

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115089.D
 Acq On : 21 Jun 2019 20:31
 Operator : HP/JU
 Sample : PB120747BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 04:54:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	273011	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1080920	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	542408	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1071623	20.00	ng	0.00
76) Chrysene-d12	13.75	240	744469	20.00	ng	0.00
87) Perylene-d12	15.11	264	773880	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	2098453	118.61	ng	0.02
7) Phenol-d6	6.27	99	2628234	122.40	ng	0.01
23) Nitrobenzene-d5	7.18	82	1612813	91.79	ng	0.00
42) 2,4,6-Tribromophenol	10.44	330	727236	127.14	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2922376	91.52	ng	0.00
79) Terphenyl-d14	12.71	244	3108020	88.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	290012	34.734	ng	99
3) Pyridine	2.95	79	825809	35.091	ng	99
4) n-Nitrosodimethylamine	2.90	42	358721	38.883	ng	99
6) Aniline	6.28	93	676029	22.907	ng	100
8) 2-Chlorophenol	6.40	128	816201	41.029	ng	97
9) Benzaldehyde	6.15	77	221749	15.829	ng	99
10) Phenol	6.28	94	966583	38.428	ng	99
11) bis(2-Chloroethyl)ether	6.36	93	748561	40.373	ng	98
12) 1,3-Dichlorobenzene	6.55	146	863833	39.127	ng	98
13) 1,4-Dichlorobenzene	6.63	146	872814	39.424	ng	99
14) 1,2-Dichlorobenzene	6.79	146	803787	39.205	ng	98
15) Benzyl Alcohol	6.77	79	640359	40.954	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1090783	40.562	ng	99
17) 2-Methylphenol	6.88	107	697736	42.492	ng	100
18) Hexachloroethane	7.13	117	316691	39.678	ng	99
19) n-Nitroso-di-n-propylamine	7.05	70	555107	40.379	ng	99
20) 3+4-Methylphenols	7.04	107	786563	41.485	ng	# 89
22) Acetophenone	7.03	105	1091229	44.097	ng	# 99
24) Nitrobenzene	7.20	77	830048	42.878	ng	96
25) Isophorone	7.45	82	1580761	43.915	ng	99
26) 2-Nitrophenol	7.51	139	448549	46.920	ng	98
27) 2,4-Dimethylphenol	7.56	122	773384	49.410	ng	97
28) bis(2-Chloroethoxy)methane	7.66	93	984056	43.253	ng	99
29) 2,4-Dichlorophenol	7.75	162	721643	44.675	ng	96
30) 1,2,4-Trichlorobenzene	7.84	180	768644	43.080	ng	99
31) Naphthalene	7.92	128	2314351	43.618	ng	99
32) Benzoic acid	7.71	122	592532	53.033	ng	96
33) 4-Chloroaniline	7.97	127	381713	15.741	ng	100
34) Hexachlorobutadiene	8.05	225	410535	41.987	ng	98
35) Caprolactam	8.35	113	126164	23.231	ng	96
36) 4-Chloro-3-methylphenol	8.46	107	726092	44.386	ng	98
37) 2-Methylnaphthalene	8.61	142	1597218	44.645	ng	99
38) 1-Methylnaphthalene	8.71	142	1527924	44.718	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	647522	42.246	ng	99

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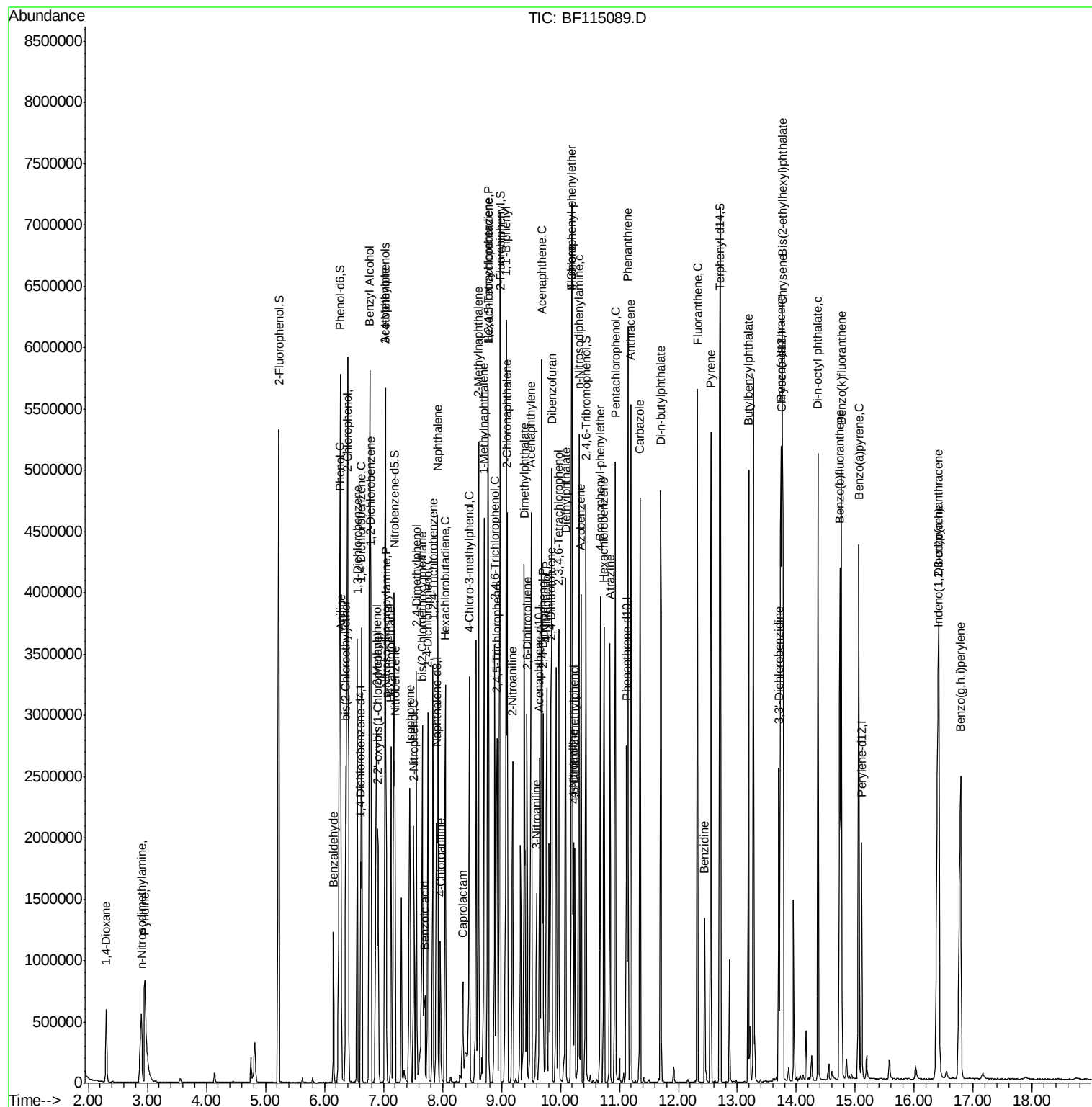
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	722484	79.493	ng	100
43) 2,4,6-Trichlorophenol	8.89	196	541944	45.798	ng	100
44) 2,4,5-Trichlorophenol	8.93	196	534280	43.843	ng	98
46) 1,1'-Biphenyl	9.08	154	1835171	42.285	ng	99
47) 2-Chloronaphthalene	9.10	162	1484978	42.182	ng	97
48) 2-Nitroaniline	9.19	65	434666	42.350	ng	97
49) Acenaphthylene	9.51	152	2321378	42.323	ng	99
50) Dimethylphthalate	9.39	163	1691020	42.375	ng	99
51) 2,6-Dinitrotoluene	9.44	165	412089	44.729	ng	99
52) Acenaphthene	9.68	154	1593698	46.434	ng	100
53) 3-Nitroaniline	9.60	138	282261	25.106	ng	96
54) 2,4-Dinitrophenol	9.71	184	423979	88.567	ng	97
55) Dibenzofuran	9.85	168	2032244	41.254	ng	98
56) 4-Nitrophenol	9.77	139	759581	84.271	ng	96
57) 2,4-Dinitrotoluene	9.84	165	554972	46.652	ng	90
58) Fluorene	10.20	166	1389632	41.918	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	470130	46.009	ng	99
60) Diethylphthalate	10.09	149	1731791	43.172	ng	99
61) 4-Chlorophenyl-phenylether	10.19	204	671959	42.776	ng	95
62) 4-Nitroaniline	10.22	138	458473	40.649	ng	99
63) Azobenzene	10.35	77	1598757	42.670	ng	96
65) 4,6-Dinitro-2-methylphenol	10.24	198	261283	46.048	ng	87
66) n-Nitrosodiphenylamine	10.31	169	1426085	42.715	ng	99
67) 4-Bromophenyl-phenylether	10.68	248	491638	42.315	ng	97
68) Hexachlorobenzene	10.74	284	527198	41.804	ng	# 92
69) Atrazine	10.84	200	464636	43.263	ng	99
70) Pentachlorophenol	10.93	266	639201	79.559	ng	96
71) Phenanthrene	11.15	178	2287264	39.642	ng	100
72) Anthracene	11.20	178	2384925	40.949	ng	99
73) Carbazole	11.35	167	2182193	41.959	ng	99
74) Di-n-butylphthalate	11.70	149	2586515	43.038	ng	98
75) Fluoranthene	12.32	202	2407196	41.815	ng	100
77) Benzidine	12.45	184	506235	15.314	ng	99
78) Pyrene	12.55	202	2431773	42.504	ng	98
80) Butylbenzylphthalate	13.19	149	1170294	46.351	ng	97
81) Benzo(a)anthracene	13.74	228	2256634	42.245	ng	99
82) 3,3'-Dichlorobenzidine	13.70	252	533083	27.635	ng	# 98
83) Chrysene	13.77	228	2039516	41.681	ng	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1506074	45.523	ng	98
85) Di-n-octyl phthalate	14.37	149	2600512	46.783	ng	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2551161	44.061	ng	99
88) Benzo(b)fluoranthene	14.74	252	2526002	52.311	ng	99
89) Benzo(k)fluoranthene	14.77	252	1955345	45.154	ng	100
90) Benzo(a)pyrene	15.06	252	2222610	51.068	ng	99
91) Dibenzo(a,h)anthracene	16.42	278	2118174	52.132	ng	99
92) Benzo(g,h,i)perylene	16.78	276	2155118	52.406	ng	97

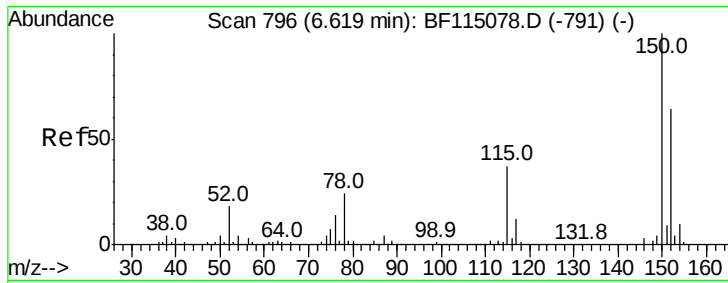
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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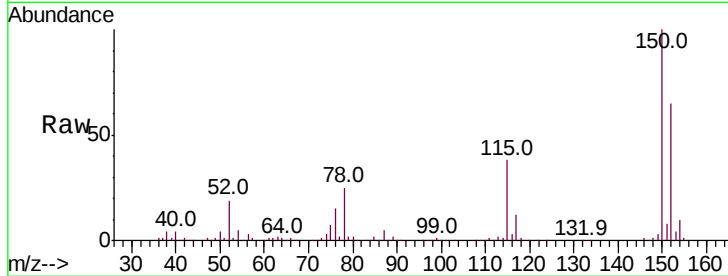


#1

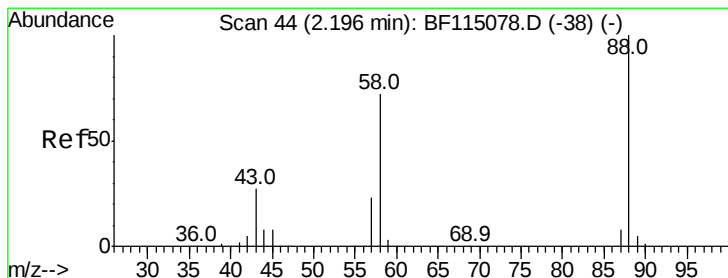
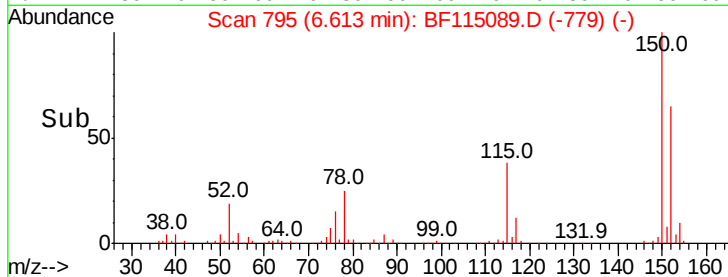
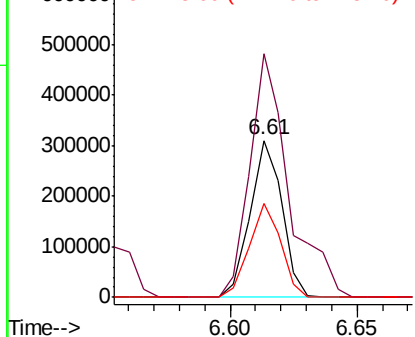
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 273011
Ion Ratio Lower Upper
152 100
150 154.9 124.2 186.2
115 59.6 46.1 69.1



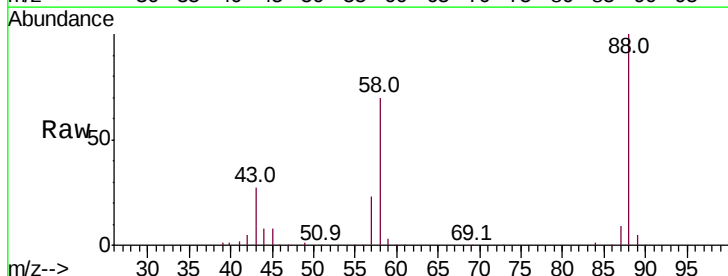
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



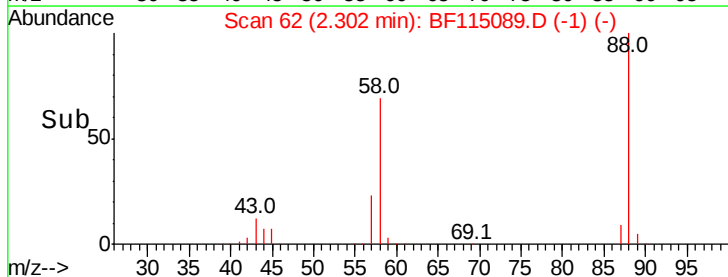
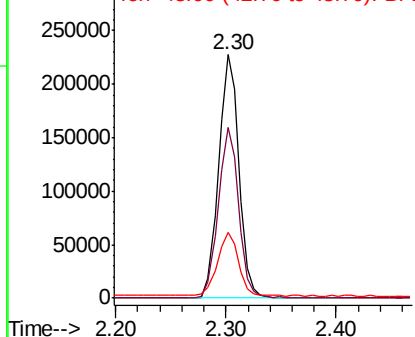
#2

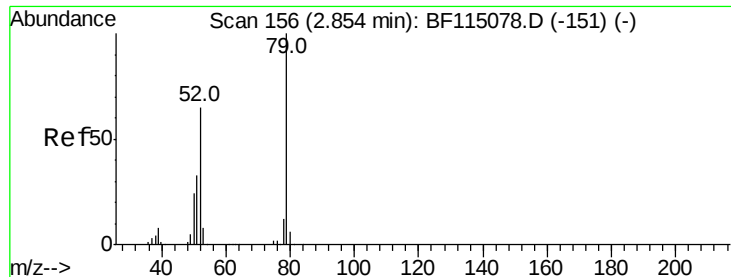
1,4-Dioxane
Concen: 34.734 ng
RT: 2.30 min Scan# 62
Delta R.T. 0.11 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion: 88 Resp: 290012
Ion Ratio Lower Upper
88 100
58 69.4 56.1 84.1
43 26.9 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: 35.091 ng

RT: 2.95 min Scan# 173

Delta R.T. 0.10 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

ClientSampleId :

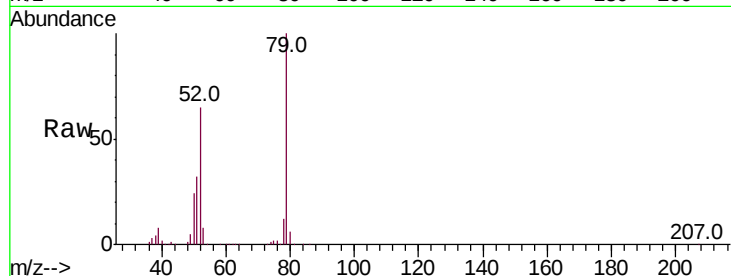
Tot Ion: 79 Resp: 825809

Ion Ratio Lower Upper

79 100

52 65.1 52.3 78.5

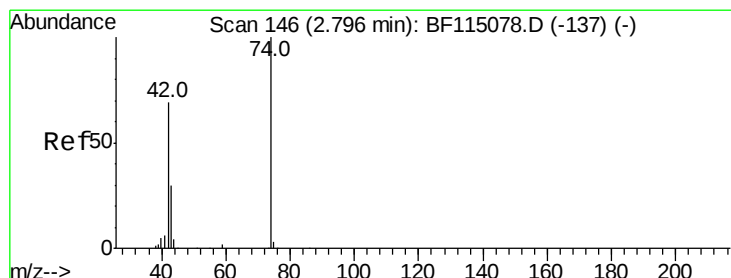
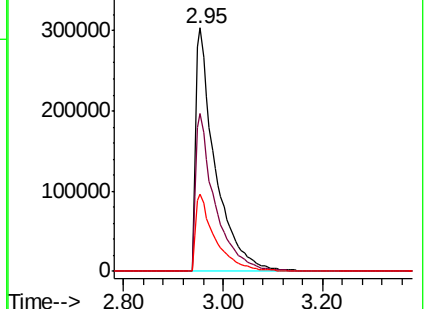
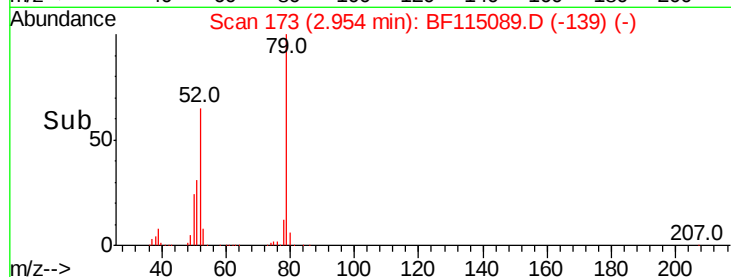
51 31.6 26.1 39.1



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: 38.883 ng

RT: 2.90 min Scan# 164

Delta R.T. 0.11 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

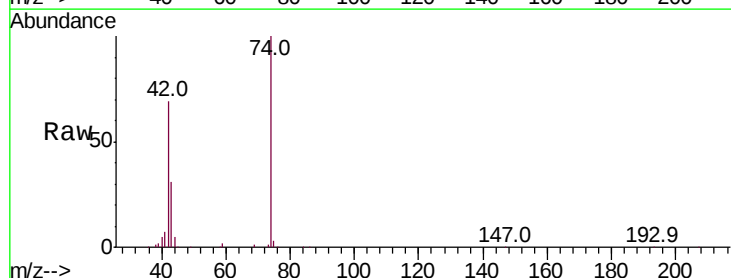
Tgt Ion: 42 Resp: 358721

Ion Ratio Lower Upper

42 100

74 145.0 116.6 175.0

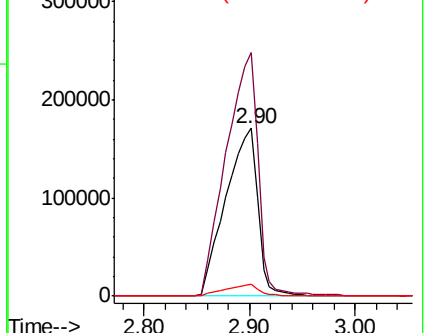
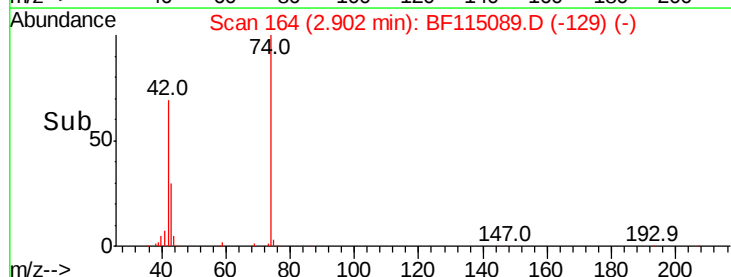
44 7.2 5.3 7.9

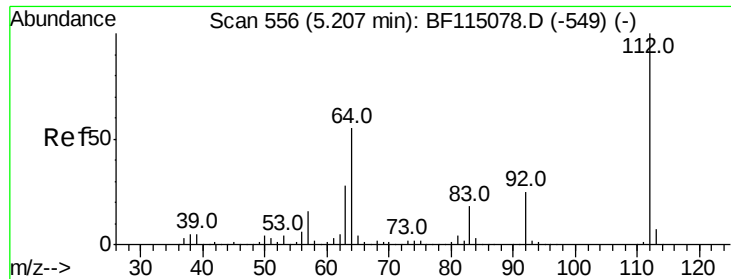


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

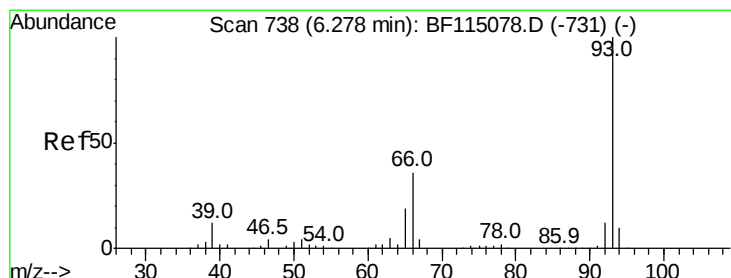
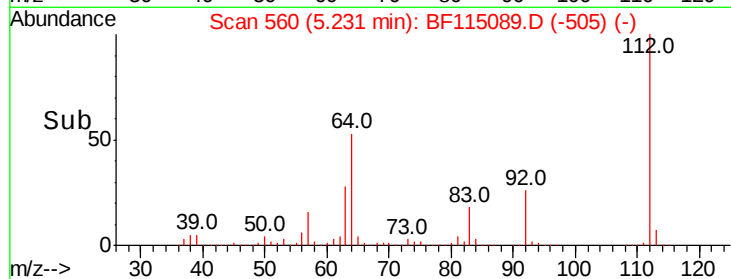
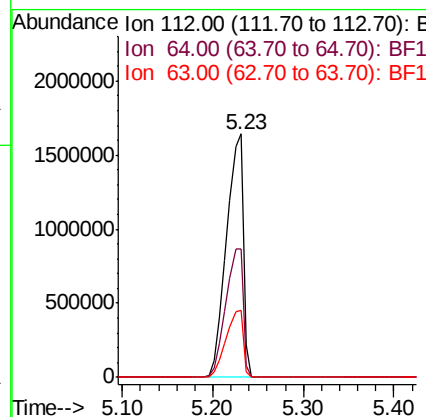
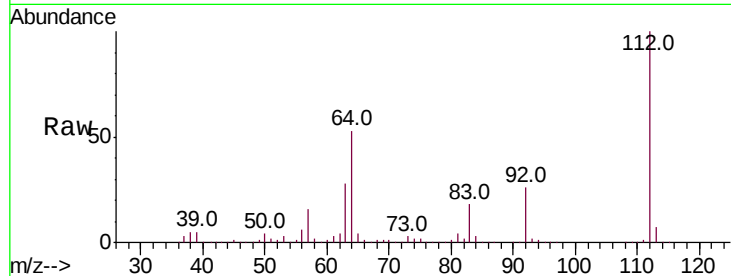




#5
 2-Fluorophenol
 Concen: 118.613 ng
 RT: 5.23 min Scan# 560
 Delta R.T. 0.02 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

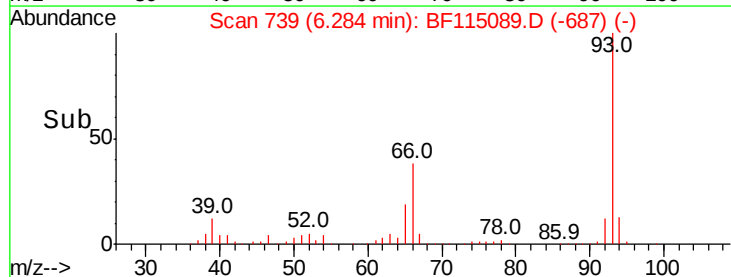
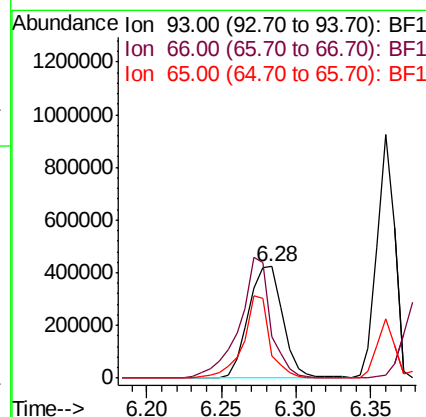
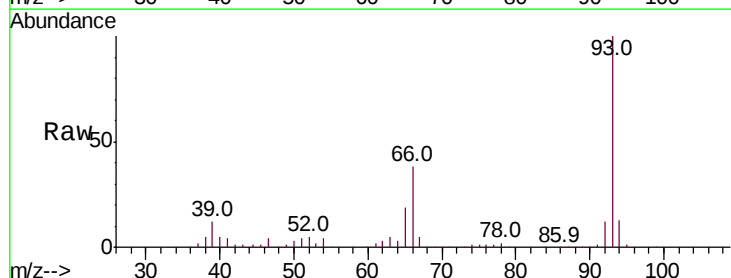
Instrument :
 BNA_F
 ClientSampled :

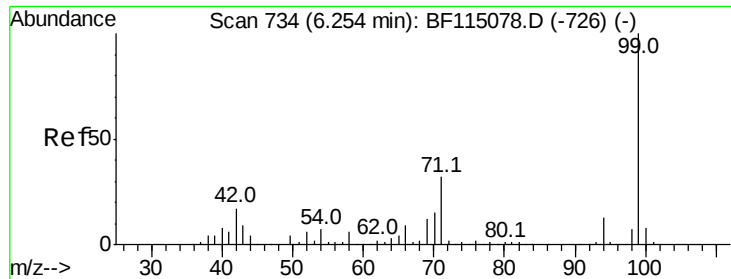
Tot Ion:112 Resp: 2098453
 Ion Ratio Lower Upper
 112 100
 64 52.7 43.8 65.6
 63 27.7 22.2 33.4



#6
 Aniline
 Concen: 22.907 ng
 RT: 6.28 min Scan# 739
 Delta R.T. 0.01 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Tgt Ion: 93 Resp: 676029
 Ion Ratio Lower Upper
 93 100
 66 37.6 30.0 45.0
 65 19.5 15.6 23.4





#7

Phenol-d6

Concen: 122.396 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

ClientSampleId :

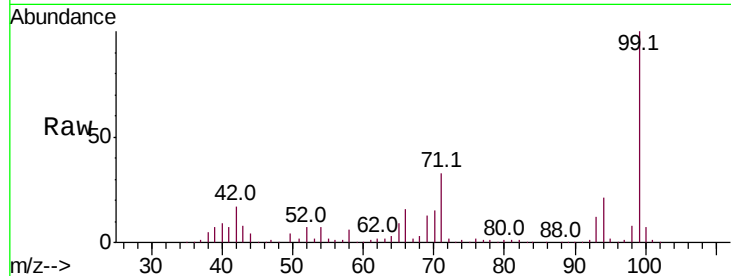
Tot Ion: 99 Resp: 2628234

Ion Ratio Lower Upper

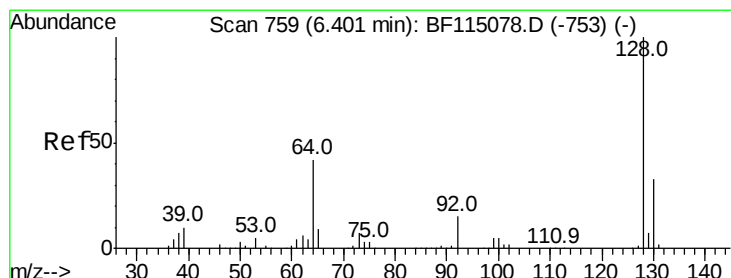
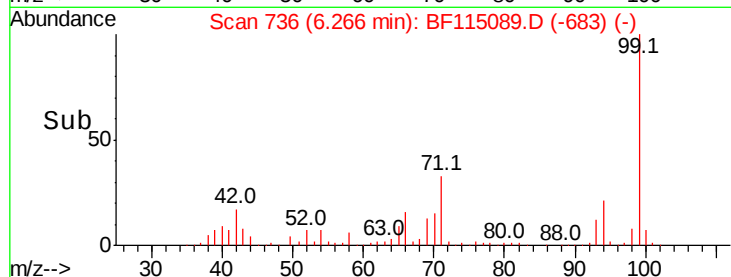
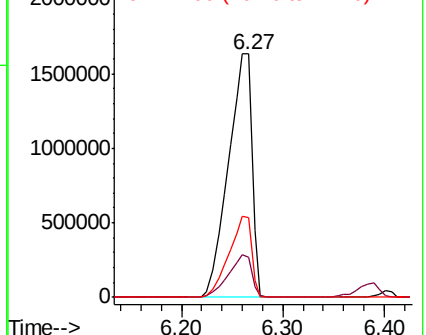
99 100

42 16.5 13.6 20.4

71 32.7 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.029 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

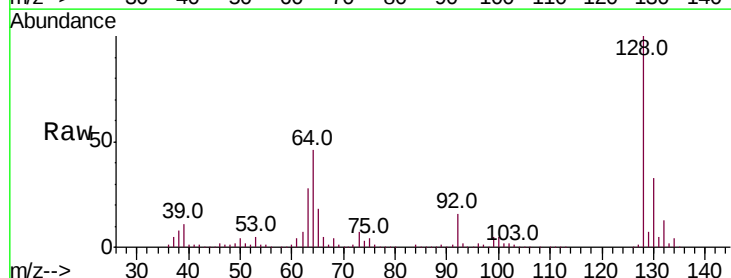
Tgt Ion:128 Resp: 816201

Ion Ratio Lower Upper

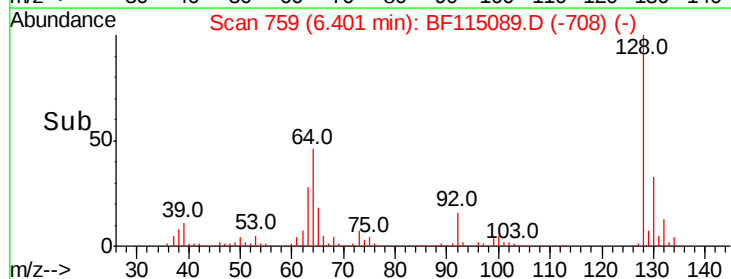
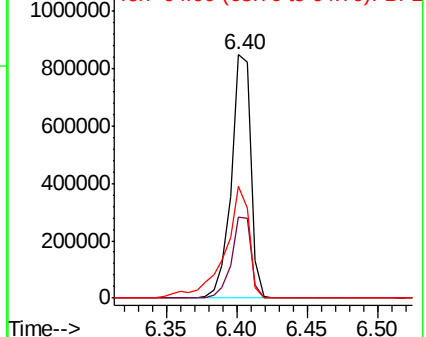
128 100

