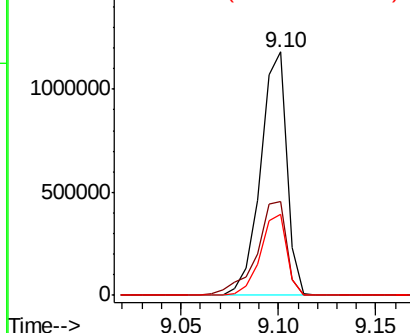
#47
2-Chloronaphthalene
Concen: 41.934 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1099467
Ion Ratio Lower Upper
162 100
127 38.7 30.8 46.2
164 33.5 27.0 40.4

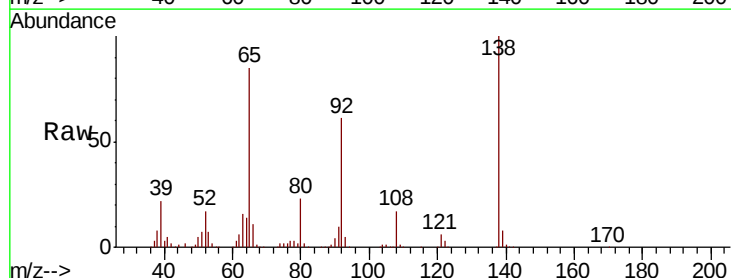


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

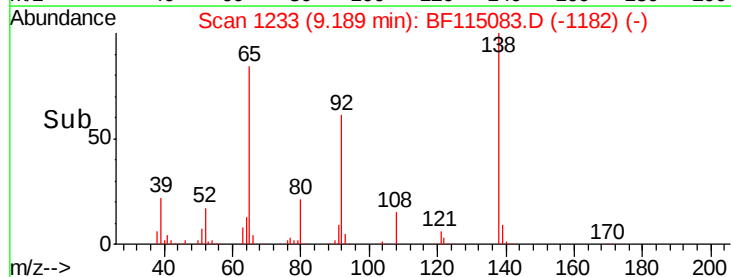
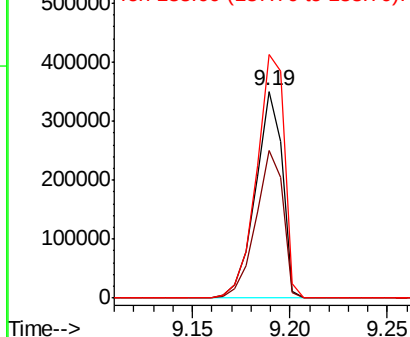


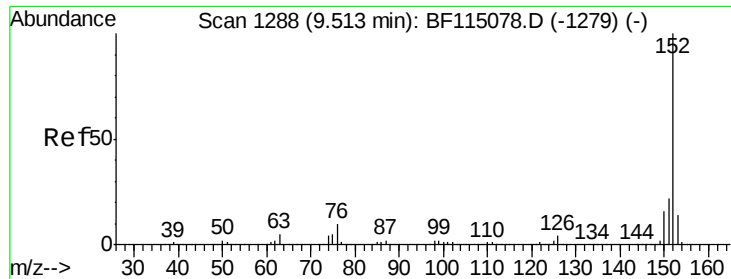
#48
2-Nitroaniline
Concen: 43.594 ng
RT: 9.19 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion: 65 Resp: 333232
Ion Ratio Lower Upper
65 100
92 71.4 57.4 86.2
138 117.9 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: 42.109 ng

RT: 9.51 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Instrument :

BNA_F

ClientSampleId :

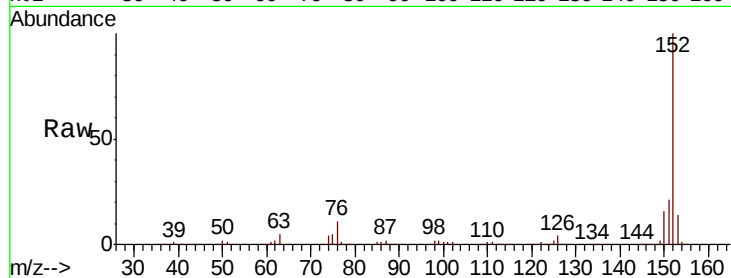
Tot Ion:152 Resp: 1720175

Ion Ratio Lower Upper

152 100

151 21.4 17.2 25.8

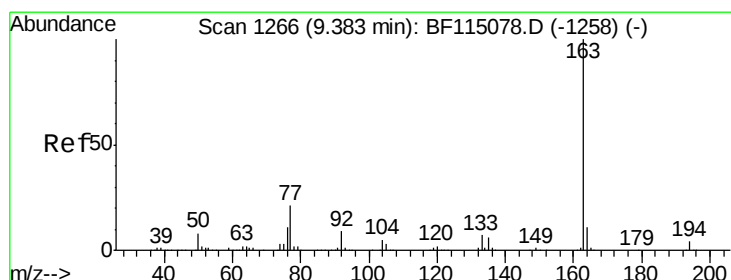
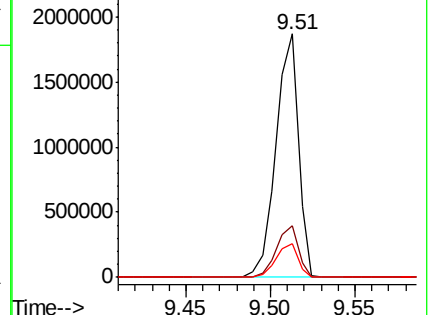
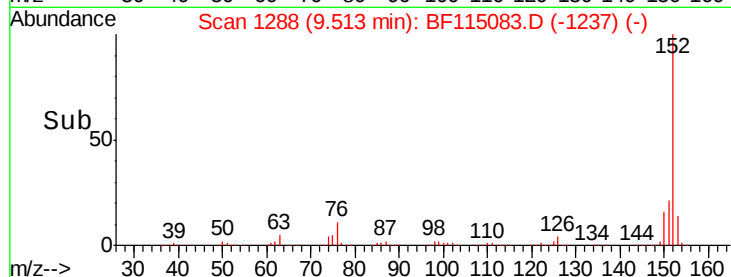
153 14.1 11.0 16.6



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: 42.329 ng

RT: 9.38 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

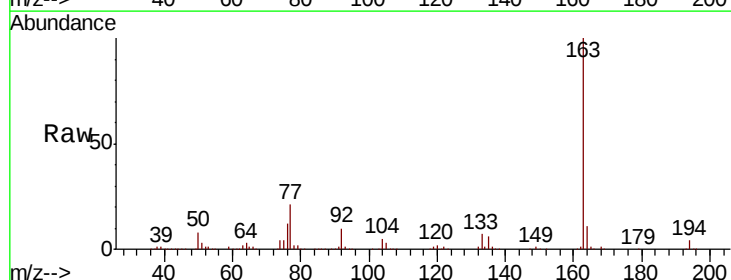
Tgt Ion:163 Resp: 1258058

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

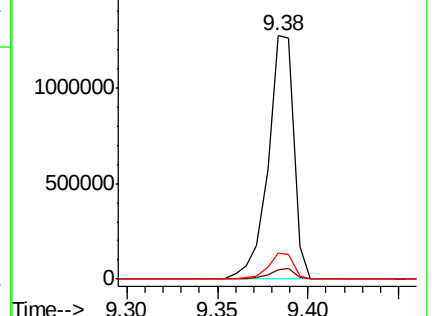
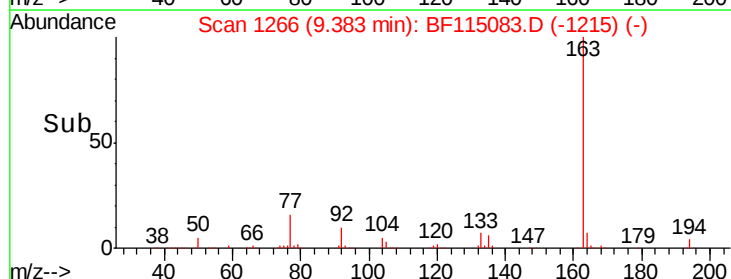
164 10.8 8.6 13.0

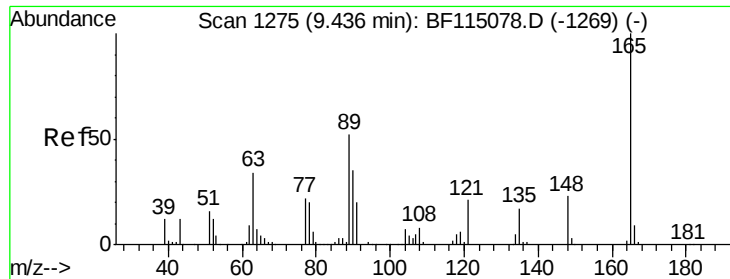


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

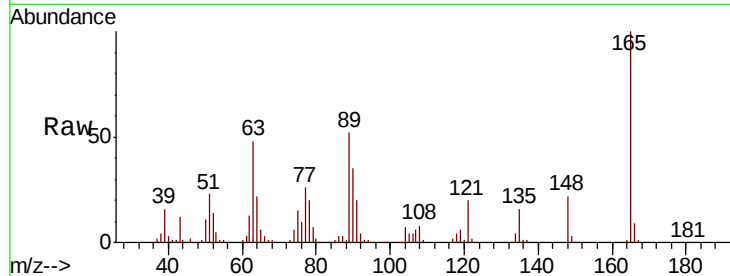




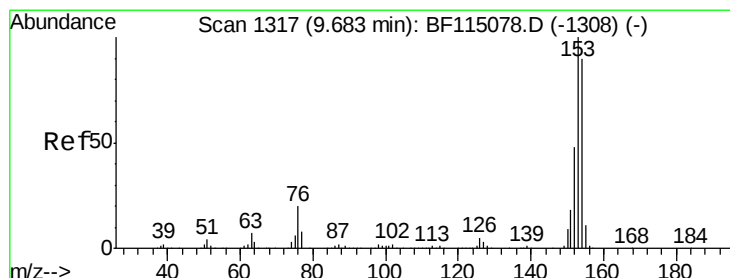
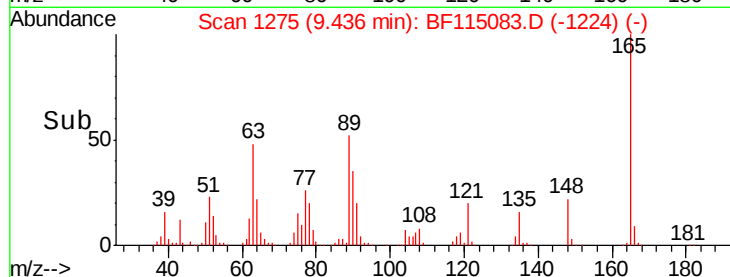
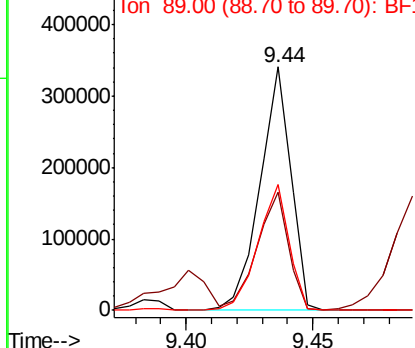
#51
2,6-Dinitrotoluene
Concen: 42.502 ng
RT: 9.44 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.4	39.4	59.2
89	51.9	42.0	63.0

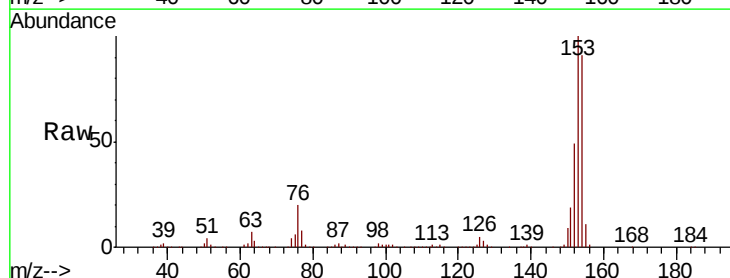


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

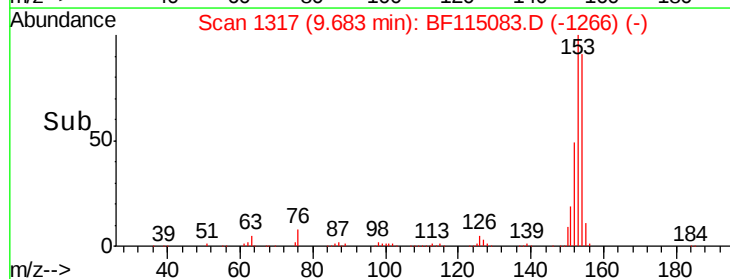
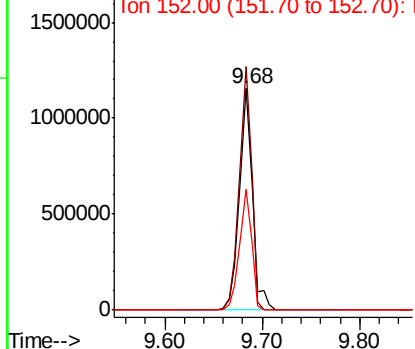


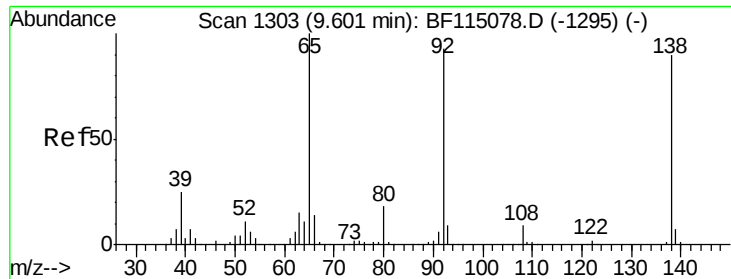
#52
Acenaphthene
Concen: 42.253 ng
RT: 9.68 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.0	88.7	133.1
152	54.4	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

