

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
 Data File : BF116959.D
 Acq On : 11 Sep 2019 21:08
 Operator : HP/JU
 Sample : K4786-11MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 07:05:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	63817	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	253946	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	128772	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	217766	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	192303	20.00	ng	-0.01
87) Perylene-d12	15.42	264	202635	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	392314	99.59	ng	-0.01
7) Phenol-d6	6.46	99	539553	104.31	ng	-0.02
23) Nitrobenzene-d5	7.38	82	333350	74.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	112918	131.17	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	518831	67.97	ng	-0.01
79) Terphenyl-d14	12.92	244	569320	54.77	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.54	88	52804	29.038	ng	96
3) Pyridine	3.29	79	130542	24.794	ng	88
4) n-Nitrosodimethylamine	3.22	42	54910	30.371	ng	85
6) Aniline	6.48	93	118163	16.493	ng	98
8) 2-Chlorophenol	6.61	128	161020	37.445	ng	98
9) Benzaldehyde	6.37	77	101311	29.729	ng	99
10) Phenol	6.47	94	205617	35.899	ng	98
11) bis(2-Chloroethyl)ether	6.56	93	154031	34.537	ng	98
12) 1,3-Dichlorobenzene	6.76	146	170838	35.151	ng	97
13) 1,4-Dichlorobenzene	6.84	146	174135	35.989	ng	99
14) 1,2-Dichlorobenzene	6.99	146	159342	35.535	ng	95
15) Benzyl Alcohol	6.96	79	150894	35.938	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	145110	27.732	ng	90
17) 2-Methylphenol	7.07	107	137123	36.427	ng	98
18) Hexachloroethane	7.34	117	65626	34.910	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	116998	34.353	ng	90
20) 3+4-Methylphenols	7.23	107	168191	38.427	ng	# 67
22) Acetophenone	7.23	105	237797	38.895	ng	# 96
24) Nitrobenzene	7.40	77	175576	38.808	ng	99
25) Isophorone	7.64	82	325377	36.097	ng	99
26) 2-Nitrophenol	7.72	139	82274	48.914	ng	91
27) 2,4-Dimethylphenol	7.76	122	138361	40.731	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	195535	35.498	ng	99
29) 2,4-Dichlorophenol	7.96	162	132985	40.736	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	131269	37.072	ng	95
31) Naphthalene	8.13	128	463315	38.369	ng	100
32) Benzoic acid	7.85	122	32049	16.709	ng	96
33) 4-Chloroaniline	8.17	127	57083	10.385	ng	96
34) Hexachlorobutadiene	8.25	225	73422	38.029	ng	96
35) Caprolactam	8.55	113	16365	13.395	ng	# 1
36) 4-Chloro-3-methylphenol	8.66	107	158671	42.289	ng	99
37) 2-Methylnaphthalene	8.82	142	310188	38.607	ng	98
38) 1-Methylnaphthalene	8.92	142	283062	37.321	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	118362	38.343	ng	97

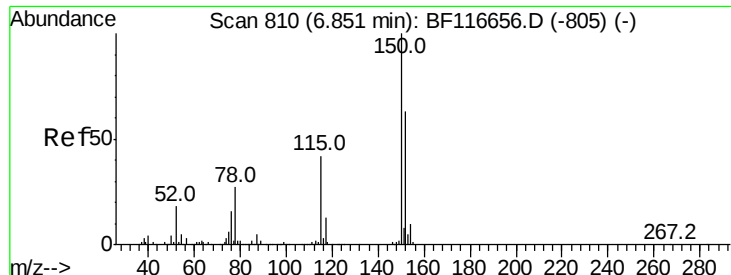
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	118203	66.310	nq	96
43) 2,4,6-Trichlorophenol	9.10	196	82285	38.886	nq	95
44) 2,4,5-Trichlorophenol	9.14	196	89634	40.801	nq	# 89
46) 1,1'-Biphenyl	9.28	154	360040	36.846	nq	99
47) 2-Chloronaphthalene	9.30	162	281180	36.331	nq	97
48) 2-Nitroaniline	9.40	65	94688	42.320	nq	98
49) Acenaphthylene	9.72	152	445583	38.087	nq	98
50) Dimethylphthalate	9.58	163	414185	46.588	nq	# 98
51) 2,6-Dinitrotoluene	9.64	165	74081	43.674	nq	95
52) Acenaphthene	9.89	154	285234	39.681	nq	98
53) 3-Nitroaniline	9.80	138	65251	30.696	nq	# 89
54) 2,4-Dinitrophenol	9.92	184	33428	58.305	nq	# 89
55) Dibenzofuran	10.06	168	390297	38.516	nq	92
56) 4-Nitrophenol	9.97	139	122393	83.972	nq	86
57) 2,4-Dinitrotoluene	10.05	165	100432	48.423	nq	# 97
58) Fluorene	10.41	166	315300	40.836	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	65915	41.574	nq	# 97
60) Diethylphthalate	10.27	149	333409	37.439	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	133607	39.516	nq	89
62) 4-Nitroaniline	10.42	138	84564	40.992	nq	91
63) Azobenzene	10.56	77	353787	38.099	nq	93
65) 4,6-Dinitro-2-methylphenol	10.46	198	30303	39.369	nq	# 57
66) n-Nitrosodiphenylamine	10.52	169	338660	44.955	nq	94
67) 4-Bromophenyl-phenylether	10.89	248	82261	37.185	nq	96
68) Hexachlorobenzene	10.96	284	85396	36.895	nq	96
69) Atrazine	11.04	200	82919	39.301	nq	97
70) Pentachlorophenol	11.15	266	79852	71.318	nq	99
71) Phenanthrene	11.37	178	480717	39.656	nq	99
72) Anthracene	11.42	178	480825	39.403	nq	99
73) Carbazole	11.57	167	461856	39.734	nq	98
74) Di-n-butylphthalate	11.90	149	582629	39.099	nq	99
75) Fluoranthene	12.55	202	527833	44.307	nq	100
77) Benzidine	12.66	184	243876	32.333	nq	99
78) Pyrene	12.78	202	538365	31.494	nq	98
80) Butylbenzylphthalate	13.39	149	270586	32.550	nq	95
81) Benzo(a)anthracene	13.96	228	457005	37.549	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	52496	12.763	nq	96
83) Chrysene	14.00	228	455067	36.292	nq	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	386672	37.681	nq	99
85) Di-n-octyl phthalate	14.56	149	658923	39.238	nq	# 94
86) Indeno(1,2,3-cd)pyrene	16.85	276	433307	43.023	nq	98
88) Benzo(b)fluoranthene	15.00	252	419910	34.276	nq	99
89) Benzo(k)fluoranthene	15.03	252	421148	37.703	nq	100
90) Benzo(a)pyrene	15.36	252	405899	38.082	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	359132	38.494	nq	99
92) Benzo(g,h,i)perylene	17.29	276	356525	37.470	nq	97

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

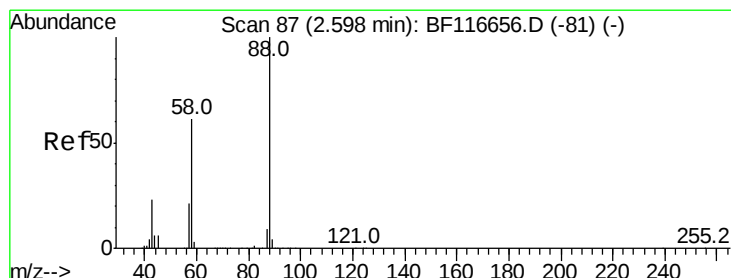
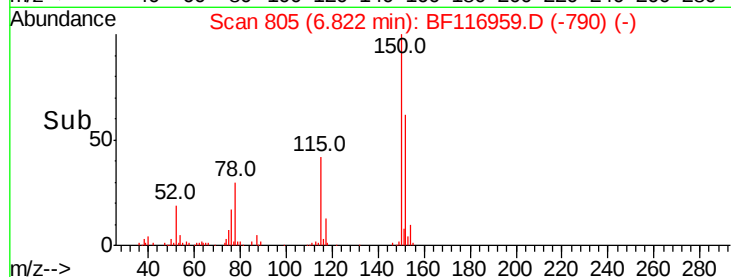
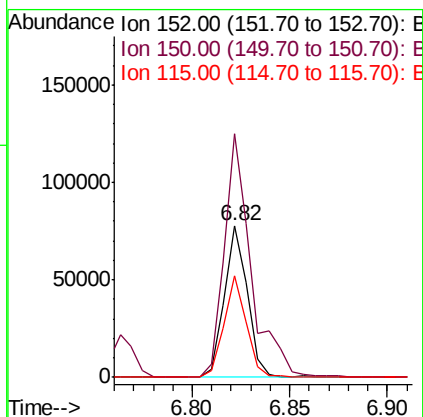
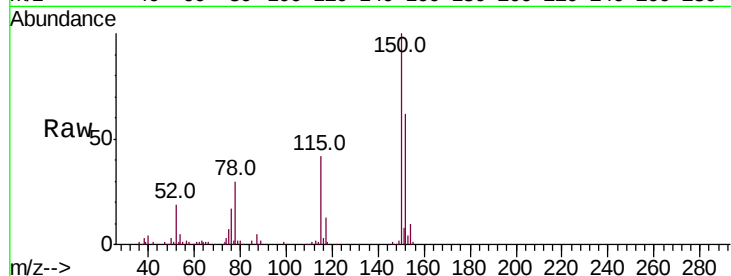


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

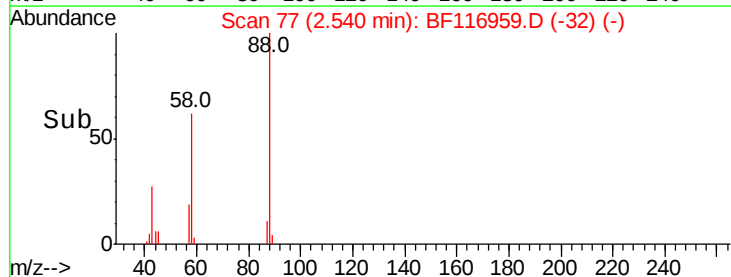
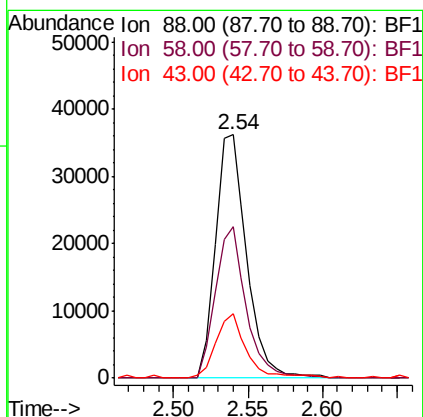
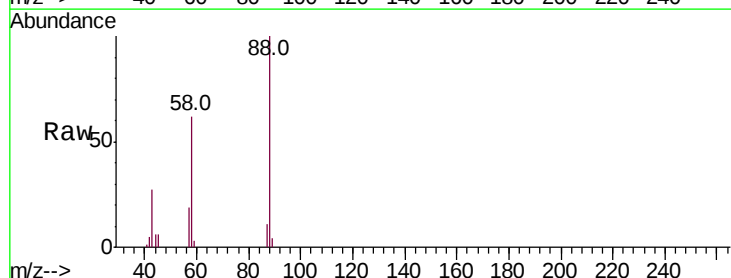
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.4	186.6
115	67.0	49.9	74.9

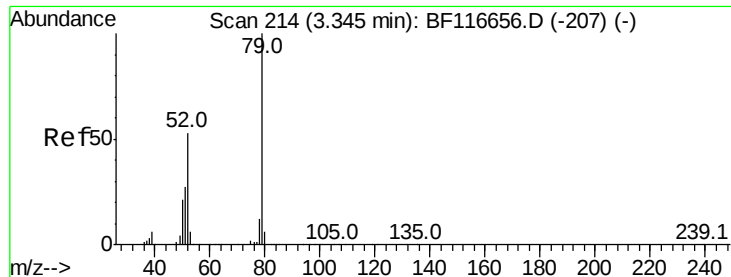


#2

1,4-Dioxane
Concen: 29.038 ng
RT: 2.54 min Scan# 77
Delta R.T. -0.04 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.5	51.7	77.5
43	26.3	19.8	29.8





#3

Pvridine

Concen: 24.794 ng

RT: 3.29 min Scan# 204

Delta R.T. -0.03 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

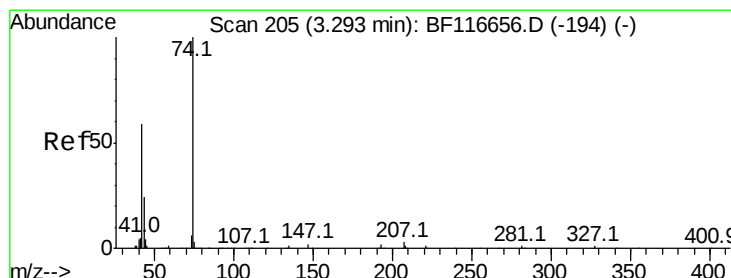
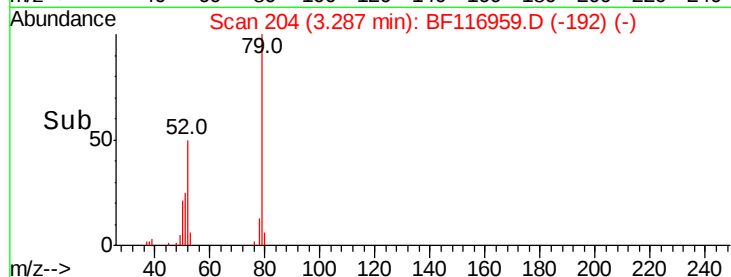
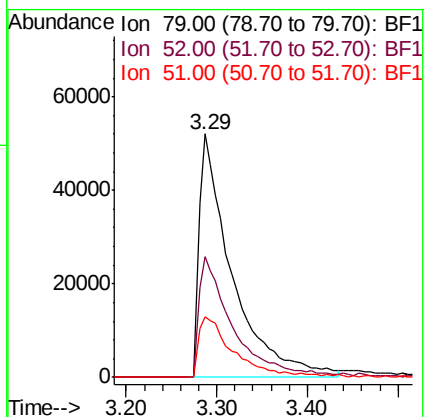
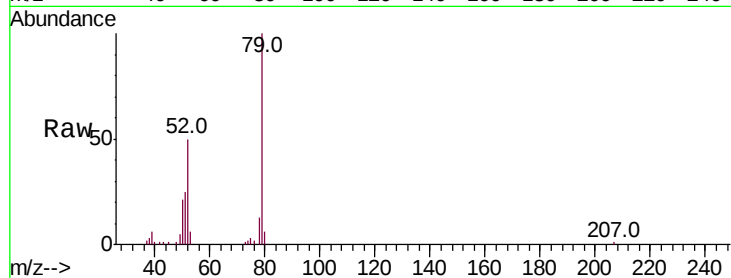
Tot Ion: 79 Resp: 130542

Ion Ratio Lower Upper

79 100

52 49.7 47.4 71.0

51 24.9 24.1 36.1



#4

n-Nitrosodimethylamine

Concen: 30.371 ng

RT: 3.22 min Scan# 192

Delta R.T. -0.05 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

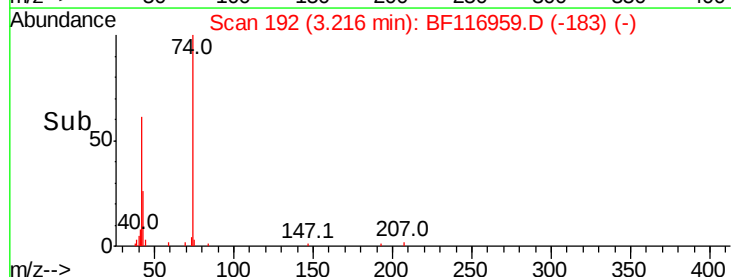
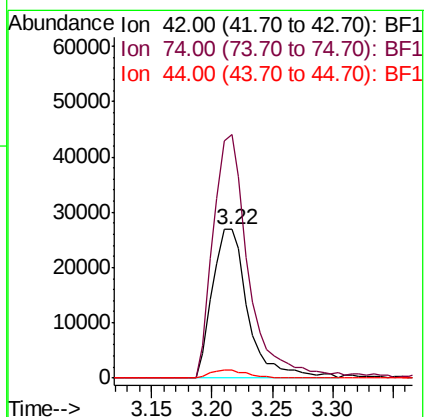
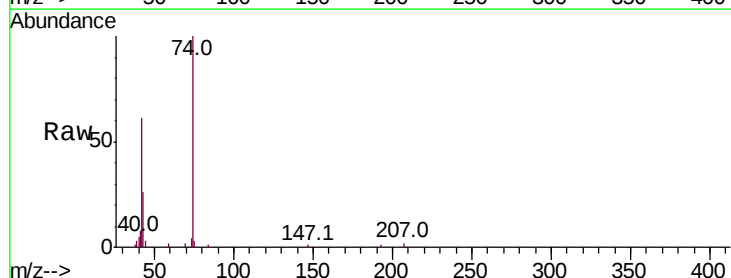
Tgt Ion: 42 Resp: 54910

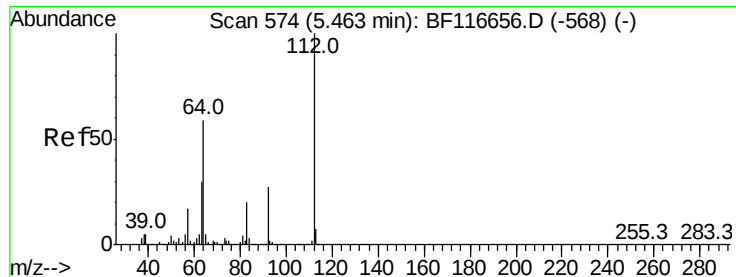
Ion Ratio Lower Upper

42 100

74 163.9 115.6 173.4

44 5.7 4.6 7.0





#5

2-Fluorophenol

Concen: 99.593 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampled :

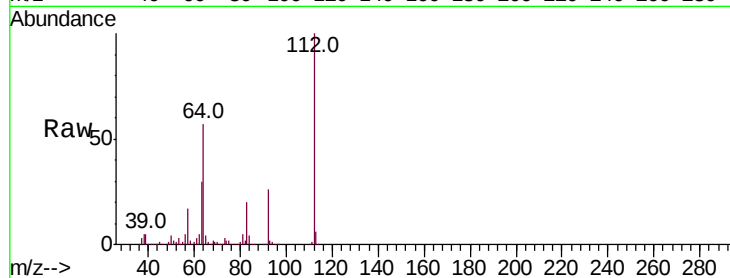
Tot Ion:112 Resp: 392314

Ion Ratio Lower Upper

112 100

64 56.8 47.1 70.7

63 30.2 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

500000

400000

300000

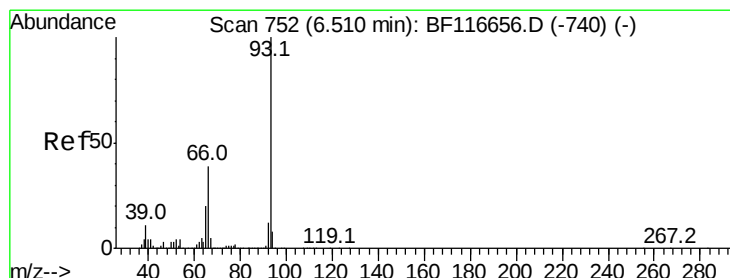
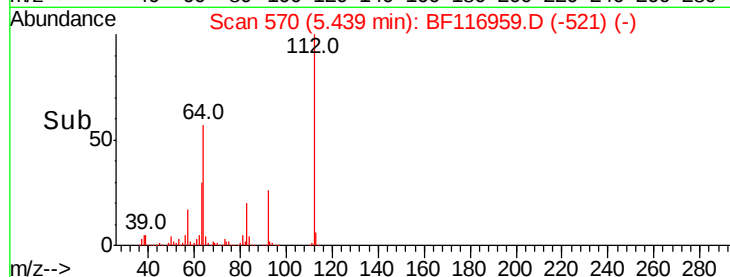
200000

100000

0

5.44

Time-->



#6

Aniline

Concen: 16.493 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

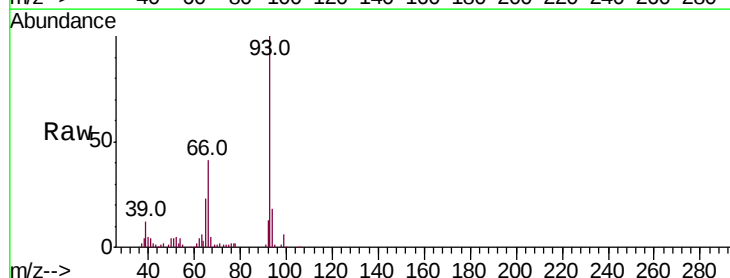
Tgt Ion: 93 Resp: 118163

Ion Ratio Lower Upper

93 100

66 40.6 32.7 49.1

65 22.7 16.3 24.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

250000

200000

150000

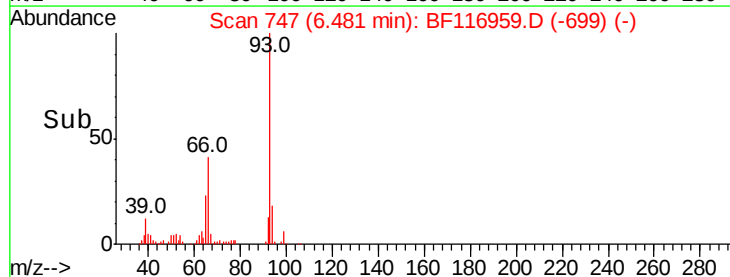
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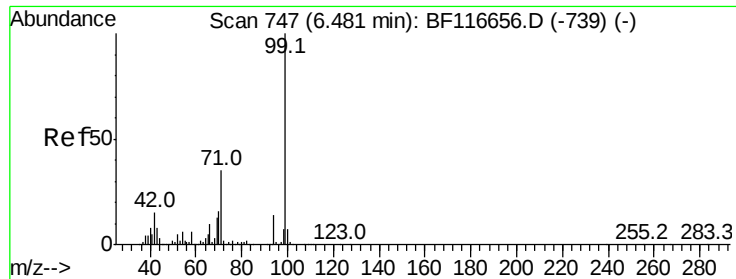
50000

0

6.48

Time-->





#7

Phenol-d6

Concen: 104.310 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

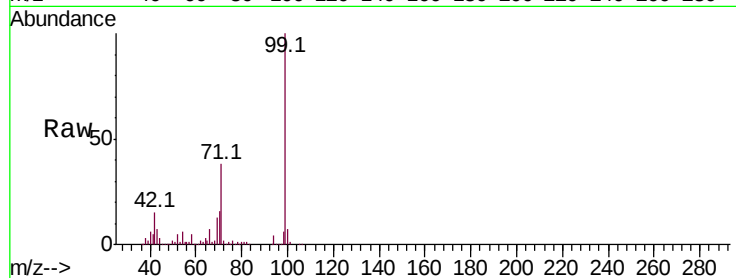
Tot Ion: 99 Resp: 539553

Ion Ratio Lower Upper

99 100

42 15.2 13.7 20.5

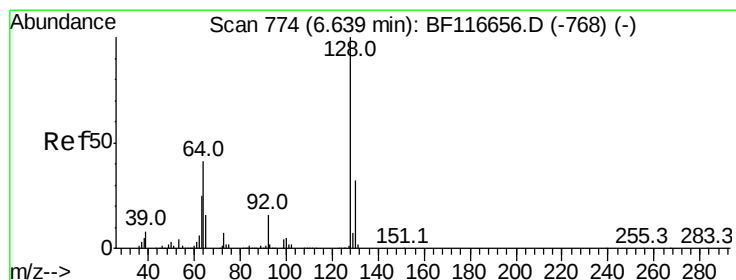
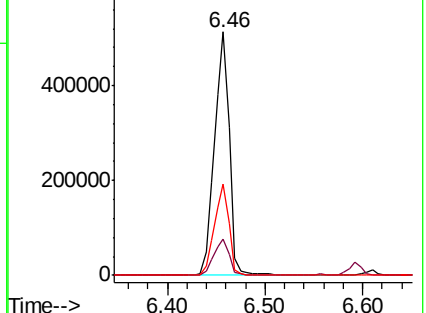
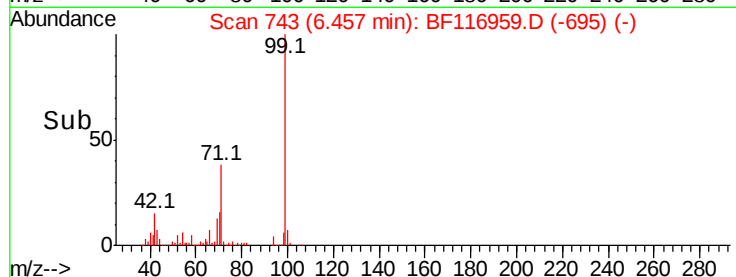
71 37.5 30.8 46.2



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: 37.445 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

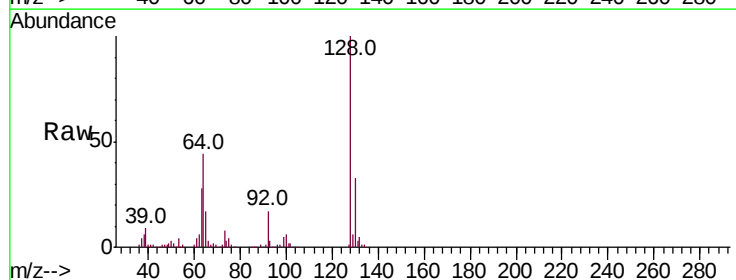
Tgt Ion: 128 Resp: 161020

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

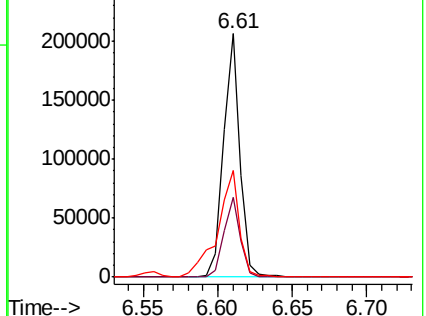
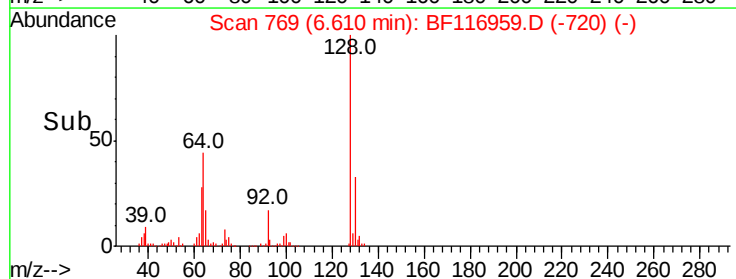
64 43.9 22.5 62.5

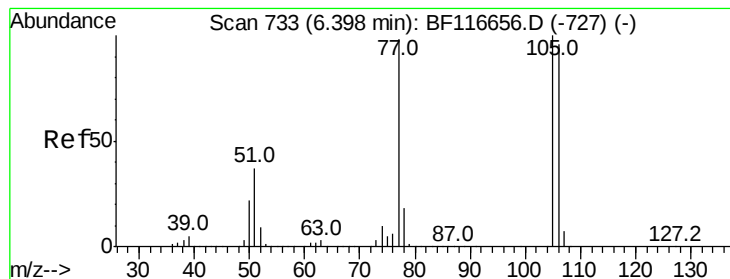


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.729 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

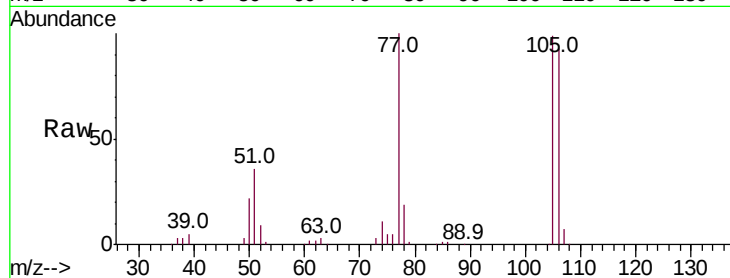
Tot Ion: 77 Resp: 101311

Ion Ratio Lower Upper

77 100

105 99.4 76.7 116.7

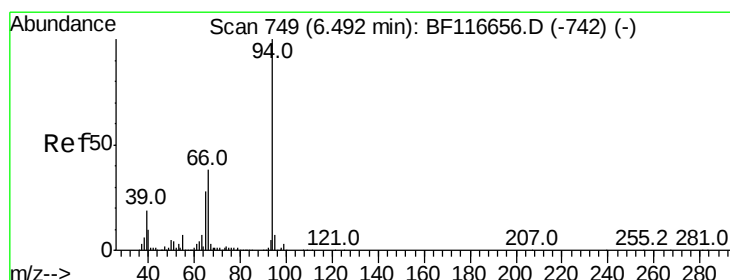
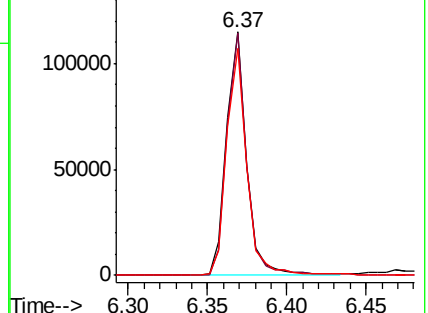
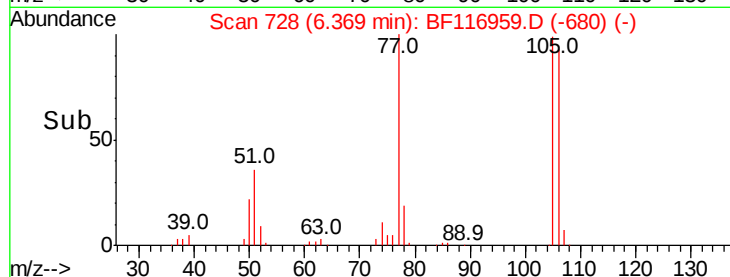
106 93.3 73.1 113.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.899 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

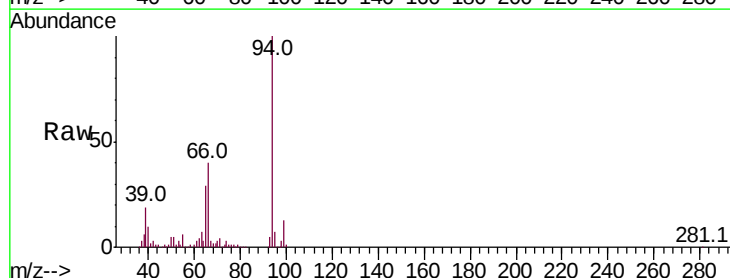
Tgt Ion: 94 Resp: 205617

Ion Ratio Lower Upper

94 100

65 29.1 10.8 50.8

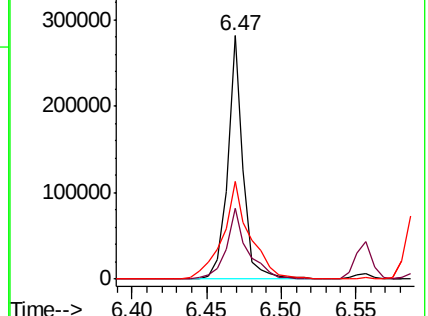
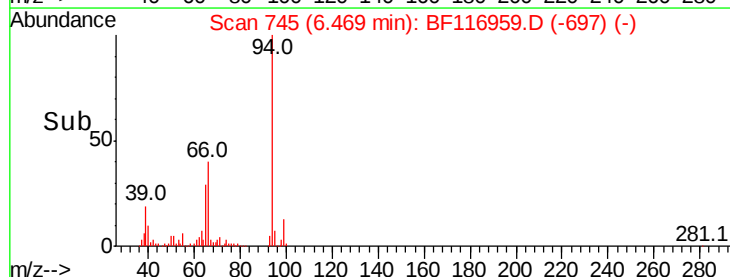
66 40.1 21.1 61.1

