

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF117011.D
 Acq On : 13 Sep 2019 00:44
 Operator : HP/JU
 Sample : K4712-08MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 07:48:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	54797	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	215109	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	116238	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	192665	20.00	ng	0.00
76) Chrysene-d12	13.97	240	137785	20.00	ng	0.00
87) Perylene-d12	15.42	264	129910	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	343640	101.60	ng	0.01
7) Phenol-d6	6.46	99	432510	97.38	ng	0.00
23) Nitrobenzene-d5	7.39	82	365518	97.00	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	116380	149.77	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	657492	95.42	ng	0.00
79) Terphenyl-d14	12.92	244	697691	93.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	52320	33.508	ng	100
3) Pyridine	3.35	79	107758	23.836	ng	98
4) n-Nitrosodimethylamine	3.26	42	52517	33.829	ng	93
6) Aniline	6.49	93	86797	14.110	ng	# 91
8) 2-Chlorophenol	6.62	128	143716	38.922	ng	94
9) Benzaldehyde	6.37	77	86323	29.501	ng	97
10) Phenol	6.47	94	163997	33.345	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	152458	39.811	ng	97
12) 1,3-Dichlorobenzene	6.77	146	166294	39.849	ng	99
13) 1,4-Dichlorobenzene	6.85	146	173586	41.781	ng	99
14) 1,2-Dichlorobenzene	7.00	146	162287	42.150	ng	98
15) Benzyl Alcohol	6.97	79	149862	41.567	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	151011	33.610	ng	99
17) 2-Methylphenol	7.08	107	115202	35.641	ng	99
18) Hexachloroethane	7.34	117	61331	37.995	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	119700	40.931	ng	96
20) 3+4-Methylphenols	7.23	107	146105	38.876	ng	# 60
22) Acetophenone	7.23	105	244197	47.153	ng	# 93
24) Nitrobenzene	7.40	77	181783	47.435	ng	95
25) Isophorone	7.65	82	335019	43.877	ng	99
26) 2-Nitrophenol	7.72	139	68407	48.012	ng	98
27) 2,4-Dimethylphenol	7.76	122	127923	44.457	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	202184	43.332	ng	99
29) 2,4-Dichlorophenol	7.96	162	117876	42.627	ng	100
30) 1,2,4-Trichlorobenzene	8.05	180	135166	45.065	ng	99
31) Naphthalene	8.13	128	477856	46.717	ng	100
32) Benzoic acid	7.86	122	44577	27.437	ng	98
33) 4-Chloroaniline	8.17	127	42001	9.021	ng	98
34) Hexachlorobutadiene	8.25	225	76364	46.694	ng	99
35) Caprolactam	8.53	113	26895	25.988	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	140944	44.346	ng	96
37) 2-Methylnaphthalene	8.82	142	331677	48.735	ng	98
38) 1-Methylnaphthalene	8.92	142	309011	48.099	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	134177	48.154	ng	97

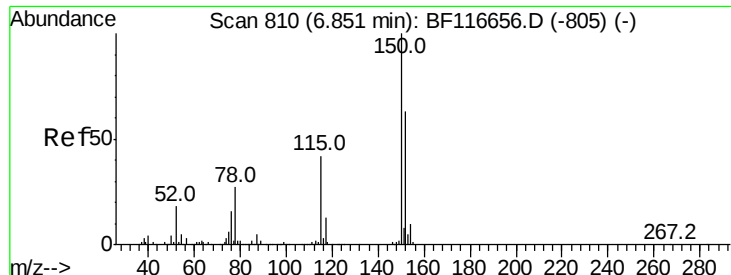
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF117011.D
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 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	27966	17.380	ng	95
43) 2,4,6-Trichlorophenol	9.10	196	78478	41.086	ng	97
44) 2,4,5-Trichlorophenol	9.14	196	89899	45.334	ng	98
46) 1,1'-Biphenyl	9.28	154	397943	45.117	ng	99
47) 2-Chloronaphthalene	9.30	162	314553	45.026	ng	97
48) 2-Nitroaniline	9.40	65	101743	50.376	ng	97
49) Acenaphthylene	9.72	152	496251	46.992	ng	99
50) Dimethylphthalate	9.57	163	446235	55.605	ng	100
51) 2,6-Dinitrotoluene	9.64	165	78332	51.160	ng	88
52) Acenaphthene	9.89	154	286166	44.103	ng	100
53) 3-Nitroaniline	9.80	138	46541	24.255	ng	99
54) 2,4-Dinitrophenol	9.92	184	10045	25.440	ng	# 75
55) Dibenzofuran	10.06	168	444696	48.617	ng	98
56) 4-Nitrophenol	9.97	139	103192	78.432	ng	94
57) 2,4-Dinitrotoluene	10.05	165	104604	55.873	ng	98
58) Fluorene	10.40	166	359882	51.635	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	71598	50.028	ng	97
60) Diethylphthalate	10.27	149	380698	47.358	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	156371	51.235	ng	96
62) 4-Nitroaniline	10.42	138	88219	47.375	ng	99
63) Azobenzene	10.55	77	392436	46.818	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	9217	18.424	ng	90
66) n-Nitrosodiphenylamine	10.51	169	320716	48.120	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	91149	46.571	ng	# 91
68) Hexachlorobenzene	10.96	284	96972	47.355	ng	94
69) Atrazine	11.04	200	91909	49.237	ng	97
70) Pentachlorophenol	11.15	266	86141	86.959	ng	97
71) Phenanthrene	11.36	178	521097	48.587	ng	99
72) Anthracene	11.42	178	542014	50.204	ng	99
73) Carbazole	11.57	167	510695	49.659	ng	100
74) Di-n-butylphthalate	11.90	149	665451	50.475	ng	99
75) Fluoranthene	12.55	202	528334	50.127	ng	99
77) Benzidine	12.67	184	234013	43.302	ng	98
78) Pyrene	12.78	202	524222	42.800	ng	99
80) Butylbenzylphthalate	13.39	149	277702	46.623	ng	93
81) Benzo(a)anthracene	13.96	228	427729	49.049	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	116341	39.478	ng	98
83) Chrysene	14.00	228	419485	46.692	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	392005	53.316	ng	99
85) Di-n-octyl phthalate	14.56	149	637526	52.985	ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	309110	42.835	ng	100
88) Benzo(b)fluoranthene	15.00	252	379068	48.263	ng	99
89) Benzo(k)fluoranthene	15.03	252	363753	50.795	ng	99
90) Benzo(a)pyrene	15.36	252	338922	49.599	ng	98
91) Dibenzo(a,h)anthracene	16.87	278	264372	44.201	ng	100
92) Benzo(g,h,i)perylene	17.29	276	238899	39.164	ng	98