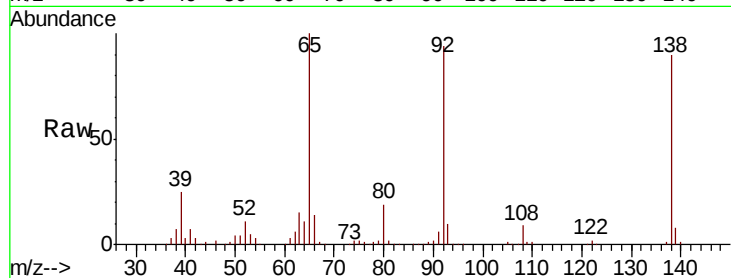




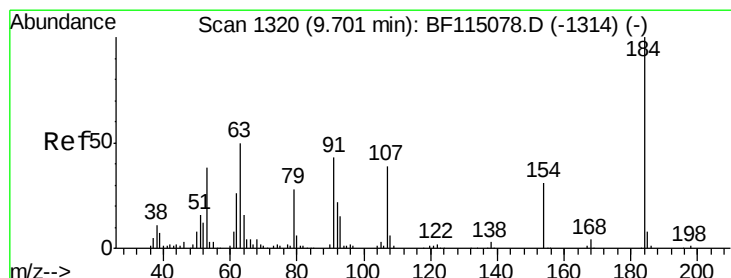
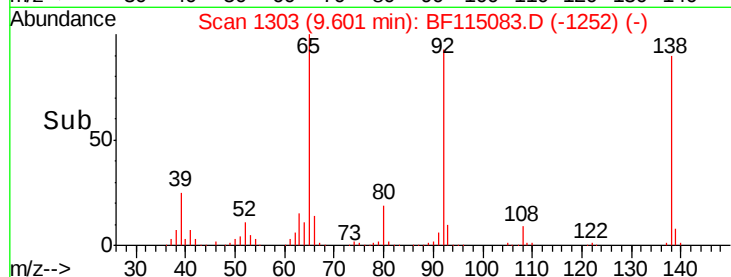
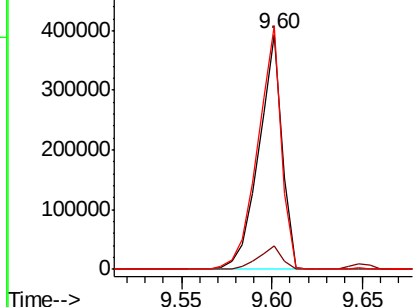
#53
3-Nitroaniline
Concen: 42.108 ng
RT: 9.60 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 352585
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.6
92 103.7 82.9 124.3

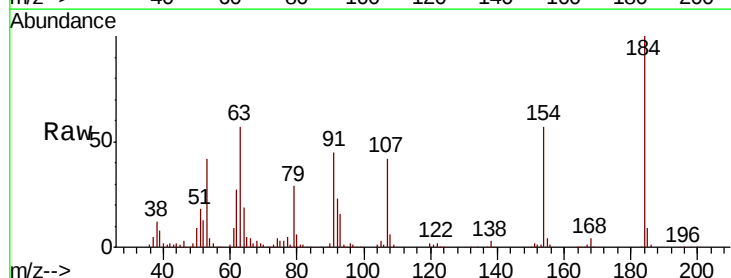


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

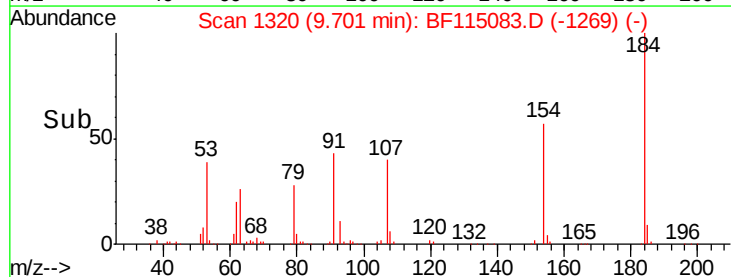
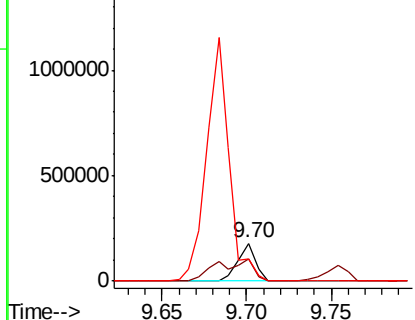


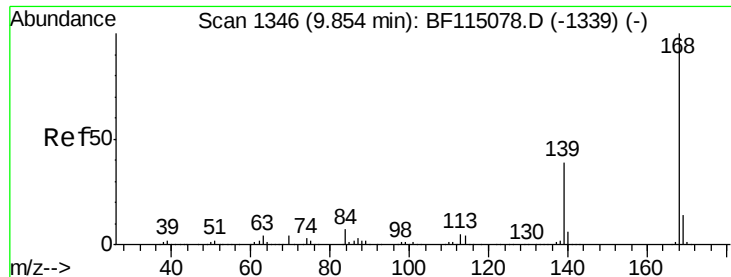
#54
2,4-Dinitrophenol
Concen: 41.432 ng
RT: 9.70 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion:184 Resp: 132524
Ion Ratio Lower Upper
184 100
63 56.6 41.9 62.9
154 56.8 44.7 67.1



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

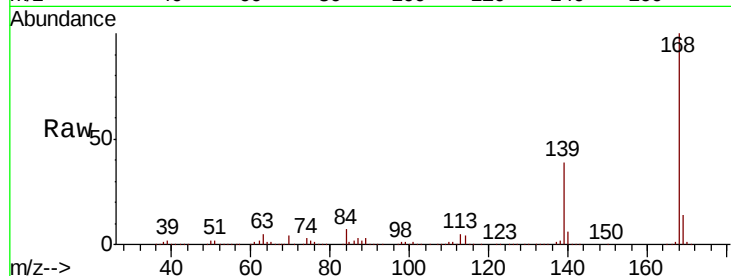




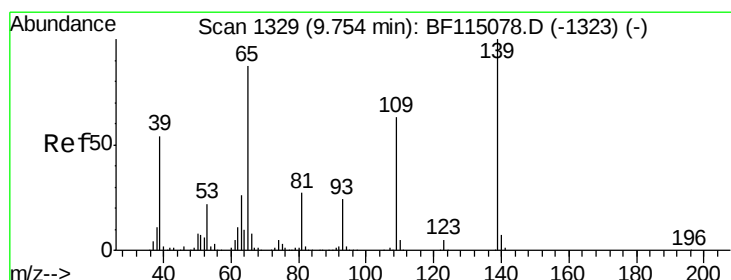
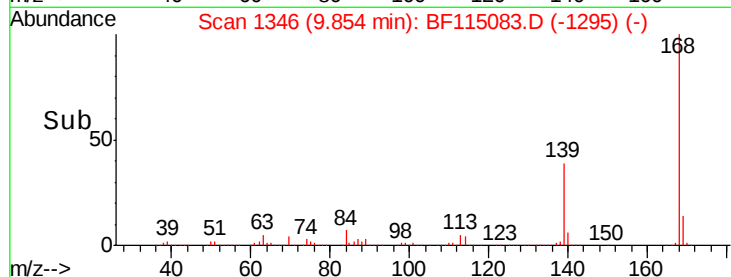
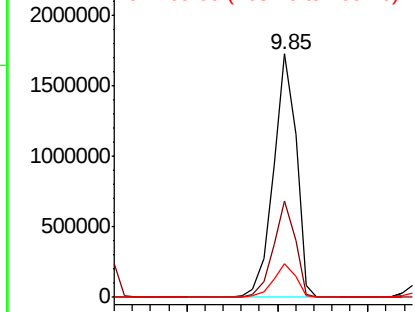
#55
Dibenzofuran
Concen: 40.883 ng
RT: 9.85 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1499946
Ion Ratio Lower Upper
168 100
139 39.5 31.1 46.7
169 14.1 11.3 16.9

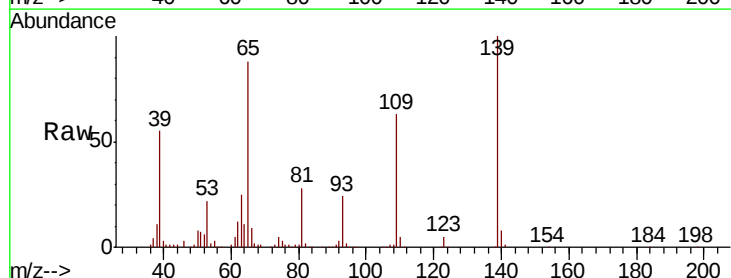


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

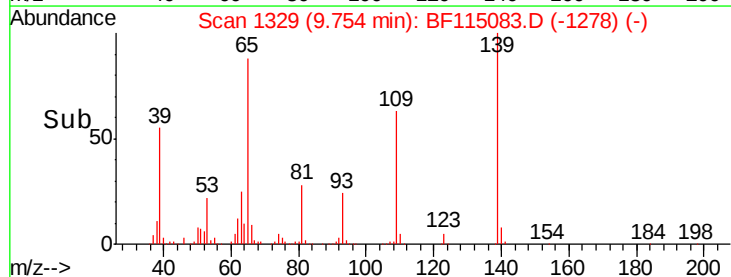
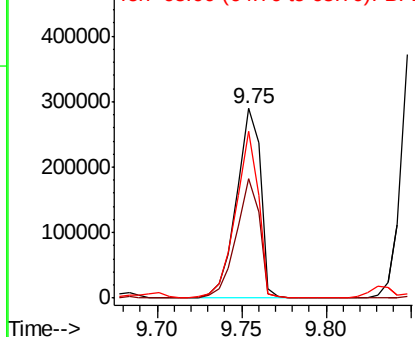


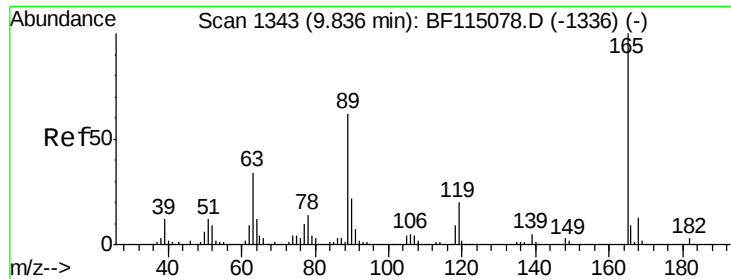
#56
4-Nitrophenol
Concen: 43.118 ng
RT: 9.75 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion:139 Resp: 289451
Ion Ratio Lower Upper
139 100
109 62.9 43.0 83.0
65 87.7 67.0 107.0



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

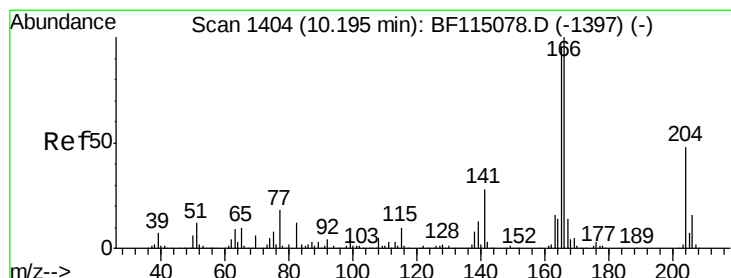
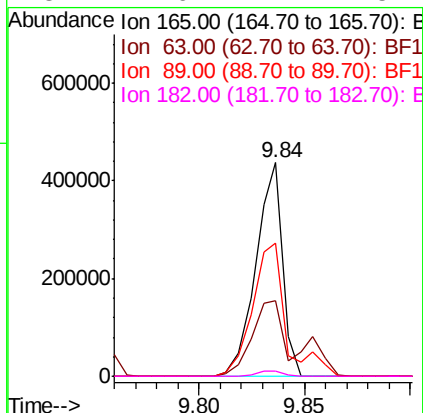
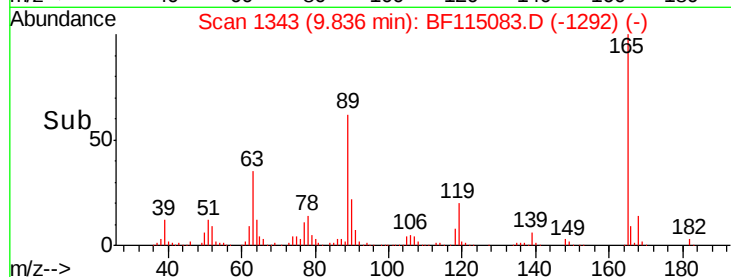
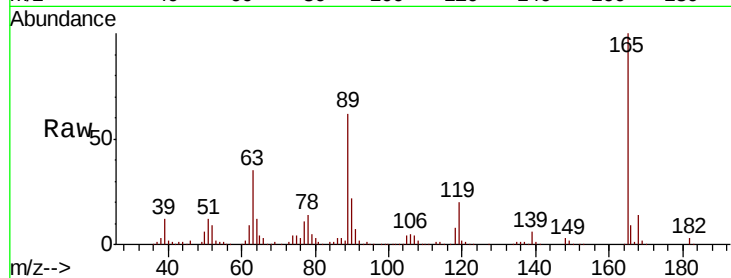




#57
2,4-Dinitrotoluene
Concen: 43.379 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

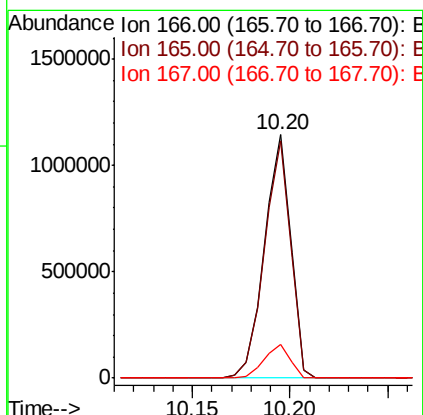
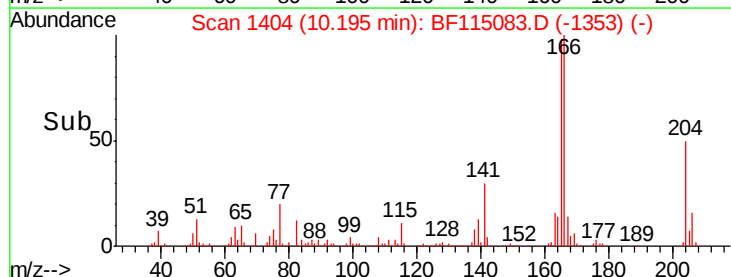
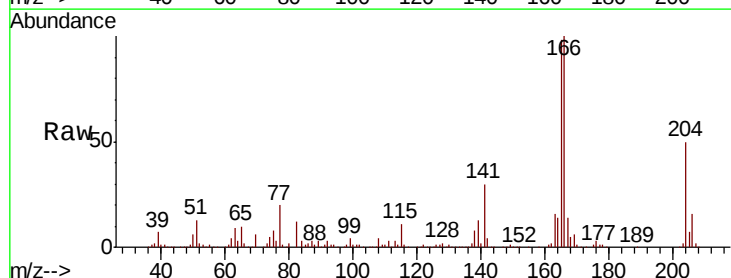
Instrument :
BNA_F
ClientSampleId :

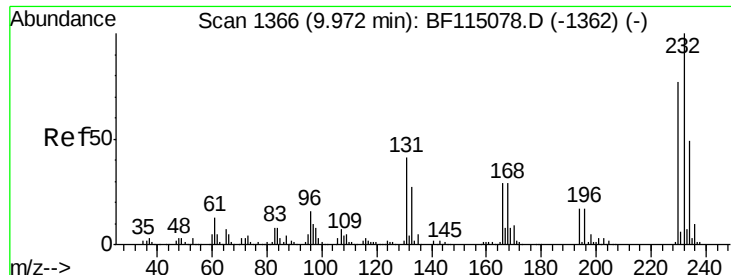
Tot Ion	Ratio	Lower	Upper
165	100		
63	35.1	27.5	41.3
89	62.3	49.9	74.9
182	2.6	2.1	3.1