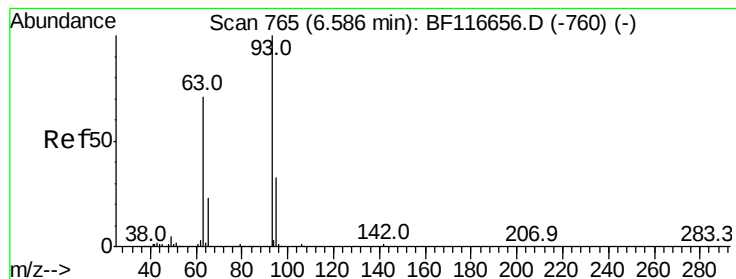


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.537 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

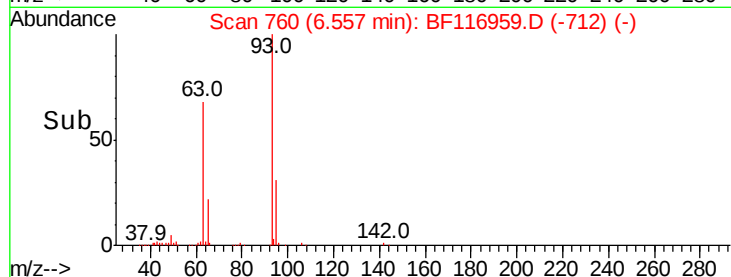
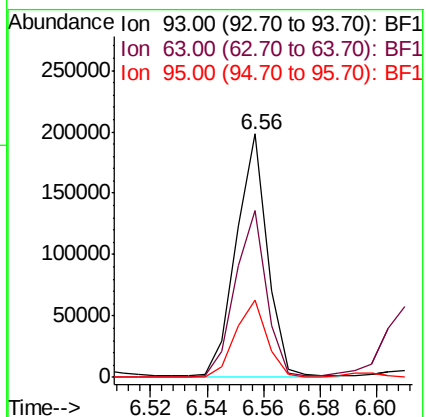
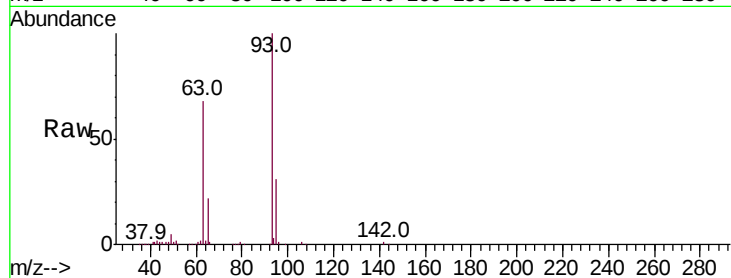
Tot Ion: 93 Resp: 154031

Ion Ratio Lower Upper

93 100

63 68.3 49.9 89.9

95 31.5 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 35.151 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

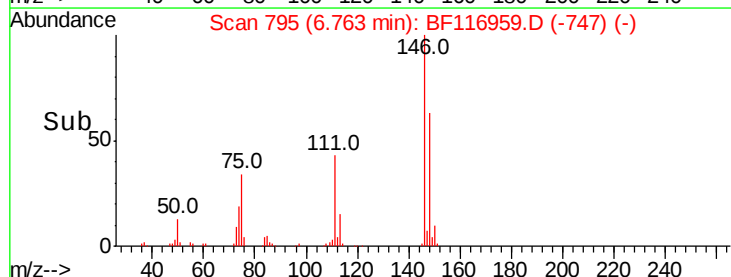
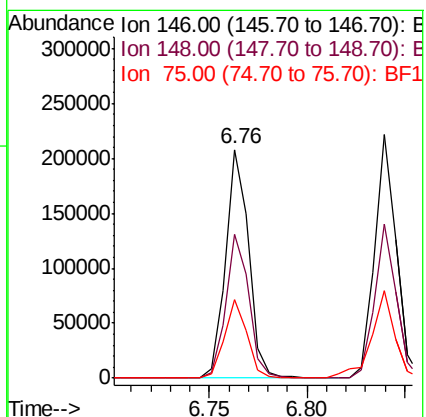
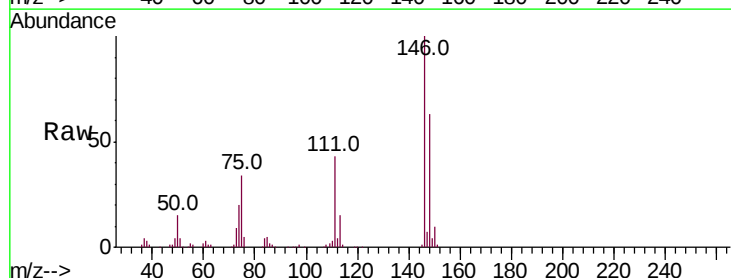
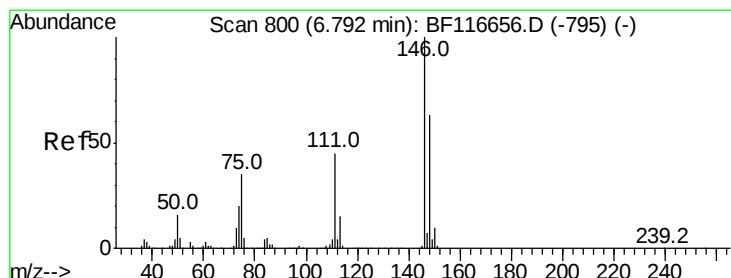
Tgt Ion: 146 Resp: 170838

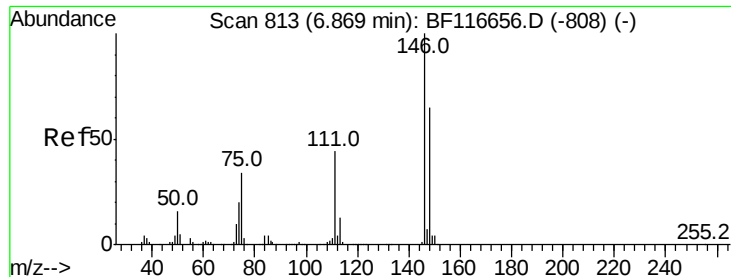
Ion Ratio Lower Upper

146 100

148 62.7 51.4 77.0

75 34.1 29.6 44.4

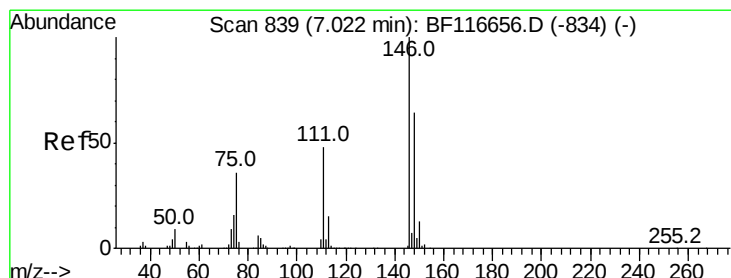
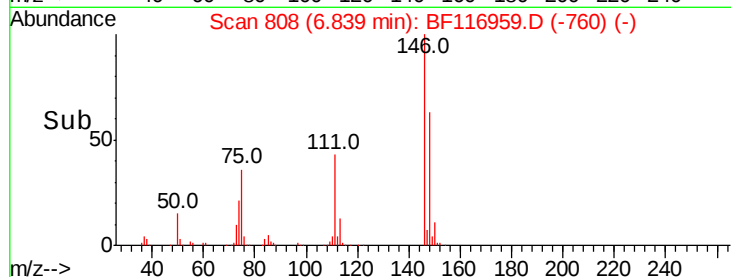
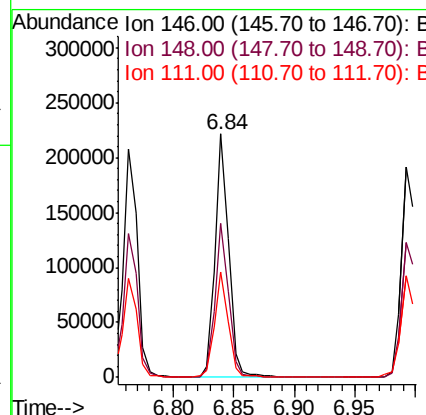
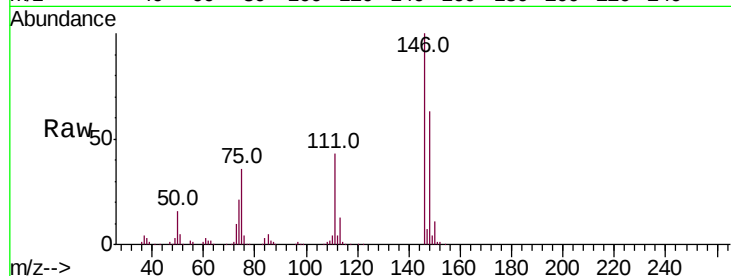




#13
 1,4-Dichlorobenzene
 Concen: 35.989 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF116959.D
 Acq: 11 Sep 2019 21:08

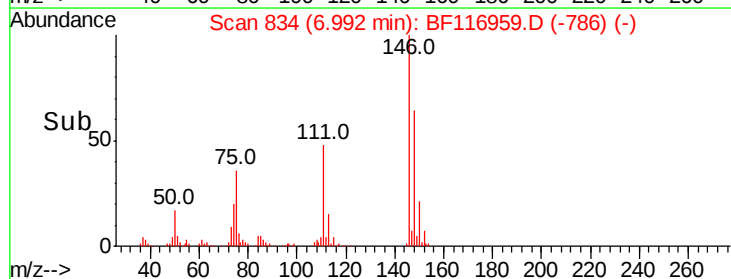
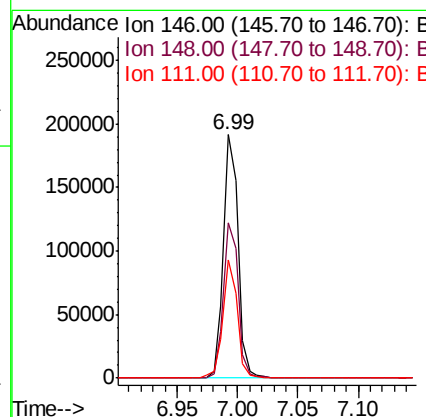
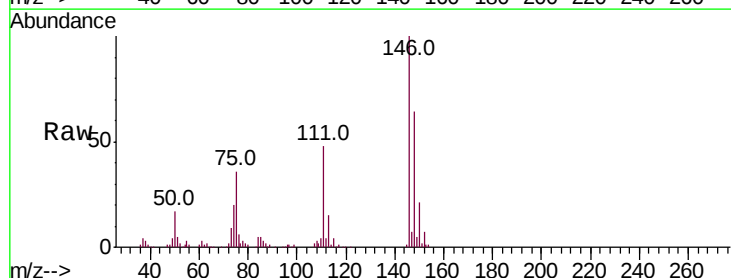
Instrument :
 BNA_F
 ClientSampled :

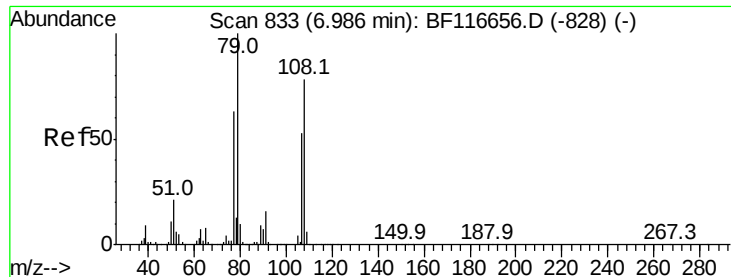
Tot Ion:146 Resp: 174135
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.4 77.2
 111 43.1 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 35.535 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF116959.D
 Acq: 11 Sep 2019 21:08

Tgt Ion:146 Resp: 159342
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.6 78.8
 111 48.4 34.2 51.4





#15

Benzyl Alcohol

Concen: 35.938 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

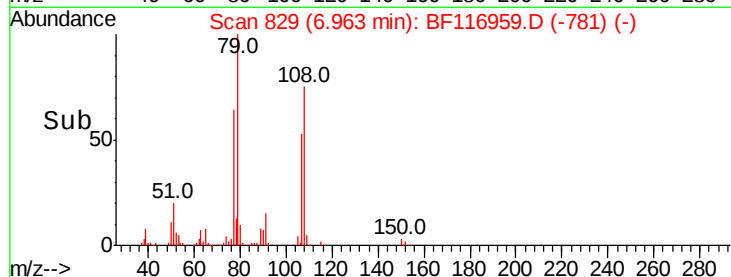
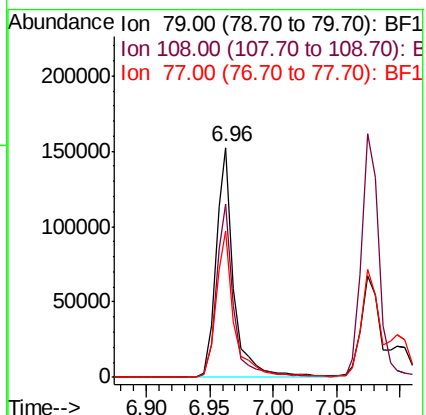
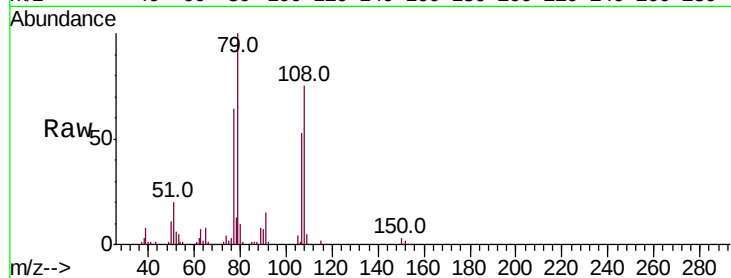
Tot Ion: 79 Resp: 150894

Ion Ratio Lower Upper

79 100

108 75.2 59.2 88.8

77 63.8 53.0 79.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.732 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

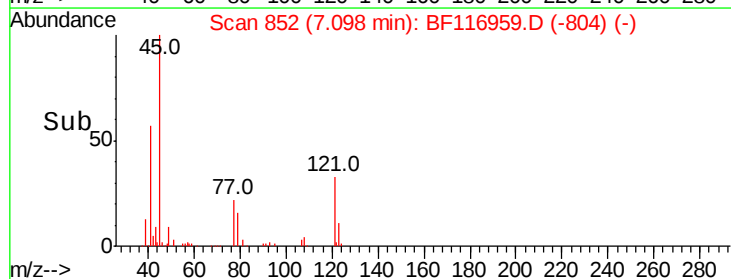
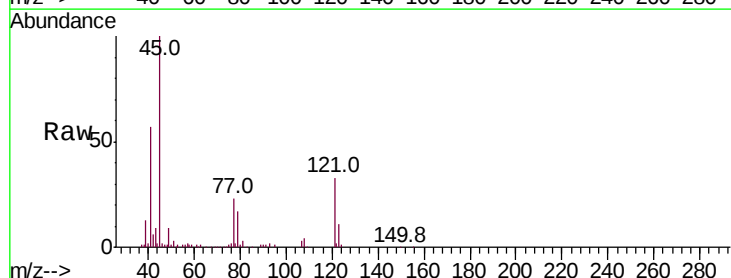
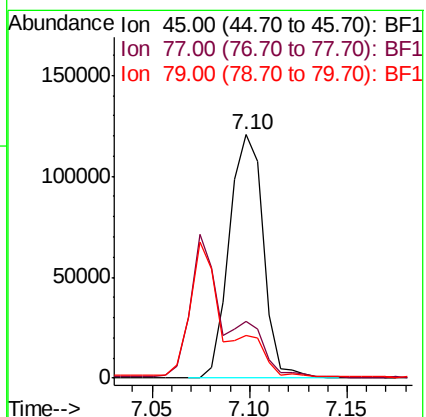
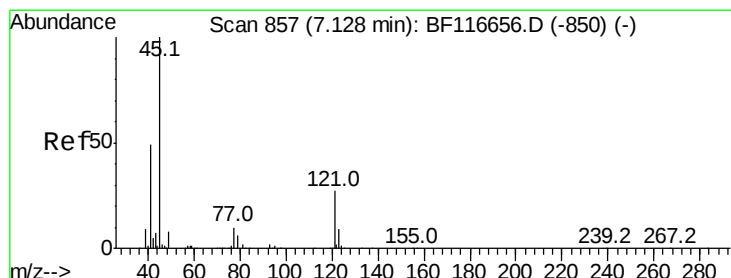
Tgt Ion: 45 Resp: 145110

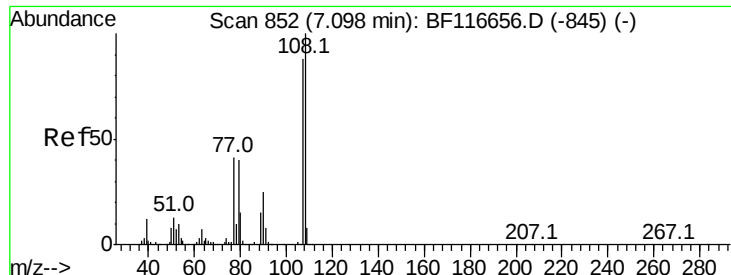
Ion Ratio Lower Upper

45 100

77 23.3 0.0 38.2

79 17.4 0.0 33.9

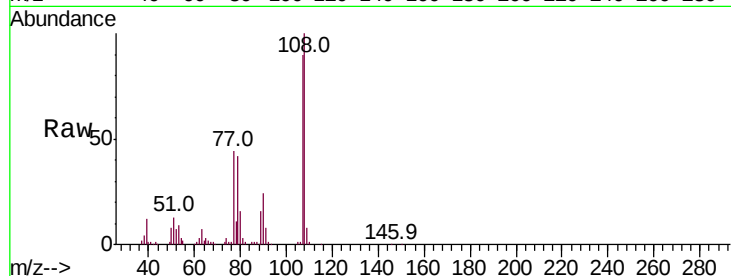




#17
2-Methylphenol
Concen: 36.427 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	137123
Ion	Ratio	Lower	Upper
107	100		
108	111.0	88.3	132.5
77	49.0	39.9	59.9
79	46.5	39.8	59.8



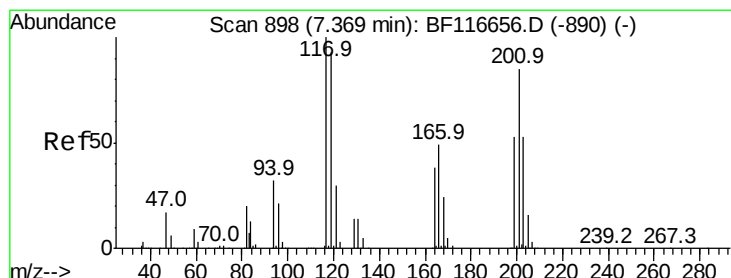
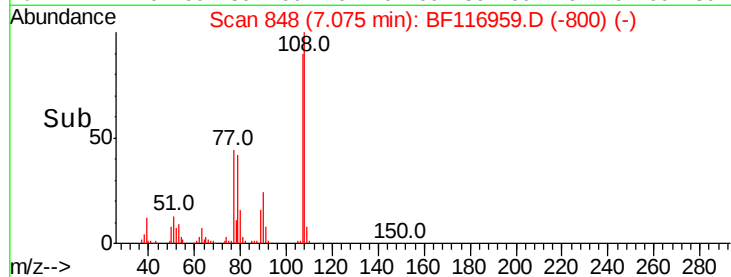
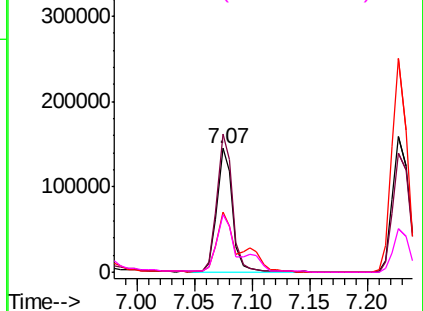
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

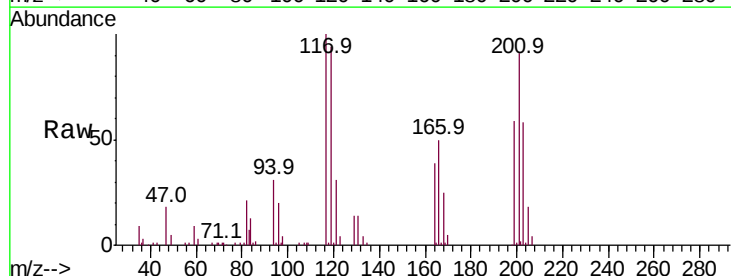
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 34.910 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Tgt Ion:	117	Resp:	65626
Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.9	115.3
201	90.6	79.4	119.0

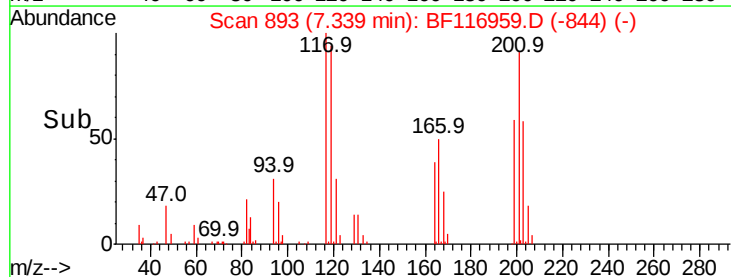
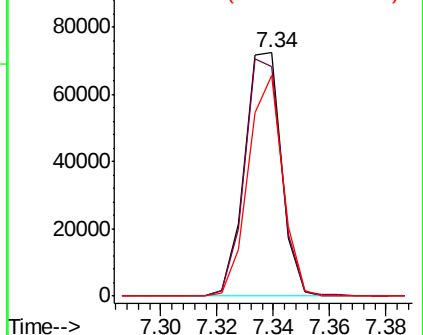


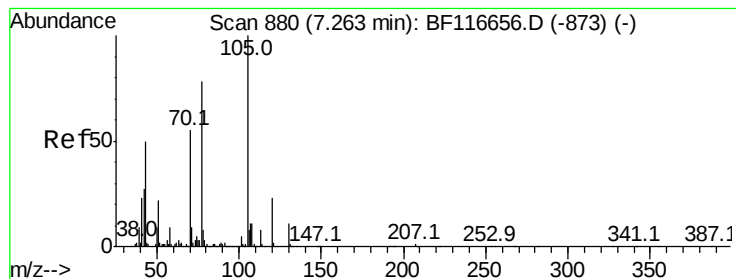
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.353 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 116998

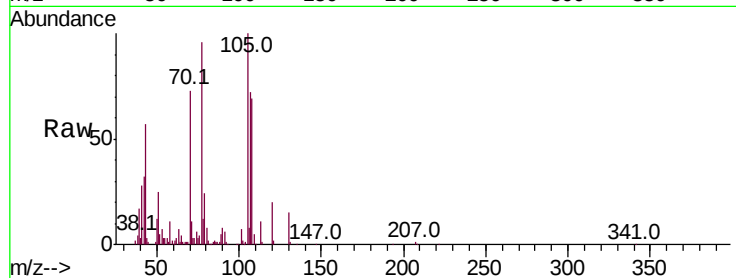
Ion Ratio Lower Upper

70 100

42 43.7 43.5 65.3

101 10.2 7.8 11.6

130 20.9 16.6 24.8



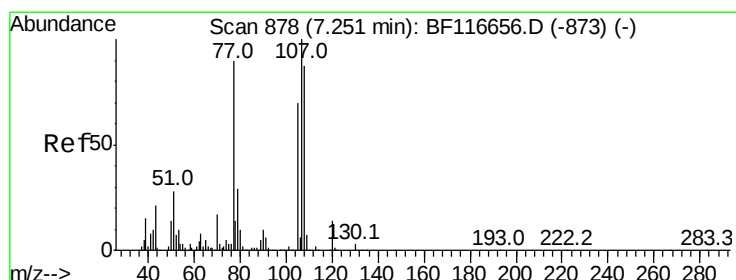
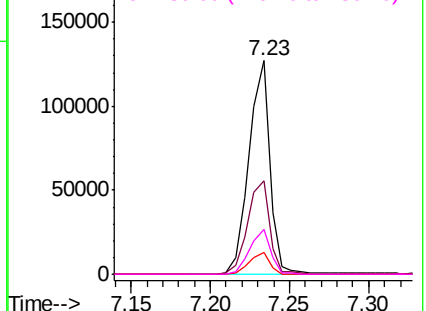
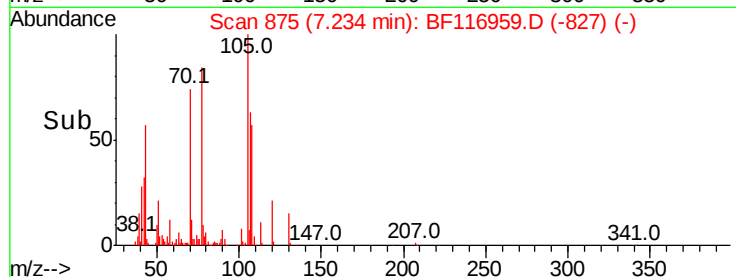
Abundance

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): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 38.427 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Tgt Ion: 107 Resp: 168191

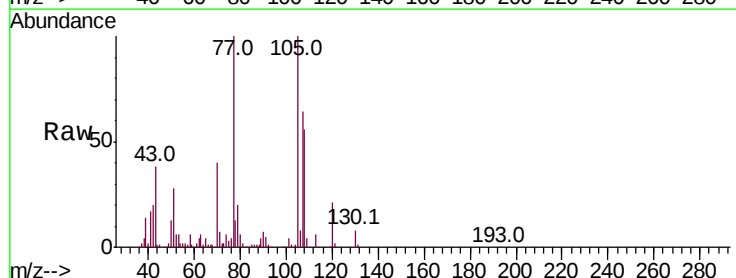
Ion Ratio Lower Upper

107 100

108 87.6 65.5 105.5

77 156.7 69.4 109.4#

79 31.5 9.5 49.5



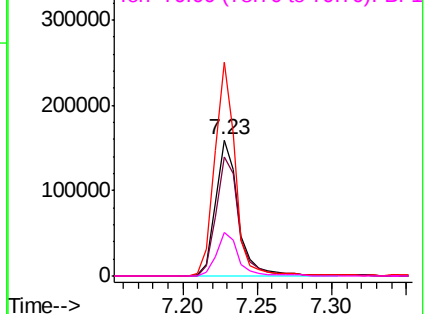
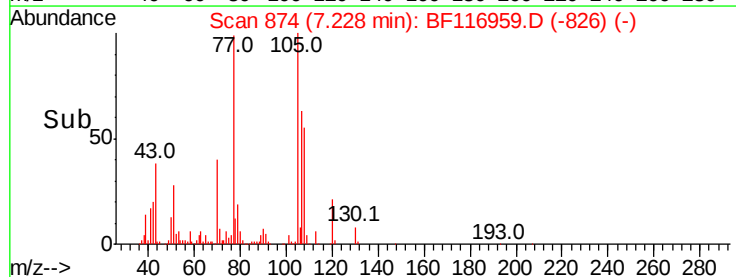
Abundance

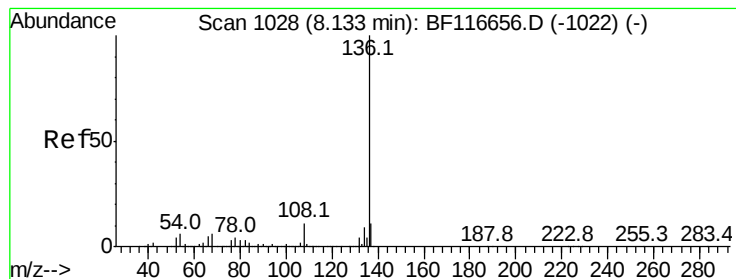
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

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: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 253946

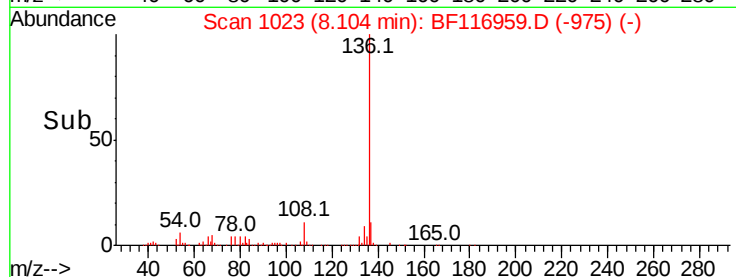
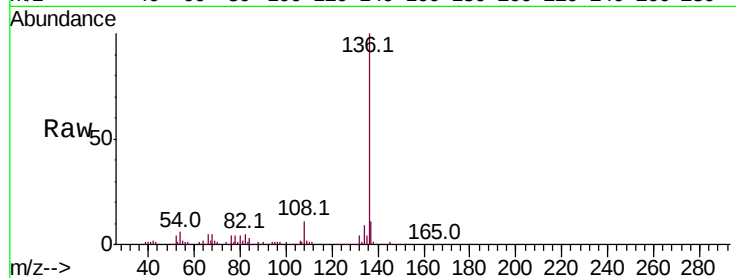
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 5.6 4.8 7.2

68 5.5 4.0 6.0

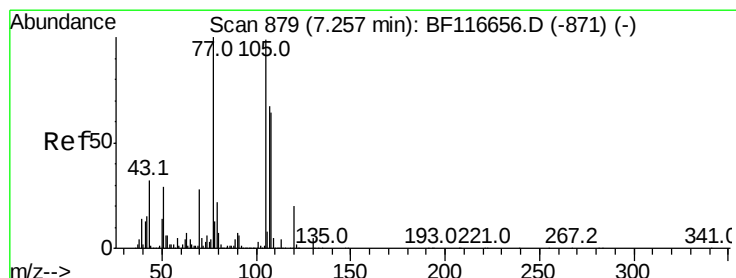
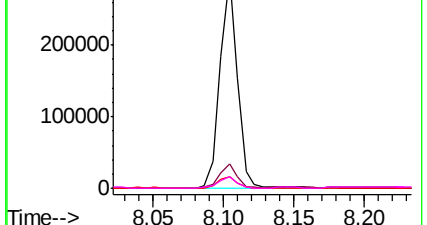