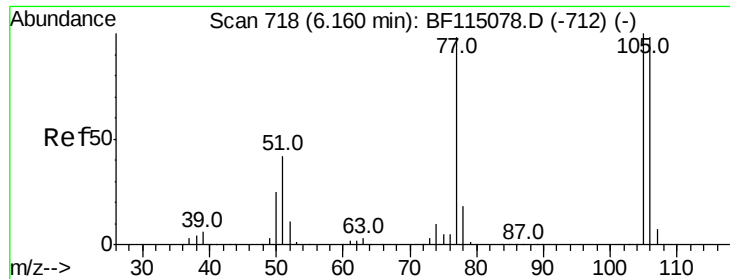
130 33.2 12.9 52.9

64 45.8 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.829 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

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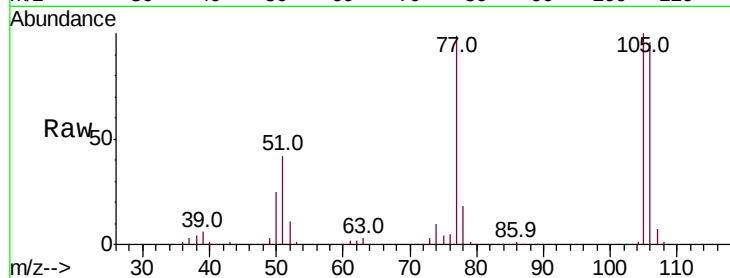
Tot Ion: 77 Resp: 221749

Ion Ratio Lower Upper

77 100

105 101.0 81.5 121.5

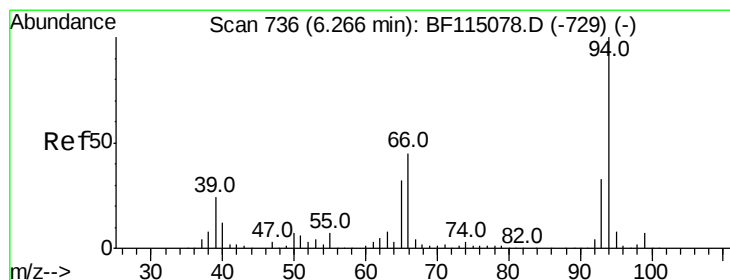
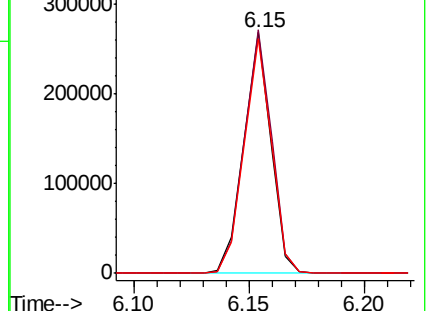
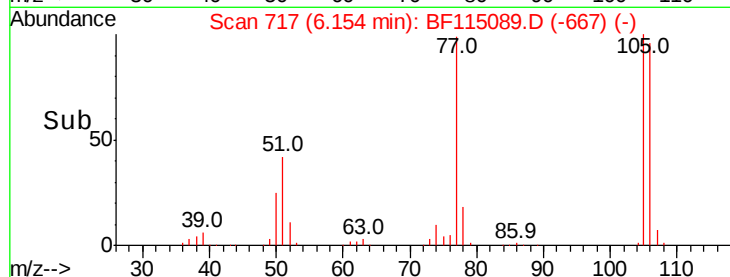
106 97.5 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.428 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

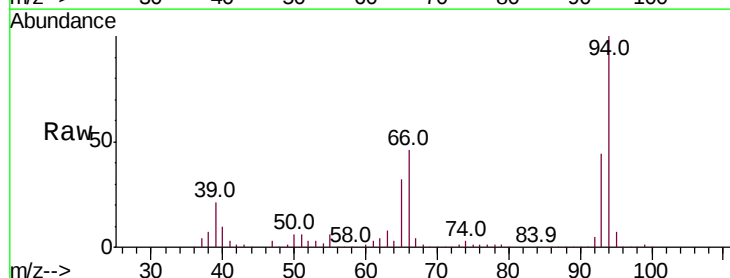
Tgt Ion: 94 Resp: 966583

Ion Ratio Lower Upper

94 100

65 31.7 11.9 51.9

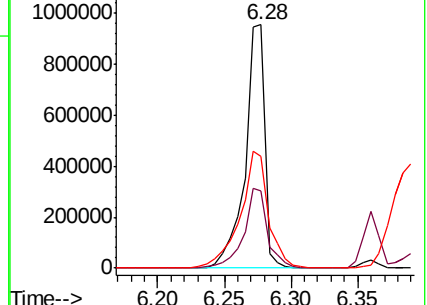
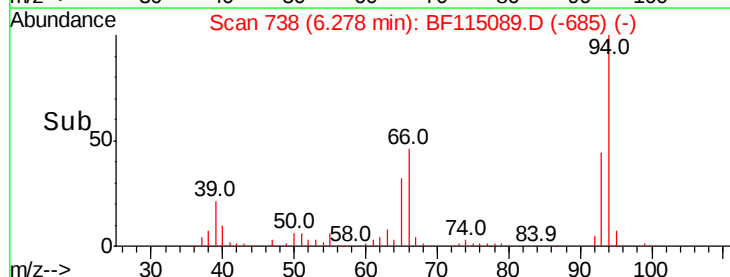
66 45.8 25.2 65.2

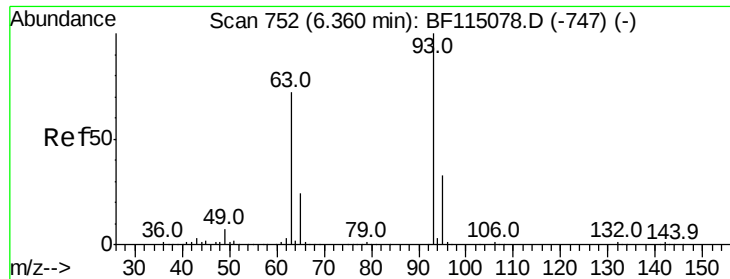


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

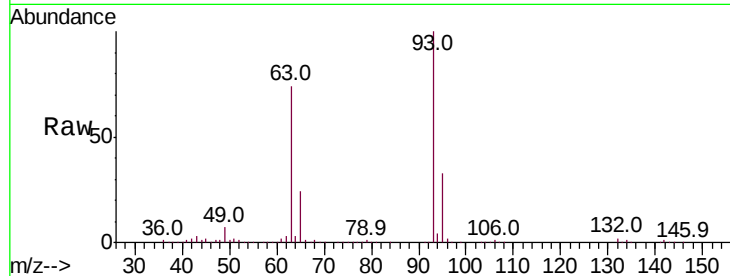




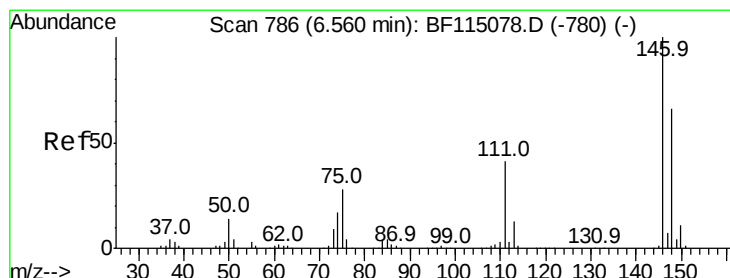
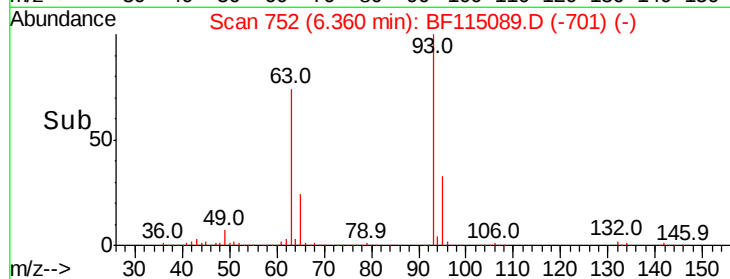
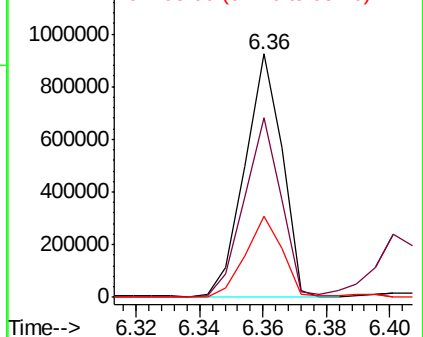
#11
bis(2-Chloroethyl)ether
Concen: 40.373 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 748561
Ion Ratio Lower Upper
93 100
63 73.7 51.5 91.5
95 33.4 13.4 53.4

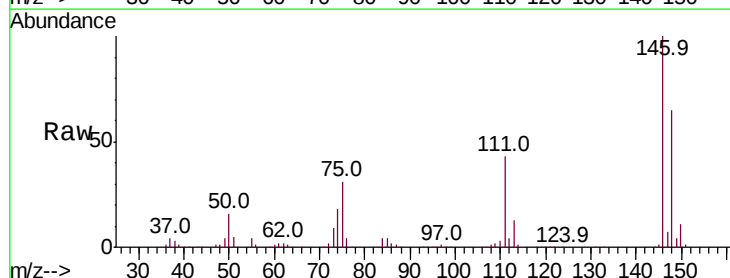


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

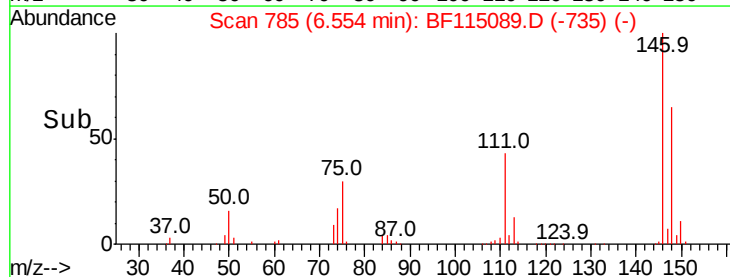
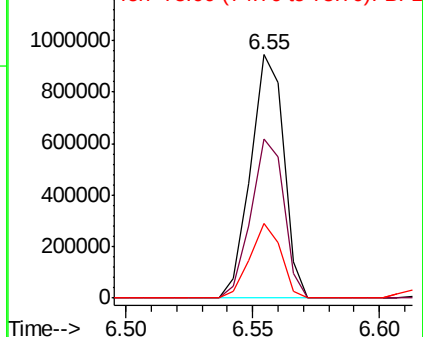


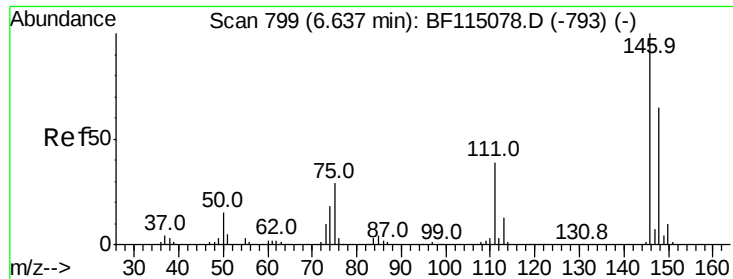
#12
1,3-Dichlorobenzene
Concen: 39.127 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion: 146 Resp: 863833
Ion Ratio Lower Upper
146 100
148 65.2 52.6 78.8
75 30.8 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

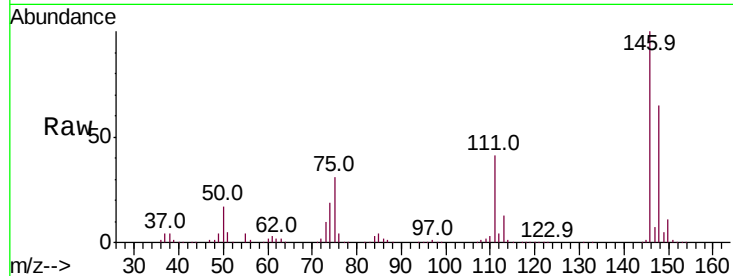




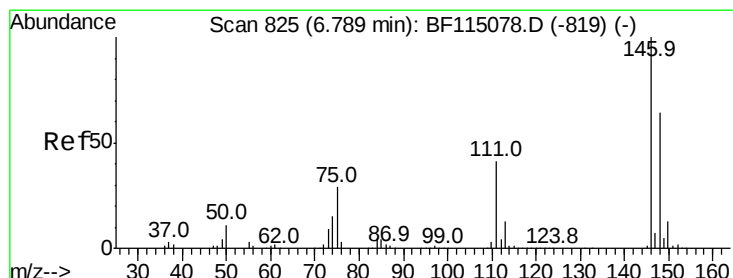
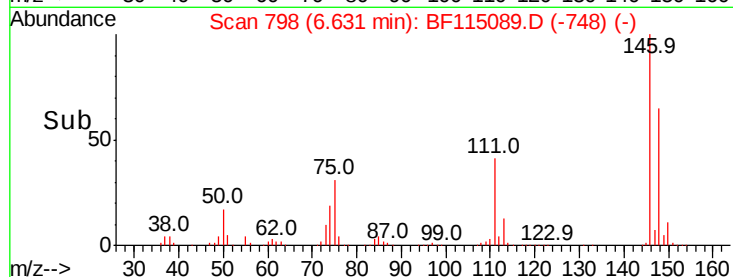
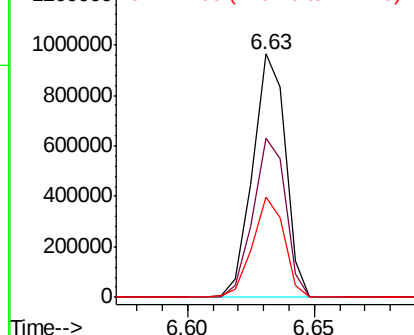
#13
 1,4-Dichlorobenzene
 Concen: 39.424 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 872814
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.9 77.9
 111 41.0 31.4 47.0

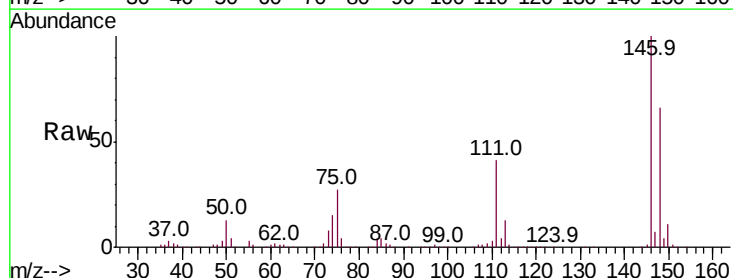


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

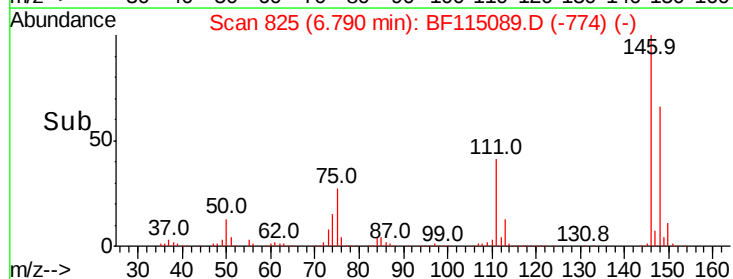
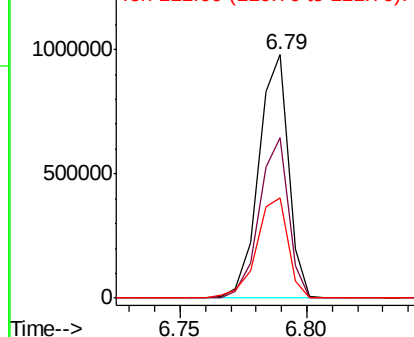


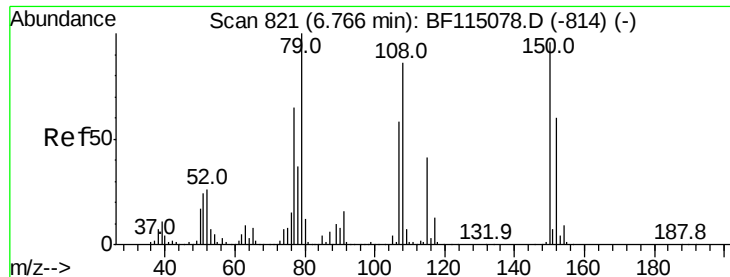
#14
 1,2-Dichlorobenzene
 Concen: 39.205 ng
 RT: 6.79 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Tgt Ion:146 Resp: 803787
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.1 76.7
 111 41.0 33.2 49.8



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





#15

Benzyl Alcohol

Concen: 40.954 ng

RT: 6.77 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :

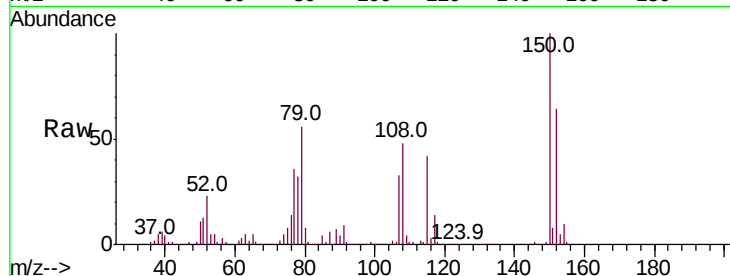
Tot Ion: 79 Resp: 640359

Ion Ratio Lower Upper

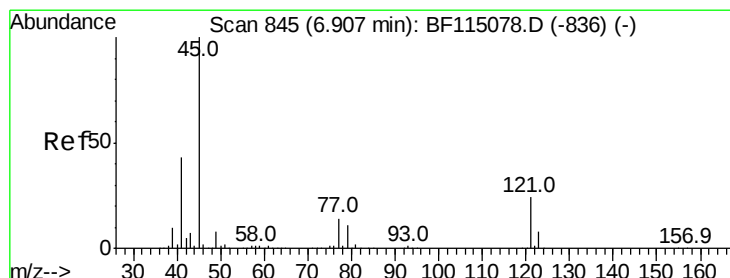
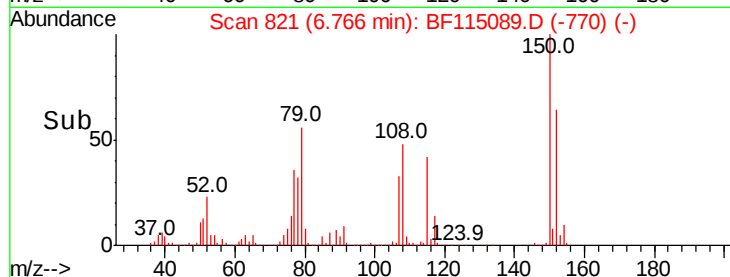
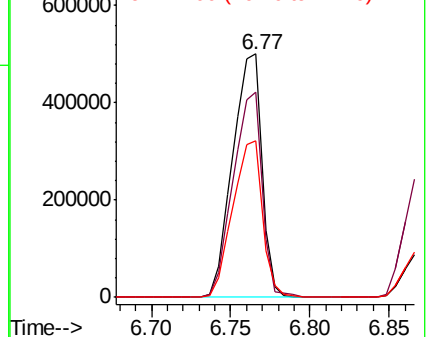
79 100

108 84.5 68.7 103.1

77 64.2 51.7 77.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.562 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

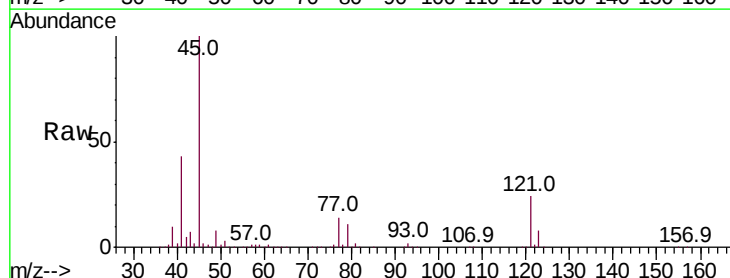
Tgt Ion: 45 Resp: 1090783

Ion Ratio Lower Upper

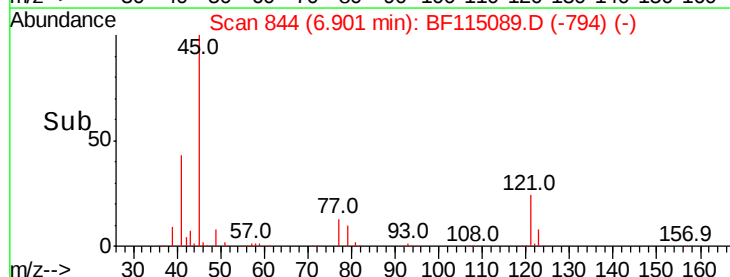
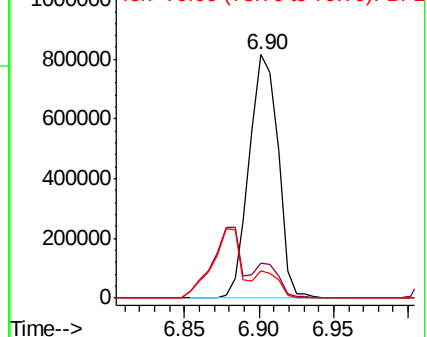
45 100

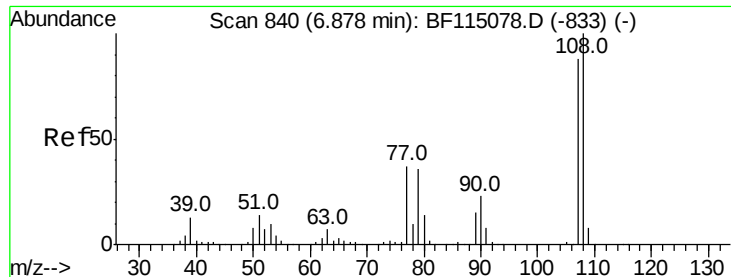
77 14.1 0.0 34.6

79 11.1 0.0 31.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

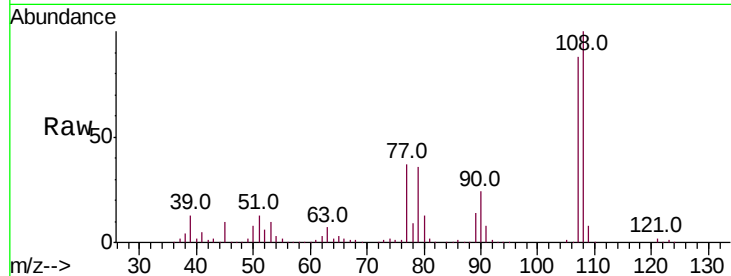




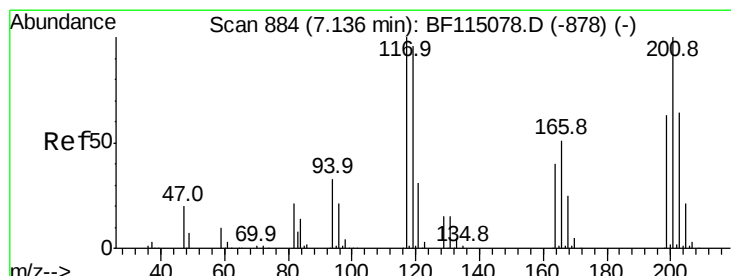
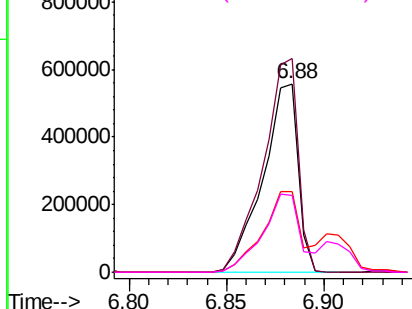
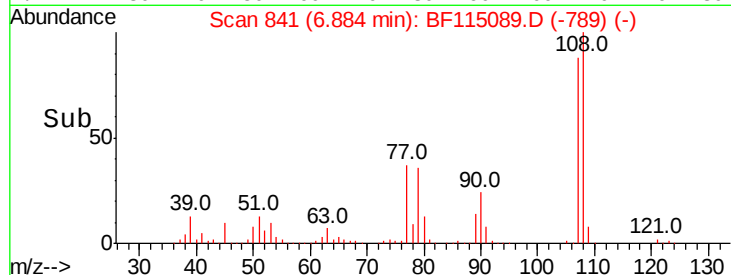
#17
2-Methylphenol
Concen: 42.492 ng
RT: 6.88 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 697736
Ion Ratio Lower Upper
107 100
108 113.5 90.9 136.3
77 42.5 33.4 50.2
79 40.9 32.3 48.5

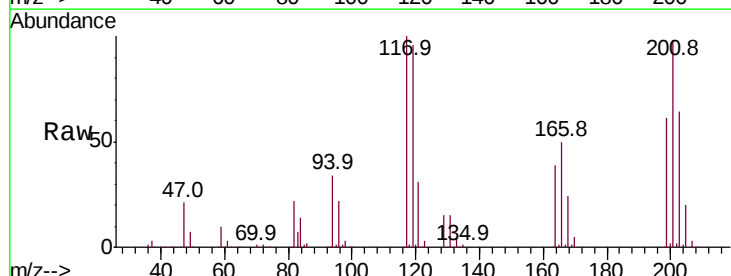


Abundance Ion 107.00 (106.70 to 107.70): E
1000000 Ion 108.00 (107.70 to 108.70): E
800000 Ion 77.00 (76.70 to 77.70): BF1
600000 Ion 79.00 (78.70 to 79.70): BF1
400000
200000
0

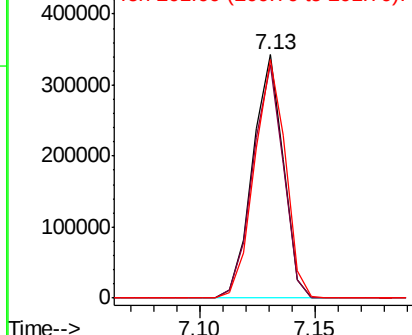
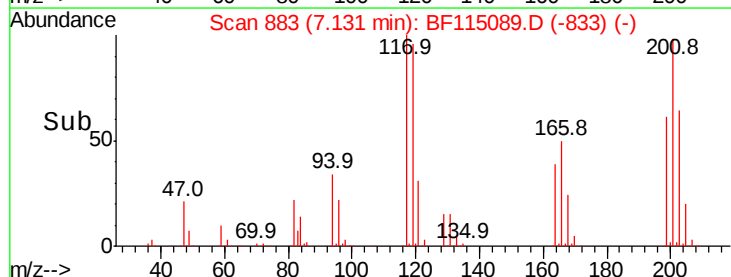


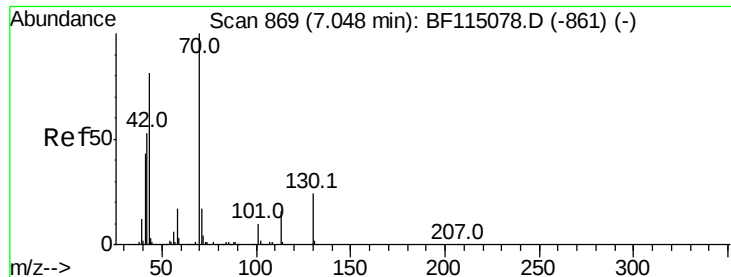
#18
Hexachloroethane
Concen: 39.678 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion:117 Resp: 316691
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8
201 98.0 80.2 120.2



Abundance Ion 117.00 (116.70 to 117.70): E
400000 Ion 119.00 (118.70 to 119.70): E
300000 Ion 201.00 (200.70 to 201.70): E
200000
100000
0

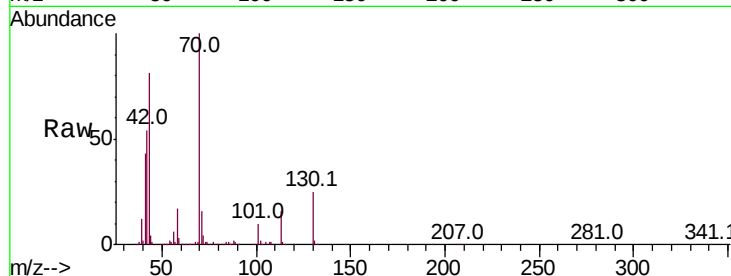




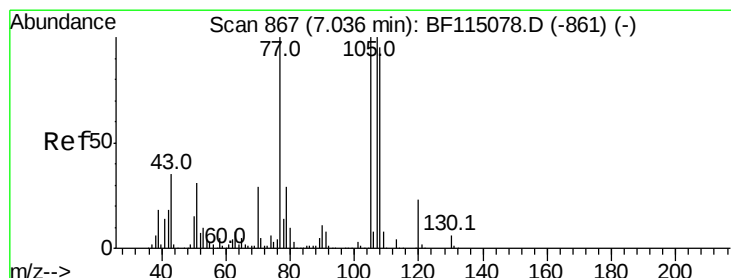
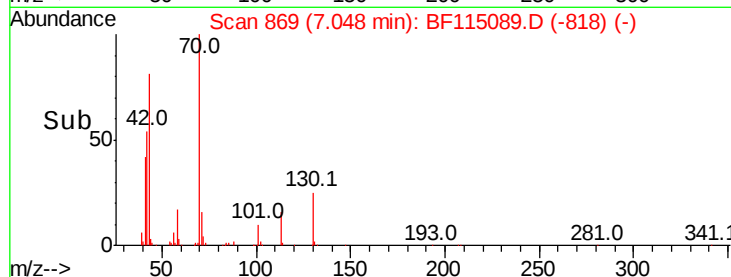
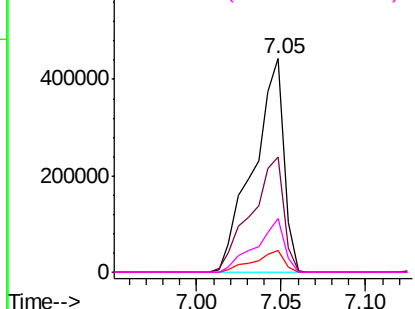
#19
n-Nitroso-di-n-propylamine
Concen: 40.379 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	555107
Ion	Ratio	Lower	Upper
70	100		
42	54.1	42.6	63.8
101	10.1	8.0	12.0
130	24.9	19.4	29.0

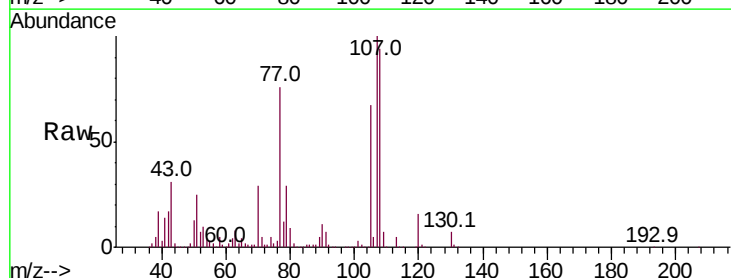


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

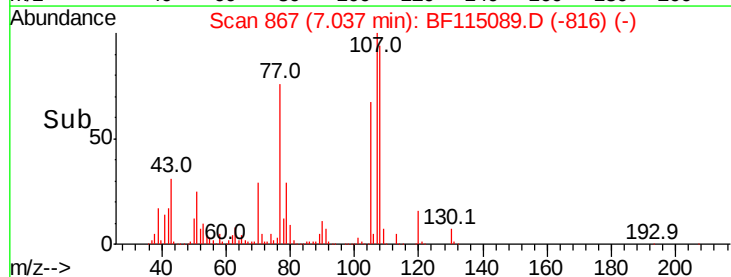
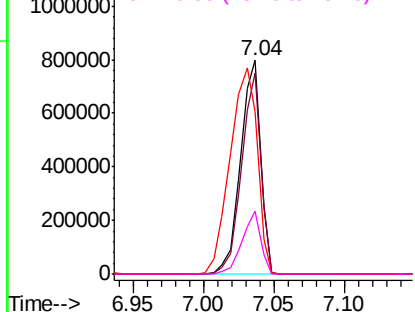