#58
Fluorene
Concen: 43.522 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	76.5	114.7
167	13.8	11.0	16.4

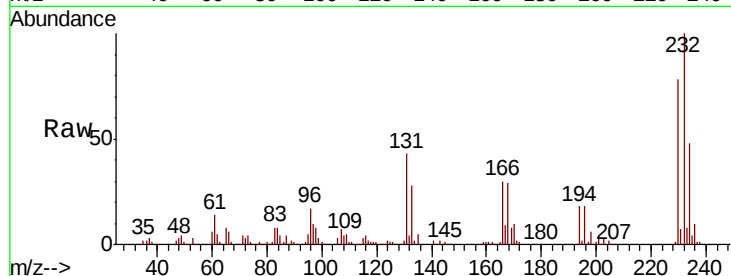




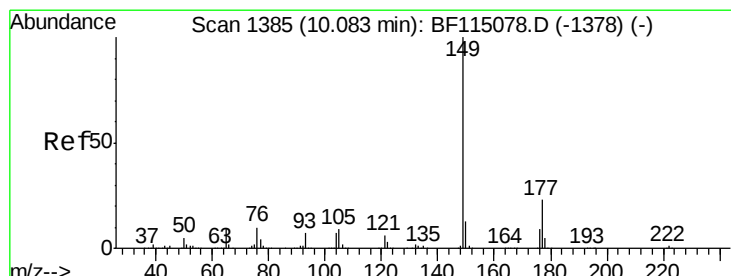
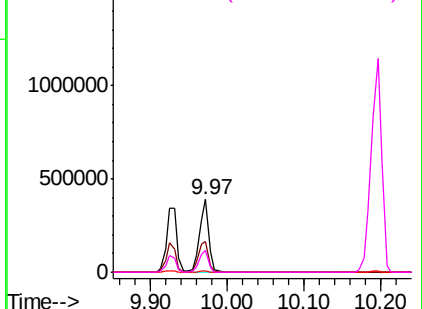
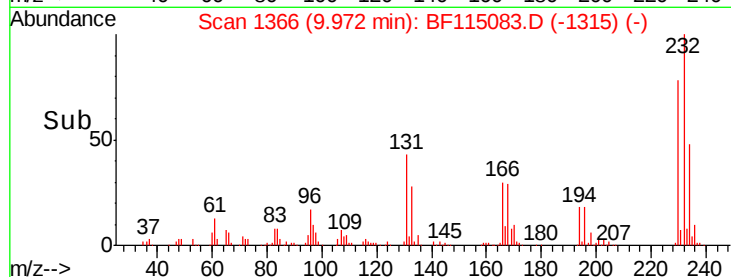
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.720 ng
RT: 9.97 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	232	Resp:	325112
Ion	Ratio	Lower	Upper
232	100		
131	45.8	37.4	56.0
130	2.2	1.8	2.6
166	30.4	24.6	36.8

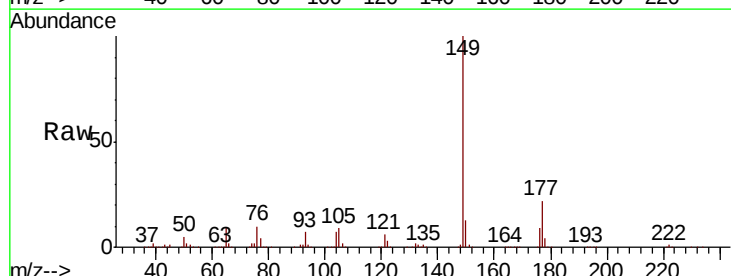


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

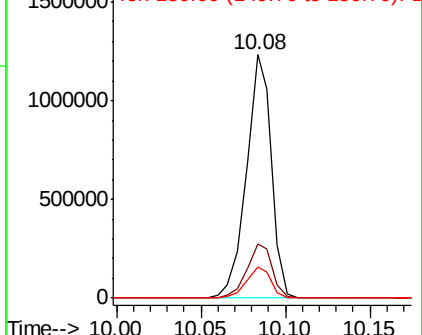
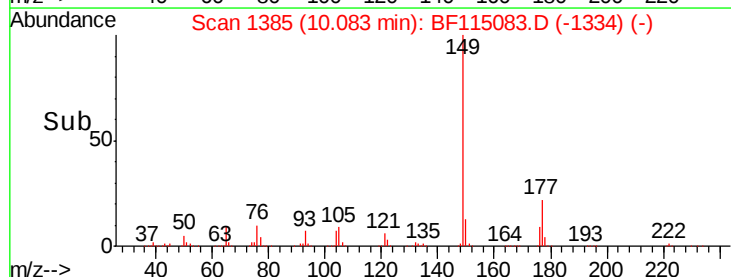


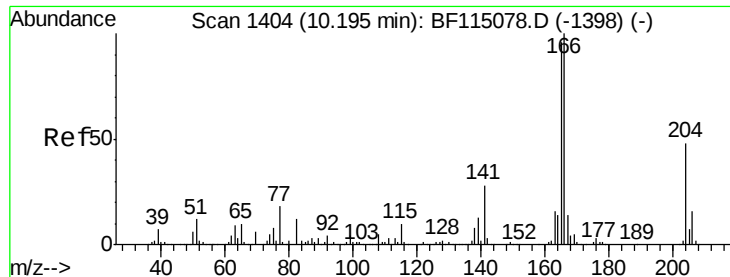
#60
Diethylphthalate
Concen: 42.373 ng
RT: 10.08 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion:	149	Resp:	1265902
Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.7	28.1
150	12.8	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

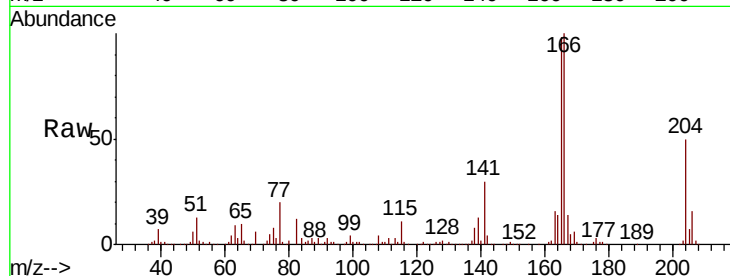




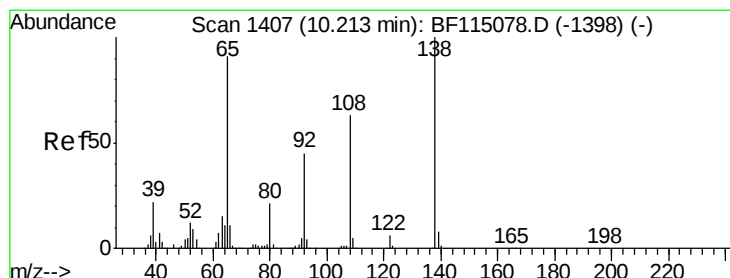
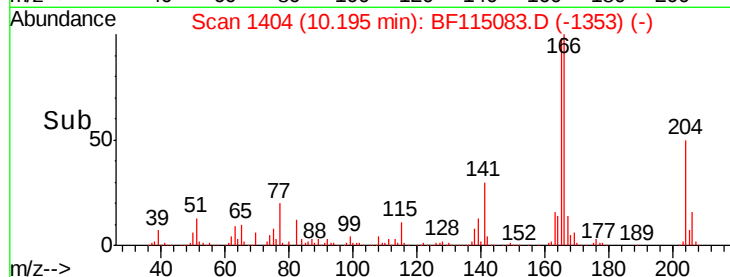
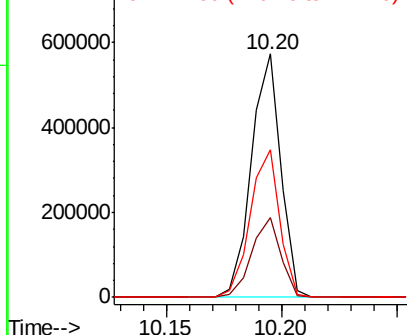
#61
4-Chlorophenyl-phenylether
Concen: 43.787 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 510407
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 60.7 46.7 70.1

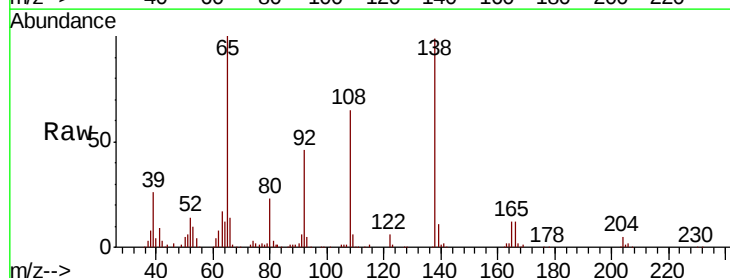


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

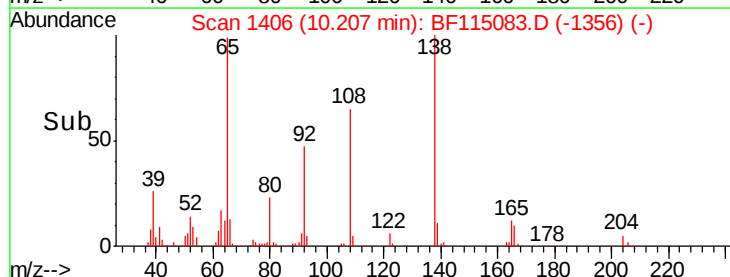
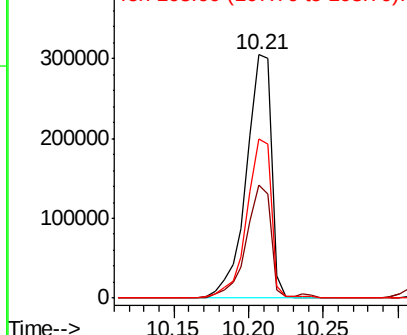


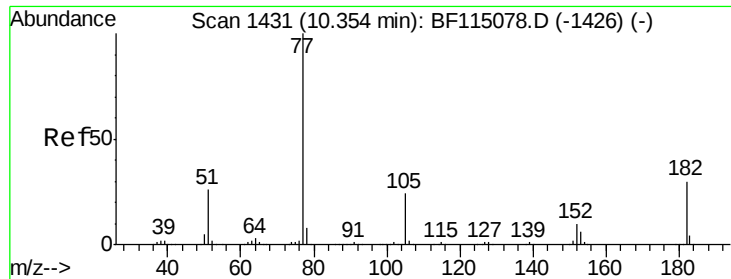
#62
4-Nitroaniline
Concen: 42.254 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion:138 Resp: 354944
Ion Ratio Lower Upper
138 100
92 46.6 24.8 64.8
108 65.4 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

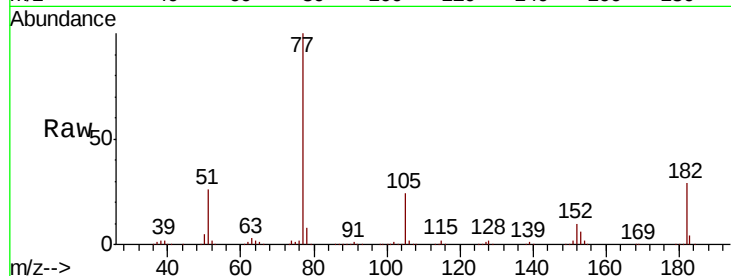




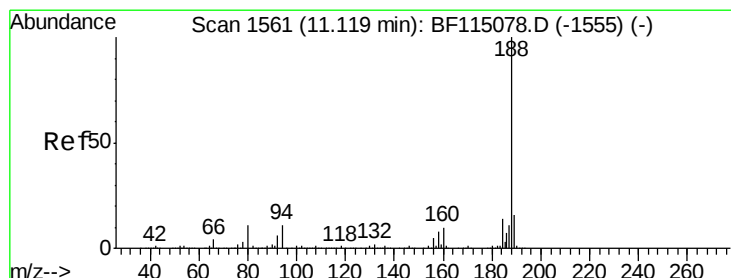
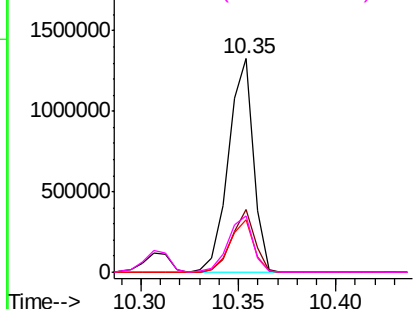
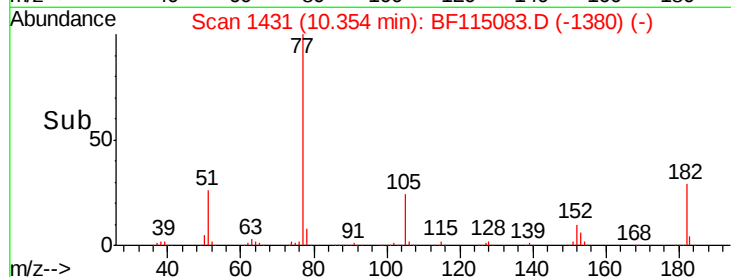
#63
Azobenzene
Concen: 42.062 ng
RT: 10.35 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1173736
Ion Ratio Lower Upper
77 100
182 29.5 10.1 50.1
105 24.4 4.5 44.5
51 26.3 6.4 46.4

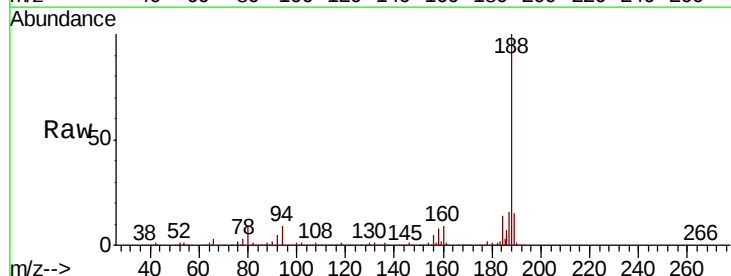


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

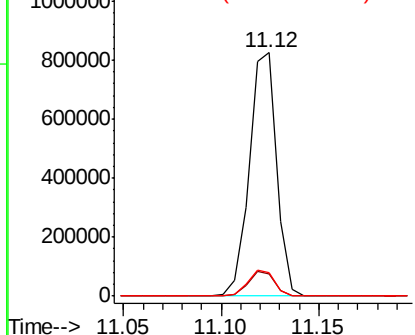
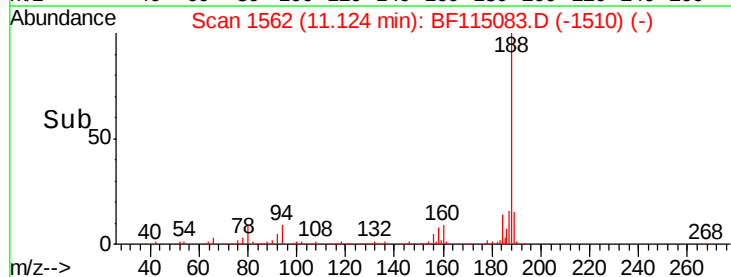