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.895 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Tgt Ion:105 Resp: 237797

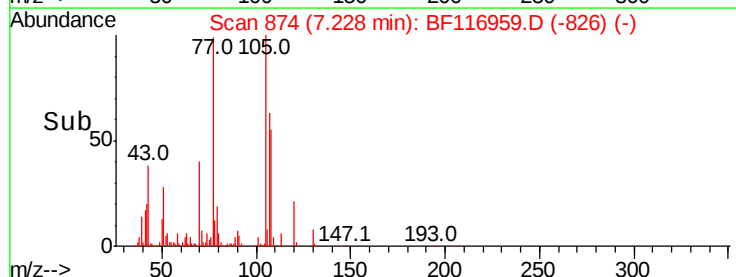
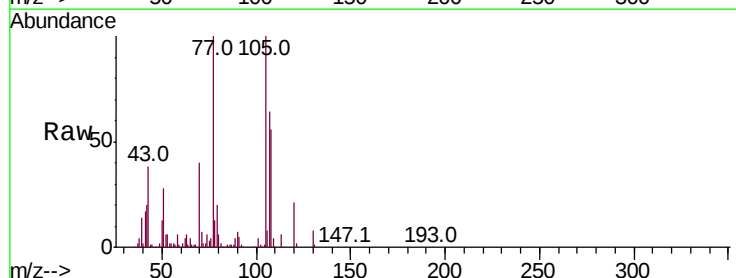
Ion Ratio Lower Upper

105 100

71 7.0 4.2 6.4#

51 28.4 25.8 38.8

120 20.7 16.4 24.6

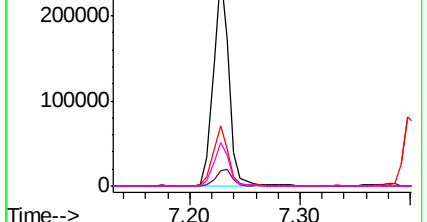


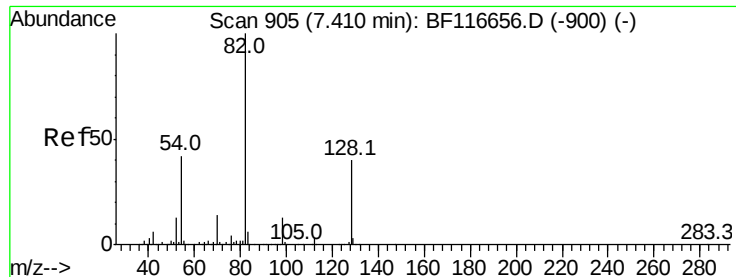
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 74.937 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

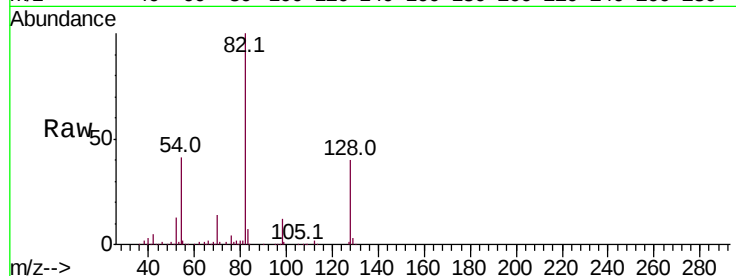
Tot Ion: 82 Resp: 333350

Ion Ratio Lower Upper

82 100

128 40.0 32.8 49.2

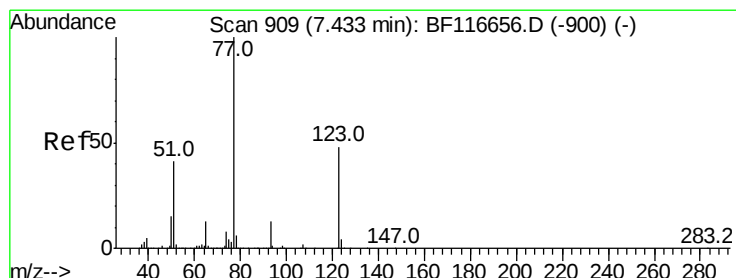
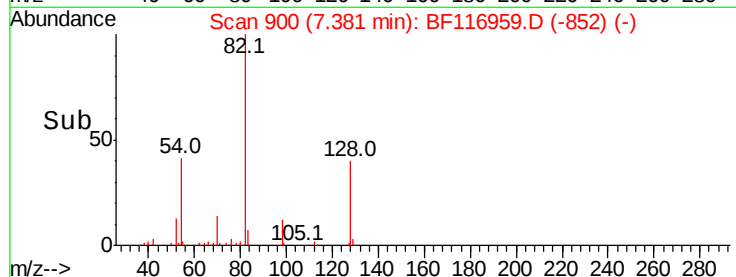
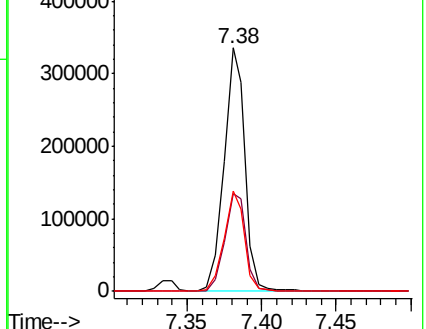
54 41.3 36.9 55.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 38.808 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

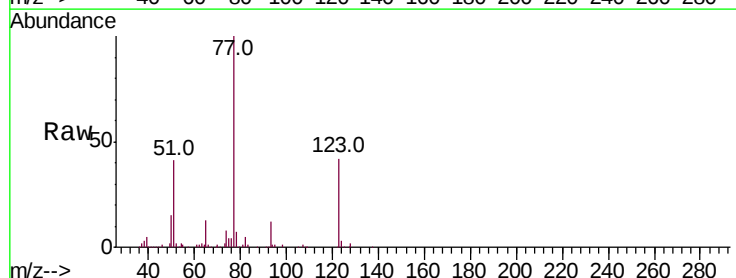
Tgt Ion: 77 Resp: 175576

Ion Ratio Lower Upper

77 100

123 42.1 33.1 49.7

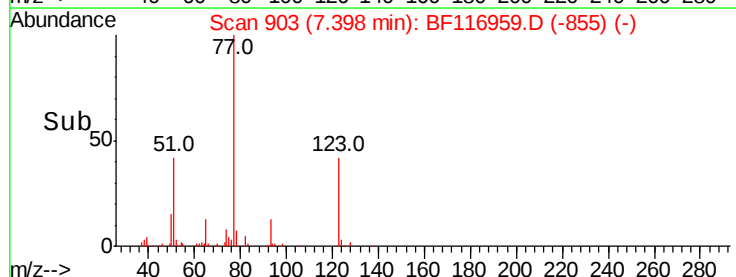
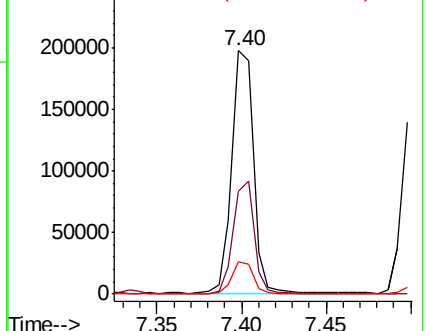
65 13.3 10.6 15.8

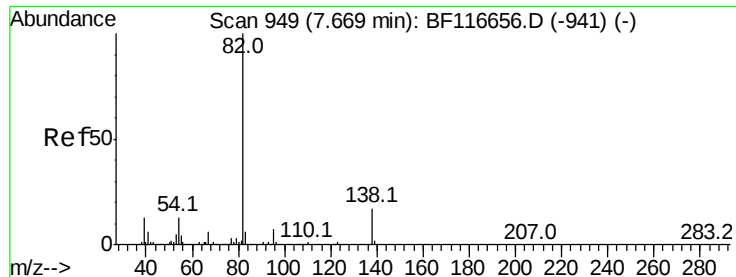


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.097 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

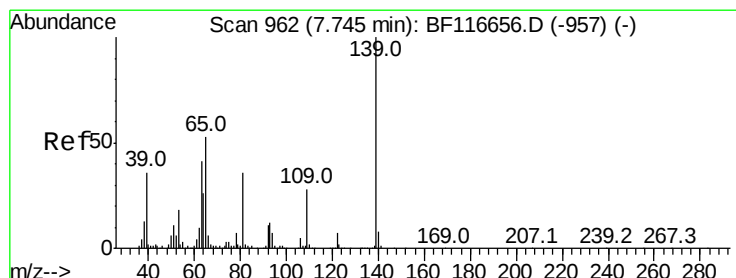
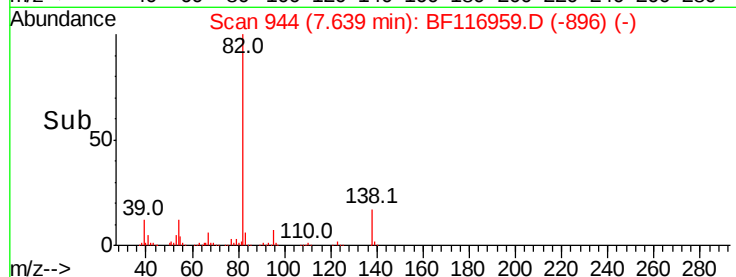
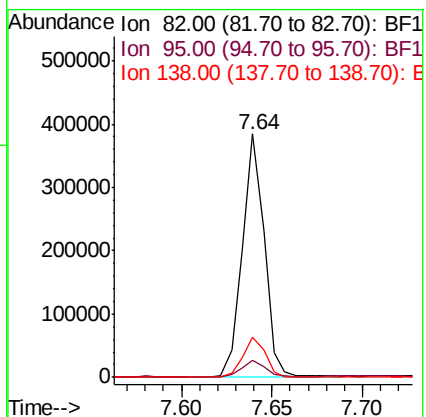
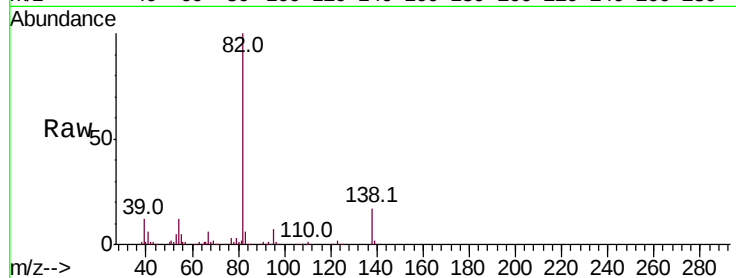
Tot Ion: 82 Resp: 325377

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

138 16.6 13.5 20.3



#26

2-Nitrophenol

Concen: 48.914 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

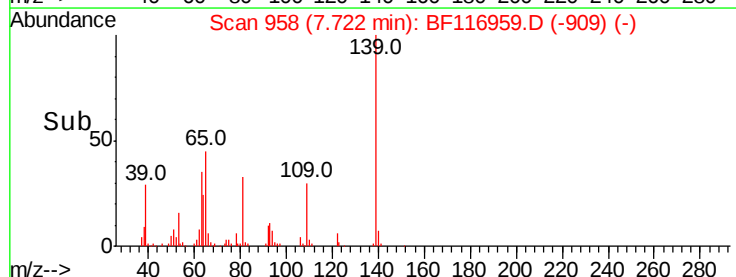
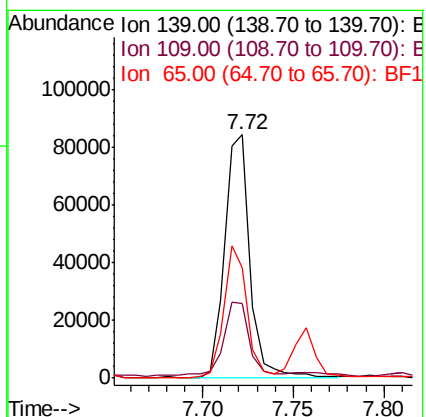
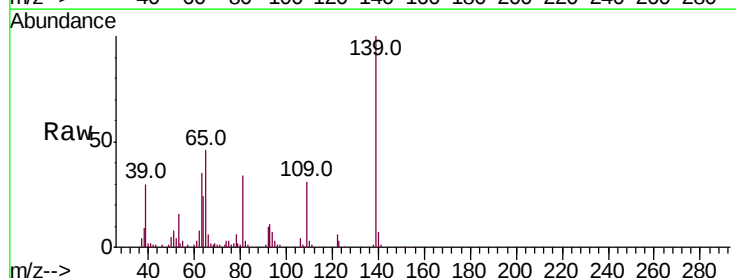
Tgt Ion: 139 Resp: 82274

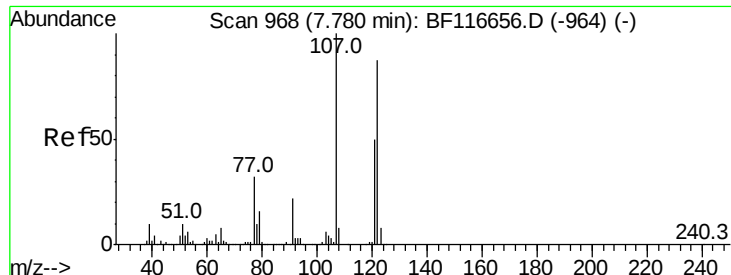
Ion Ratio Lower Upper

139 100

109 30.7 27.1 40.7

65 45.6 43.0 64.6

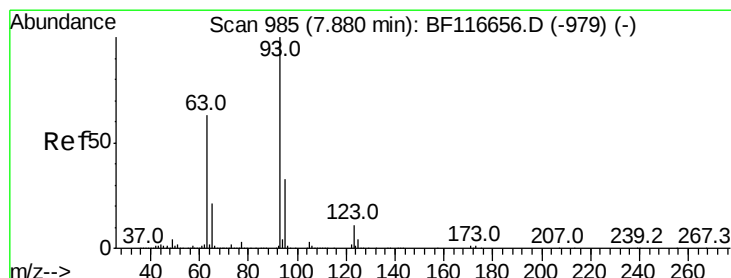
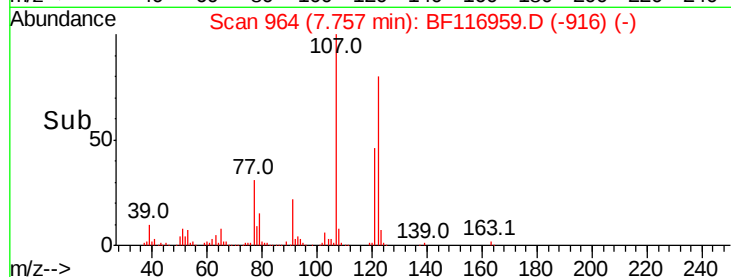
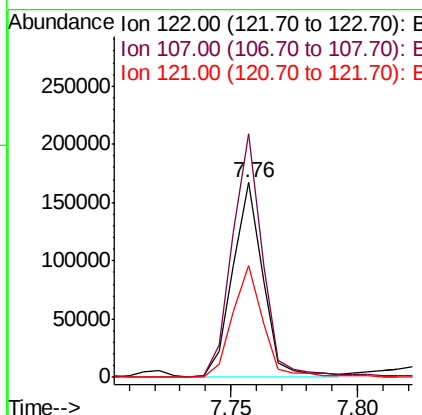
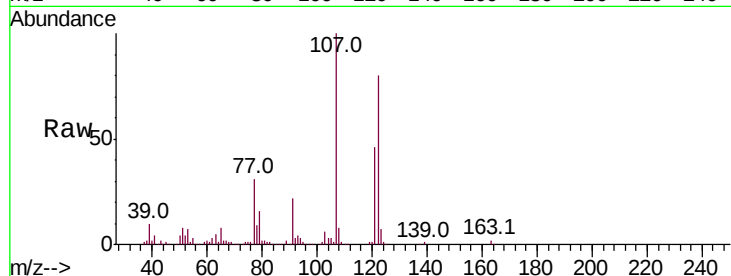




#27
2,4-Dimethylphenol
Concen: 40.731 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

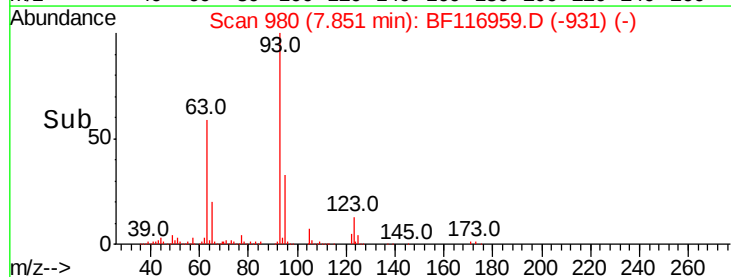
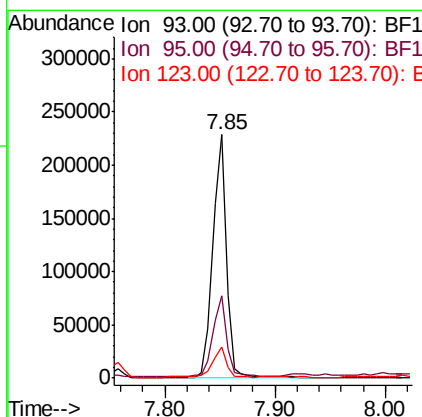
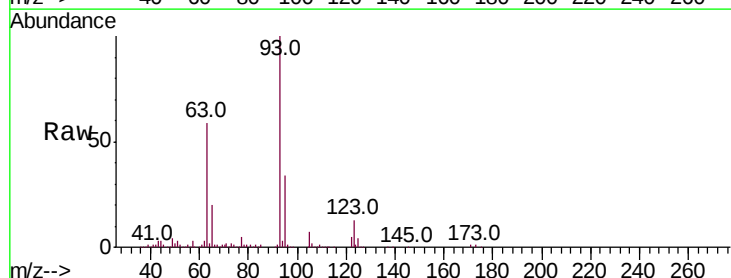
Instrument :
BNA_F
ClientSampleId :

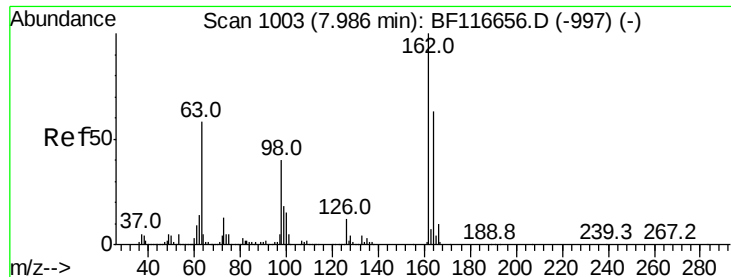
Tot Ion	Ratio	Lower	Upper
122	100		
107	125.2	98.1	147.1
121	57.6	47.3	70.9



#28
bis(2-Chloroethoxy)methane
Concen: 35.498 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.4	39.6
123	12.8	9.8	14.8

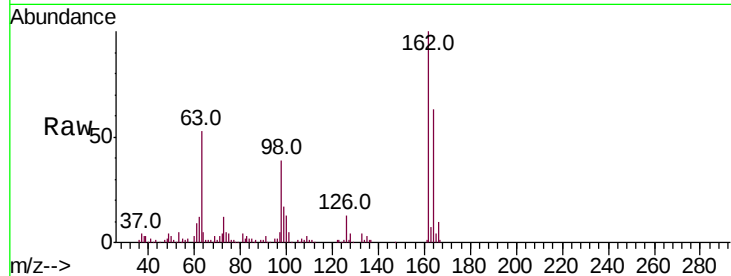




#29
 2,4-Dichlorophenol
 Concen: 40.736 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF116959.D
 Acq: 11 Sep 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.4	83.4
98	39.1	18.1	58.1

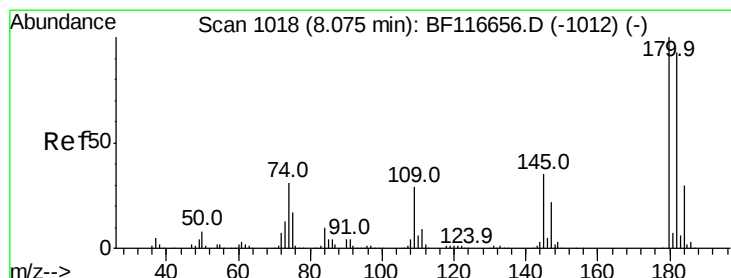
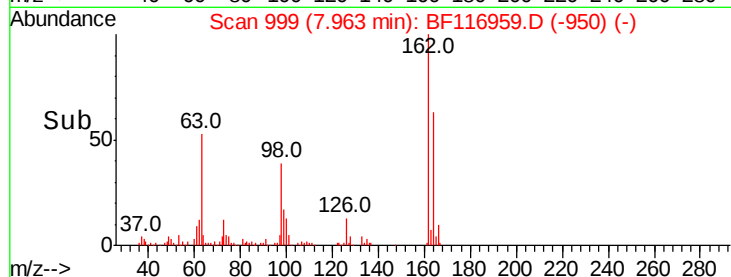
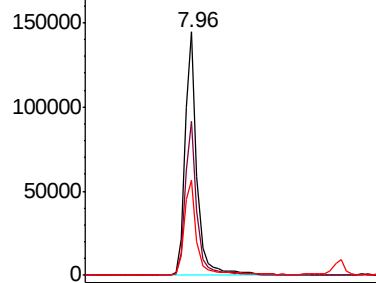


Abundance

Ion 162.00 (161.70 to 162.70): E

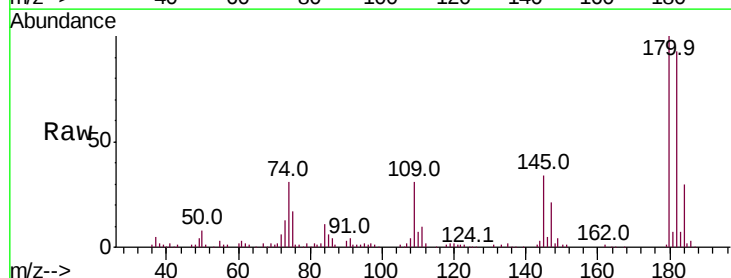
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.072 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BF116959.D
 Acq: 11 Sep 2019 21:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	78.6	118.0
145	34.1	25.7	38.5

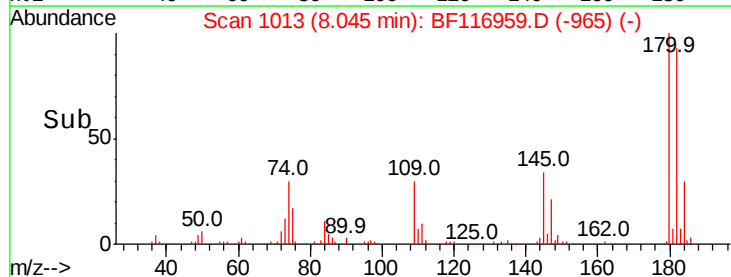
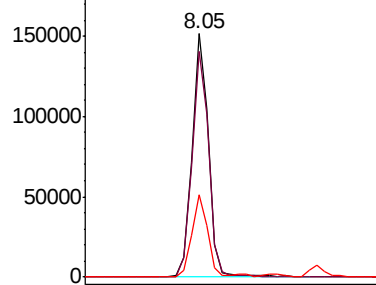


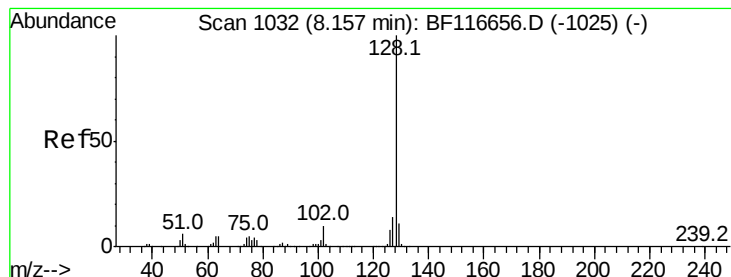
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.369 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

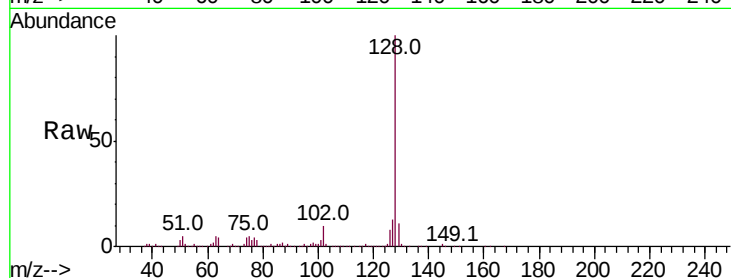
Tot Ion:128 Resp: 463315

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

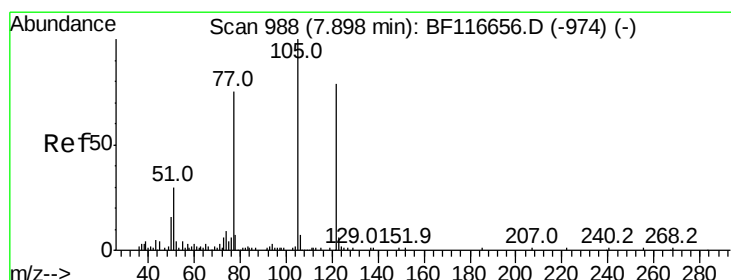
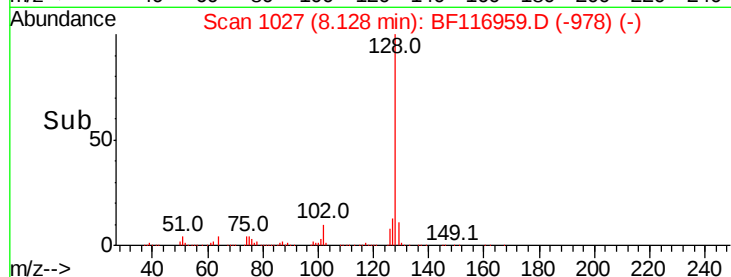
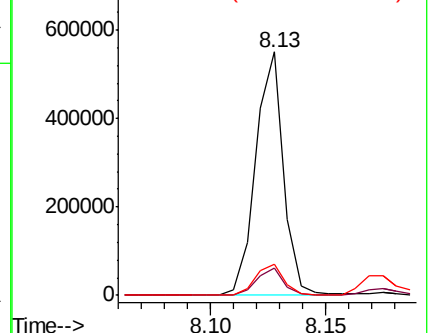
127 13.0 10.4 15.6



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: 16.709 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.05 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

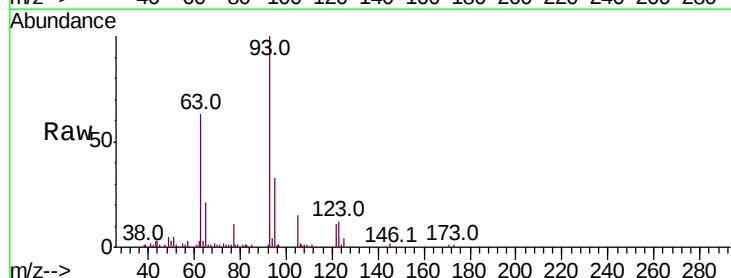
Tgt Ion:122 Resp: 32049

Ion Ratio Lower Upper

122 100

105 136.8 110.0 150.0

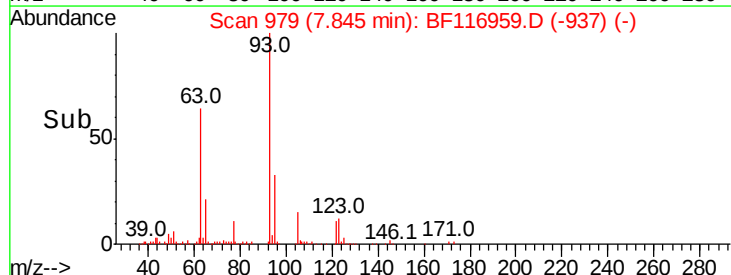
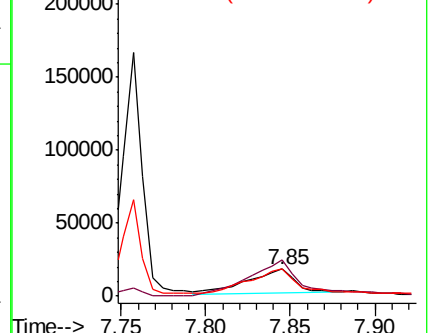
77 100.5 81.7 121.7

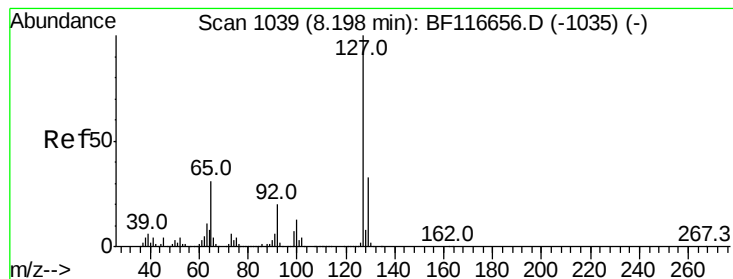


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 10.385 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 57083

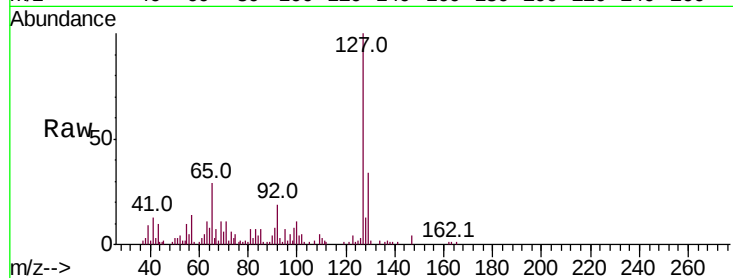
Ion Ratio Lower Upper

127 100

129 33.5 26.2 39.2

65 28.6 26.0 39.0

92 18.5 16.1 24.1

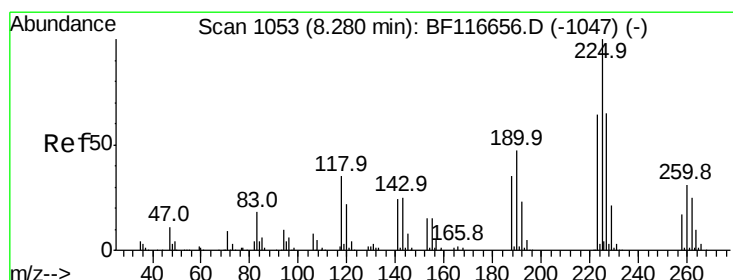
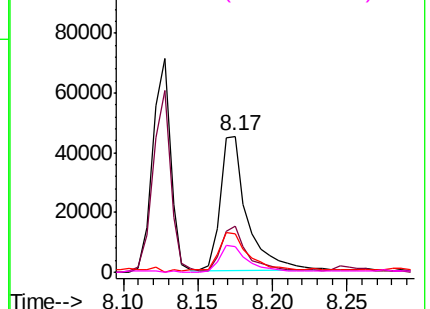
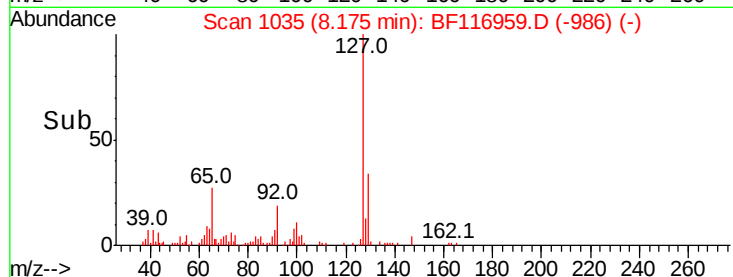