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

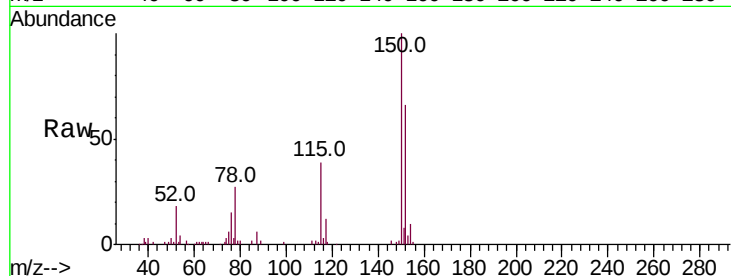


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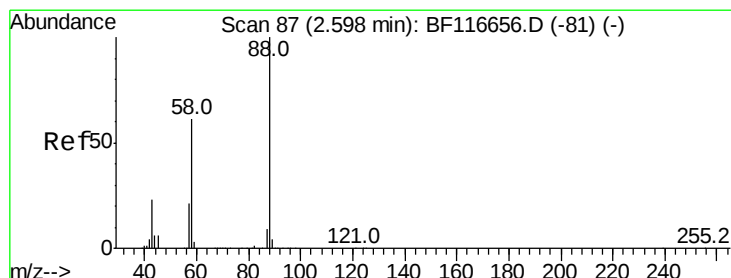
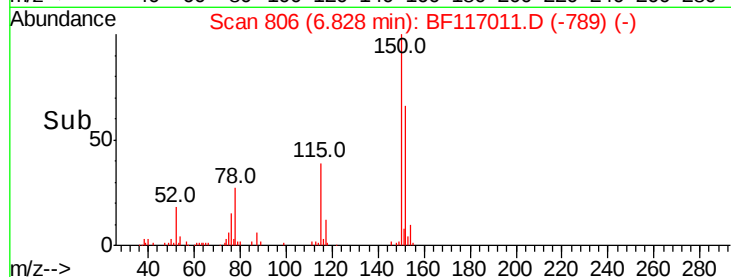
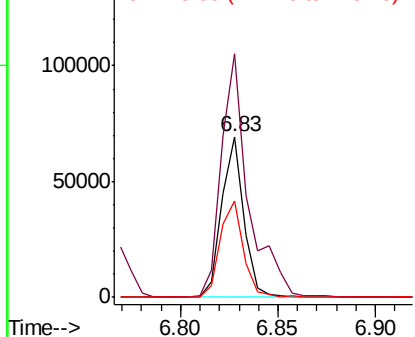
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 54797
Ion Ratio Lower Upper
152 100
150 151.4 126.2 189.2
115 59.6 50.2 75.2



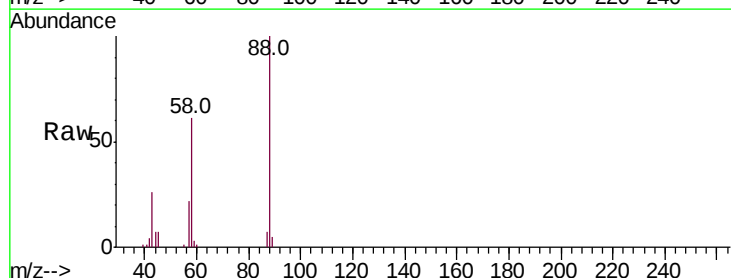
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



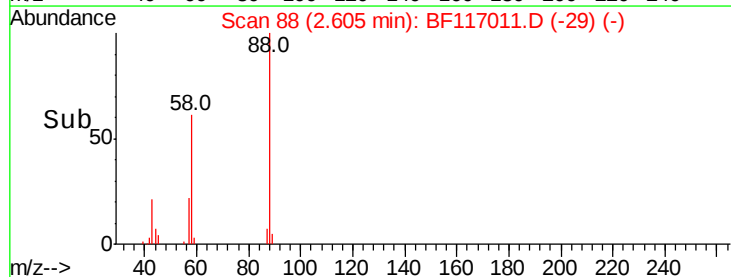
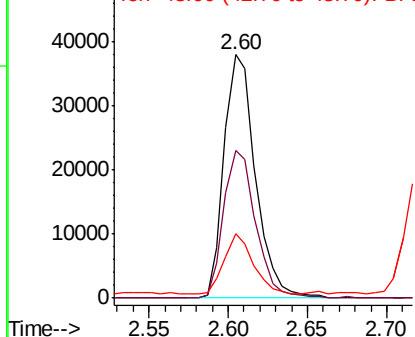
#2

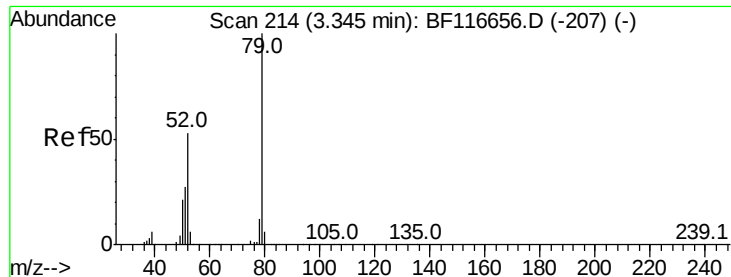
1,4-Dioxane
Concen: 33.508 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.05 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion: 88 Resp: 52320
Ion Ratio Lower Upper
88 100
58 61.7 49.4 74.2
43 22.9 18.6 28.0



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





#3

Pvridine

Concen: 23.836 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.05 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

