

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115080.D
 Acq On : 21 Jun 2019 15:32
 Operator : HP/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 16:40:09 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 16:30:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	200666	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	829980	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	411136	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	809298	20.00	ng	0.00
76) Chrysene-d12	13.75	240	569347	20.00	ng	0.00
87) Perylene-d12	15.11	264	685893	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1494916	124.40	ng	0.00
7) Phenol-d6	6.26	99	1816851	125.33	ng	0.00
23) Nitrobenzene-d5	7.19	82	1590305	115.33	ng	0.00
42) 2,4,6-Tribromophenol	10.44	330	500576	113.70	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2696072	111.14	ng	0.00
79) Terphenyl-d14	12.71	244	2962482	97.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	365838	65.035	ng	99
3) Pyridine	2.86	79	1025149	64.730	ng	98
4) n-Nitrosodimethylamine	2.82	42	405532	72.124	ng	99
6) Aniline	6.28	93	1257158	64.756	ng	98
8) 2-Chlorophenol	6.41	128	853142	62.608	ng	98
9) Benzaldehyde	6.16	77	585547	70.260	ng	99
10) Phenol	6.27	94	1072162	66.105	ng	92
11) bis(2-Chloroethyl)ether	6.37	93	793932	63.068	ng	99
12) 1,3-Dichlorobenzene	6.56	146	945203	59.385	ng	98
13) 1,4-Dichlorobenzene	6.64	146	943182	58.943	ng	99
14) 1,2-Dichlorobenzene	6.80	146	868596	57.657	ng	98
15) Benzyl Alcohol	6.77	79	661598	60.913	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1145880	68.010	ng	99
17) 2-Methylphenol	6.88	107	711168	62.570	ng	99
18) Hexachloroethane	7.14	117	343206	59.391	ng	99
19) n-Nitroso-di-n-propylamine	7.05	70	587551	66.709	ng	99
20) 3+4-Methylphenols	7.04	107	781945	57.805	ng	91
22) Acetophenone	7.04	105	1081340	57.555	ng	98
24) Nitrobenzene	7.21	77	872603	62.198	ng	99
25) Isophorone	7.45	82	1614732	62.525	ng	99
26) 2-Nitrophenol	7.52	139	461742	59.048	ng	97
27) 2,4-Dimethylphenol	7.57	122	703264	62.342	ng	98
28) bis(2-Chloroethoxy)methane	7.67	93	1016899	61.373	ng	99
29) 2,4-Dichlorophenol	7.76	162	733452	61.546	ng	97
30) 1,2,4-Trichlorobenzene	7.85	180	797002	57.879	ng	99
31) Naphthalene	7.92	128	2327433	59.268	ng	99
32) Benzoic acid	7.71	122	571293	69.993	ng	98
33) 4-Chloroaniline	7.97	127	1082394	59.711	ng	98
34) Hexachlorobutadiene	8.05	225	437896	57.212	ng	98
35) Caprolactam	8.37	113	245759	61.917	ng	100
36) 4-Chloro-3-methylphenol	8.46	107	742848	61.855	ng	100
37) 2-Methylnaphthalene	8.62	142	1568068	59.868	ng	98
38) 1-Methylnaphthalene	8.71	142	1511519	61.059	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	664676	54.722	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.78	237	400101	66.847	nq	99
43) 2,4,6-Trichlorophenol	8.89	196	529126	58.323	nq	99
44) 2,4,5-Trichlorophenol	8.93	196	548058	59.777	nq	98
46) 1,1'-Biphenyl	9.08	154	1776603	53.924	nq	99
47) 2-Chloronaphthalene	9.10	162	1536342	57.667	nq	96
48) 2-Nitroaniline	9.20	65	470238	59.716	nq	97
49) Acenaphthylene	9.51	152	2357293	57.548	nq	98
50) Dimethylphthalate	9.40	163	1736027	56.147	nq	99
51) 2,6-Dinitrotoluene	9.44	165	413696	58.985	nq	99
52) Acenaphthene	9.69	154	1479163	63.116	nq	99
53) 3-Nitroaniline	9.61	138	510426	59.399	nq	98
54) 2,4-Dinitrophenol	9.71	184	203171	59.723	nq	99
55) Dibenzofuran	9.86	168	2037027	57.673	nq	99
56) 4-Nitrophenol	9.77	139	419636	70.815	nq	93
57) 2,4-Dinitrotoluene	9.84	165	555154	62.189	nq	96
58) Fluorene	10.20	166	1398077	54.119	nq	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	456766	61.676	nq	100
60) Diethylphthalate	10.09	149	1769927	59.868	nq	99
61) 4-Chlorophenyl-phenylether	10.20	204	662358	51.944	nq	96
62) 4-Nitroaniline	10.22	138	520691	60.266	nq	97
63) Azobenzene	10.35	77	1611084	62.291	nq	97
65) 4,6-Dinitro-2-methylphenol	10.25	198	263349	58.058	nq	94
66) n-Nitrosodiphenylamine	10.31	169	1438617	59.468	nq	100
67) 4-Bromophenyl-phenylether	10.68	248	505006	58.117	nq	94
68) Hexachlorobenzene	10.74	284	546641	57.140	nq	93
69) Atrazine	10.85	200	464211	59.517	nq	99
70) Pentachlorophenol	10.93	266	361159	69.516	nq	98
71) Phenanthrene	11.15	178	2357998	56.431	nq	100
72) Anthracene	11.20	178	2403920	57.027	nq	98
73) Carbazole	11.35	167	2229408	60.592	nq	99
74) Di-n-butylphthalate	11.71	149	2548033	54.932	nq	98
75) Fluoranthene	12.33	202	2437171	57.040	nq	99
77) Benzidine	12.45	184	1427490	61.987	nq	96
78) Pyrene	12.55	202	2534207	48.860	nq	98
80) Butylbenzylphthalate	13.19	149	1151834	47.546	nq	91
81) Benzo(a)anthracene	13.74	228	2394634	56.205	nq	98
82) 3,3'-Dichlorobenzidine	13.71	252	866420	53.043	nq	98
83) Chrysene	13.78	228	2159317	50.967	nq	98
84) Bis(2-ethylhexyl)phthalate	13.76	149	1480461	51.706	nq	100
85) Di-n-octyl phthalate	14.37	149	2478322	50.265	nq	100
86) Indeno(1,2,3-cd)pyrene	16.40	276	2593891	69.698	nq	99
88) Benzo(b)fluoranthene	14.74	252	2414048	52.945	nq	98
89) Benzo(k)fluoranthene	14.77	252	2231932	55.769	nq	99
90) Benzo(a)pyrene	15.07	252	2254813	57.310	nq	99
91) Dibenzo(a,h)anthracene	16.42	278	2071296	61.131	nq	99
92) Benzo(g,h,i)perylene	16.79	276	2102193	60.835	nq	99

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

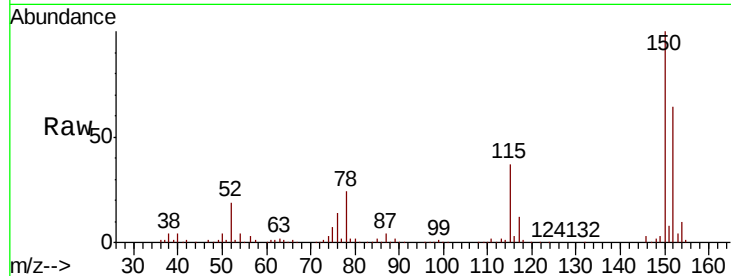


#1

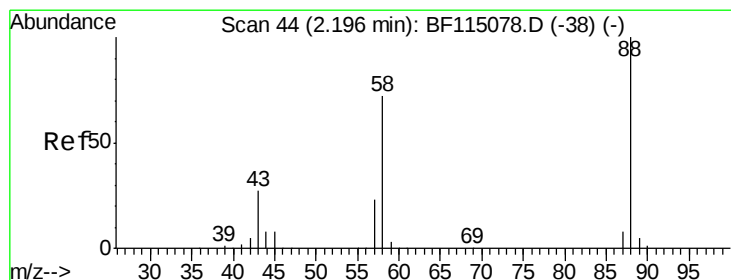
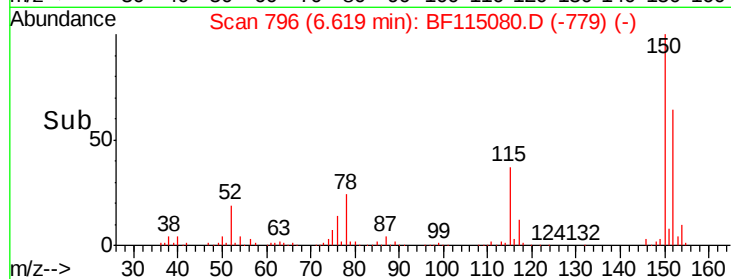
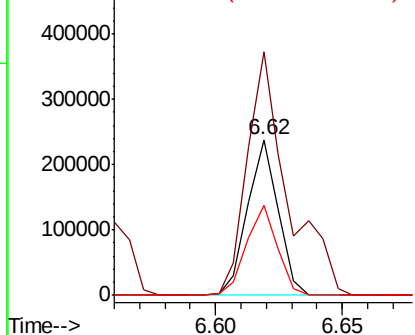
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.2	186.2
115	57.9	46.1	69.1



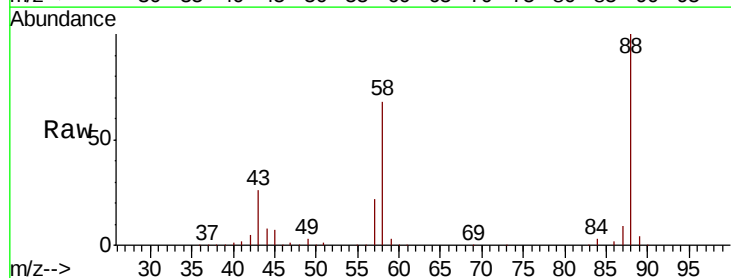
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



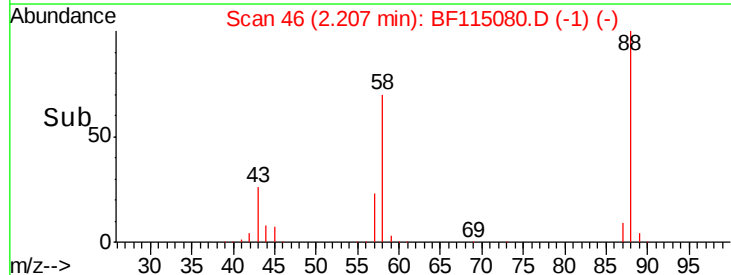
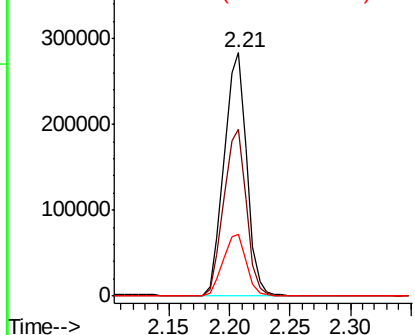
#2

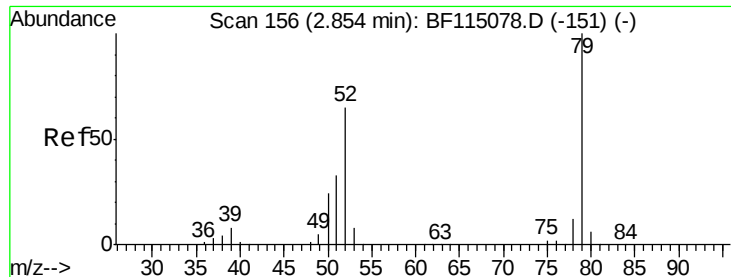
1,4-Dioxane
Concen: 65.035 ng
RT: 2.21 min Scan# 46
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.8	56.1	84.1
43	26.2	21.3	31.9



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





#3

Pvridine

Concen: 64.730 ng

RT: 2.86 min Scan# 157

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

Instrument :

BNA_F

ClientSampleId :

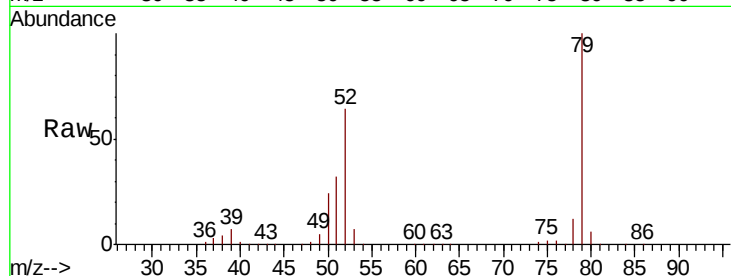
Tot Ion: 79 Resp: 1025149

Ion Ratio Lower Upper

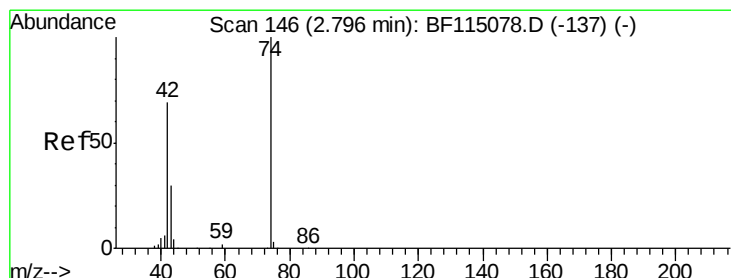
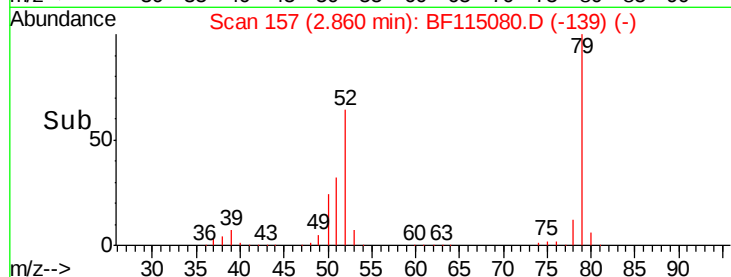
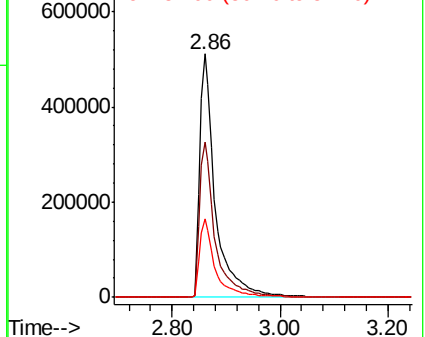
79 100

52 63.7 52.3 78.5

51 32.2 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: 72.124 ng

RT: 2.82 min Scan# 150

Delta R.T. 0.02 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

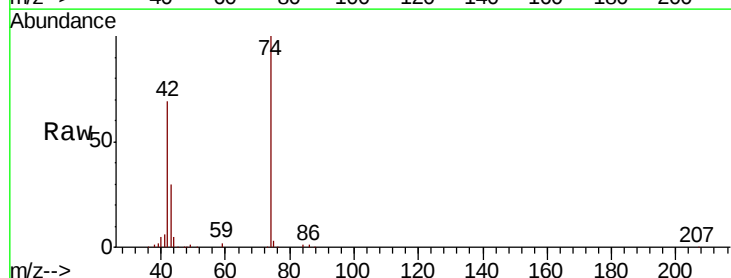
Tgt Ion: 42 Resp: 405532

Ion Ratio Lower Upper

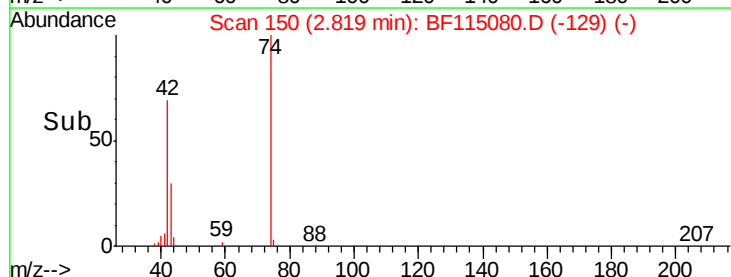
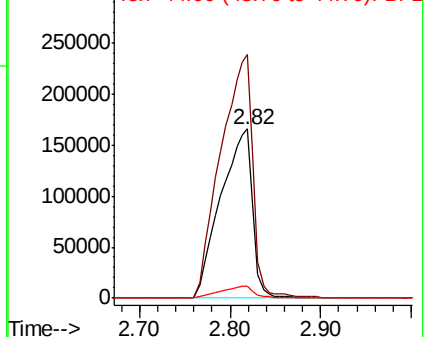
42 100

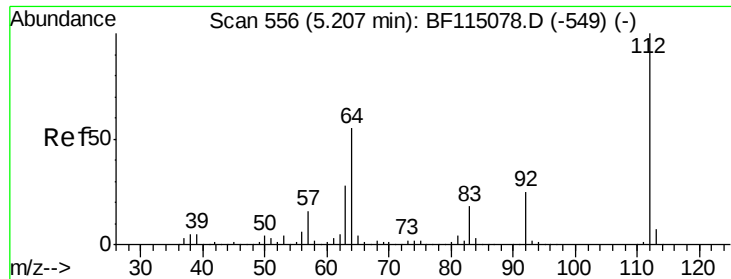
74 144.0 116.6 175.0

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: 124.395 ng

RT: 5.21 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

Instrument :

BNA_F

ClientSampled :

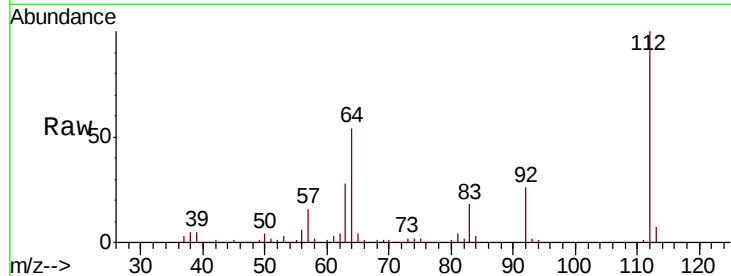
Tot Ion:112 Resp: 1494916

Ion Ratio Lower Upper

112 100

64 54.0 43.8 65.6

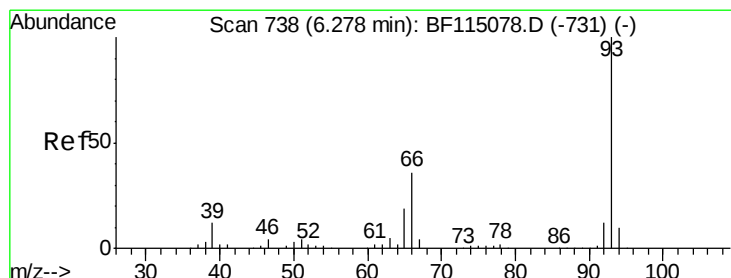
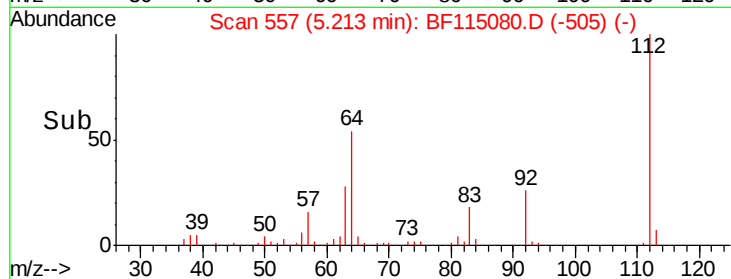
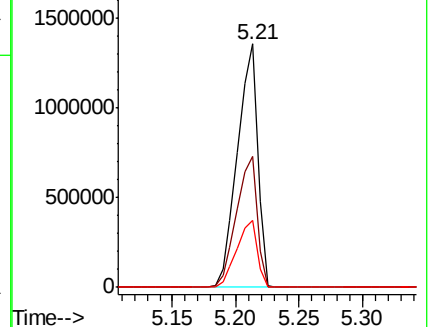
63 27.7 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 64.756 ng

RT: 6.28 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

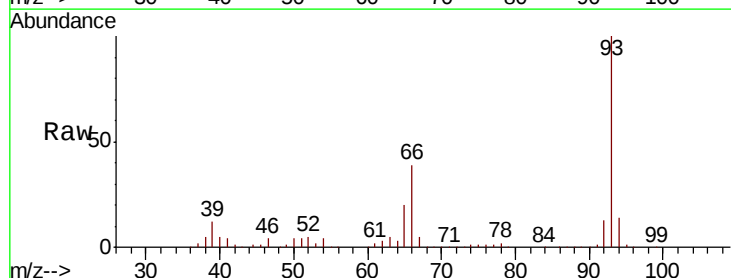
Tgt Ion: 93 Resp: 1257158

Ion Ratio Lower Upper

93 100

66 38.9 30.0 45.0

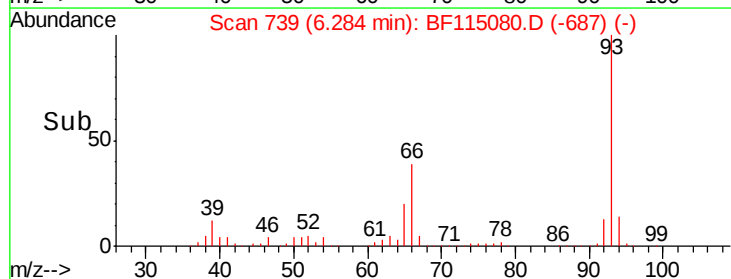
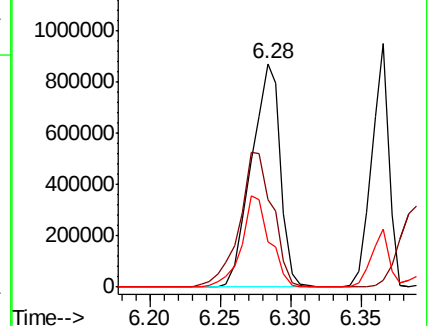
65 20.3 15.6 23.4



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: 125.330 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

Instrument :

BNA_F

ClientSampleId :

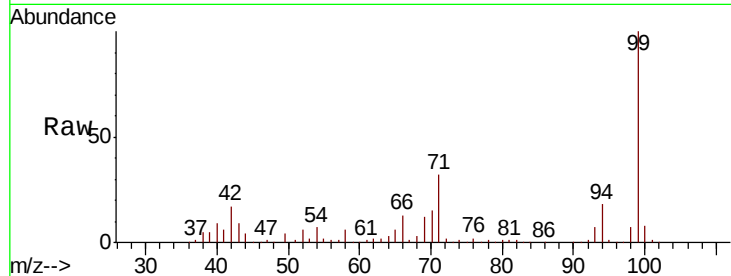
Tot Ion: 99 Resp: 1816851

Ion Ratio Lower Upper

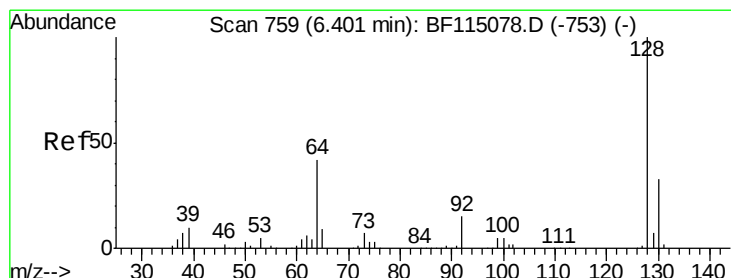
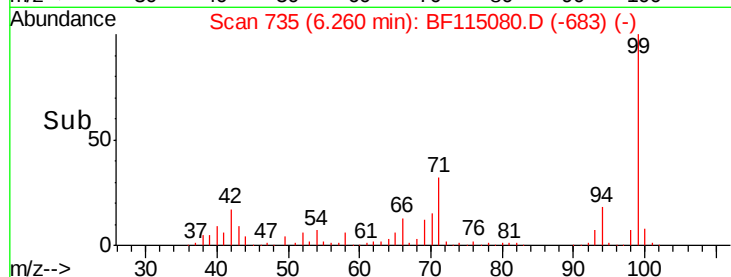
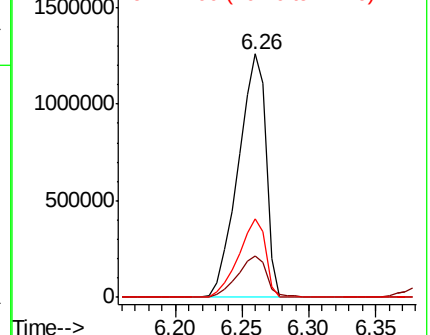
99 100

42 17.1 13.6 20.4

71 32.1 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: 62.608 ng

RT: 6.41 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

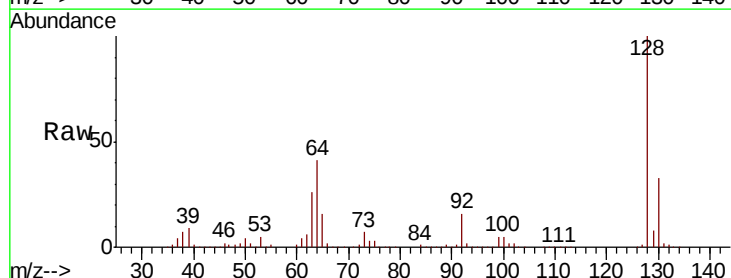
Tgt Ion: 128 Resp: 853142

Ion Ratio Lower Upper

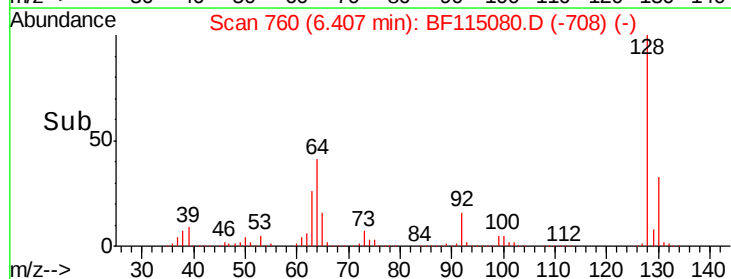
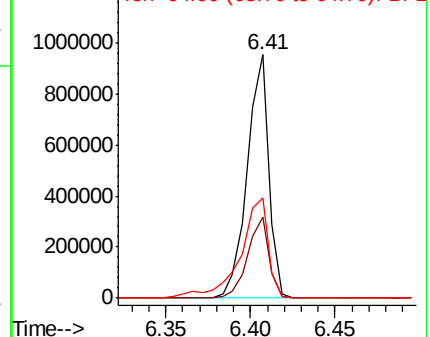
128 100

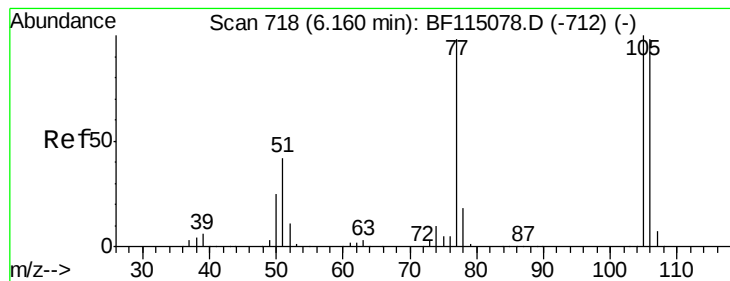
130 33.4 12.9 52.9

64 40.9 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: 70.260 ng

RT: 6.16 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

Instrument :

BNA_F

ClientSampleId :

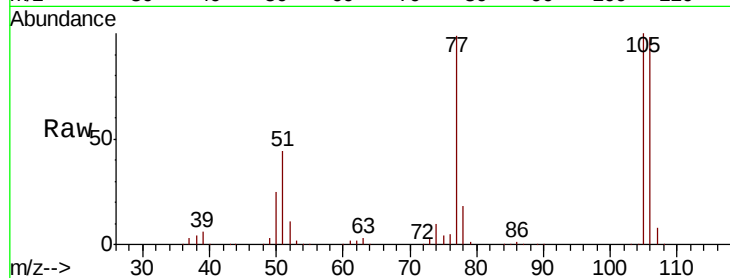
Tot Ion: 77 Resp: 585547

Ion Ratio Lower Upper

77 100

105 100.8 81.5 121.5

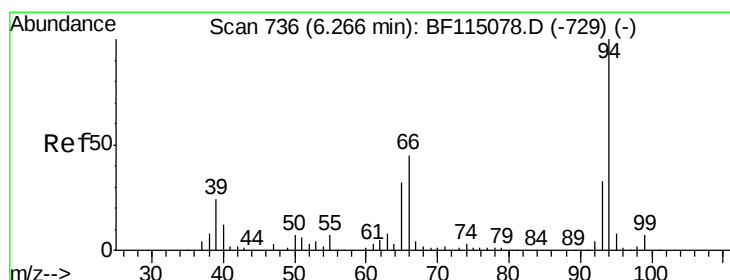
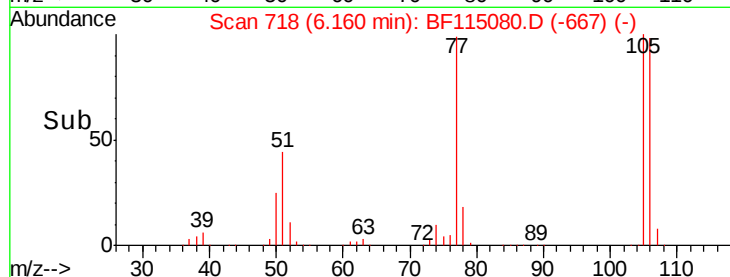
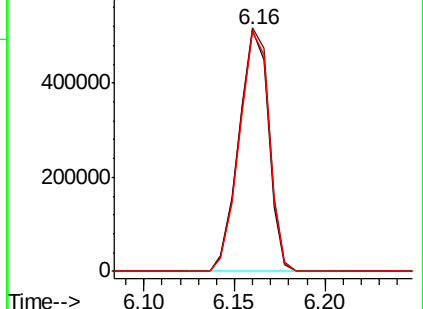
106 99.1 79.7 119.7



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: 66.105 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