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 38.029 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

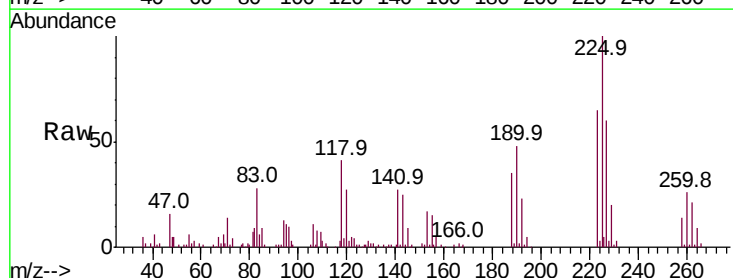
Tgt Ion:225 Resp: 73422

Ion Ratio Lower Upper

225 100

223 65.1 49.4 74.2

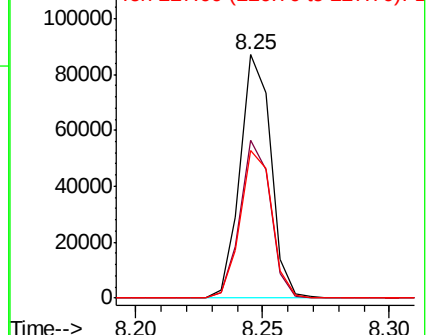
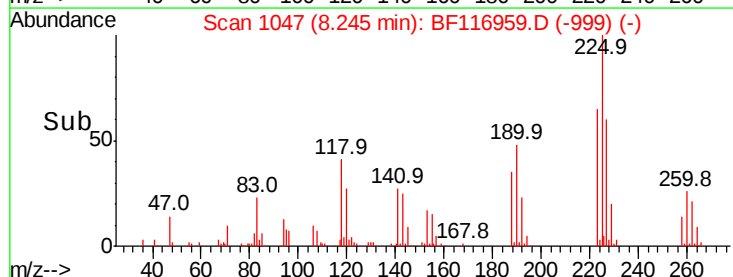
227 60.4 51.0 76.4

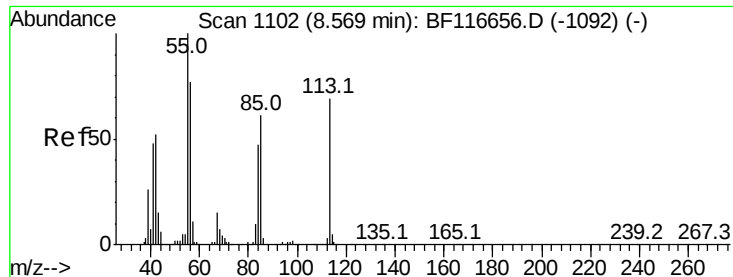


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

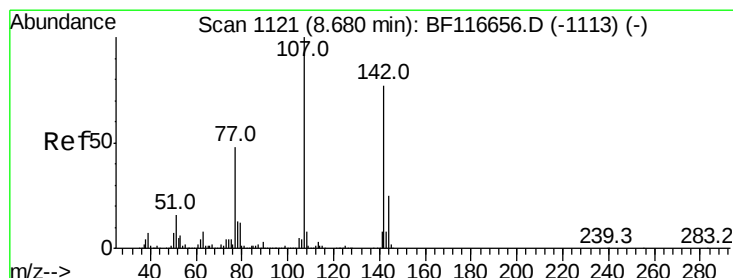
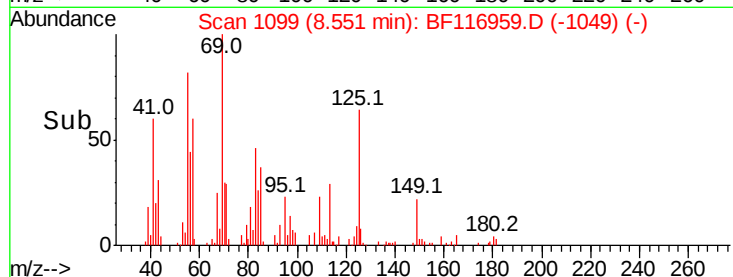
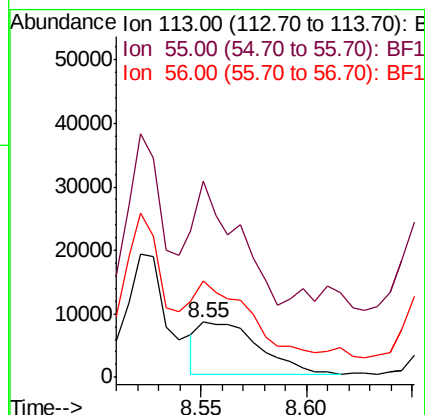
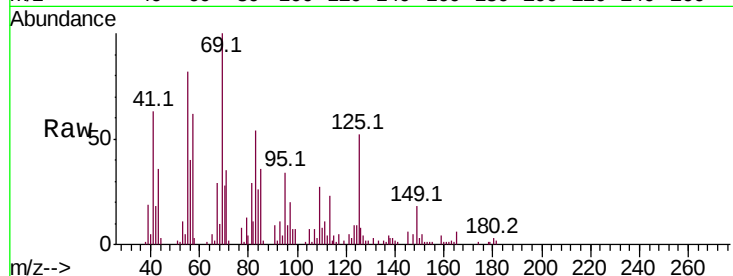




#35
 Caprolactam
 Concen: 13.395 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF116959.D
 Acq: 11 Sep 2019 21:08

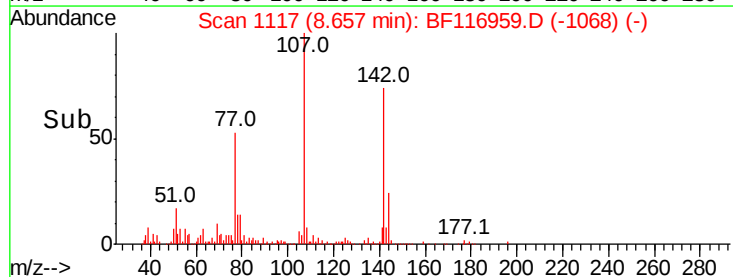
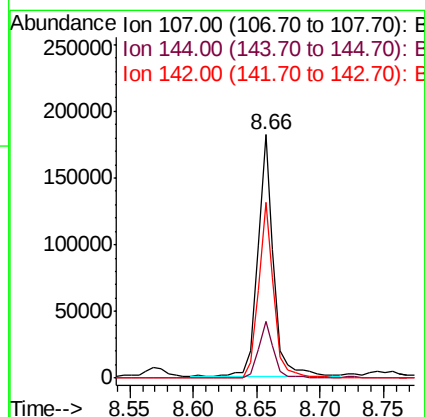
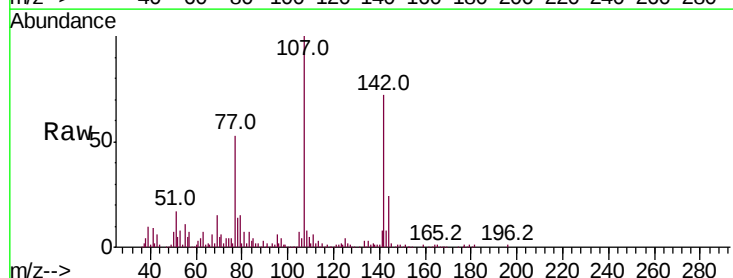
Instrument :
 BNA_F
 ClientSampleId :

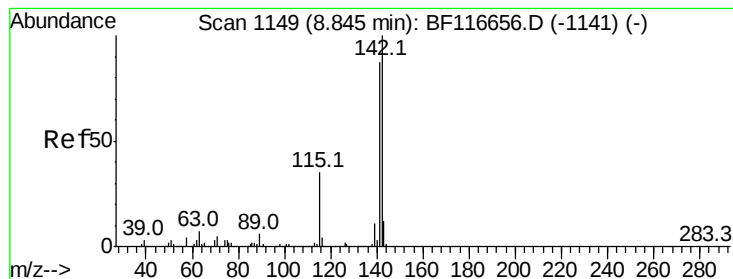
Tot Ion:113 Resp: 16365
 Ion Ratio Lower Upper
 113 100
 55 356.6 124.3 164.3#
 56 175.0 94.6 134.6#



#36
 4-Chloro-3-methylphenol
 Concen: 42.289 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF116959.D
 Acq: 11 Sep 2019 21:08

Tgt Ion:107 Resp: 158671
 Ion Ratio Lower Upper
 107 100
 144 23.5 18.6 27.8
 142 72.4 58.5 87.7

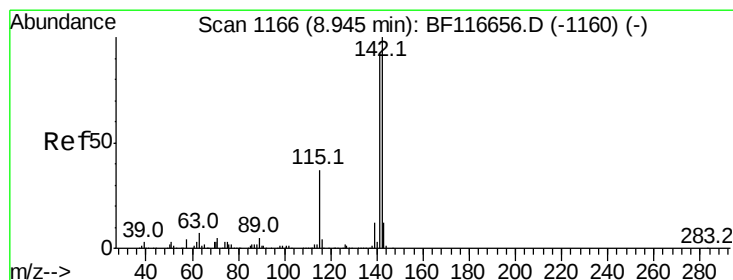
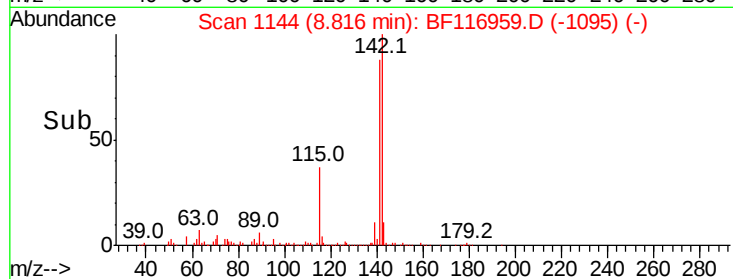
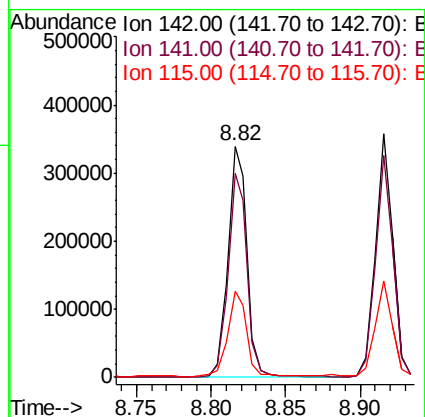
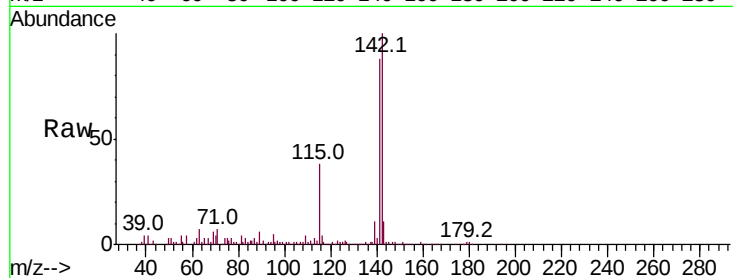




#37
 2-Methylnaphthalene
 Concen: 38.607 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF116959.D
 Acq: 11 Sep 2019 21:08

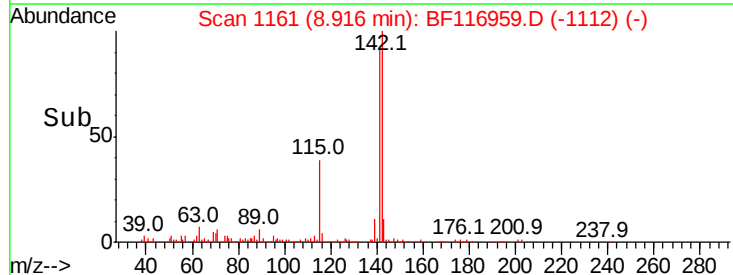
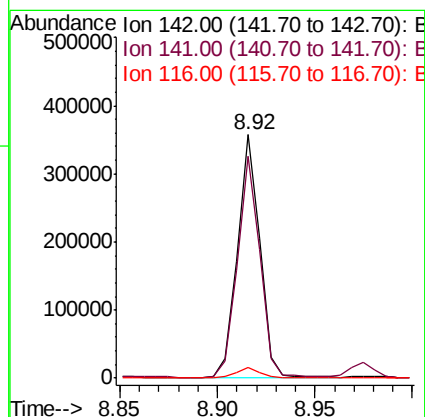
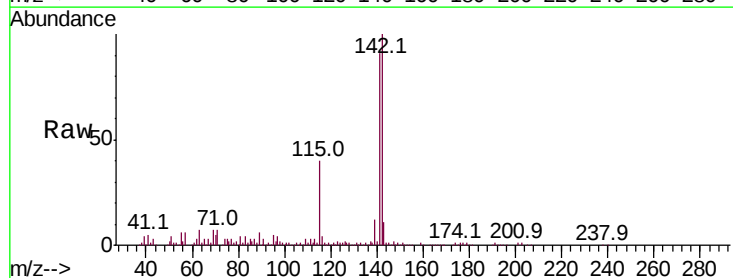
Instrument :
 BNA_F
 ClientSampled :

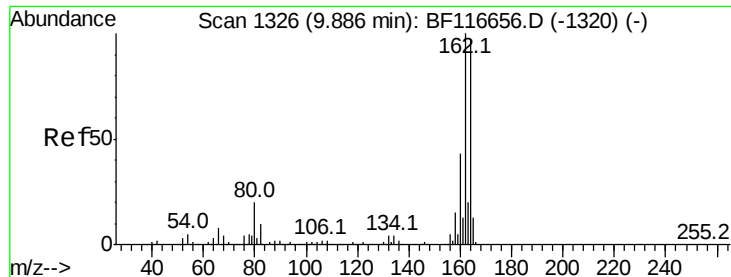
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.6	109.0
115	37.5	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 37.321 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF116959.D
 Acq: 11 Sep 2019 21:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.9	110.9
116	4.4	3.0	4.6

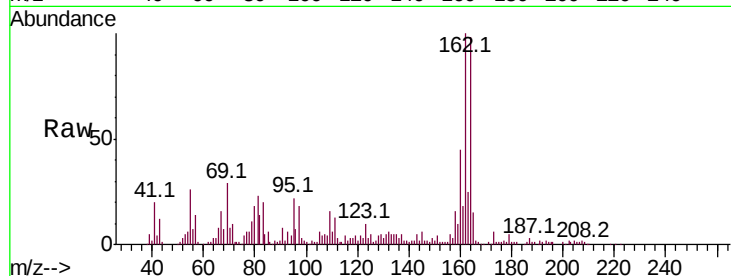




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.0
160	45.5	35.4	53.2

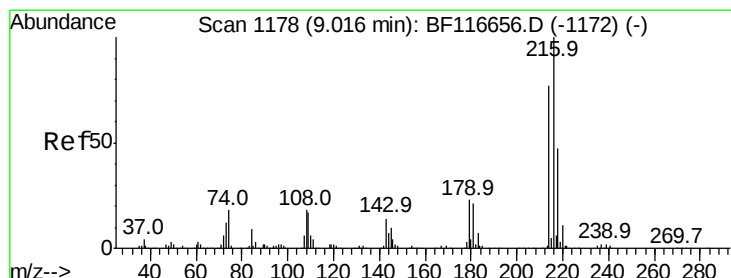
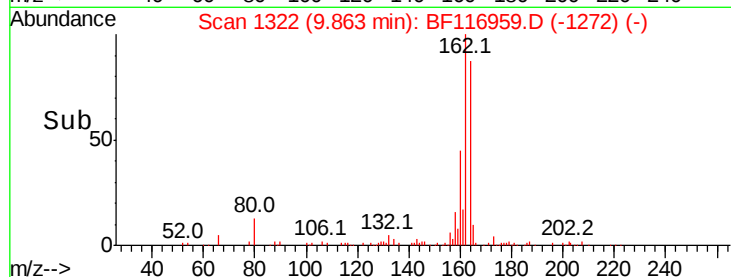
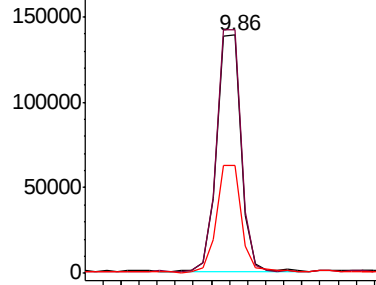


Abundance

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: 38.343 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.7	94.1
179	26.1	19.3	28.9
108	24.7	16.6	25.0

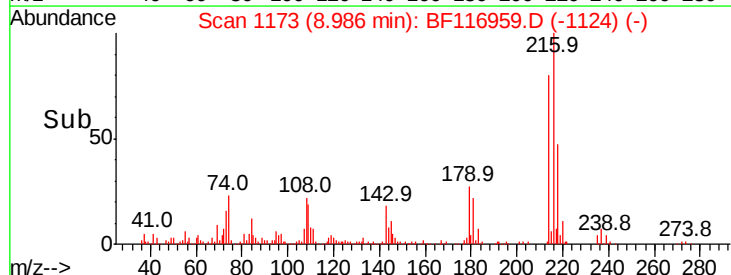
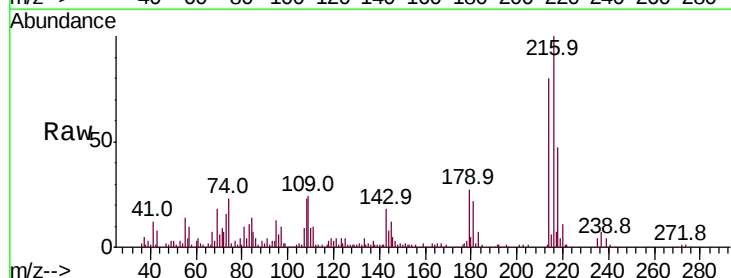
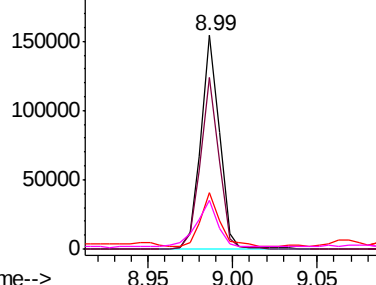
Abundance

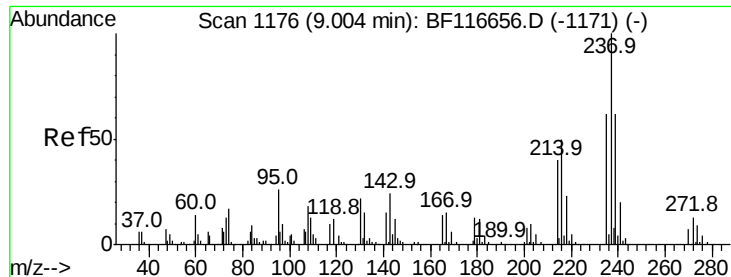
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 66.310 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

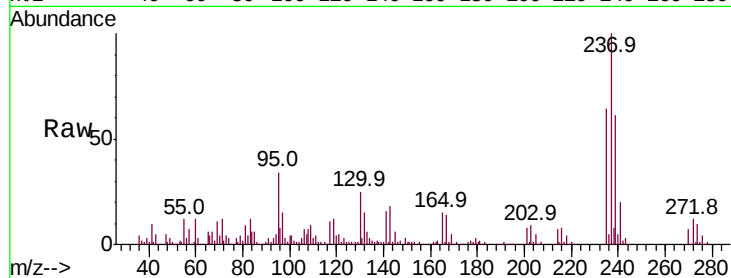
Tot Ion:237 Resp: 118203

Ion Ratio Lower Upper

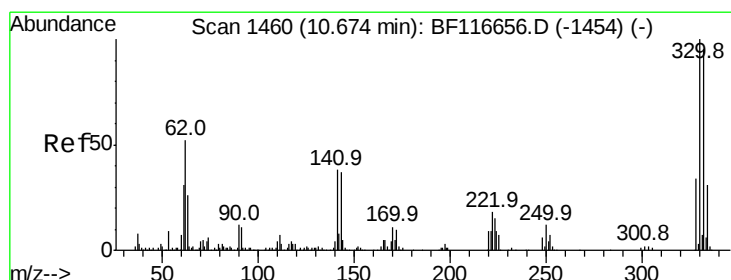
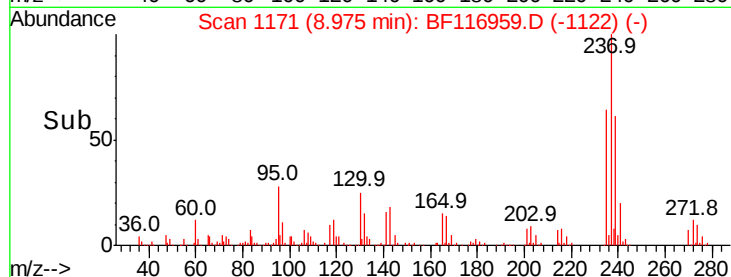
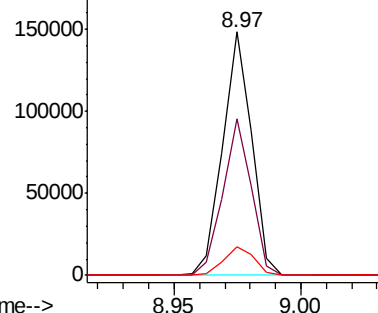
237 100

235 64.5 41.4 81.4

272 11.9 0.0 32.8



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: 131.168 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

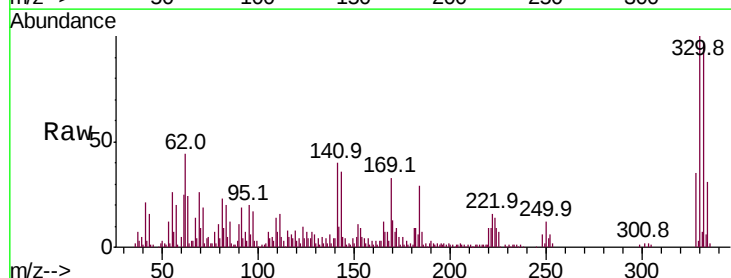
Tgt Ion:330 Resp: 112918

Ion Ratio Lower Upper

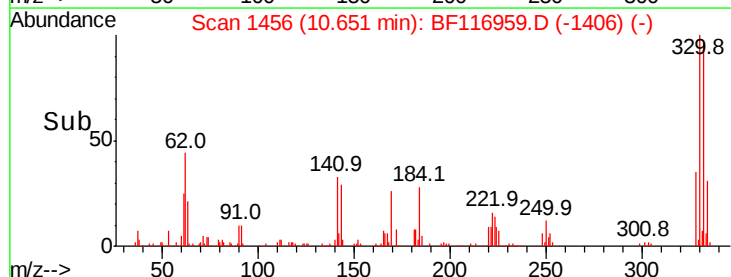
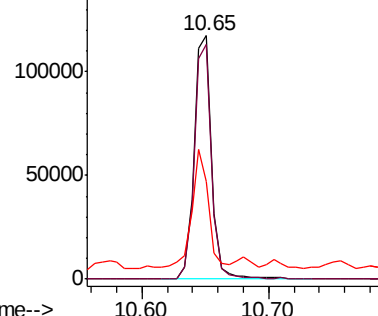
330 100

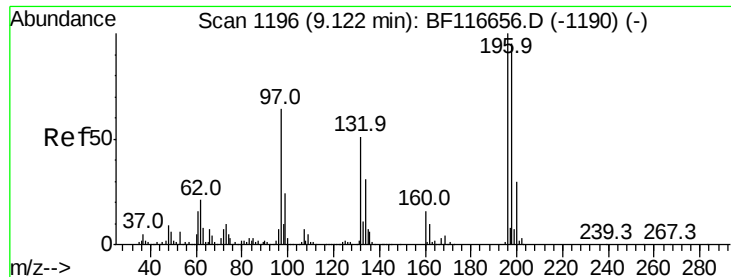
332 95.2 76.9 115.3

141 45.6 31.4 47.2



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

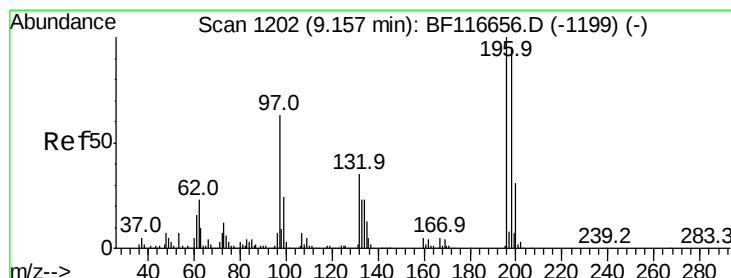
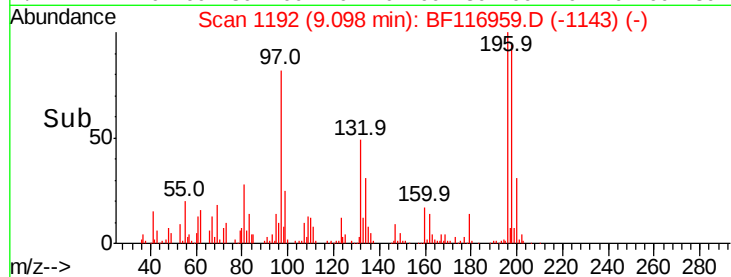
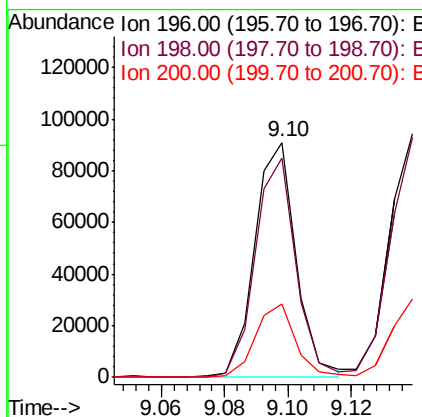
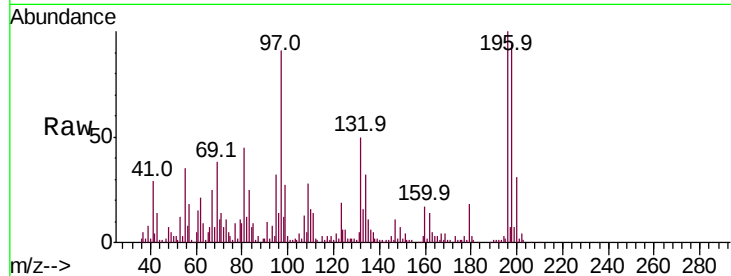




#43
 2,4,6-Trichlorophenol
 Concen: 38.886 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF116959.D
 Acq: 11 Sep 2019 21:08

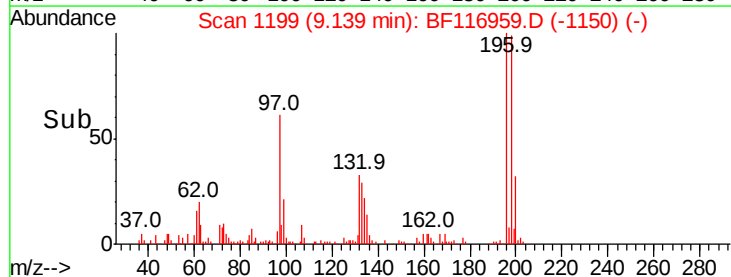
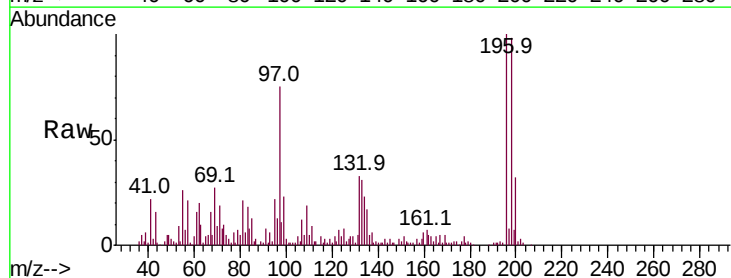
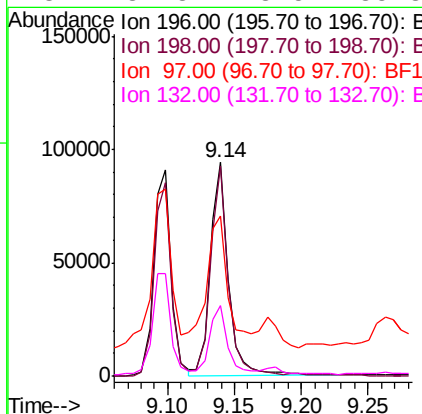
Instrument :
 BNA_F
 ClientSampleId :

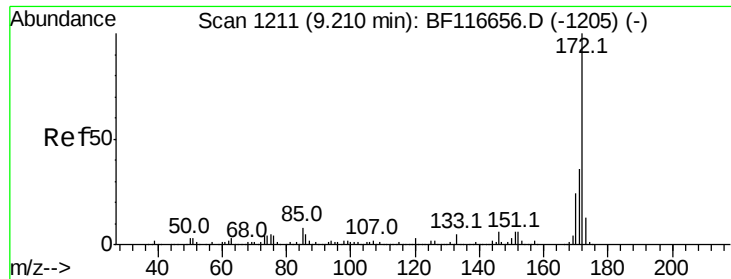
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.5	79.1	118.7
200	31.2	24.0	36.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.801 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF116959.D
 Acq: 11 Sep 2019 21:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	78.1	117.1
97	74.8	41.6	62.4#
132	32.8	23.5	35.3

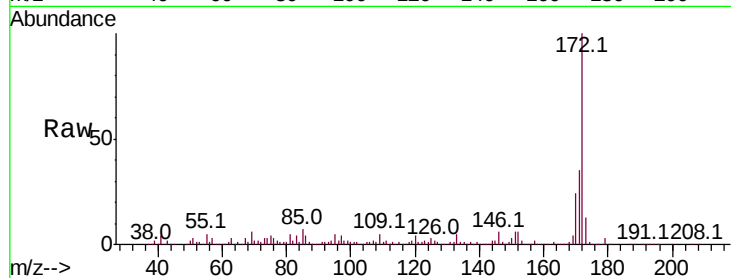




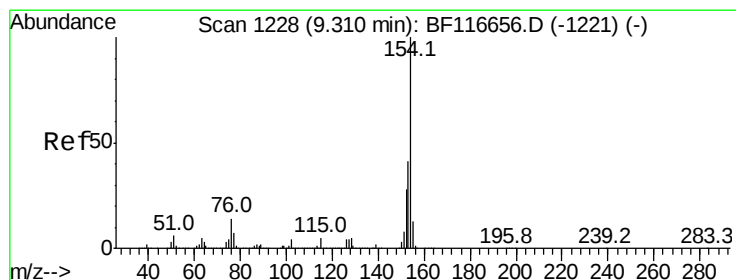
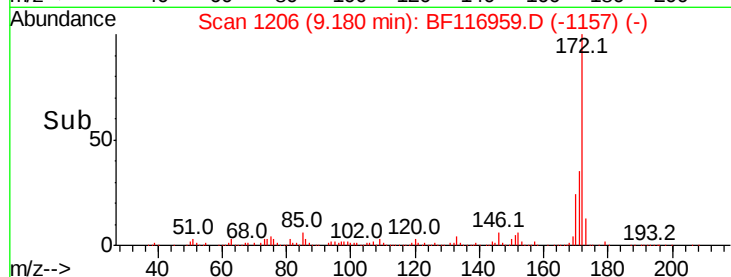
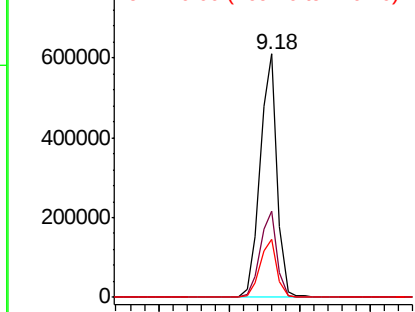
#45
2-Fluorobiphenyl
Concen: 67.966 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 518831
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 23.9 18.9 28.3