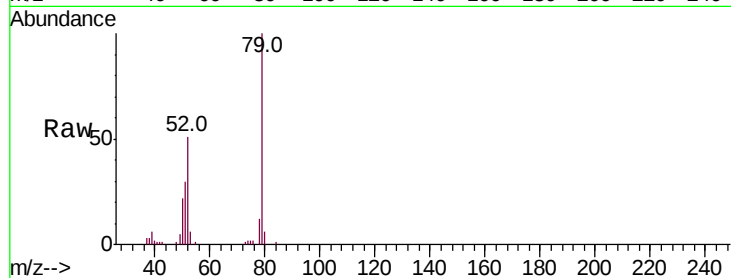
Tot Ion: 79 Resp: 107758

Ion Ratio Lower Upper

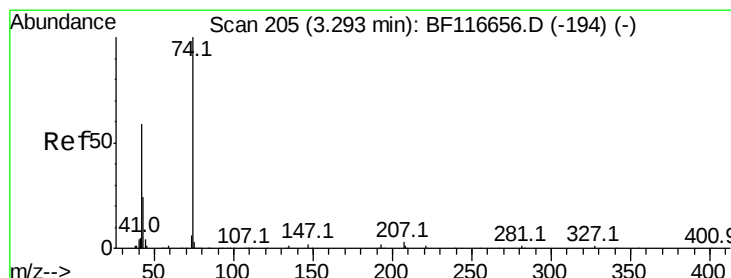
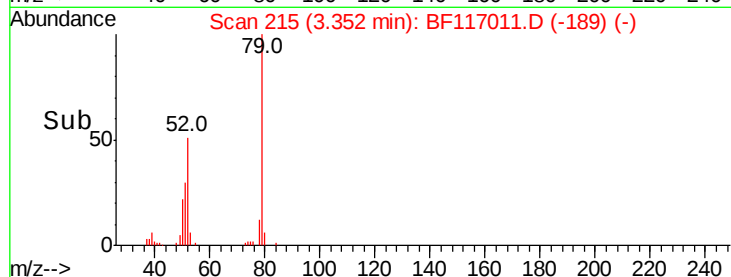
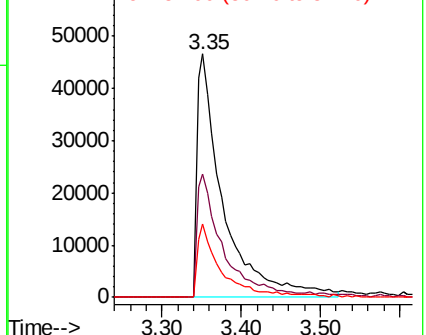
79 100

52 50.8 40.5 60.7

51 29.9 22.3 33.5



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



#4

n-Nitrosodimethylamine

Concen: 33.829 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.02 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

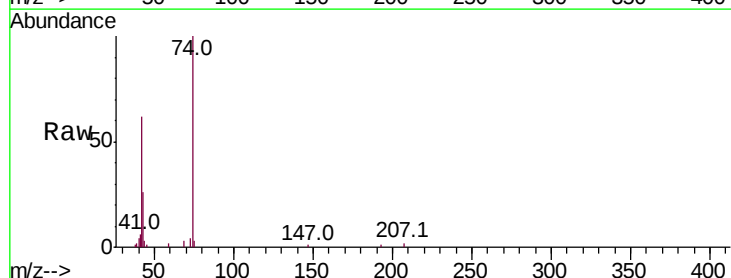
Tgt Ion: 42 Resp: 52517

Ion Ratio Lower Upper

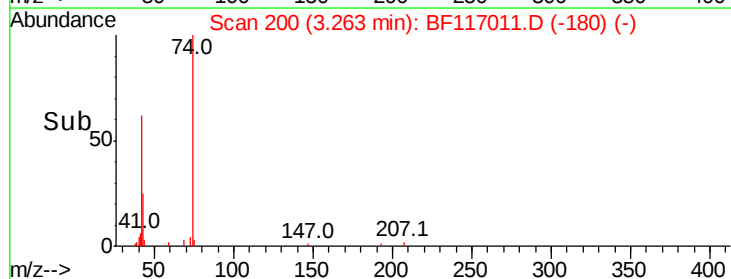
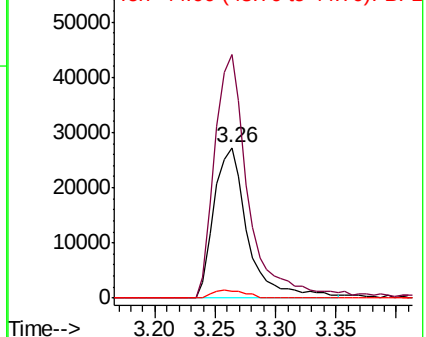
42 100