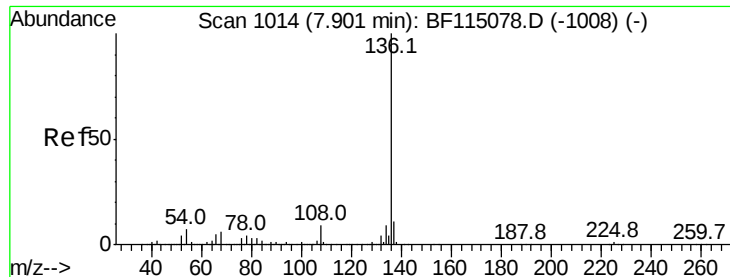
#20
3+4-Methylphenols
Concen: 41.485 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion:	107	Resp:	786563
Ion	Ratio	Lower	Upper
107	100		
108	94.1	75.5	115.5
77	76.4	80.2	120.2#
79	29.2	9.5	49.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1080920

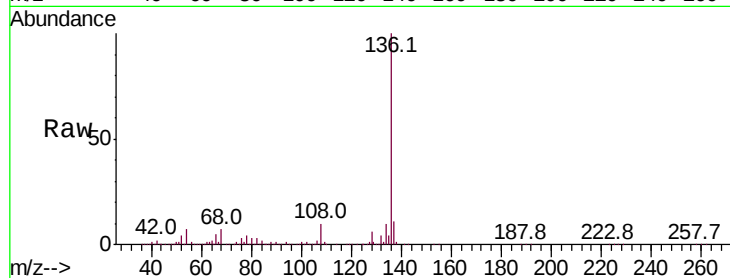
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.5	5.6	8.4
68	6.5	4.8	7.2

136 100

137 11.4 8.9 13.3

54 7.5 5.6 8.4

68 6.5 4.8 7.2

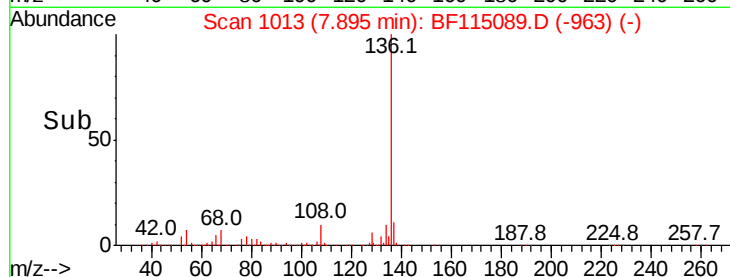


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

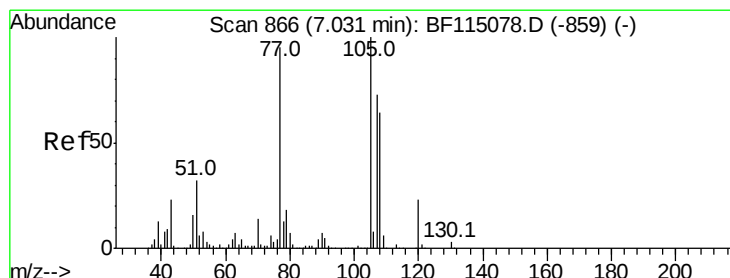
7.90

1000000

500000

0

7.85 7.90 7.95



#22

Acetophenone

Concen: 44.097 ng

RT: 7.03 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Tgt Ion:105 Resp: 1091229

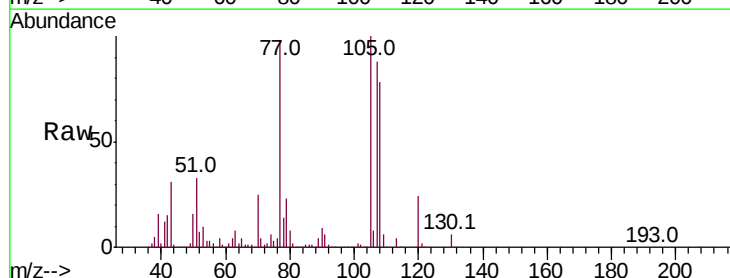
Ion	Ratio	Lower	Upper
105	100		
71	3.9	1.9	2.9#
51	33.0	25.8	38.8
120	23.6	18.5	27.7

105 100

71 3.9 1.9 2.9#

51 33.0 25.8 38.8

120 23.6 18.5 27.7

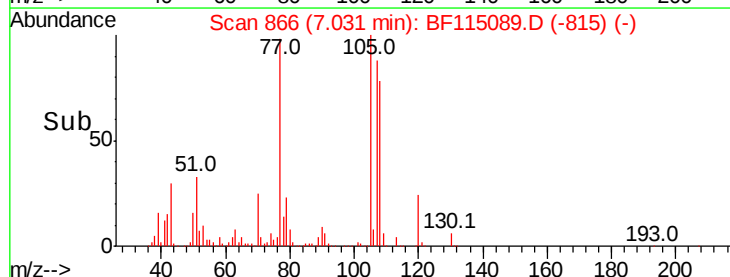


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

7.03

1200000

1000000

800000

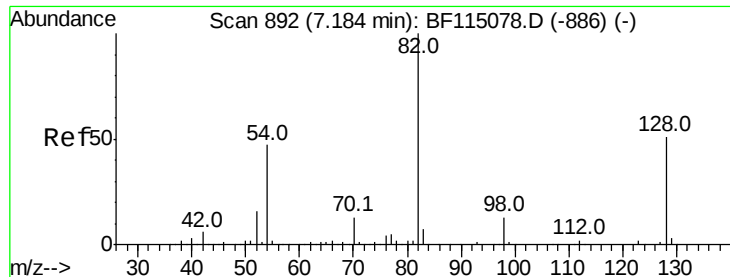
600000

400000

200000

0

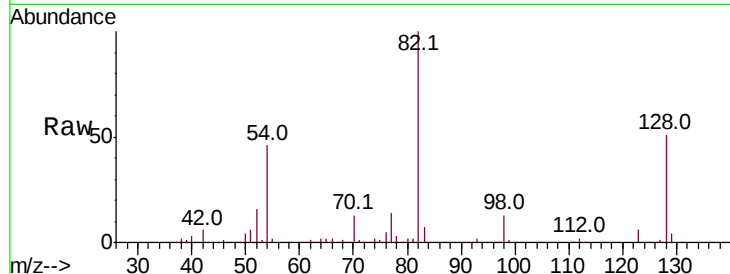
6.95 7.00 7.05 7.10



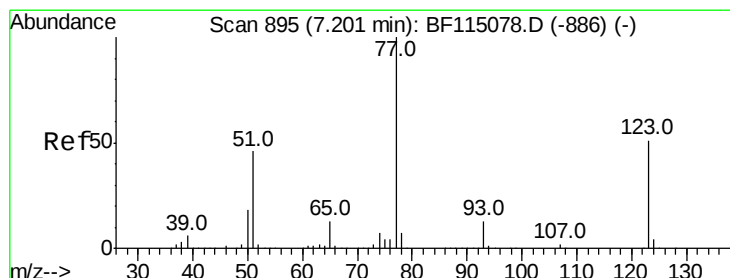
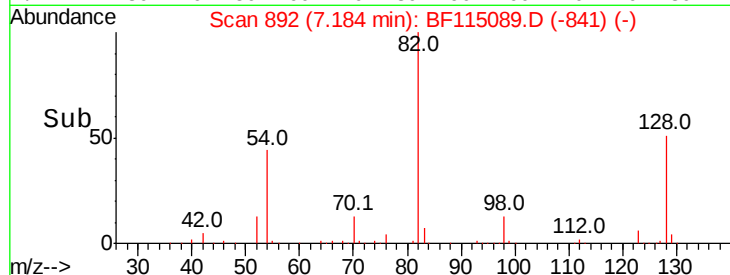
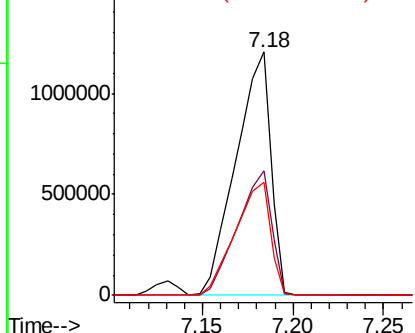
#23
Nitrobenzene-d5
Concen: 91.786 ng
RT: 7.18 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1612813
Ion Ratio Lower Upper
82 100
128 51.2 40.4 60.6
54 46.2 37.5 56.3

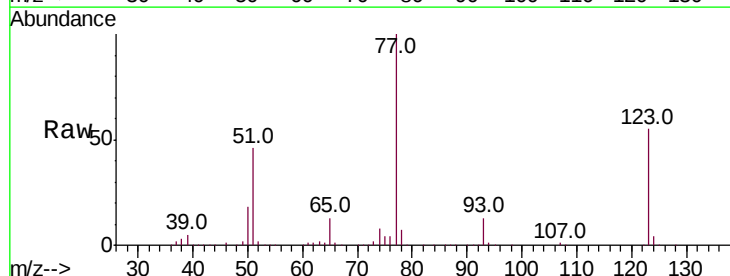


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

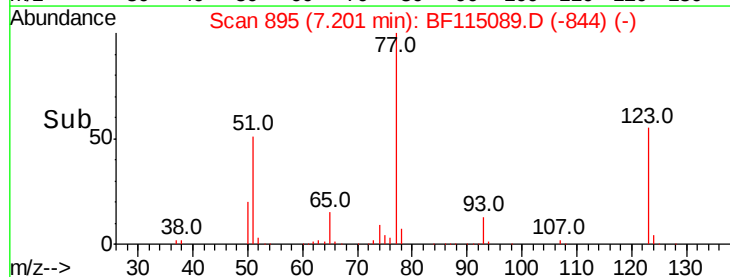
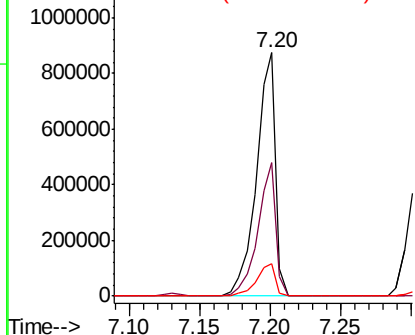


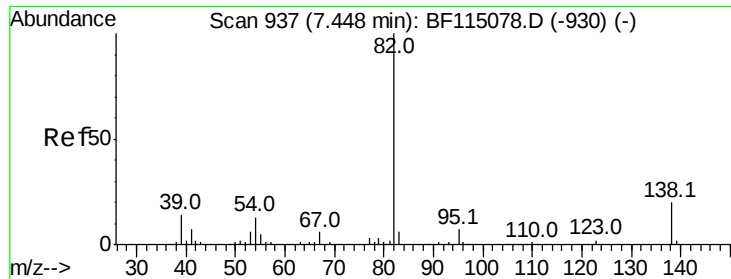
#24
Nitrobenzene
Concen: 42.878 ng
RT: 7.20 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion: 77 Resp: 830048
Ion Ratio Lower Upper
77 100
123 54.8 41.0 61.6
65 13.2 10.5 15.7



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





#25

Isophorone

Concen: 43.915 ng

RT: 7.45 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

ClientSampled :

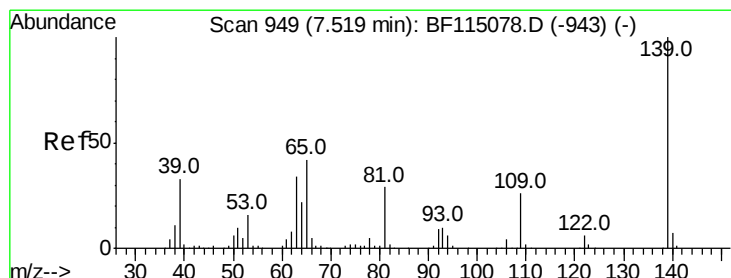
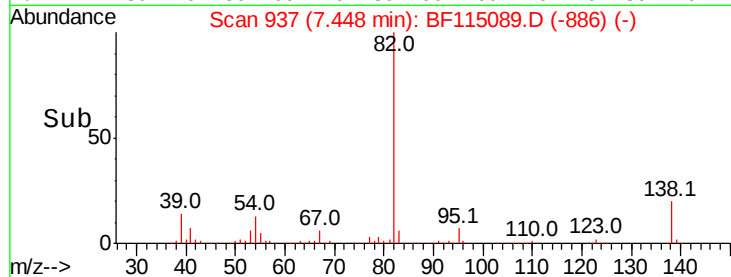
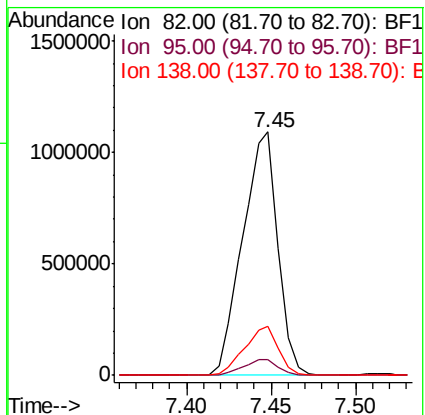
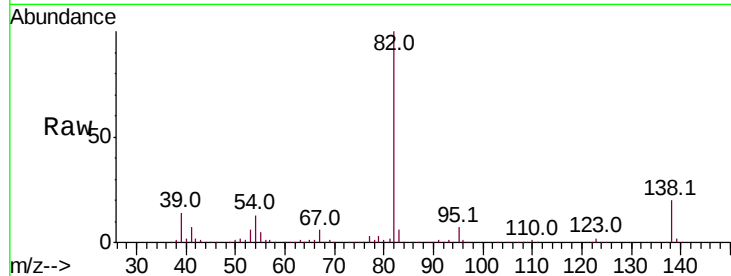
Tot Ion: 82 Resp: 1580761

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 20.2 15.9 23.9



#26

2-Nitrophenol

Concen: 46.920 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

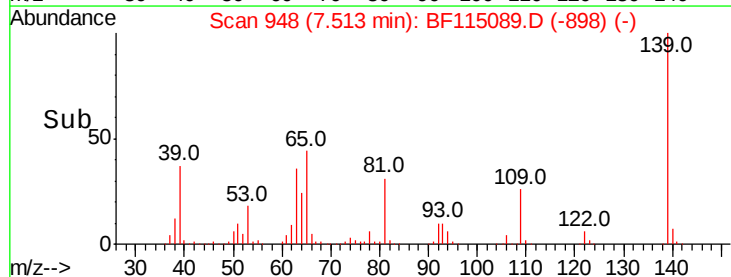
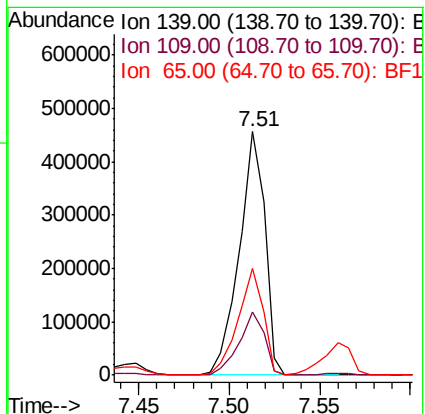
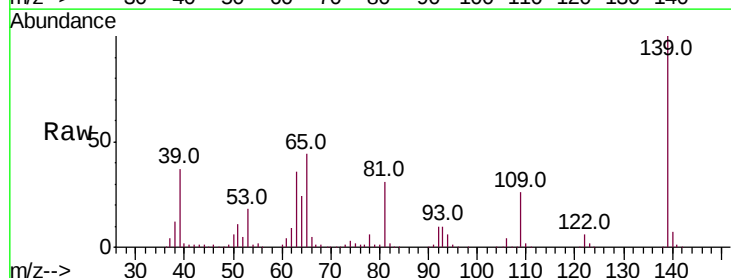
Tgt Ion: 139 Resp: 448549

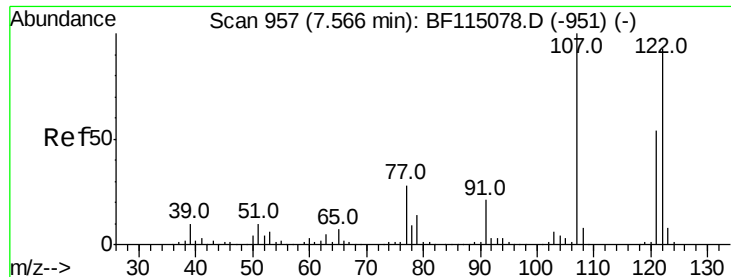
Ion Ratio Lower Upper

139 100

109 26.1 20.4 30.6

65 43.9 33.6 50.4

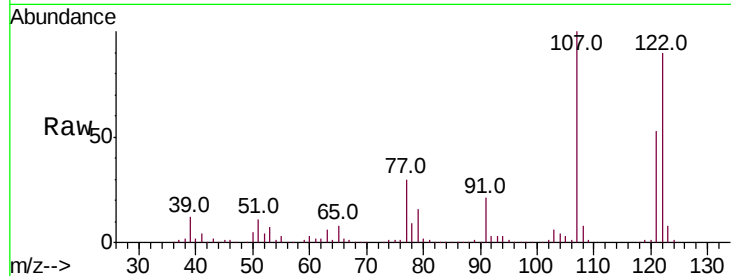




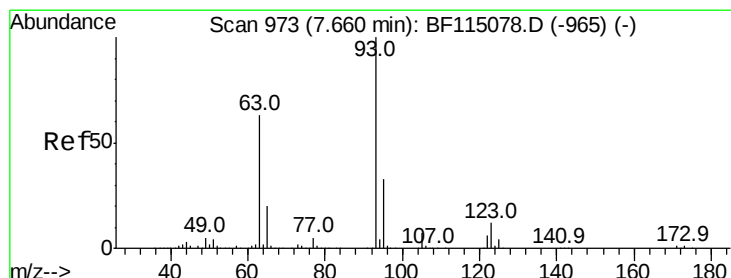
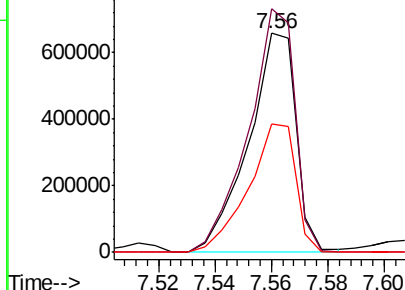
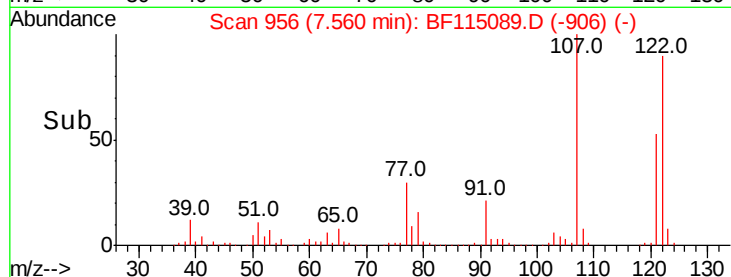
#27
 2,4-Dimethylphenol
 Concen: 49.410 ng
 RT: 7.56 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 773384
 Ion Ratio Lower Upper
 122 100
 107 111.3 85.8 128.6
 121 58.9 46.3 69.5

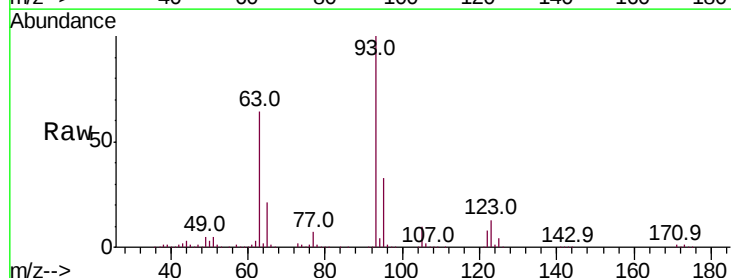


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

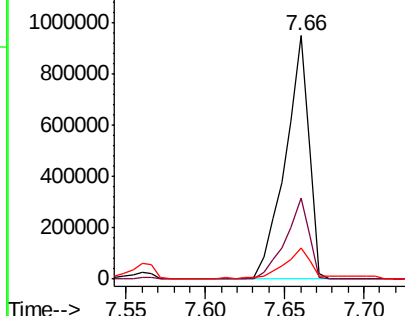
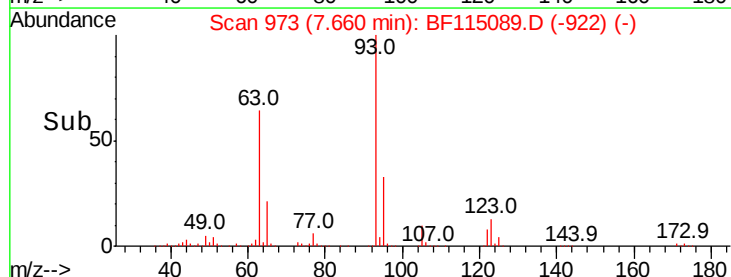


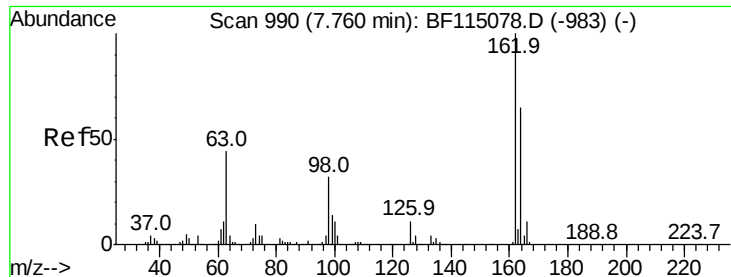
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.253 ng
 RT: 7.66 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Tgt Ion: 93 Resp: 984056
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.2 39.4
 123 12.9 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

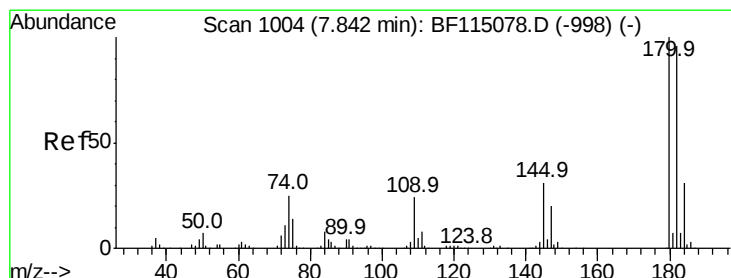
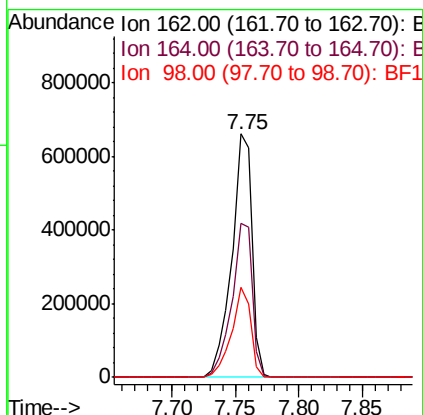
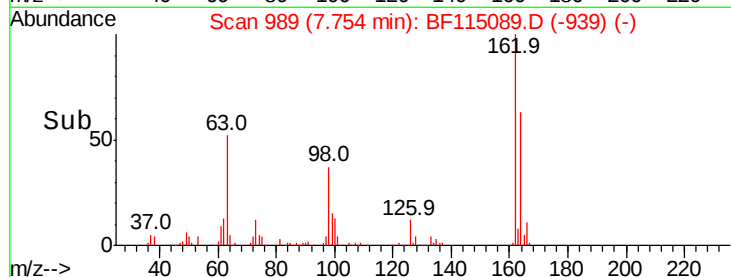
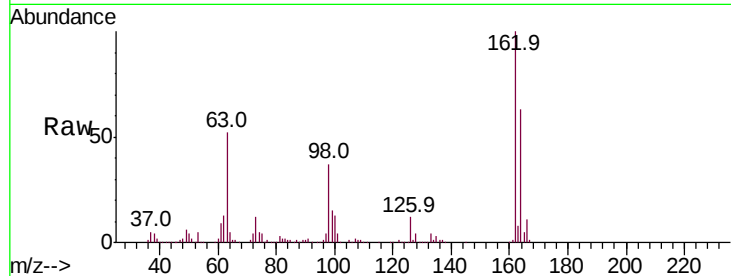




#29
 2,4-Dichlorophenol
 Concen: 44.675 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

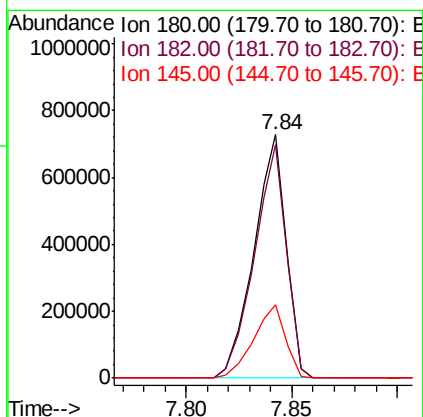
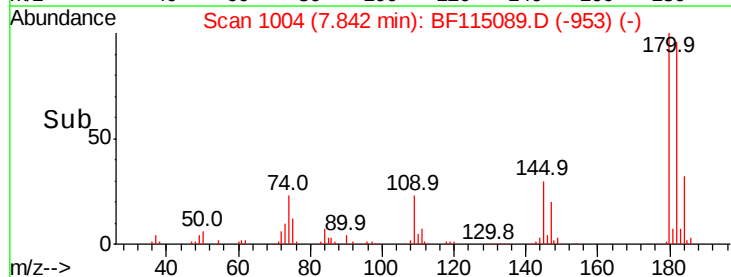
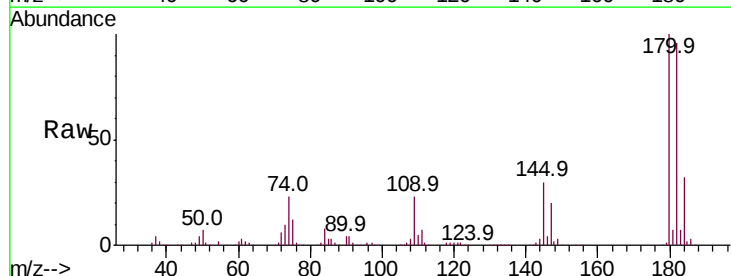
Instrument :
 BNA_F
 ClientSampleId :

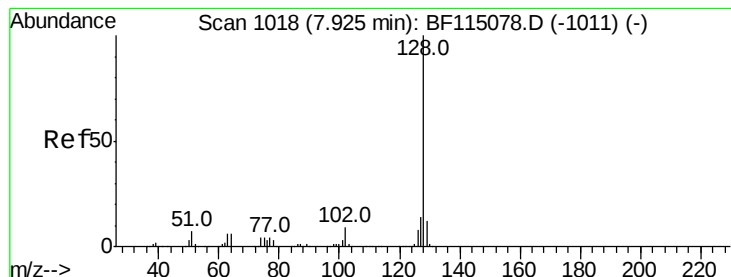
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	45.3	85.3
98	36.9	12.5	52.5



#30
 1,2,4-Trichlorobenzene
 Concen: 43.080 ng
 RT: 7.84 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.4	114.6
145	30.1	24.8	37.2





#31

Naphthalene

Concen: 43.618 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

ClientSampleId :

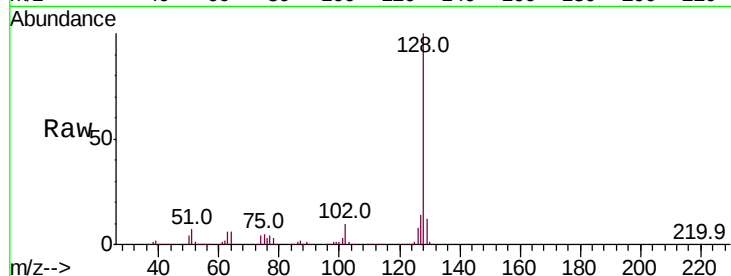
Tot Ion:128 Resp: 2314351

Ion Ratio Lower Upper

128 100

129 12.4 9.6 14.4

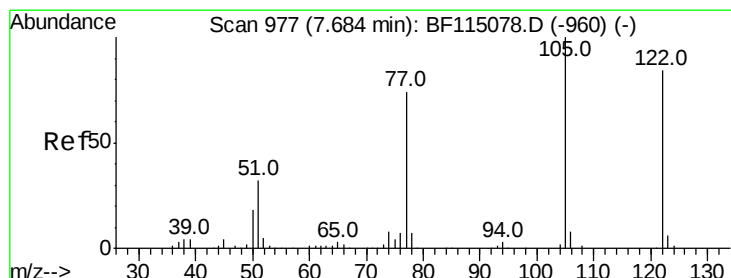
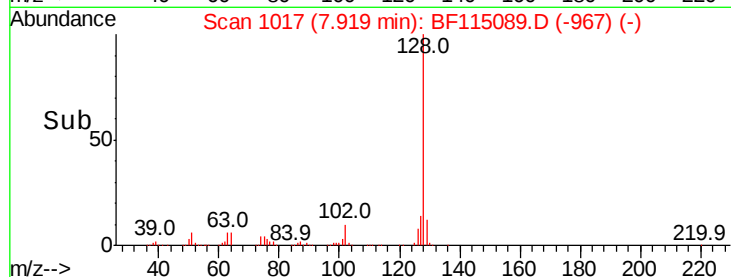
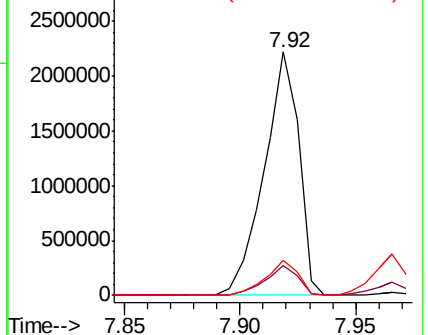
127 14.4 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 53.033 ng

RT: 7.71 min Scan# 981

Delta R.T. 0.02 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

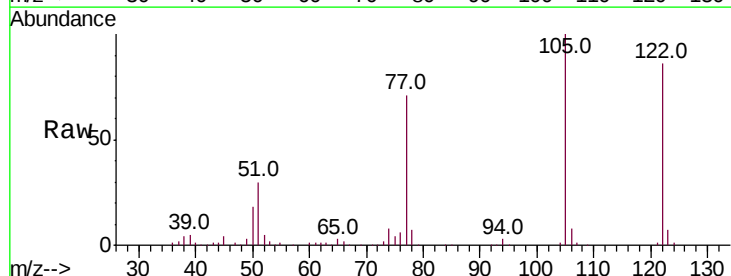
Tgt Ion:122 Resp: 592532

Ion Ratio Lower Upper

122 100

105 115.8 98.2 138.2

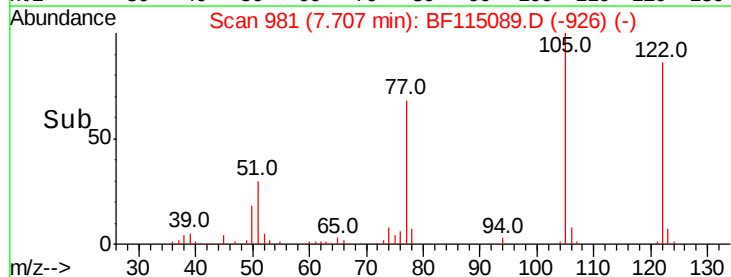
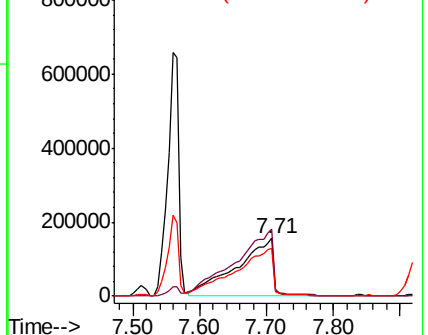
77 81.8 67.0 107.0