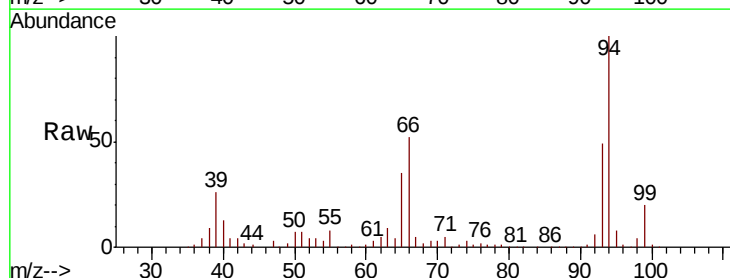
Tgt Ion: 94 Resp: 1072162

Ion Ratio Lower Upper

94 100

65 35.2 11.9 51.9

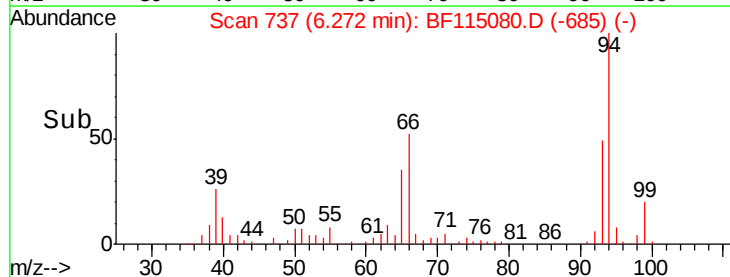
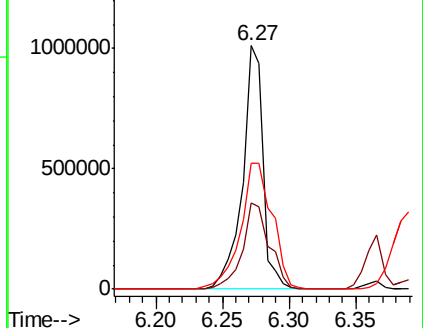
66 51.9 25.2 65.2



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

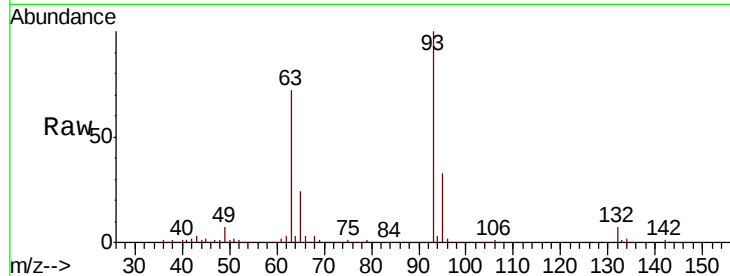




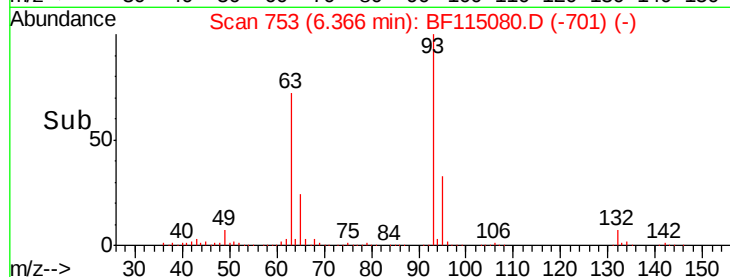
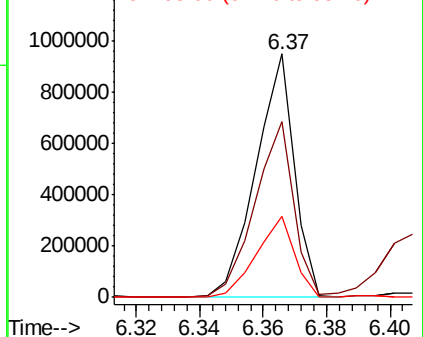
#11
bis(2-Chloroethyl)ether
Concen: 63.068 ng
RT: 6.37 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 793932
Ion Ratio Lower Upper
93 100
63 72.1 51.5 91.5
95 33.4 13.4 53.4

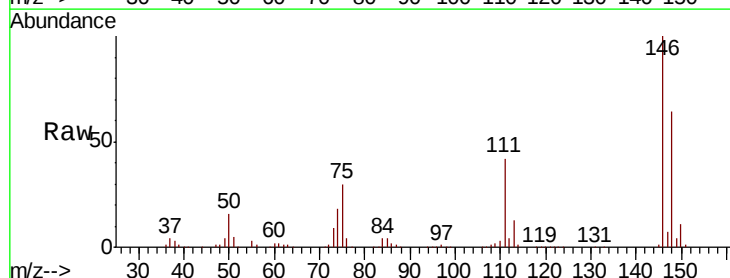


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

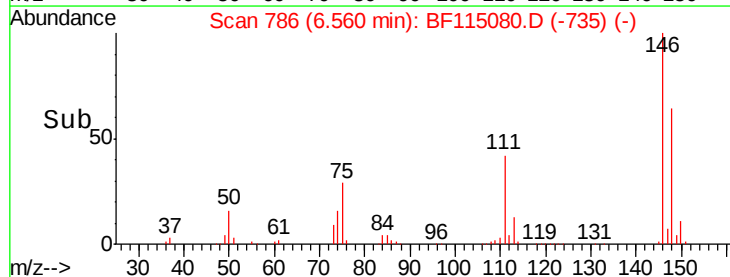
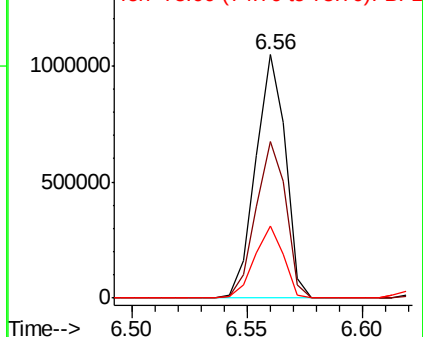


#12
1,3-Dichlorobenzene
Concen: 59.385 ng
RT: 6.56 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion:146 Resp: 945203
Ion Ratio Lower Upper
146 100
148 64.4 52.6 78.8
75 29.8 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

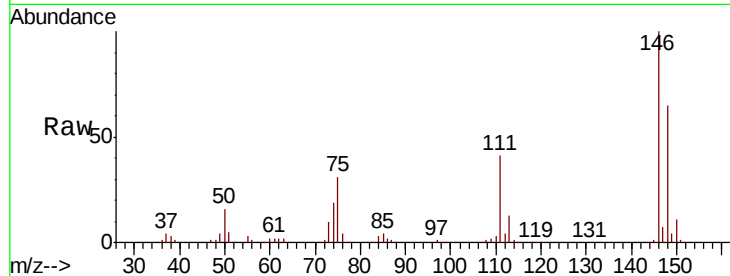




#13
 1,4-Dichlorobenzene
 Concen: 58.943 ng
 RT: 6.64 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF115080.D
 Acq: 21 Jun 2019 15:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	40.5	31.4	47.0

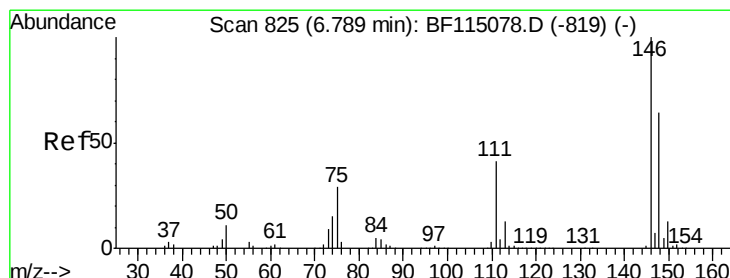
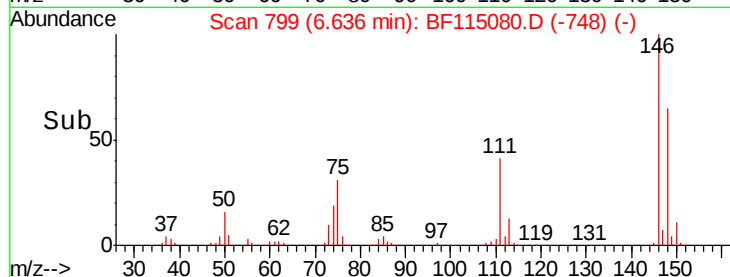
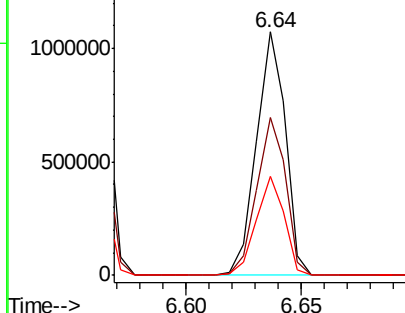


Abundance

Ion 146.00 (145.70 to 146.70): E

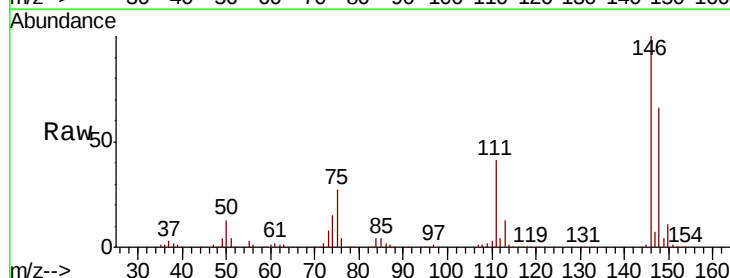
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 57.657 ng
 RT: 6.80 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF115080.D
 Acq: 21 Jun 2019 15:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.1	76.7
111	40.6	33.2	49.8

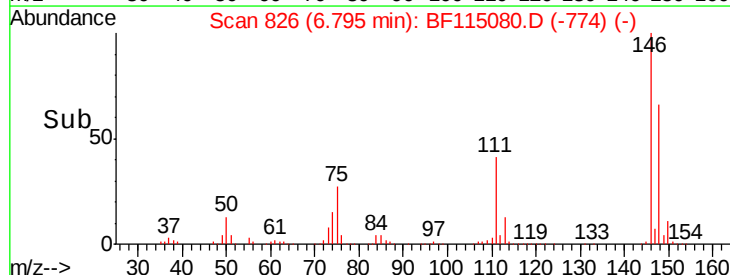
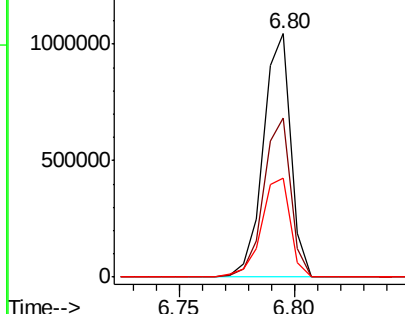


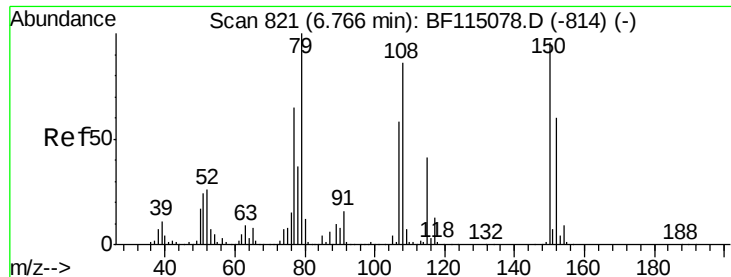
Abundance

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: 60.913 ng

RT: 6.77 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

Instrument :

BNA_F

ClientSampled :

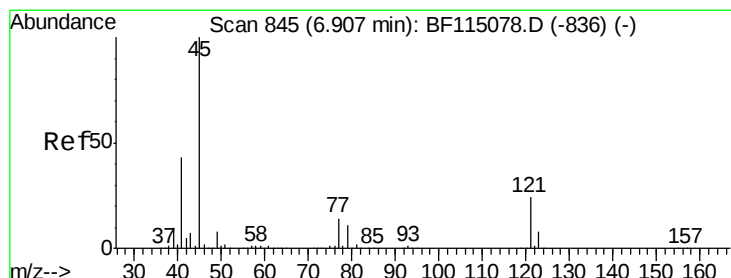
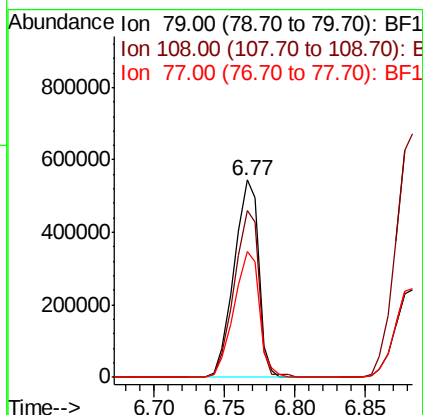
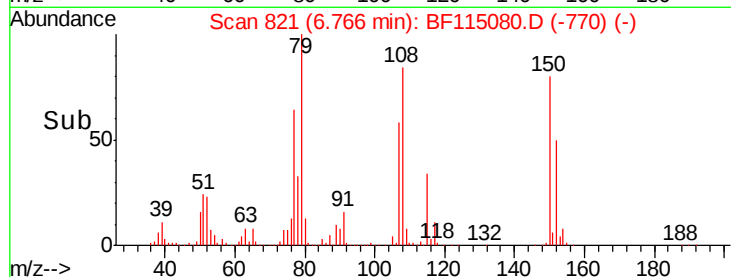
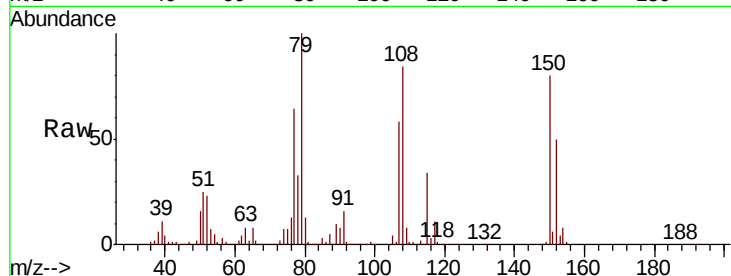
Tot Ion: 79 Resp: 661598

Ion Ratio Lower Upper

79 100

108 84.4 68.7 103.1

77 63.8 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 68.010 ng

RT: 6.91 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

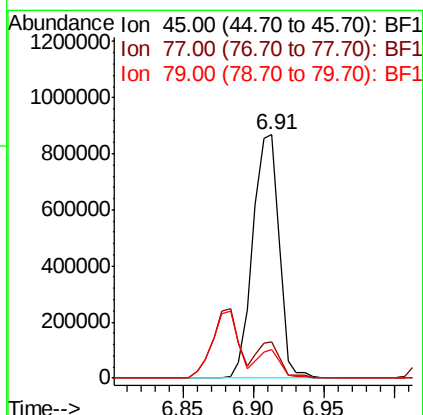
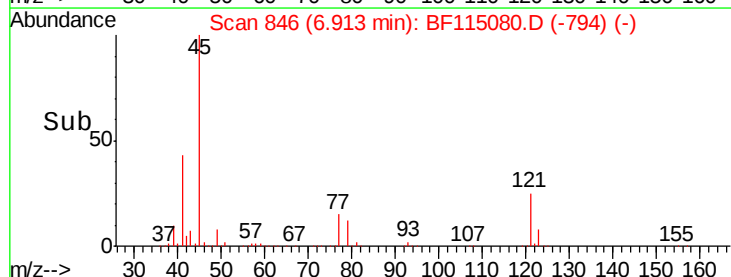
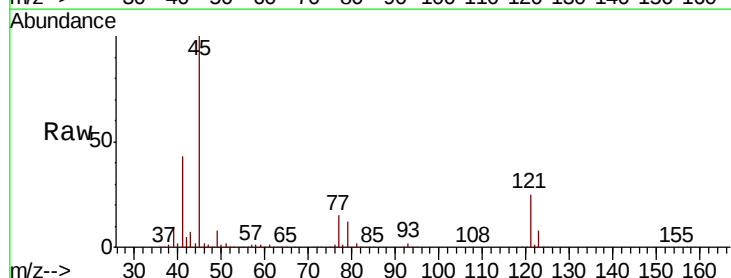
Tgt Ion: 45 Resp: 1145880

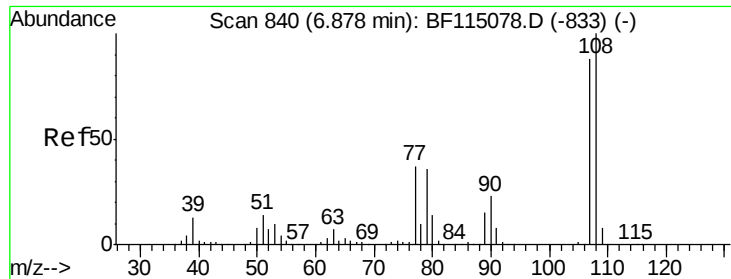
Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.6

79 11.7 0.0 31.2





#17

2-Methylphenol

Concen: 62.570 ng

RT: 6.88 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 711168

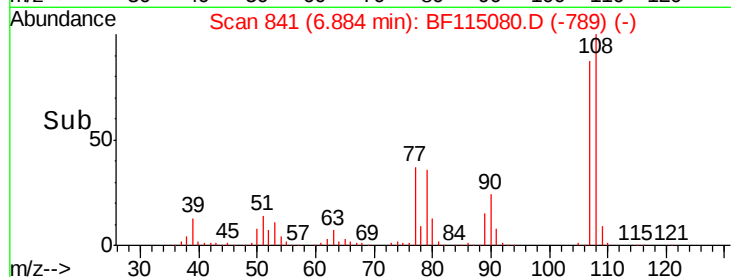
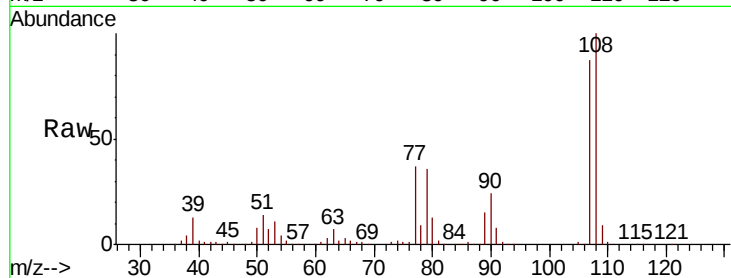
Ion Ratio Lower Upper

107 100

108 114.4 90.9 136.3

77 42.0 33.4 50.2

79 41.0 32.3 48.5

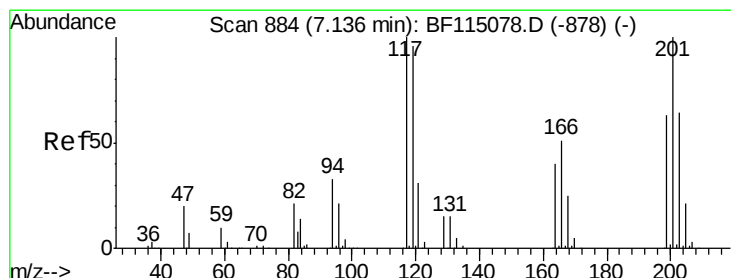
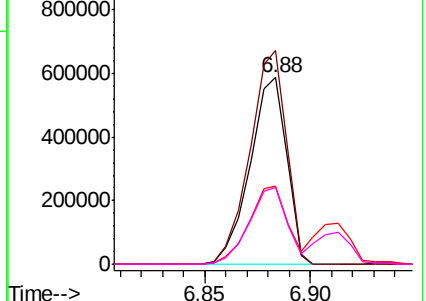


Abundance Ion 107.00 (106.70 to 107.70): E

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: 59.391 ng

RT: 7.14 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

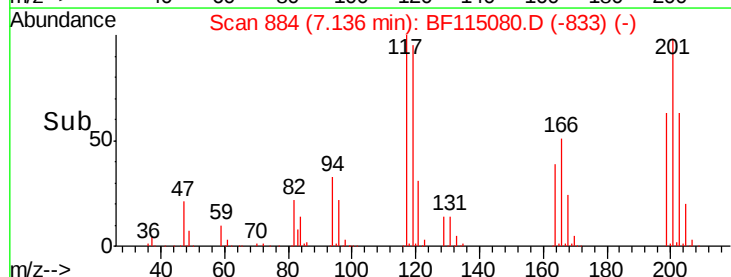
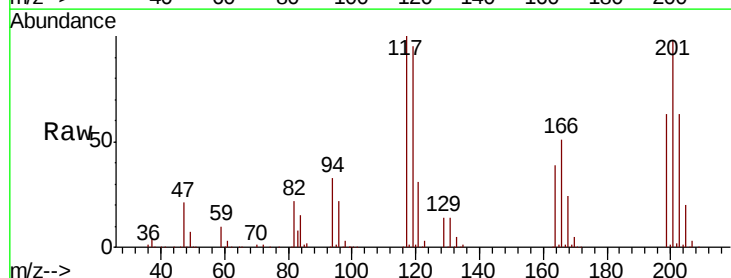
Tgt Ion:117 Resp: 343206

Ion Ratio Lower Upper

117 100

119 95.4 76.6 114.8

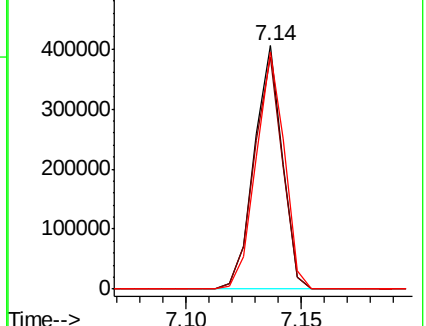
201 97.7 80.2 120.2

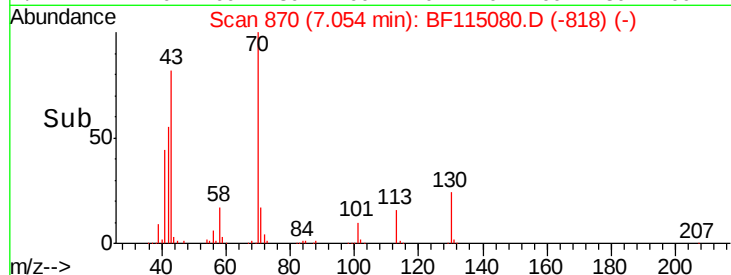
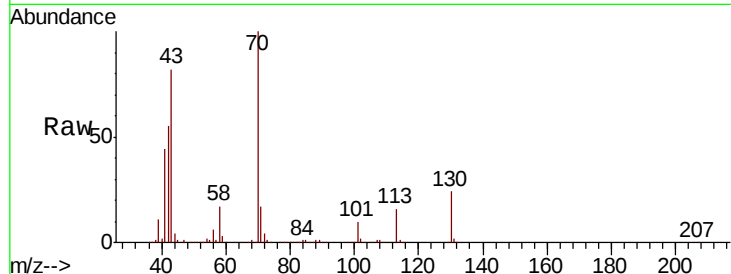
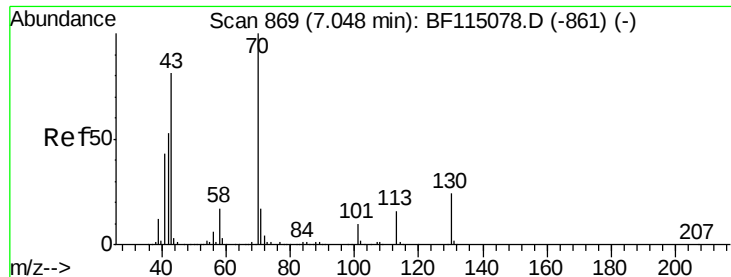


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

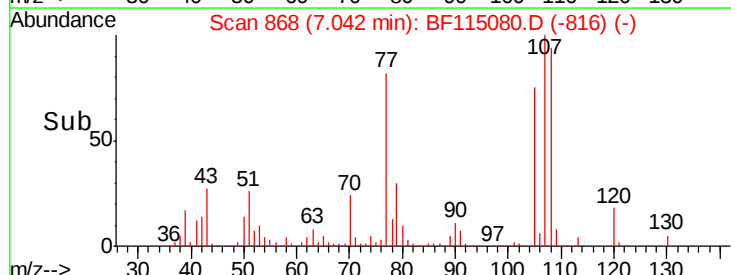
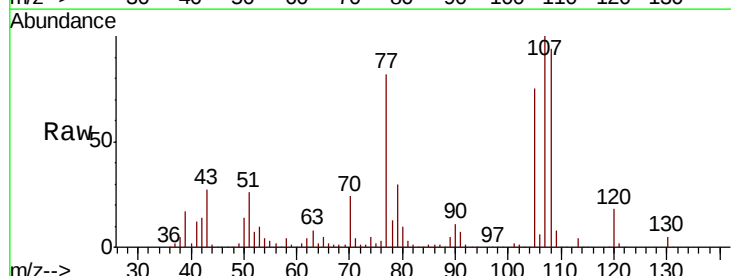
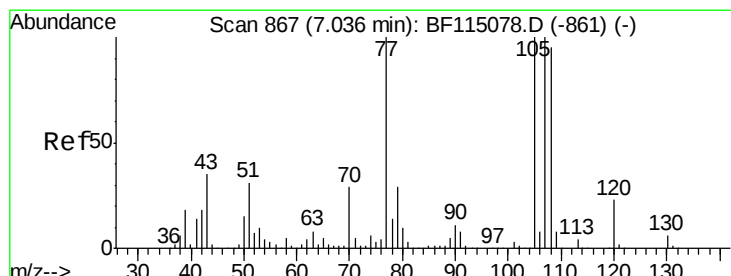
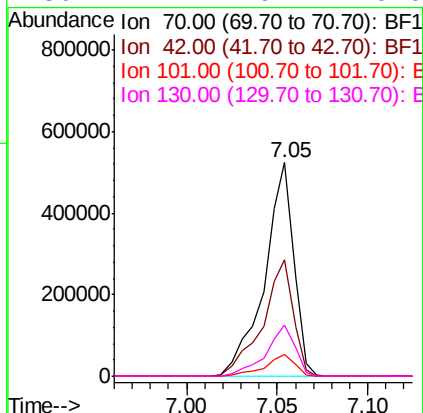




#19
n-Nitroso-di-n-propylamine
Concen: 66.709 ng
RT: 7.05 min Scan# 870
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

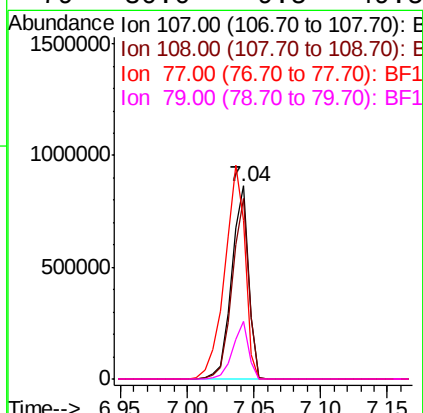
Instrument :
BNA_F
ClientSampleId :

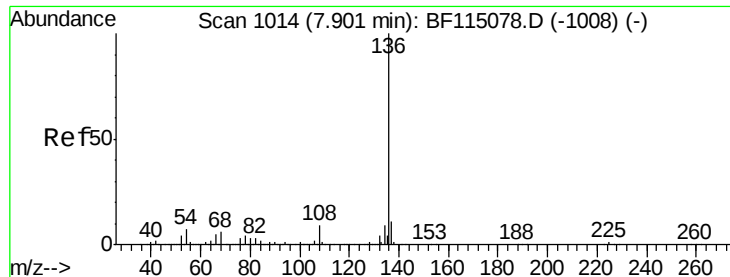
Tot Ion:	70	Resp:	587551
Ion	Ratio	Lower	Upper
70	100		
42	54.8	42.6	63.8
101	10.2	8.0	12.0
130	24.1	19.4	29.0



#20
3+4-Methylphenols
Concen: 57.805 ng
RT: 7.04 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion:	107	Resp:	781945
Ion	Ratio	Lower	Upper
107	100		
108	93.8	75.5	115.5
77	82.3	80.2	120.2
79	30.0	9.5	49.5

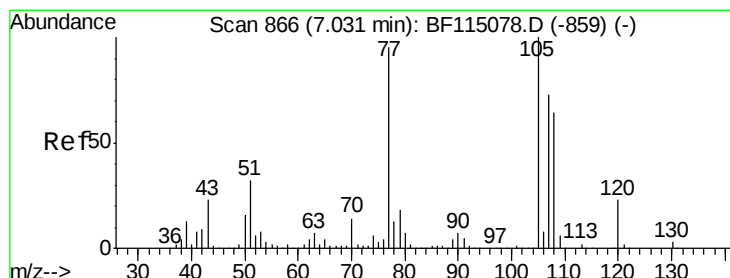
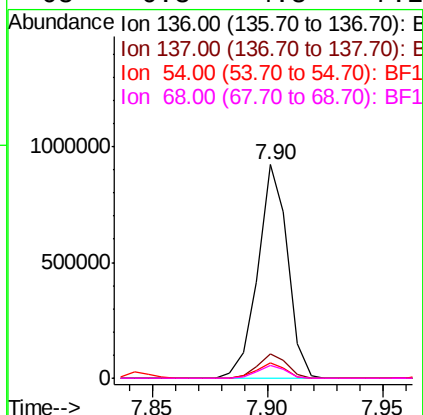
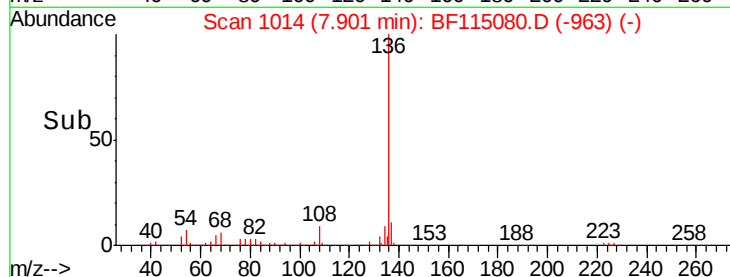
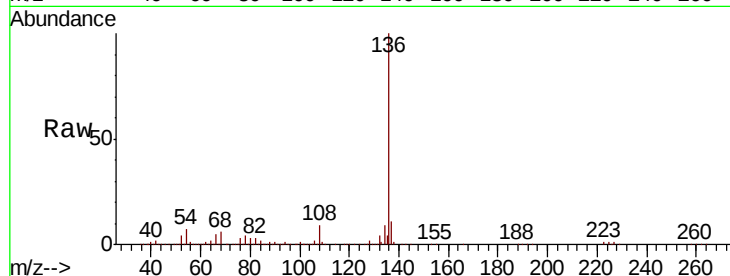




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

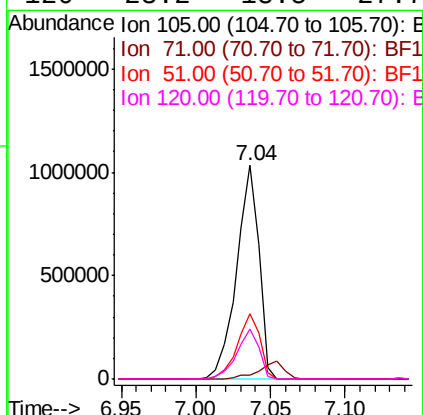
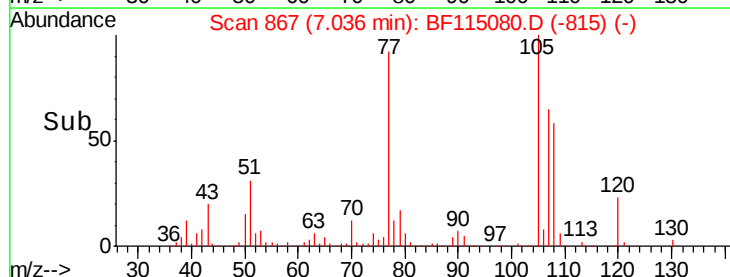
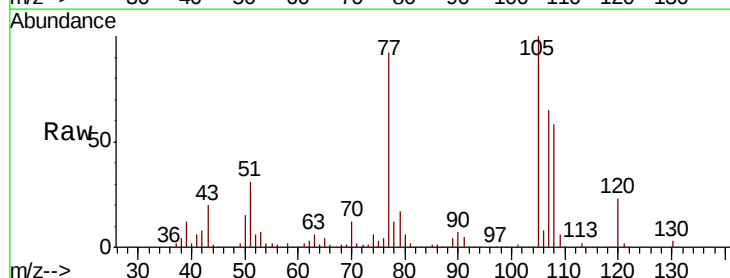
Instrument :
BNA_F
ClientSampleId :