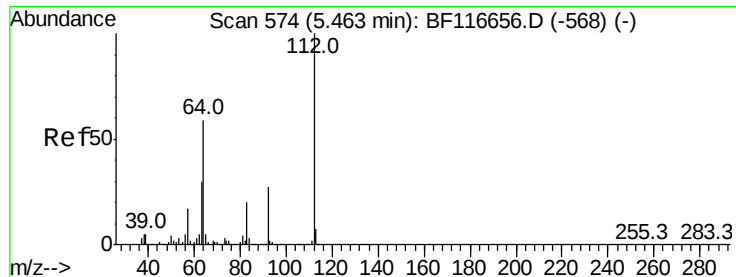
74 162.1 137.6 206.4

44 4.8 4.4 6.6



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





#5

2-Fluorophenol

Concen: 101.596 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

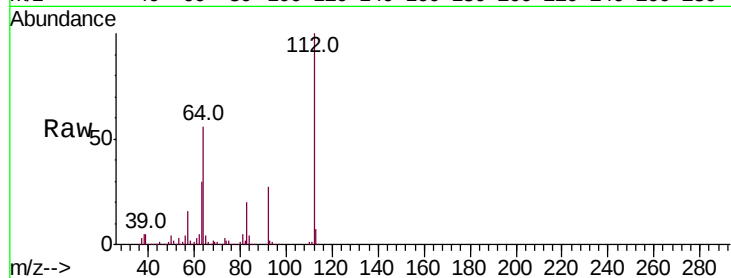
Tot Ion:112 Resp: 343640

Ion Ratio Lower Upper

112 100

64 55.7 47.1 70.7

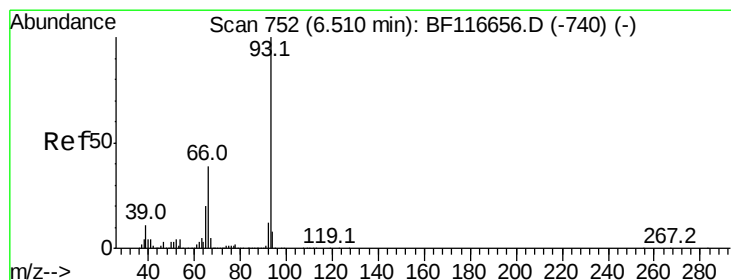
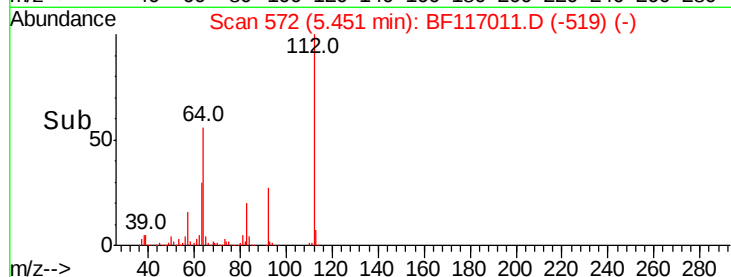
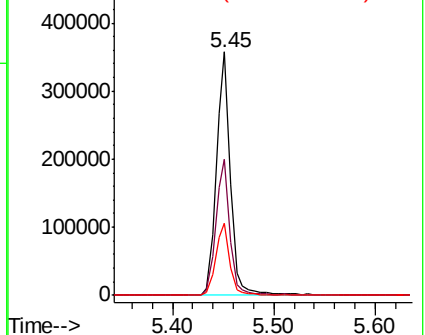
63 29.9 25.4 38.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.110 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

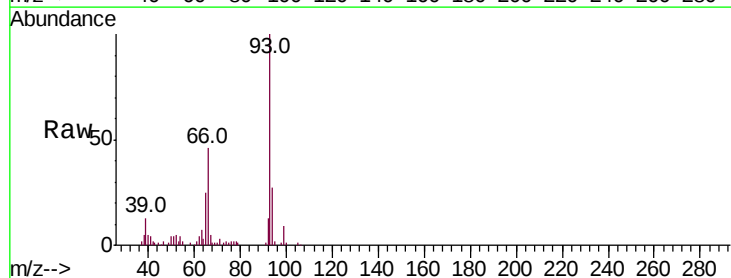
Tgt Ion: 93 Resp: 86797

Ion Ratio Lower Upper

93 100

66 45.8 32.3 48.5

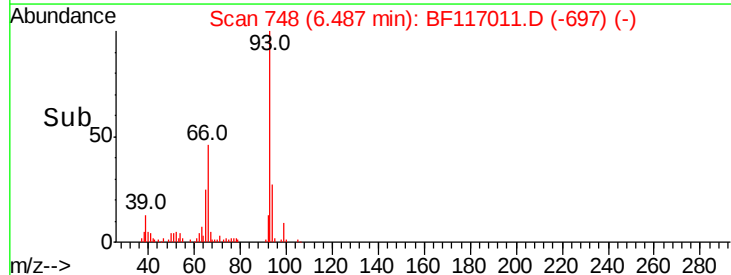
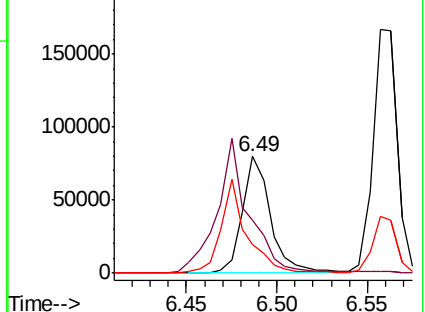
65 24.8 16.2 24.2#

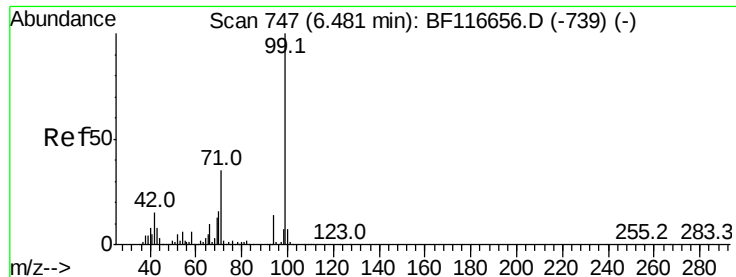


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.380 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :

BNA_F

ClientSampled :