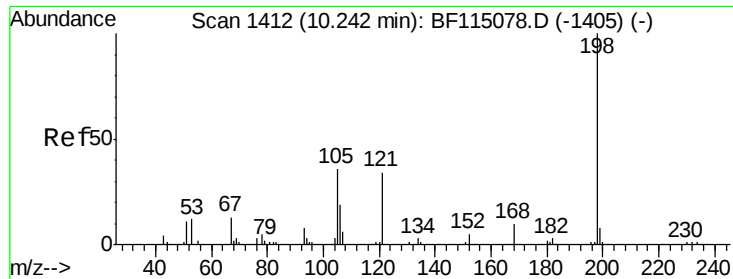
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion: 188 Resp: 798922
Ion Ratio Lower Upper
188 100
94 9.2 8.6 12.8
80 9.4 8.8 13.2



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

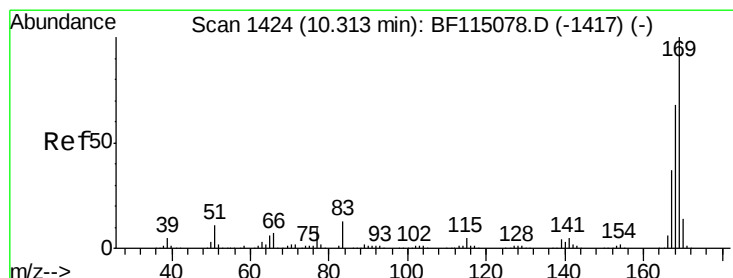
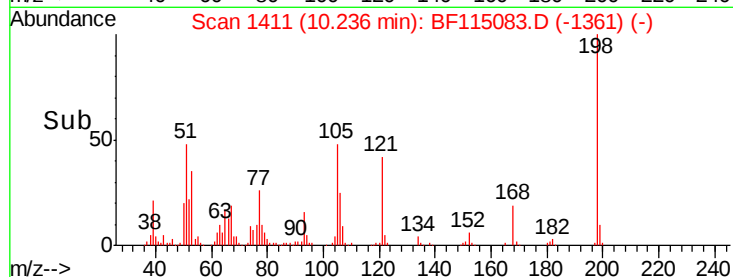
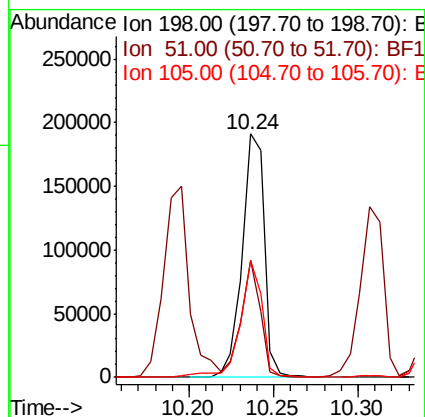
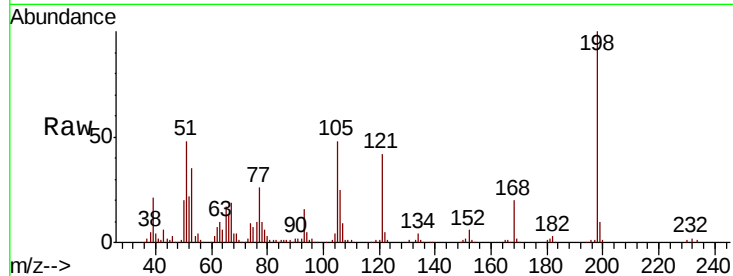




#65
4,6-Dinitro-2-methylphenol
Concen: 41.865 ng
RT: 10.24 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

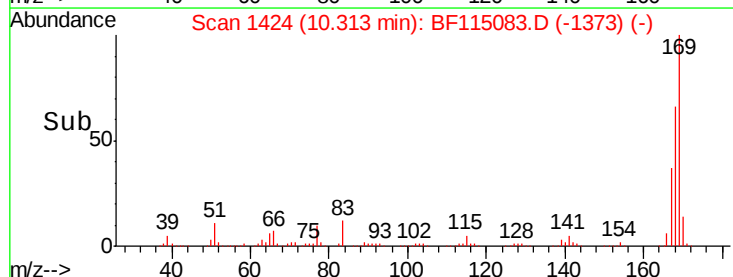
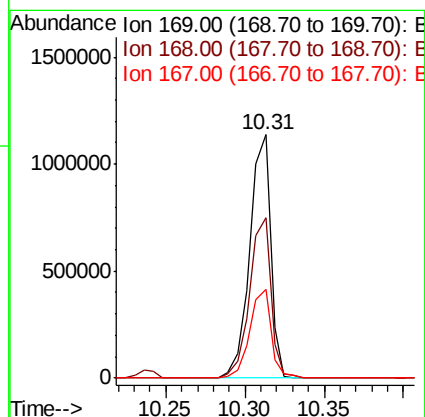
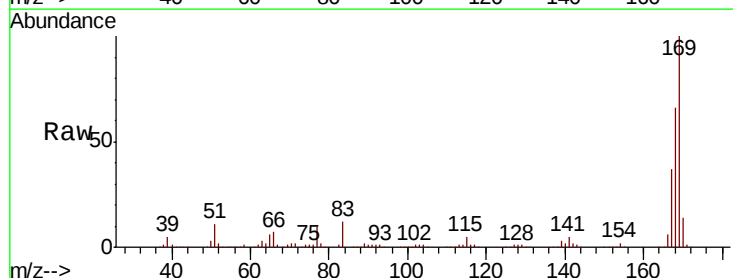
Instrument :
BNA_F
ClientSampled :

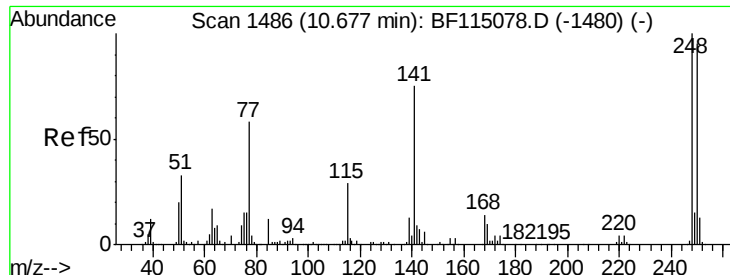
Tot Ion:198 Resp: 174958
Ion Ratio Lower Upper
198 100
51 47.8 11.0 51.0
105 48.2 17.3 57.3



#66
n-Nitrosodiphenylamine
Concen: 41.758 ng
RT: 10.31 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion:169 Resp: 1039375
Ion Ratio Lower Upper
169 100
168 65.9 54.2 81.4
167 36.7 29.4 44.0

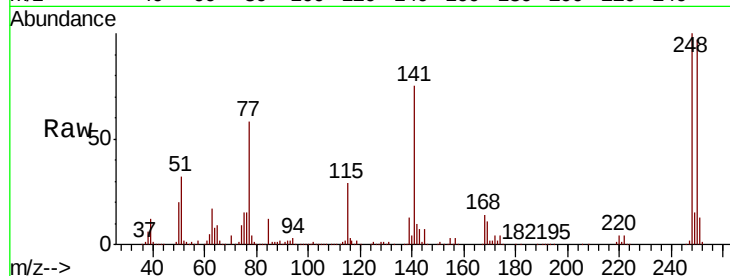




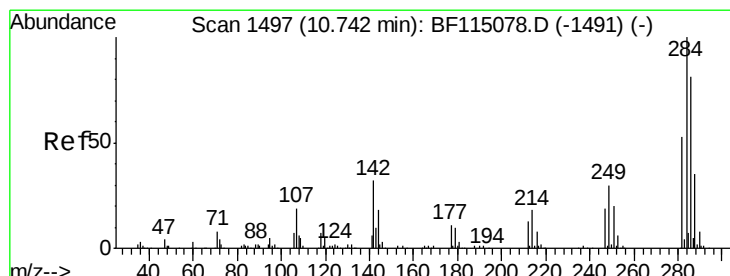
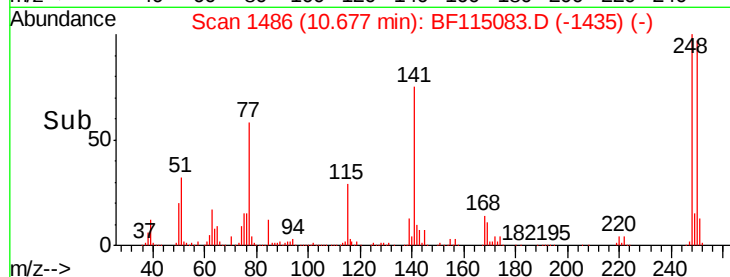
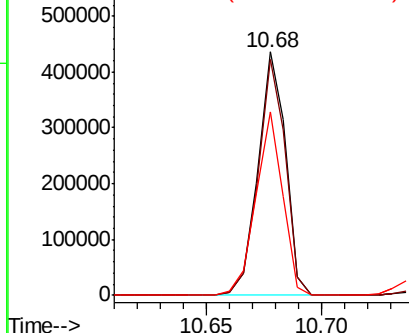
#67
 4-Bromophenyl-phenylether
 Concen: 41.993 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF115083.D
 Acq: 21 Jun 2019 17:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 363737
 Ion Ratio Lower Upper
 248 100
 250 96.7 76.2 114.2
 141 75.3 59.6 89.4

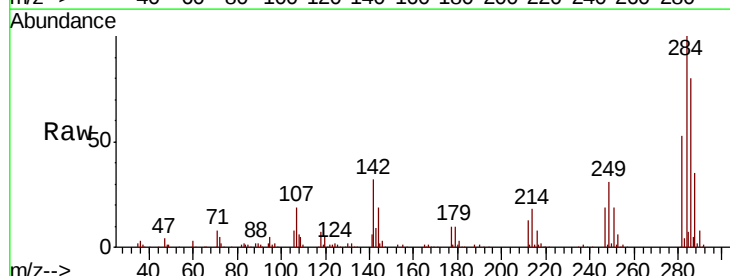


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

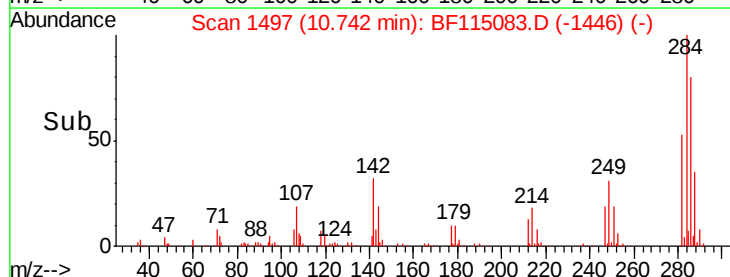
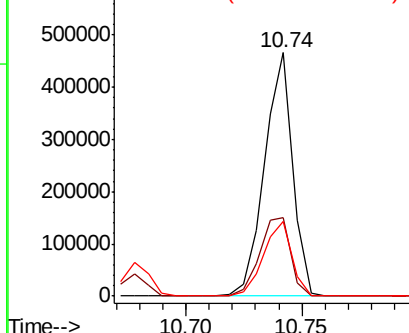


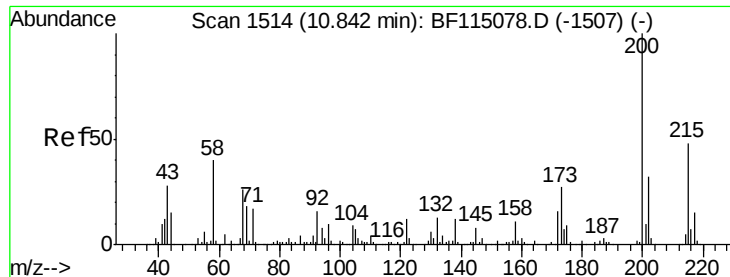
#68
 Hexachlorobenzene
 Concen: 41.947 ng
 RT: 10.74 min Scan# 1497
 Delta R.T. 0.00 min
 Lab File: BF115083.D
 Acq: 21 Jun 2019 17:44

Tgt Ion:284 Resp: 394385
 Ion Ratio Lower Upper
 284 100
 142 32.0 25.8 38.8
 249 30.7 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

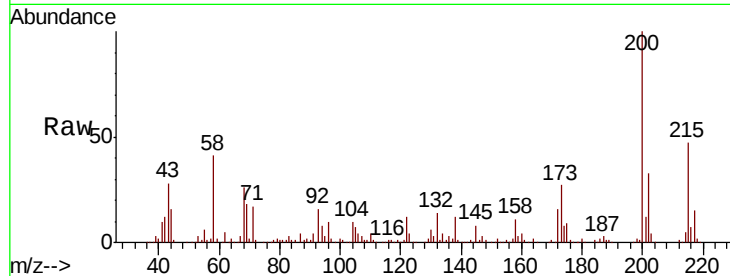




#69
Atrazine
Concen: 40.550 ng
RT: 10.84 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.4	47.4
215	47.5	27.8	67.8

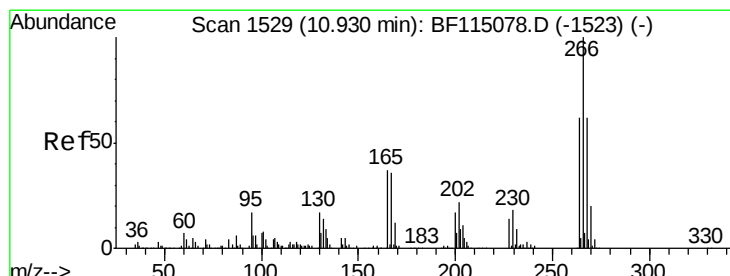
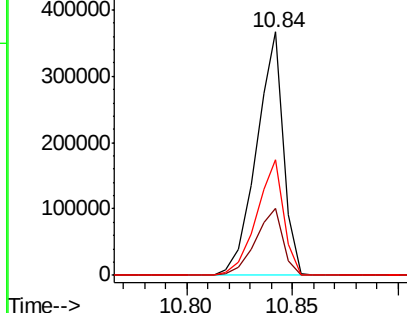
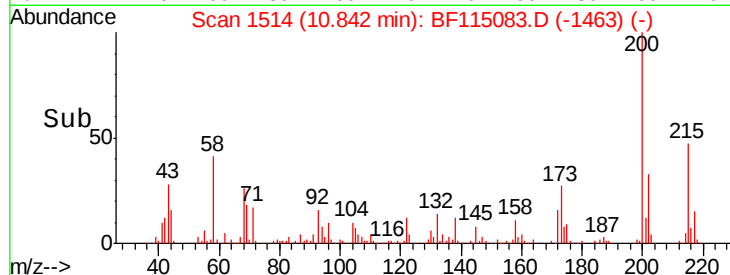