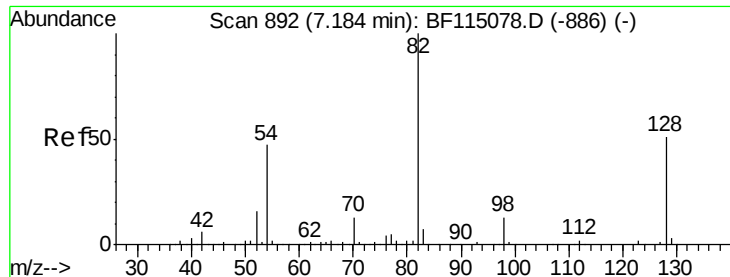
Tot Ion:136	Resp:	829980	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.9	13.3	
54 7.3	5.6	8.4	
68 6.3	4.8	7.2	



#22
Acetophenone
Concen: 57.555 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion:105	Resp:	1081340
Ion Ratio	Lower	Upper
105 100		
71 2.0	1.9	2.9
51 30.8	25.8	38.8
120 23.2	18.5	27.7

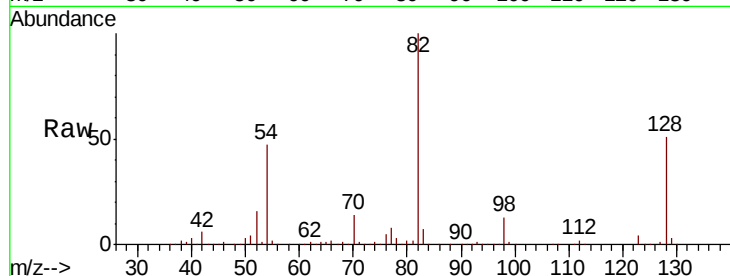




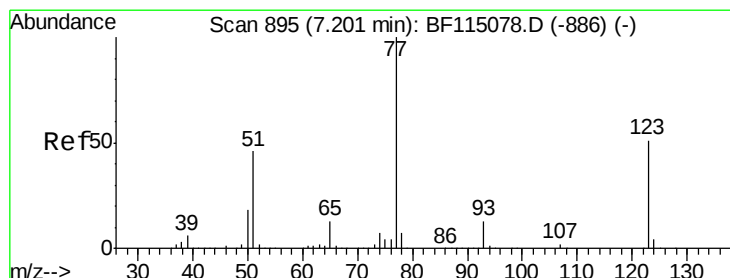
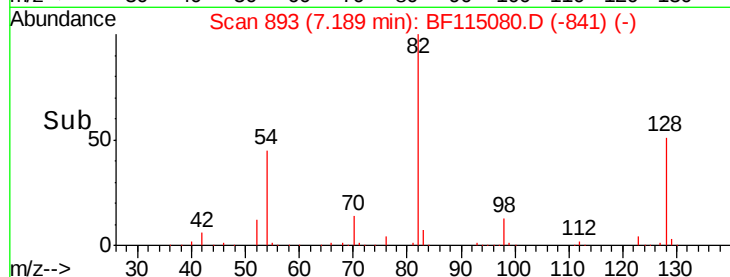
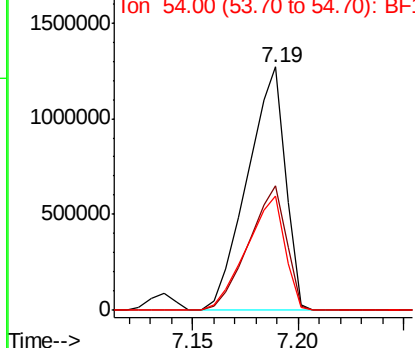
#23
Nitrobenzene-d5
Concen: 115.333 ng
RT: 7.19 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1590305
Ion Ratio Lower Upper
82 100
128 50.9 40.4 60.6
54 46.9 37.5 56.3

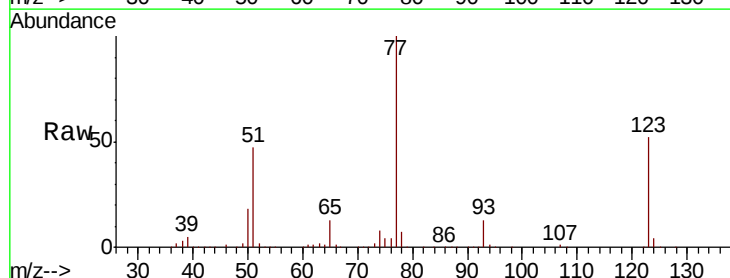


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

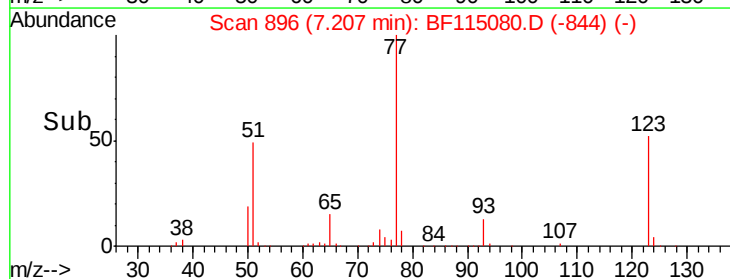
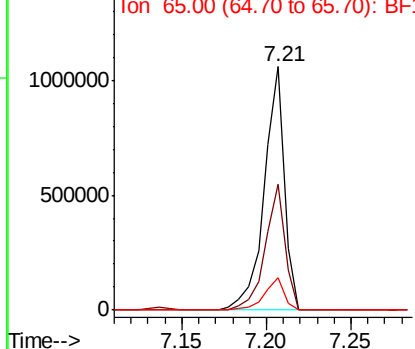


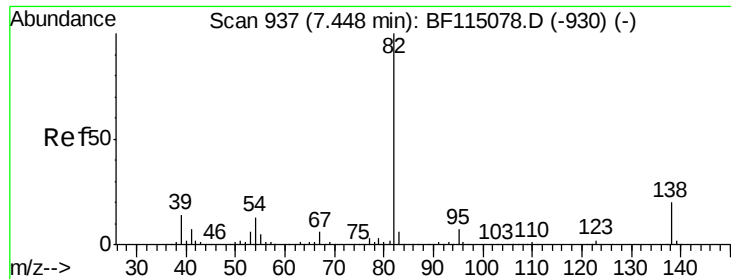
#24
Nitrobenzene
Concen: 62.198 ng
RT: 7.21 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion: 77 Resp: 872603
Ion Ratio Lower Upper
77 100
123 51.9 41.0 61.6
65 13.5 10.5 15.7



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

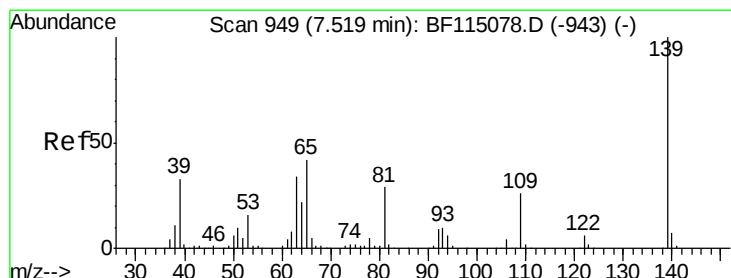
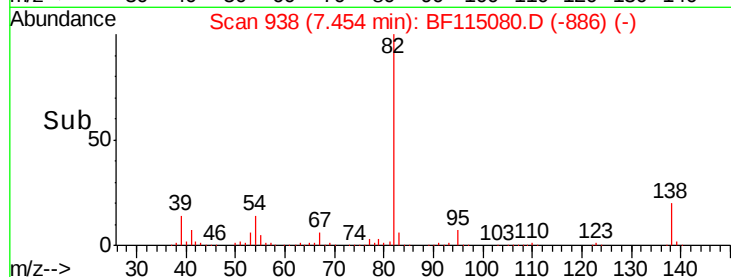
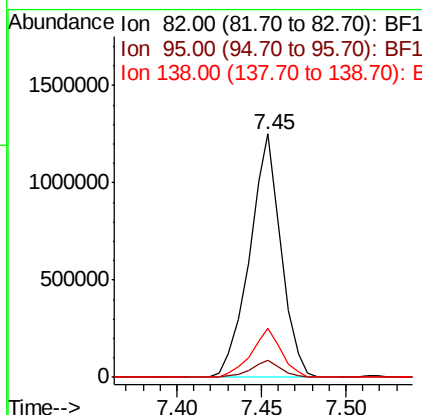
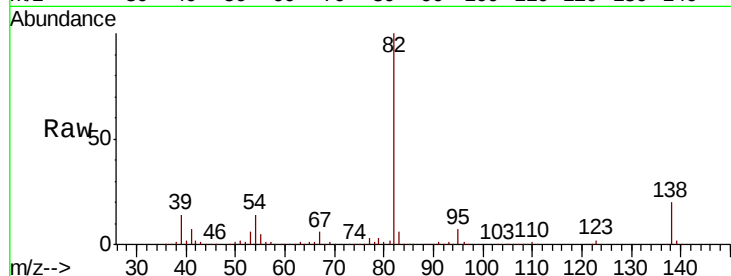




#25
Isophorone
Concen: 62.525 ng
RT: 7.45 min Scan# 938
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

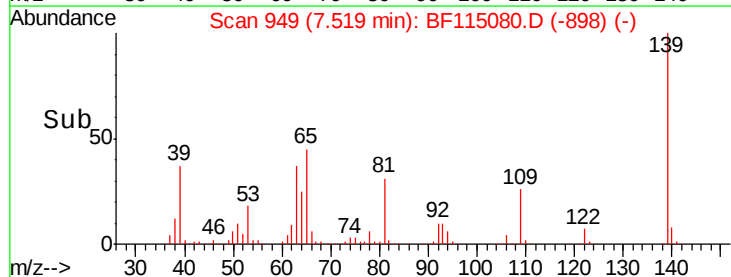
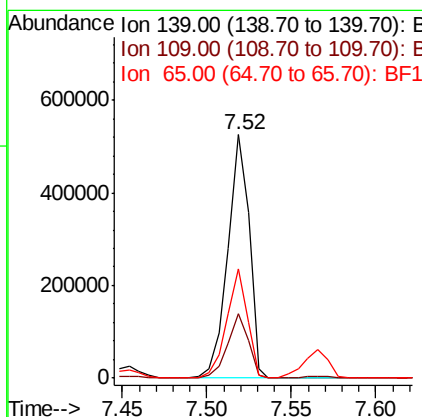
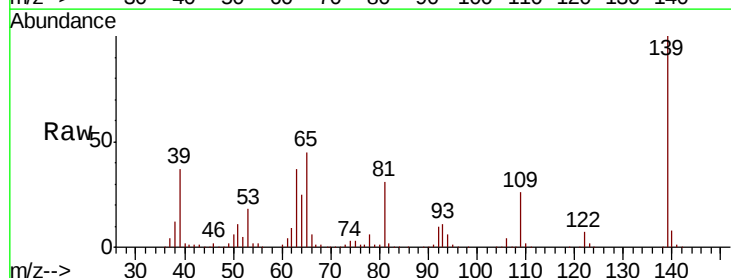
Instrument :
BNA_F
ClientSampleId :

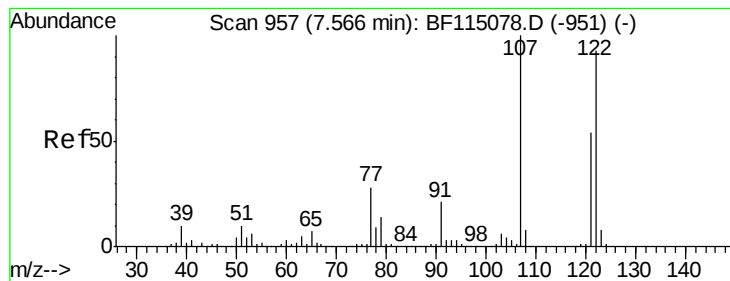
Tot Ion: 82 Resp: 1614732
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 20.3 15.9 23.9



#26
2-Nitrophenol
Concen: 59.048 ng
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion: 139 Resp: 461742
Ion Ratio Lower Upper
139 100
109 26.2 20.4 30.6
65 44.7 33.6 50.4

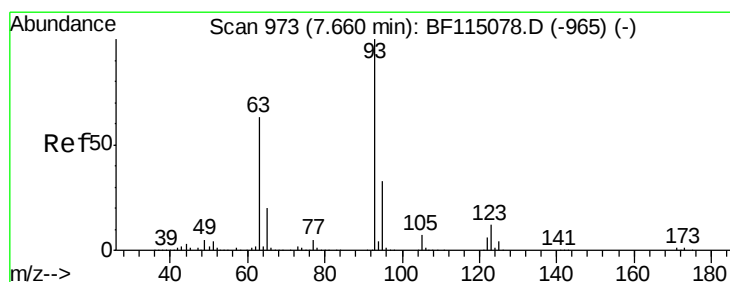
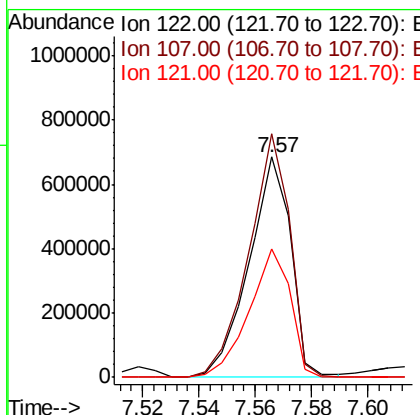
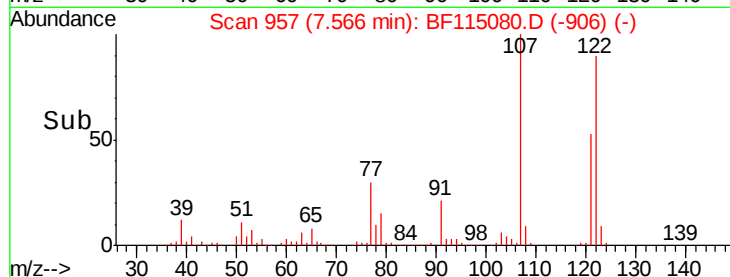
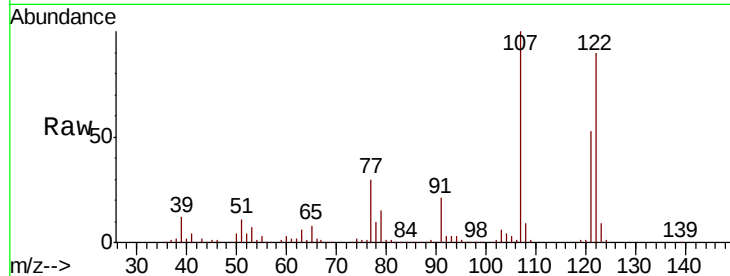




#27
2,4-Dimethylphenol
Concen: 62.342 ng
RT: 7.57 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

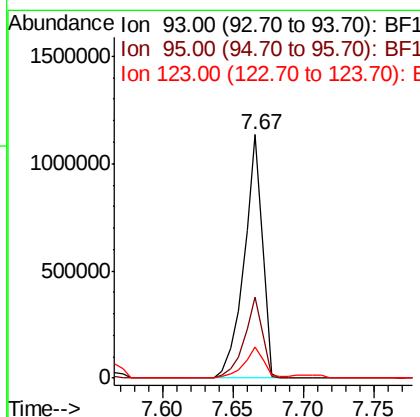
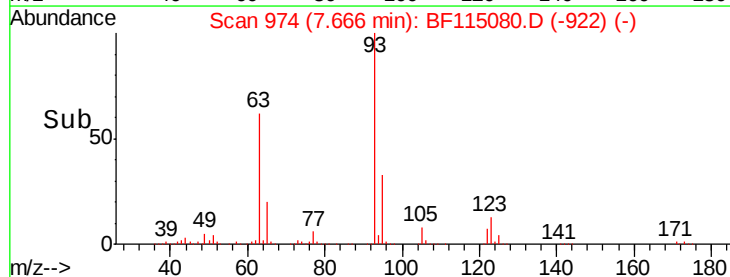
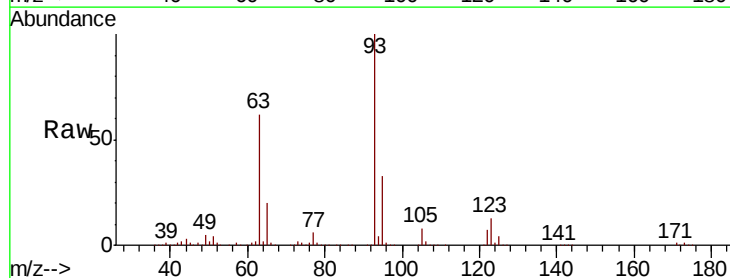
Instrument :
BNA_F
ClientSampleId :

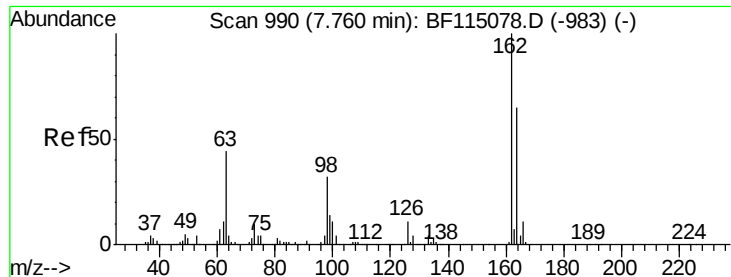
Tot Ion:122 Resp: 703264
Ion Ratio Lower Upper
122 100
107 110.6 85.8 128.6
121 58.5 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 61.373 ng
RT: 7.67 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion: 93 Resp: 1016899
Ion Ratio Lower Upper
93 100
95 33.1 26.2 39.4
123 12.8 9.7 14.5

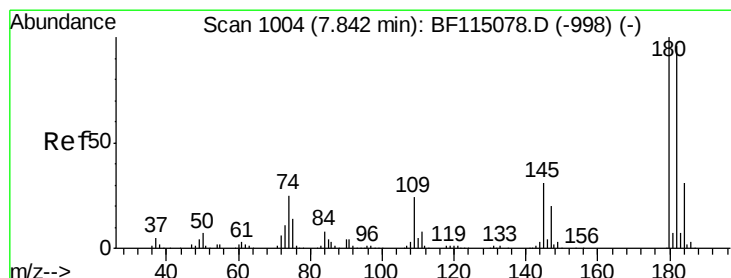
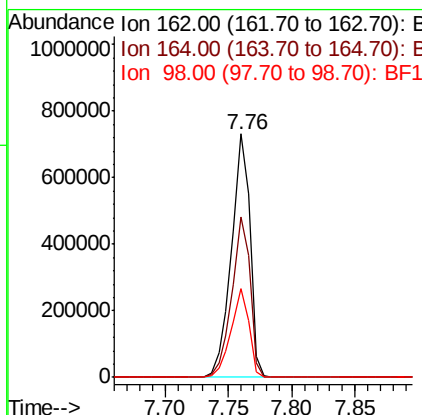
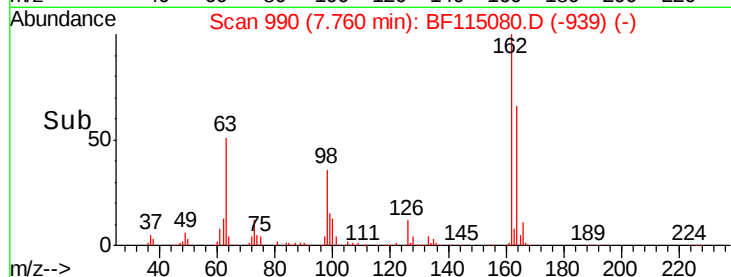
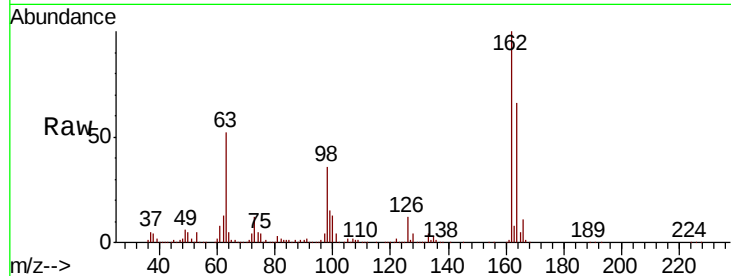




#29
 2,4-Dichlorophenol
 Concen: 61.546 ng
 RT: 7.76 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF115080.D
 Acq: 21 Jun 2019 15:32

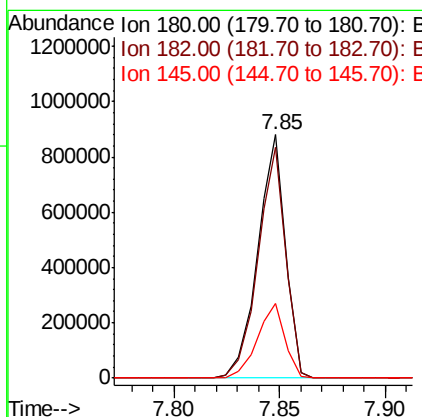
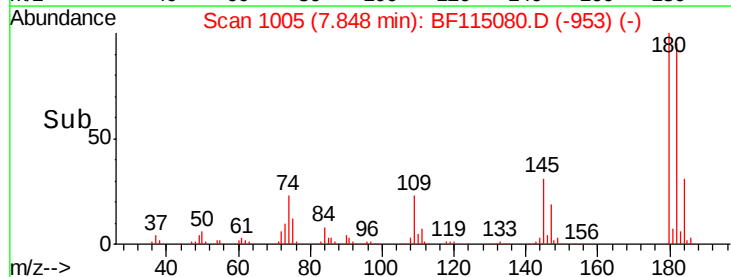
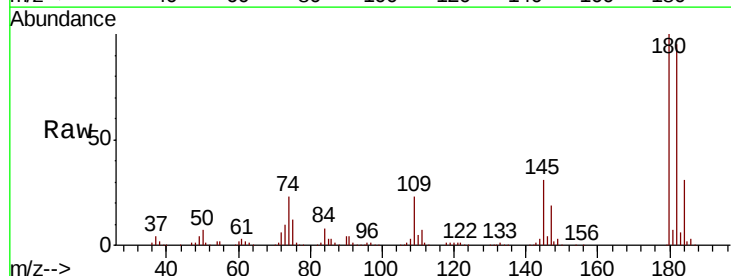
Instrument :
 BNA_F
 ClientSampleId :

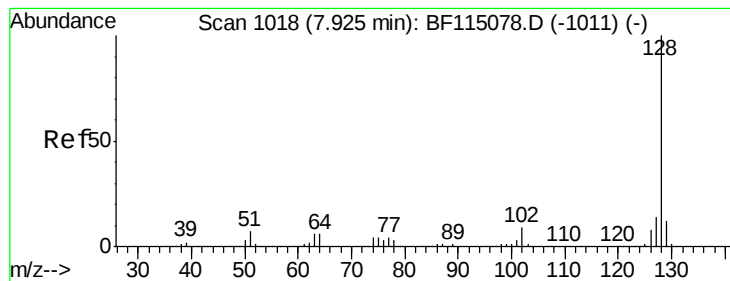
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	45.3	85.3
98	36.2	12.5	52.5



#30
 1,2,4-Trichlorobenzene
 Concen: 57.879 ng
 RT: 7.85 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115080.D
 Acq: 21 Jun 2019 15:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.4	114.6
145	30.7	24.8	37.2





#31

Naphthalene

Concen: 59.268 ng

RT: 7.92 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

Instrument :

BNA_F

ClientSampleId :

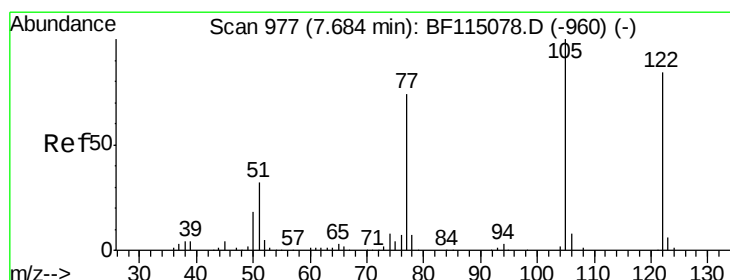
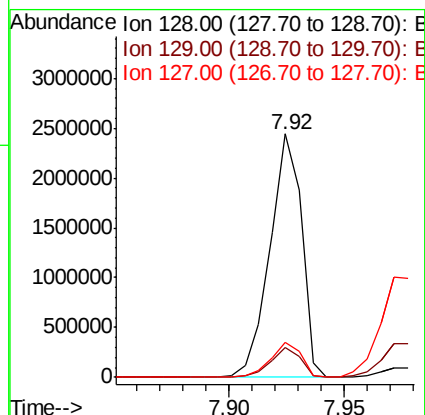
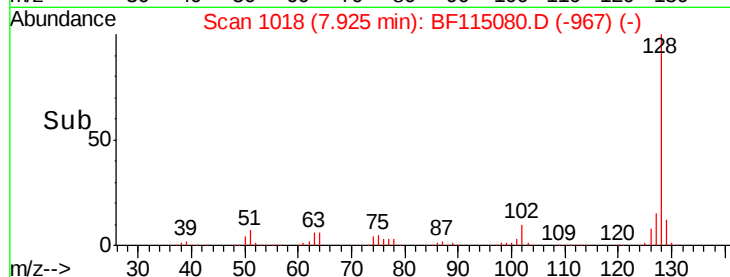
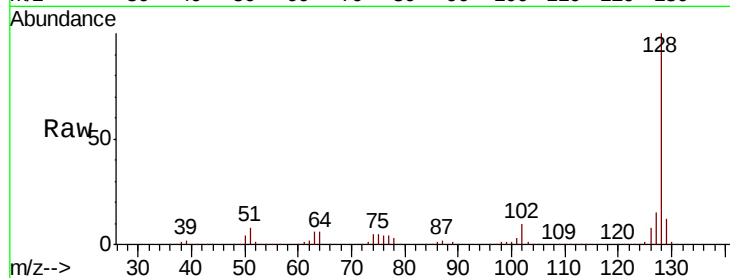
Tot Ion:128 Resp: 2327433

Ion Ratio Lower Upper

128 100

129 12.4 9.6 14.4

127 14.5 11.4 17.0



#32

Benzoic acid

Concen: 69.993 ng

RT: 7.71 min Scan# 982

Delta R.T. 0.03 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

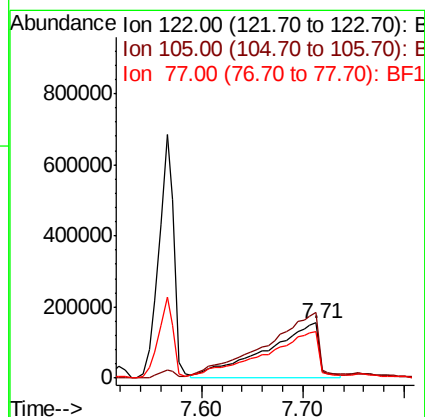
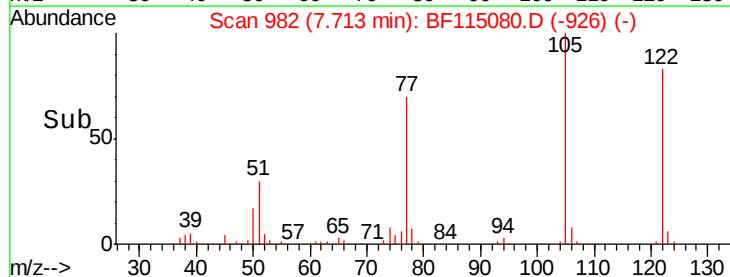
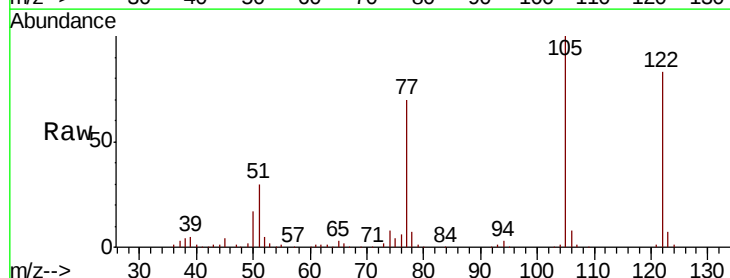
Tgt Ion:122 Resp: 571293

Ion Ratio Lower Upper

122 100

105 119.9 98.2 138.2

77 84.5 67.0 107.0

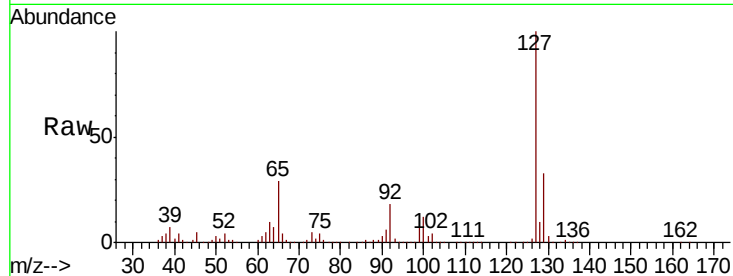




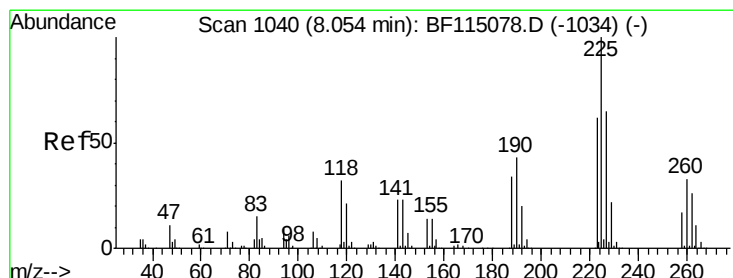
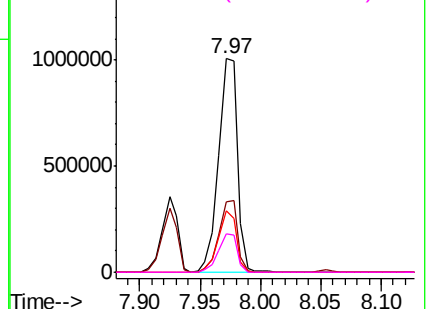
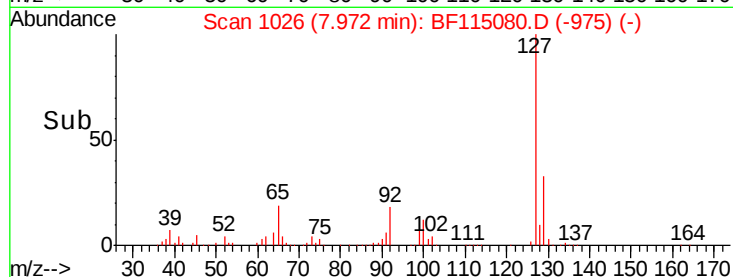
#33
4-Chloroaniline
Concen: 59.711 ng
RT: 7.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1082394
Ion Ratio Lower Upper
127 100
129 33.0 26.1 39.1
65 28.8 21.4 32.2
92 18.3 14.1 21.1