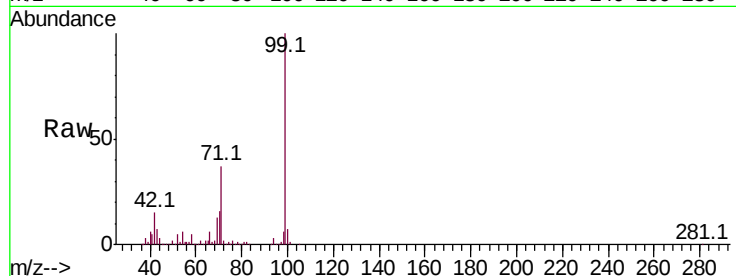
Tot Ion: 99 Resp: 432510

Ion Ratio Lower Upper

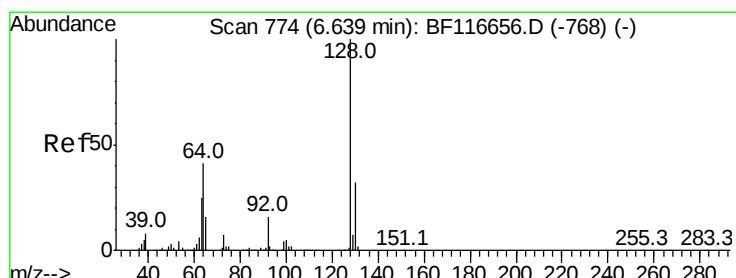
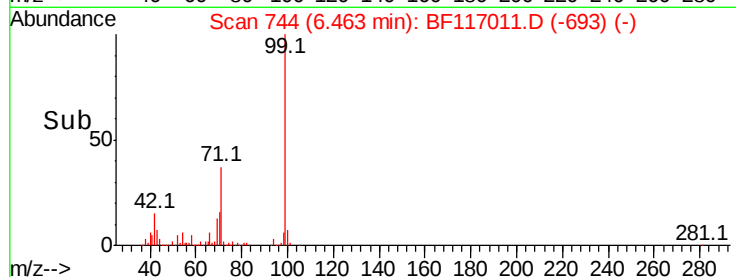
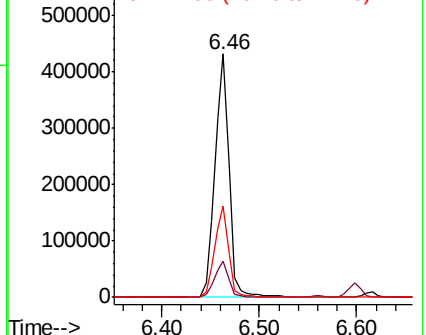
99 100

42 15.0 12.0 18.0

71 37.3 29.7 44.5



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



#8

2-Chlorophenol

Concen: 38.922 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

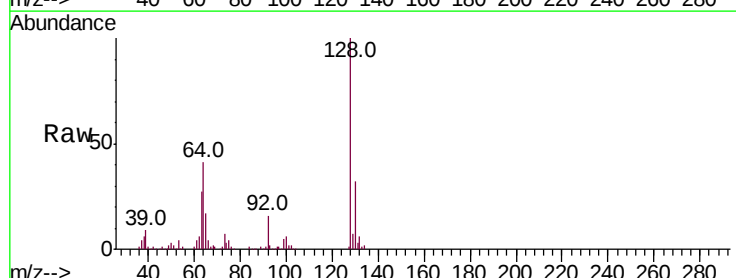
Tgt Ion: 128 Resp: 143716

Ion Ratio Lower Upper

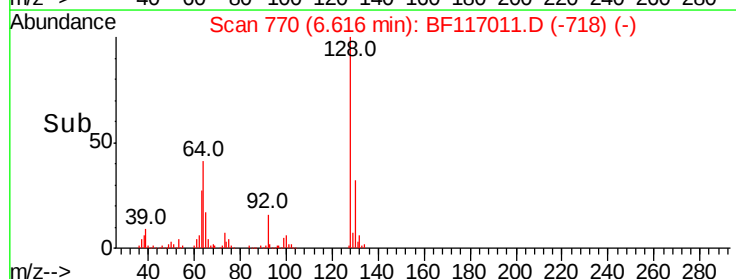
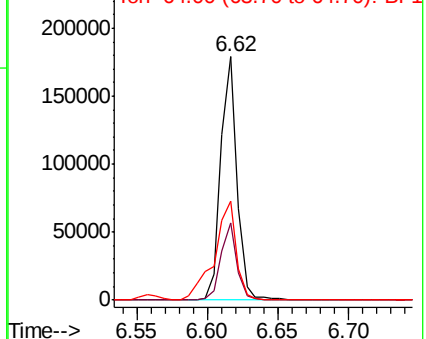
128 100

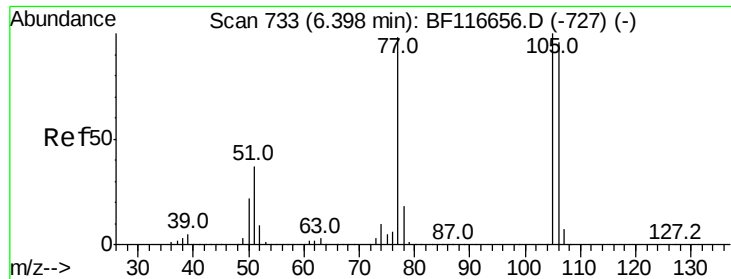
130 32.0 12.4 52.4

64 40.6 26.5 66.5



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: 29.501 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

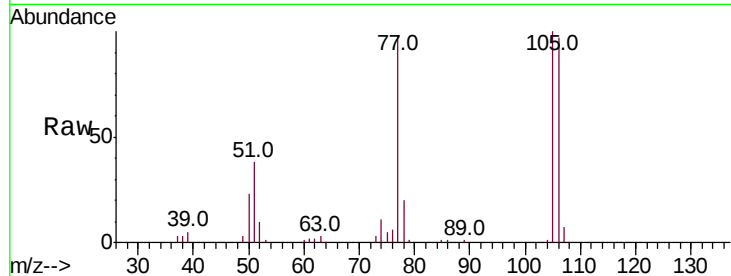
Tot Ion: 77 Resp: 86323

Ion Ratio Lower Upper

77 100

105 101.9 79.3 119.3

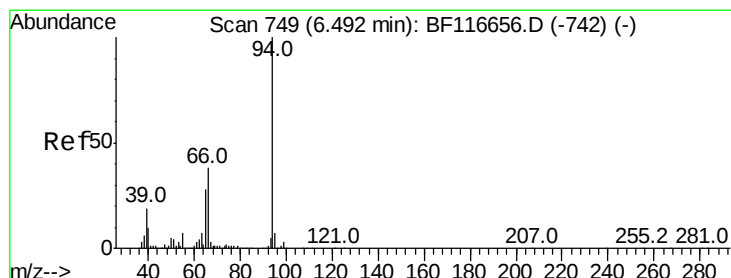
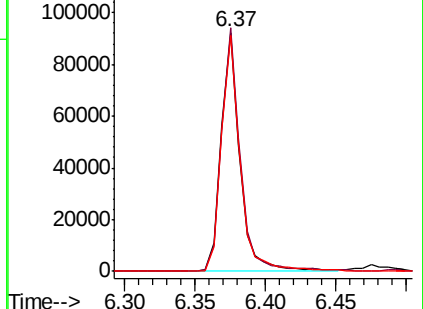
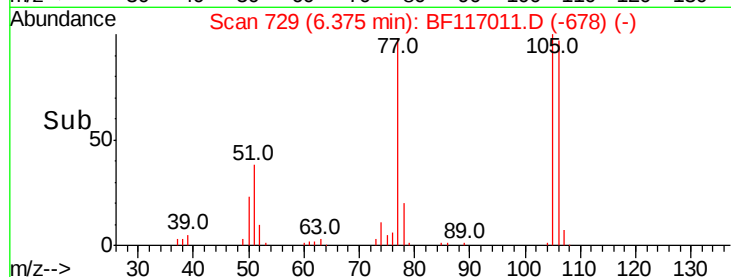
106 98.5 75.1 115.1