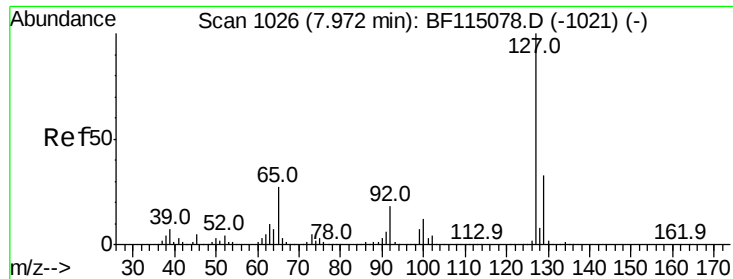


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

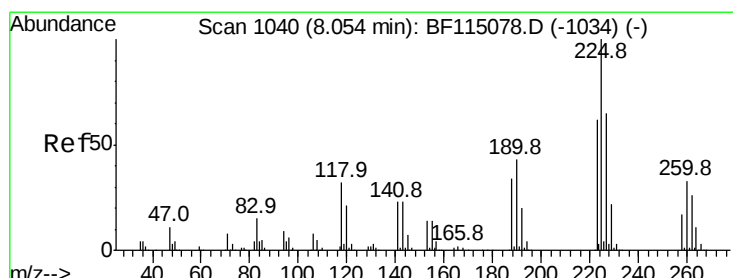
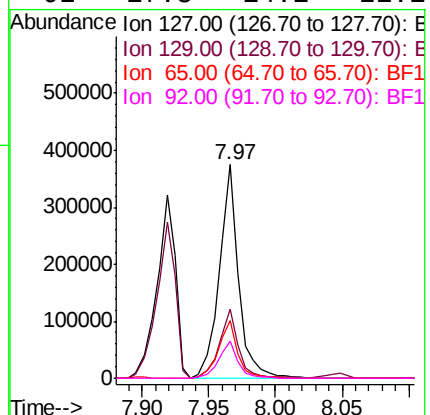
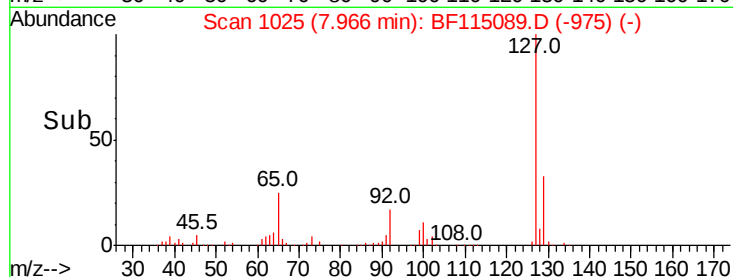
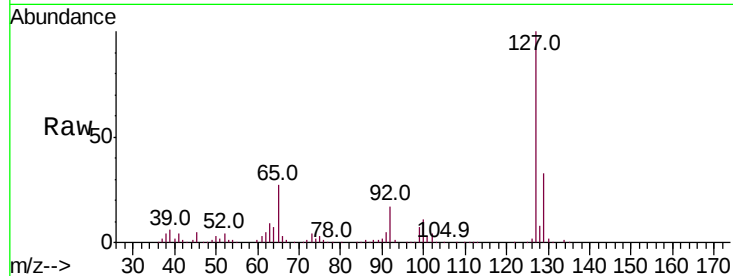




#33
4-Chloroaniline
Concen: 15.741 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

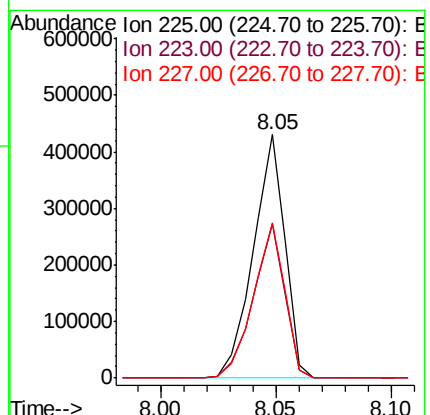
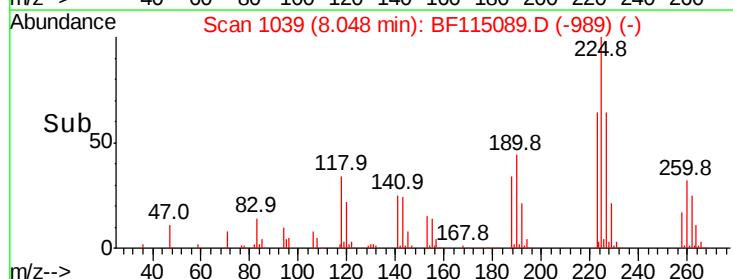
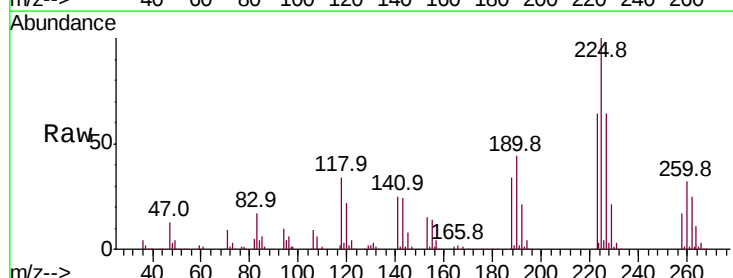
Instrument :
BNA_F
ClientSampleId :

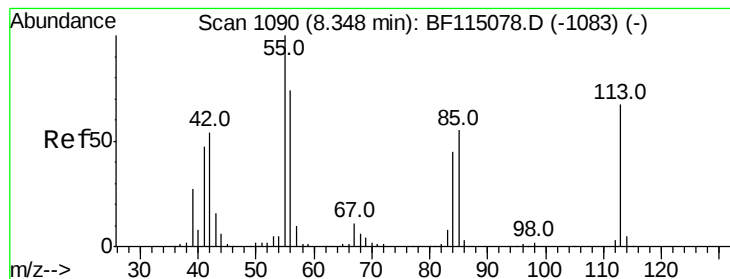
Tot Ion:	127	Resp:	381713
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	26.7	21.4	32.2
92	17.3	14.1	21.1



#34
Hexachlorobutadiene
Concen: 41.987 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion:	225	Resp:	410535
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.4	74.2
227	63.9	51.8	77.8





#35

Caprolactam

Concen: 23.231 ng

RT: 8.35 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

ClientSampleId :

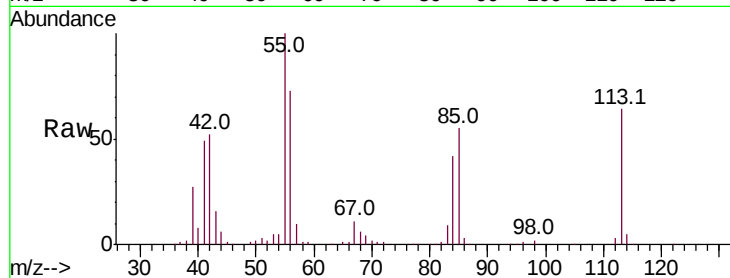
Tot Ion:113 Resp: 126164

Ion Ratio Lower Upper

113 100

55 156.3 130.2 170.2

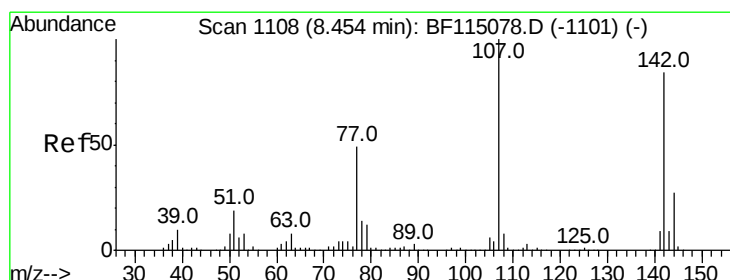
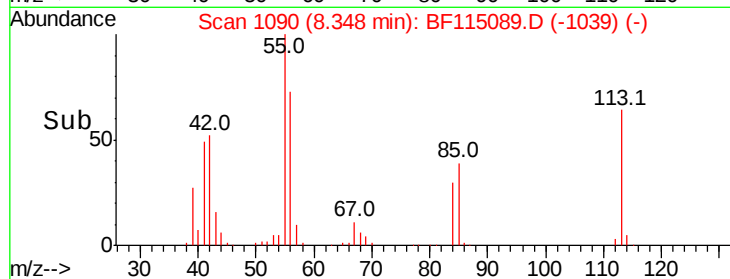
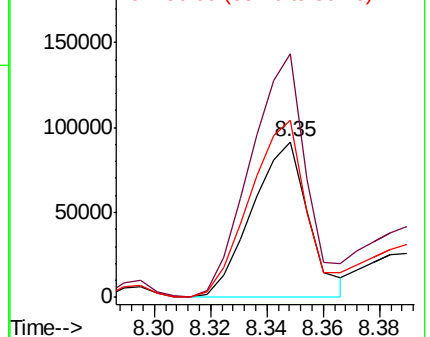
56 113.7 91.6 131.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.386 ng

RT: 8.46 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

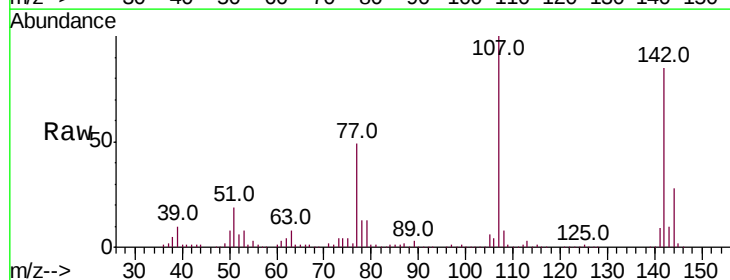
Tgt Ion:107 Resp: 726092

Ion Ratio Lower Upper

107 100

144 27.9 21.7 32.5

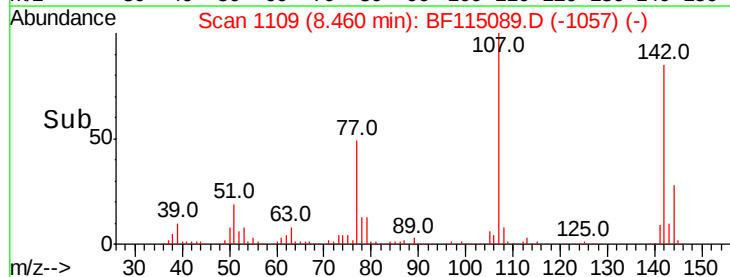
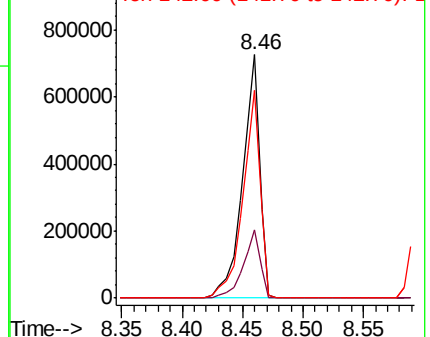
142 85.4 67.0 100.4

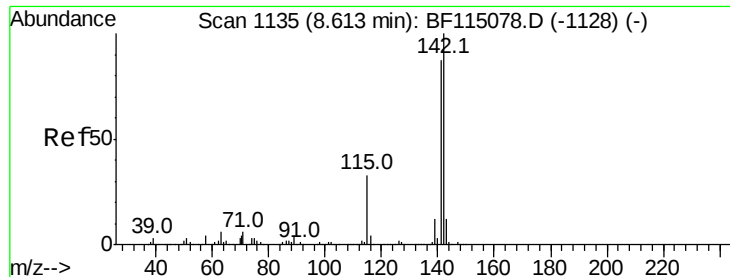


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

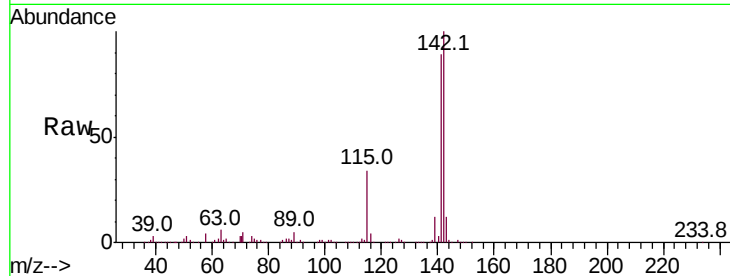




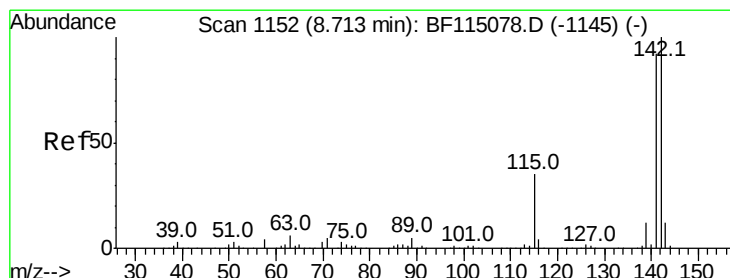
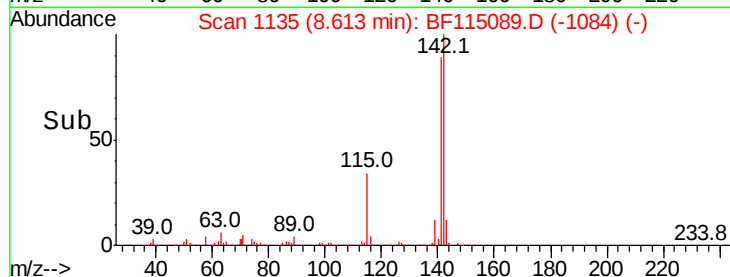
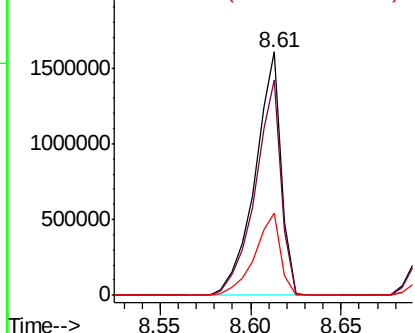
#37
2-Methylnaphthalene
Concen: 44.645 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1597218
Ion Ratio Lower Upper
142 100
141 88.6 69.8 104.6
115 33.7 26.7 40.1

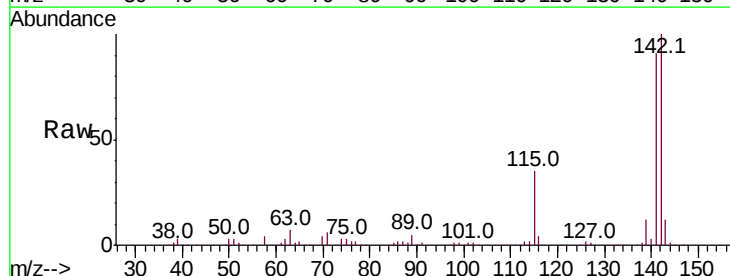


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

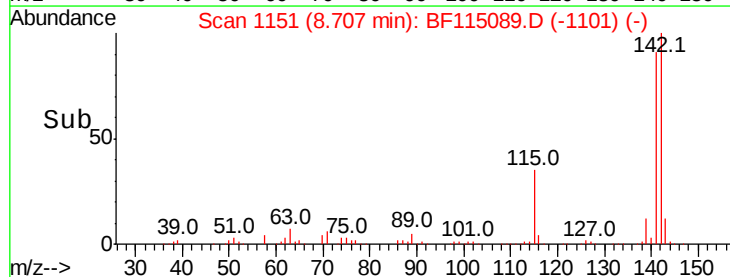
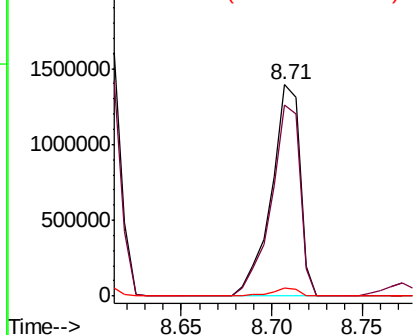


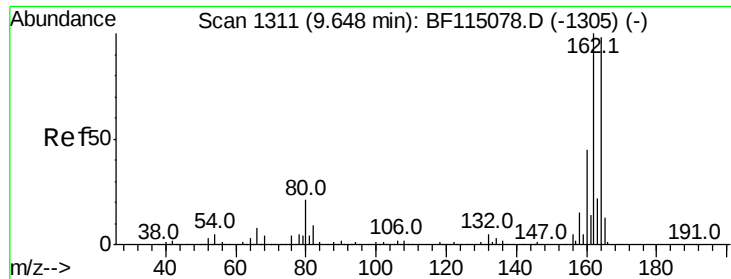
#38
1-Methylnaphthalene
Concen: 44.718 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion:142 Resp: 1527924
Ion Ratio Lower Upper
142 100
141 90.6 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

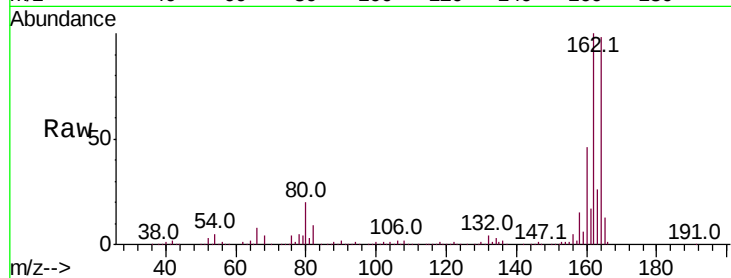




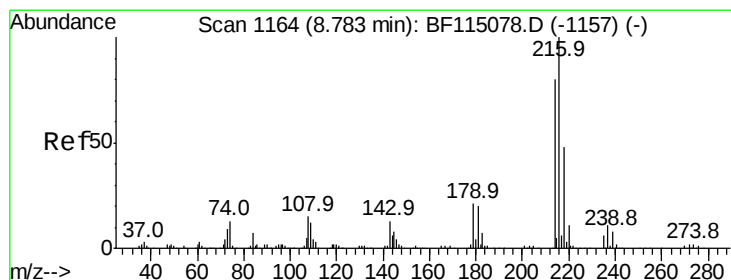
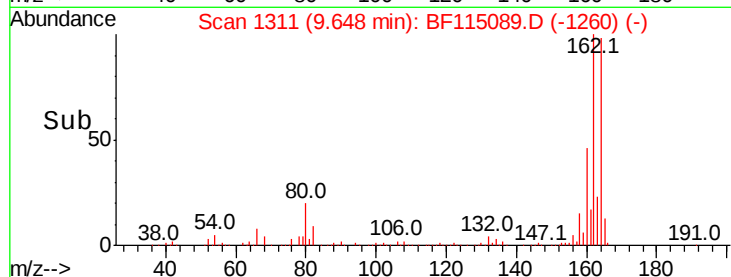
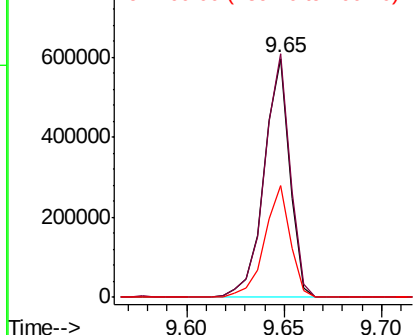
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 542408
Ion Ratio Lower Upper
164 100
162 102.0 81.7 122.5
160 46.7 37.0 55.4

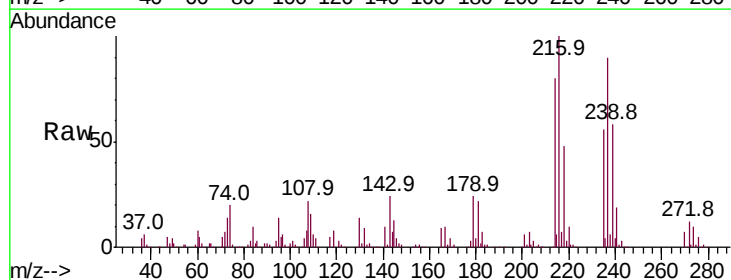


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

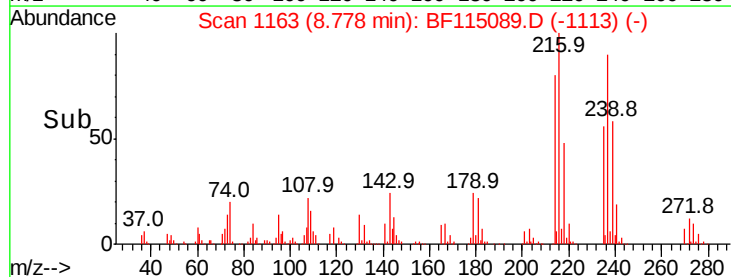
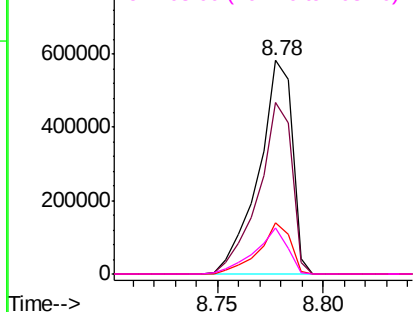


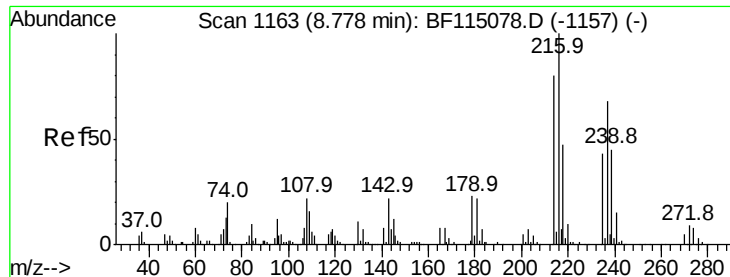
#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.246 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion:216 Resp: 647522
Ion Ratio Lower Upper
216 100
214 79.1 63.8 95.6
179 22.3 17.6 26.4
108 21.0 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: 79.493 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

ClientSampleId :

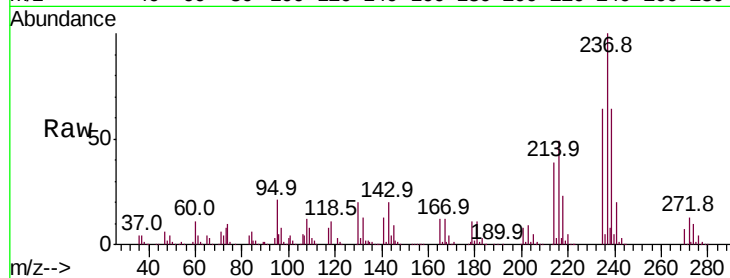
Tot Ion:237 Resp: 722484

Ion Ratio Lower Upper

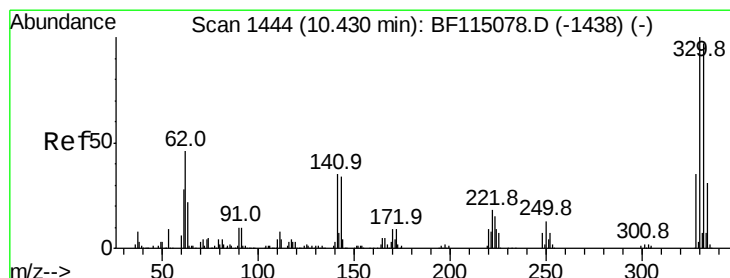
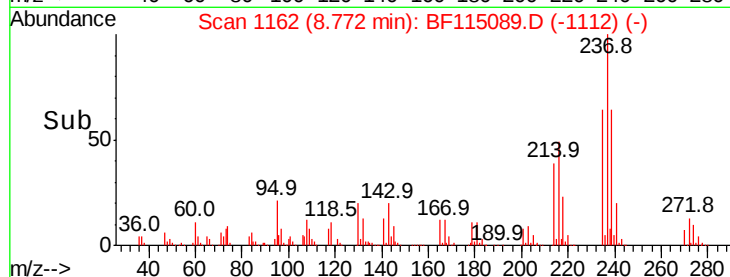
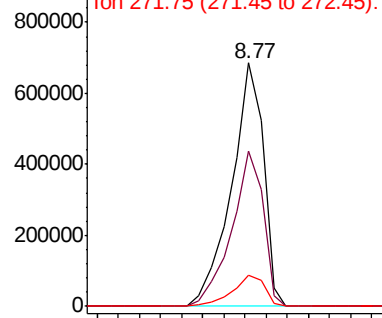
237 100

235 63.8 43.9 83.9

272 13.0 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: 127.142 ng

RT: 10.44 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

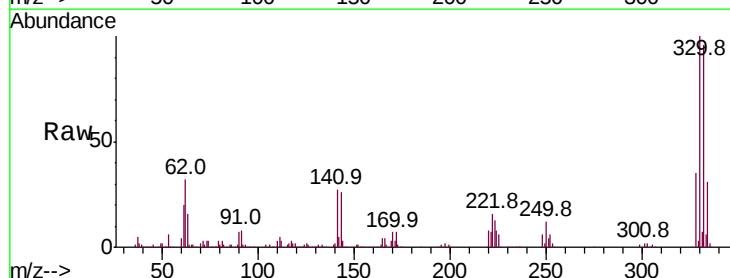
Tgt Ion:330 Resp: 727236

Ion Ratio Lower Upper

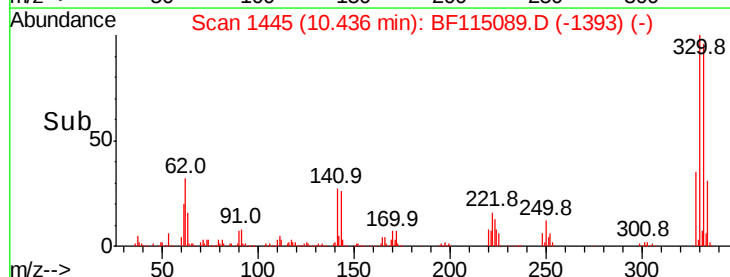
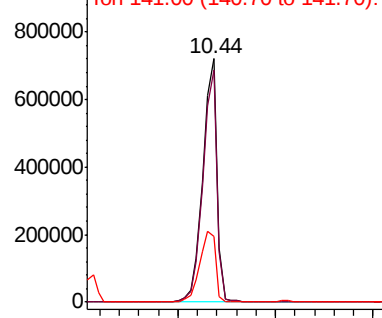
330 100

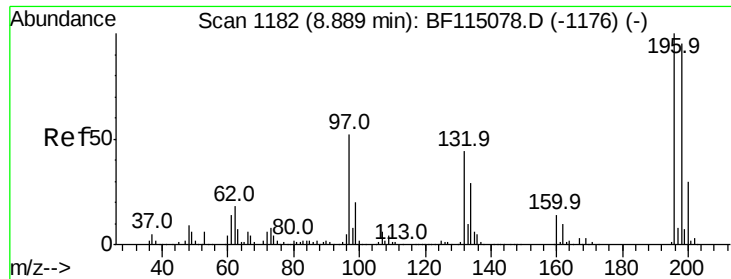
332 95.3 77.3 115.9

141 32.8 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

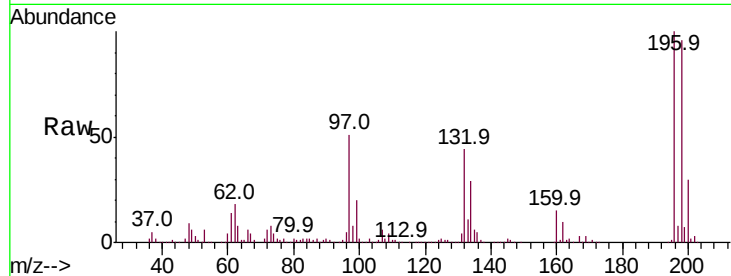




#43
 2,4,6-Trichlorophenol
 Concen: 45.798 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.3	114.5
200	30.5	24.2	36.4

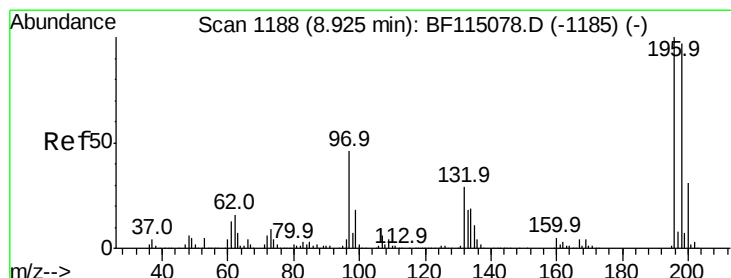
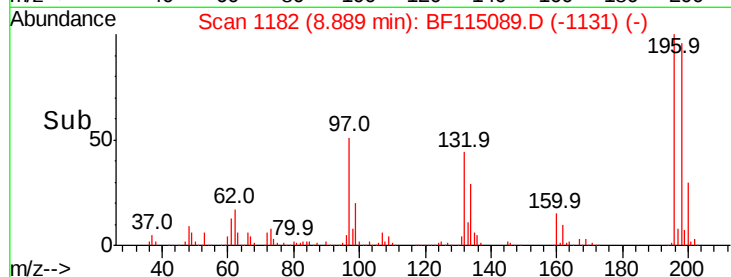
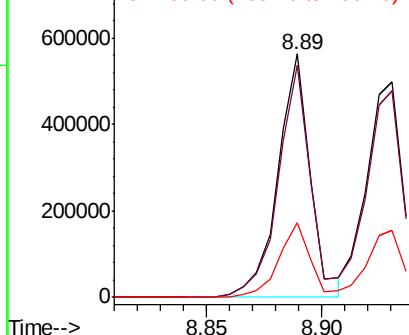


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 43.843 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.1	115.7
97	43.2	37.7	56.5
132	27.4	23.1	34.7

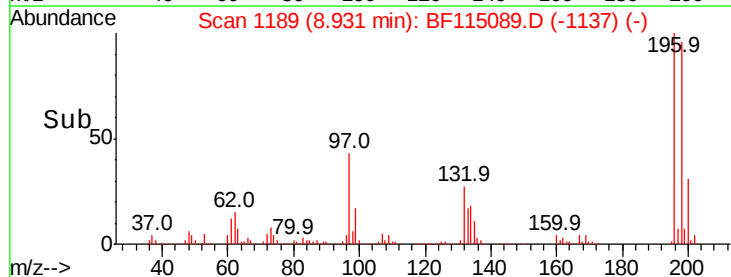
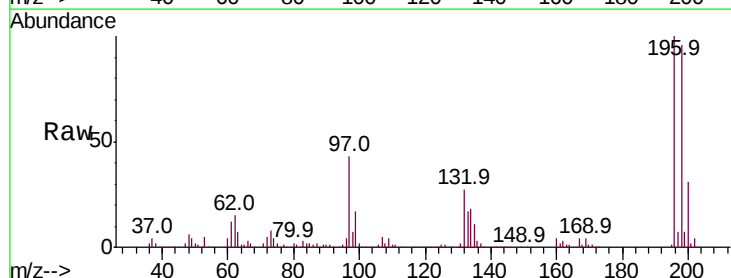
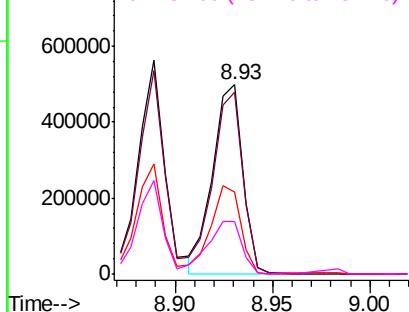
Abundance