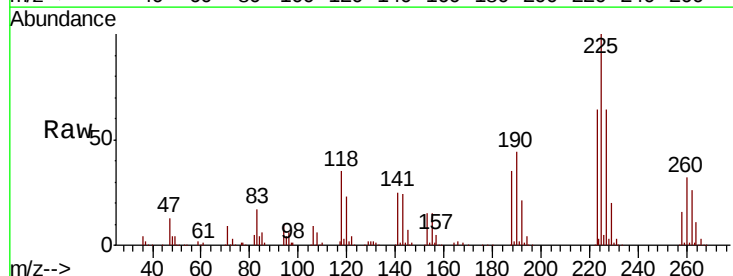


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

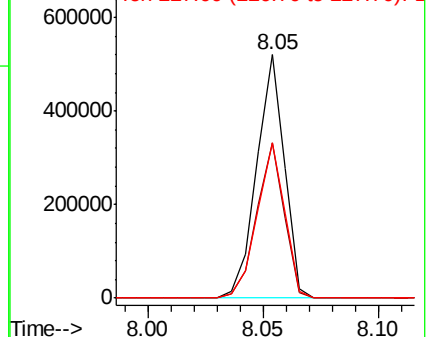
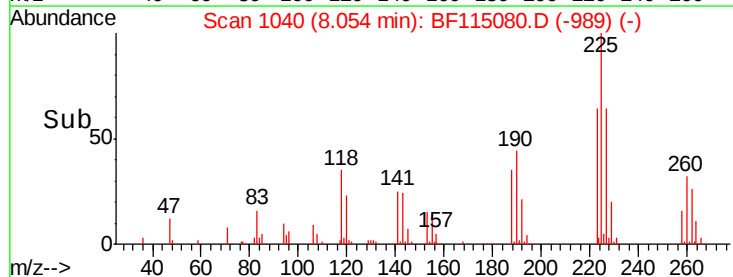


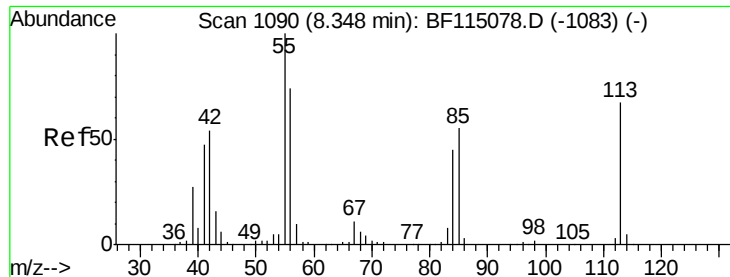
#34
Hexachlorobutadiene
Concen: 57.212 ng
RT: 8.05 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion:225 Resp: 437896
Ion Ratio Lower Upper
225 100
223 63.6 49.4 74.2
227 63.8 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

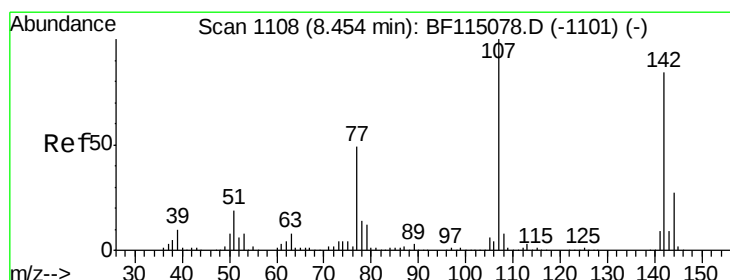
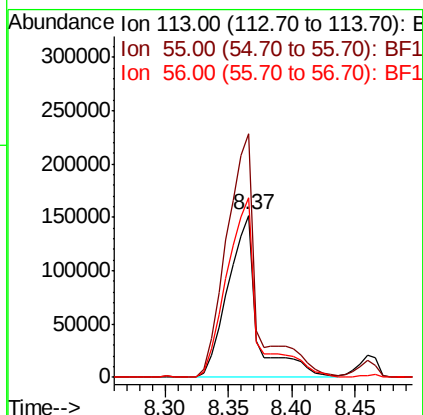
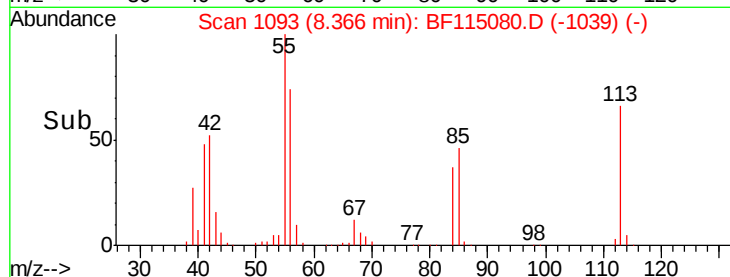
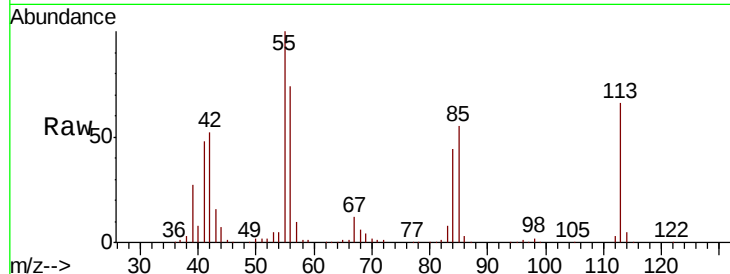




#35
Caprolactam
Concen: 61.917 ng
RT: 8.37 min Scan# 1093
Delta R.T. 0.02 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

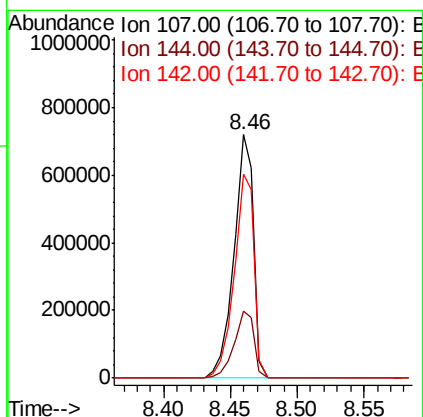
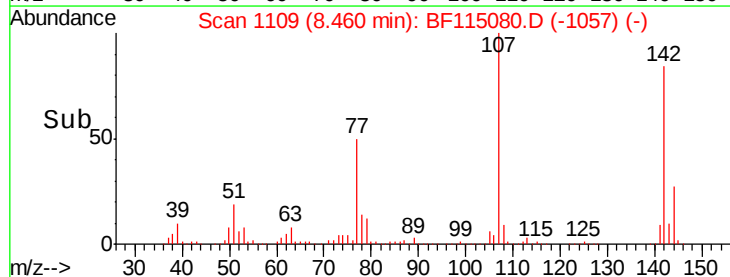
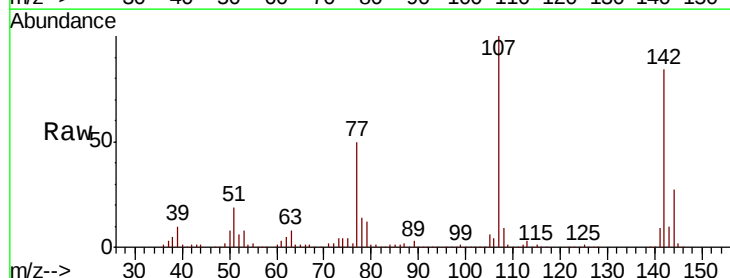
Instrument :
BNA_F
ClientSampleId :

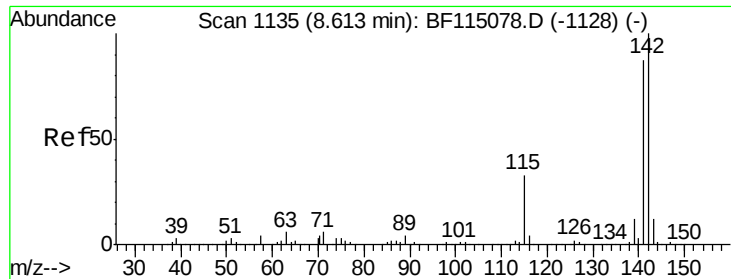
Tot Ion:113 Resp: 245759
Ion Ratio Lower Upper
113 100
55 150.6 130.2 170.2
56 111.4 91.6 131.6



#36
4-Chloro-3-methylphenol
Concen: 61.855 ng
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion:107 Resp: 742848
Ion Ratio Lower Upper
107 100
144 27.4 21.7 32.5
142 83.8 67.0 100.4

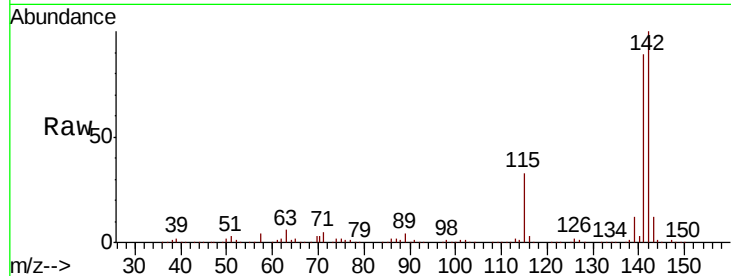




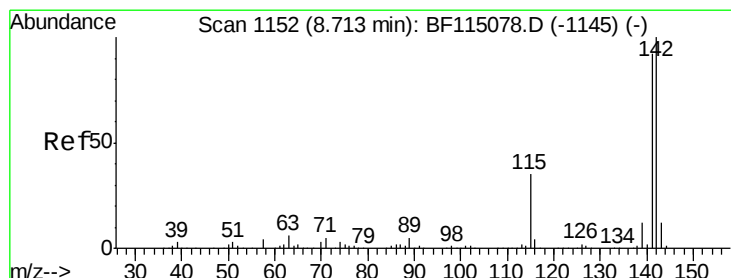
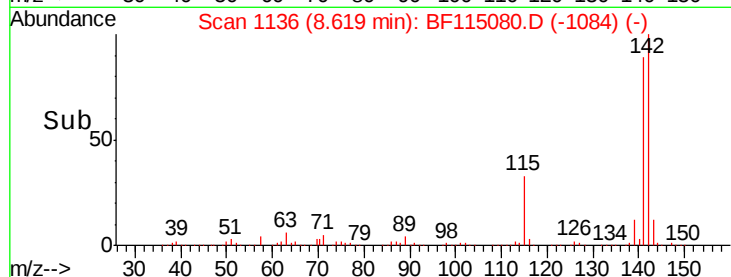
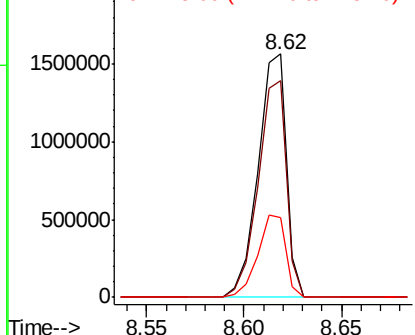
#37
2-Methylnaphthalene
Concen: 59.868 ng
RT: 8.62 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1568068
Ion Ratio Lower Upper
142 100
141 88.9 69.8 104.6
115 32.9 26.7 40.1

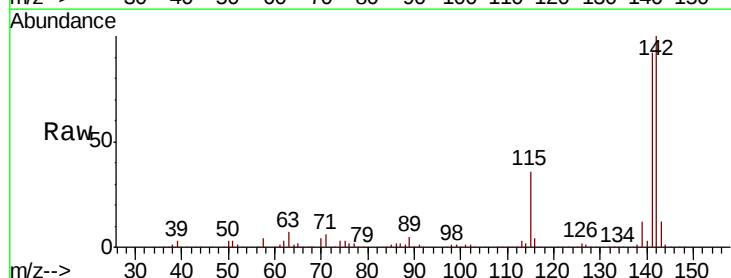


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

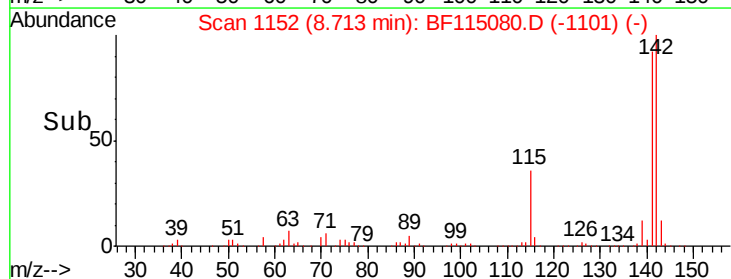
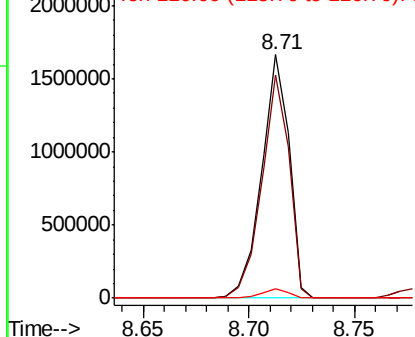


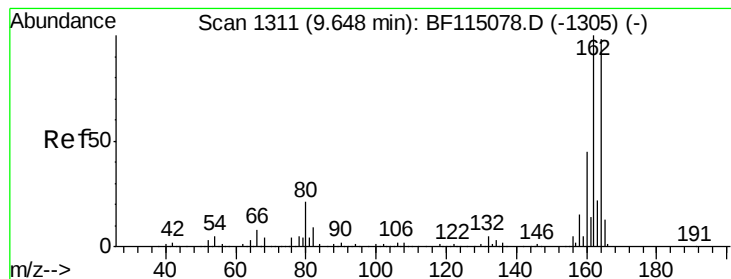
#38
1-Methylnaphthalene
Concen: 61.059 ng
RT: 8.71 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion:142 Resp: 1511519
Ion Ratio Lower Upper
142 100
141 91.6 73.8 110.8
116 3.8 2.8 4.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.65 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

Instrument :

BNA_F

ClientSampled :

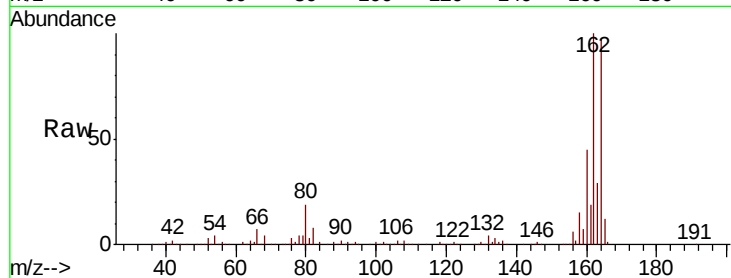
Tot Ion:164 Resp: 411136

Ion Ratio Lower Upper

164 100

162 103.0 81.7 122.5

160 46.4 37.0 55.4

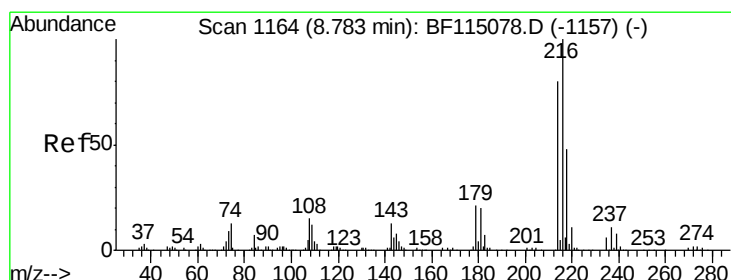
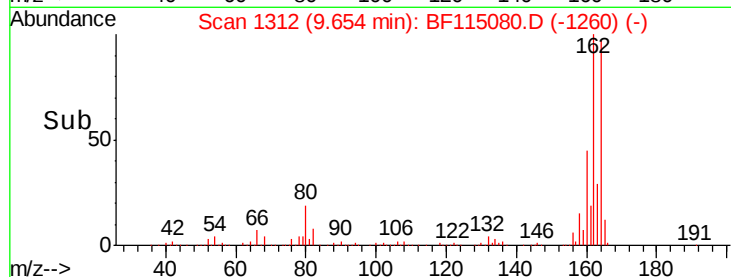
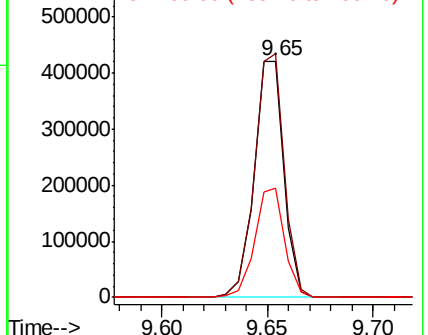


Abundance

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: 54.722 ng

RT: 8.78 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

Tgt Ion:216 Resp: 664676

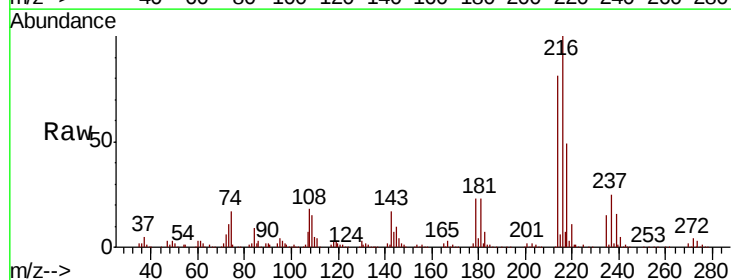
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.6

179 22.2 17.6 26.4

108 19.4 15.7 23.5



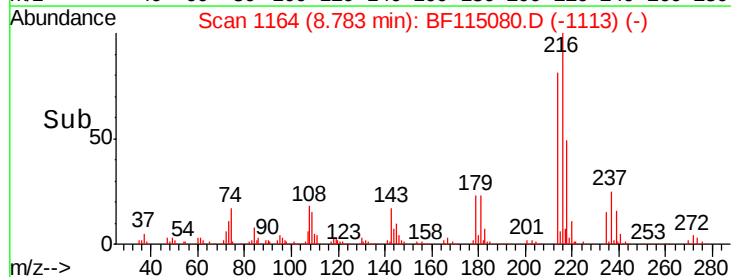
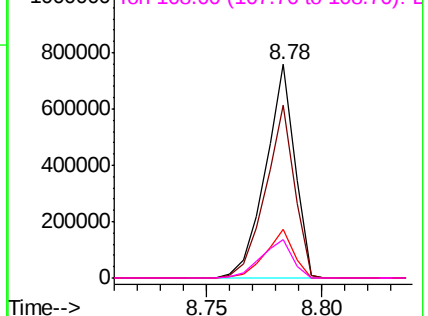
Abundance

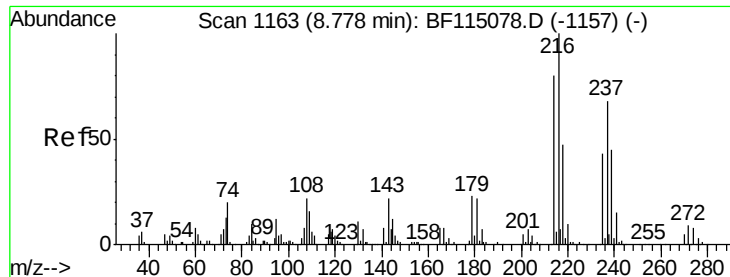
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 66.847 ng

RT: 8.78 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

Instrument :

BNA_F

ClientSampleId :

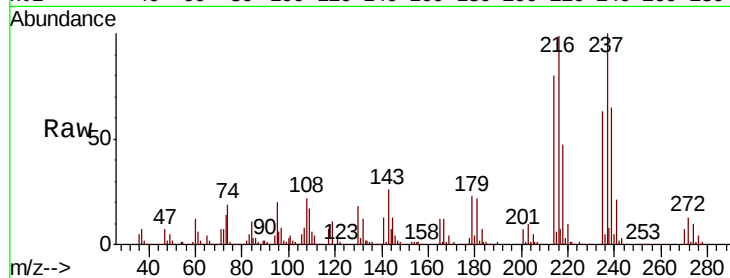
Tot Ion:237 Resp: 400101

Ion Ratio Lower Upper

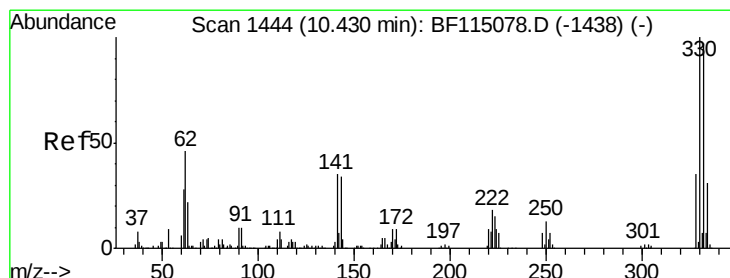
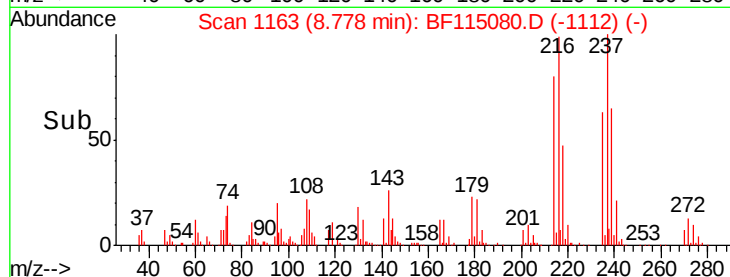
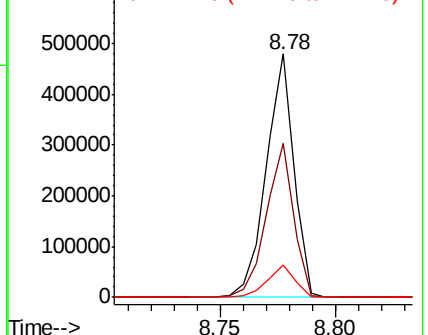
237 100

235 63.2 43.9 83.9

272 13.4 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: 113.698 ng

RT: 10.44 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

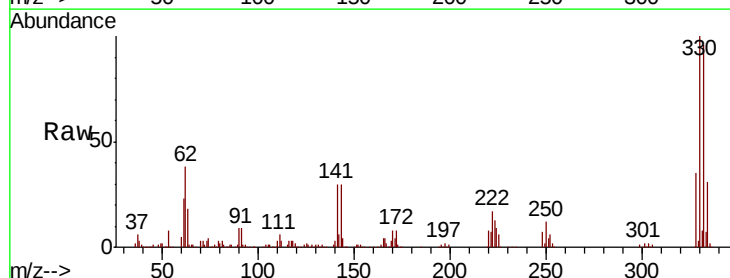
Tgt Ion:330 Resp: 500576

Ion Ratio Lower Upper

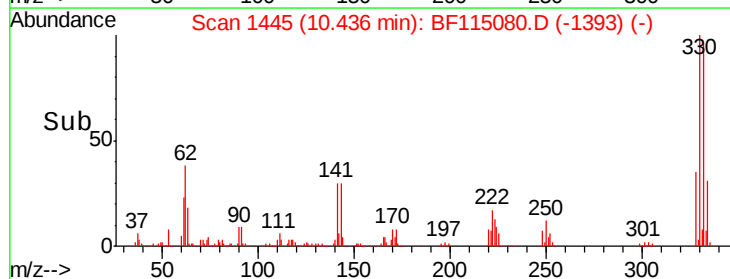
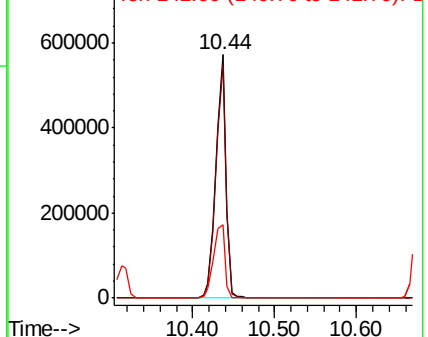
330 100

332 96.0 77.3 115.9

141 34.1 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

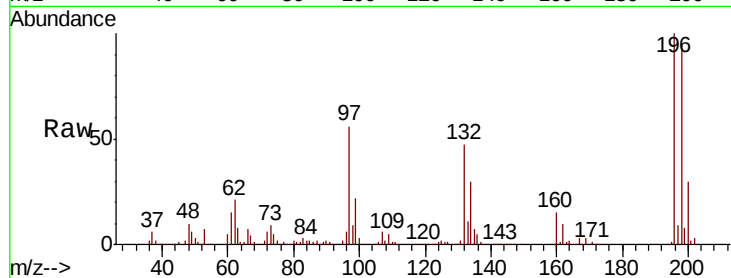




#43
 2,4,6-Trichlorophenol
 Concen: 58.323 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF115080.D
 Acq: 21 Jun 2019 15:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	529126
Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.3	114.5
200	29.8	24.2	36.4

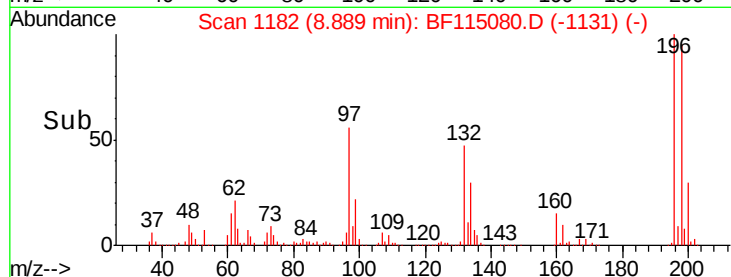
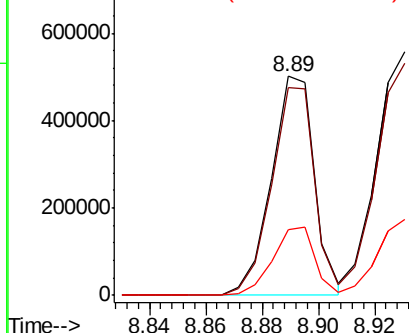


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 59.777 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115080.D
 Acq: 21 Jun 2019 15:32

Tgt Ion	196	Resp	548058
Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.1	115.7
97	43.7	37.7	56.5
132	28.1	23.1	34.7

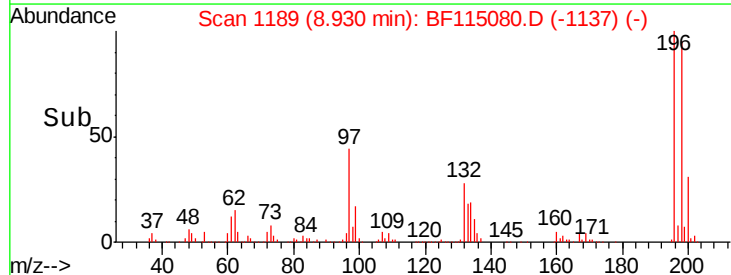
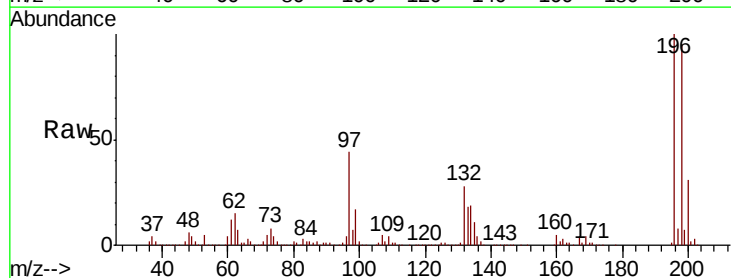
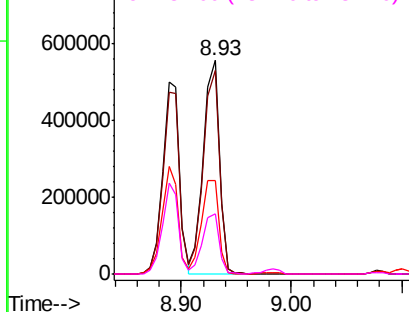
Abundance

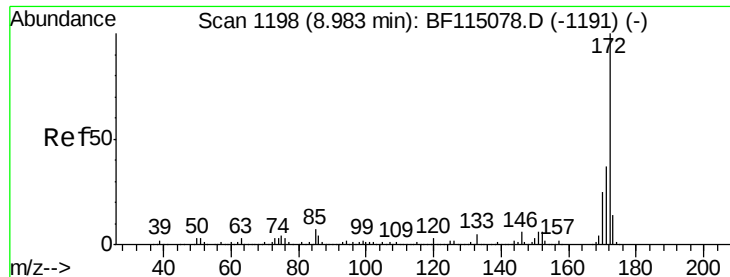
Ion 196.00 (195.70 to 196.70): E

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

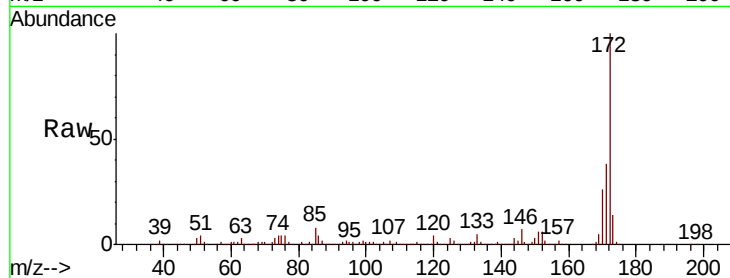




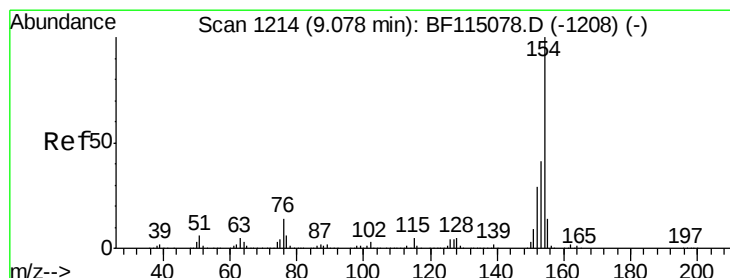
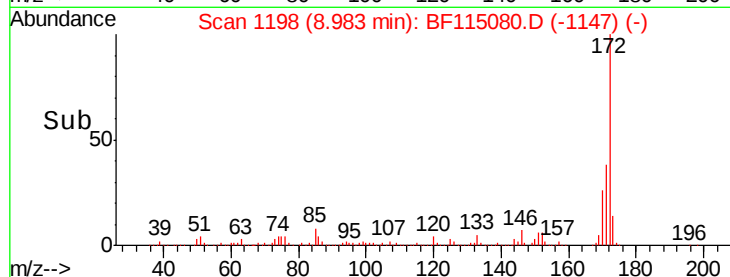
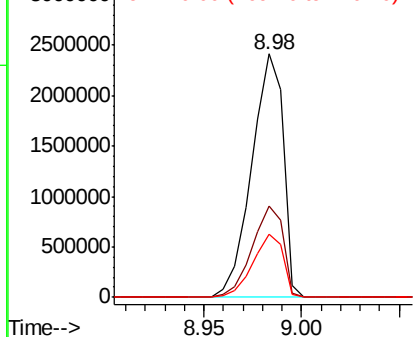
#45
2-Fluorobiphenyl
Concen: 111.141 ng
RT: 8.98 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2696072
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 25.9 20.3 30.5