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: 33.345 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

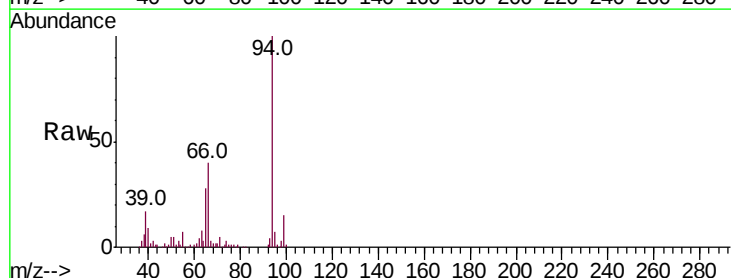
Tgt Ion: 94 Resp: 163997

Ion Ratio Lower Upper

94 100

65 27.9 12.0 52.0

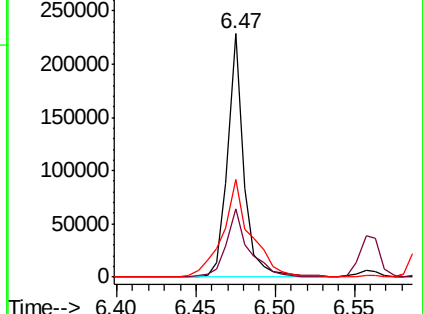
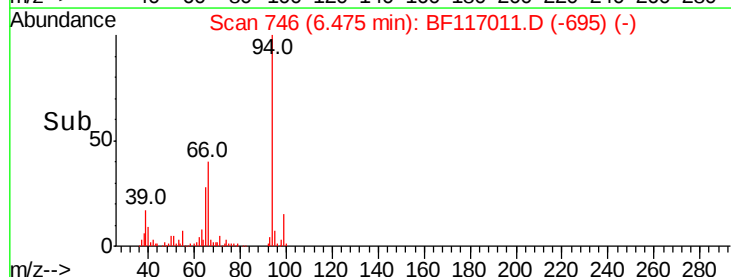
66 40.3 26.5 66.5

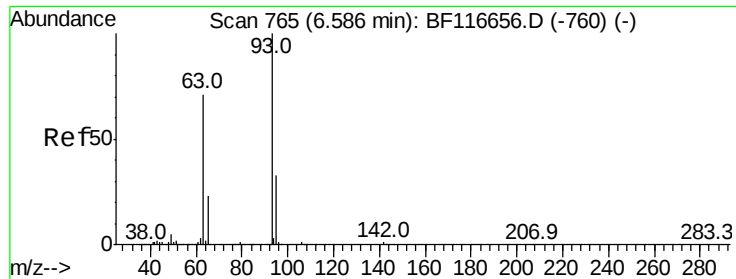


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.811 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

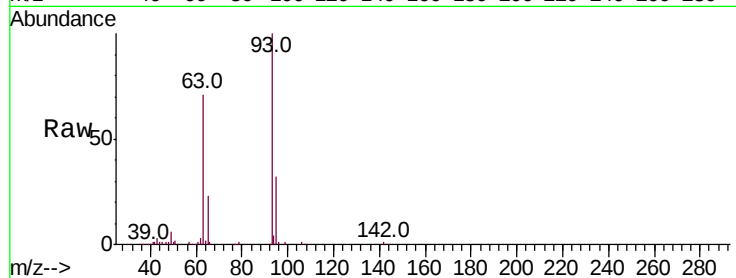
Tot Ion: 93 Resp: 152458

Ion Ratio Lower Upper

93 100

63 71.5 49.0 89.0

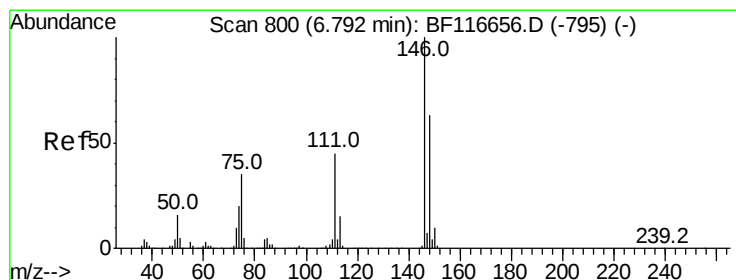
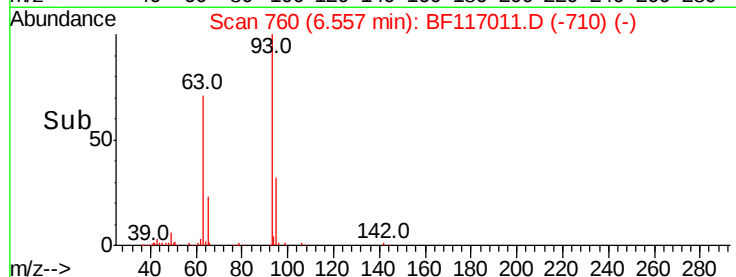
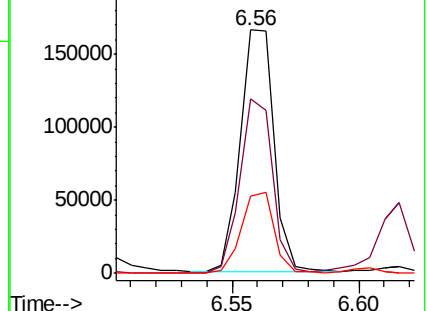
95 31.6 13.7 53.7



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.849 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