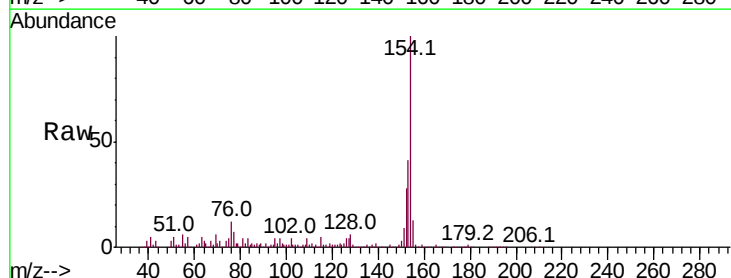


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

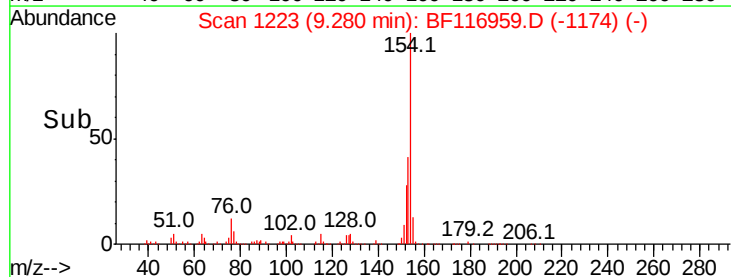
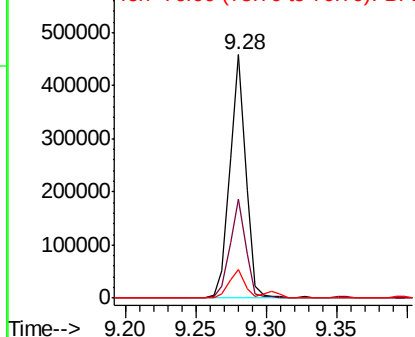


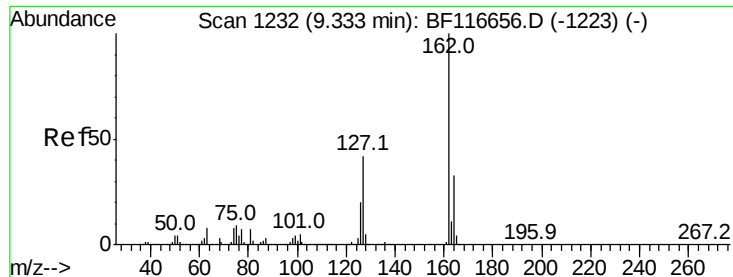
#46
1,1'-Biphenyl
Concen: 36.846 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Tgt Ion:154 Resp: 360040
Ion Ratio Lower Upper
154 100
153 40.7 21.2 61.2
76 11.6 0.0 30.9



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

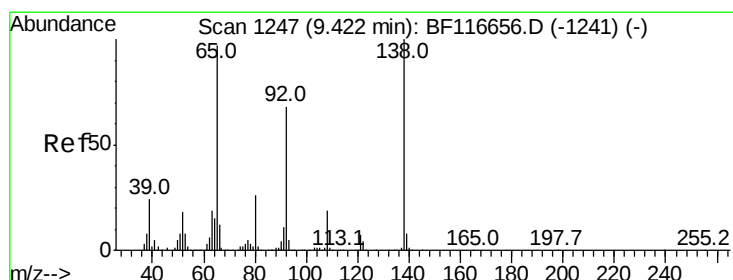
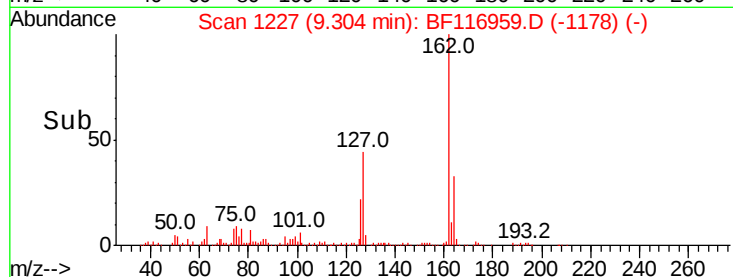
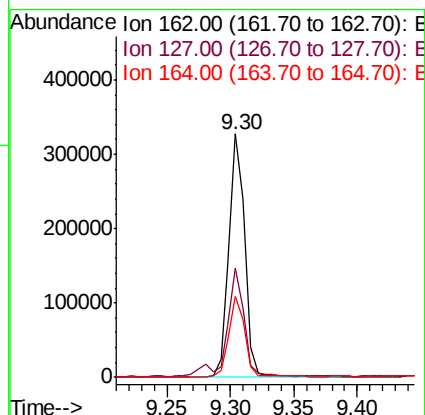
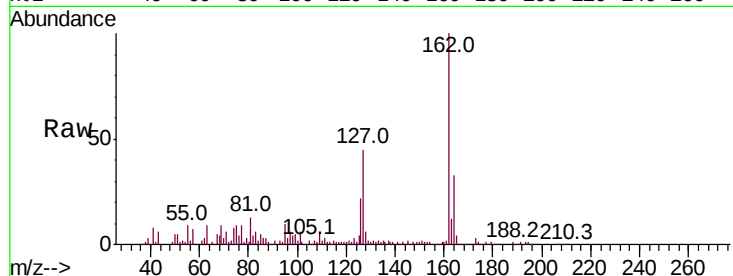




#47
2-Chloronaphthalene
Concen: 36.331 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

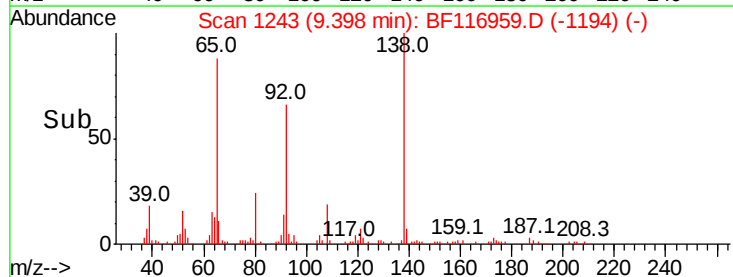
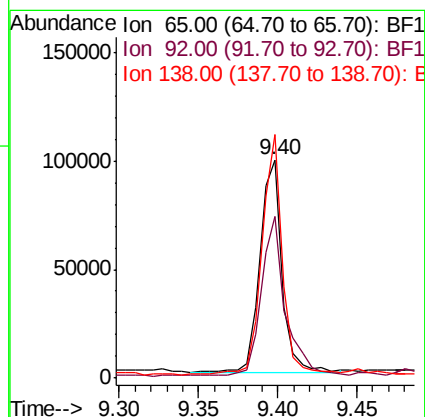
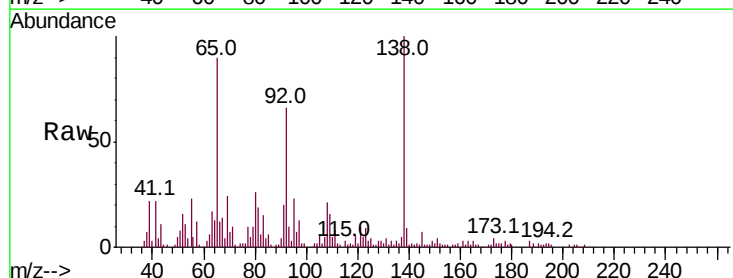
Instrument :
BNA_F
ClientSampleId :

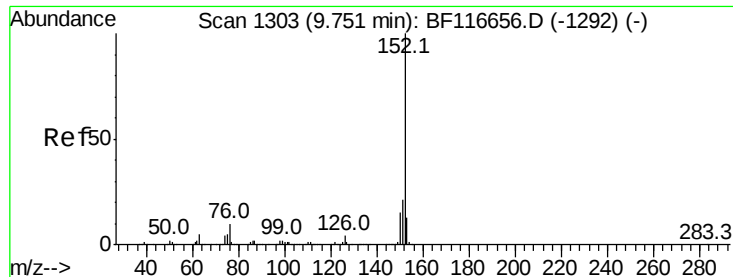
Tot Ion	Ratio	Lower	Upper
162	100		
127	44.7	33.4	50.2
164	33.2	26.6	39.8



#48
2-Nitroaniline
Concen: 42.320 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	57.1	85.7
138	111.7	88.2	132.2





#49

Acenaphthylene

Concen: 38.087 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

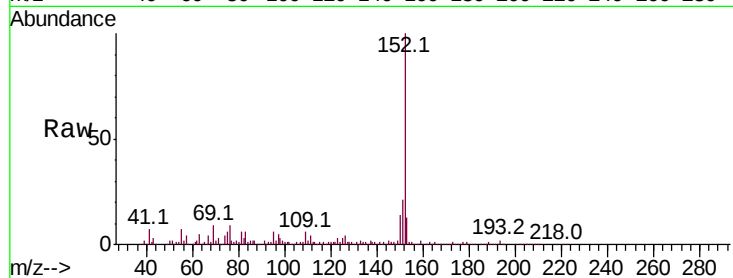
Tot Ion:152 Resp: 445583

Ion Ratio Lower Upper

152 100

151 20.9 15.9 23.9

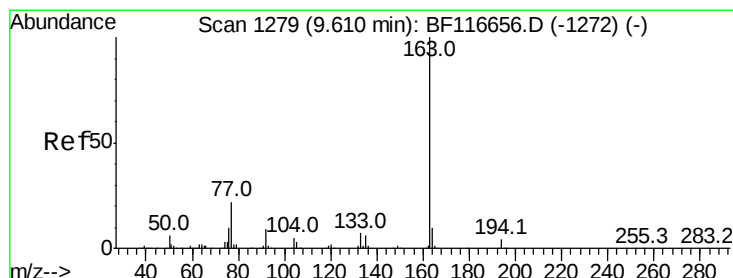
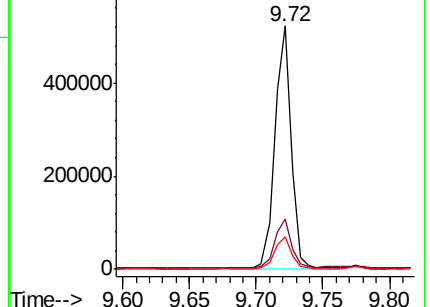
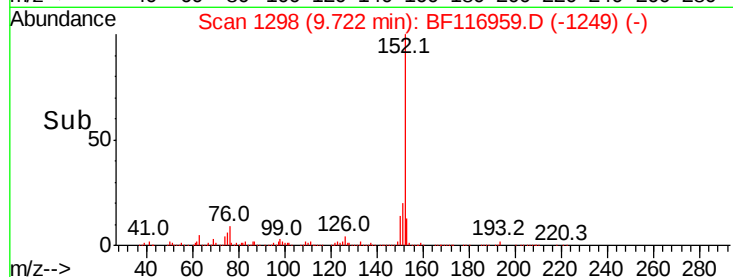
153 13.1 10.9 16.3



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: 46.588 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

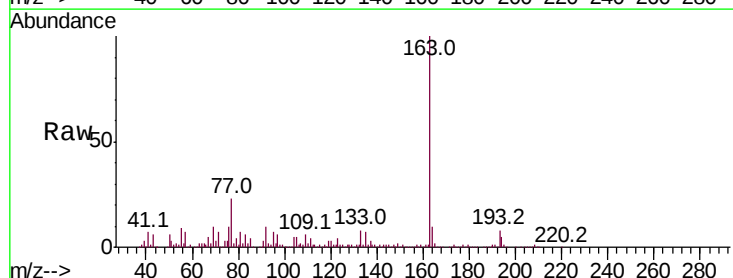
Tgt Ion:163 Resp: 414185

Ion Ratio Lower Upper

163 100

194 4.6 2.8 4.2#

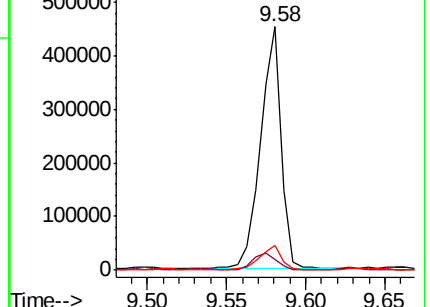
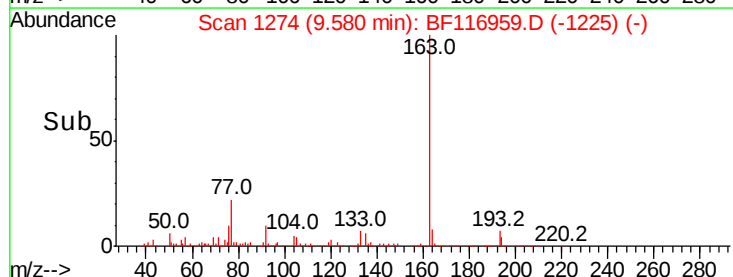
164 10.0 8.6 12.8

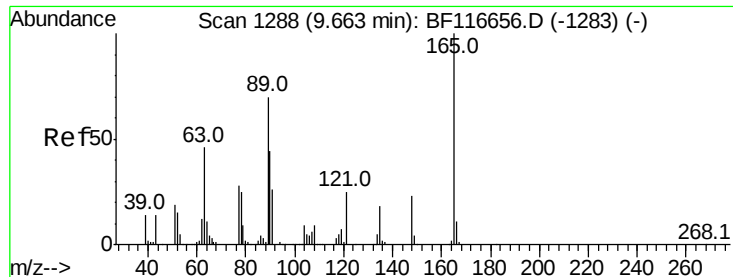


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.674 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

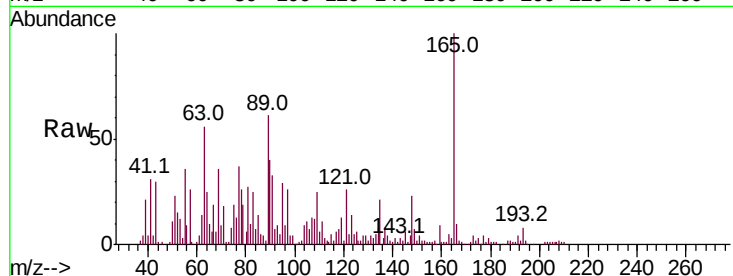
Tot Ion:165 Resp: 74081

Ion Ratio Lower Upper

165 100

63 56.2 47.3 70.9

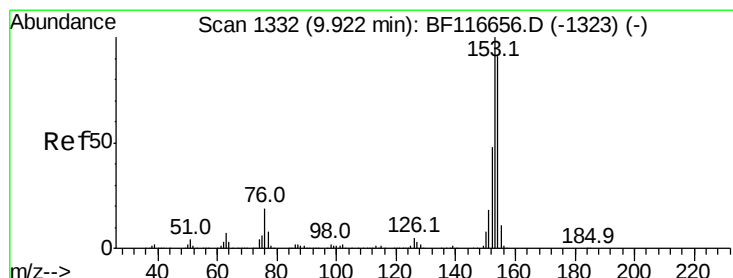
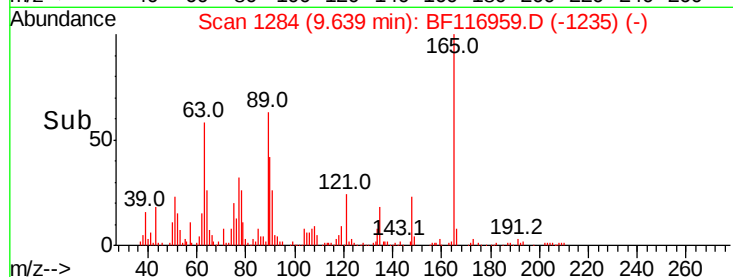
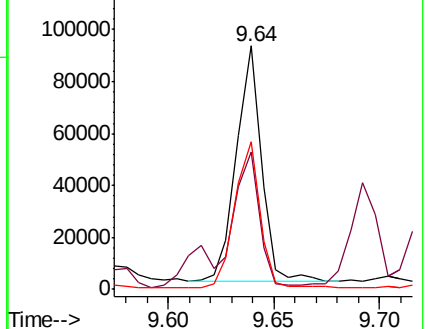
89 60.5 52.5 78.7



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: 39.681 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

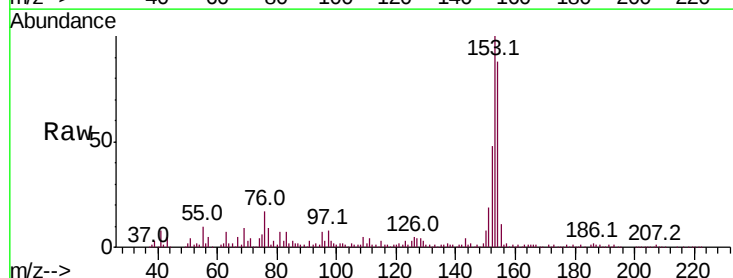
Tgt Ion:154 Resp: 285234

Ion Ratio Lower Upper

154 100

153 113.1 89.5 134.3

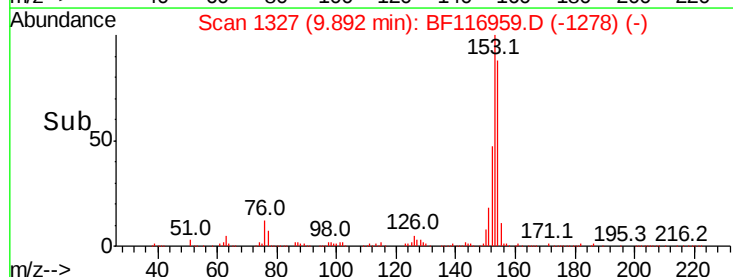
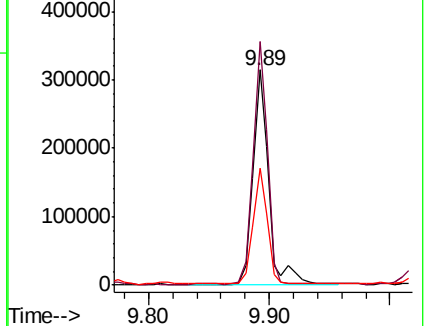
152 54.1 41.9 62.9

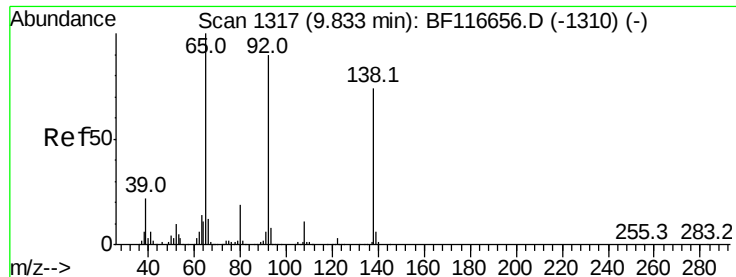


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

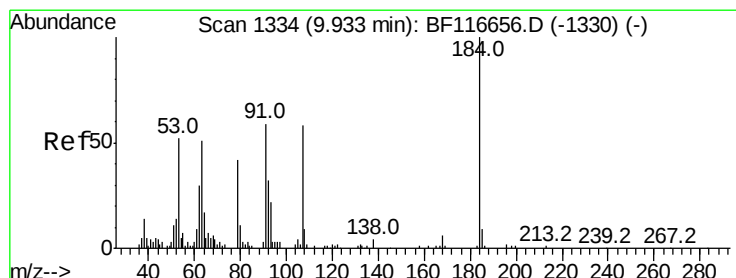
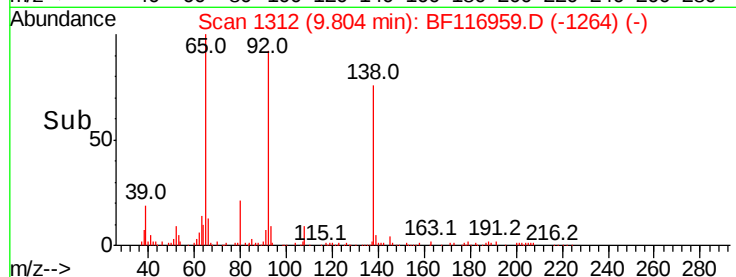
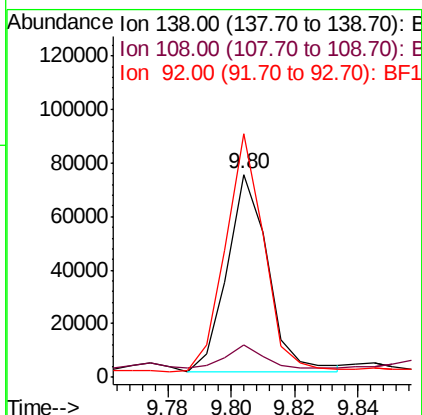
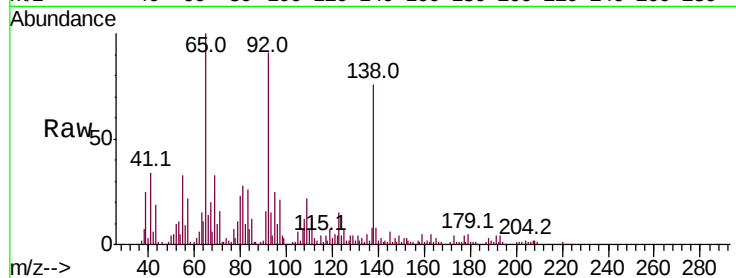




#53
3-Nitroaniline
Concen: 30.696 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

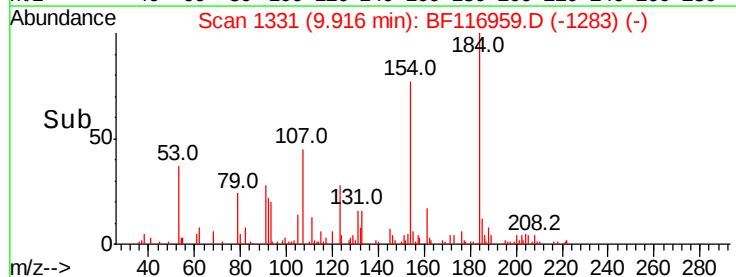
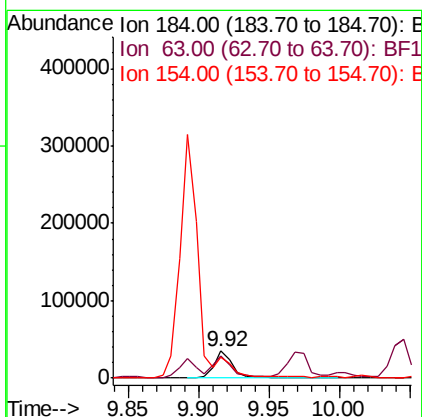
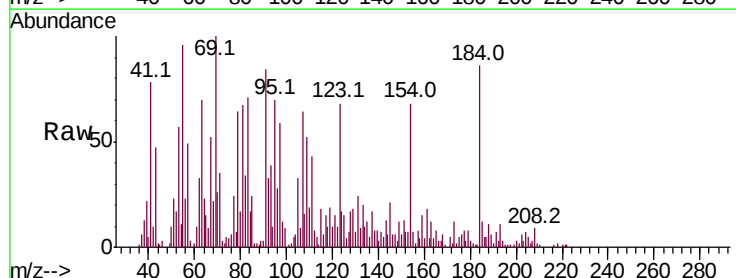
Instrument :
BNA_F
ClientSampleId :

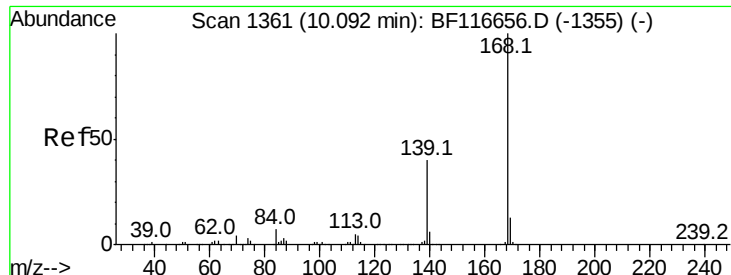
Tot Ion:138 Resp: 65251
Ion Ratio Lower Upper
138 100
108 15.8 8.5 12.7#
92 119.9 87.2 130.8



#54
2,4-Dinitrophenol
Concen: 58.305 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Tgt Ion:184 Resp: 33428
Ion Ratio Lower Upper
184 100
63 81.3 52.2 78.2#
154 79.2 60.8 91.2

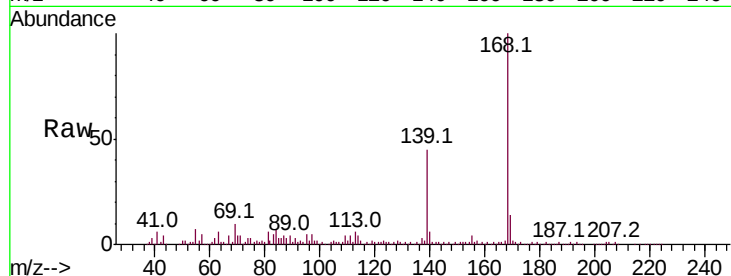




#55
Dibenzofuran
Concen: 38.516 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
168	100		
139	45.1	31.5	47.3
169	13.8	10.3	15.5

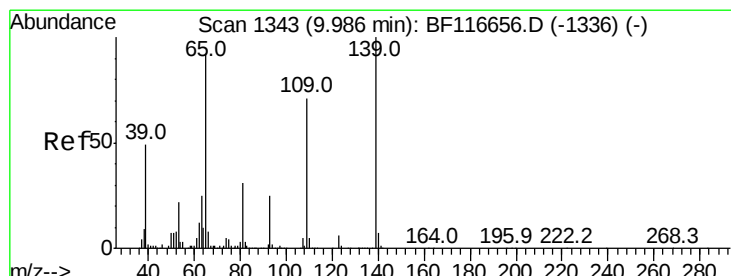
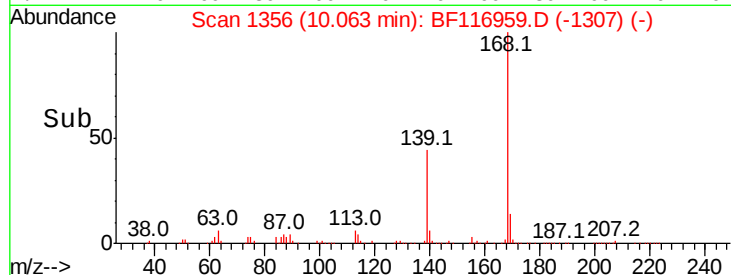
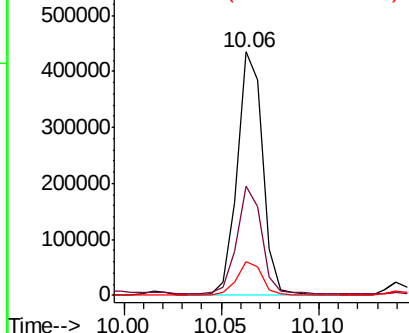


Abundance

Ion 168.00 (167.70 to 168.70): E

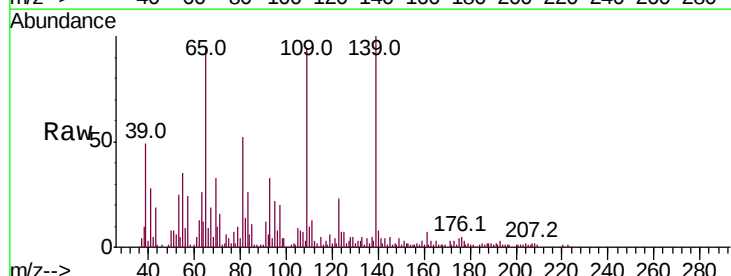
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 83.972 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.7	61.7	101.7
65	94.7	89.1	129.1

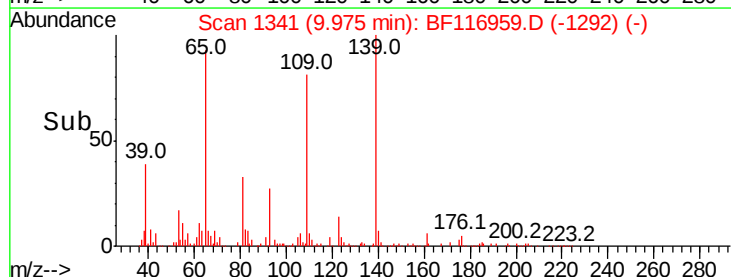
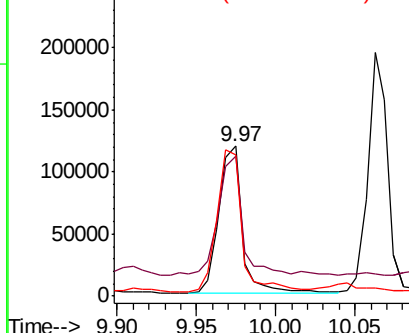