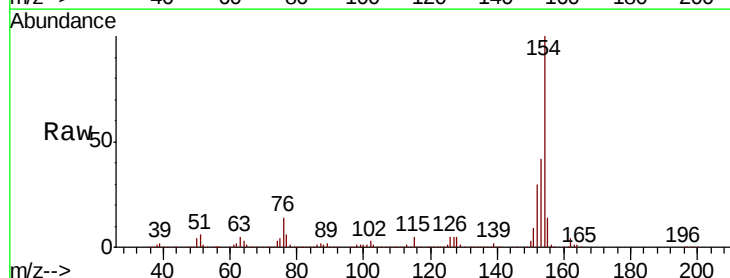


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

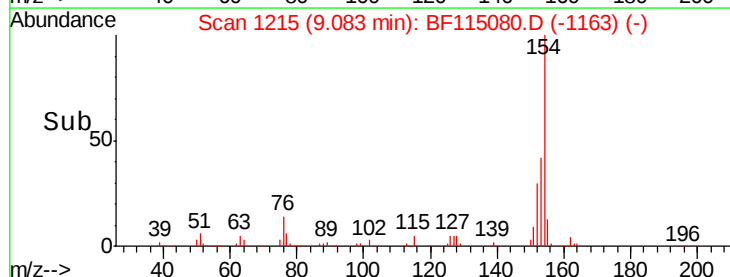
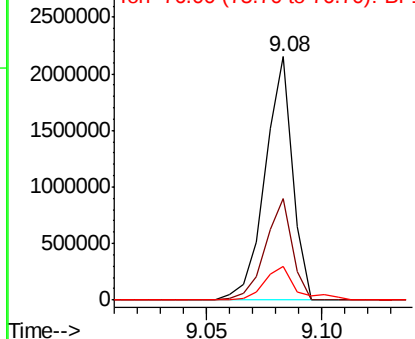


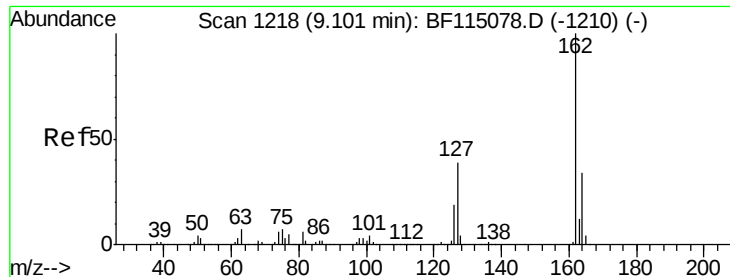
#46
1,1'-Biphenyl
Concen: 53.924 ng
RT: 9.08 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion:154 Resp: 1776603
Ion Ratio Lower Upper
154 100
153 41.9 20.9 60.9
76 13.7 0.0 34.1



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

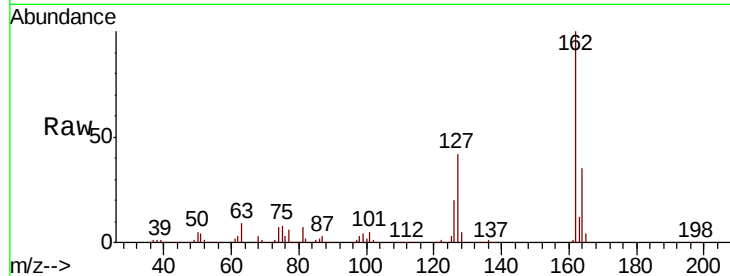




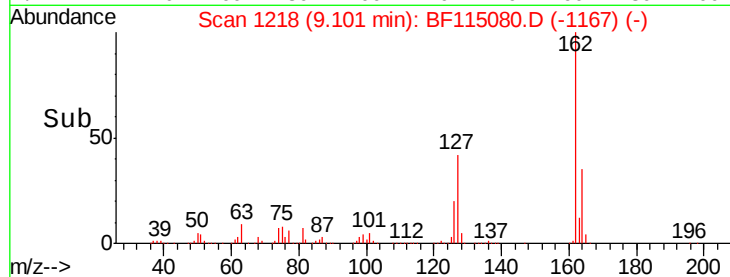
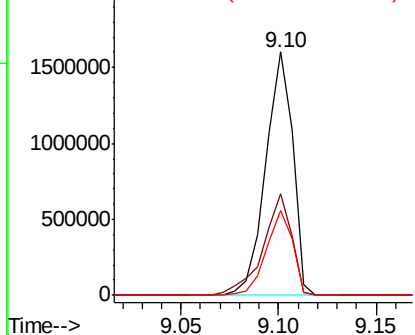
#47
 2-Chloronaphthalene
 Concen: 57.667 ng
 RT: 9.10 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF115080.D
 Acq: 21 Jun 2019 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1536342
 Ion Ratio Lower Upper
 162 100
 127 41.8 30.8 46.2
 164 34.8 27.0 40.4

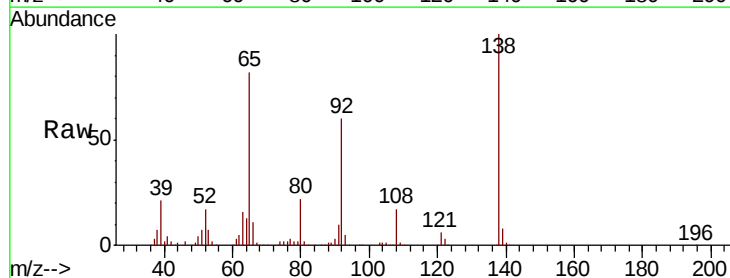


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

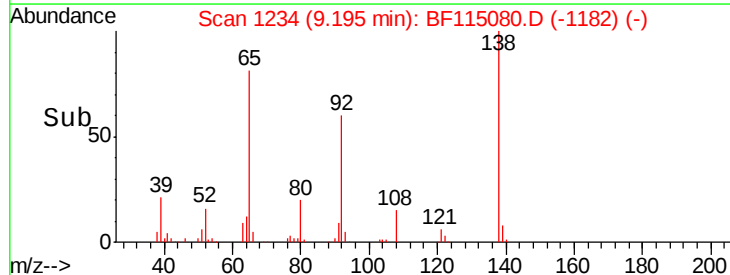
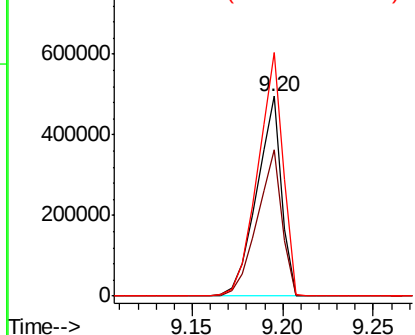


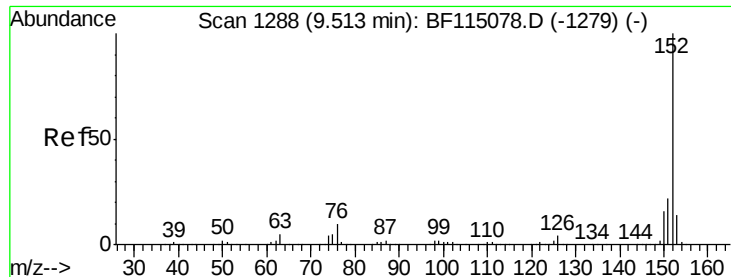
#48
 2-Nitroaniline
 Concen: 59.716 ng
 RT: 9.20 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: BF115080.D
 Acq: 21 Jun 2019 15:32

Tgt Ion: 65 Resp: 470238
 Ion Ratio Lower Upper
 65 100
 92 73.2 57.4 86.2
 138 121.9 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: 57.548 ng

RT: 9.51 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

Instrument :

BNA_F

ClientSampleId :

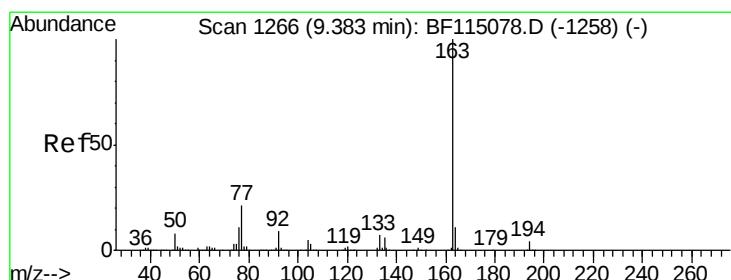
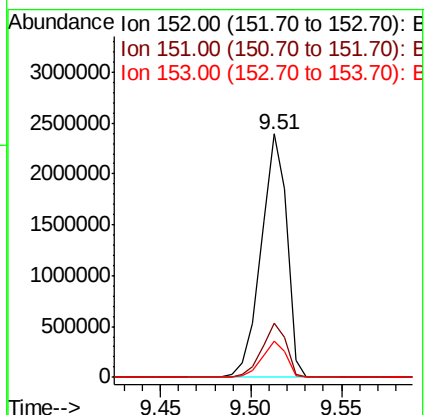
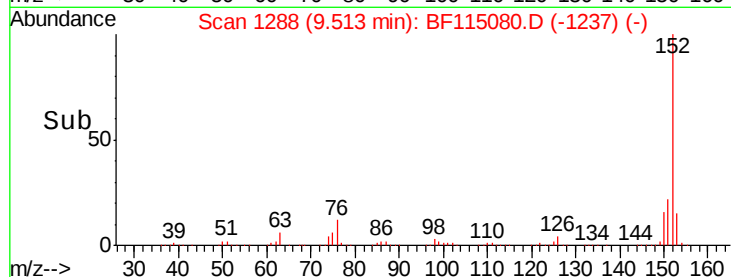
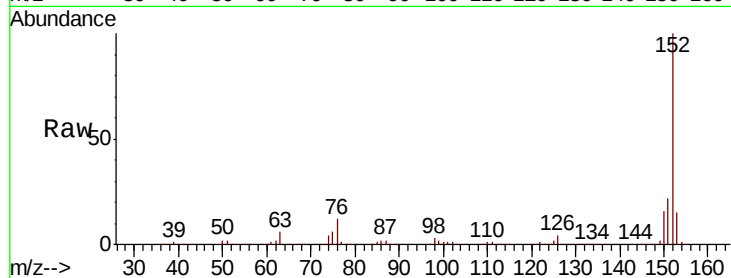
Tot Ion:152 Resp: 2357293

Ion Ratio Lower Upper

152 100

151 22.1 17.2 25.8

153 15.0 11.0 16.6



#50

Dimethylphthalate

Concen: 56.147 ng

RT: 9.40 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

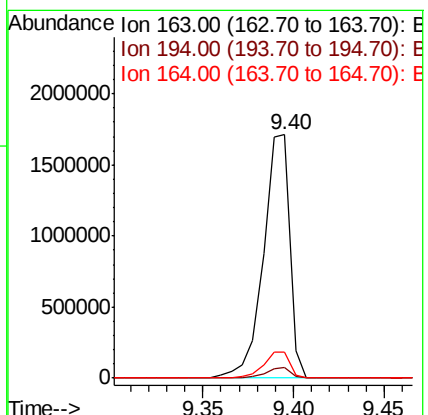
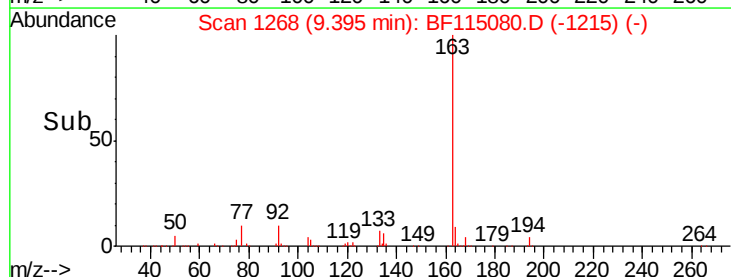
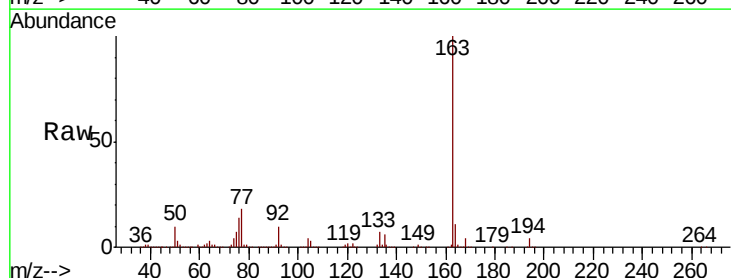
Tgt Ion:163 Resp: 1736027

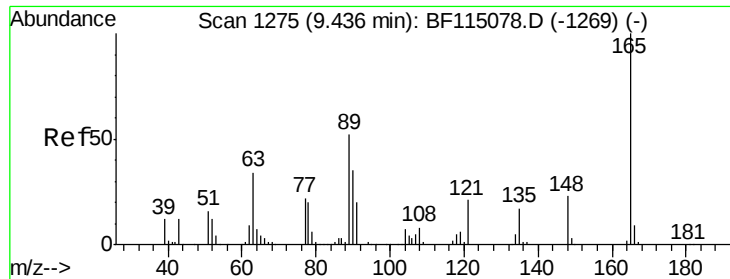
Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

164 10.5 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 58.985 ng

RT: 9.44 min Scan# 1276

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

Instrument :

BNA_F

ClientSampleId :

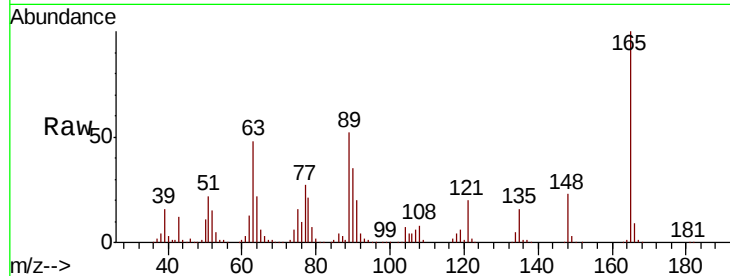
Tot Ion:165 Resp: 413696

Ion Ratio Lower Upper

165 100

63 48.5 39.4 59.2

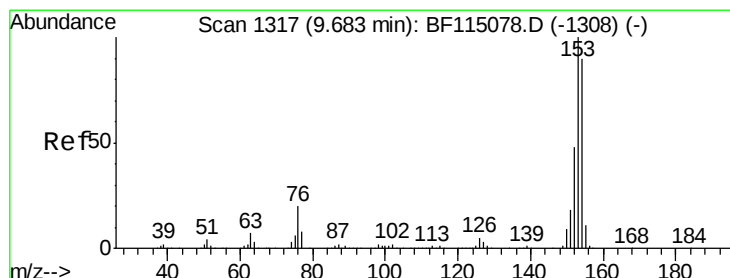
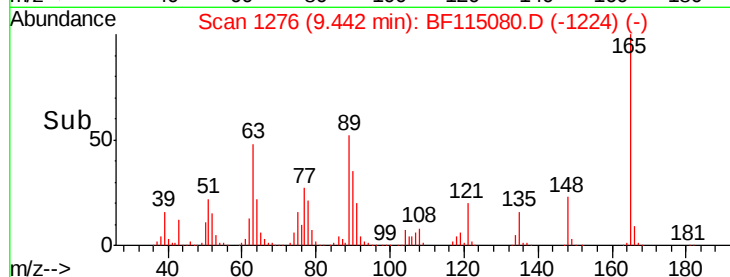
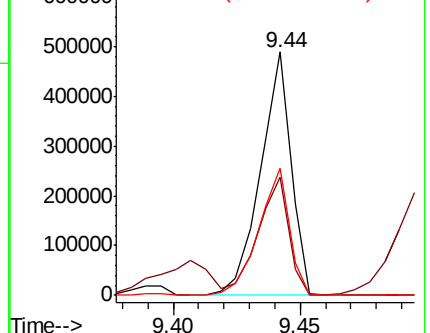
89 52.0 42.0 63.0



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: 63.116 ng

RT: 9.69 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

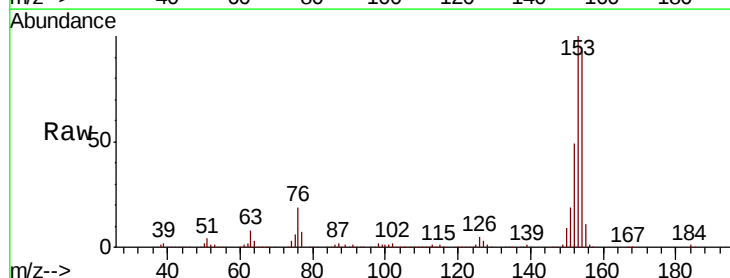
Tgt Ion:154 Resp: 1479163

Ion Ratio Lower Upper

154 100

153 109.1 88.7 133.1

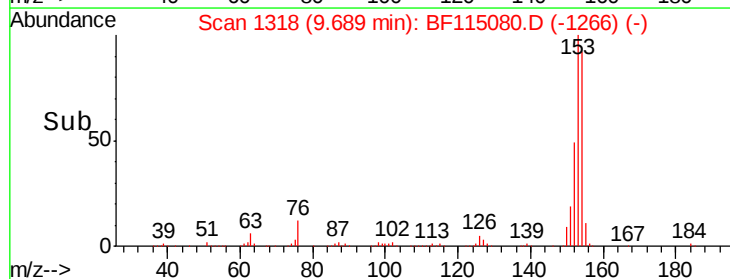
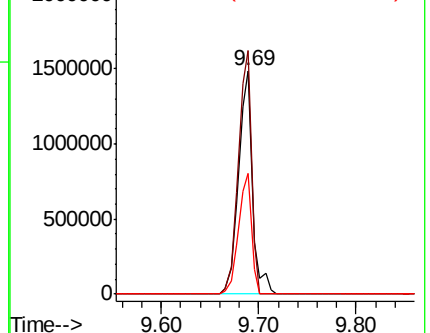
152 53.9 42.6 64.0

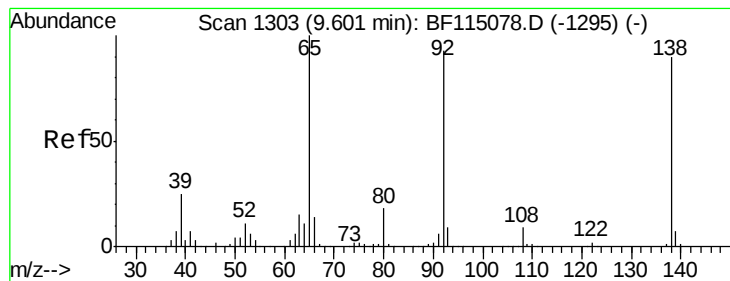


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 59.399 ng

RT: 9.61 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

Instrument :

BNA_F

ClientSampleId :

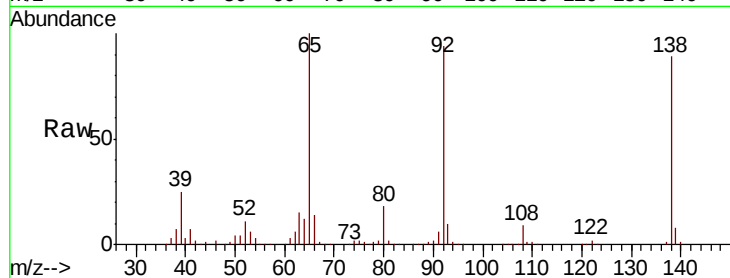
Tot Ion:138 Resp: 510426

Ion Ratio Lower Upper

138 100

108 10.0 7.8 11.6

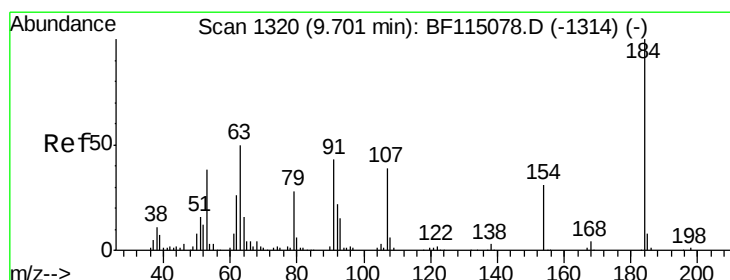
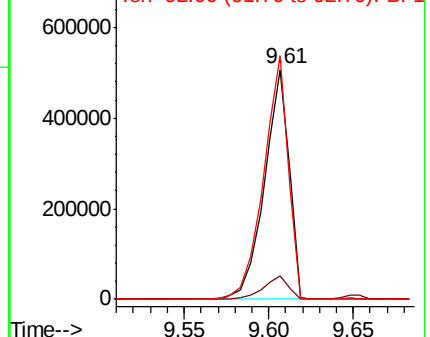
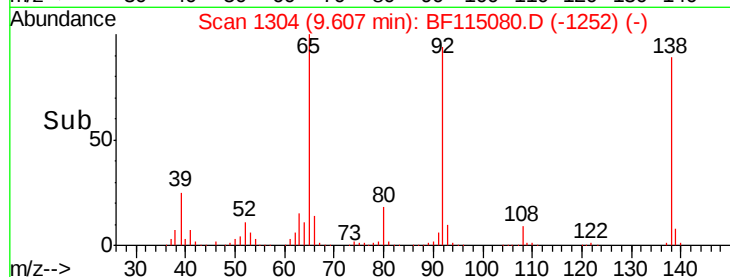
92 105.9 82.9 124.3



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: 59.723 ng

RT: 9.71 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

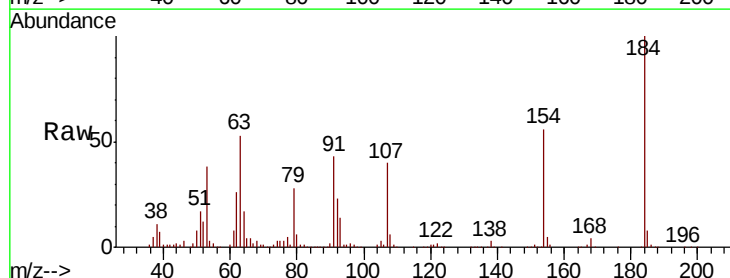
Tgt Ion:184 Resp: 203171

Ion Ratio Lower Upper

184 100

63 53.2 41.9 62.9

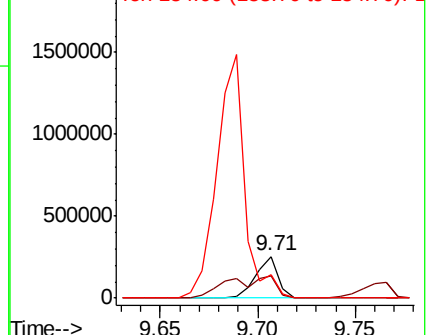
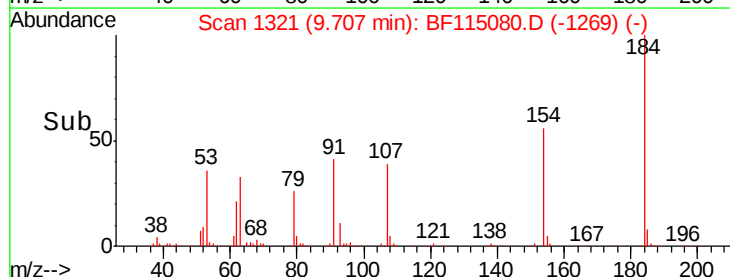
154 55.9 44.7 67.1

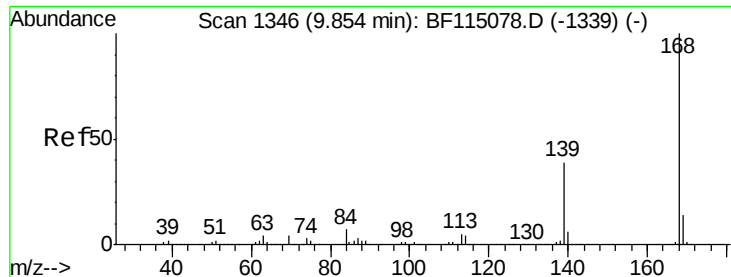


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

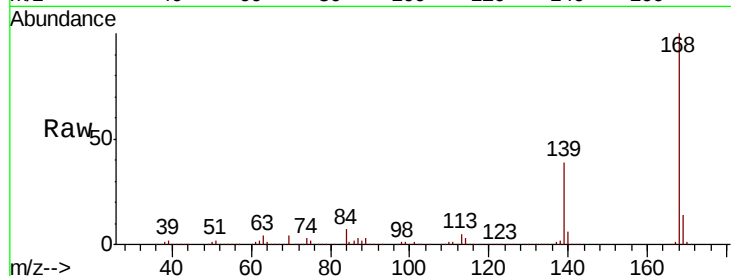




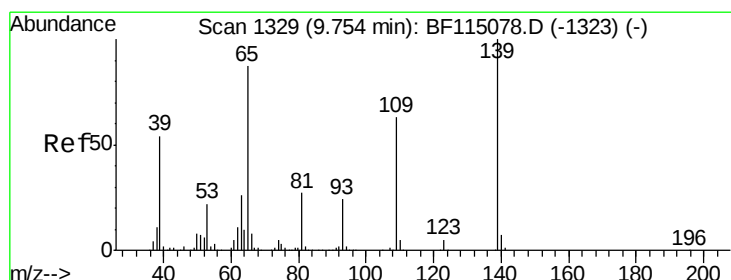
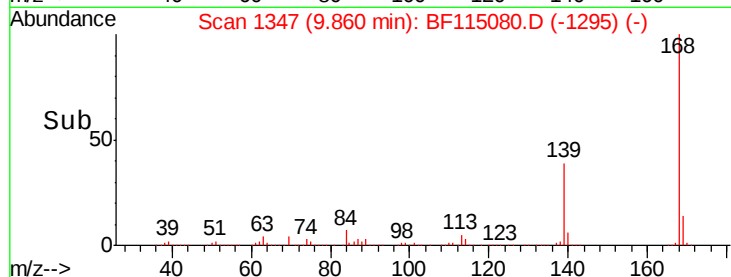
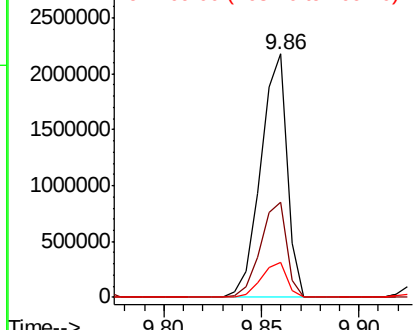
#55
Dibenzofuran
Concen: 57.673 ng
RT: 9.86 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2037027
Ion Ratio Lower Upper
168 100
139 39.3 31.1 46.7
169 14.4 11.3 16.9

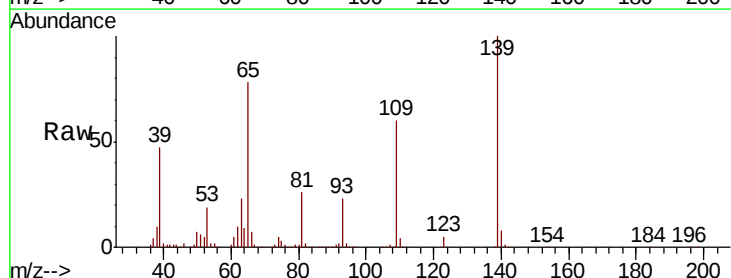


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

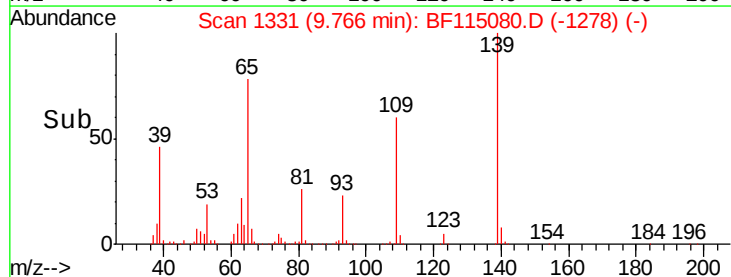
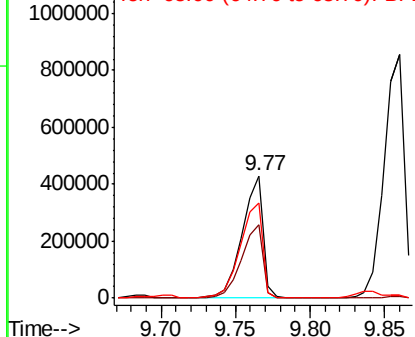


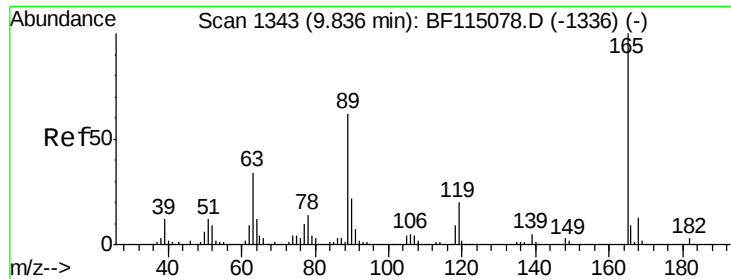
#56
4-Nitrophenol
Concen: 70.815 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion:139 Resp: 419636
Ion Ratio Lower Upper
139 100
109 60.2 43.0 83.0
65 77.7 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