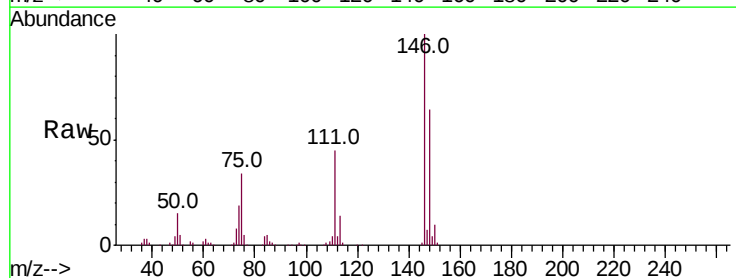
Tgt Ion: 146 Resp: 166294

Ion Ratio Lower Upper

146 100

148 63.9 51.3 76.9

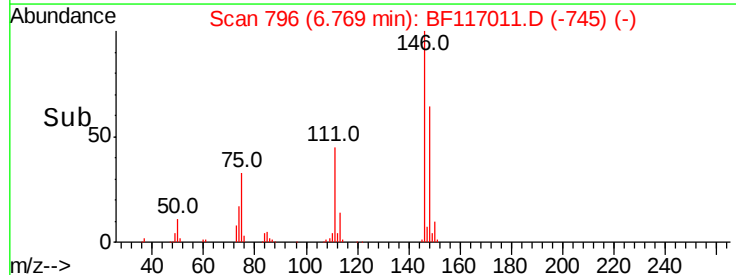
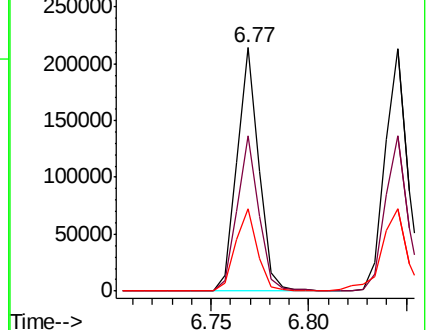
75 33.9 26.6 40.0

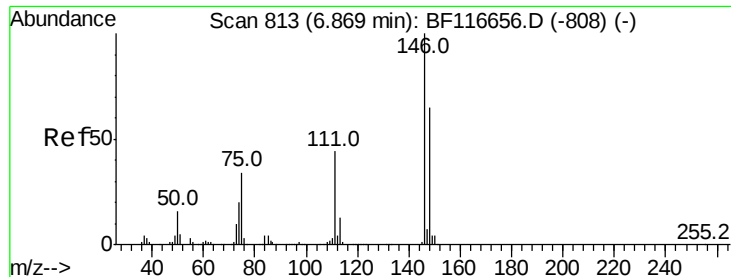


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

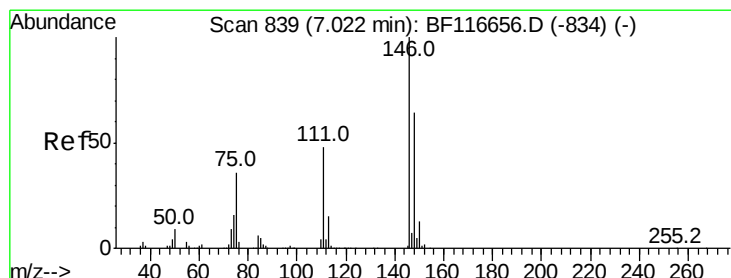
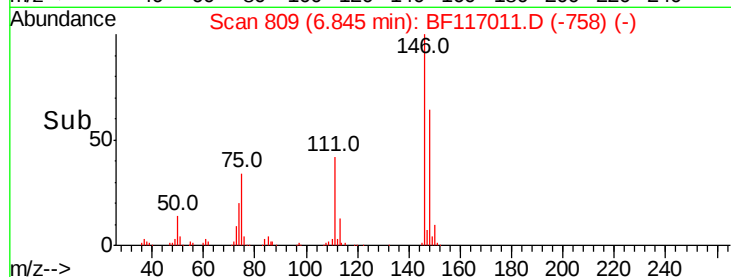
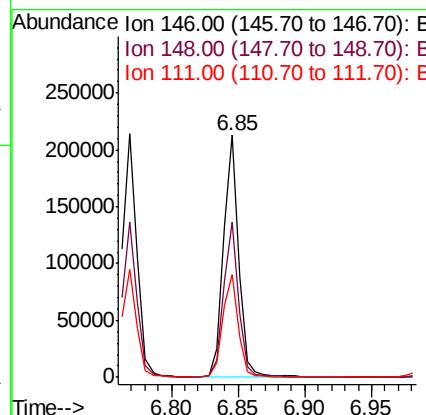
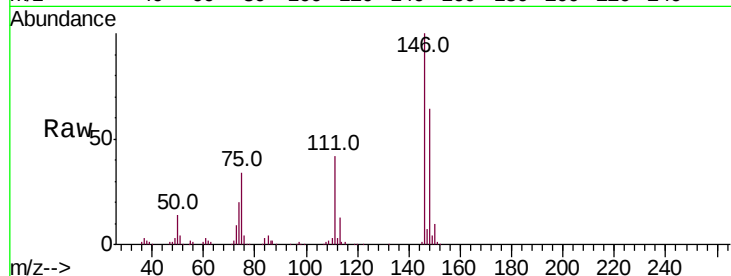




#13
1,4-Dichlorobenzene
Concen: 41.781 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