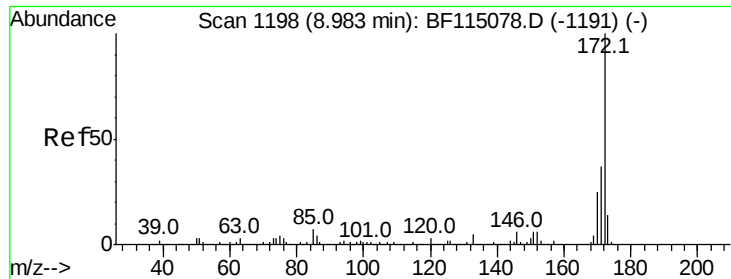
Ion 196.00 (195.70 to 196.70): E

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

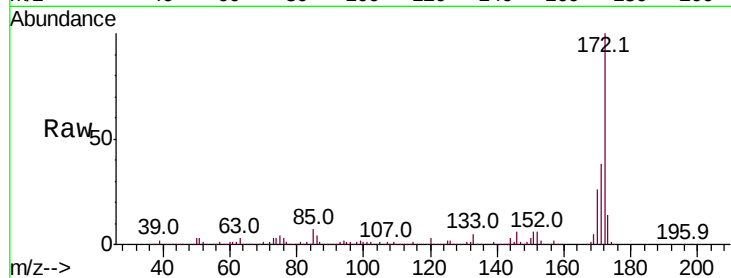




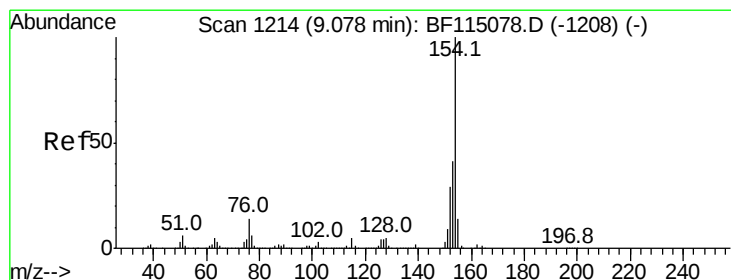
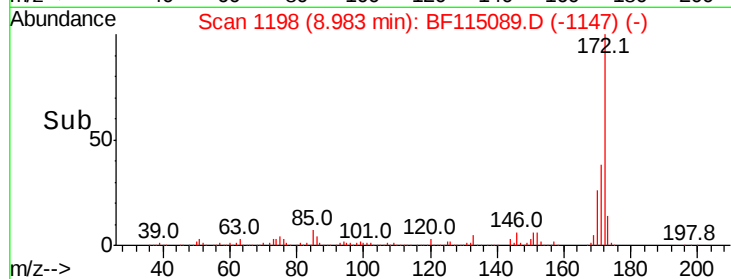
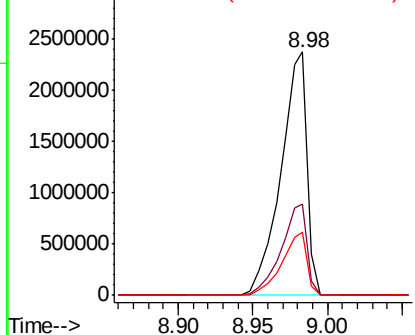
#45
2-Fluorobiphenyl
Concen: 91.518 ng
RT: 8.98 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2922376
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 26.0 20.3 30.5

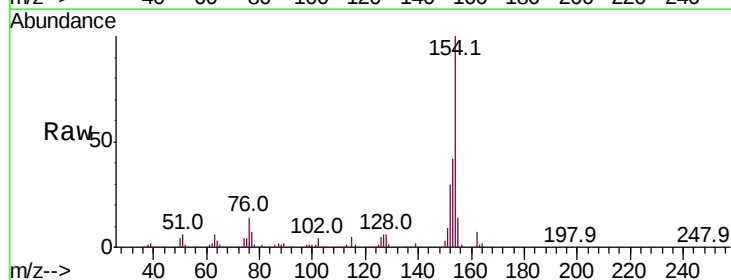


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

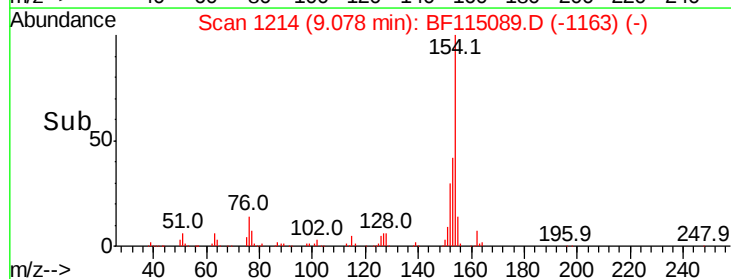
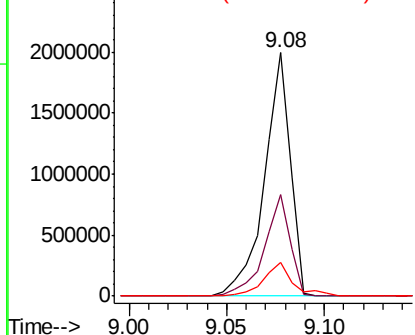


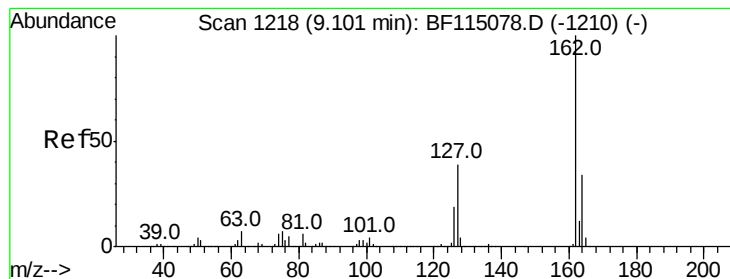
#46
1,1'-Biphenyl
Concen: 42.285 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion:154 Resp: 1835171
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: 42.182 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

ClientSampleId :

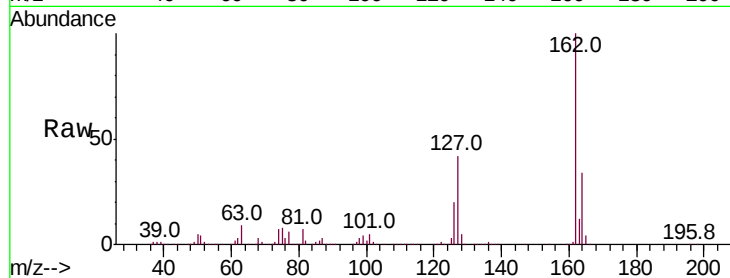
Tot Ion:162 Resp: 1484978

Ion Ratio Lower Upper

162 100

127 41.6 30.8 46.2

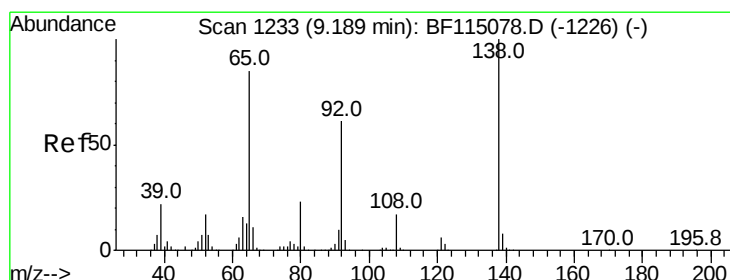
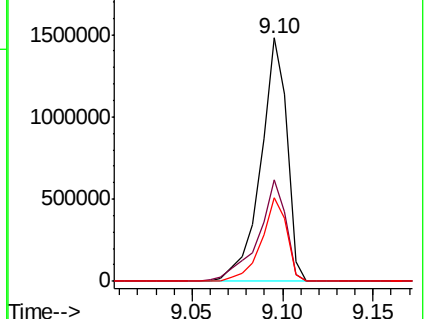
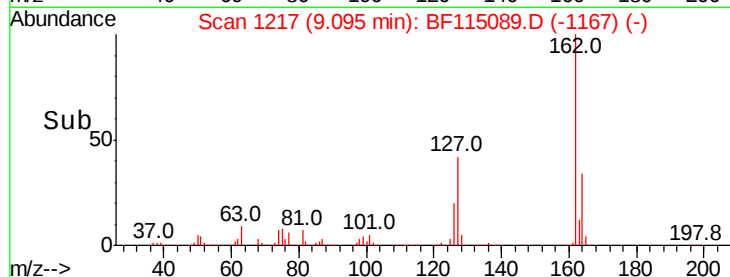
164 34.2 27.0 40.4



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: 42.350 ng

RT: 9.19 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

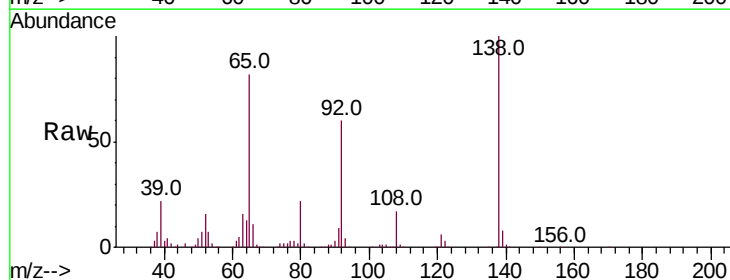
Tgt Ion: 65 Resp: 434666

Ion Ratio Lower Upper

65 100

92 73.0 57.4 86.2

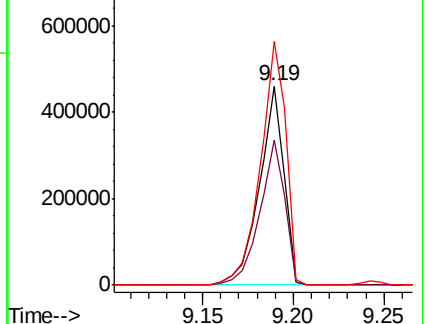
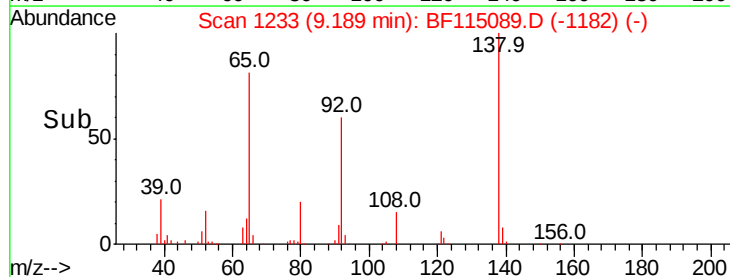
138 122.3 94.1 141.1

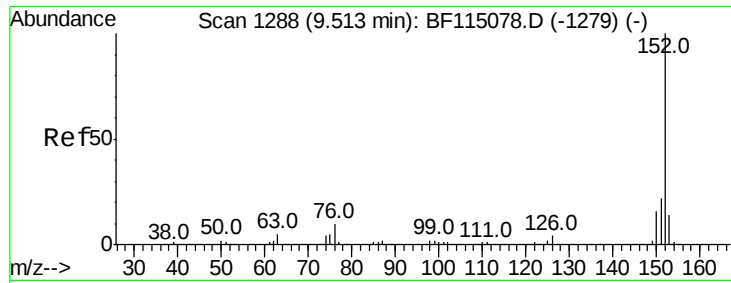


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.323 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

ClientSampleId :

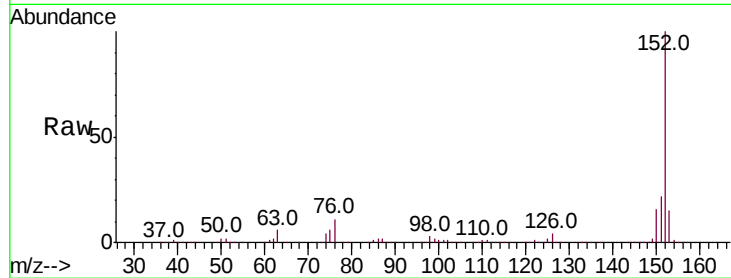
Tot Ion:152 Resp: 2321378

Ion Ratio Lower Upper

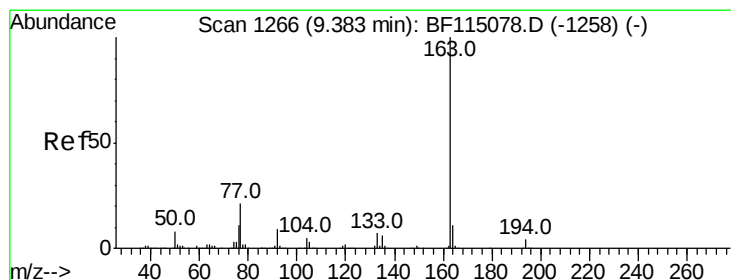
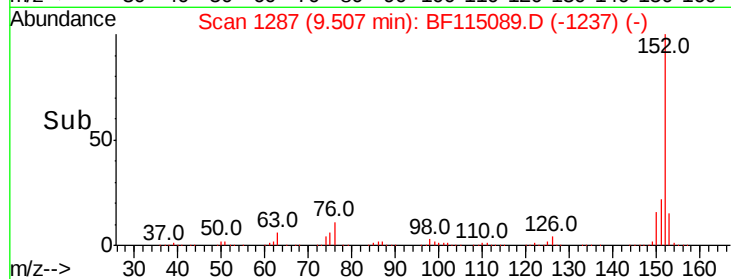
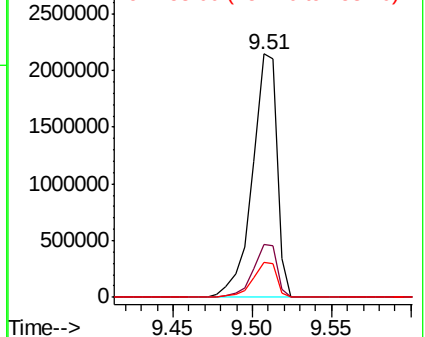
152 100

151 21.8 17.2 25.8

153 14.6 11.0 16.6



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



#50

Dimethylphthalate

Concen: 42.375 ng

RT: 9.39 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

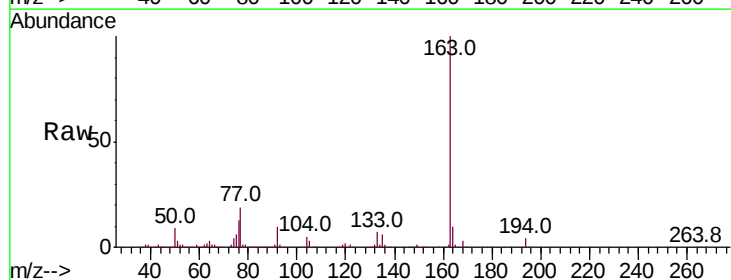
Tgt Ion:163 Resp: 1691020

Ion Ratio Lower Upper

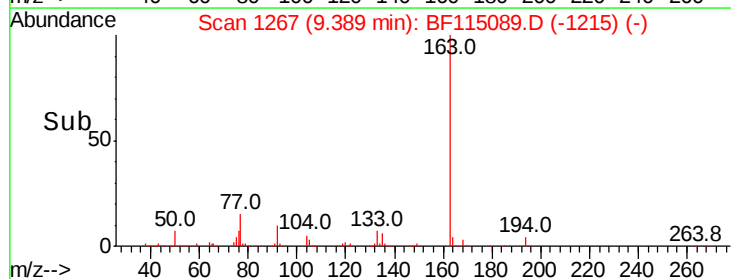
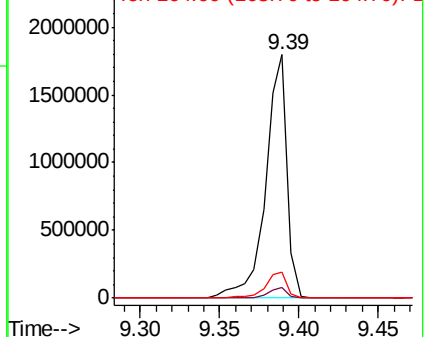
163 100

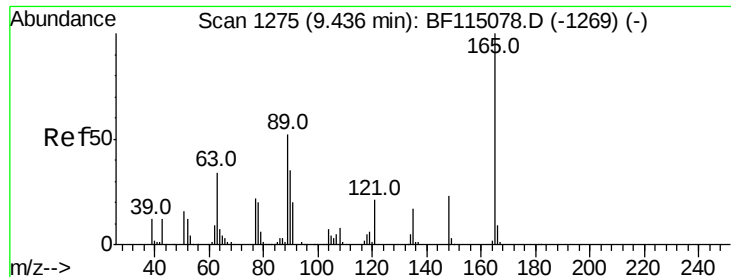
194 4.4 3.2 4.8

164 10.4 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

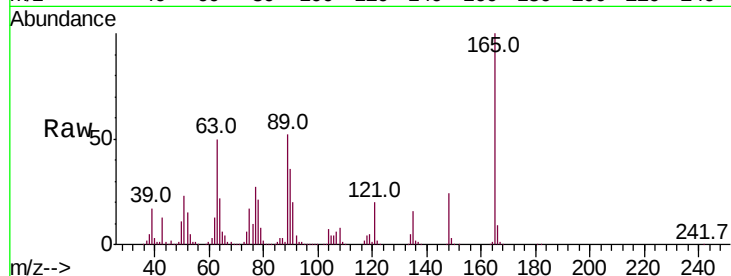




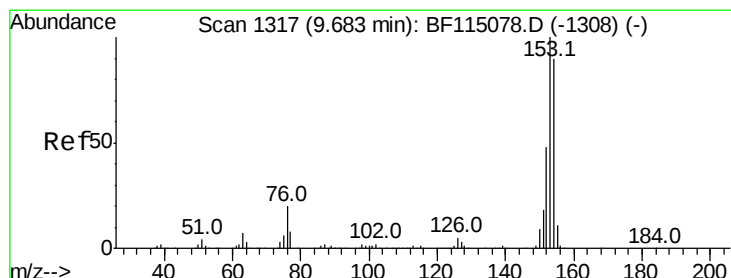
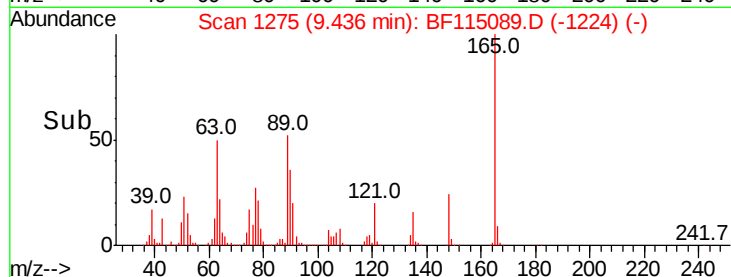
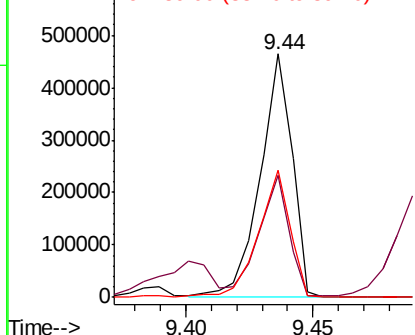
#51
 2,6-Dinitrotoluene
 Concen: 44.729 ng
 RT: 9.44 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 412089
 Ion Ratio Lower Upper
 165 100
 63 50.2 39.4 59.2
 89 52.1 42.0 63.0

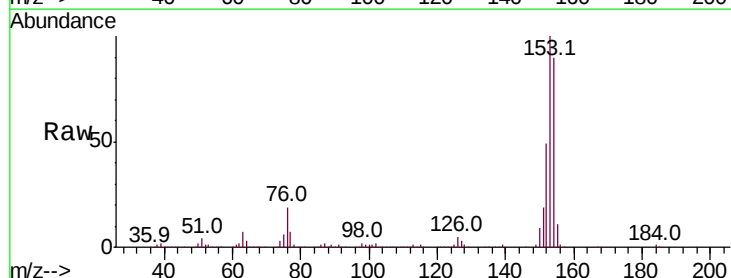


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

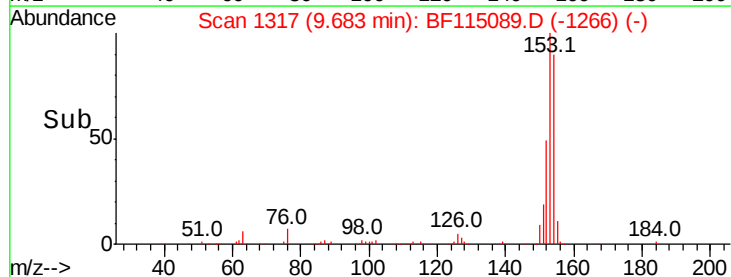
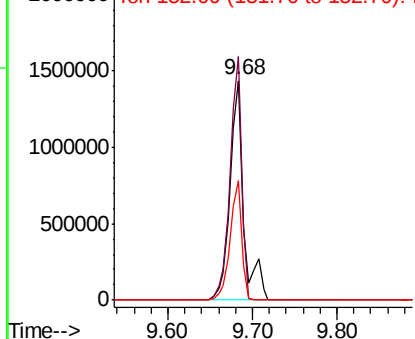


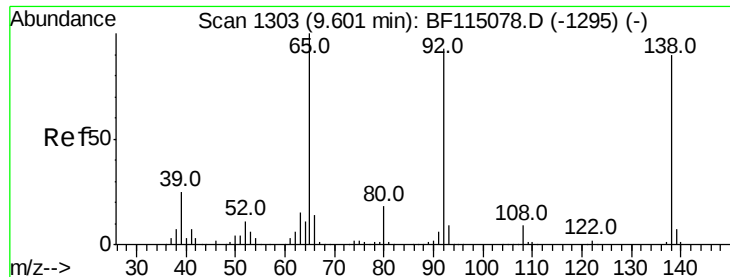
#52
 Acenaphthene
 Concen: 46.434 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Tgt Ion:154 Resp: 1593698
 Ion Ratio Lower Upper
 154 100
 153 110.8 88.7 133.1
 152 54.1 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

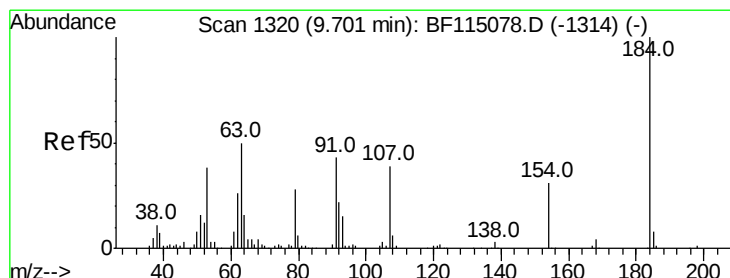
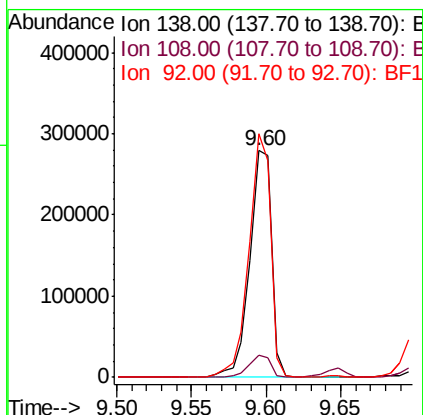
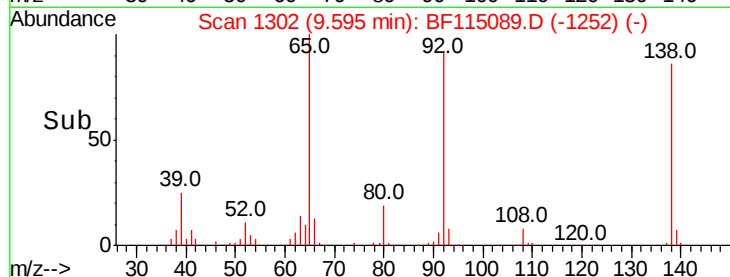
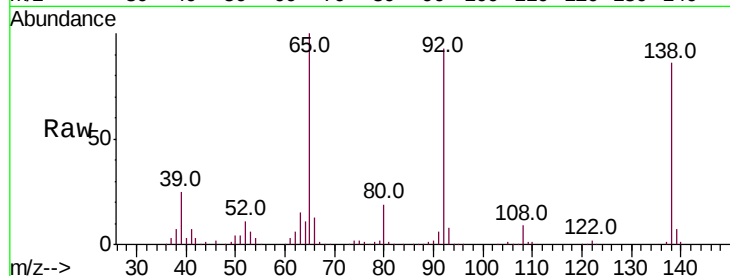




#53
 3-Nitroaniline
 Concen: 25.106 ng
 RT: 9.60 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

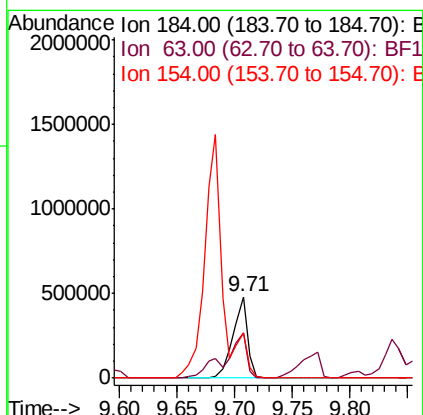
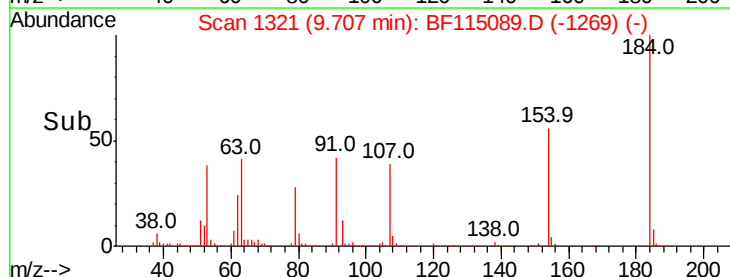
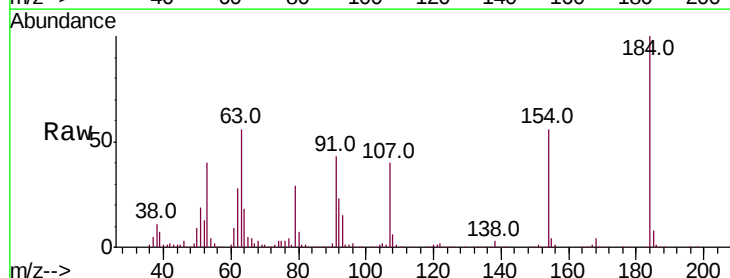
Instrument :
 BNA_F
 ClientSampleId :

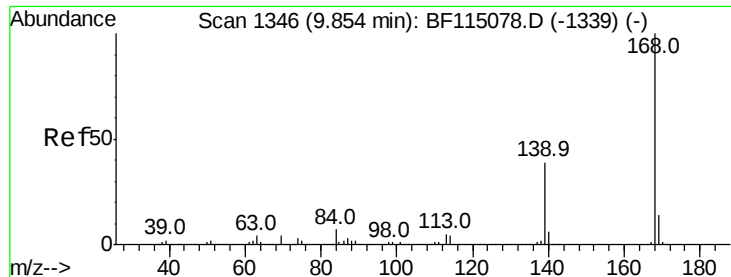
Tot Ion:138 Resp: 282261
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.8 11.6
 92 107.5 82.9 124.3



#54
 2,4-Dinitrophenol
 Concen: 88.567 ng
 RT: 9.71 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Tgt Ion:184 Resp: 423979
 Ion Ratio Lower Upper
 184 100
 63 55.7 41.9 62.9
 154 56.3 44.7 67.1



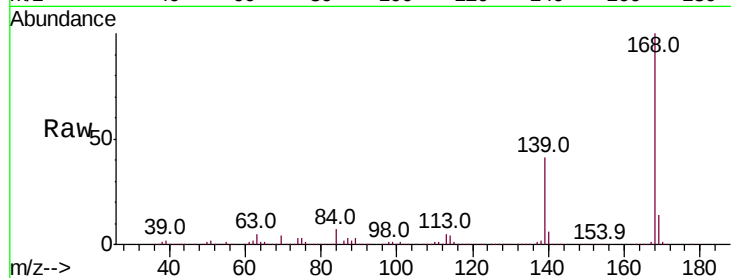


#55
 Dibenzofuran
 Concen: 41.254 ng
 RT: 9.85 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

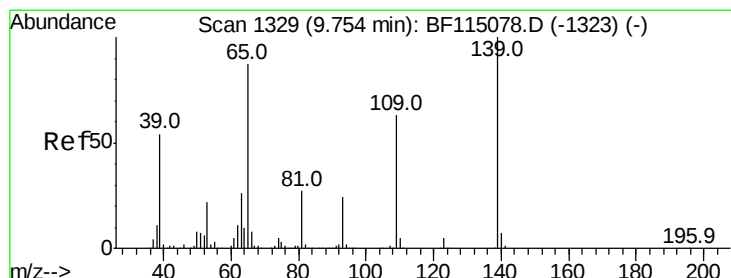
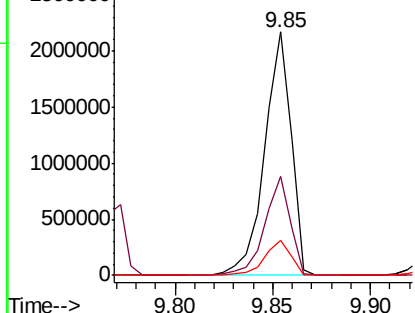
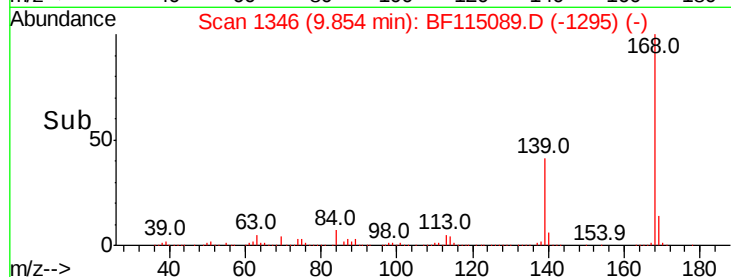
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:168 Resp: 2032244

Ion	Ratio	Lower	Upper
168	100		
139	40.7	31.1	46.7
169	14.5	11.3	16.9



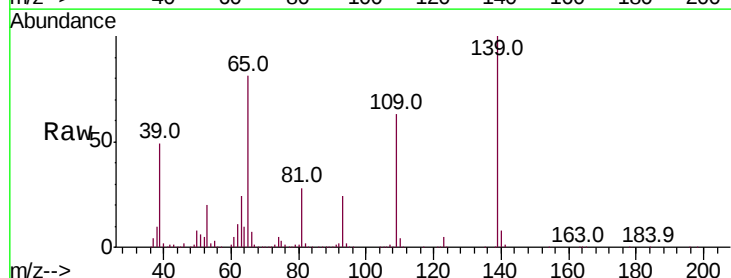
Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E