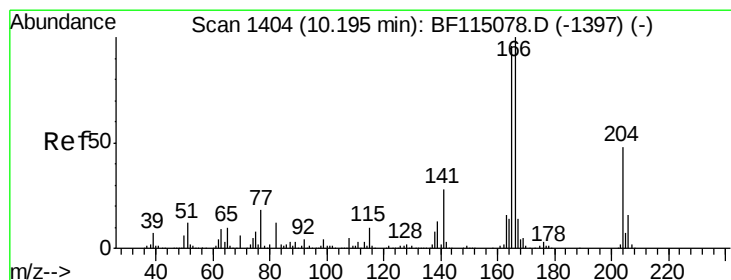
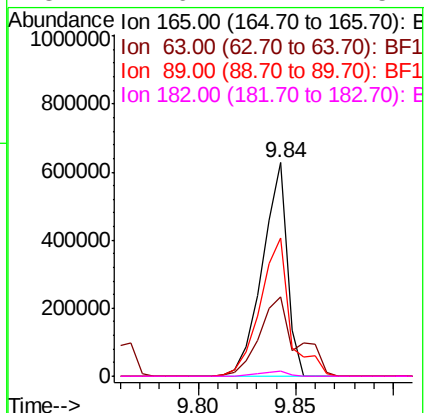
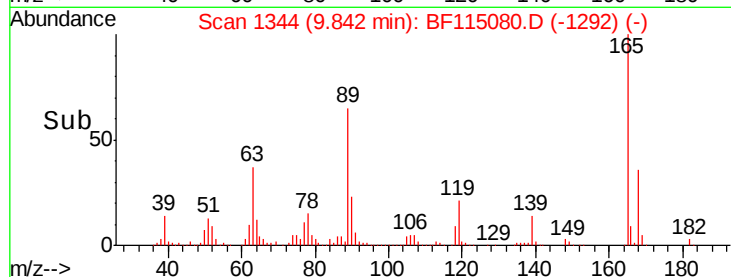
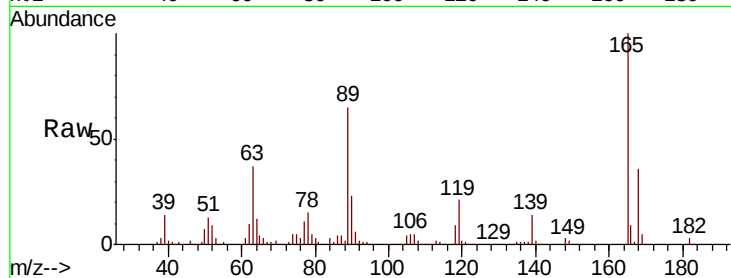




#57
2,4-Dinitrotoluene
Concen: 62.189 ng
RT: 9.84 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

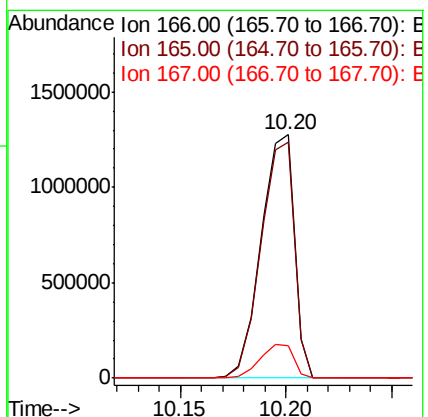
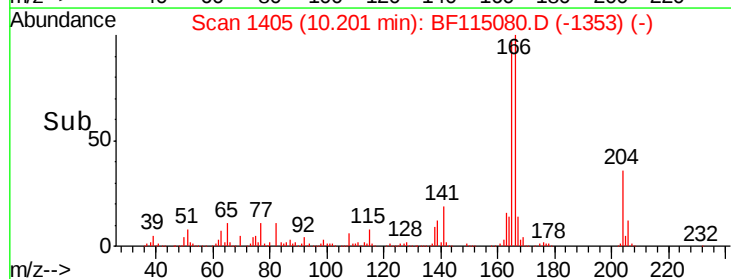
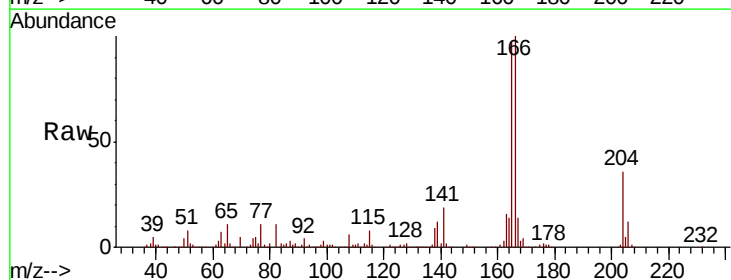
Instrument :
BNA_F
ClientSampled :

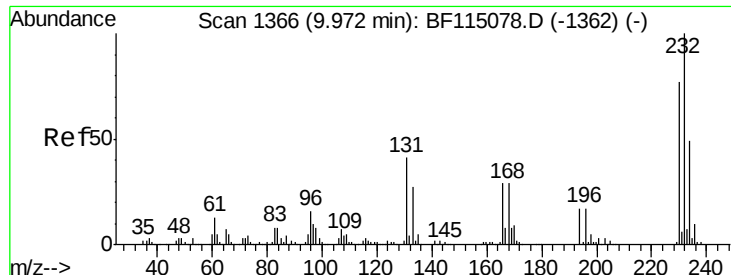
Tot Ion:165	Resp:	555154
Ion Ratio	Lower	Upper
165	100	
63	37.3	27.5 41.3
89	64.9	49.9 74.9
182	2.6	2.1 3.1



#58
Fluorene
Concen: 54.119 ng
RT: 10.20 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion:166	Resp:	1398077
Ion Ratio	Lower	Upper
166	100	
165	96.9	76.5 114.7
167	13.5	11.0 16.4

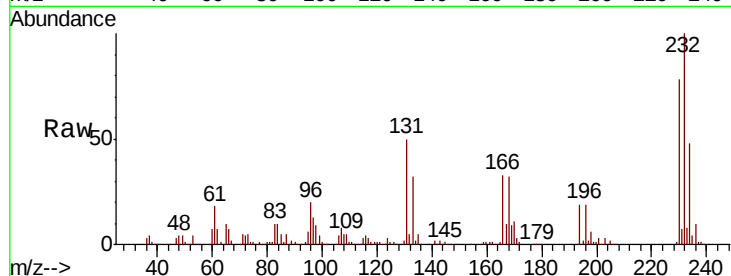




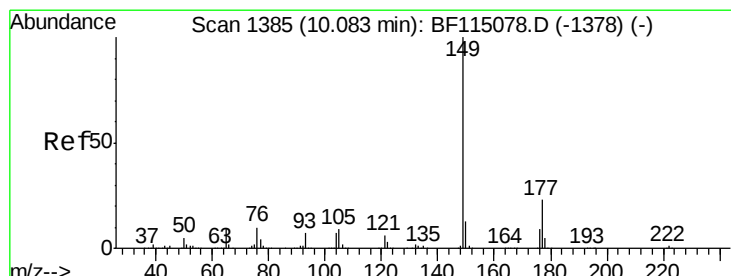
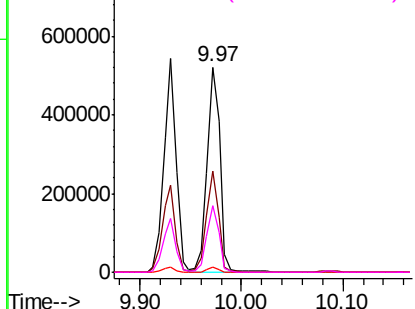
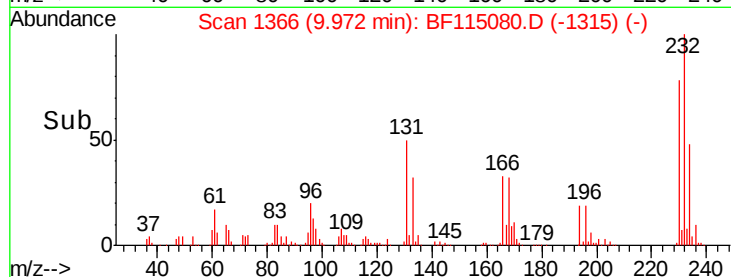
#59
2,3,4,6-Tetrachlorophenol
Concen: 61.676 ng
RT: 9.97 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 456766
Ion Ratio Lower Upper
232 100
131 46.6 37.4 56.0
130 2.2 1.8 2.6
166 30.9 24.6 36.8

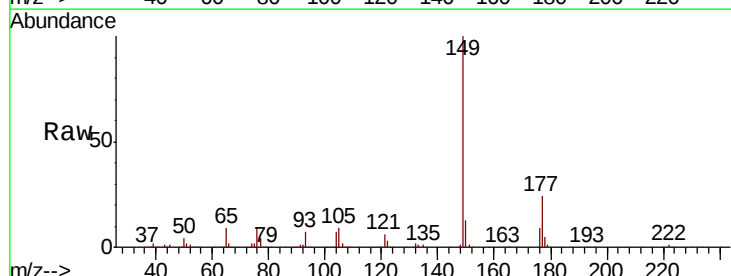


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

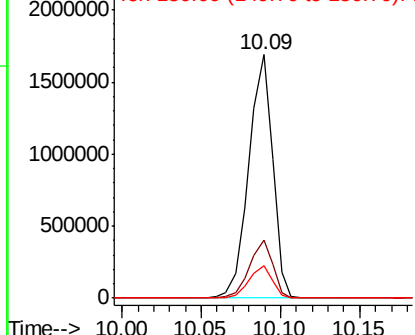
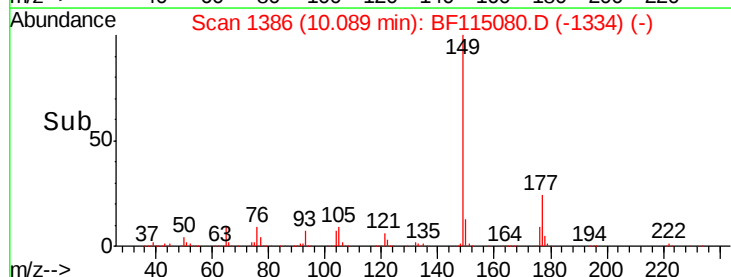


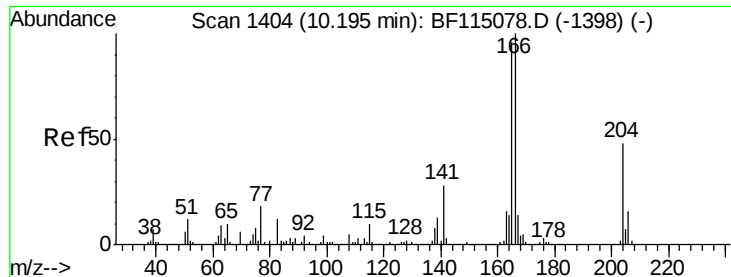
#60
Diethylphthalate
Concen: 59.868 ng
RT: 10.09 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion:149 Resp: 1769927
Ion Ratio Lower Upper
149 100
177 23.8 18.7 28.1
150 13.1 10.4 15.6



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

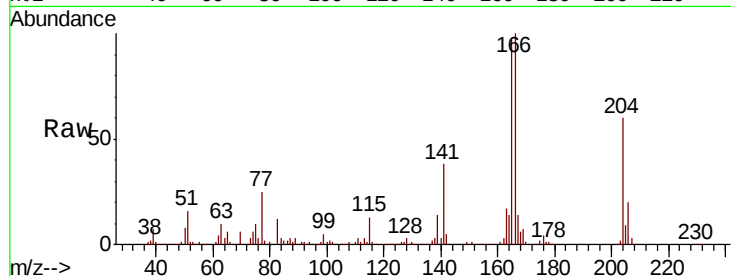




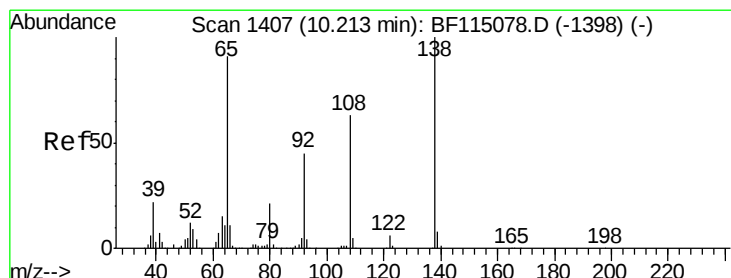
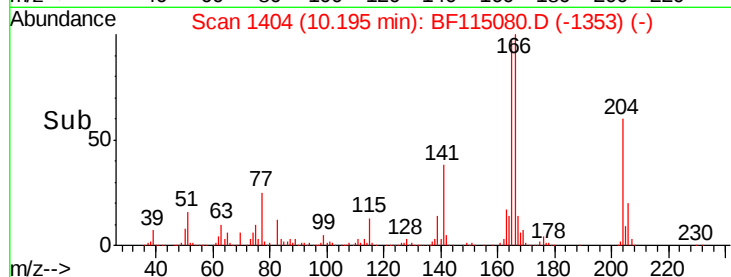
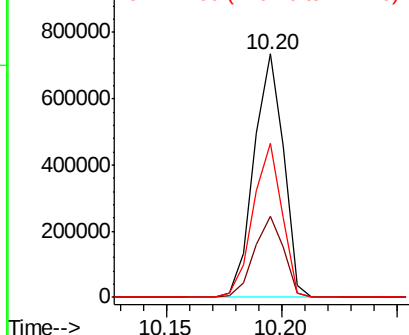
#61
 4-Chlorophenyl-phenylether
 Concen: 51.944 ng
 RT: 10.20 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF115080.D
 Acq: 21 Jun 2019 15:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 662358
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.6 40.0
 141 63.2 46.7 70.1

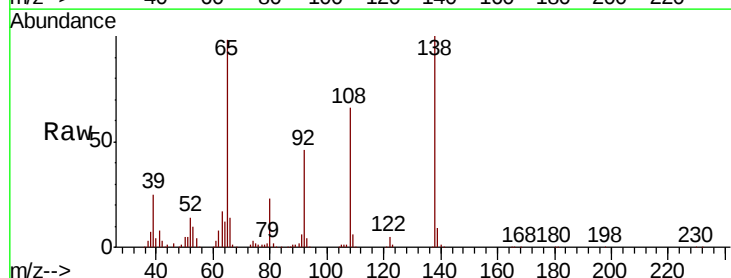


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

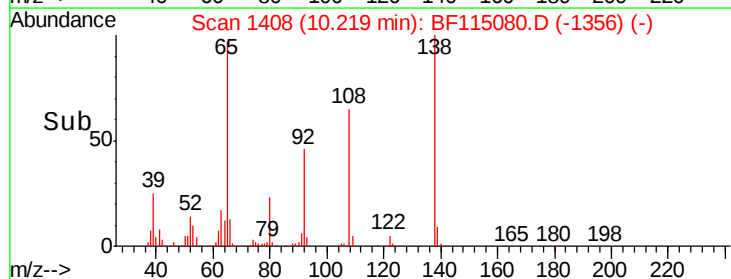
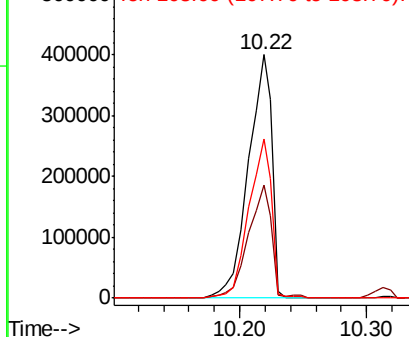


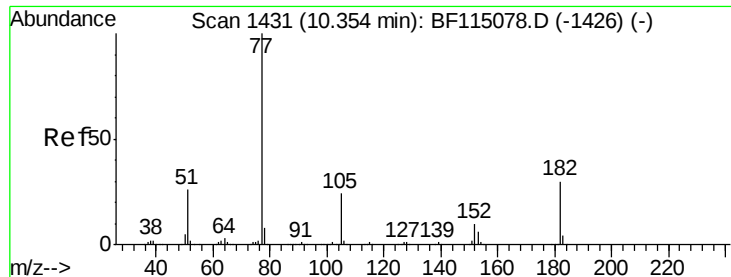
#62
 4-Nitroaniline
 Concen: 60.266 ng
 RT: 10.22 min Scan# 1408
 Delta R.T. 0.01 min
 Lab File: BF115080.D
 Acq: 21 Jun 2019 15:32

Tgt Ion:138 Resp: 520691
 Ion Ratio Lower Upper
 138 100
 92 46.5 24.8 64.8
 108 65.5 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

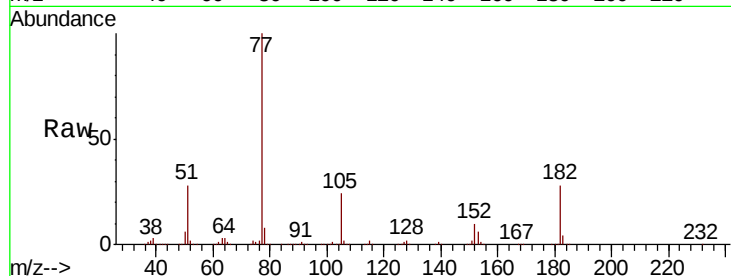




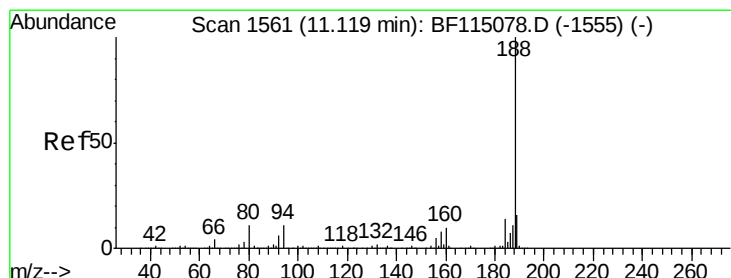
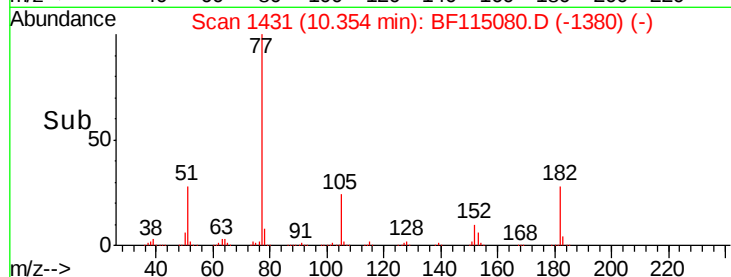
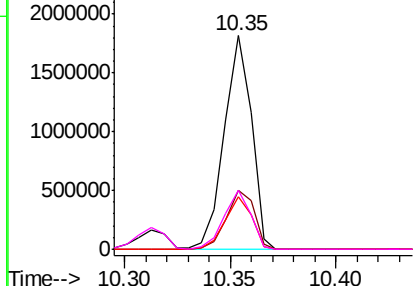
#63
Azobenzene
Concen: 62.291 ng
RT: 10.35 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1611084
Ion Ratio Lower Upper
77 100
182 27.8 10.1 50.1
105 24.4 4.5 44.5
51 27.8 6.4 46.4

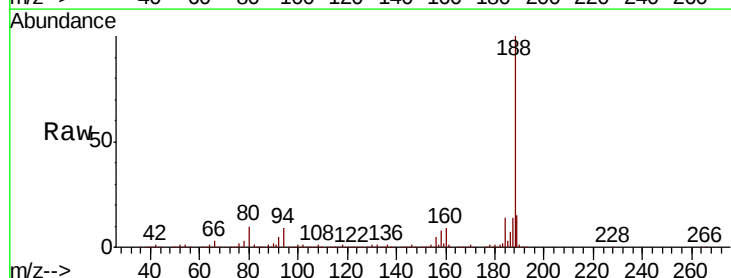


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

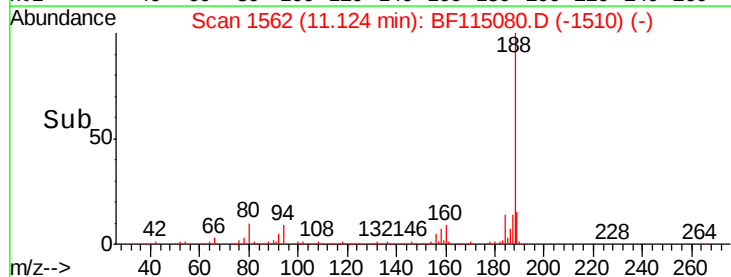
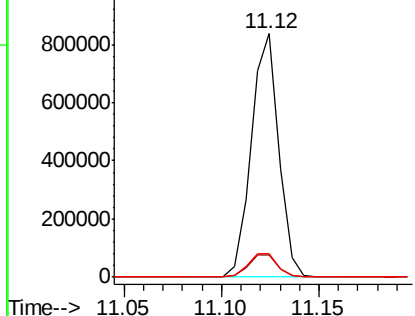


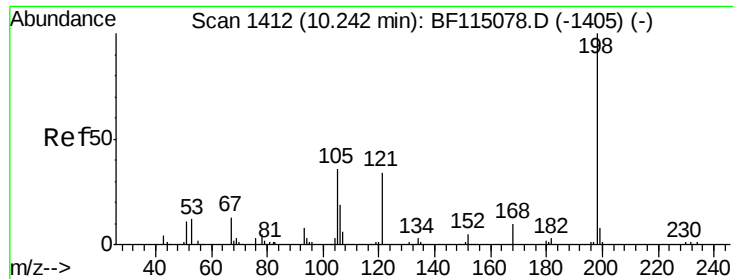
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion: 188 Resp: 809298
Ion Ratio Lower Upper
188 100
94 9.1 8.6 12.8
80 9.7 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

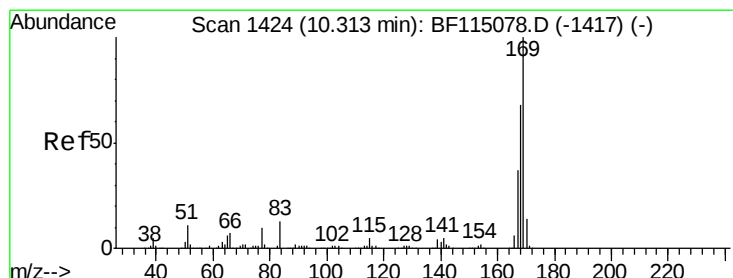
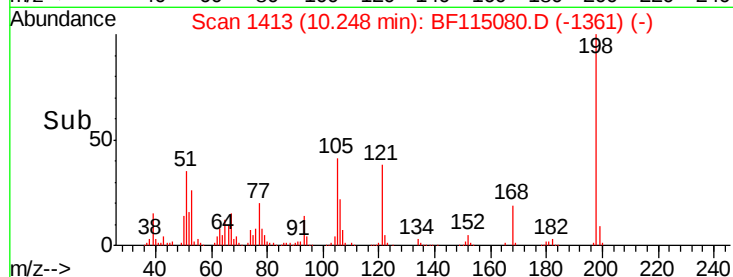
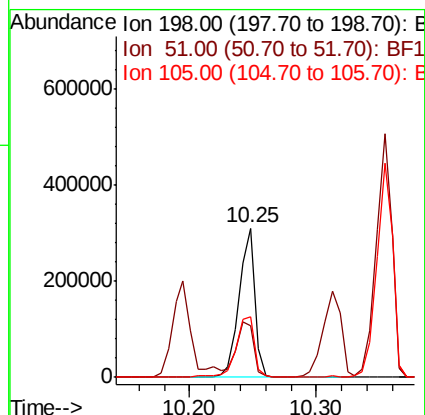
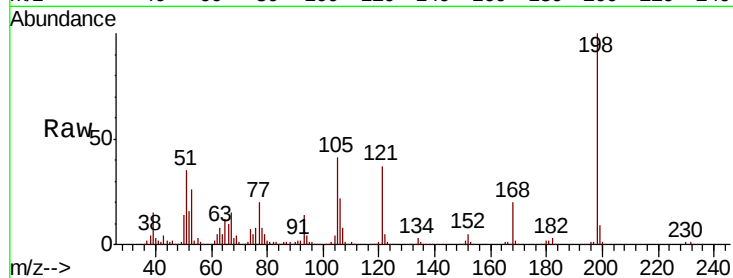




#65
4,6-Dinitro-2-methylphenol
Concen: 58.058 ng
RT: 10.25 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

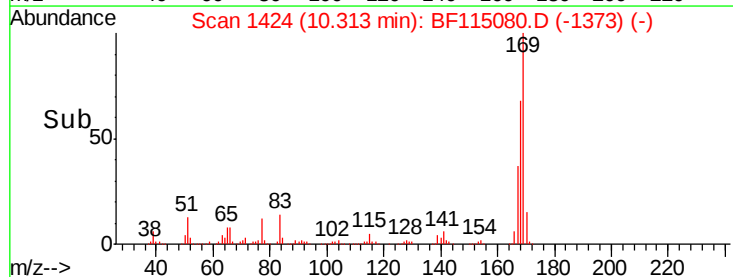
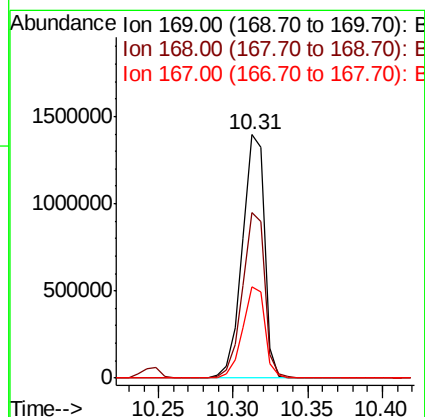
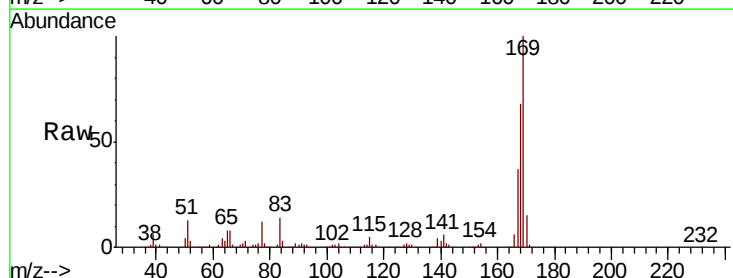
Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 263349
Ion Ratio Lower Upper
198 100
51 34.7 11.0 51.0
105 40.8 17.3 57.3



#66
n-Nitrosodiphenylamine
Concen: 59.468 ng
RT: 10.31 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion:169 Resp: 1438617
Ion Ratio Lower Upper
169 100
168 67.9 54.2 81.4
167 37.3 29.4 44.0

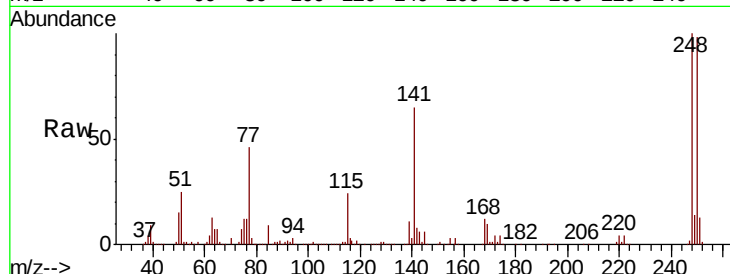




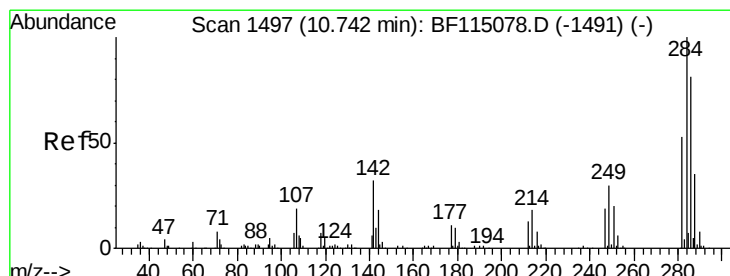
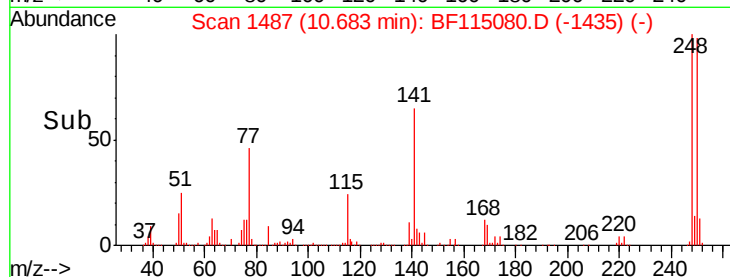
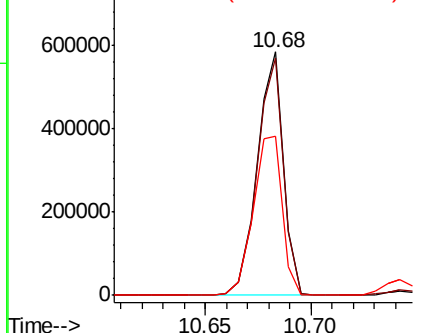
#67
 4-Bromophenyl-phenylether
 Concen: 58.117 ng
 RT: 10.68 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: BF115080.D
 Acq: 21 Jun 2019 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.2	114.2
141	65.3	59.6	89.4

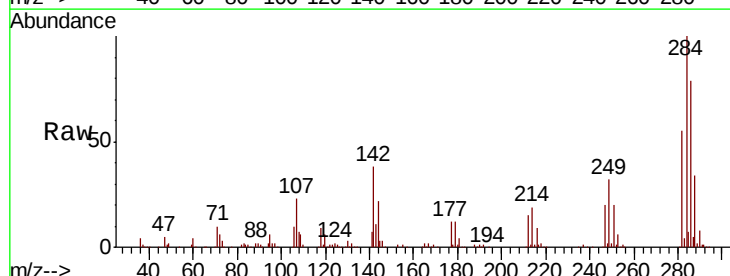


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

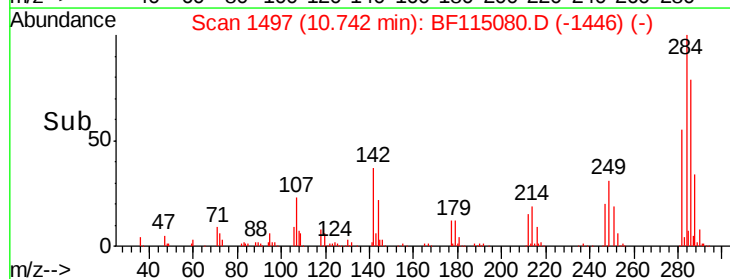
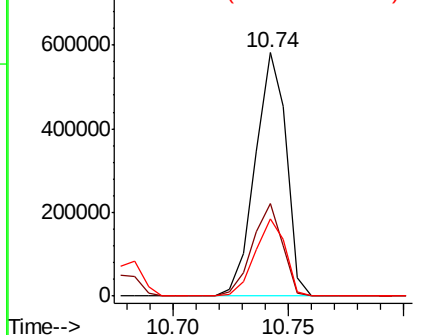


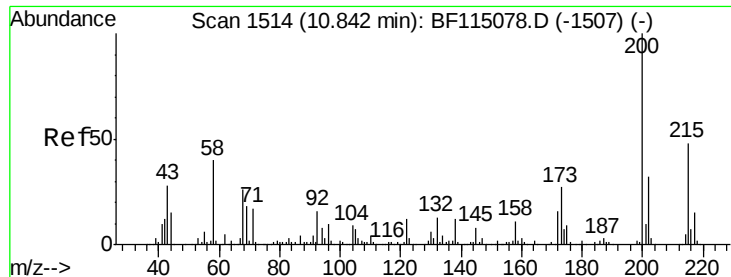
#68
 Hexachlorobenzene
 Concen: 57.140 ng
 RT: 10.74 min Scan# 1497
 Delta R.T. -0.00 min
 Lab File: BF115080.D
 Acq: 21 Jun 2019 15:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.1	25.8	38.8
249	31.7	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