Abundance

Ion 200.00 (199.70 to 200.70): E

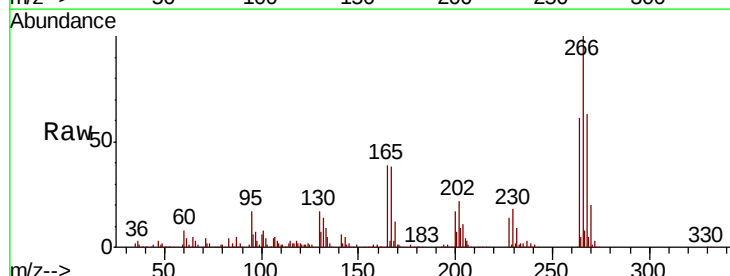
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 43.172 ng
RT: 10.93 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	49.5	74.3
264	61.4	49.3	73.9

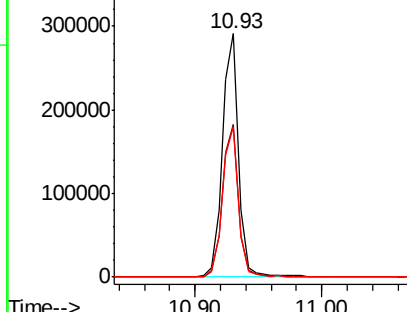
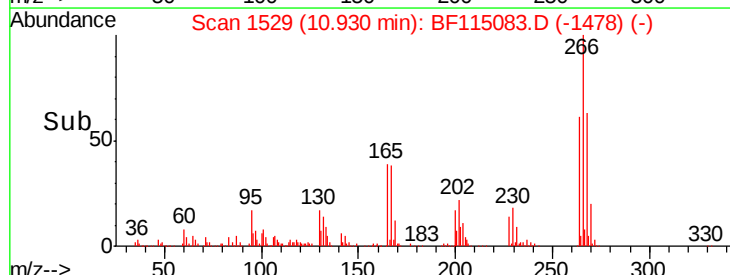


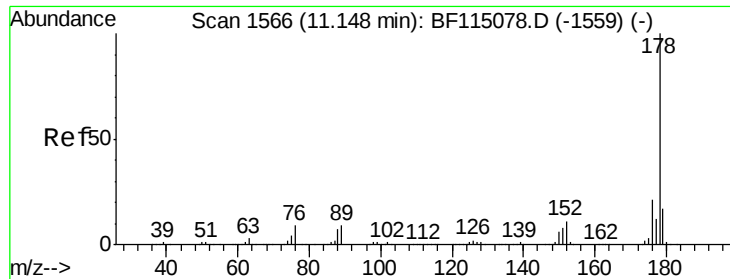
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.327 ng

RT: 11.15 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

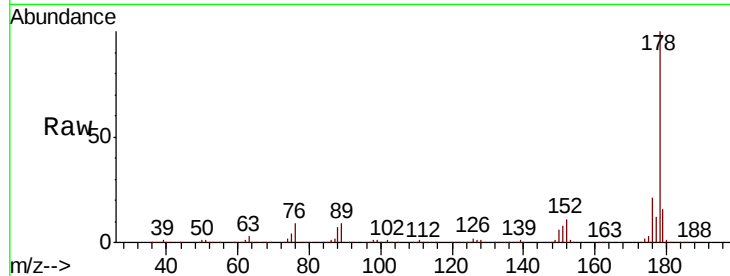
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 1734686

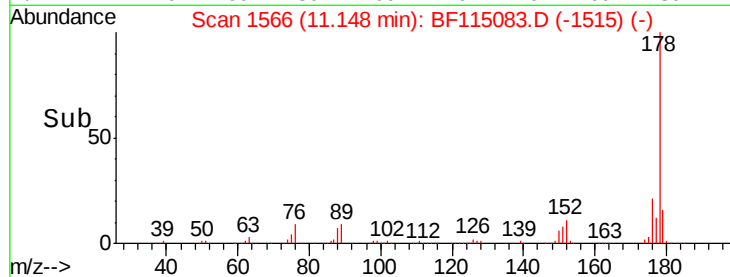
Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.9	25.3
179	16.2	13.2	19.8



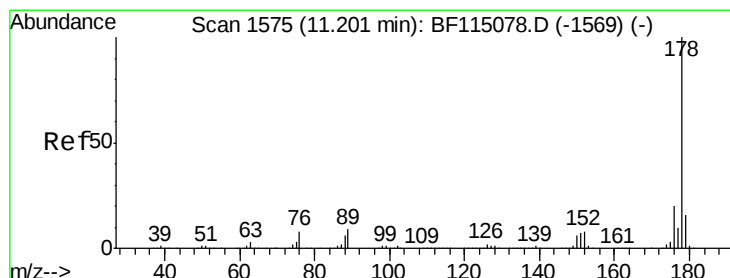
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 40.579 ng

RT: 11.20 min Scan# 1575

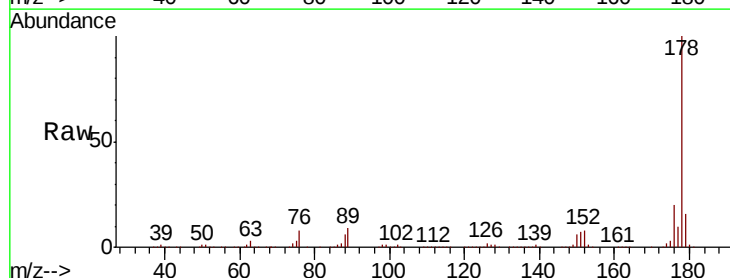
Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Tgt Ion:178 Resp: 1761972

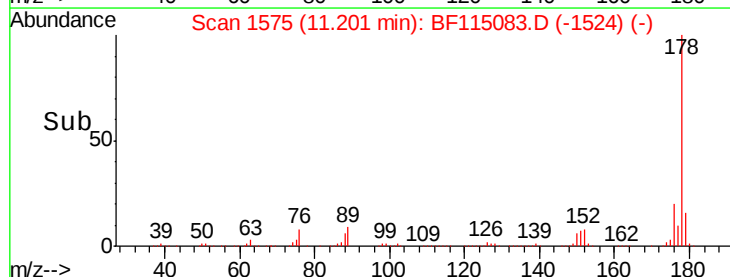
Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.1	24.1
179	16.2	12.9	19.3



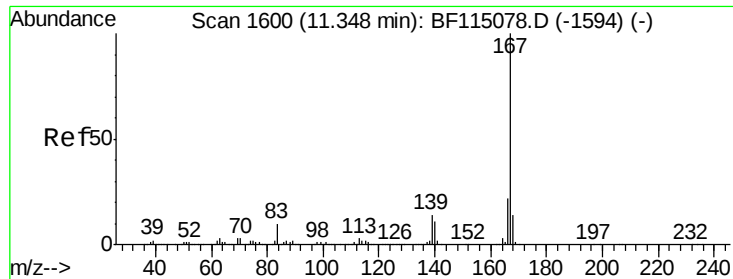
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



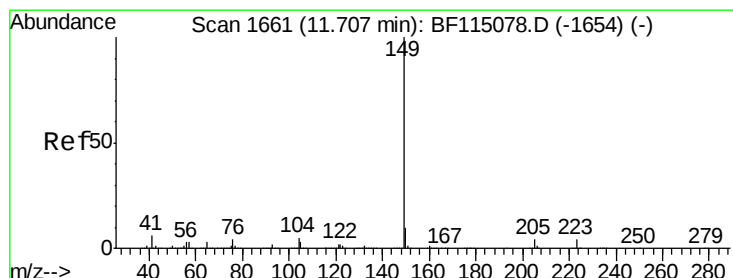
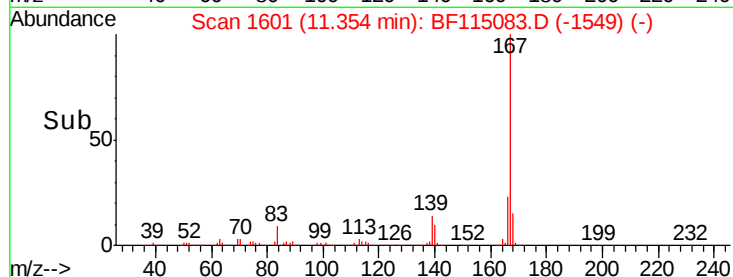
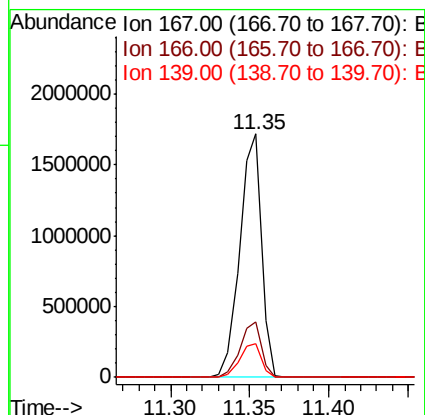
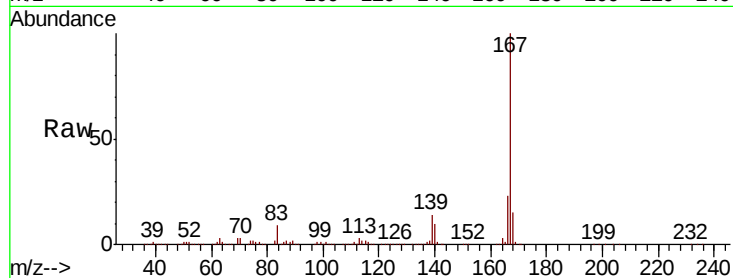
Time-->



#73
 Carbazole
 Concen: 41.916 ng
 RT: 11.35 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF115083.D
 Acq: 21 Jun 2019 17:44

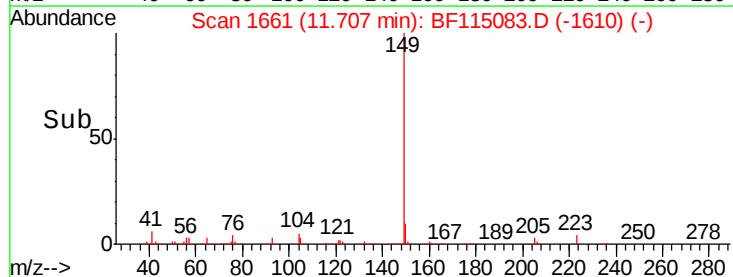
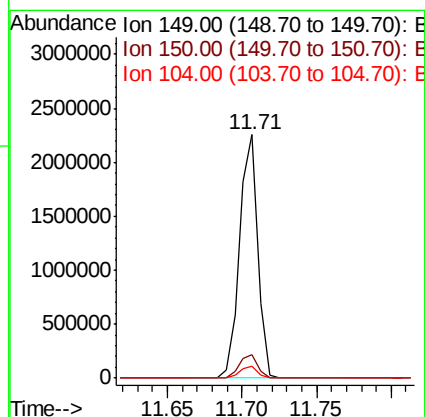
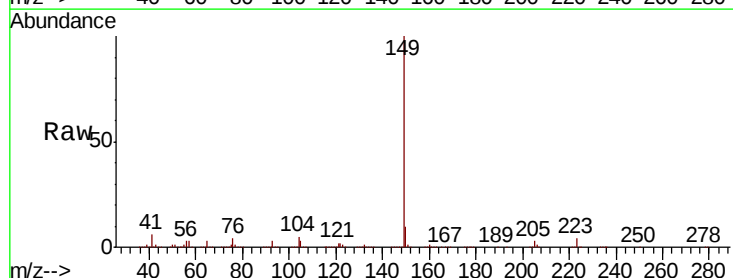
Instrument :
 BNA_F
 ClientSampleId :

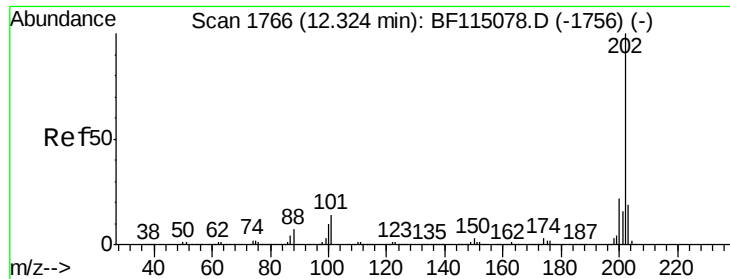
Tot Ion:167 Resp: 1625222
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.0 27.0
 139 13.8 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 43.027 ng
 RT: 11.71 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BF115083.D
 Acq: 21 Jun 2019 17:44

Tgt Ion:149 Resp: 1927798
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 4.7 3.7 5.5





#75

Fluoranthene

Concen: 42.974 ng

RT: 12.33 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Instrument :

BNA_F

ClientSampleId :

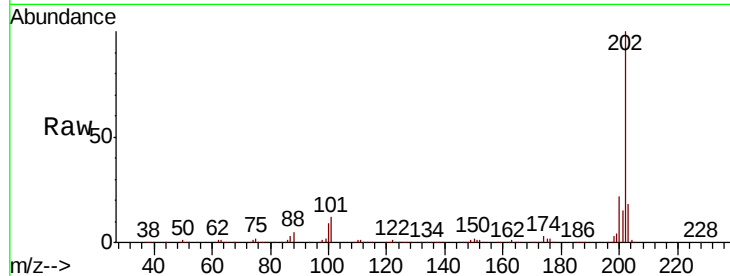
Tot Ion:202 Resp: 1844353

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.0

203 18.3 0.0 38.8

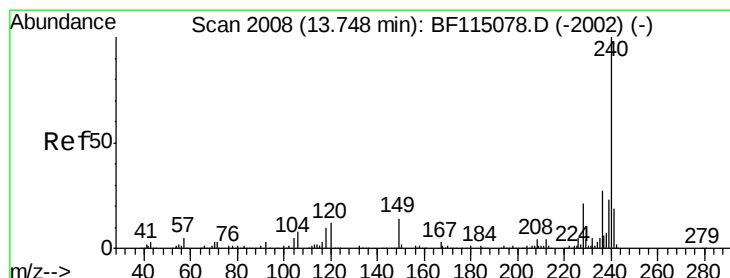
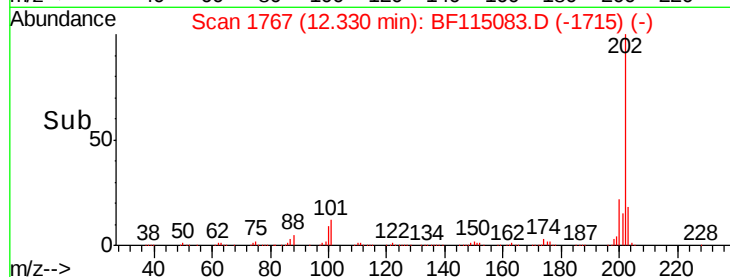
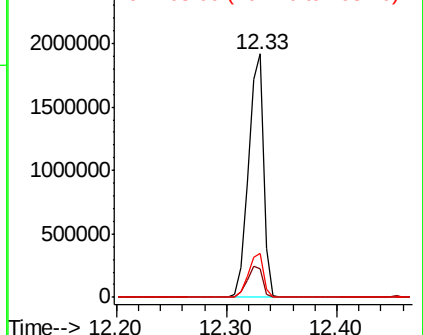