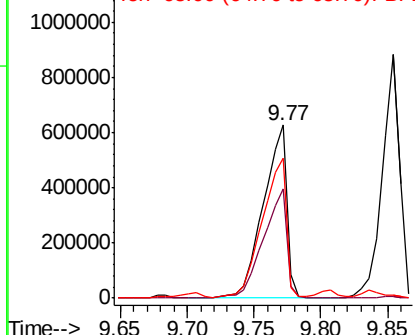
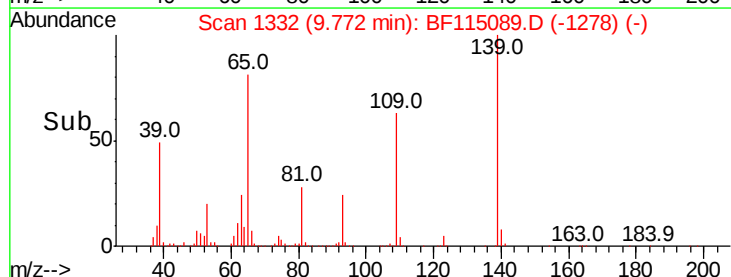
#56
 4-Nitrophenol
 Concen: 84.271 ng
 RT: 9.77 min Scan# 1332
 Delta R.T. 0.02 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

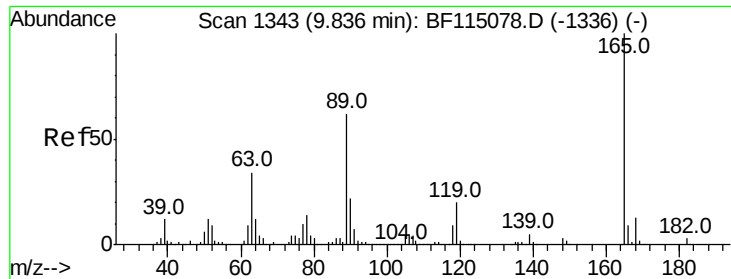
Tgt Ion:139 Resp: 759581

Ion	Ratio	Lower	Upper
139	100		
109	63.1	43.0	83.0
65	80.9	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

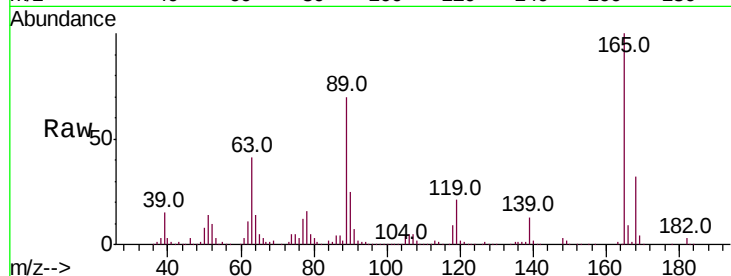




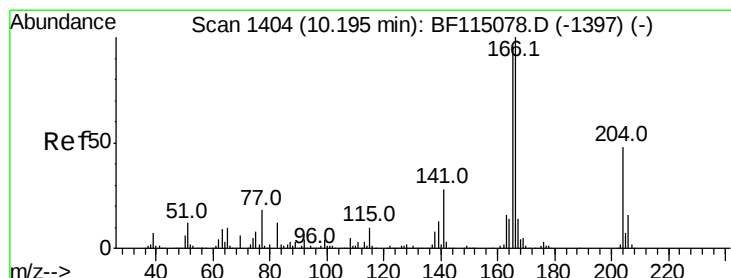
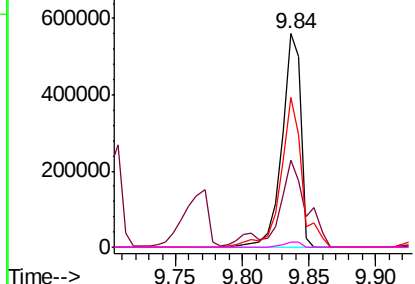
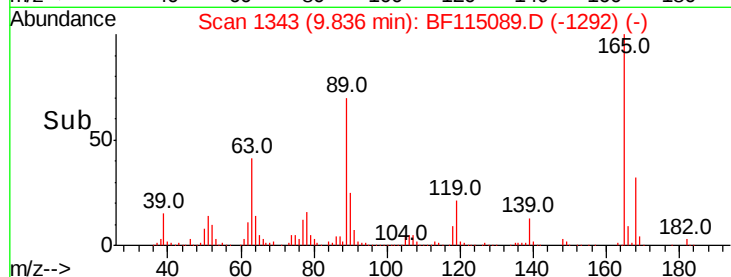
#57
2,4-Dinitrotoluene
Concen: 46.652 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 554972
Ion Ratio Lower Upper
165 100
63 41.0 27.5 41.3
89 70.1 49.9 74.9
182 2.6 2.1 3.1

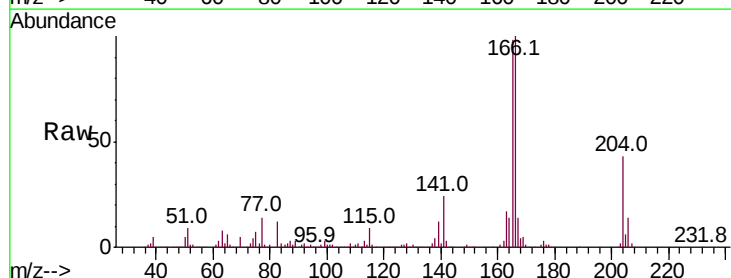


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

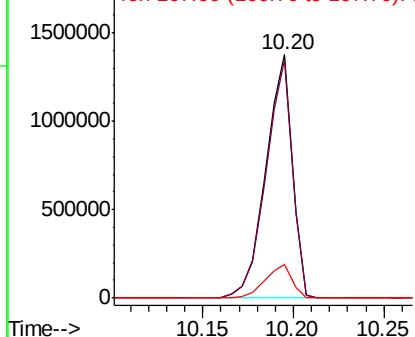
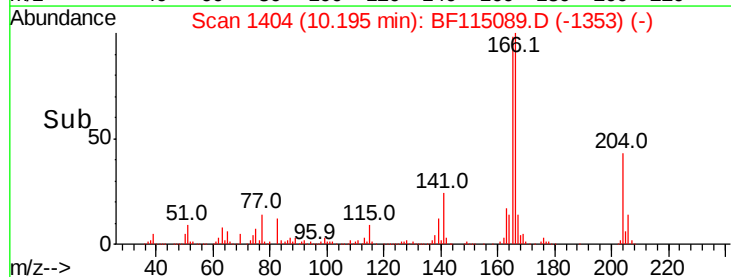


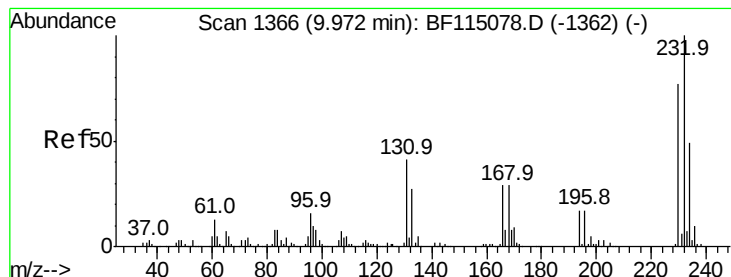
#58
Fluorene
Concen: 41.918 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion:166 Resp: 1389632
Ion Ratio Lower Upper
166 100
165 97.8 76.5 114.7
167 13.6 11.0 16.4



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.009 ng

RT: 9.97 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 470130

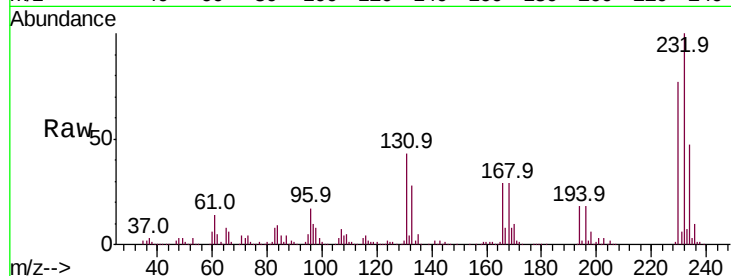
Ion Ratio Lower Upper

232 100

131 45.9 37.4 56.0

130 2.2 1.8 2.6

166 30.3 24.6 36.8

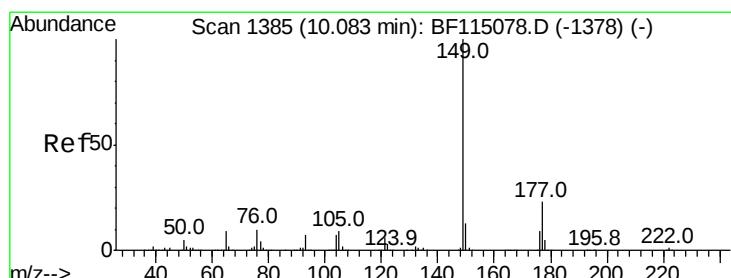
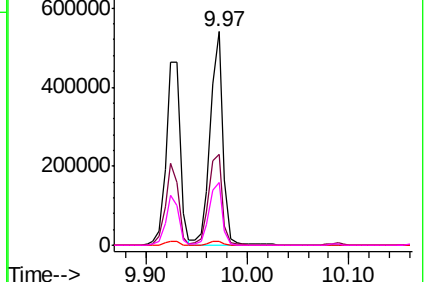
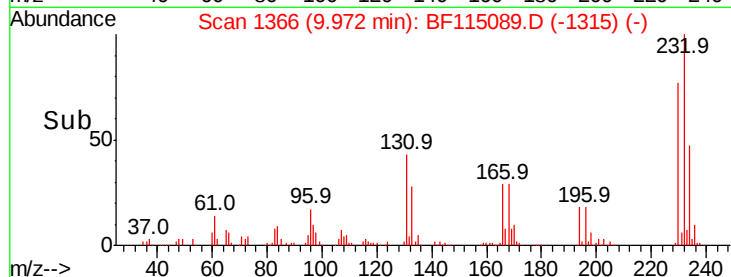


Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.172 ng

RT: 10.09 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

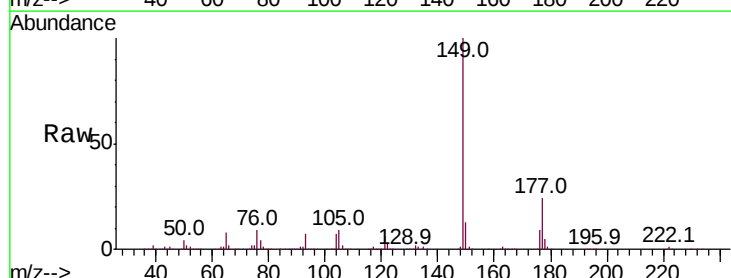
Tgt Ion:149 Resp: 1731791

Ion Ratio Lower Upper

149 100

177 24.0 18.7 28.1

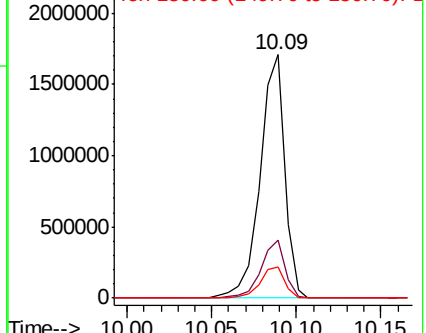
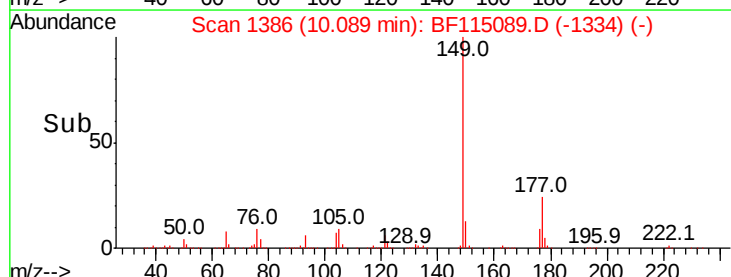
150 13.0 10.4 15.6

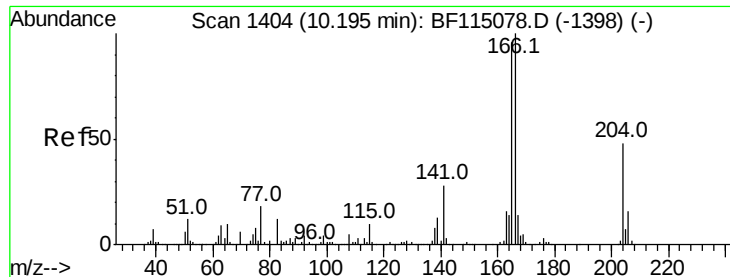


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

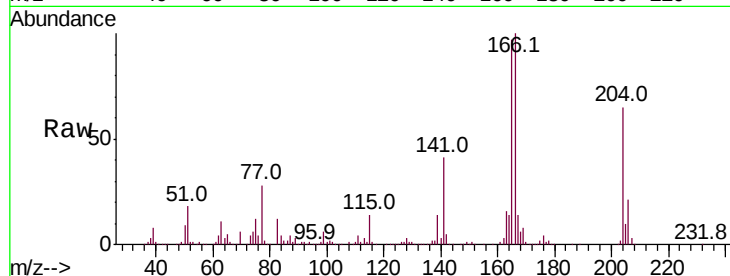




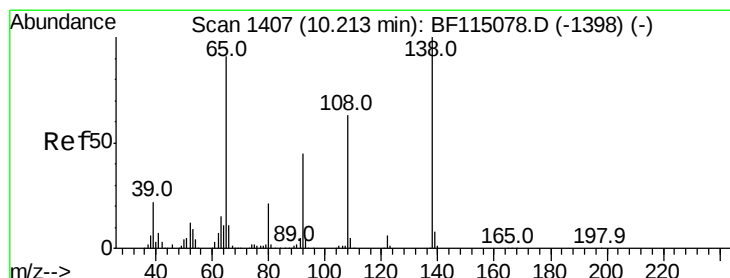
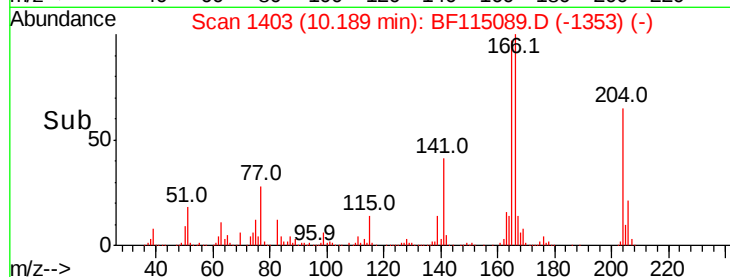
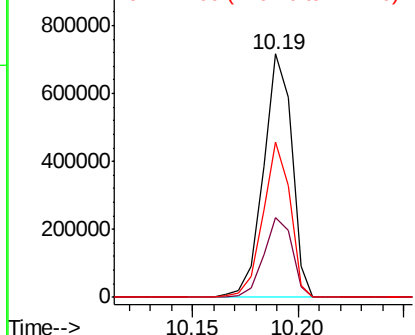
#61
4-Chlorophenyl-phenylether
Concen: 42.776 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 671959
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 63.7 46.7 70.1

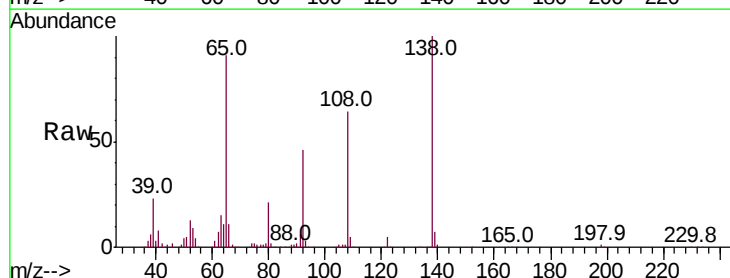


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

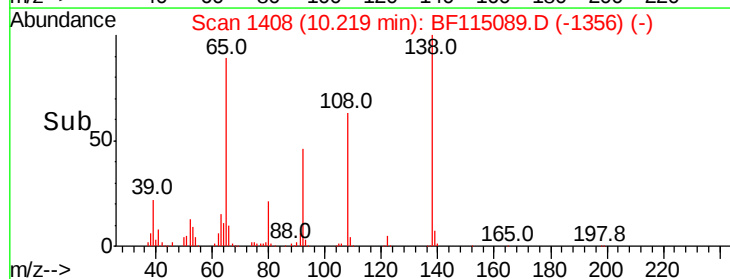
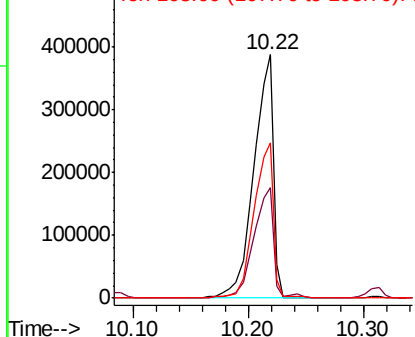


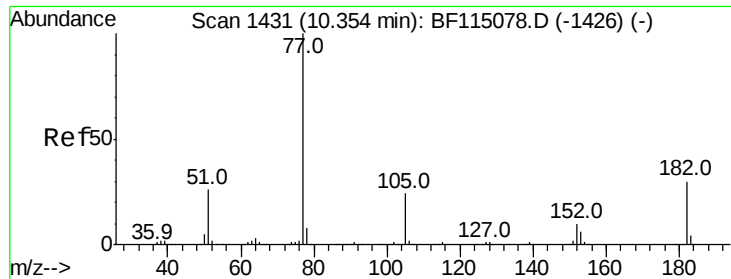
#62
4-Nitroaniline
Concen: 40.649 ng
RT: 10.22 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion:138 Resp: 458473
Ion Ratio Lower Upper
138 100
92 45.5 24.8 64.8
108 63.8 43.3 83.3



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

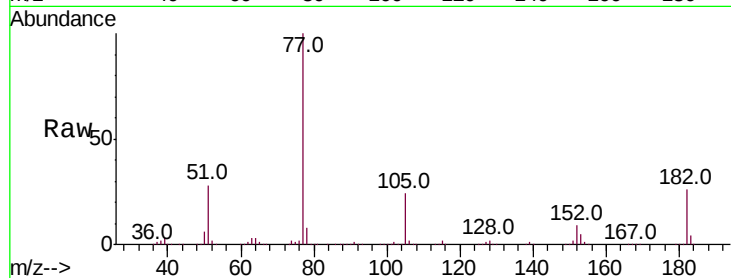




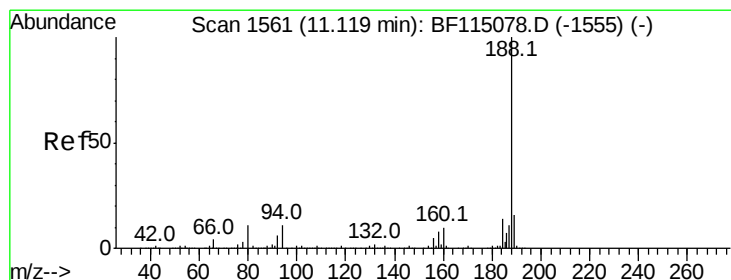
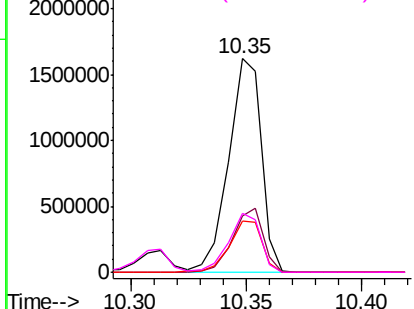
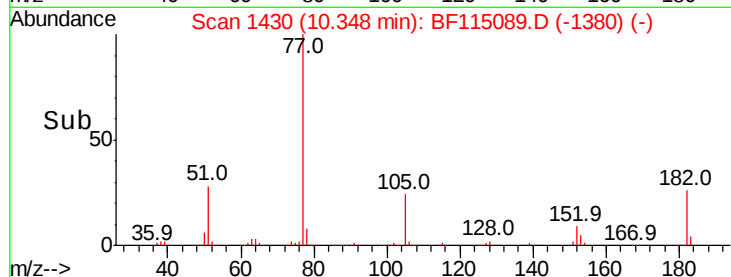
#63
Azobenzene
Concen: 42.670 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1598757
Ion Ratio Lower Upper
77 100
182 26.2 10.1 50.1
105 23.9 4.5 44.5
51 27.7 6.4 46.4

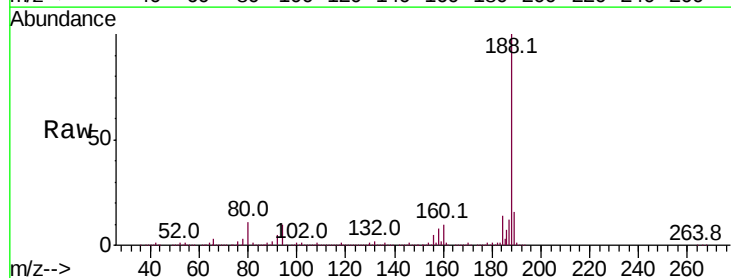


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

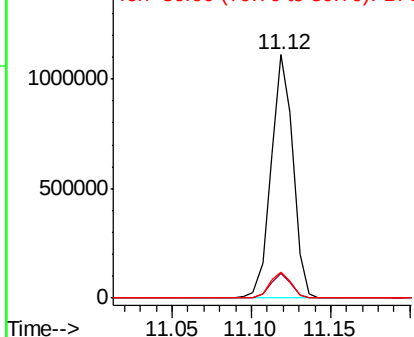
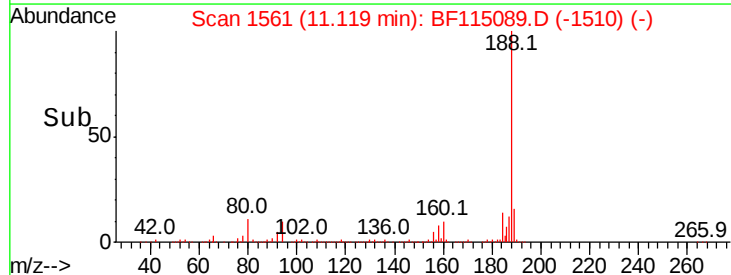


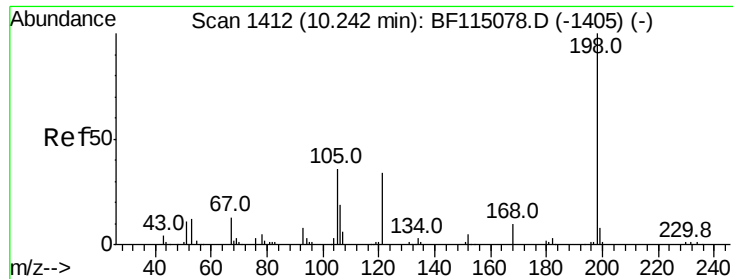
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion: 188 Resp: 1071623
Ion Ratio Lower Upper
188 100
94 10.2 8.6 12.8
80 10.8 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: 46.048 ng

RT: 10.24 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

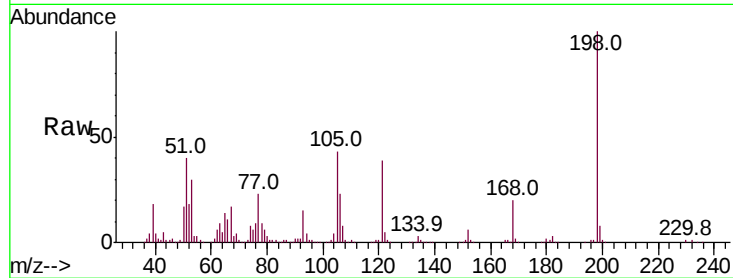
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 261283

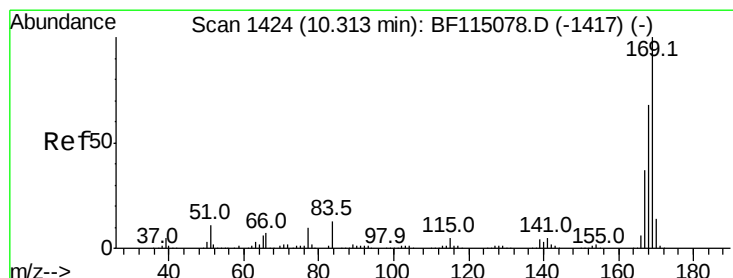
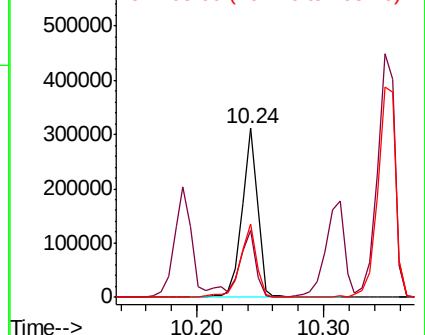
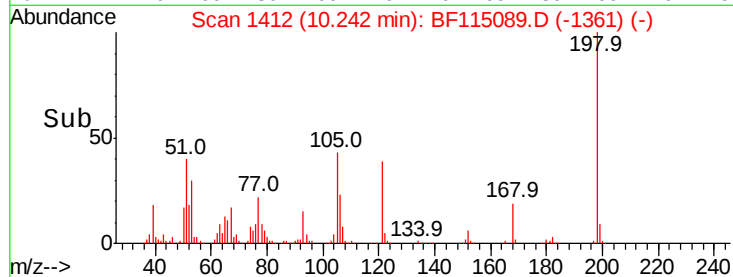
Ion	Ratio	Lower	Upper
198	100		
51	39.9	11.0	51.0
105	43.3	17.3	57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.715 ng

RT: 10.31 min Scan# 1424

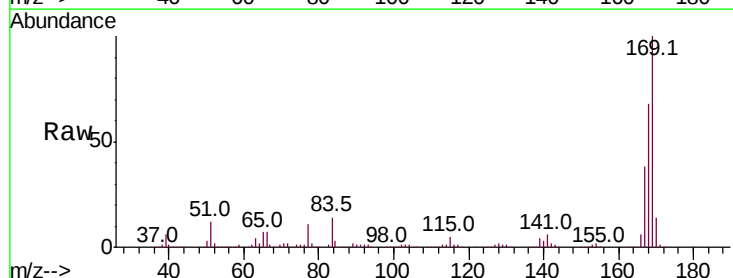
Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Tgt Ion:169 Resp: 1426085

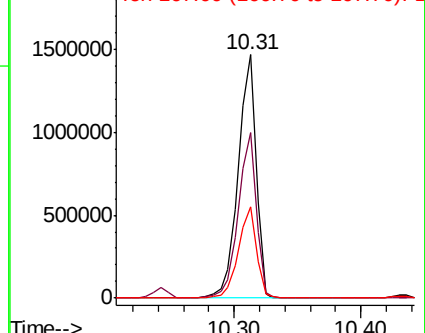
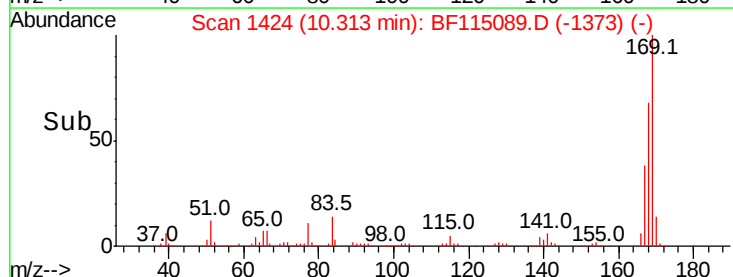
Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.2	81.4
167	37.6	29.4	44.0

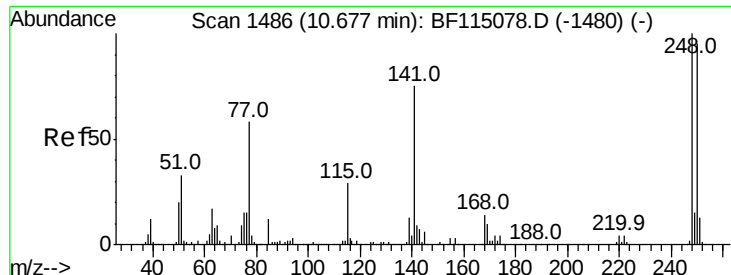


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

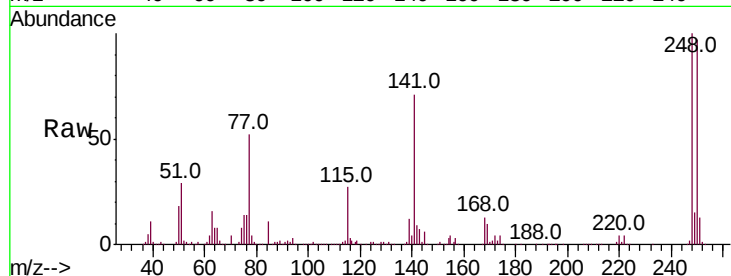




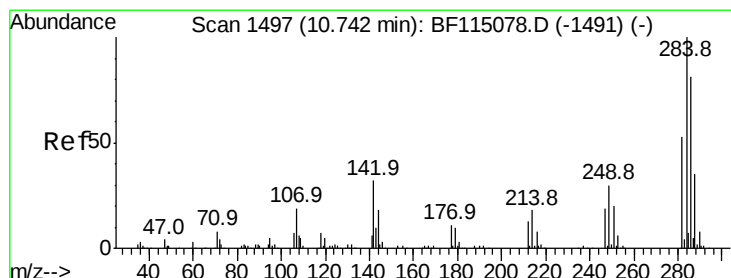
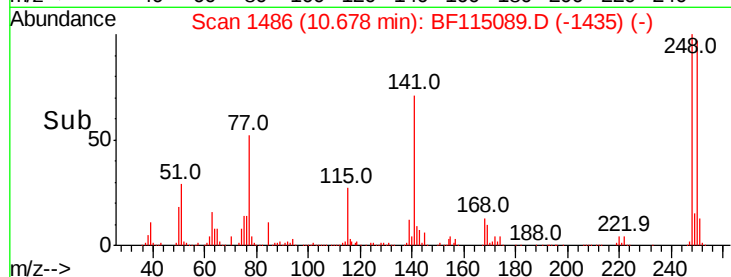
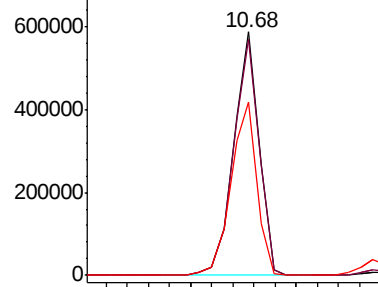
#67
 4-Bromophenyl-phenylether
 Concen: 42.315 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 491638
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.2 114.2
 141 71.0 59.6 89.4

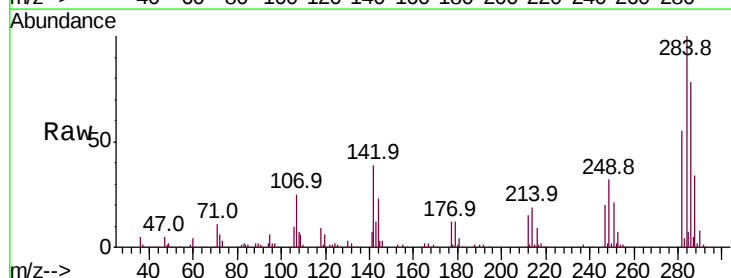


Abundance Ion 248.00 (247.70 to 248.70): E
 800000
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