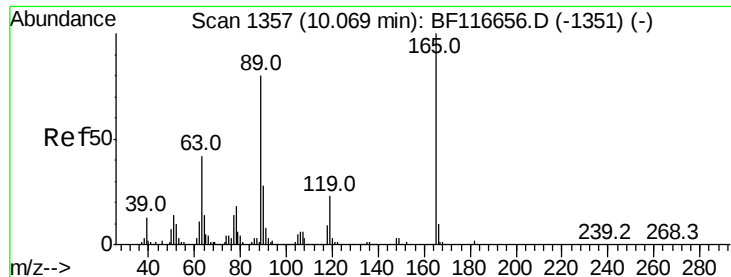
Abundance

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

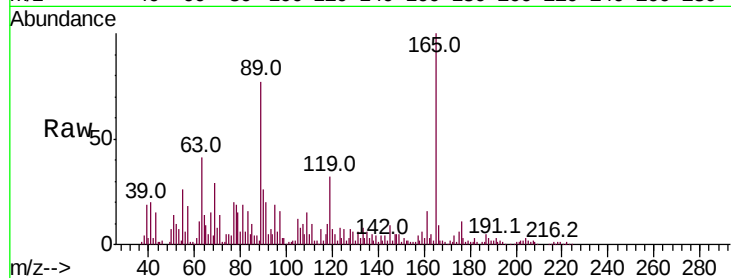




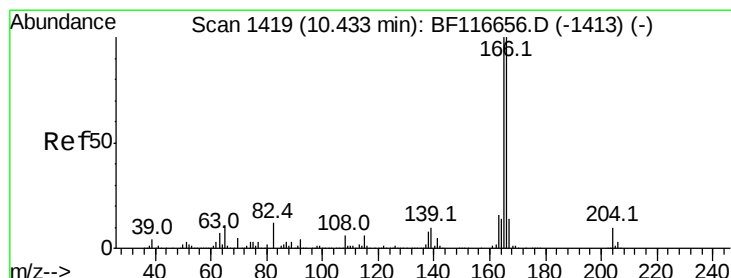
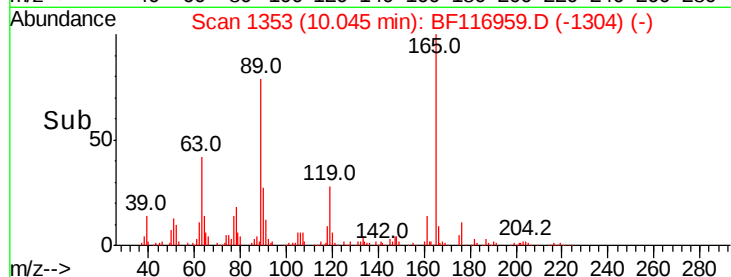
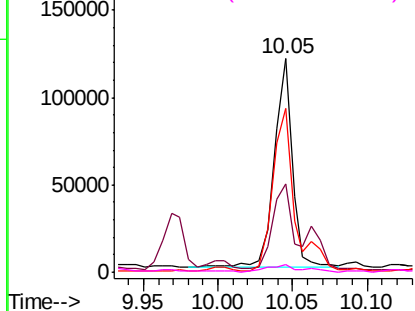
#57
2,4-Dinitrotoluene
Concen: 48.423 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	100432
Ion	Ratio	Lower	Upper
165	100		
63	41.3	36.4	54.6
89	76.7	62.6	94.0
182	3.4	2.1	3.1#

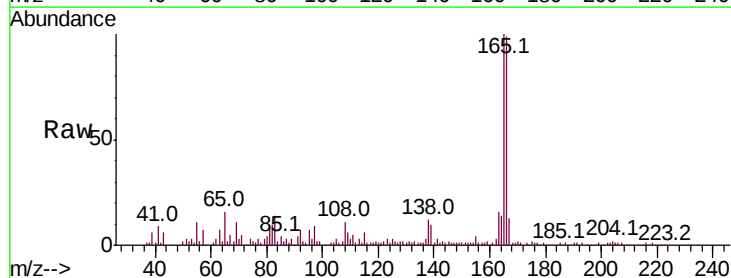


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

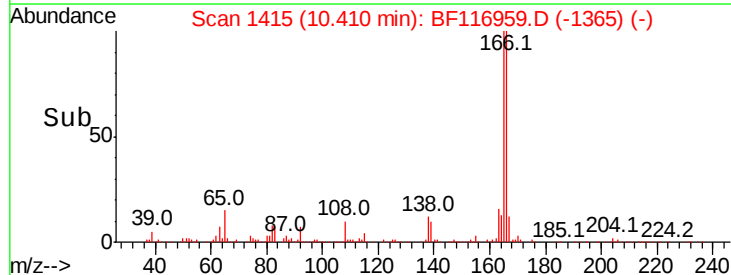
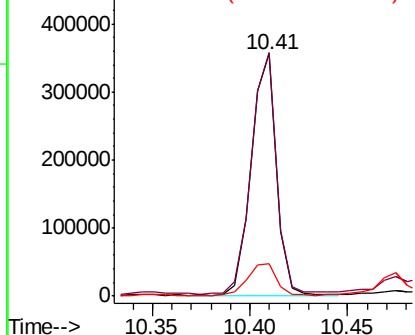


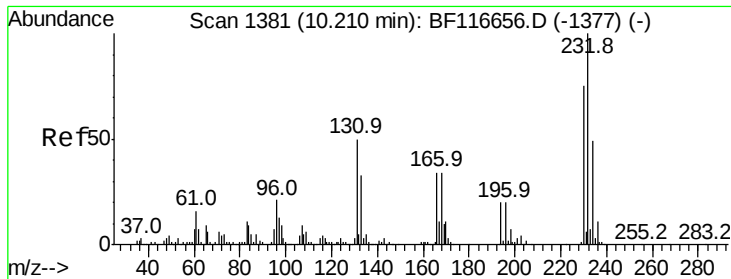
#58
Fluorene
Concen: 40.836 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Tgt Ion:	166	Resp:	315300
Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.8	118.2
167	13.3	10.0	15.0



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

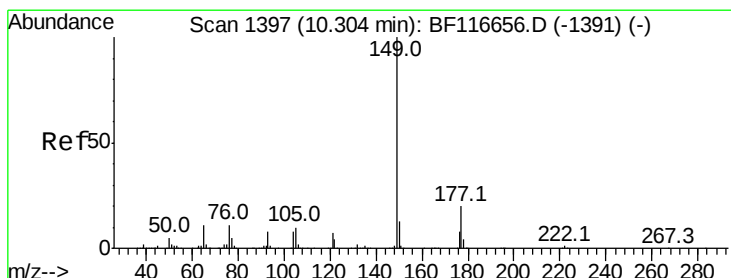
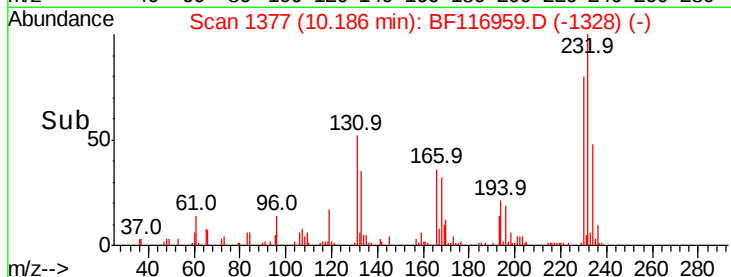
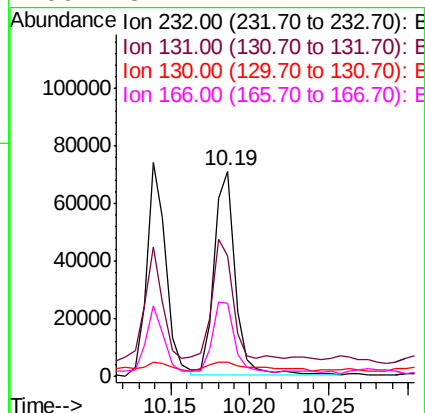
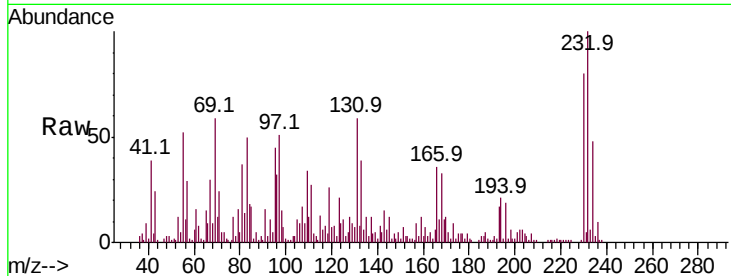




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.574 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF116959.D
 Acq: 11 Sep 2019 21:08

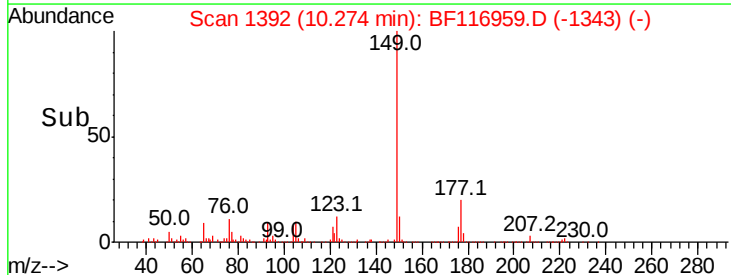
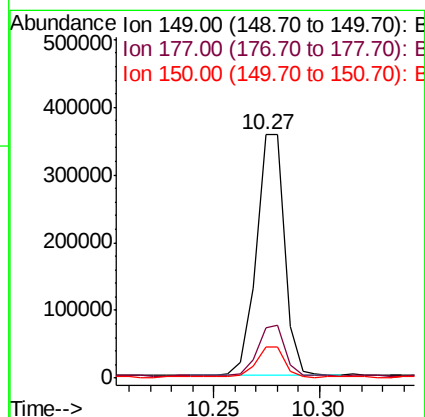
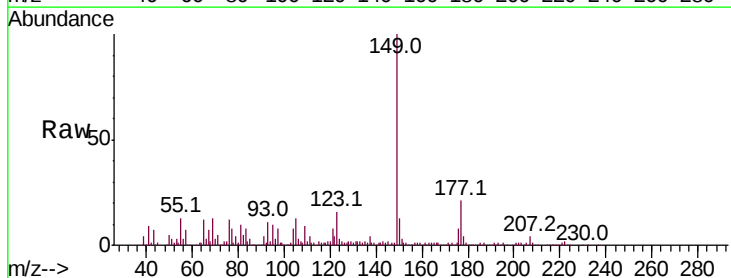
Instrument :
 BNA_F
 ClientSampleId :

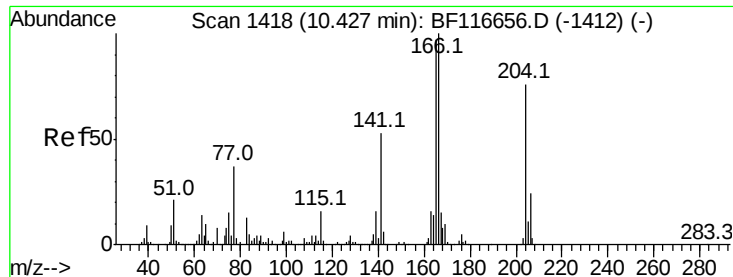
Tot Ion:232 Resp: 65915
 Ion Ratio Lower Upper
 232 100
 131 56.1 42.7 64.1
 130 10.3 1.9 2.9#
 166 34.4 27.4 41.2



#60
 Diethylphthalate
 Concen: 37.439 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF116959.D
 Acq: 11 Sep 2019 21:08

Tgt Ion:149 Resp: 333409
 Ion Ratio Lower Upper
 149 100
 177 20.8 17.2 25.8
 150 12.7 9.7 14.5

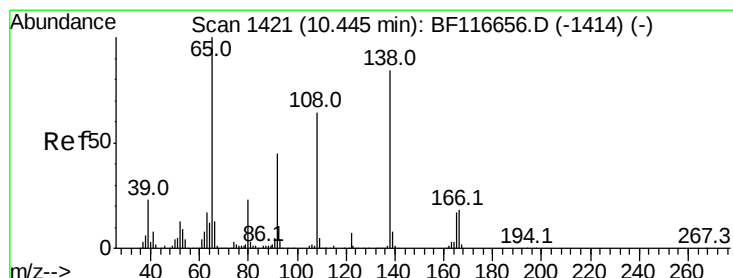
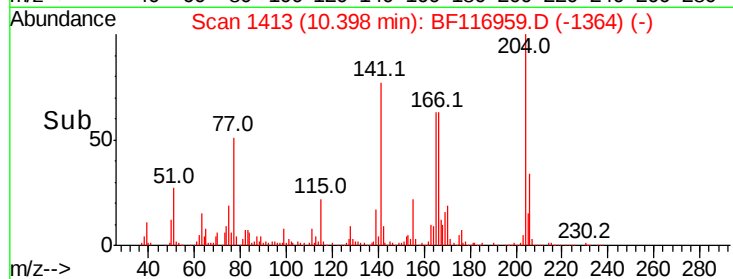
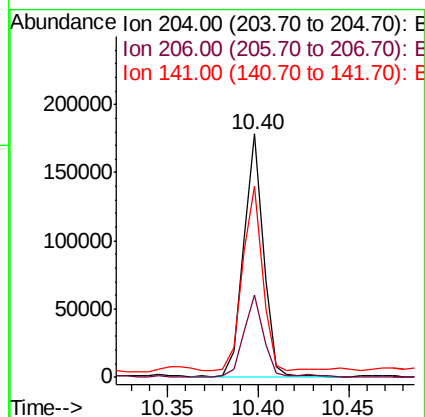
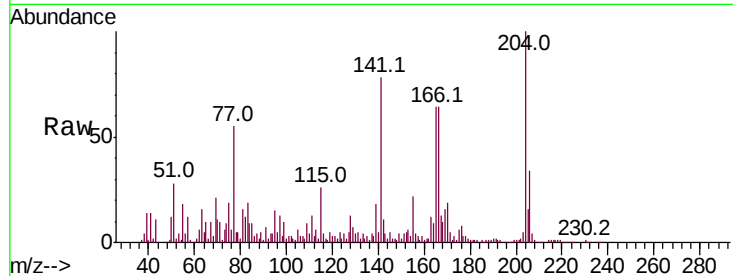




#61
4-Chlorophenyl-phenylether
Concen: 39.516 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

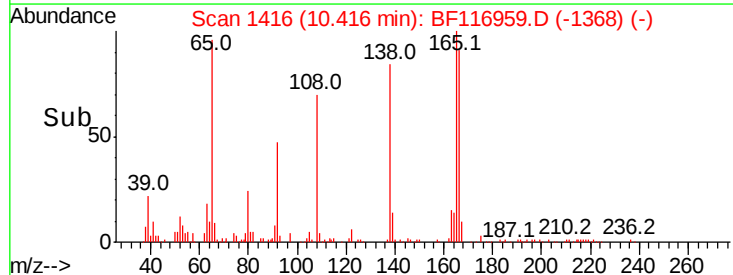
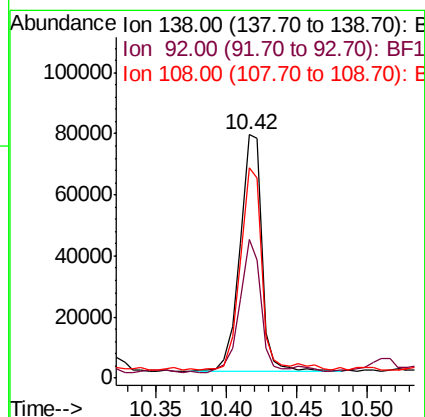
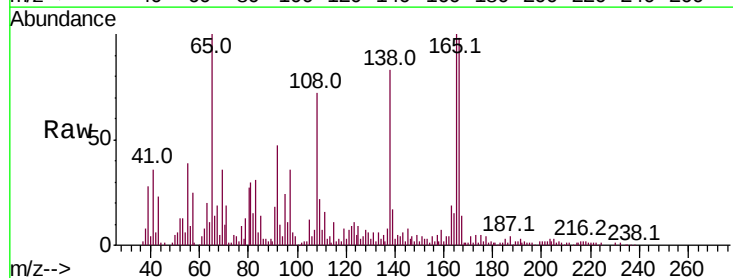
Instrument :
BNA_F
ClientSampled :

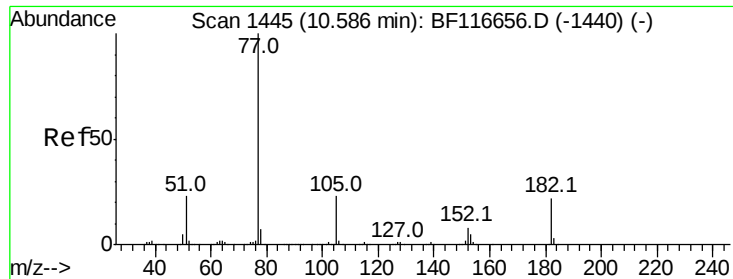
Tot Ion:204 Resp: 133607
Ion Ratio Lower Upper
204 100
206 33.9 25.4 38.2
141 78.3 53.8 80.8



#62
4-Nitroaniline
Concen: 40.992 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Tgt Ion:138 Resp: 84564
Ion Ratio Lower Upper
138 100
92 56.7 28.7 68.7
108 86.7 60.4 100.4

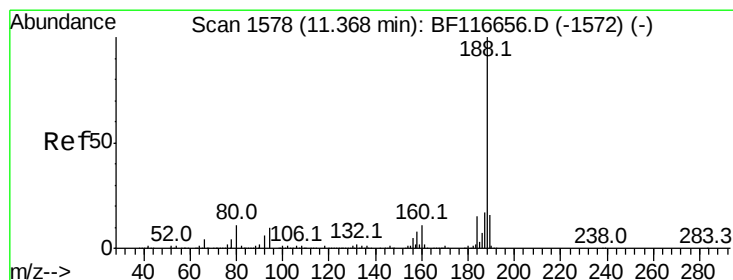
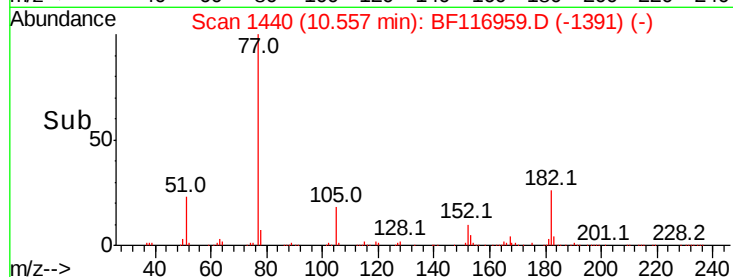
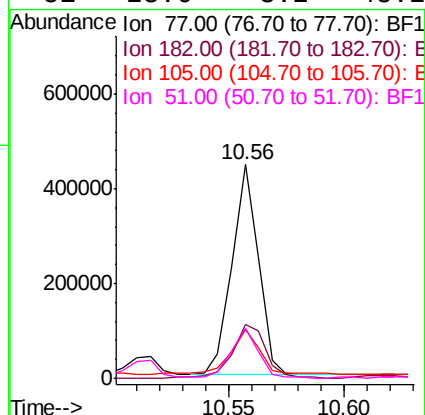
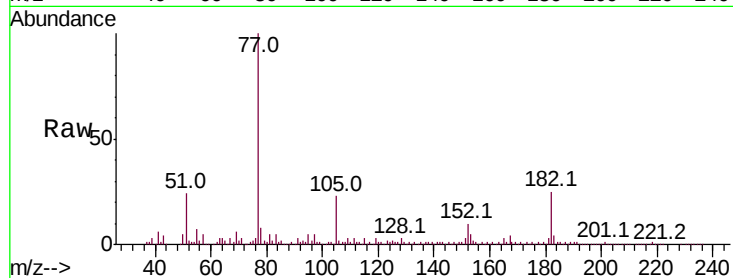




#63
Azobenzene
Concen: 38.099 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

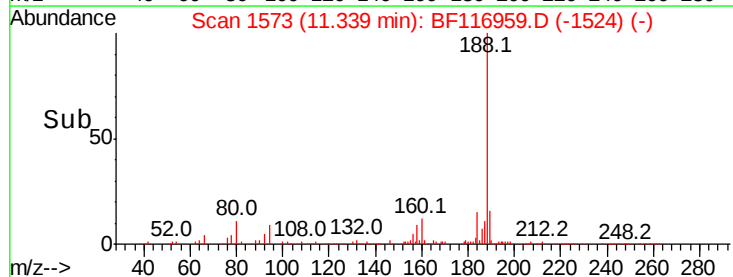
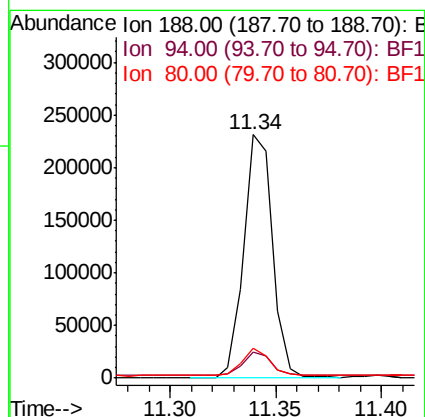
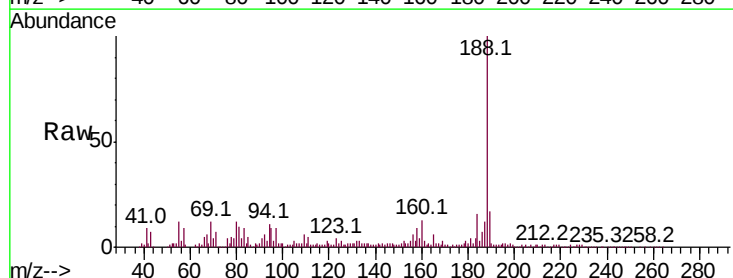
Instrument :
BNA_F
ClientSampleId :

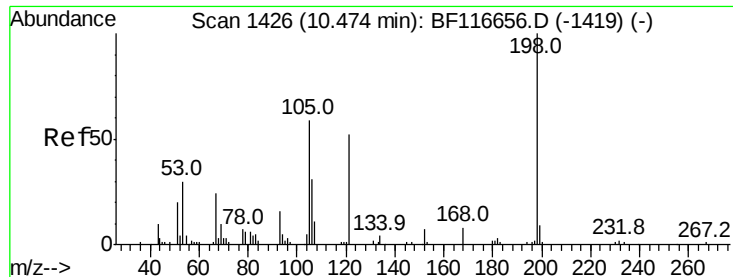
Tot Ion:	77	Resp:	353787
Ion	Ratio	Lower	Upper
77	100		
182	25.1	1.2	41.2
105	22.6	0.6	40.6
51	23.6	8.2	48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Tgt Ion:	188	Resp:	217766
Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.3	10.9
80	12.5	8.4	12.6

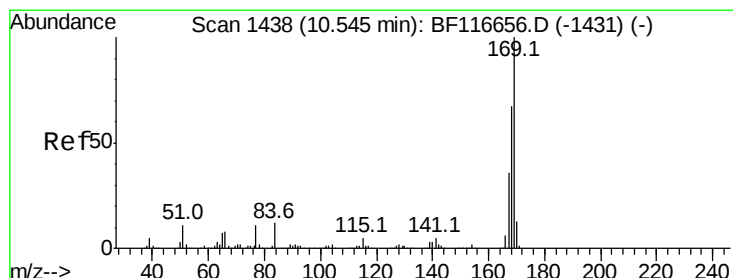
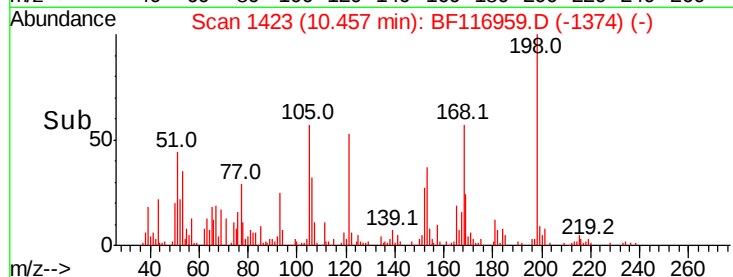
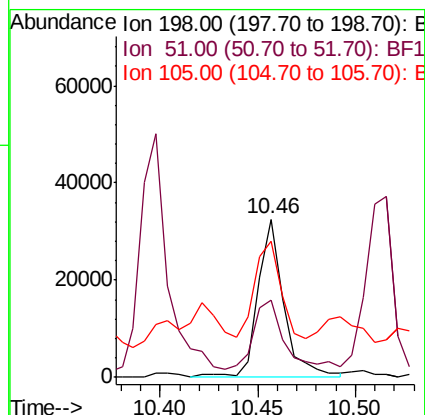
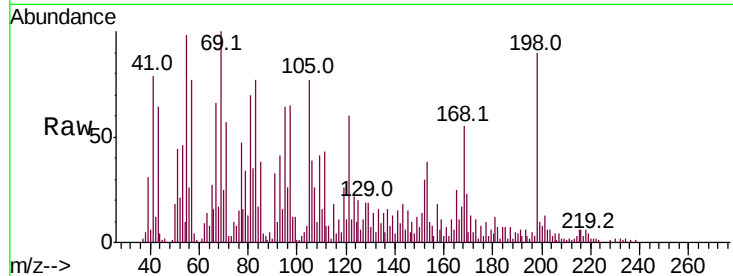




#65
4,6-Dinitro-2-methylphenol
Concen: 39.369 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

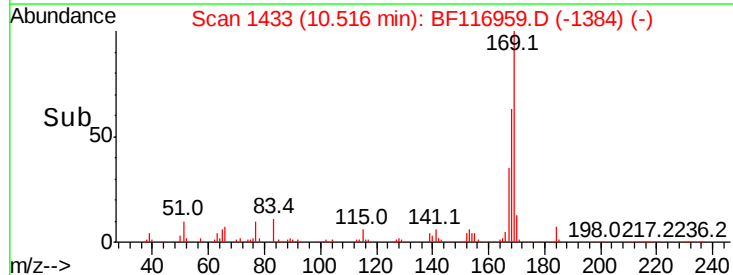
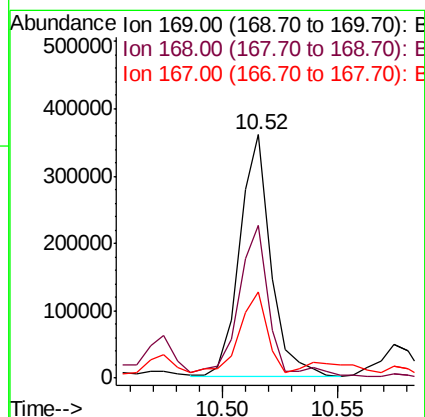
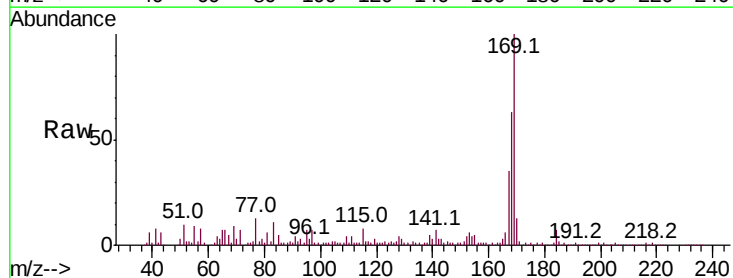
Instrument :
BNA_F
ClientSampled :

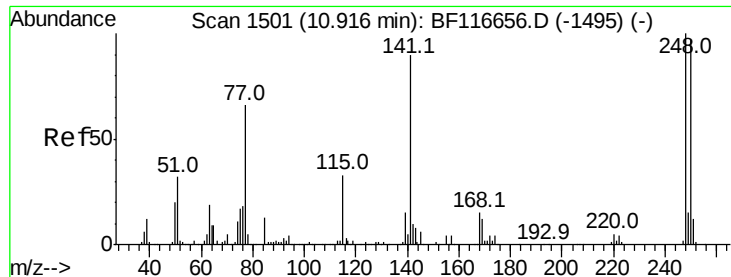
Tot Ion:198 Resp: 30303
Ion Ratio Lower Upper
198 100
51 48.6 18.4 58.4
105 85.6 22.9 62.9#



#66
n-Nitrosodiphenylamine
Concen: 44.955 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Tgt Ion:169 Resp: 338660
Ion Ratio Lower Upper
169 100
168 62.9 55.8 83.6
167 35.2 29.4 44.2

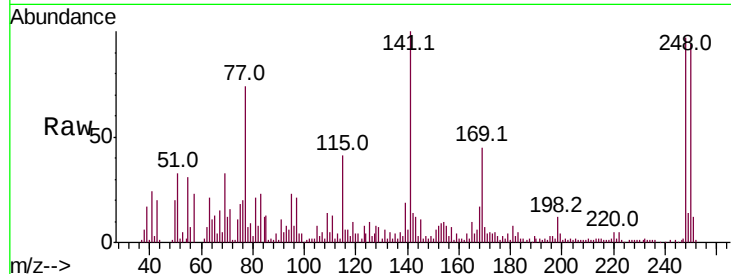




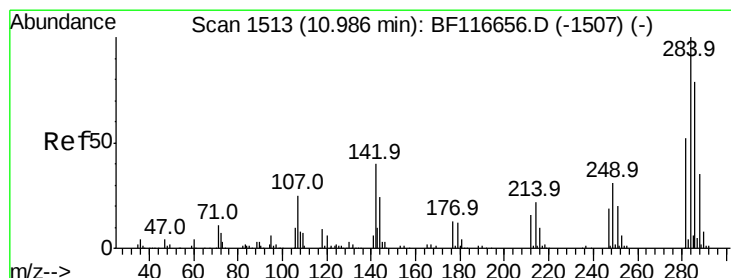
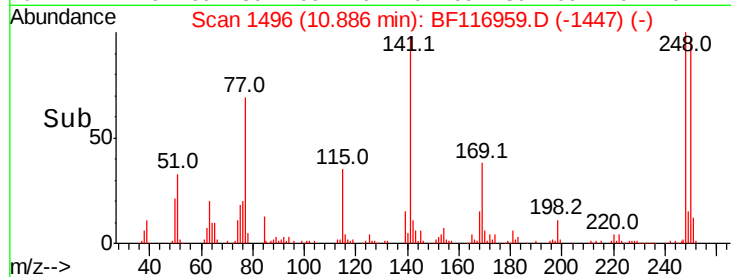
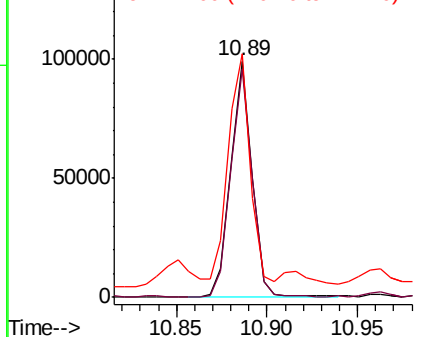
#67
 4-Bromophenyl-phenylether
 Concen: 37.185 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF116959.D
 Acq: 11 Sep 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 82261
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.8 116.8
 141 103.1 75.9 113.9

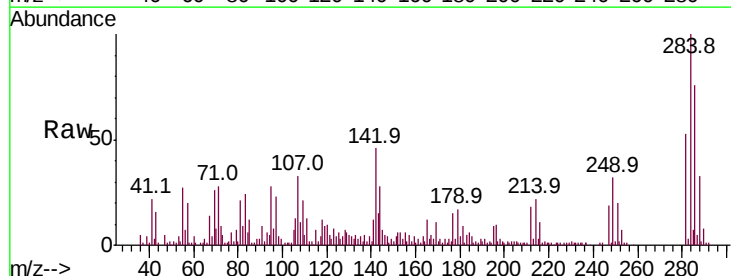


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

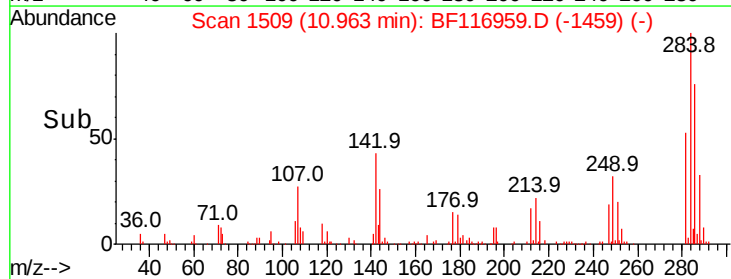
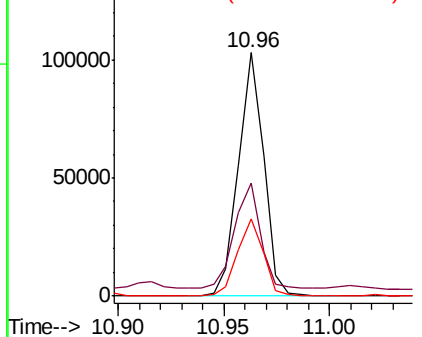