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.75 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

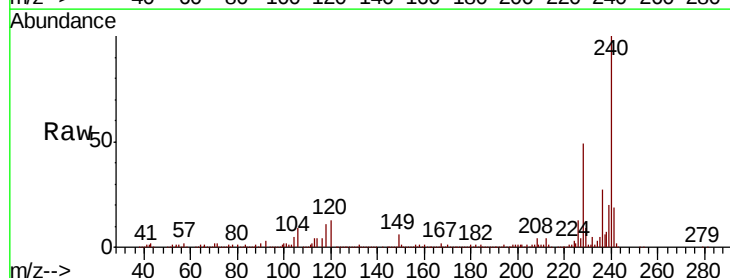
Tgt Ion:240 Resp: 619643

Ion Ratio Lower Upper

240 100

120 12.9 9.4 14.2

236 27.0 21.7 32.5

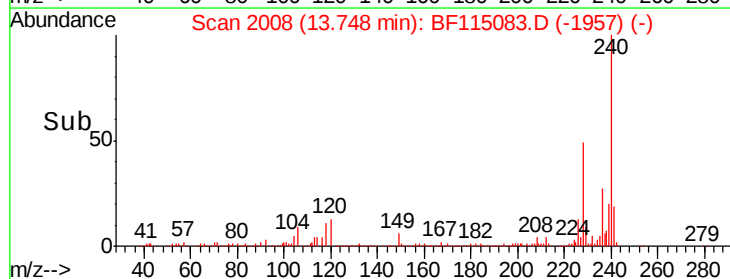
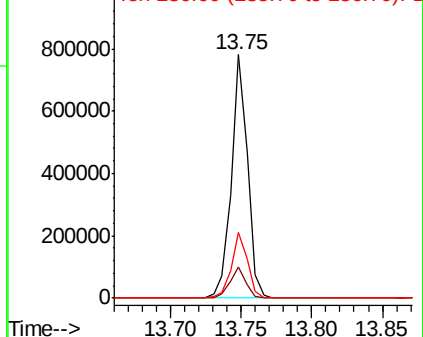


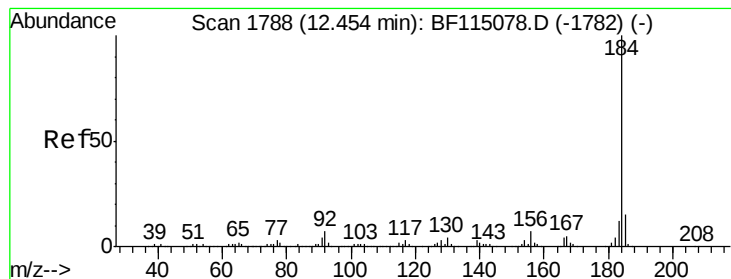
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.660 ng

RT: 12.45 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Instrument :

BNA_F

ClientSampleId :

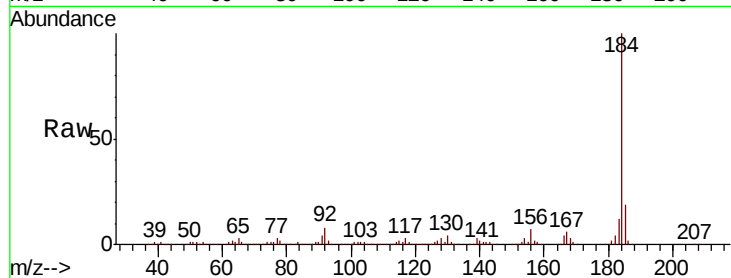
Tot Ion:184 Resp: 1063703

Ion	Ratio	Lower	Upper
184	100		
185	18.9	12.2	18.2#
183	12.0	9.6	14.4

184 100

185 18.9 12.2 18.2#

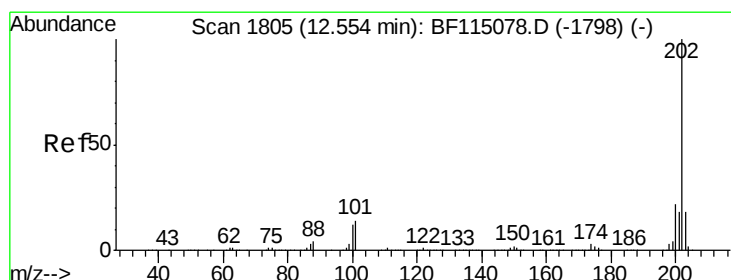
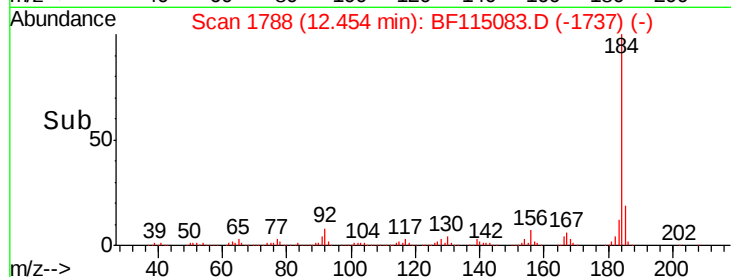
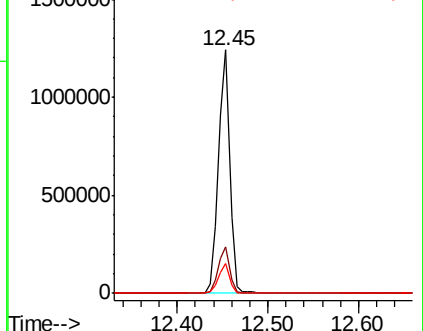
183 12.0 9.6 14.4



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: 39.510 ng

RT: 12.55 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

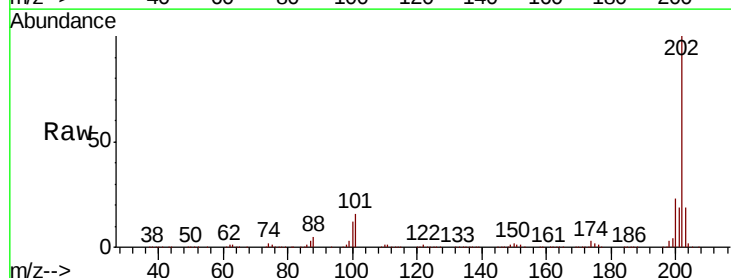
Tgt Ion:202 Resp: 1881465

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.9	26.9
203	18.8	14.6	21.8

202 100

200 22.6 17.9 26.9

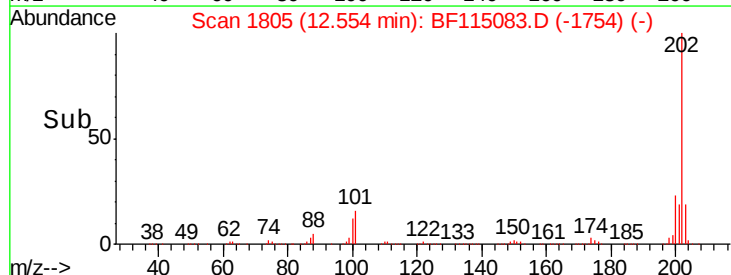
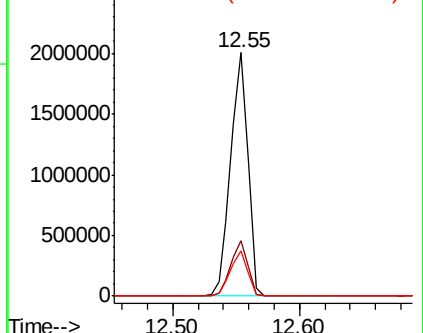
203 18.8 14.6 21.8

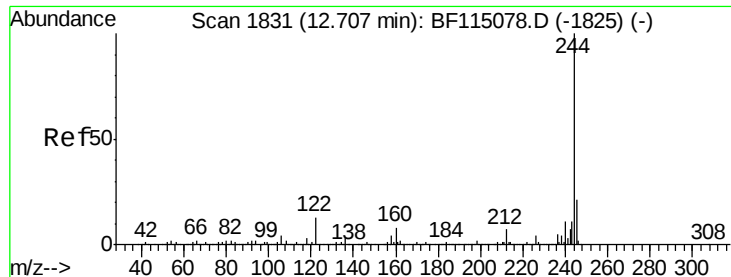


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.213 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Instrument :

BNA_F

ClientSampleId :

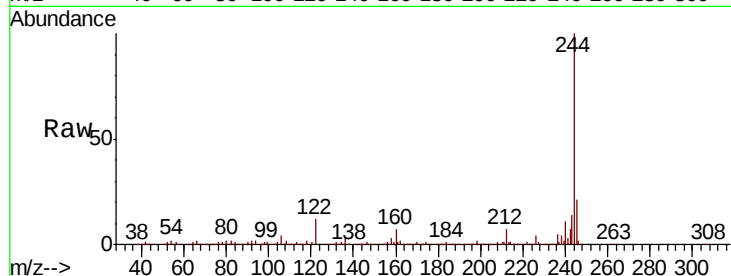
Tot Ion:244 Resp: 2279416

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

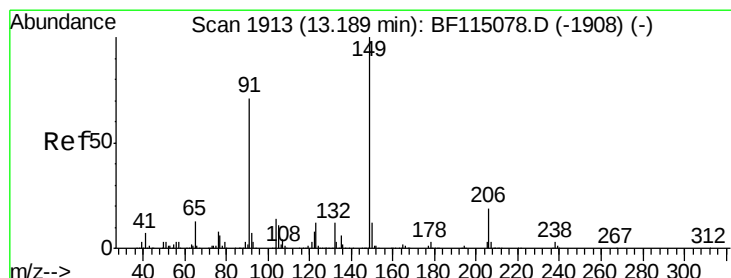
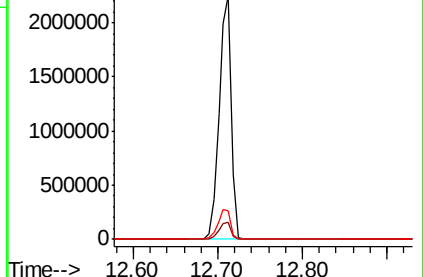
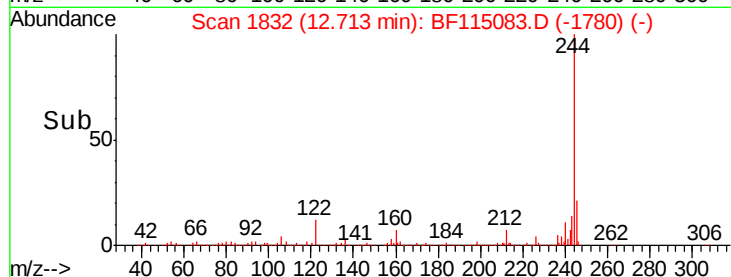
122 11.8 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.962 ng

RT: 13.19 min Scan# 1914

Delta R.T. 0.01 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

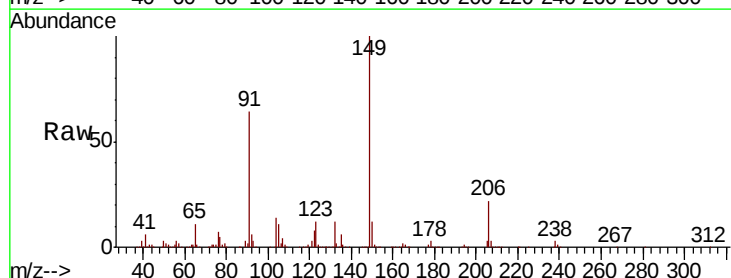
Tgt Ion:149 Resp: 860830

Ion Ratio Lower Upper

149 100

91 64.2 56.5 84.7

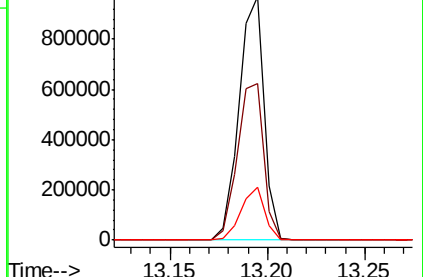
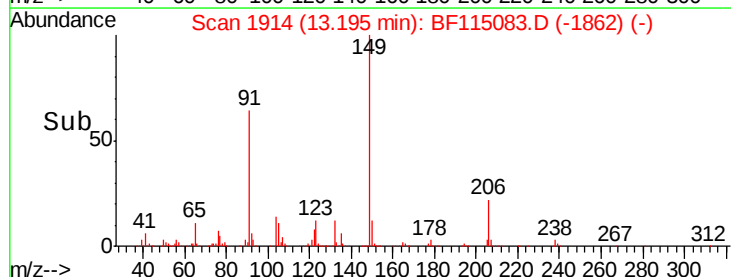
206 21.6 15.3 22.9

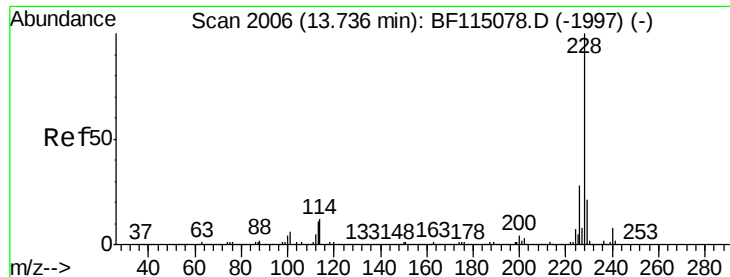


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.597 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Instrument :

BNA_F

ClientSampleId :