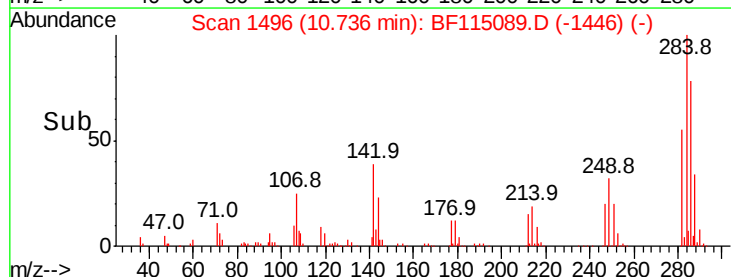
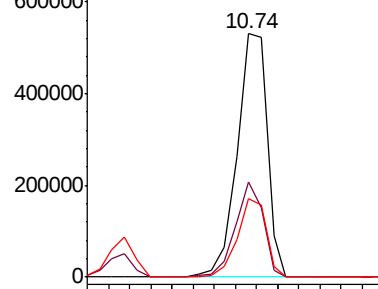


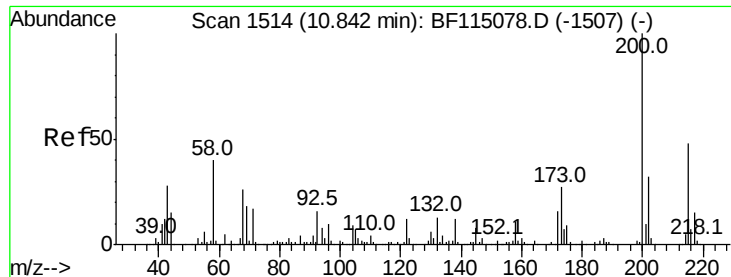
#68
 Hexachlorobenzene
 Concen: 41.804 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Tgt Ion:284 Resp: 527198
 Ion Ratio Lower Upper
 284 100
 142 39.2 25.8 38.8#
 249 32.3 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E
 600000
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

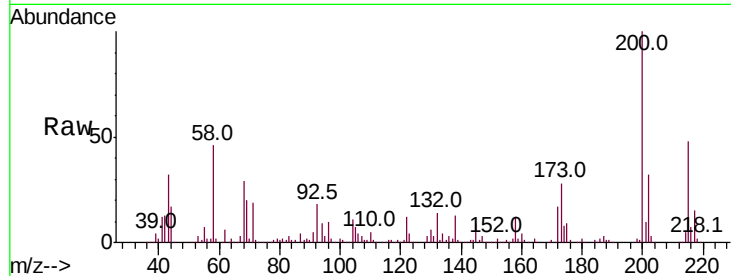




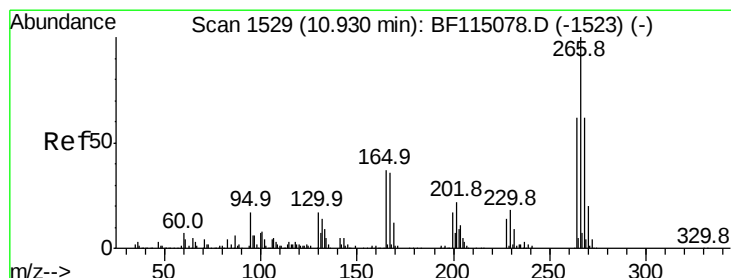
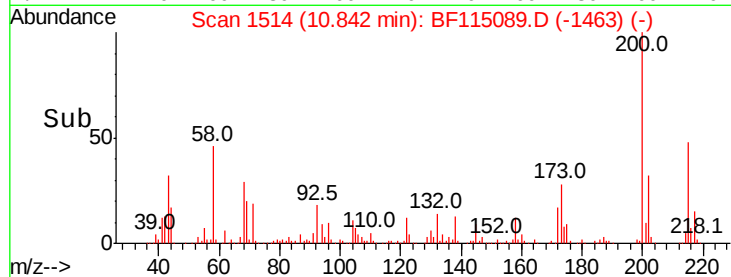
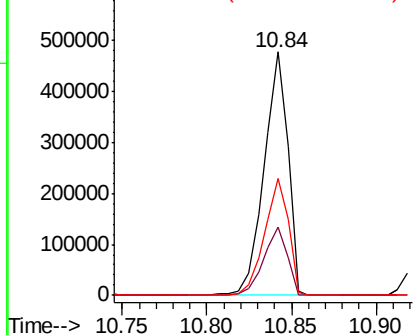
#69
Atrazine
Concen: 43.263 ng
RT: 10.84 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	7.4	47.4
215	48.0	27.8	67.8

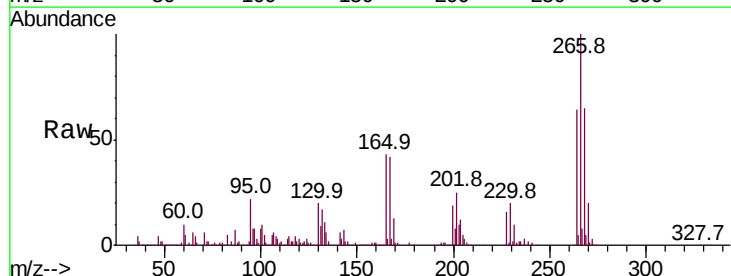


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

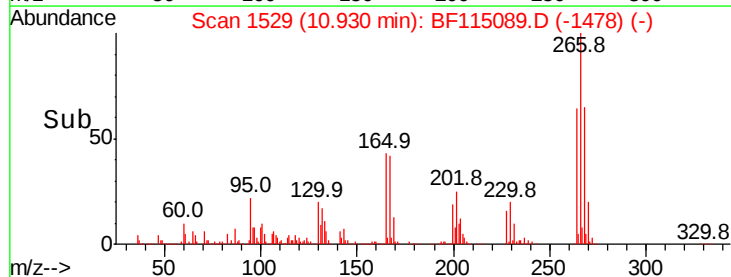
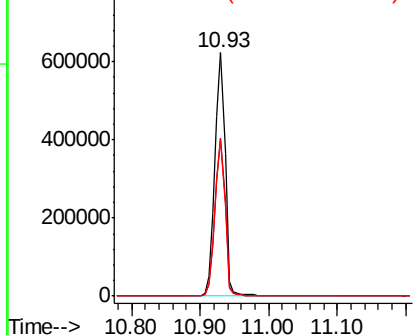


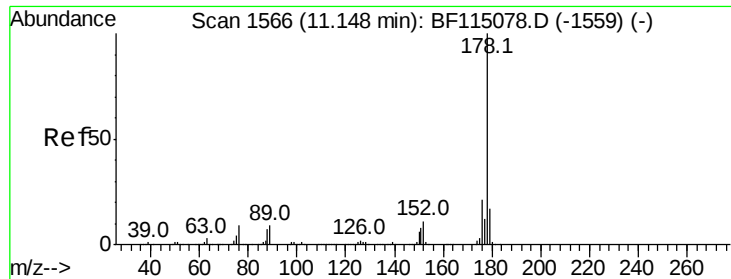
#70
Pentachlorophenol
Concen: 79.559 ng
RT: 10.93 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	49.5	74.3
264	64.1	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

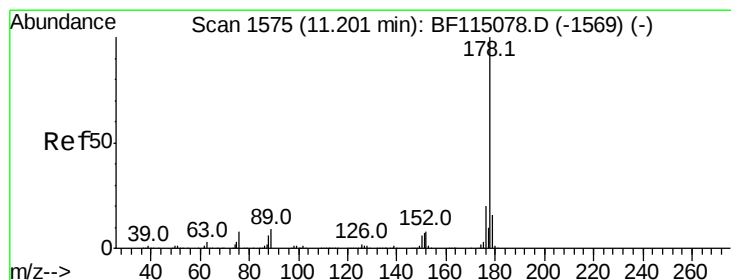
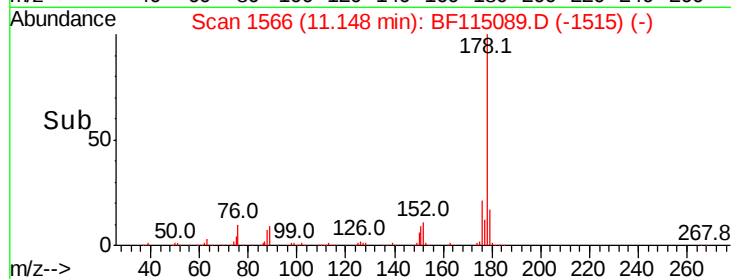
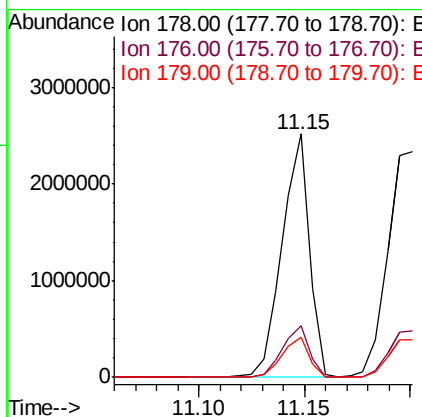
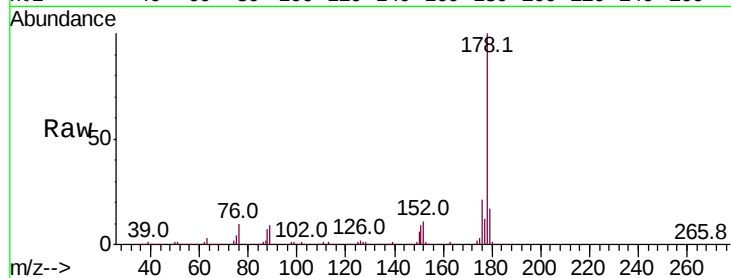




#71
Phenanthrene
Concen: 39.642 ng
RT: 11.15 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

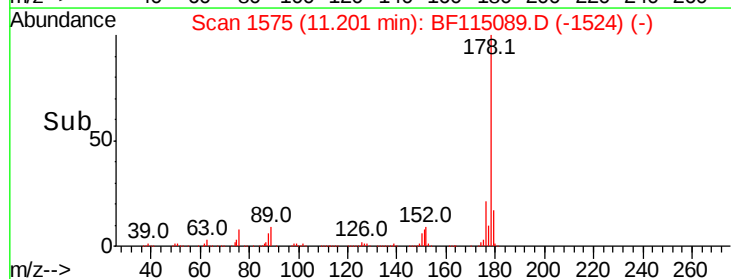
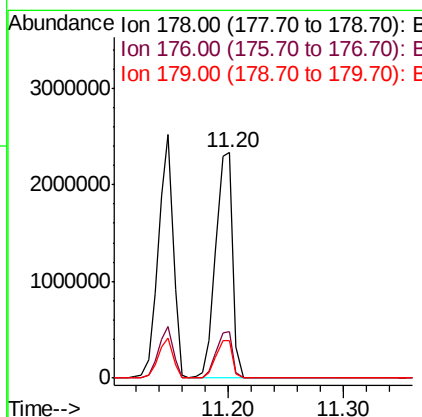
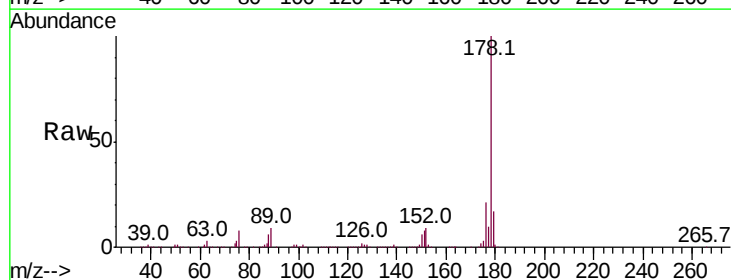
Instrument :
BNA_F
ClientSampleId :

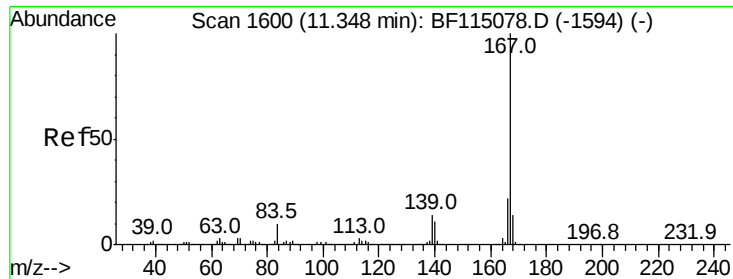
Tot Ion:178 Resp: 2287264
Ion Ratio Lower Upper
178 100
176 21.3 16.9 25.3
179 16.7 13.2 19.8



#72
Anthracene
Concen: 40.949 ng
RT: 11.20 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion:178 Resp: 2384925
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 16.5 12.9 19.3

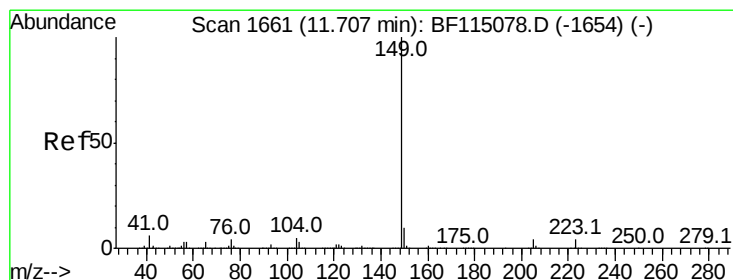
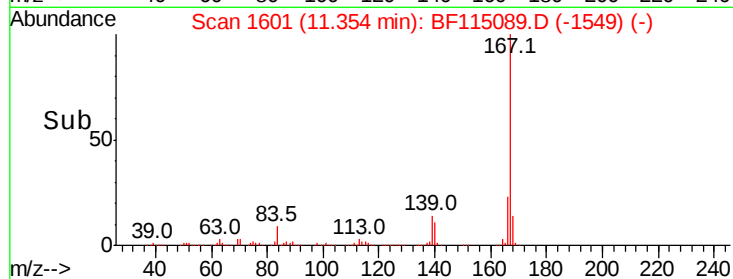
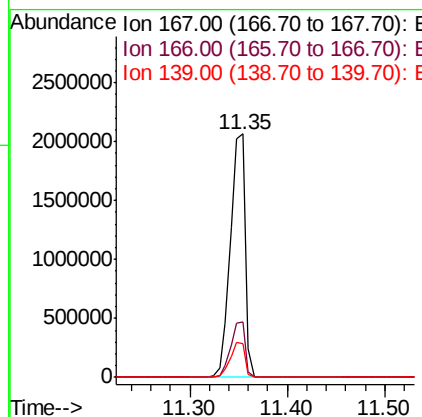
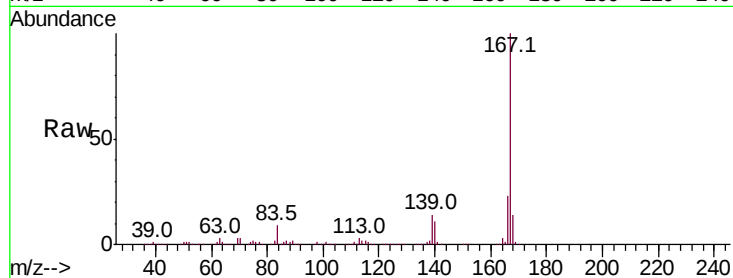




#73
 Carbazole
 Concen: 41.959 ng
 RT: 11.35 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

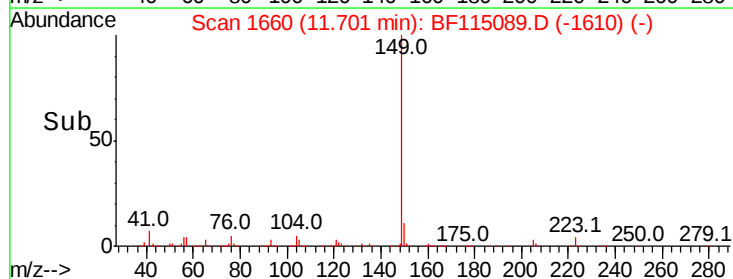
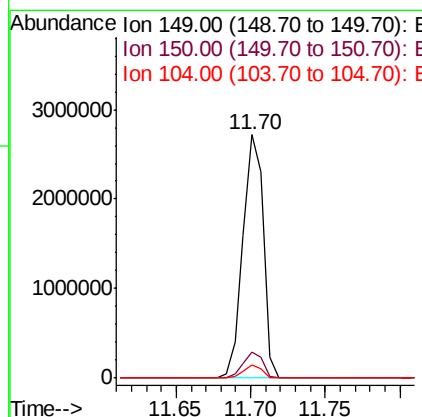
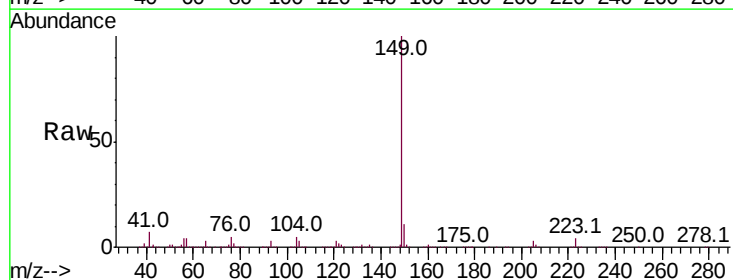
Instrument :
 BNA_F
 ClientSampleId :

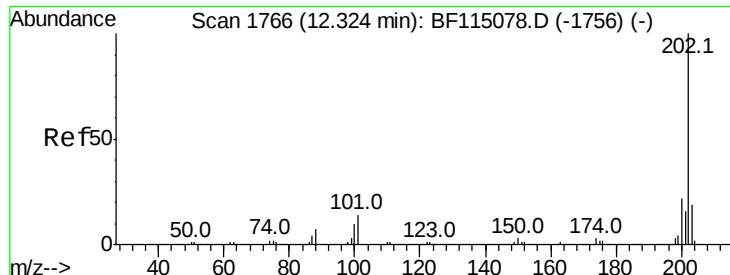
Tot Ion:167 Resp: 2182193
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.0 27.0
 139 14.1 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 43.038 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Tgt Ion:149 Resp: 2586515
 Ion Ratio Lower Upper
 149 100
 150 10.7 7.8 11.8
 104 5.3 3.7 5.5

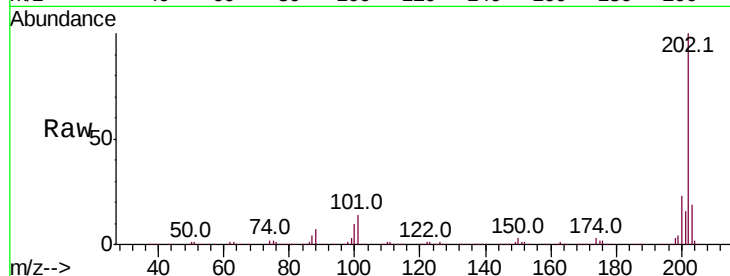




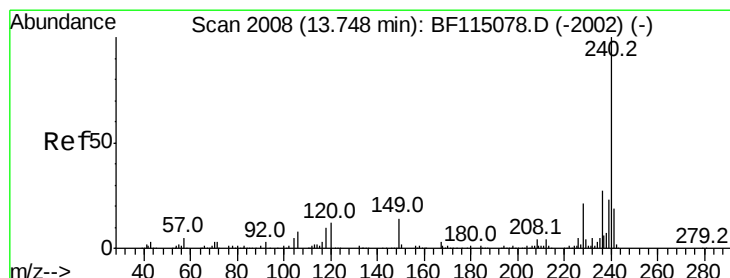
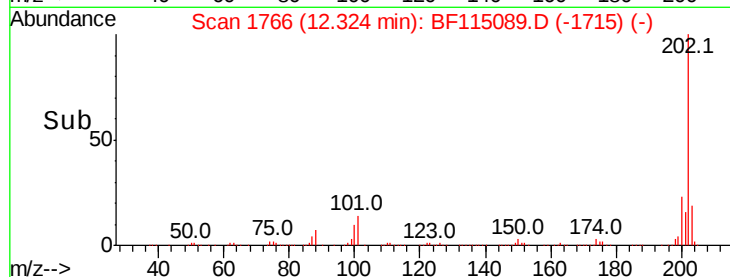
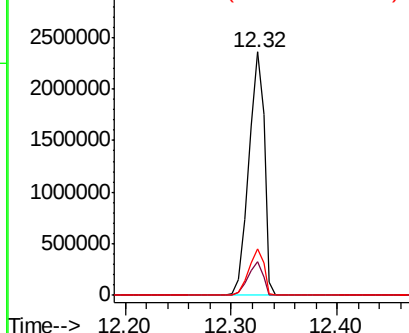
#75
 Fluoranthene
 Concen: 41.815 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2407196
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 34.0
 203 18.9 0.0 38.8

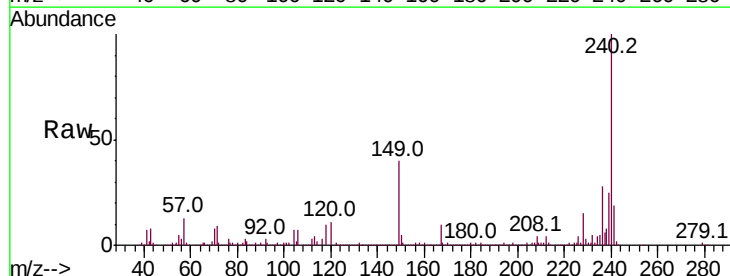


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

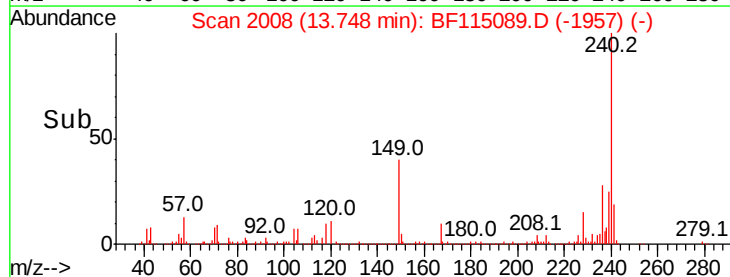
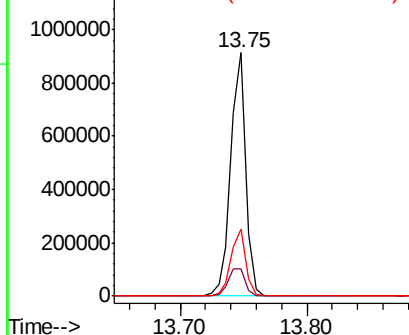


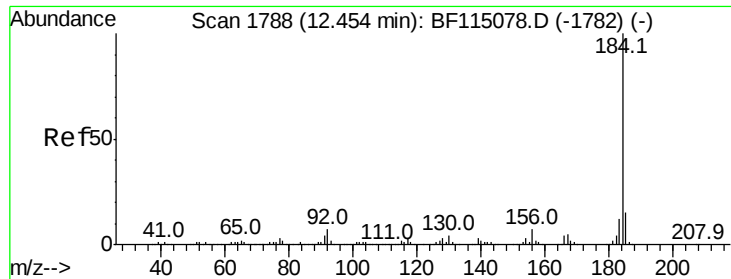
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Tgt Ion:240 Resp: 744469
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.4 14.2
 236 27.6 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: 15.314 ng

RT: 12.45 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

ClientSampleId :

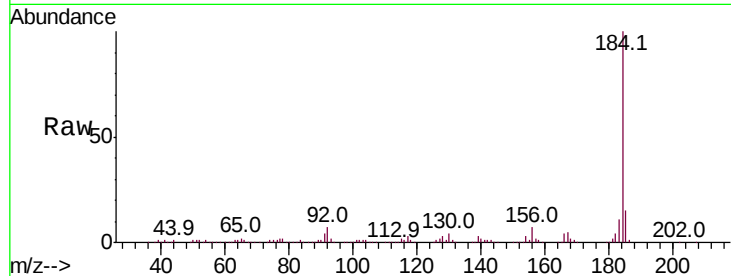
Tot Ion:184 Resp: 506235

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

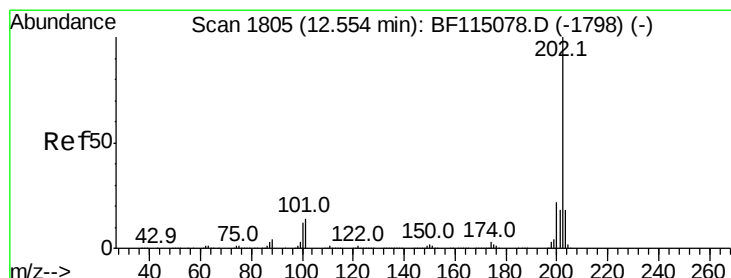
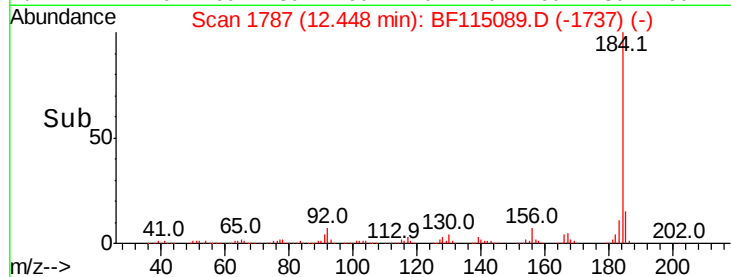
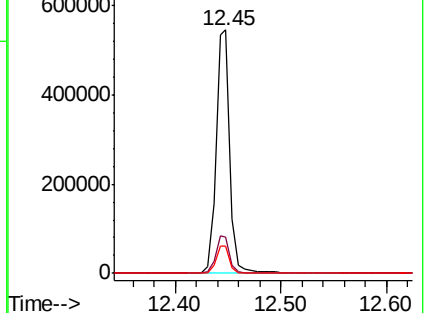
183 11.4 9.6 14.4



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: 42.504 ng

RT: 12.55 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

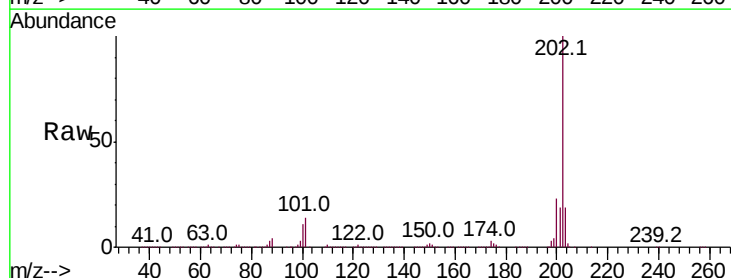
Tgt Ion:202 Resp: 2431773

Ion Ratio Lower Upper

202 100

200 23.3 17.9 26.9

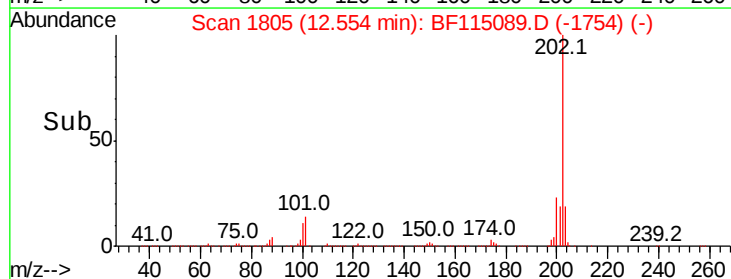
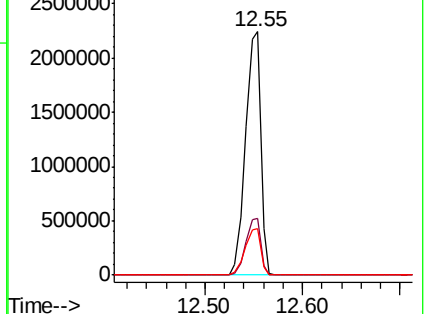
203 19.1 14.6 21.8

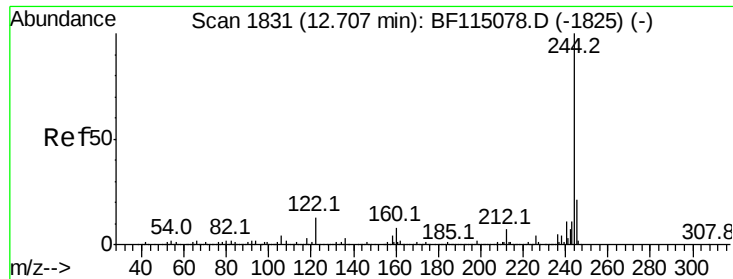


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

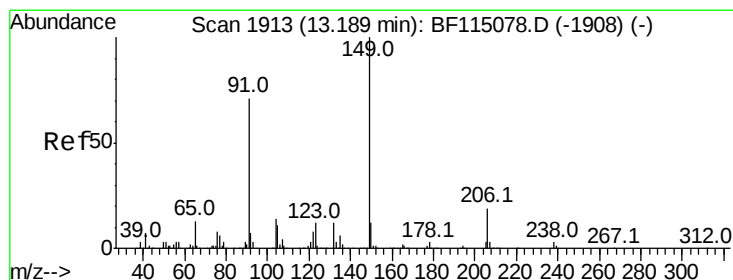
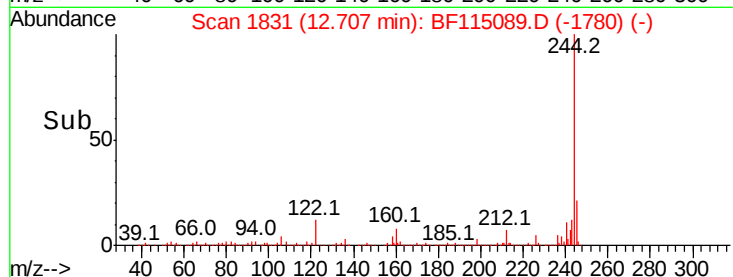
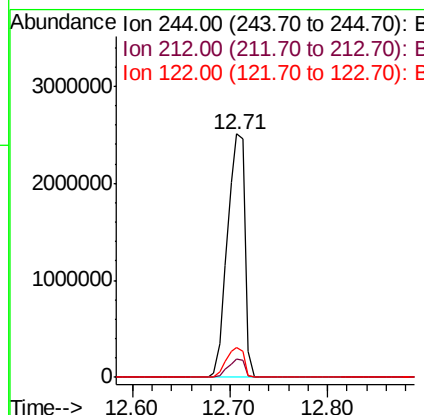
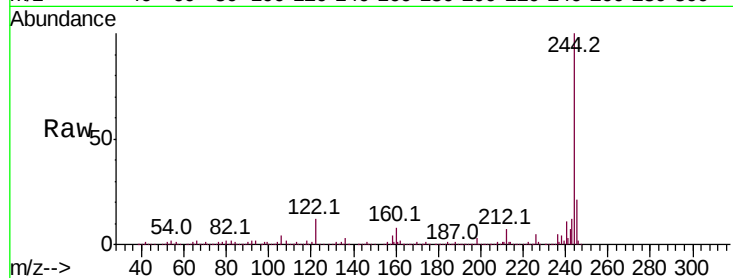




#79
 Terphenyl-d14
 Concen: 88.763 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

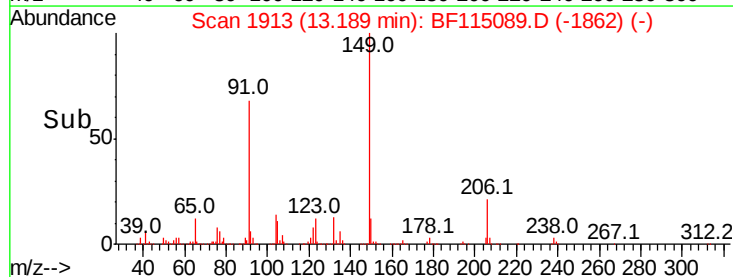
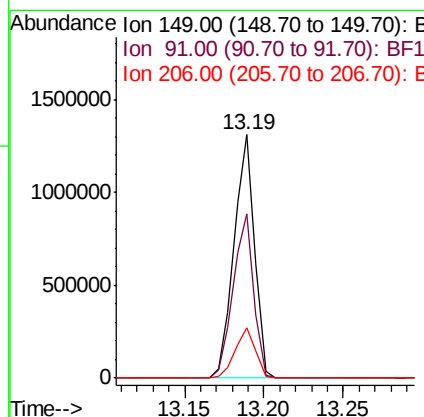
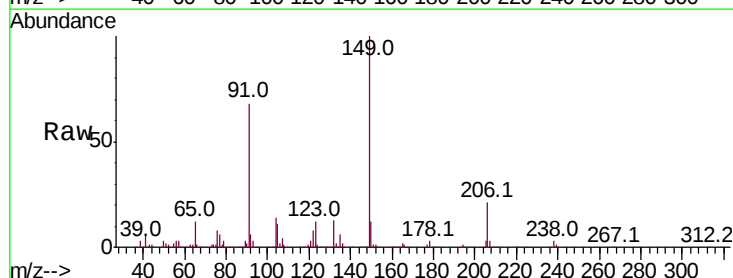
Instrument :
 BNA_F
 ClientSampleId :