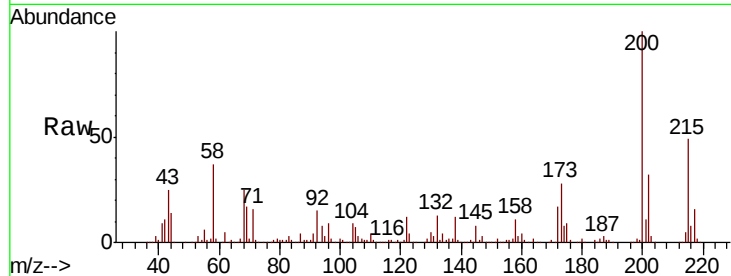




#69
Atrazine
Concen: 59.517 ng
RT: 10.85 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.4	47.4
215	48.6	27.8	67.8

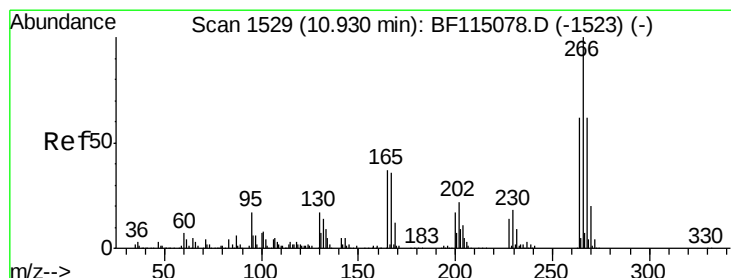
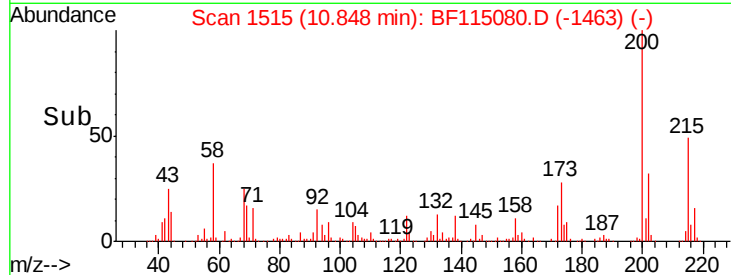
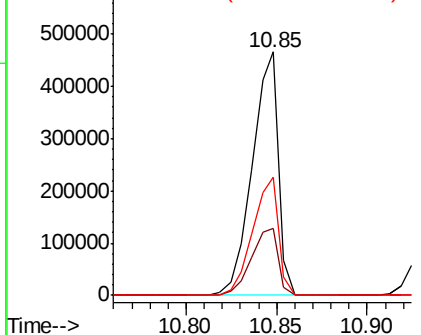


Abundance

Ion 200.00 (199.70 to 200.70): E

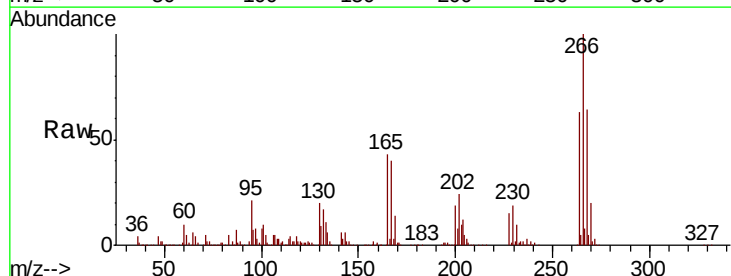
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 69.516 ng
RT: 10.93 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	49.5	74.3
264	63.3	49.3	73.9

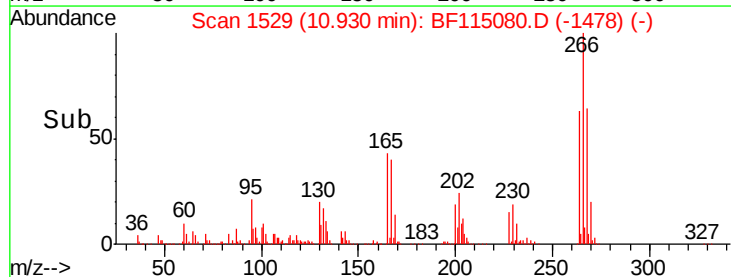
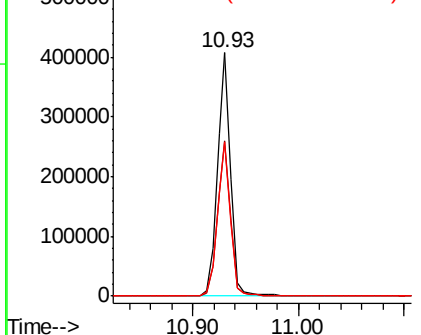


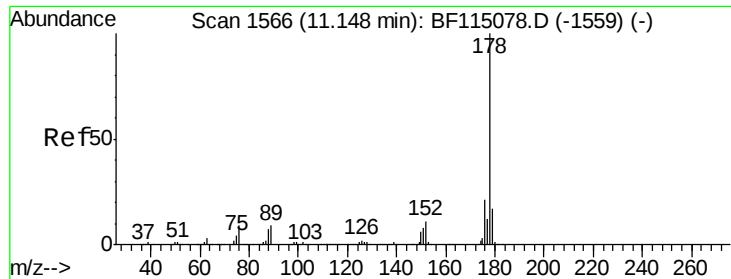
Abundance

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

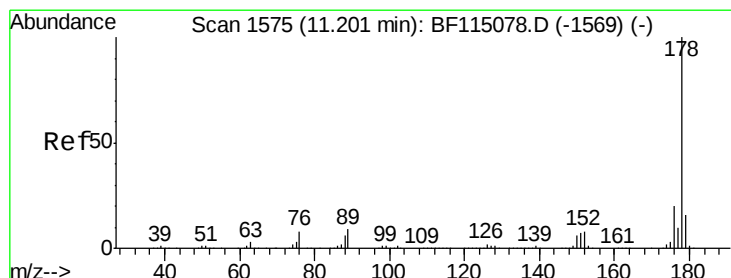
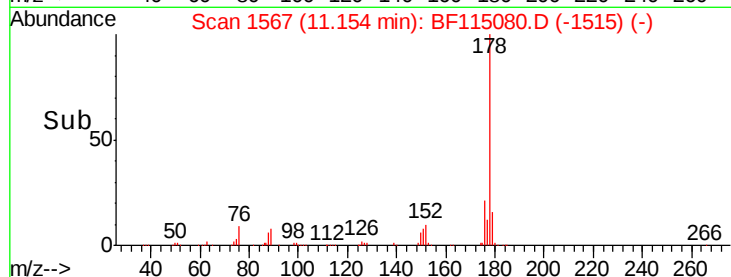
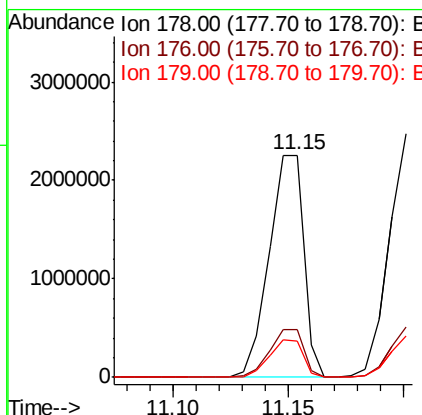
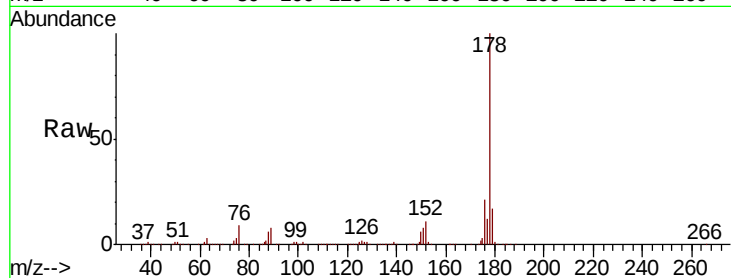




#71
Phenanthrene
Concen: 56.431 ng
RT: 11.15 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

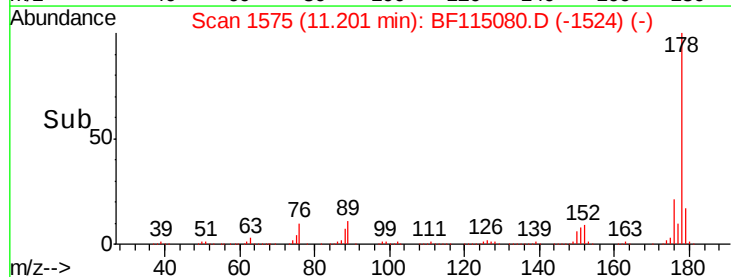
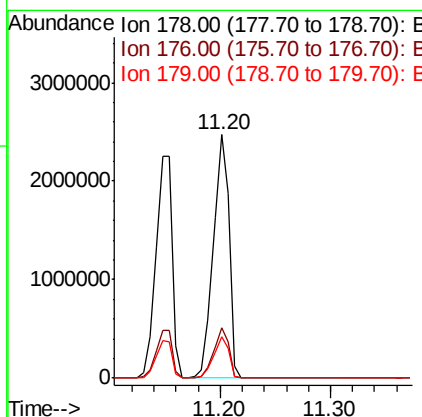
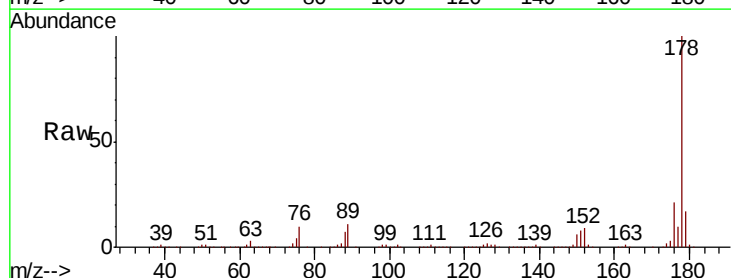
Instrument :
BNA_F
ClientSampleId :

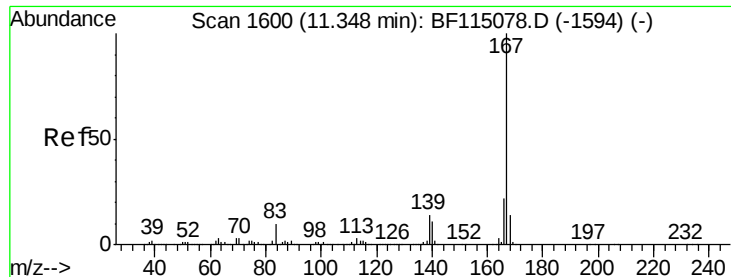
Tot Ion:178 Resp: 2357998
Ion Ratio Lower Upper
178 100
176 21.5 16.9 25.3
179 16.5 13.2 19.8



#72
Anthracene
Concen: 57.027 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion:178 Resp: 2403920
Ion Ratio Lower Upper
178 100
176 20.8 16.1 24.1
179 17.0 12.9 19.3

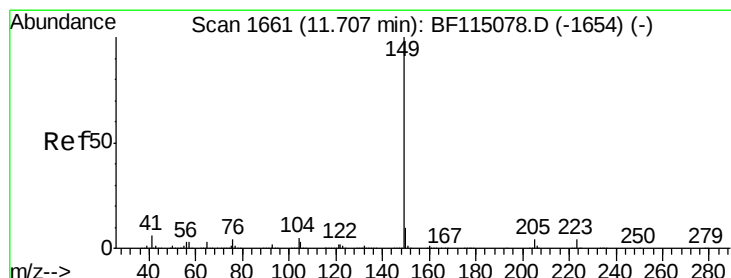
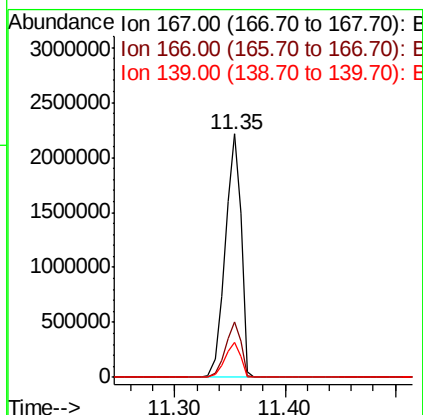
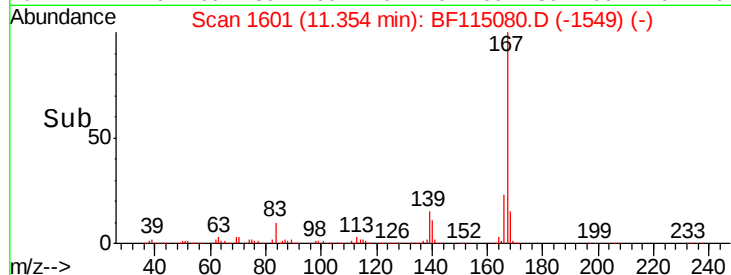
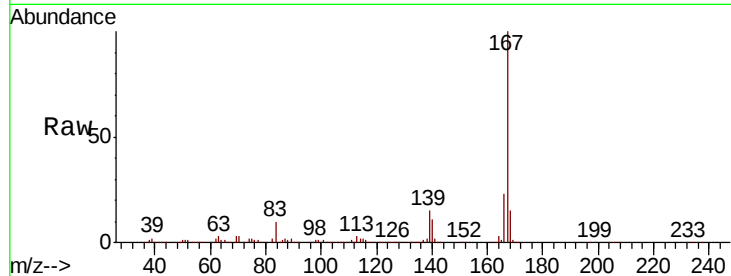




#73
 Carbazole
 Concen: 60.592 ng
 RT: 11.35 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF115080.D
 Acq: 21 Jun 2019 15:32

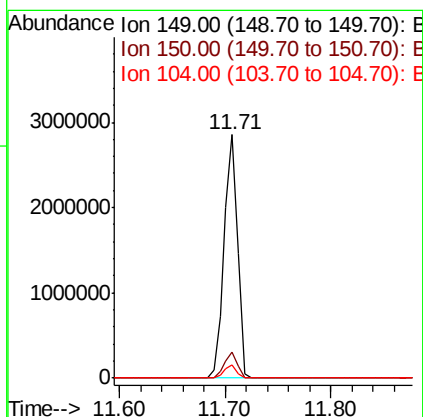
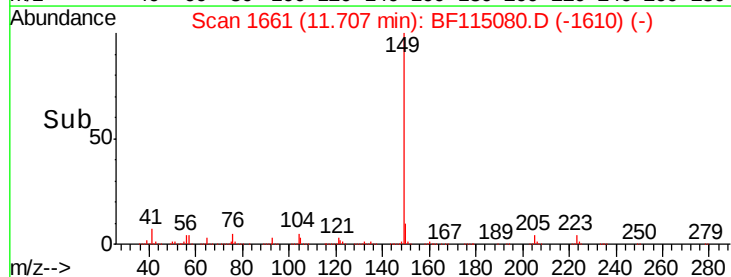
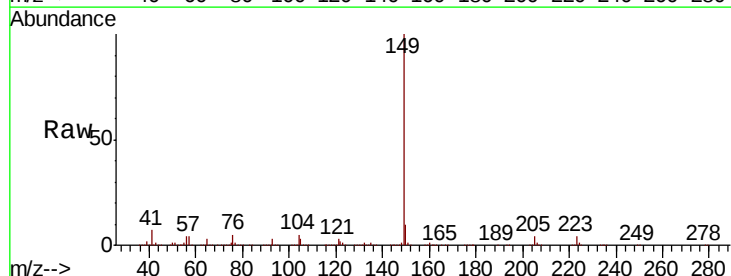
Instrument :
 BNA_F
 ClientSampled :

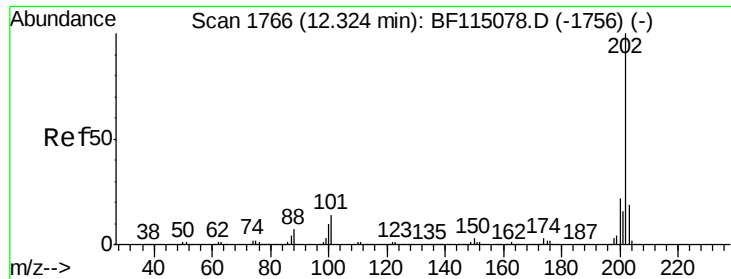
Tot Ion:167 Resp: 2229408
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.0 27.0
 139 14.6 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 54.932 ng
 RT: 11.71 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BF115080.D
 Acq: 21 Jun 2019 15:32

Tgt Ion:149 Resp: 2548033
 Ion Ratio Lower Upper
 149 100
 150 10.4 7.8 11.8
 104 5.2 3.7 5.5





#75

Fluoranthene

Concen: 57.040 ng

RT: 12.33 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

Instrument :

BNA_F

ClientSampleId :

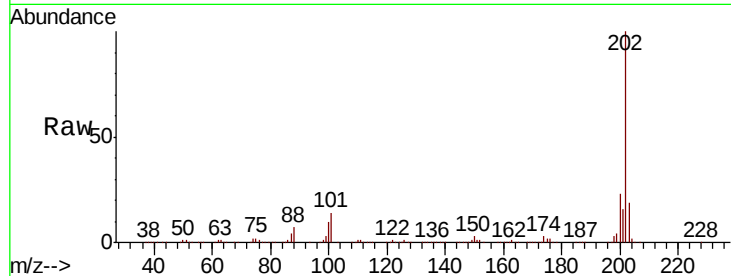
Tot Ion:202 Resp: 2437171

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.0

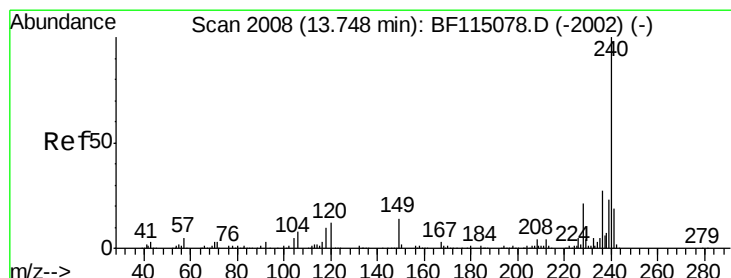
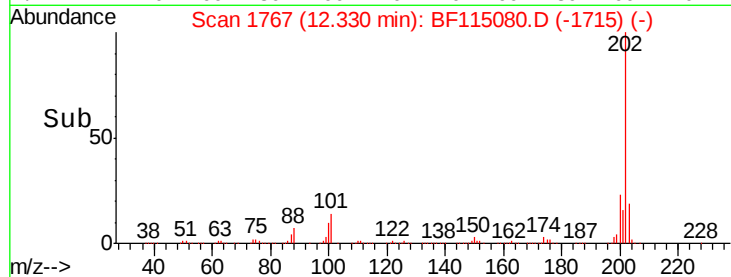
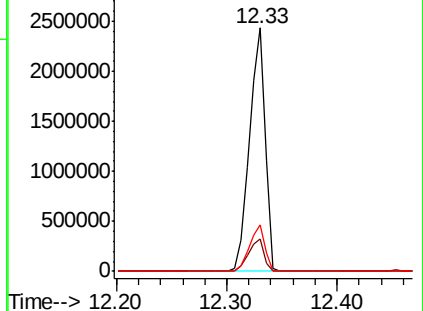
203 19.1 0.0 38.8



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: BF115080.D

Acq: 21 Jun 2019 15:32

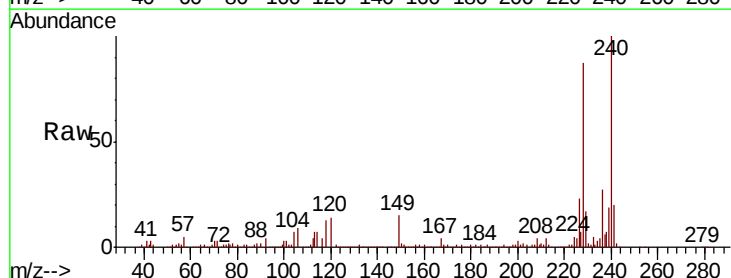
Tgt Ion:240 Resp: 569347

Ion Ratio Lower Upper

240 100

120 14.4 9.4 14.2#

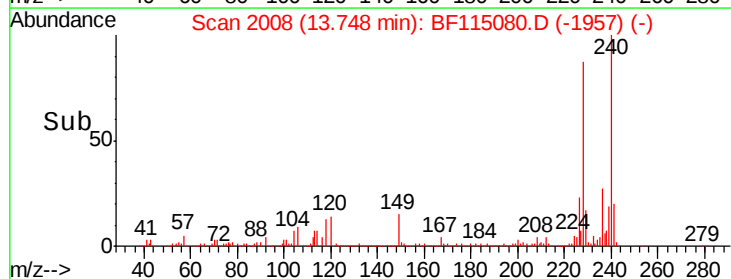
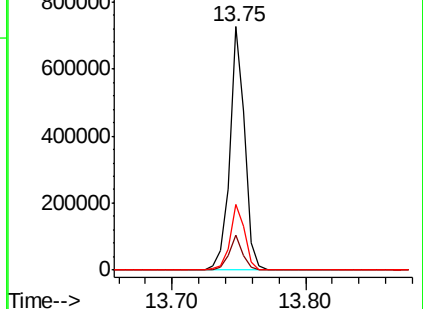
236 26.9 21.7 32.5

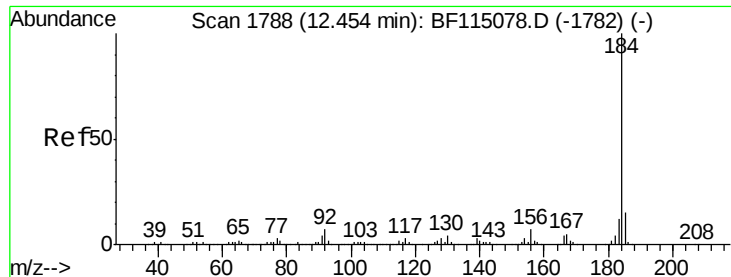


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 61.987 ng

RT: 12.45 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

Instrument :

BNA_F

ClientSampleId :

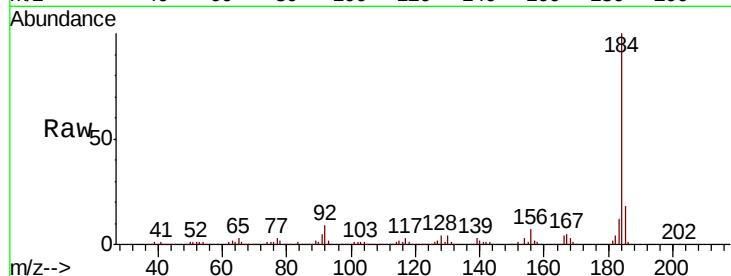
Tot Ion:184 Resp: 1427490

Ion	Ratio	Lower	Upper
184	100		
185	18.1	12.2	18.2
183	12.3	9.6	14.4

184 100

185 18.1 12.2 18.2

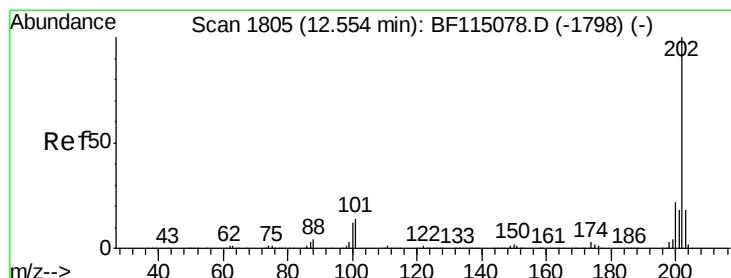
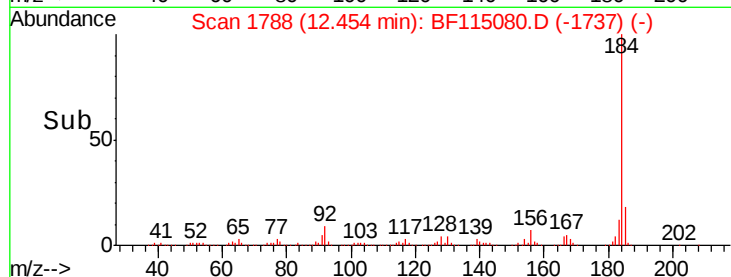
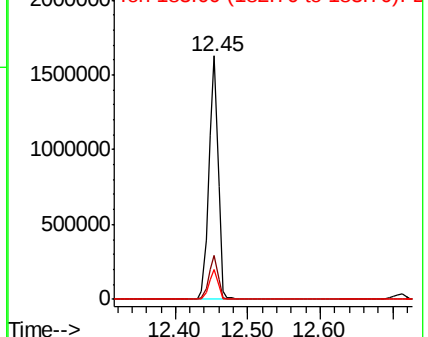
183 12.3 9.6 14.4



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: 48.860 ng

RT: 12.55 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

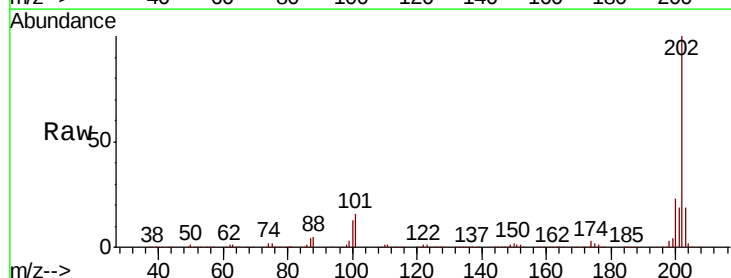
Tgt Ion:202 Resp: 2534207

Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.9	26.9
203	19.3	14.6	21.8

202 100

200 23.2 17.9 26.9

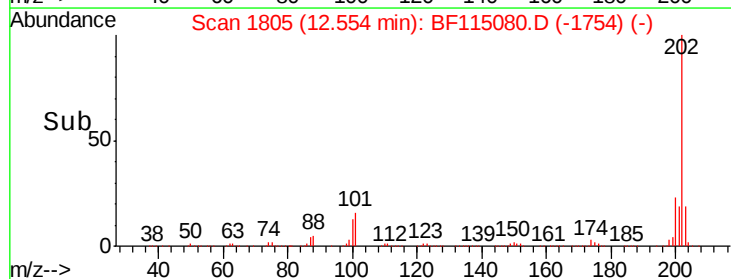
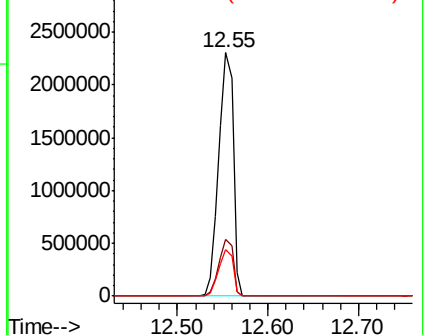
203 19.3 14.6 21.8

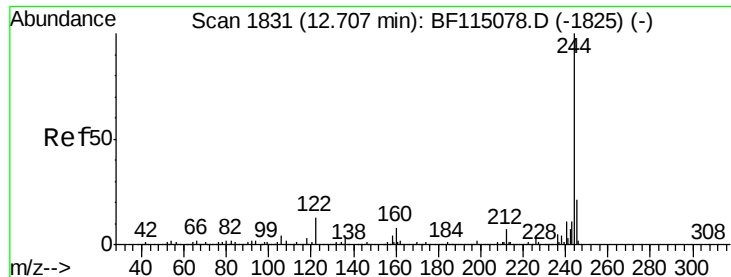


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.867 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

Instrument :

BNA_F

ClientSampleId :

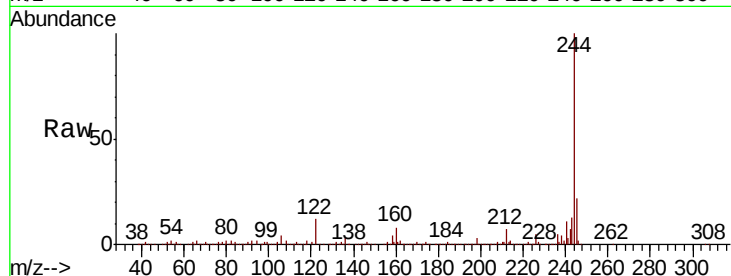
Tot Ion:244 Resp: 2962482

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

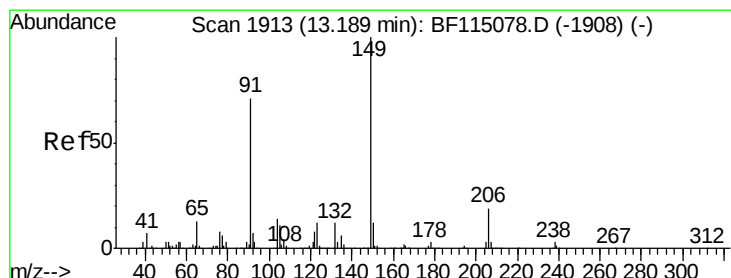
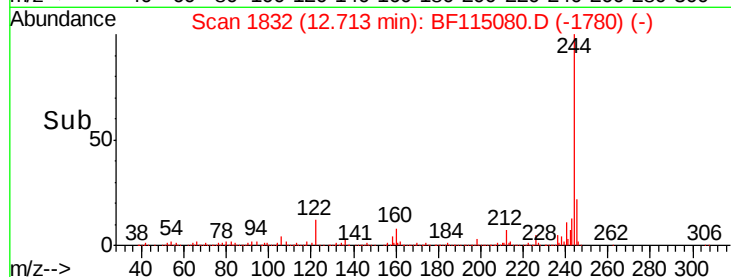
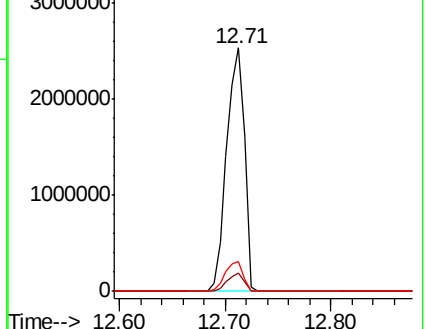
122 12.2 10.4 15.6