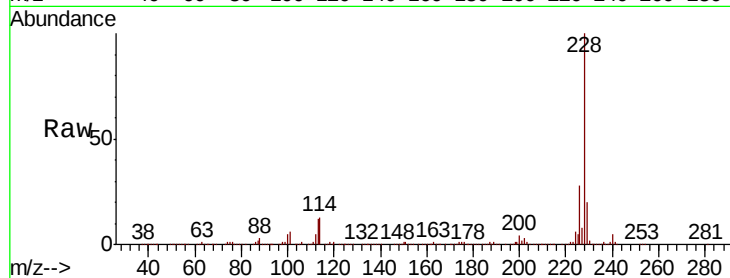
Tot Ion:228 Resp: 1805007

Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

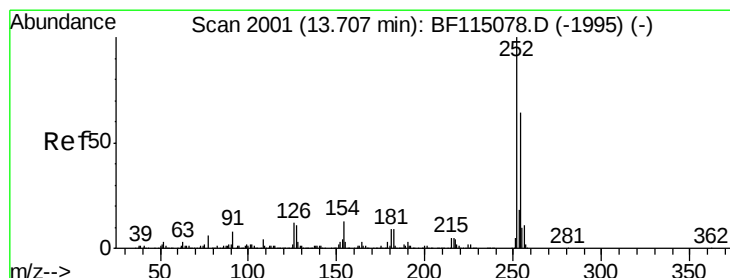
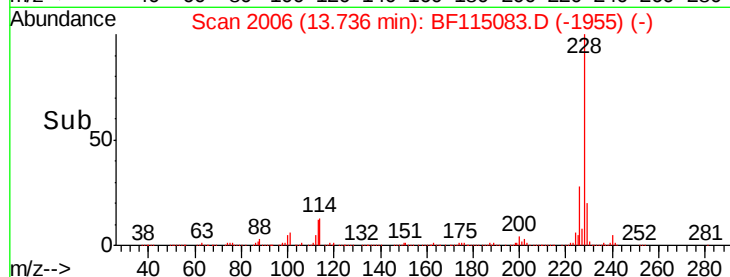
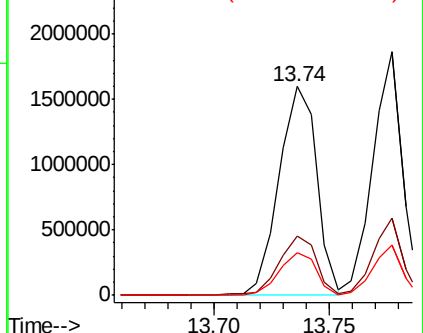
229 20.3 16.6 24.8



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: 40.976 ng

RT: 13.71 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

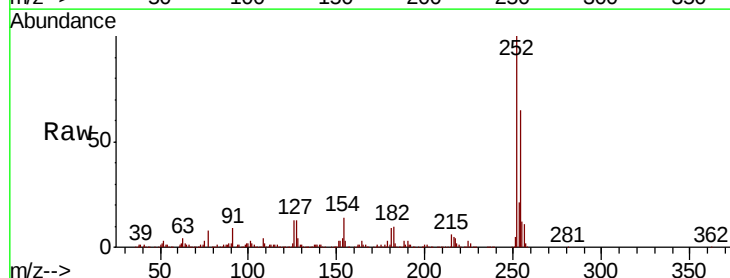
Tgt Ion:252 Resp: 657899

Ion Ratio Lower Upper

252 100

254 65.5 51.1 76.7

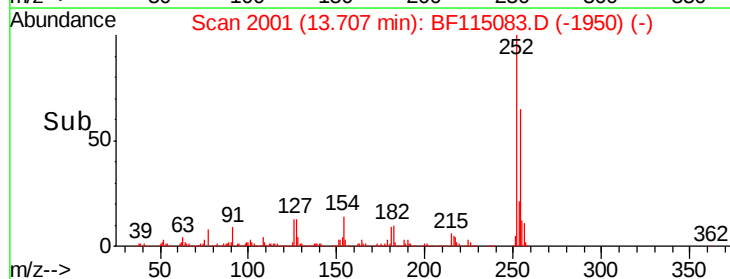
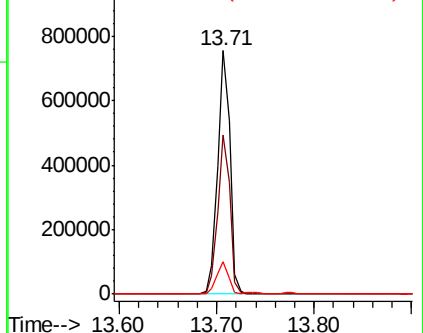
126 13.2 9.4 14.0

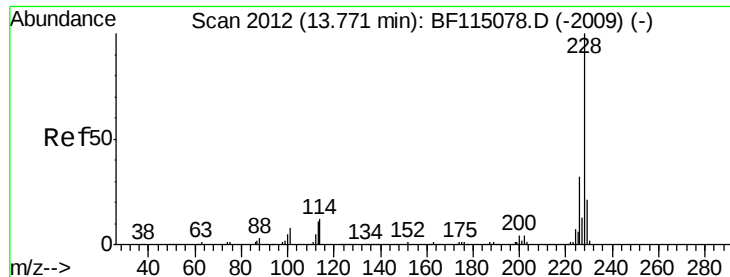


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.357 ng

RT: 13.78 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

Instrument :

BNA_F

ClientSampleId :

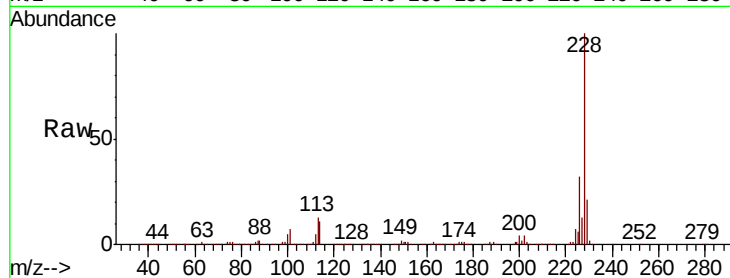
Tot Ion:228 Resp: 1643662

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.9	16.5	24.7

228 100

226 31.6 25.4 38.0

229 20.9 16.5 24.7

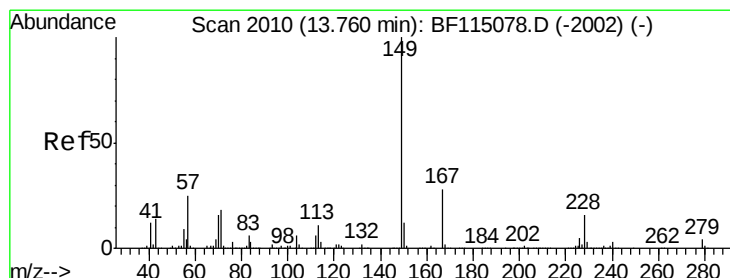
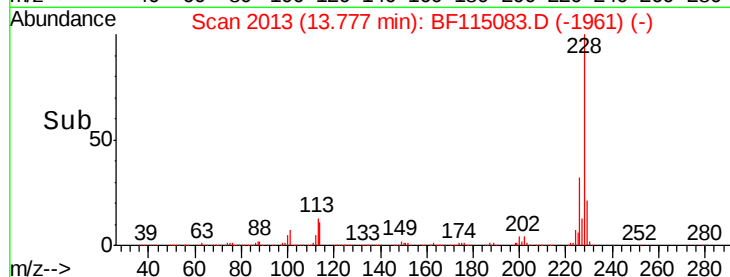
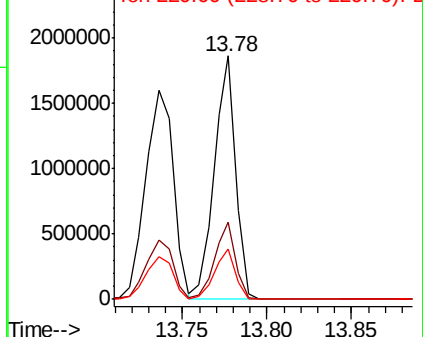


Abundance

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: 41.460 ng

RT: 13.77 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF115083.D

Acq: 21 Jun 2019 17:44

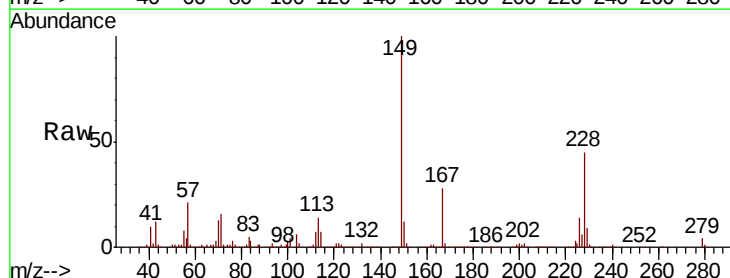
Tgt Ion:149 Resp: 1141650

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	4.4	2.9	4.3#

149 100

167 28.1 22.2 33.4

279 4.4 2.9 4.3#

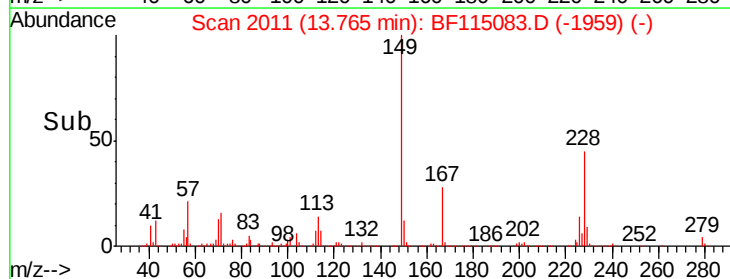
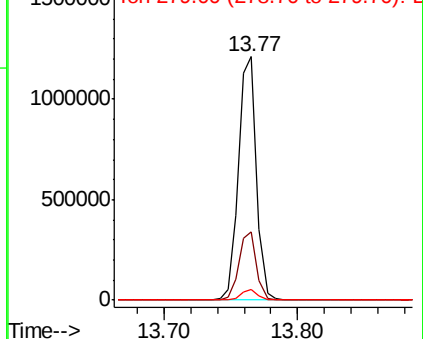


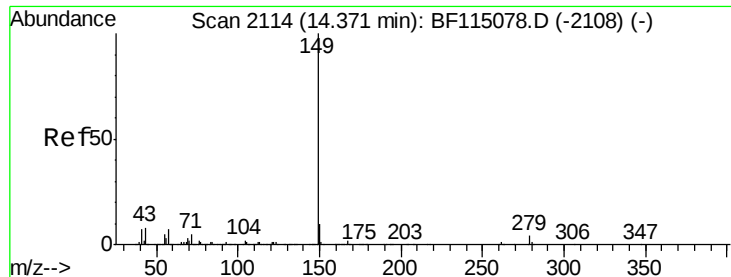
Abundance

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

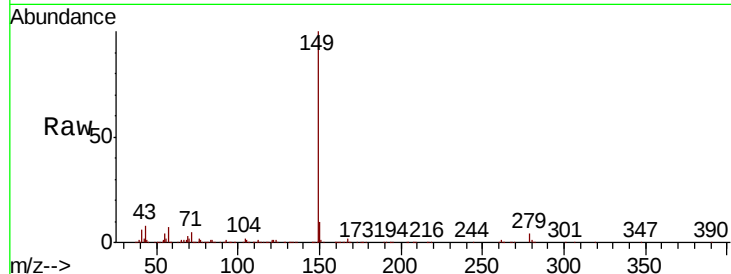




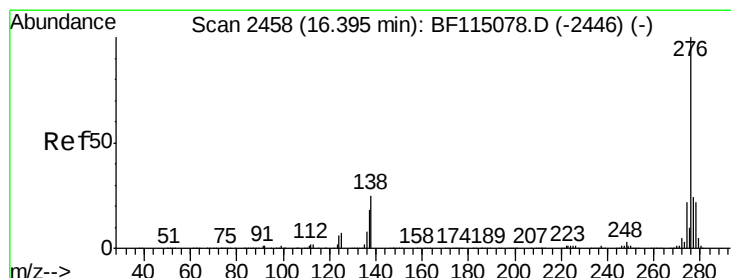
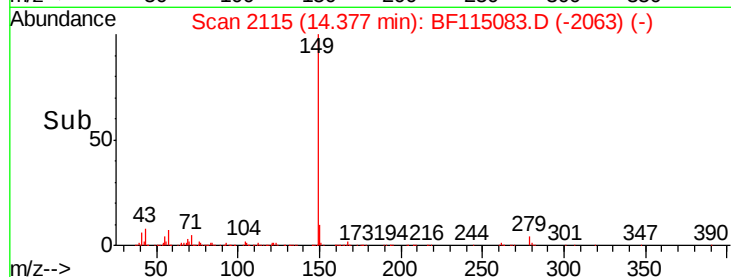
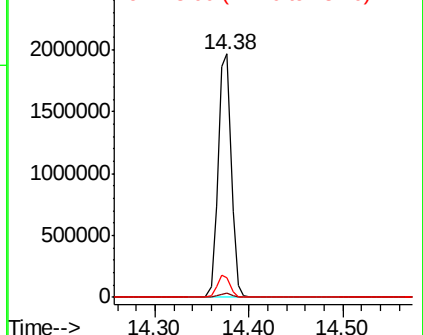
#85
Di-n-octyl phthalate
Concen: 41.936 ng
RT: 14.38 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1940210
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.8 7.0 10.6

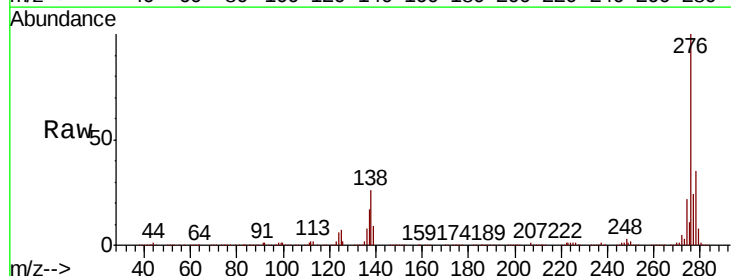


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

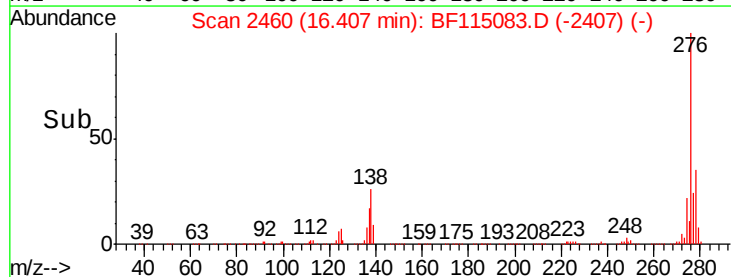
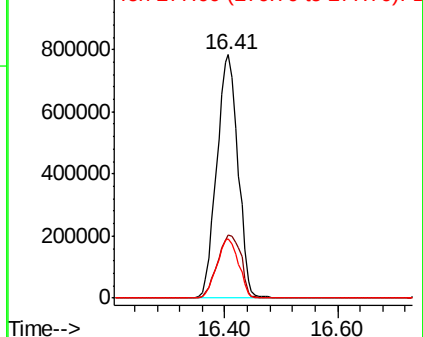