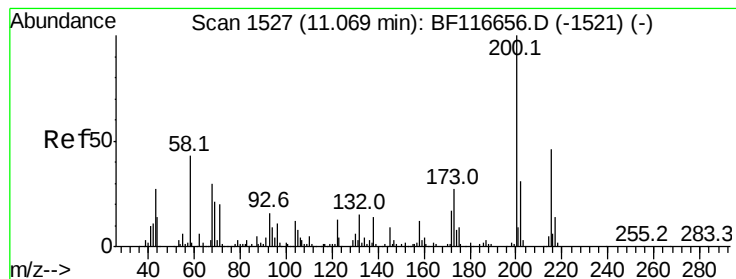
#68
 Hexachlorobenzene
 Concen: 36.895 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF116959.D
 Acq: 11 Sep 2019 21:08

Tgt Ion:284 Resp: 85396
 Ion Ratio Lower Upper
 284 100
 142 46.2 34.0 51.0
 249 31.7 26.4 39.6



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





#69

Atrazine

Concen: 39.301 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampled :

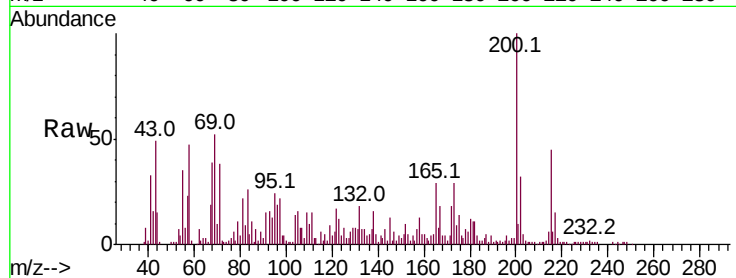
Tot Ion:200 Resp: 82919

Ion Ratio Lower Upper

200 100

173 29.3 6.2 46.2

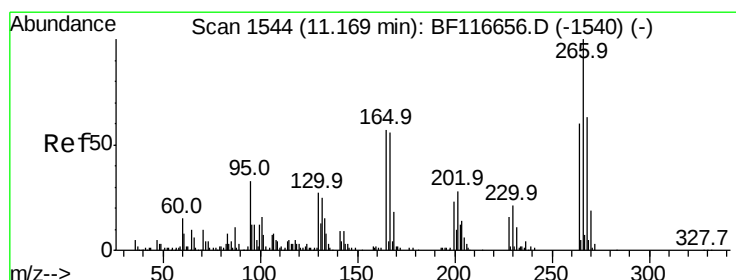
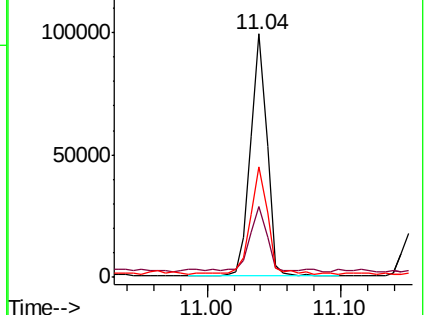
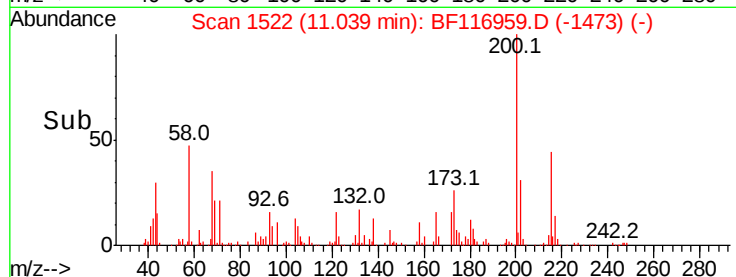
215 45.3 24.3 64.3



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: 71.318 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

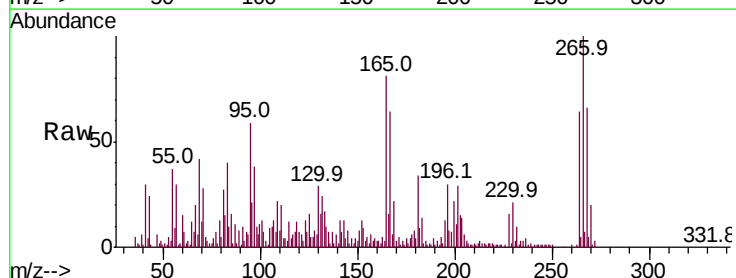
Tgt Ion:266 Resp: 79852

Ion Ratio Lower Upper

266 100

268 65.7 51.2 76.8

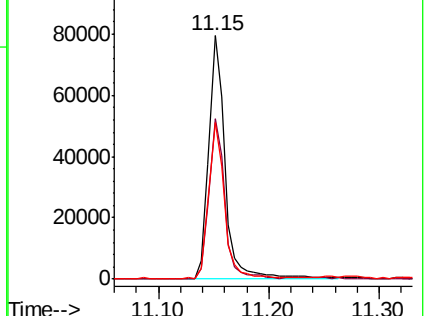
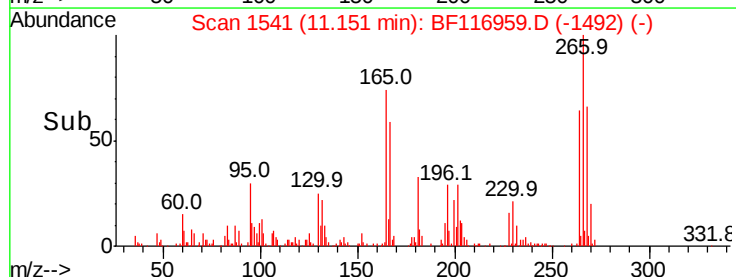
264 64.4 51.9 77.9

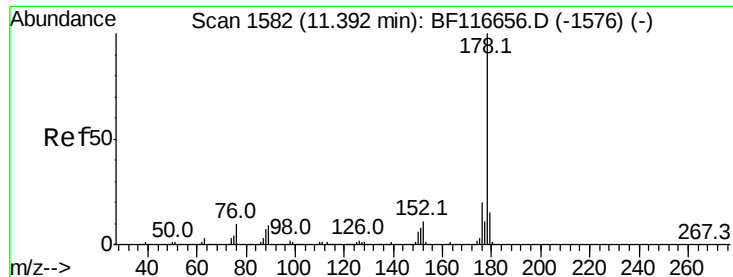


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.656 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

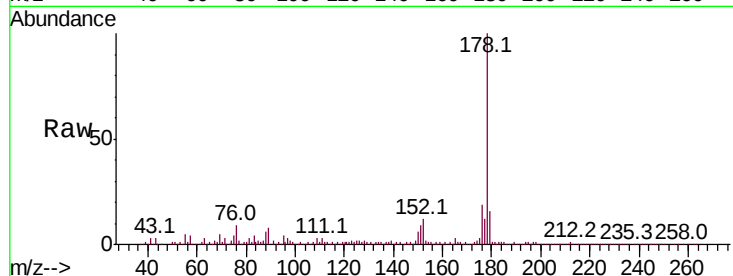
Tot Ion:178 Resp: 480717

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

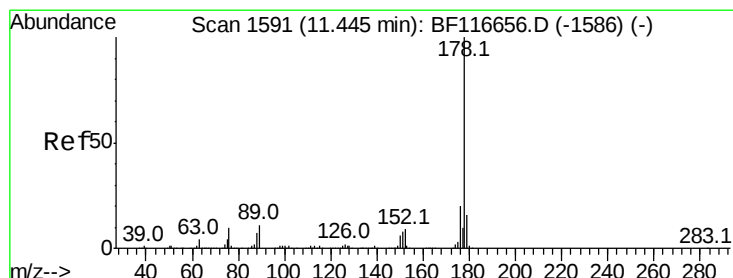
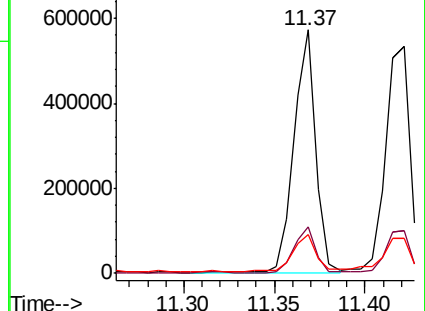
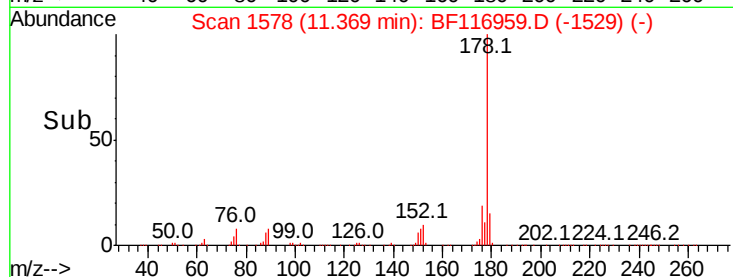
179 16.1 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.403 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

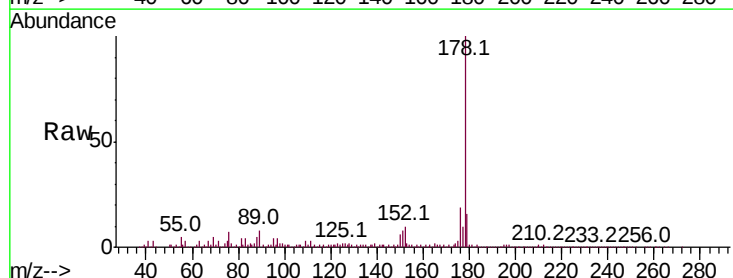
Tgt Ion:178 Resp: 480825

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

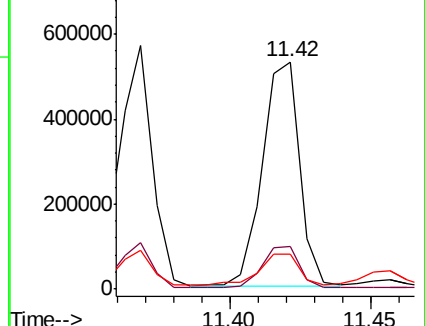
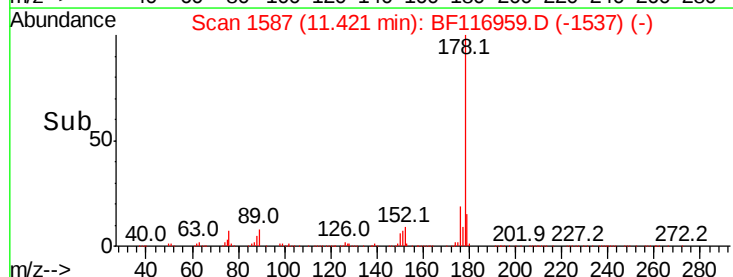
179 15.6 12.5 18.7

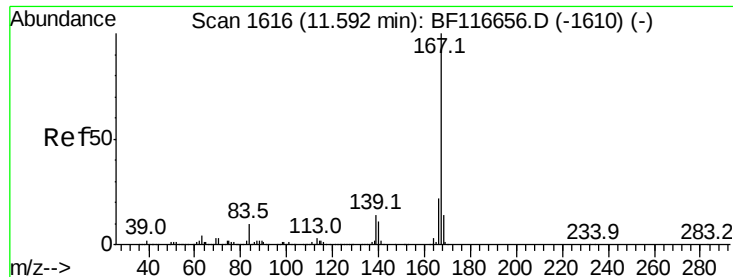


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

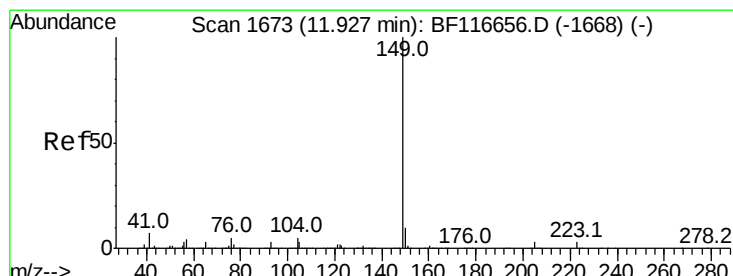
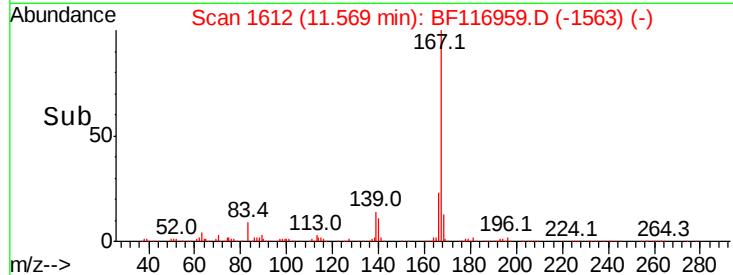
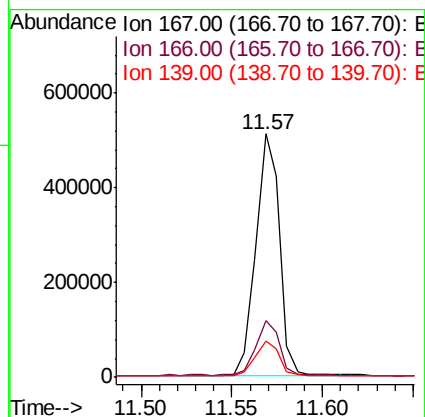
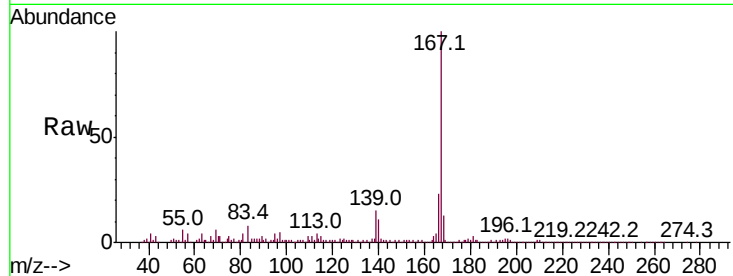




#73
 Carbazole
 Concen: 39.734 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF116959.D
 Acq: 11 Sep 2019 21:08

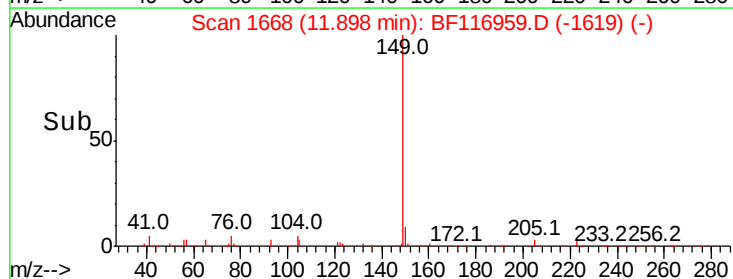
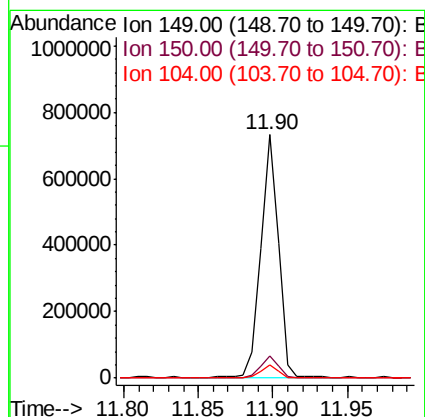
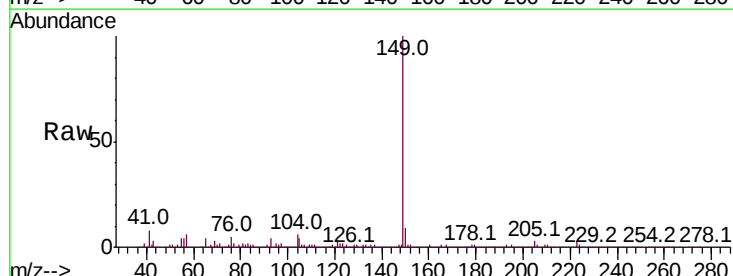
Instrument :
 BNA_F
 ClientSampleId :

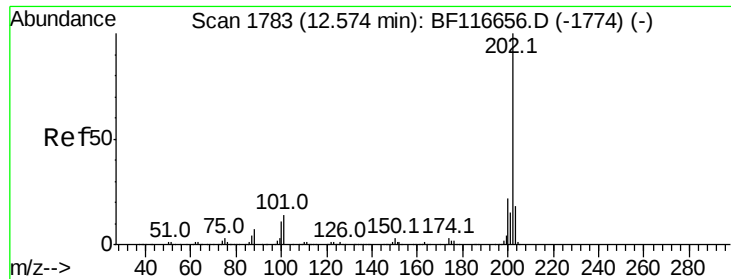
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.8	26.6
139	15.1	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 39.099 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF116959.D
 Acq: 11 Sep 2019 21:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.5	4.2	6.2





#75

Fluoranthene

Concen: 44.307 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

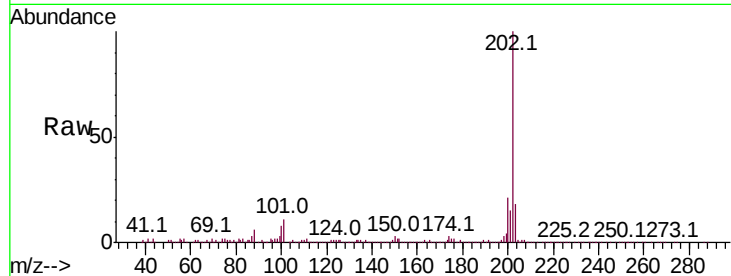
Tot Ion:202 Resp: 527833

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.3

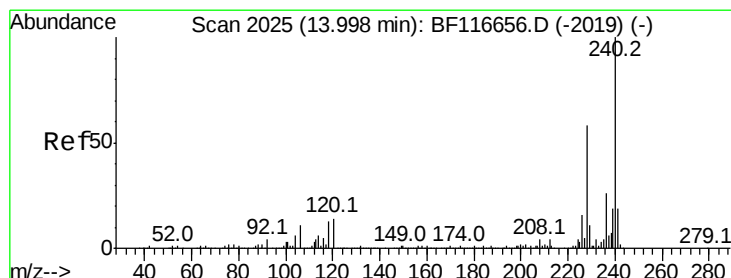
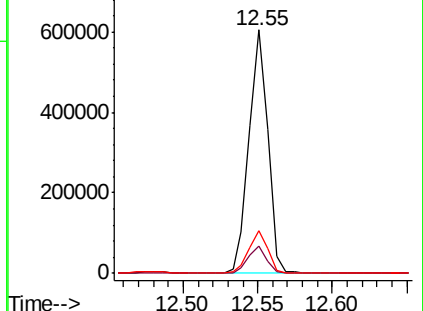
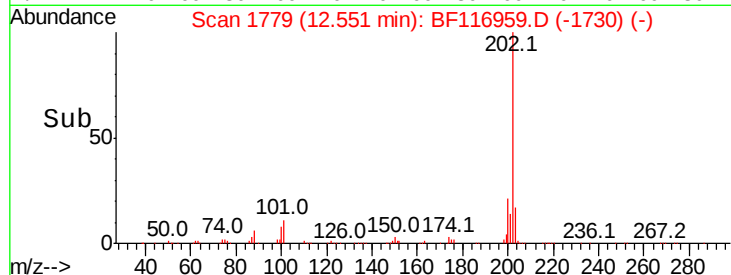
203 17.6 0.0 37.6



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: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

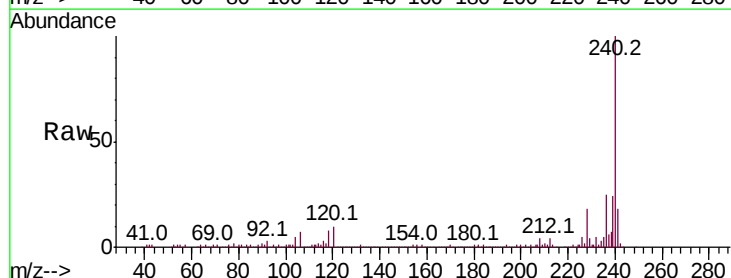
Tgt Ion:240 Resp: 192303

Ion Ratio Lower Upper

240 100

120 9.9 9.1 13.7

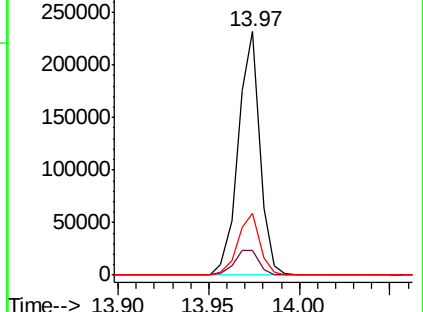
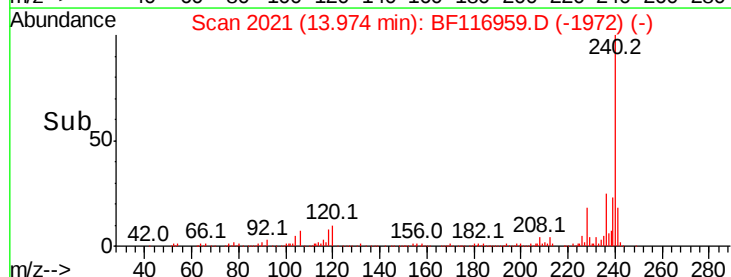
236 25.3 21.1 31.7

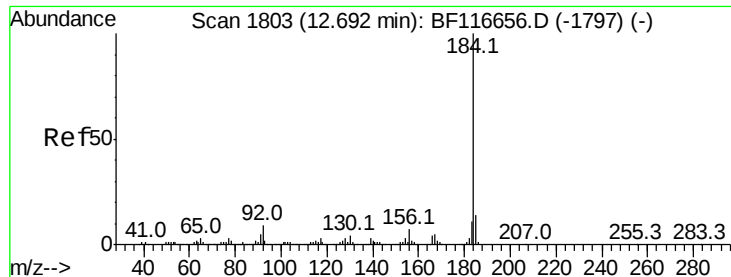


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.333 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.02 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

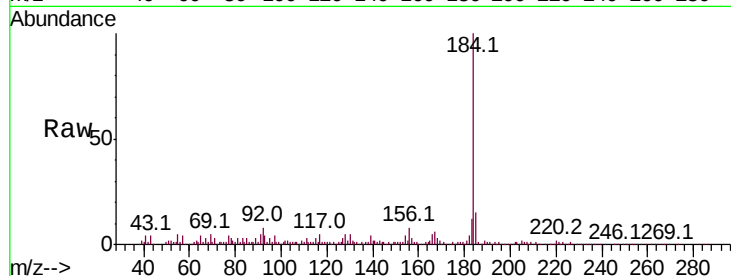
Tot Ion:184 Resp: 243876

Ion Ratio Lower Upper

184 100

185 14.5 11.3 16.9

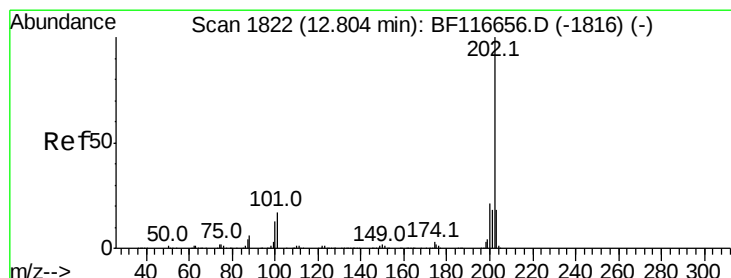
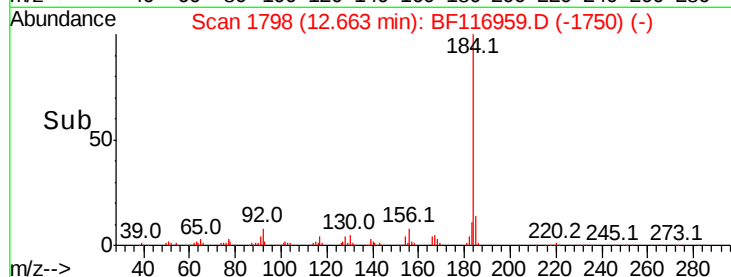
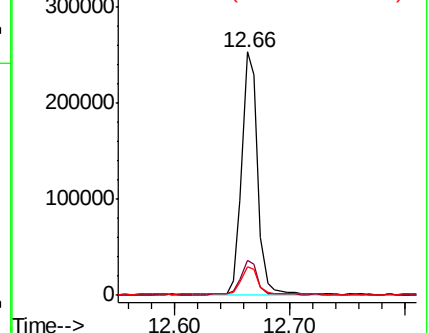
183 11.6 9.2 13.8



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: 31.494 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

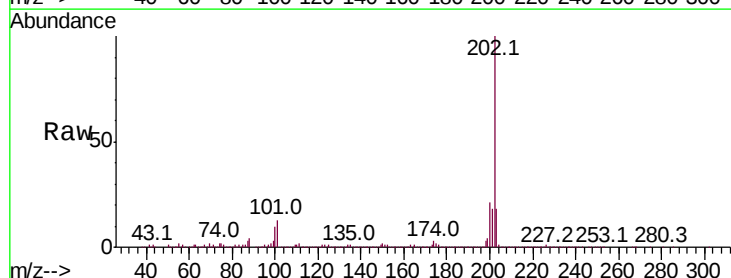
Tgt Ion:202 Resp: 538365

Ion Ratio Lower Upper

202 100

200 21.4 16.5 24.7

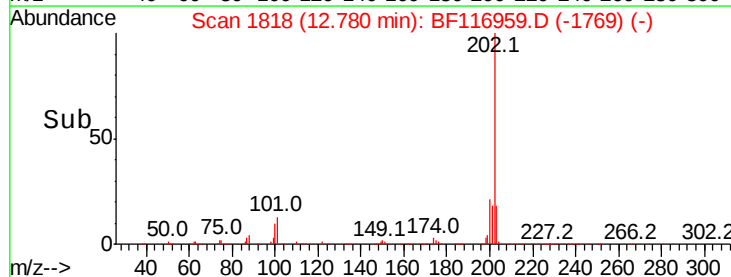
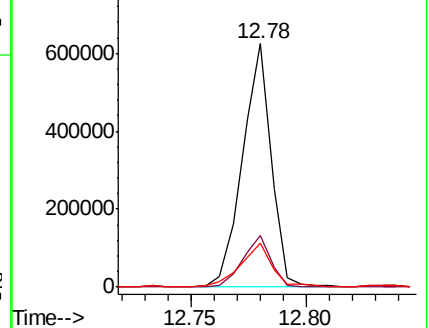
203 18.0 13.7 20.5

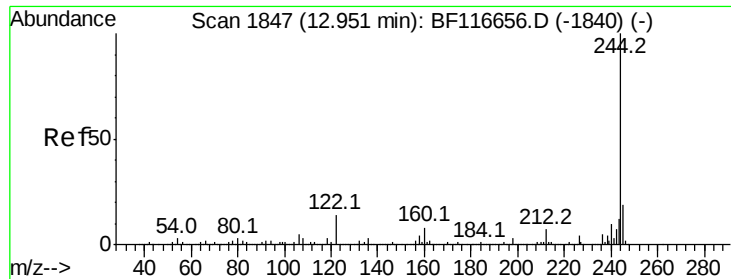


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 54.768 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.02 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

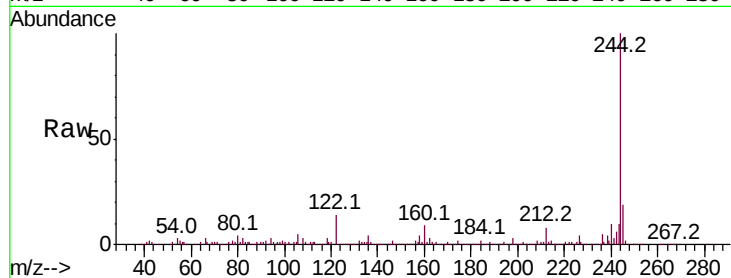
Tot Ion:244 Resp: 569320

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

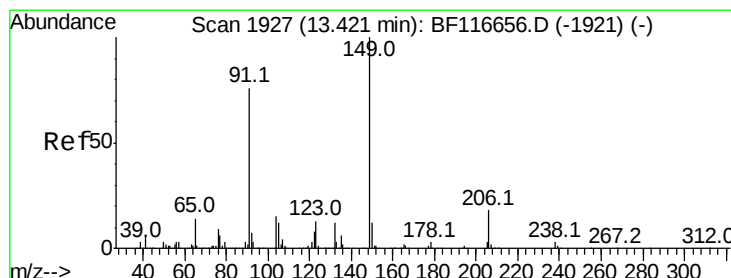
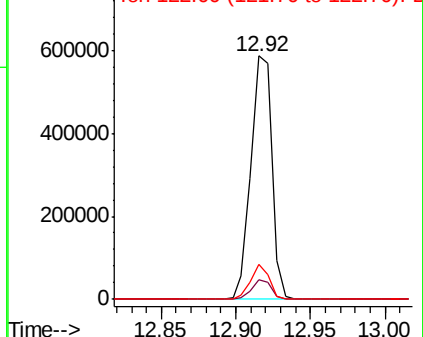
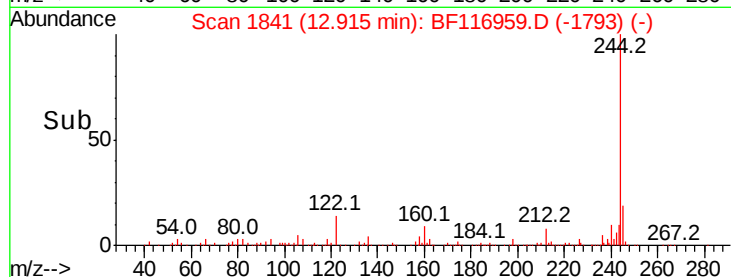
122 14.2 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 32.550 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