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: 47.546 ng

RT: 13.19 min Scan# 1914

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

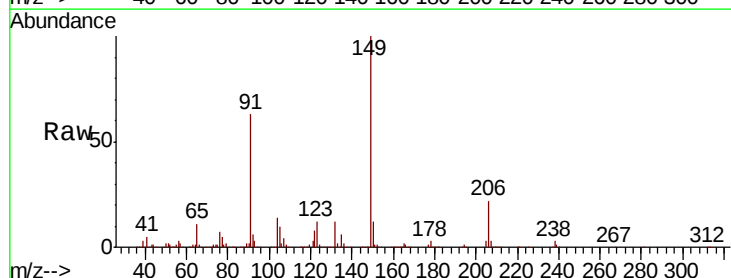
Tgt Ion:149 Resp: 1151834

Ion Ratio Lower Upper

149 100

91 63.1 56.5 84.7

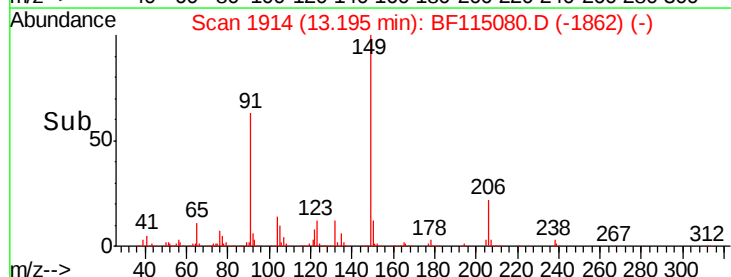
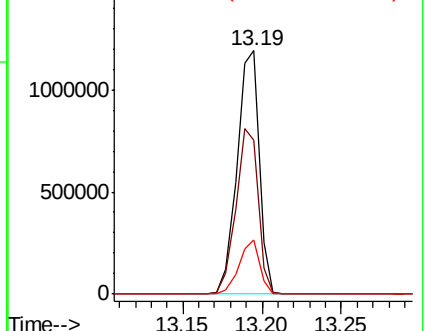
206 22.1 15.3 22.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 56.205 ng

RT: 13.74 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

Instrument :

BNA_F

ClientSampled :

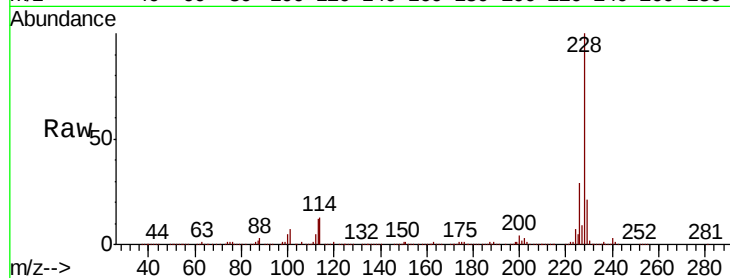
Tot Ion:228 Resp: 2394634

Ion Ratio Lower Upper

228 100

226 29.0 22.5 33.7

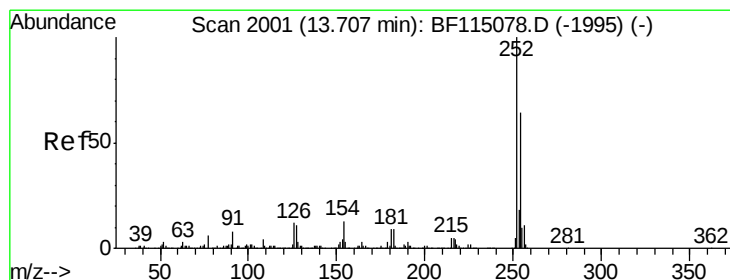
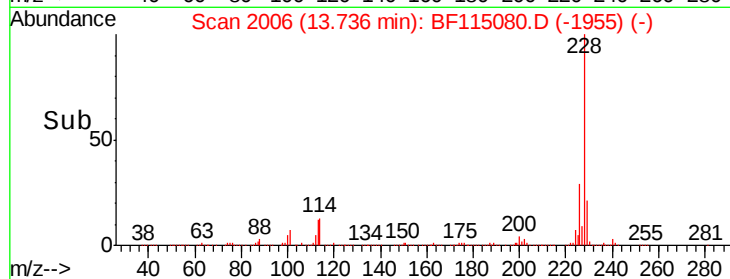
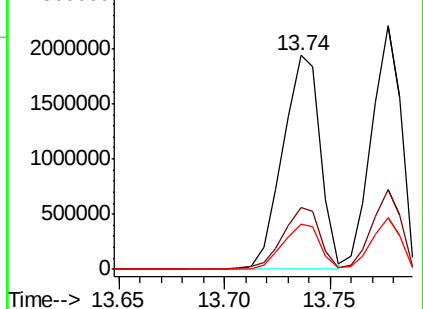
229 21.4 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 53.043 ng

RT: 13.71 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

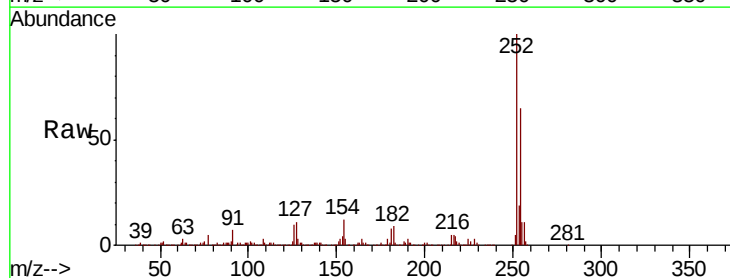
Tgt Ion:252 Resp: 866420

Ion Ratio Lower Upper

252 100

254 65.1 51.1 76.7

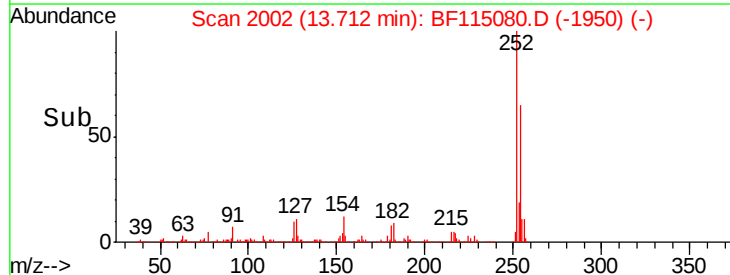
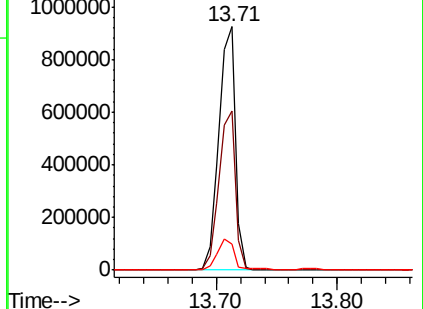
126 10.5 9.4 14.0

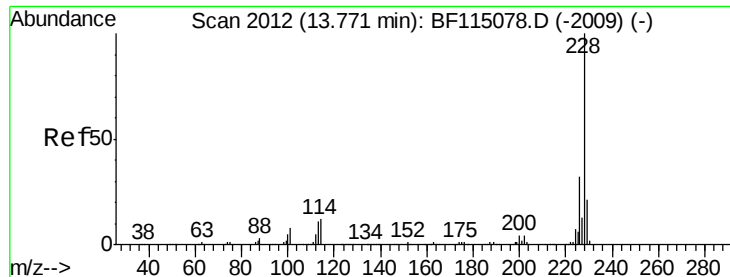


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.967 ng

RT: 13.78 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

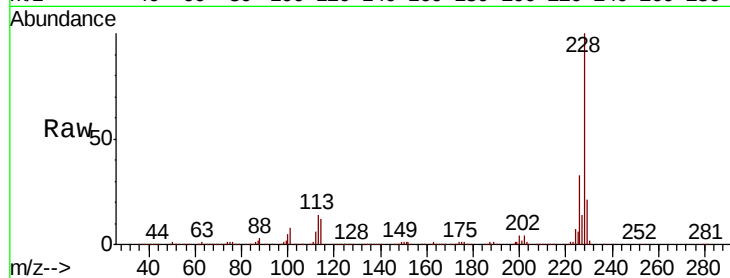
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2159317

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.4	38.0
229	21.4	16.5	24.7

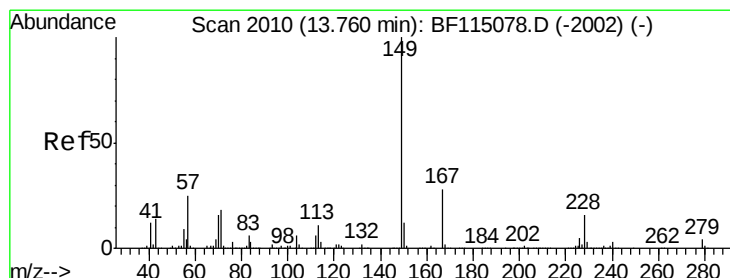
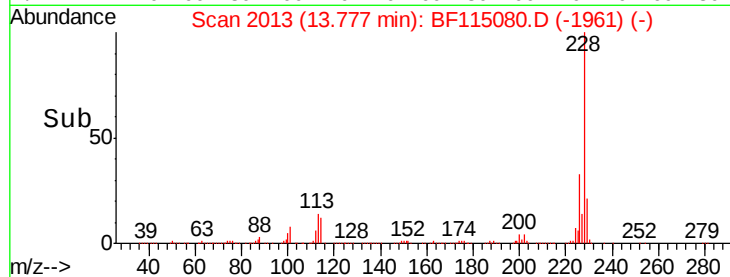
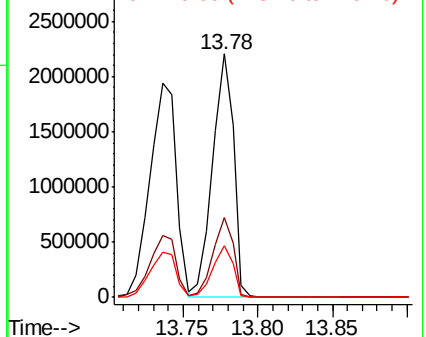


Abundance

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: 51.706 ng

RT: 13.76 min Scan# 2010

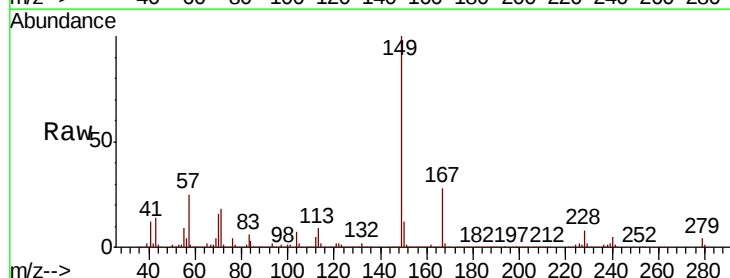
Delta R.T. -0.00 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

Tgt Ion:149 Resp: 1480461

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.4
279	3.6	2.9	4.3

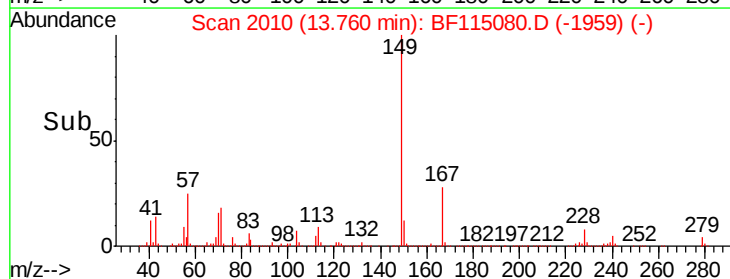
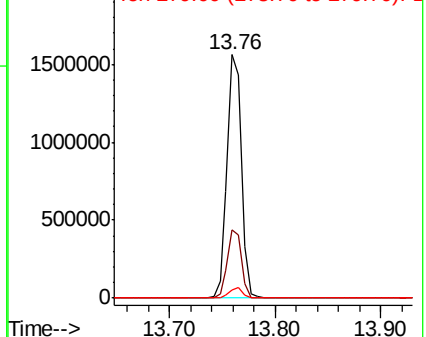


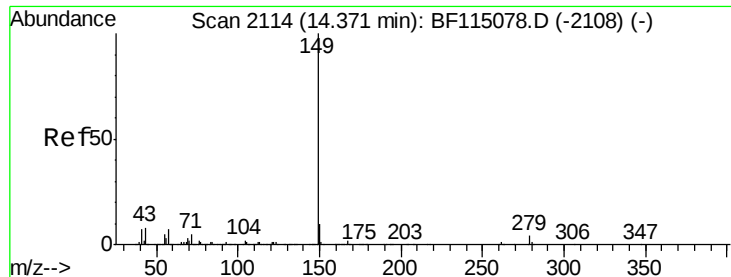
Abundance

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

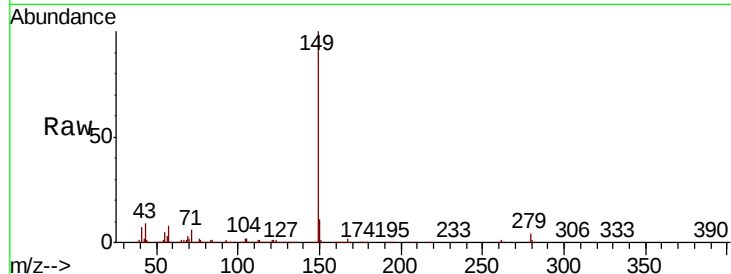




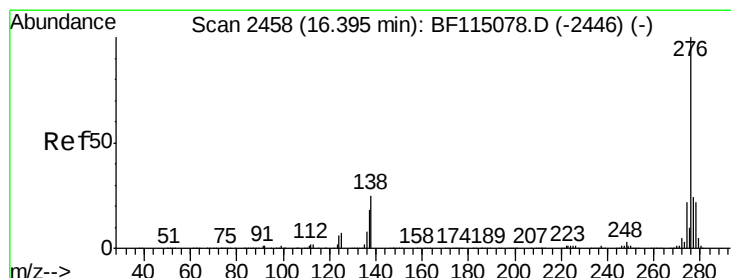
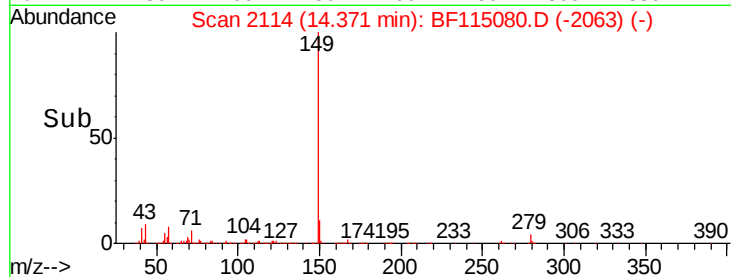
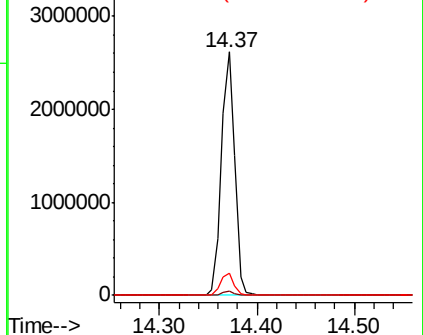
#85
Di-n-octyl phthalate
Concen: 50.265 ng
RT: 14.37 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2478322
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.0 7.0 10.6

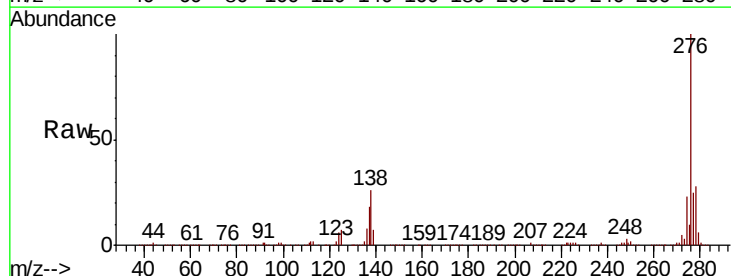


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

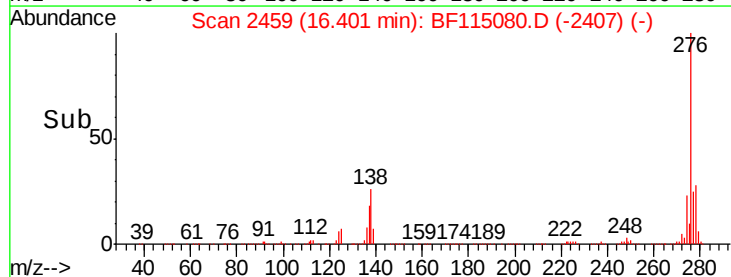
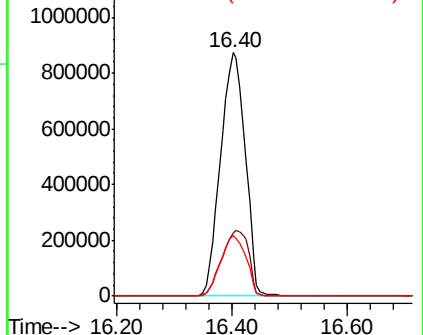


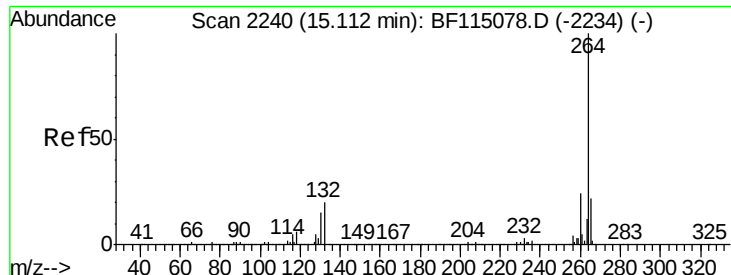
#86
Indeno(1,2,3-cd)pyrene
Concen: 69.698 ng
RT: 16.40 min Scan# 2459
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion:276 Resp: 2593891
Ion Ratio Lower Upper
276 100
138 29.2 23.2 34.8
277 25.6 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: 15.11 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

Instrument :

BNA_F

ClientSampleId :

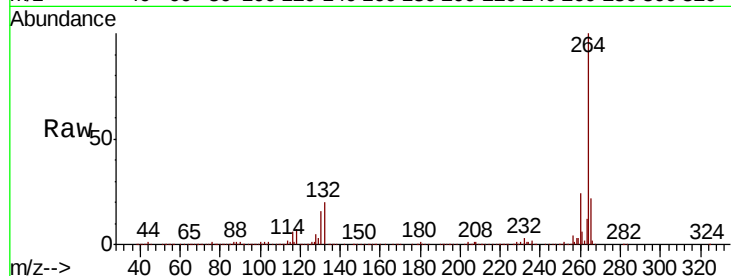
Tot Ion:264 Resp: 685893

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

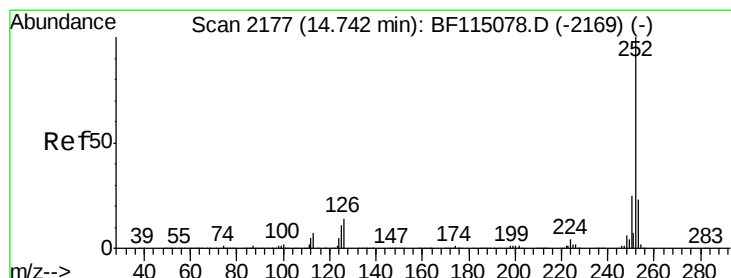
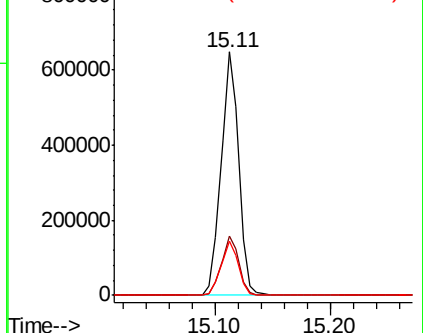
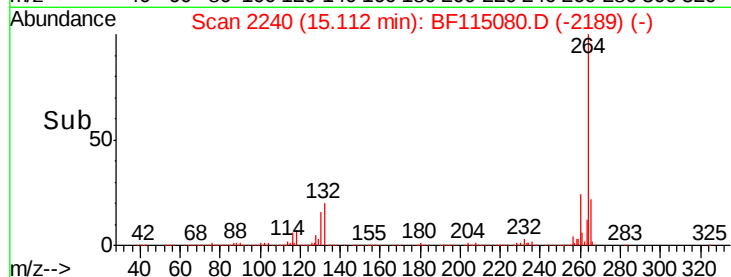
265 22.4 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.945 ng

RT: 14.74 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BF115080.D

Acq: 21 Jun 2019 15:32

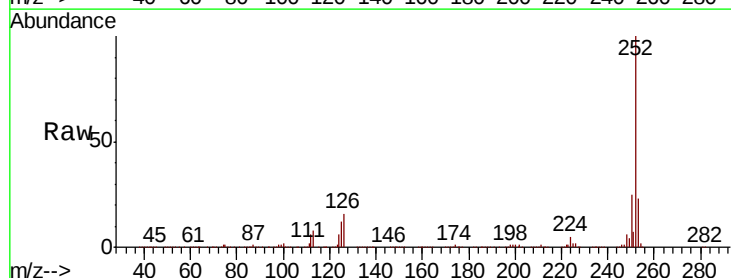
Tgt Ion:252 Resp: 2414048

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

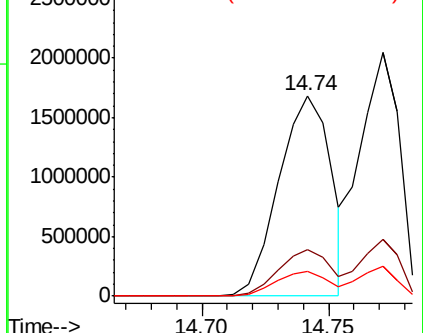
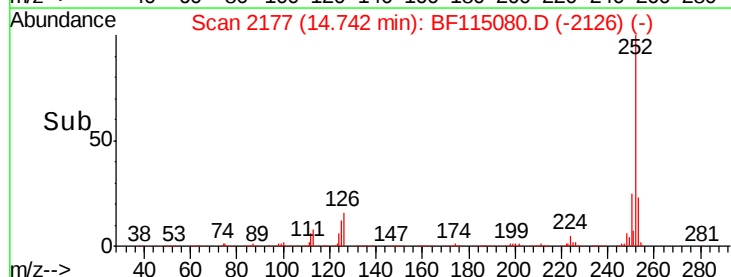
125 12.1 8.7 13.1

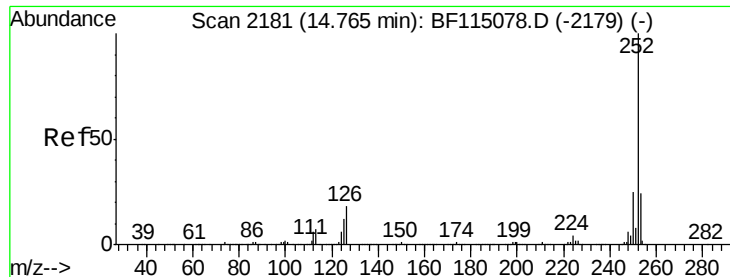


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

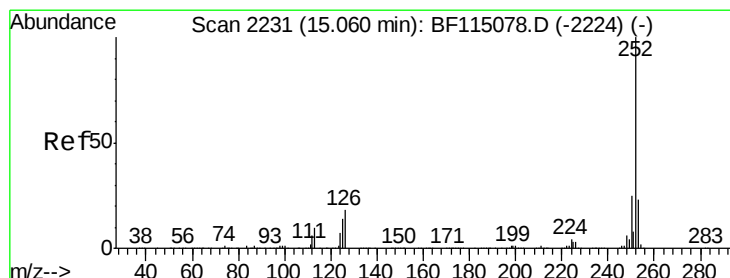
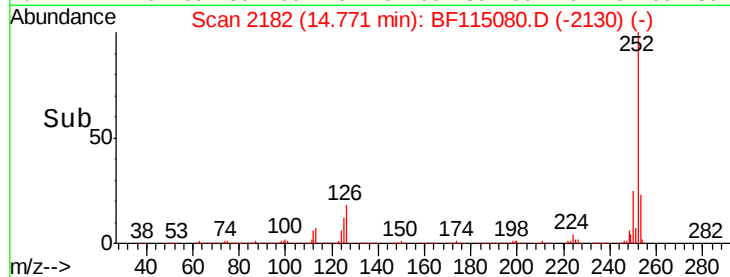
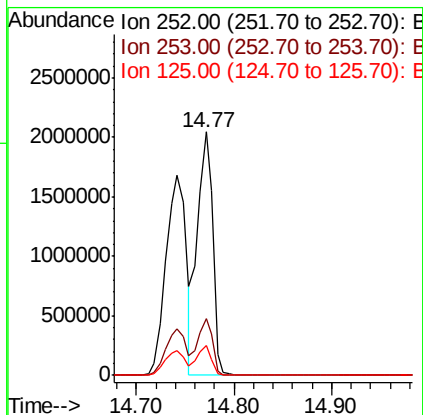
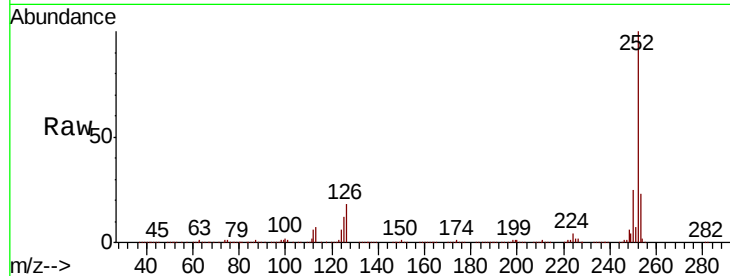




#89
Benzo(k)fluoranthene
Concen: 55.769 ng
RT: 14.77 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

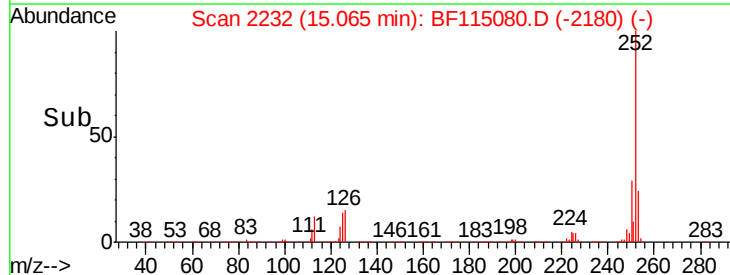
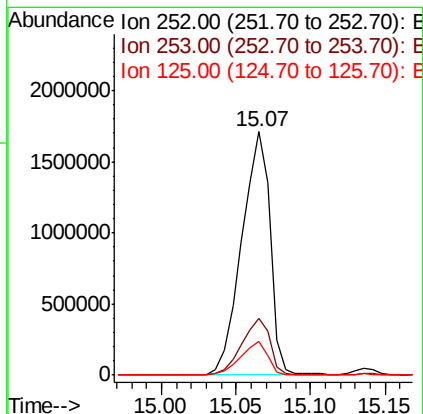
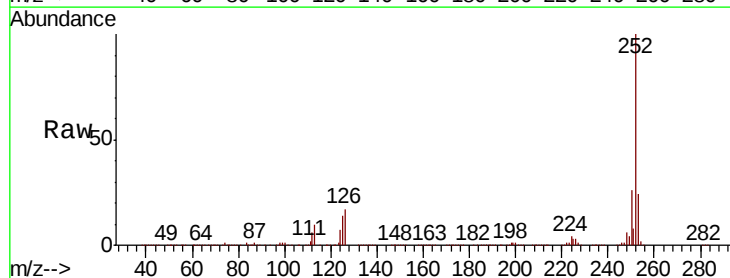
Instrument :
BNA_F
ClientSampleId :

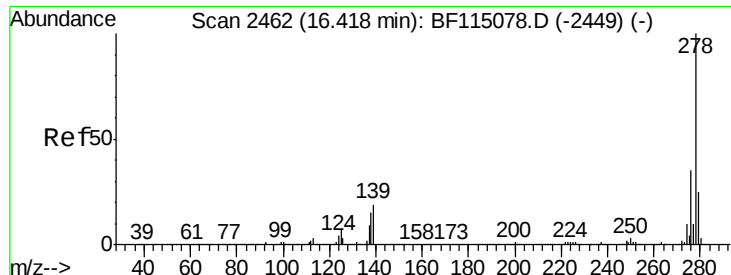
Tot Ion:252 Resp: 2231932
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 12.2 10.2 15.2



#90
Benzo(a)pyrene
Concen: 57.310 ng
RT: 15.07 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion:252 Resp: 2254813
Ion Ratio Lower Upper
252 100
253 23.5 18.3 27.5
125 13.6 10.9 16.3

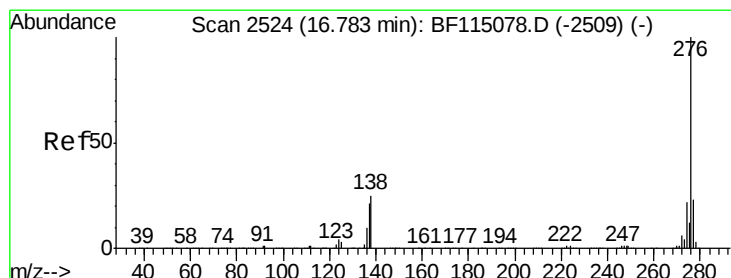
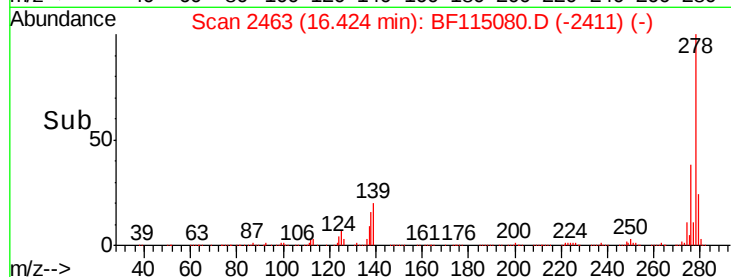
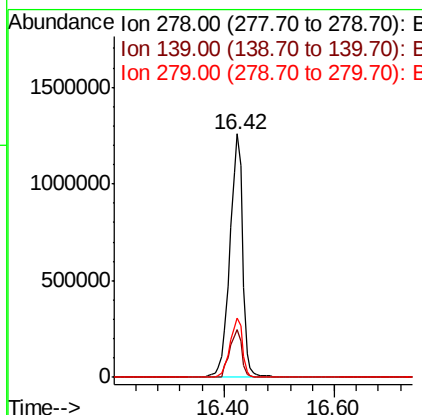
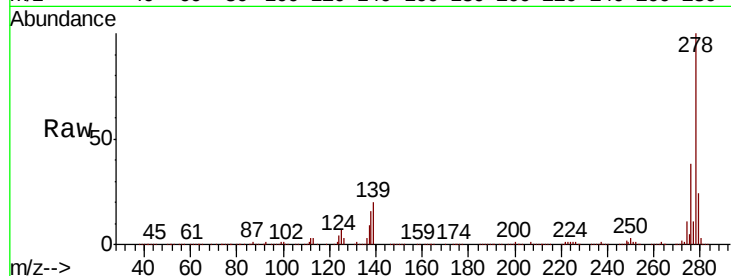




#91
Dibenzo(a,h)anthracene
Concen: 61.131 ng
RT: 16.42 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2071296
Ion Ratio Lower Upper
278 100
139 19.6 15.4 23.2
279 24.3 19.9 29.9



#92
Benzo(g,h,i)perylene
Concen: 60.835 ng
RT: 16.79 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF115080.D
Acq: 21 Jun 2019 15:32

Tgt Ion:276 Resp: 2102193
Ion Ratio Lower Upper
276 100
277 23.6 18.6 28.0
138 25.7 19.8 29.6