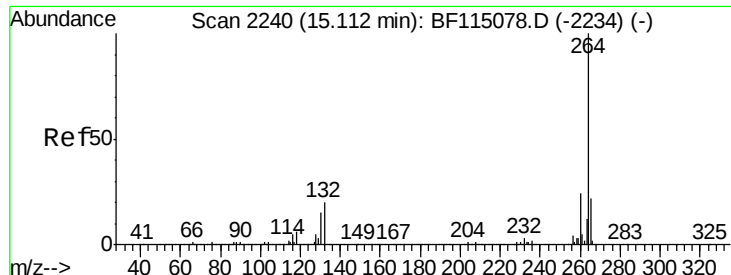
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.422 ng
RT: 16.41 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion:276 Resp: 2044437
Ion Ratio Lower Upper
276 100
138 28.9 23.2 34.8
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



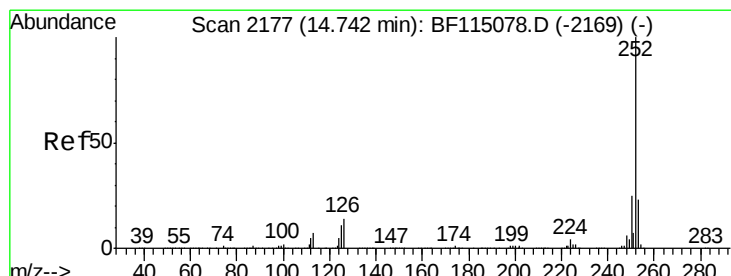
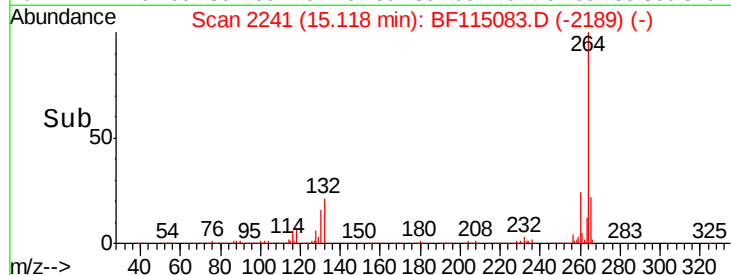
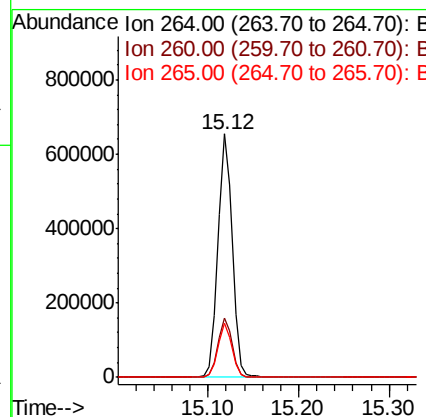
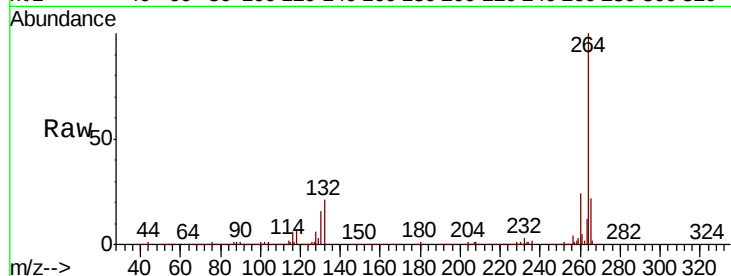


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.12 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 718406

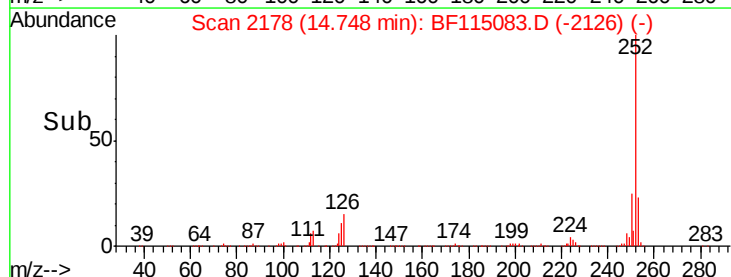
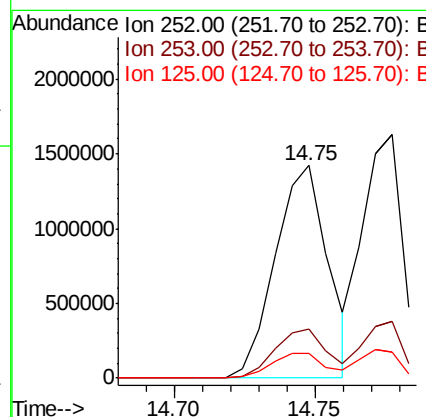
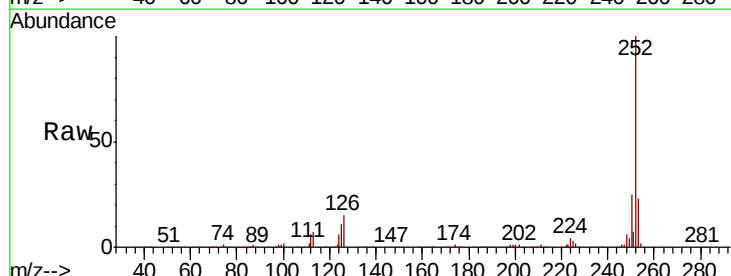
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	22.1	17.3	25.9

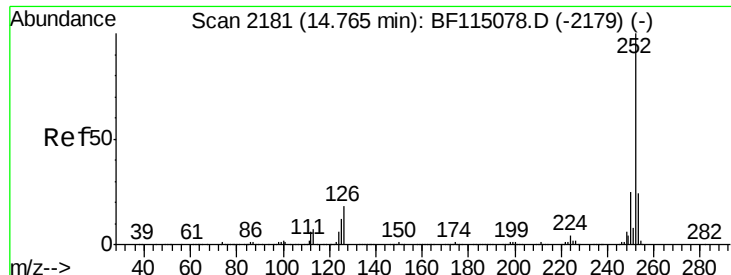


#88
Benzo(b)fluoranthene
Concen: 41.078 ng
RT: 14.75 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion:252 Resp: 1841371

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	11.4	8.7	13.1

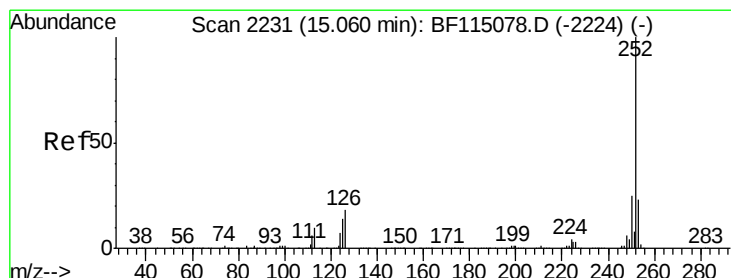
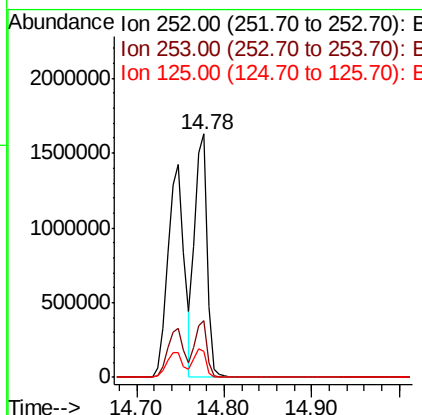
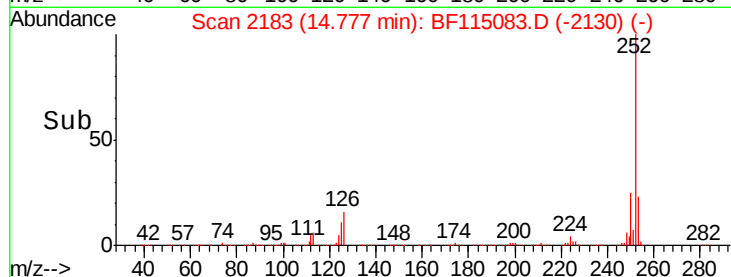
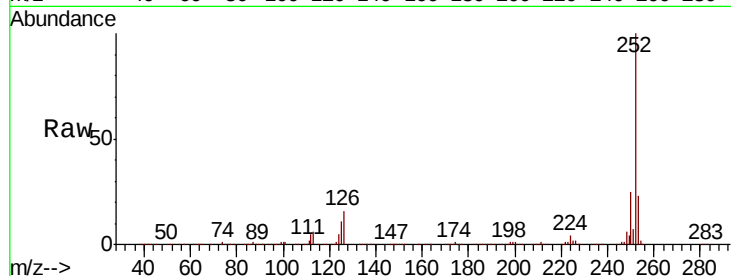




#89
Benzo(k)fluoranthene
Concen: 40.346 ng
RT: 14.78 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

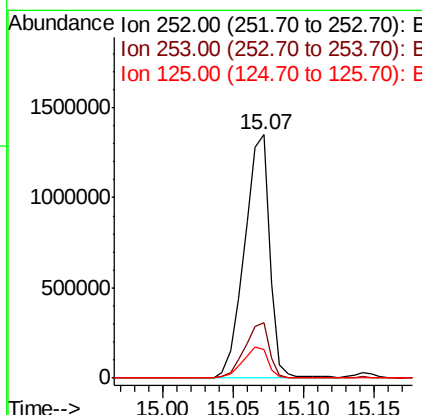
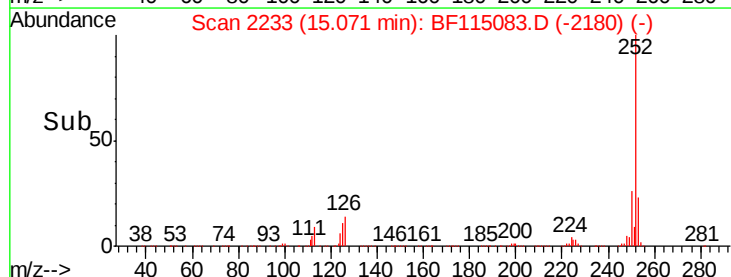
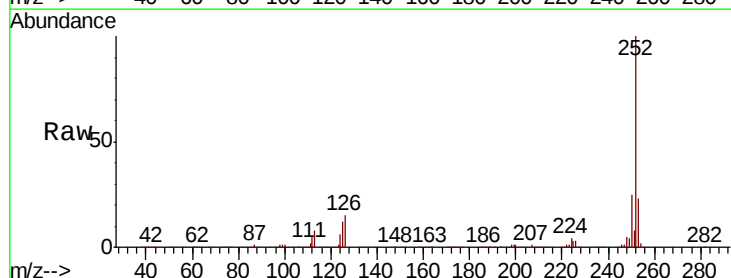
Instrument :
BNA_F
ClientSampleId :

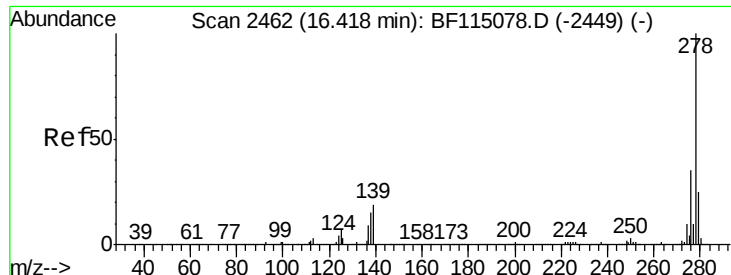
Tot Ion:252 Resp: 1621879
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 10.6 10.2 15.2



#90
Benzo(a)pyrene
Concen: 41.773 ng
RT: 15.07 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion:252 Resp: 1687754
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 11.8 10.9 16.3



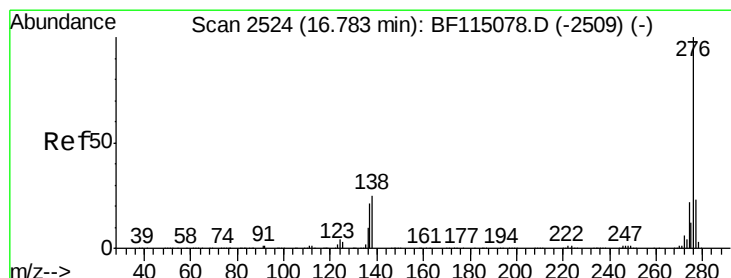
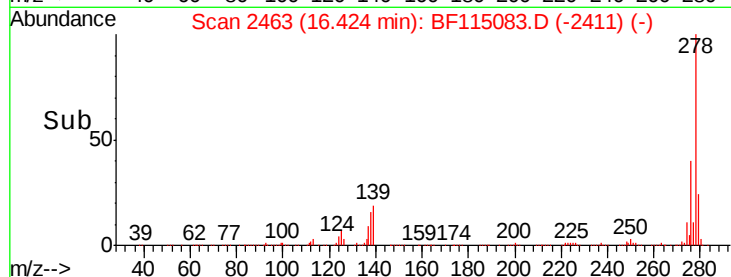
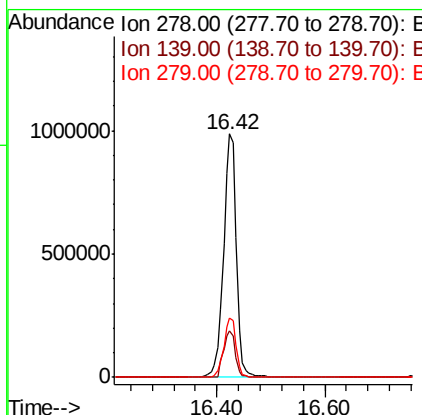
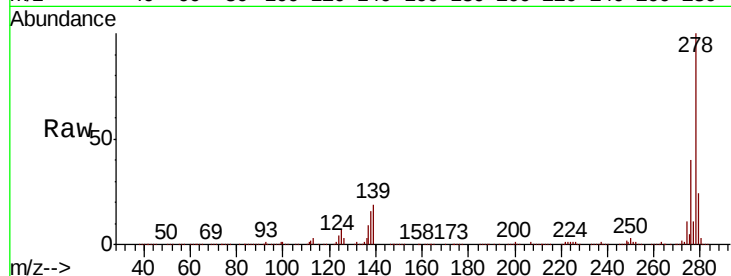


#91
Dibenzo(a,h)anthracene
Concen: 44.169 ng
RT: 16.42 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1665983

Ion	Ratio	Lower	Upper
278	100		
139	18.9	15.4	23.2
279	24.2	19.9	29.9



#92
Benzo(g,h,i)perylene
Concen: 43.756 ng
RT: 16.79 min Scan# 2526
Delta R.T. 0.01 min
Lab File: BF115083.D
Acq: 21 Jun 2019 17:44

Tgt Ion:276 Resp: 1670394

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	24.7	19.8	29.6