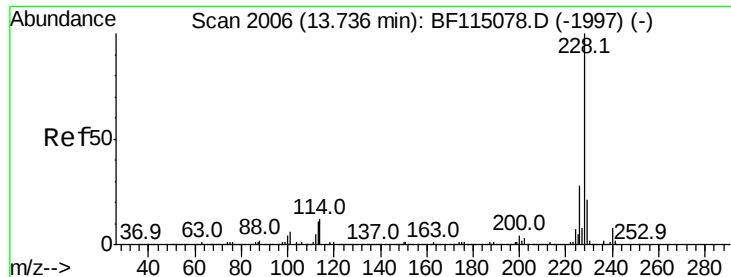
Tot Ion:244 Resp: 3108020
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 12.4 10.4 15.6



#80
 Butylbenzylphthalate
 Concen: 46.351 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Tgt Ion:149 Resp: 1170294
 Ion Ratio Lower Upper
 149 100
 91 67.7 56.5 84.7
 206 20.6 15.3 22.9





#81

Benzo(a)anthracene

Concen: 42.245 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

ClientSampled :

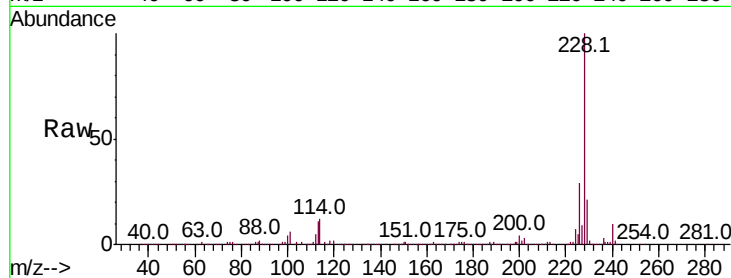
Tot Ion:228 Resp: 2256634

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.5	33.7
229	21.0	16.6	24.8

228 100

226 28.8 22.5 33.7

229 21.0 16.6 24.8

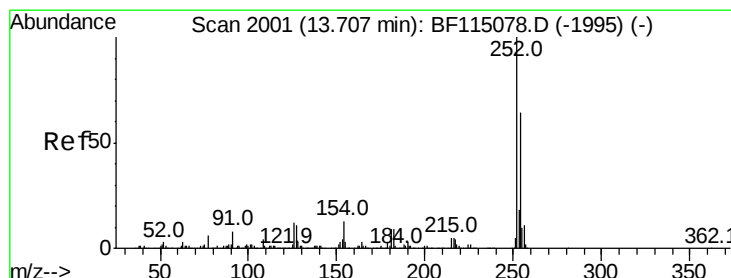
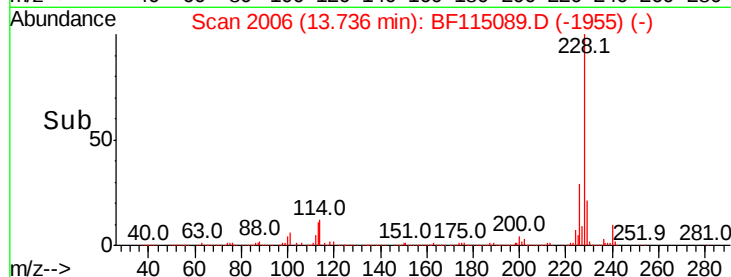
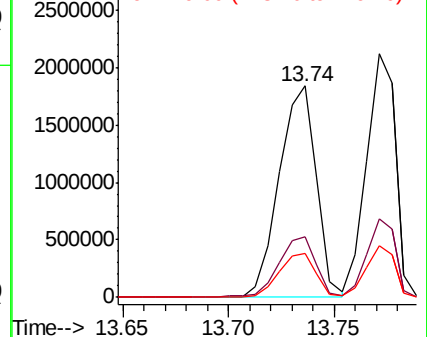


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.635 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

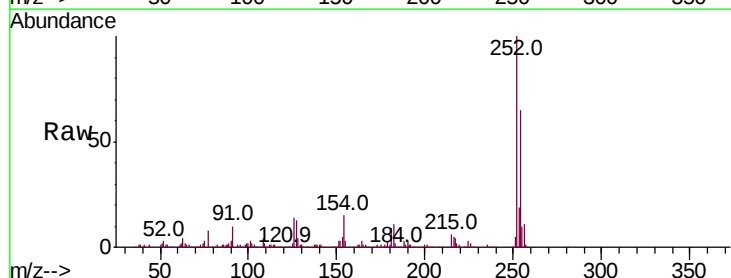
Tgt Ion:252 Resp: 533083

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.1	76.7
126	14.1	9.4	14.0#

252 100

254 65.0 51.1 76.7

126 14.1 9.4 14.0#

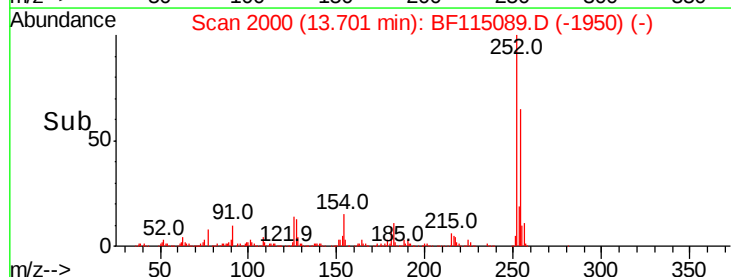
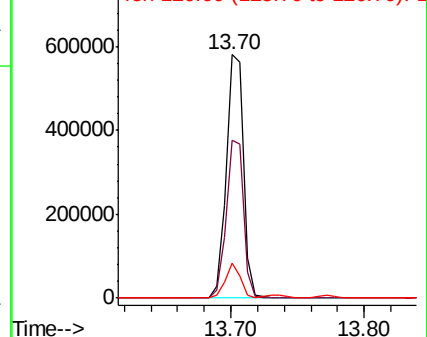


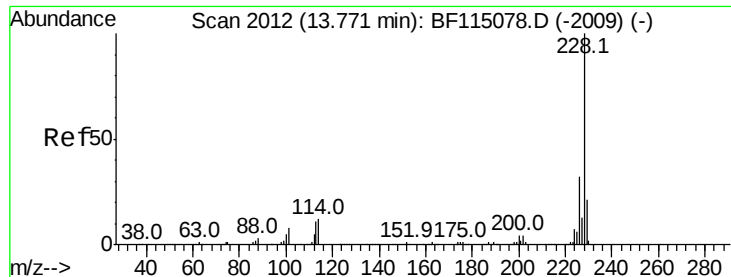
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 41.681 ng

RT: 13.77 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

ClientSampleId :

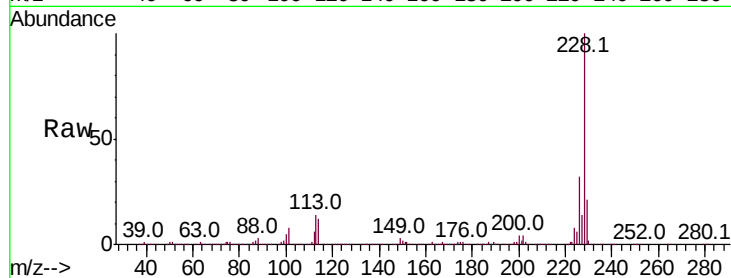
Tot Ion:228 Resp: 2039516

Ion Ratio Lower Upper

228 100

226 32.4 25.4 38.0

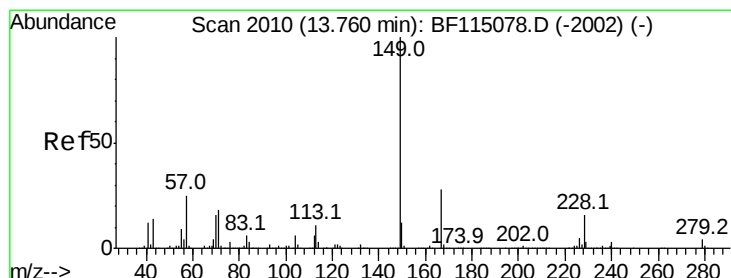
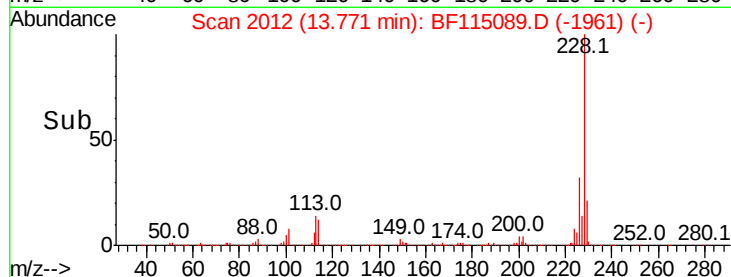
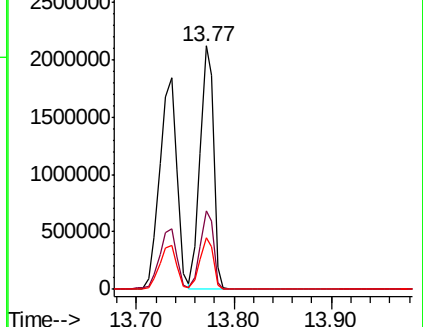
229 21.3 16.5 24.7



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: 45.523 ng

RT: 13.76 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

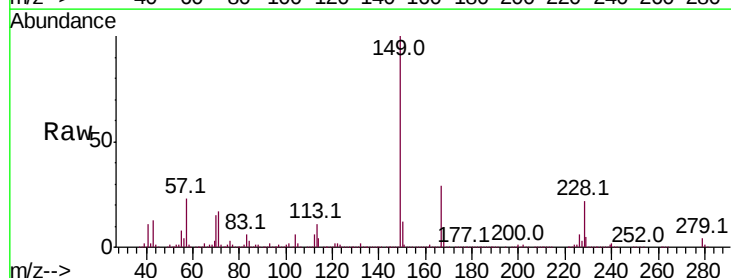
Tgt Ion:149 Resp: 1506074

Ion Ratio Lower Upper

149 100

167 28.8 22.2 33.4

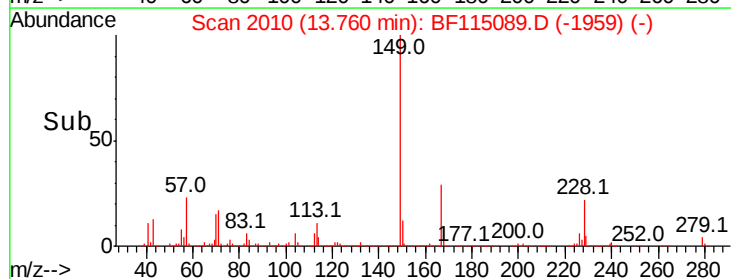
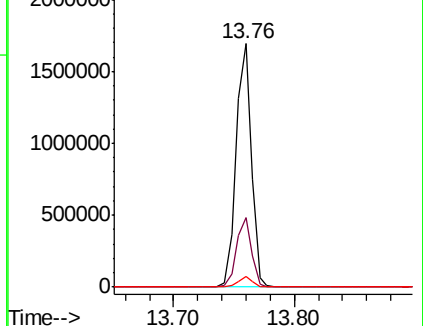
279 4.2 2.9 4.3

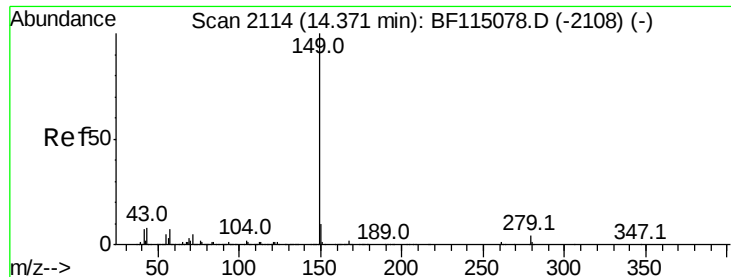


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

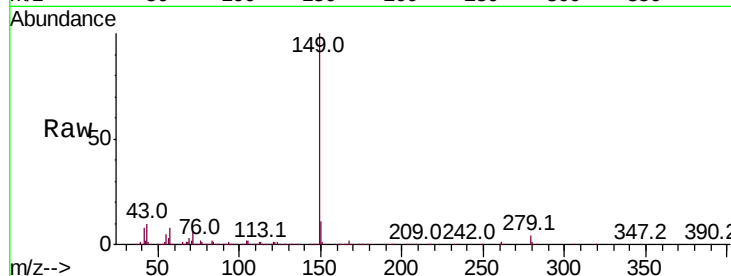




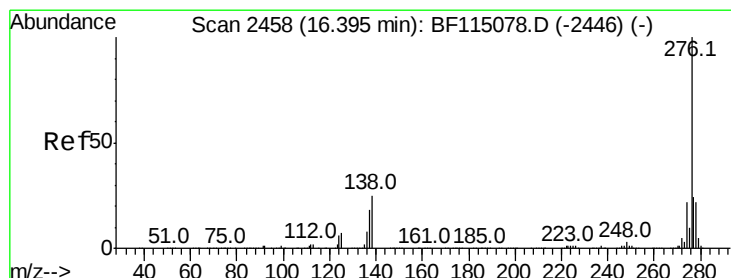
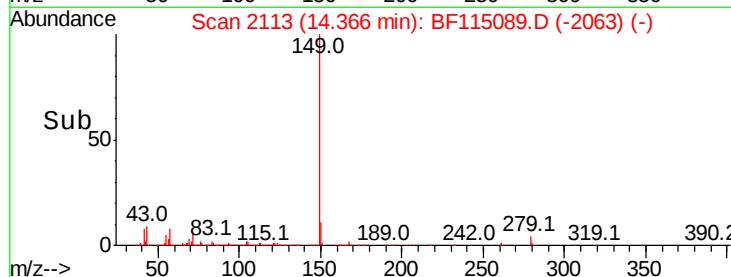
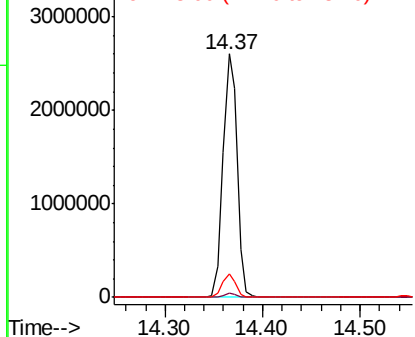
#85
Di-n-octyl phthalate
Concen: 46.783 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2600512
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.9 7.0 10.6

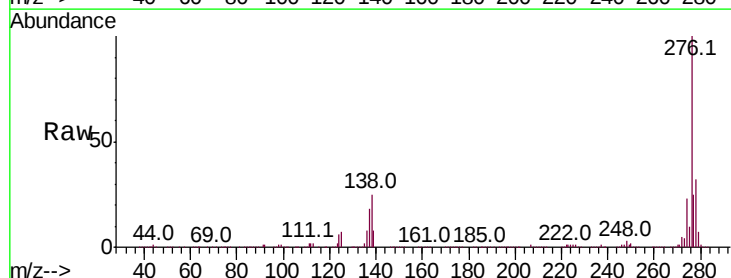


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

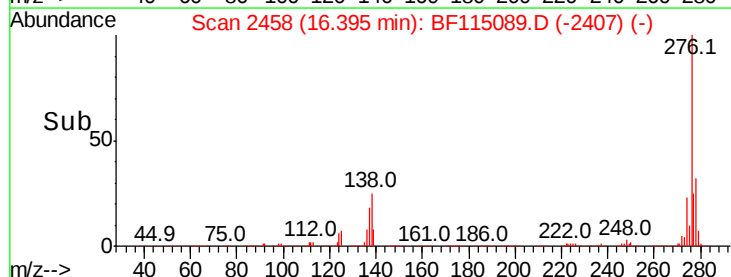
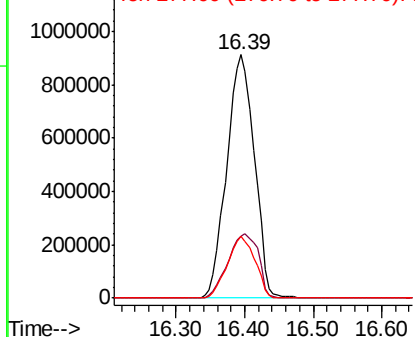


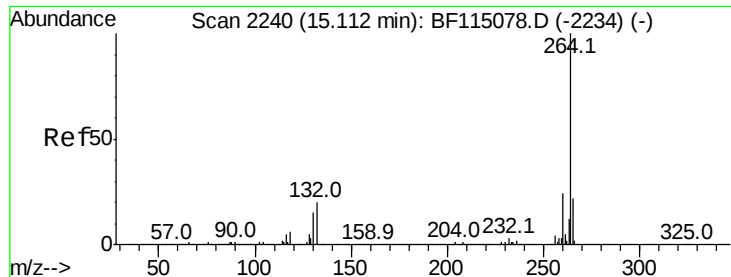
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.061 ng
RT: 16.39 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion:276 Resp: 2551161
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



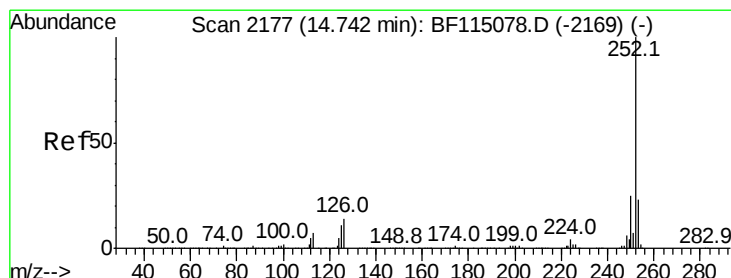
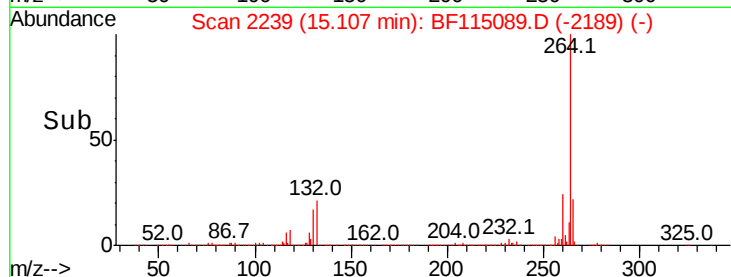
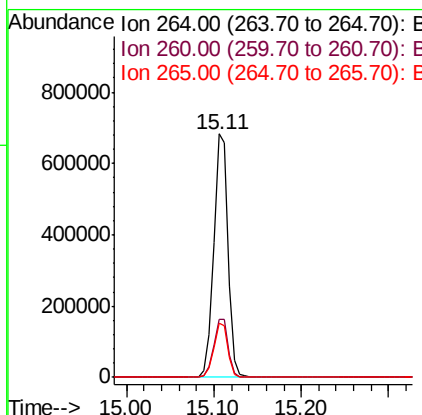
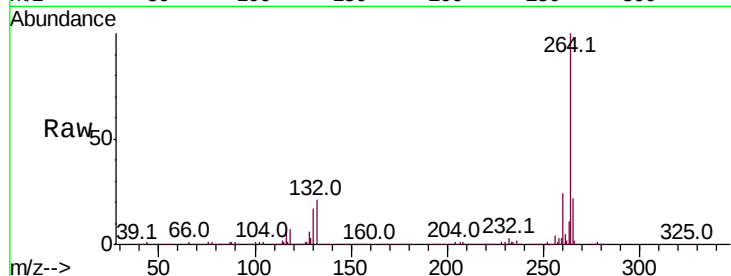


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 773880

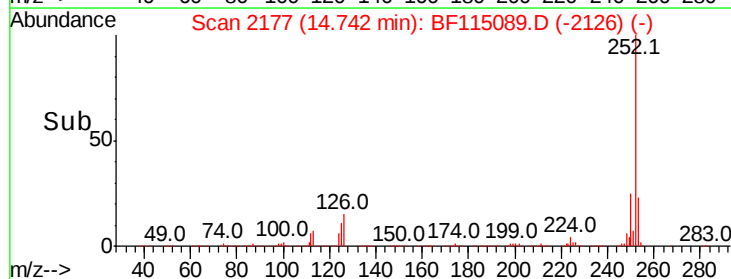
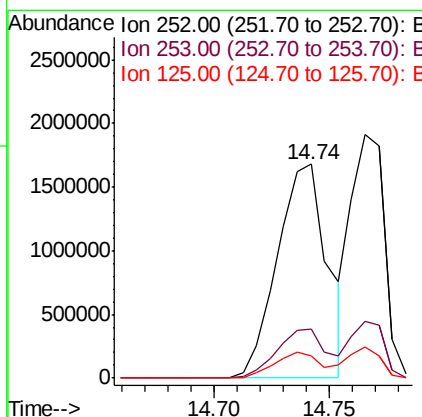
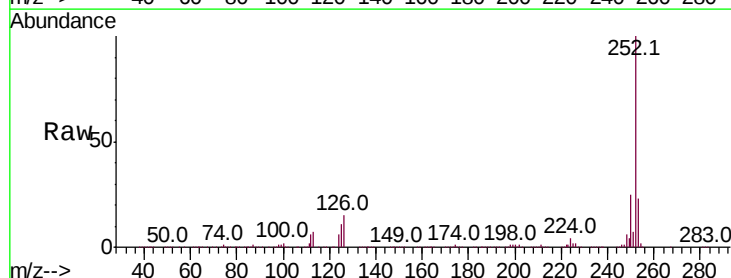
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	22.1	17.3	25.9

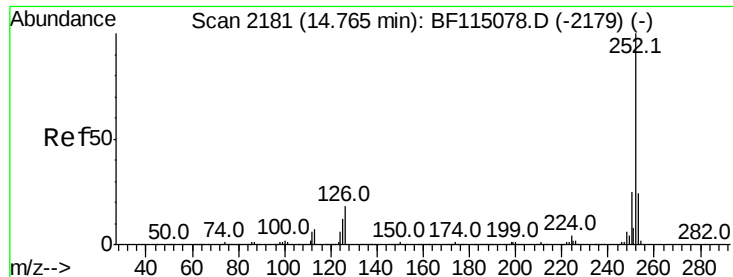


#88
Benzo(b)fluoranthene
Concen: 52.311 ng
RT: 14.74 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion:252 Resp: 2526002

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	10.6	8.7	13.1

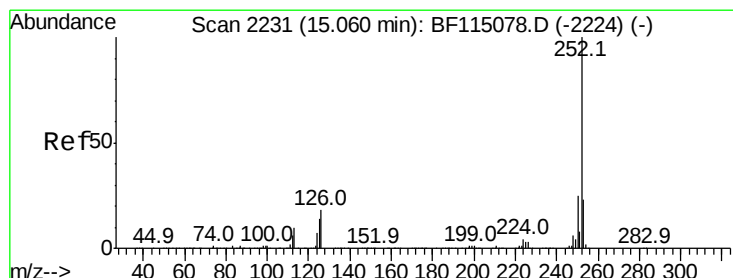
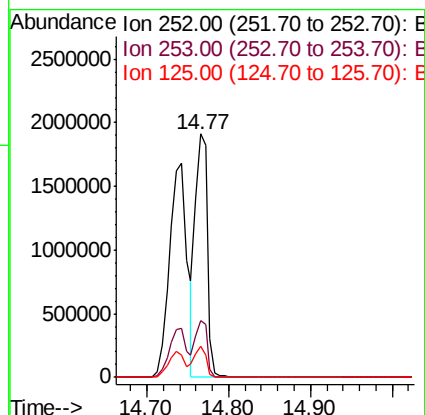
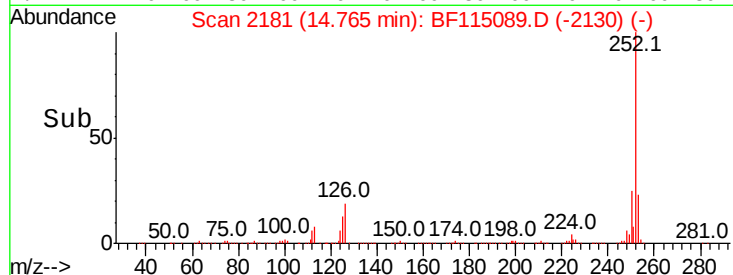
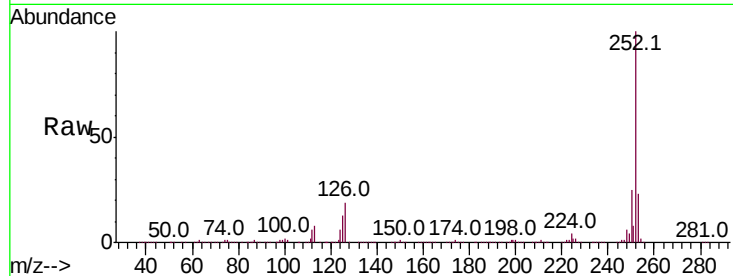




#89
Benzo(k)fluoranthene
Concen: 45.154 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

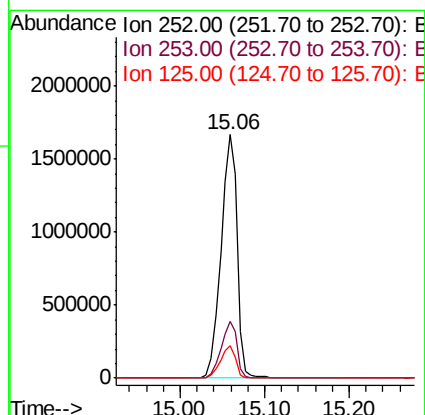
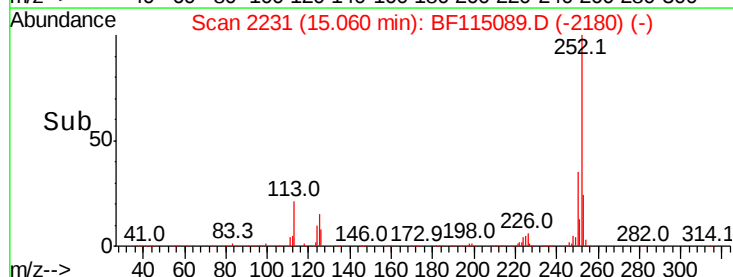
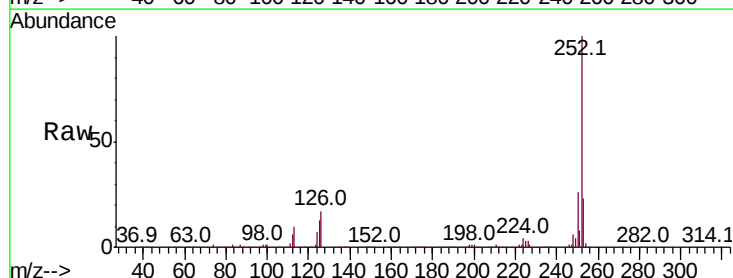
Instrument :
BNA_F
ClientSampleId :

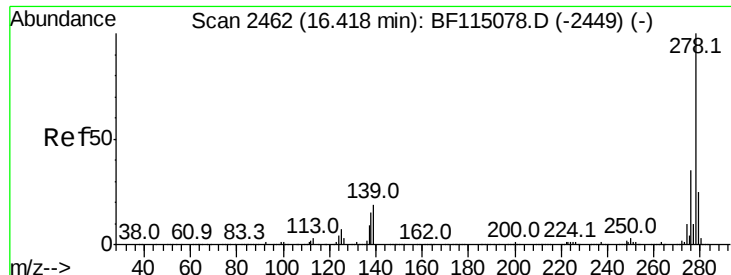
Tot Ion:252 Resp: 1955345
Ion Ratio Lower Upper
252 100
253 23.3 18.9 28.3
125 12.7 10.2 15.2



#90
Benzo(a)pyrene
Concen: 51.068 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion:252 Resp: 2222610
Ion Ratio Lower Upper
252 100
253 23.5 18.3 27.5
125 13.2 10.9 16.3

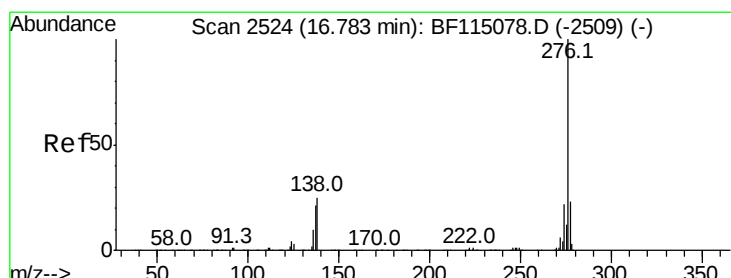
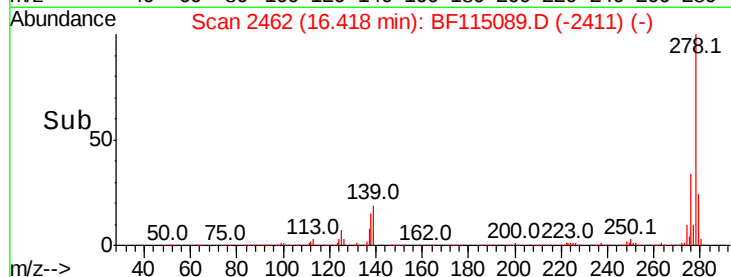
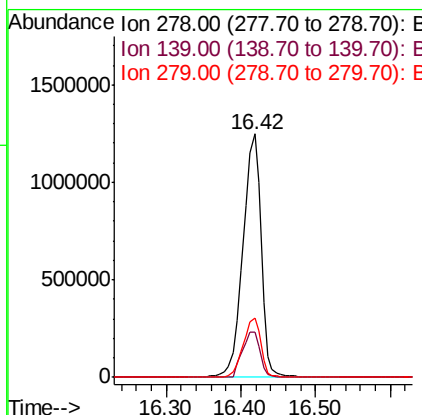
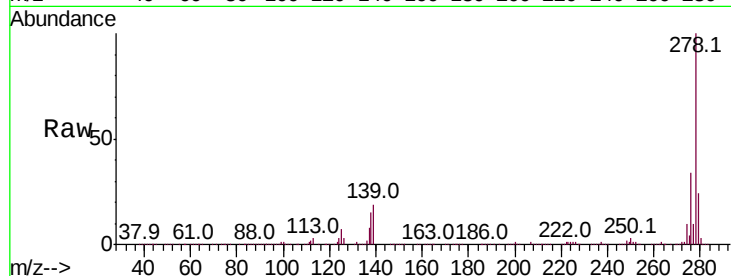




#91
Dibenzo(a,h)anthracene
Concen: 52.132 ng
RT: 16.42 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2118174
Ion Ratio Lower Upper
278 100
139 18.8 15.4 23.2
279 24.3 19.9 29.9



#92
Benzo(g,h,i)perylene
Concen: 52.406 ng
RT: 16.78 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion:276 Resp: 2155118
Ion Ratio Lower Upper
276 100
277 24.3 18.6 28.0
138 26.2 19.8 29.6