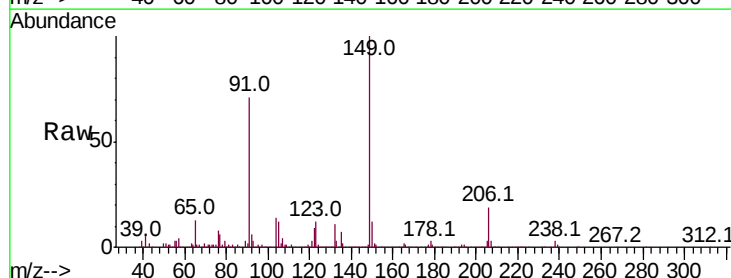
Tgt Ion:149 Resp: 270586

Ion Ratio Lower Upper

149 100

91 71.0 61.0 91.4

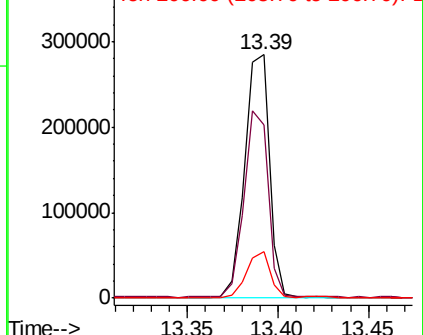
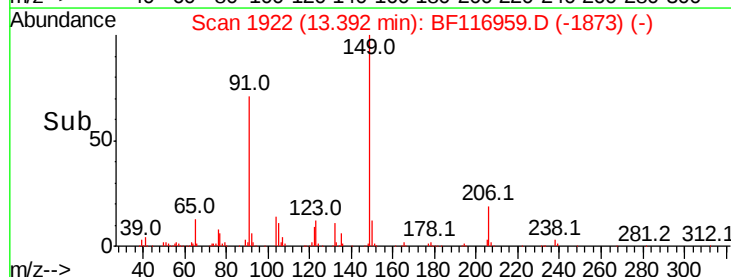
206 19.3 14.8 22.2

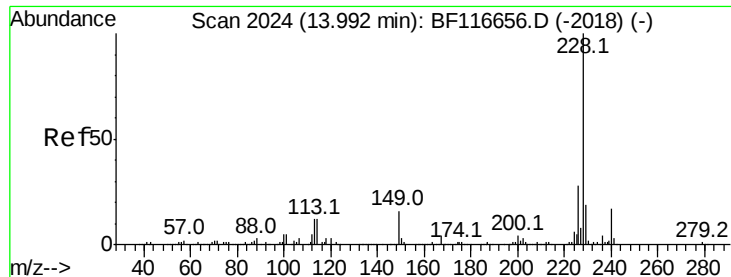


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.549 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

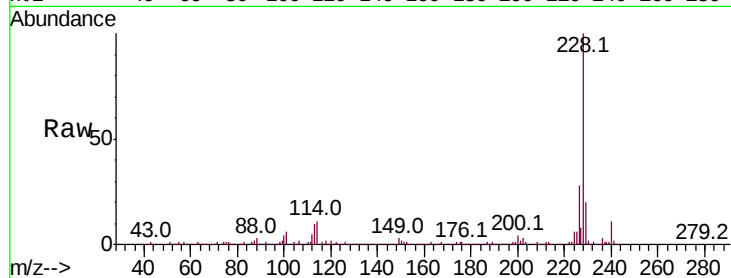
Tot Ion:228 Resp: 457005

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

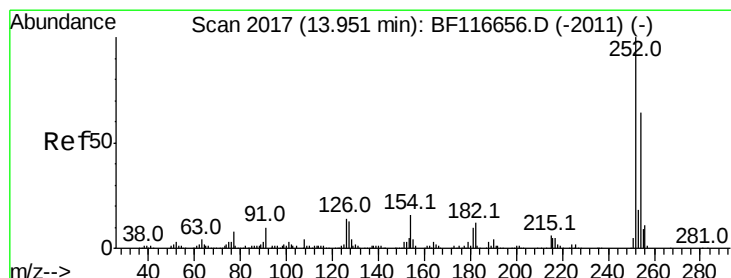
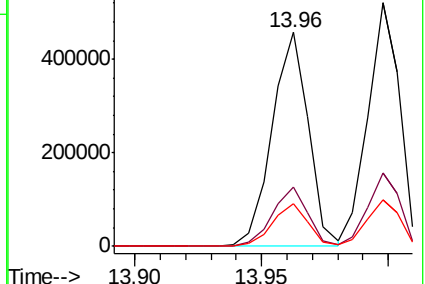
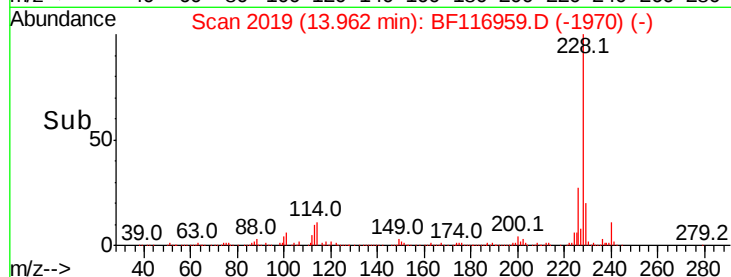
229 19.7 16.4 24.6



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: 12.763 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

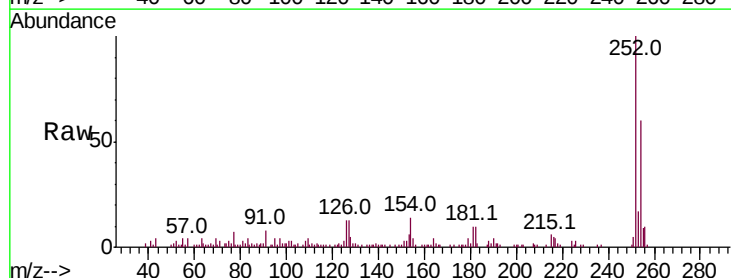
Tgt Ion:252 Resp: 52496

Ion Ratio Lower Upper

252 100

254 59.5 50.1 75.1

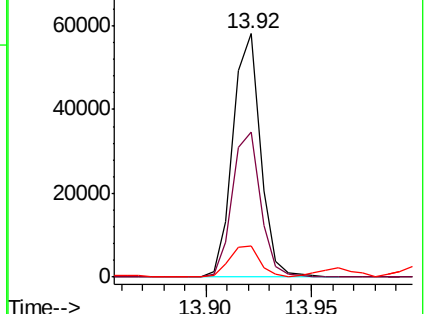
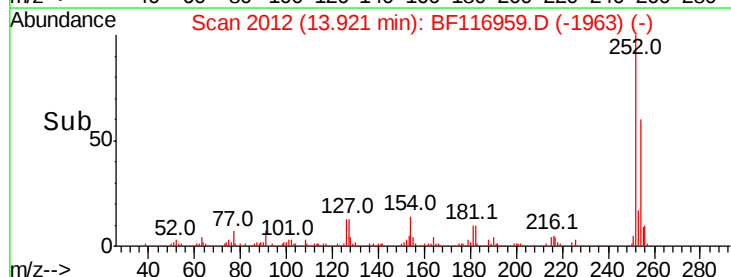
126 12.8 10.6 16.0

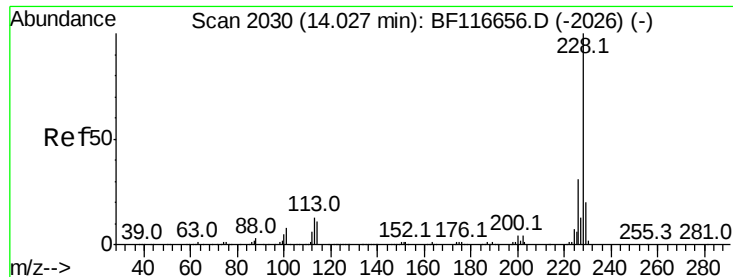


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.292 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

Instrument :

BNA_F

ClientSampleId :

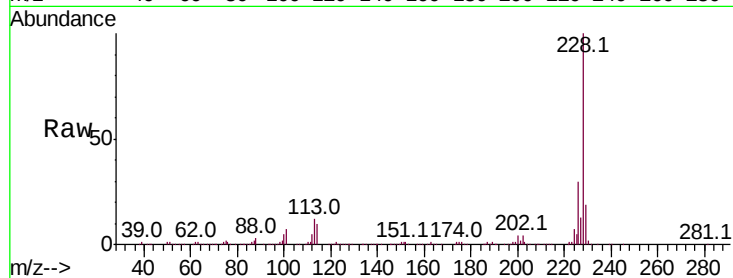
Tot Ion:228 Resp: 455067

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

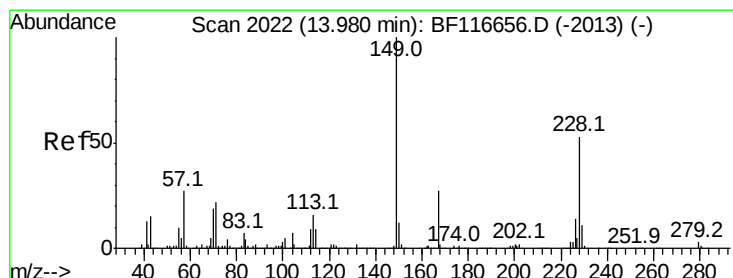
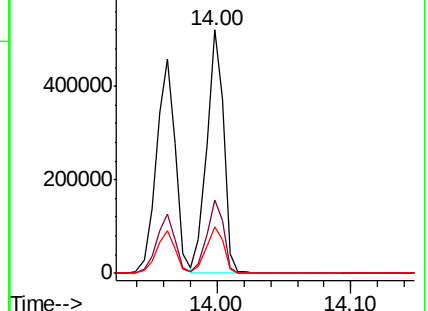
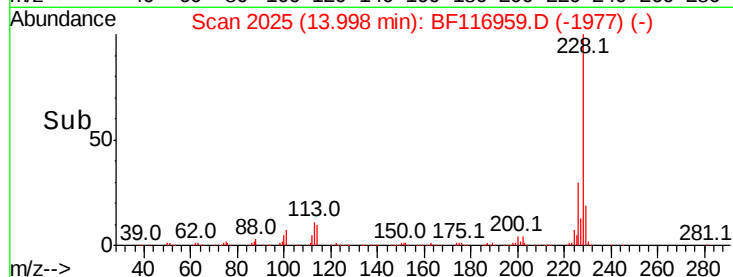
229 19.3 15.4 23.0



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: 37.681 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF116959.D

Acq: 11 Sep 2019 21:08

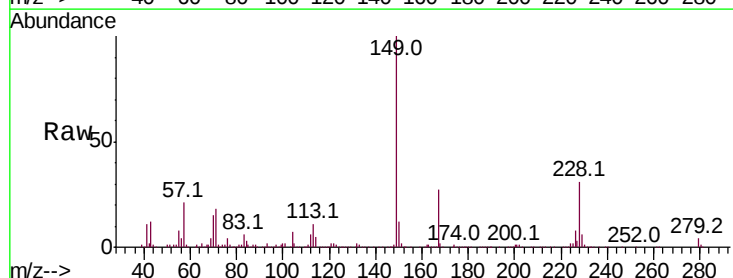
Tgt Ion:149 Resp: 386672

Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.4

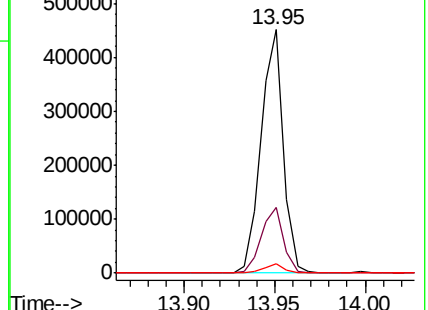
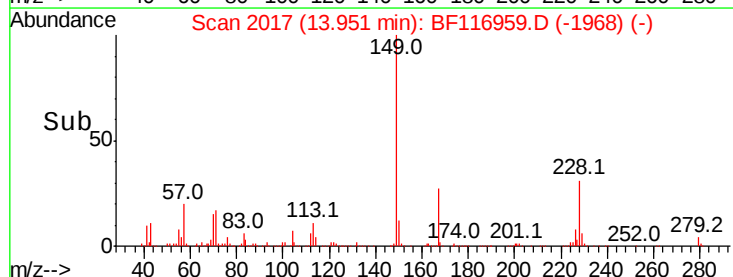
279 3.7 2.8 4.2

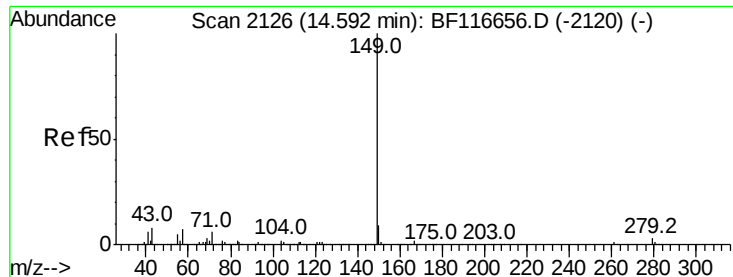


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

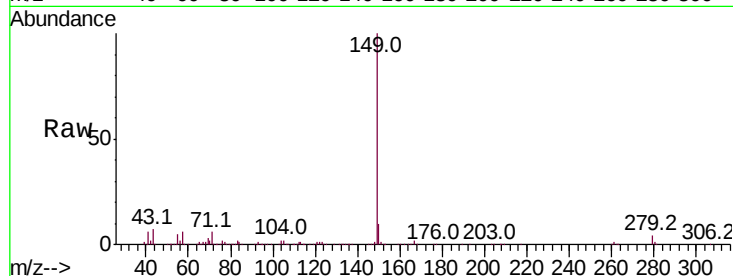




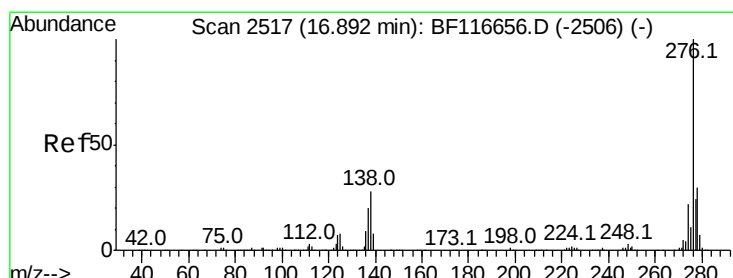
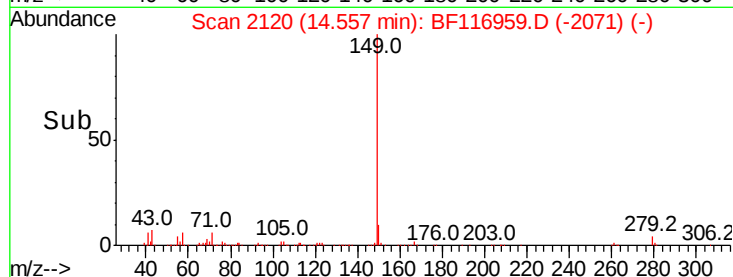
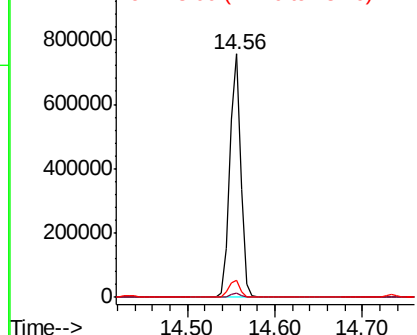
#85
Di-n-octyl phthalate
Concen: 39.238 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 658923
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.2 7.8 11.8#

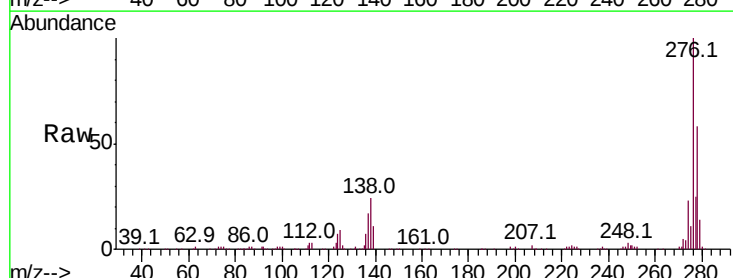


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

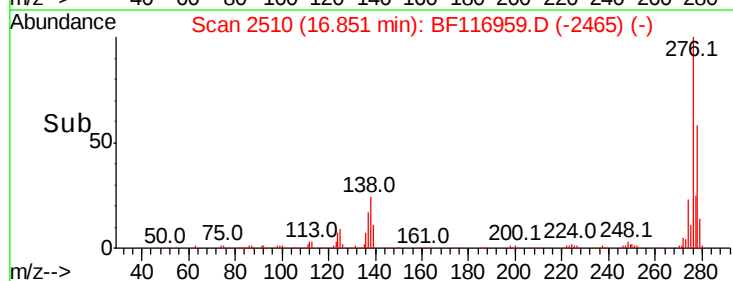
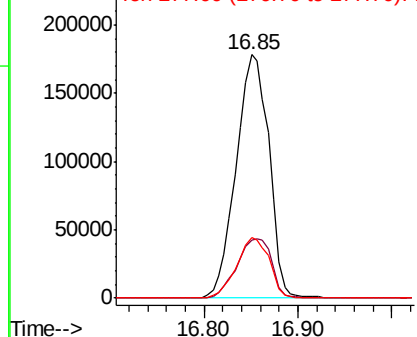


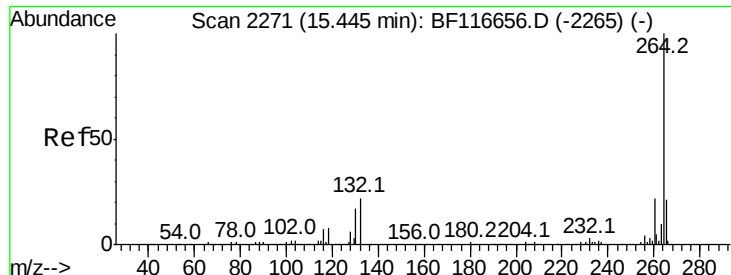
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.023 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.04 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Tgt Ion:276 Resp: 433307
Ion Ratio Lower Upper
276 100
138 25.7 19.4 29.2
277 24.7 20.5 30.7



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

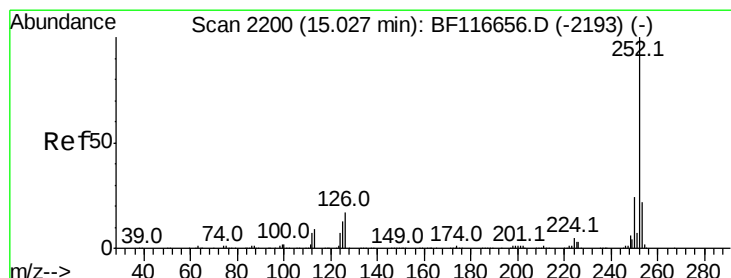
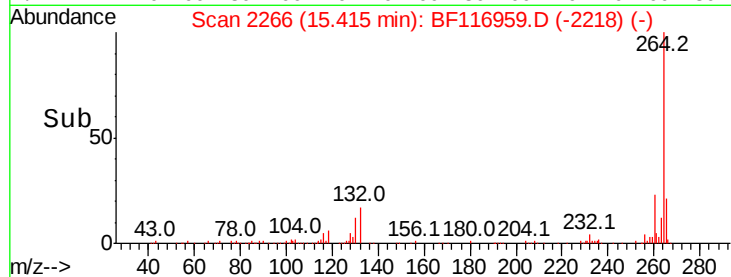
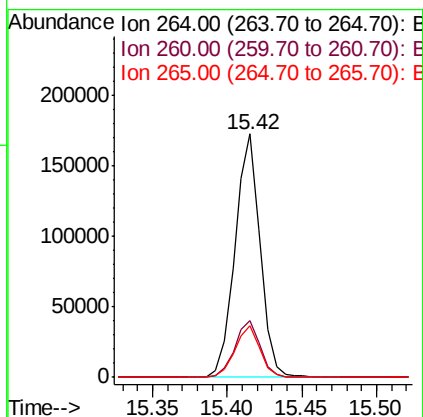
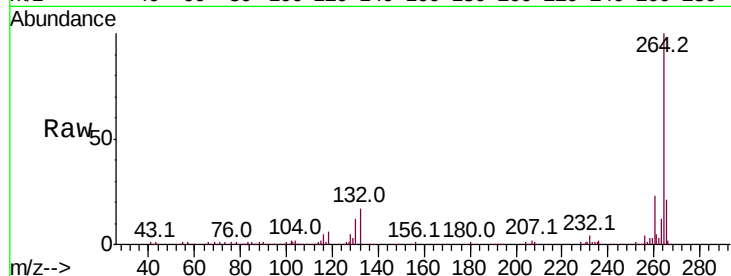




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

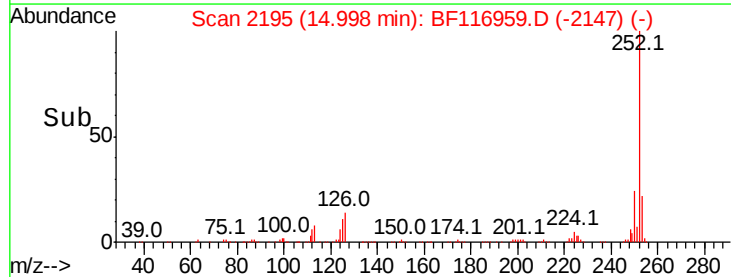
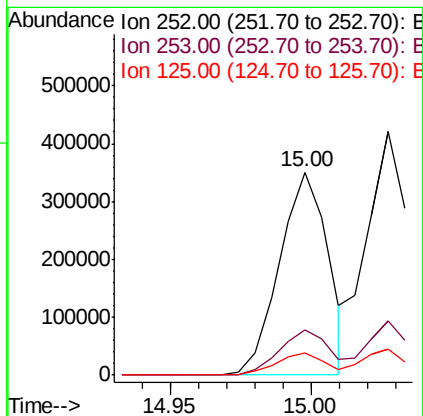
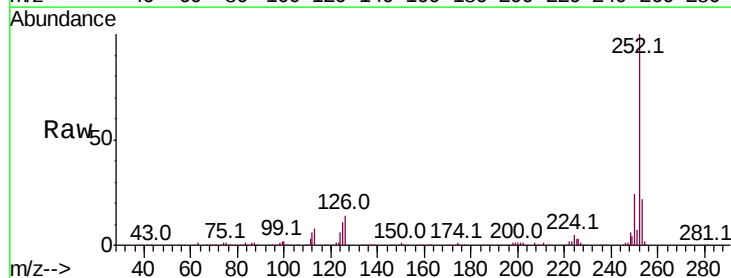
Instrument :
BNA_F
ClientSampleId :

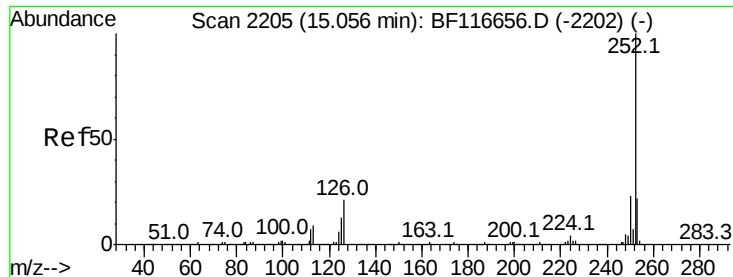
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	21.1	16.5	24.7



#88
Benzo(b)fluoranthene
Concen: 34.276 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.9	8.2	12.2

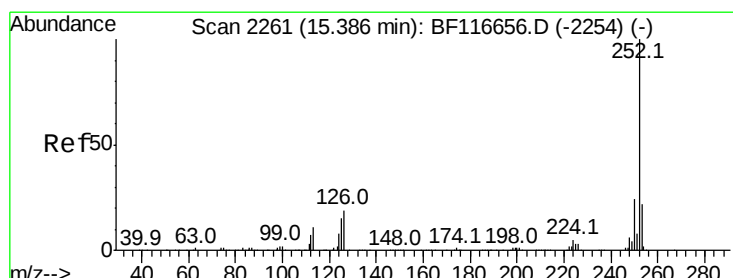
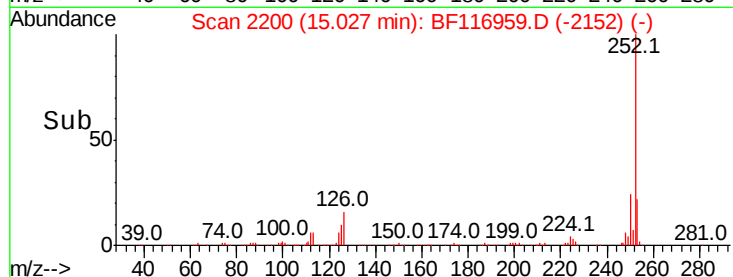
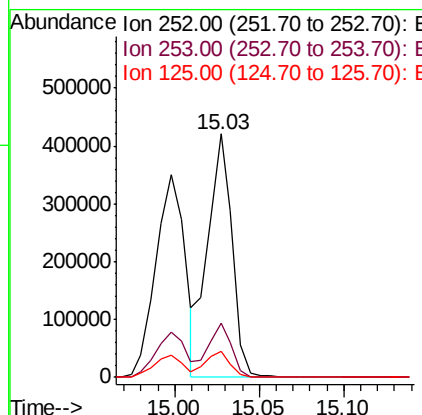
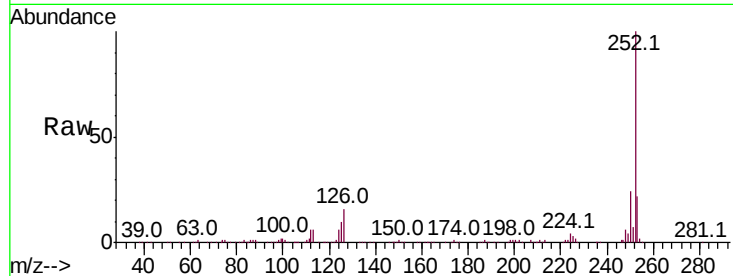




#89
Benzo(k)fluoranthene
Concen: 37.703 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

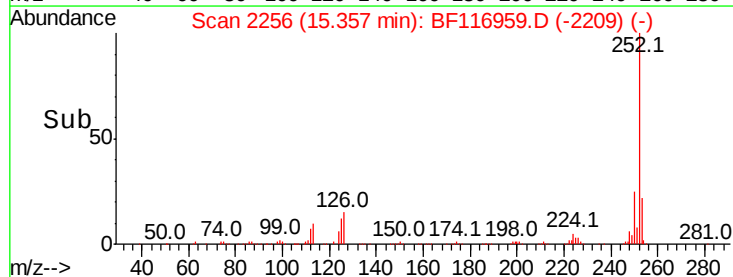
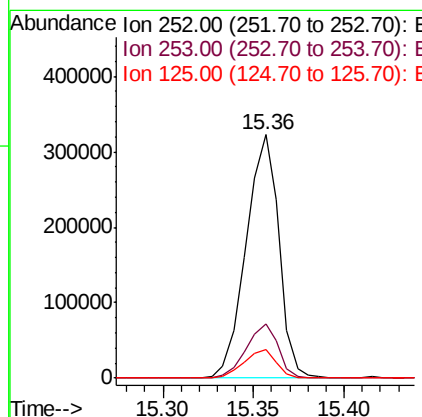
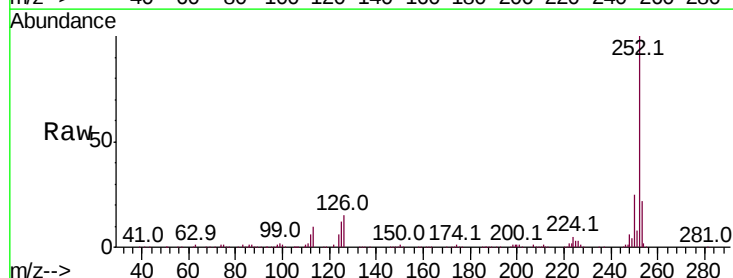
Instrument :
BNA_F
ClientSampleId :

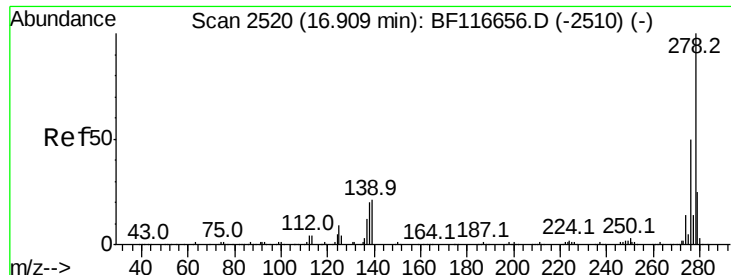
Tot Ion:252 Resp: 421148
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.5 8.6 13.0



#90
Benzo(a)pyrene
Concen: 38.082 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Tgt Ion:252 Resp: 405899
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 11.8 9.8 14.8



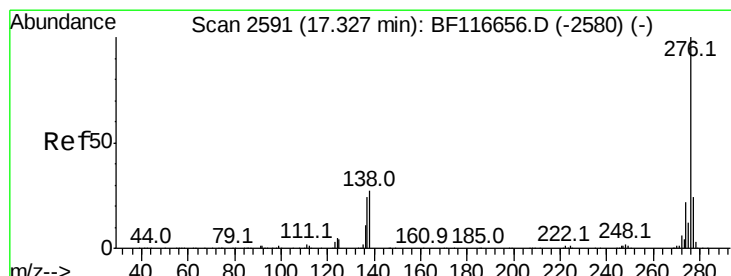
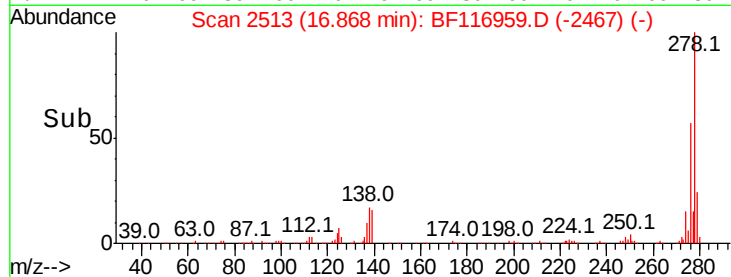
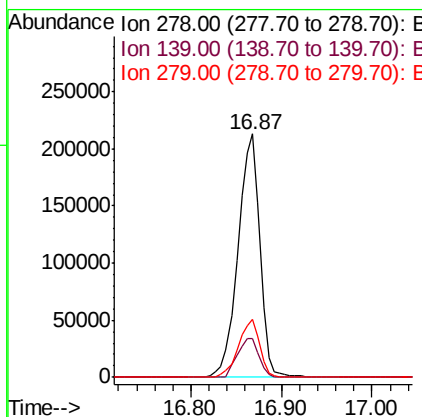
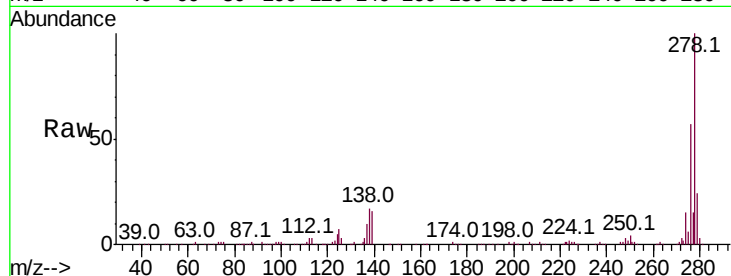


#91
Dibenzo(a,h)anthracene
Concen: 38.494 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.03 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 359132

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.4	18.6
279	23.7	18.2	27.4



#92
Benzo(g,h,i)perylene
Concen: 37.470 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.04 min
Lab File: BF116959.D
Acq: 11 Sep 2019 21:08

Tgt Ion:276 Resp: 356525

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.5	27.7
138	22.8	16.2	24.2