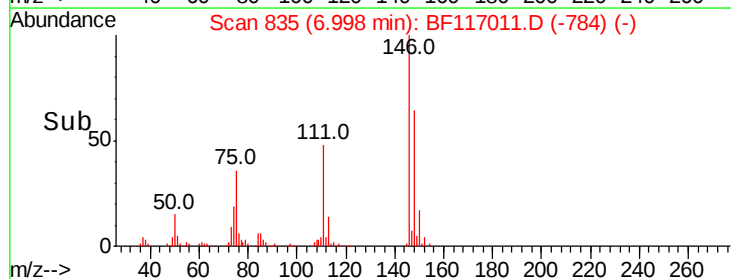
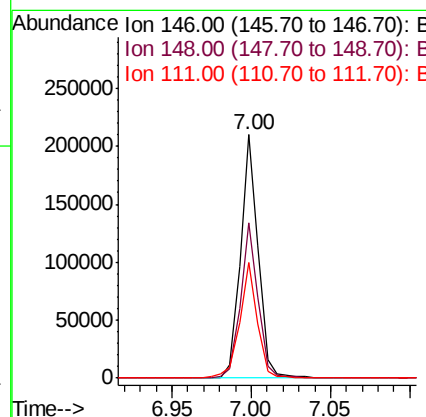
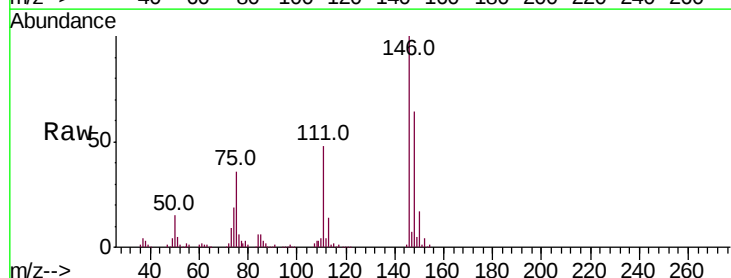
Instrument :
BNA_F
ClientSampleId :

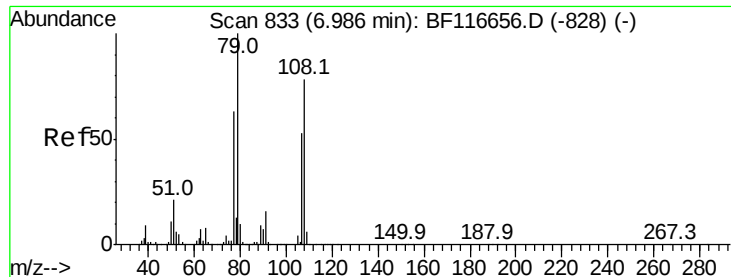
Tot Ion:146 Resp: 173586
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
111 42.4 33.4 50.2



#14
1,2-Dichlorobenzene
Concen: 42.150 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion:146 Resp: 162287
Ion Ratio Lower Upper
146 100
148 63.6 51.7 77.5
111 47.7 37.2 55.8





#15

Benzyl Alcohol

Concen: 41.567 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

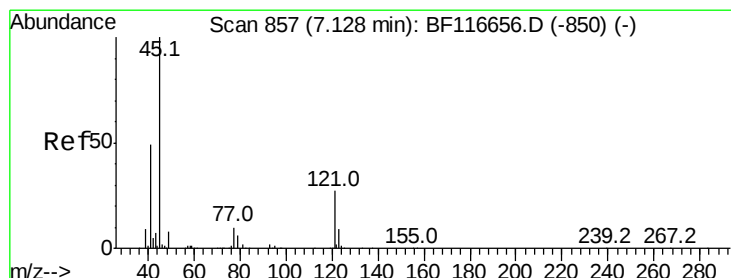
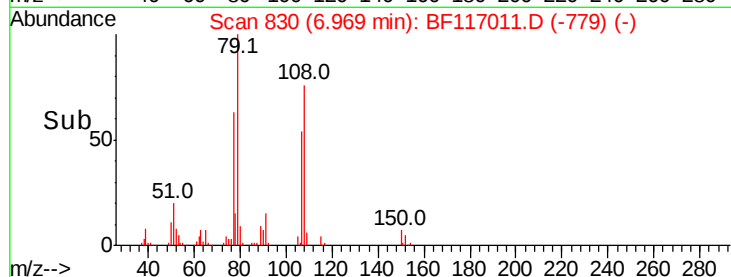
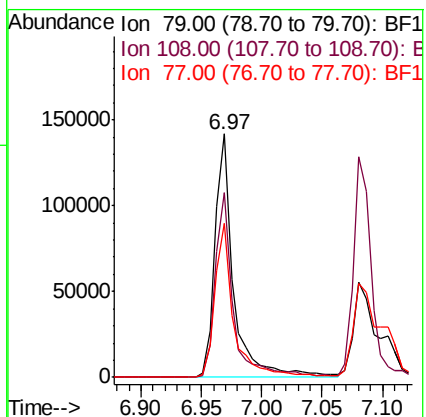
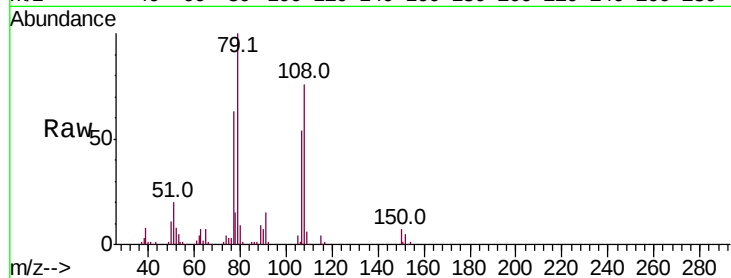
Tot Ion: 79 Resp: 149862

Ion Ratio Lower Upper

79 100

108 75.9 60.2 90.4

77 63.0 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.610 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

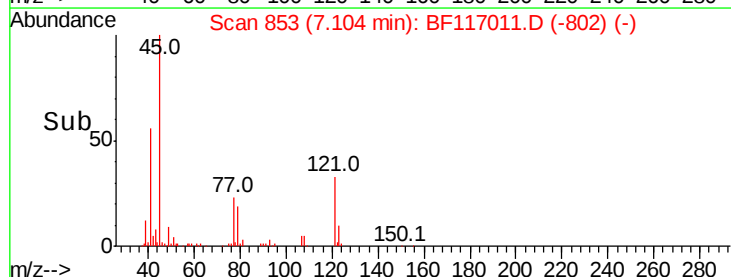
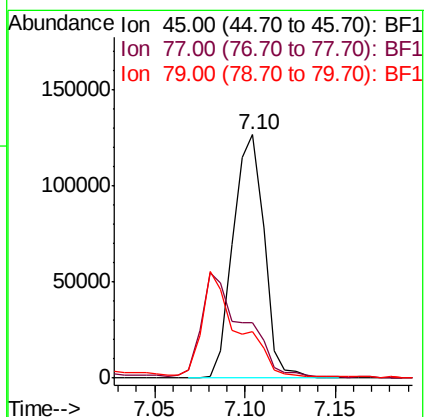
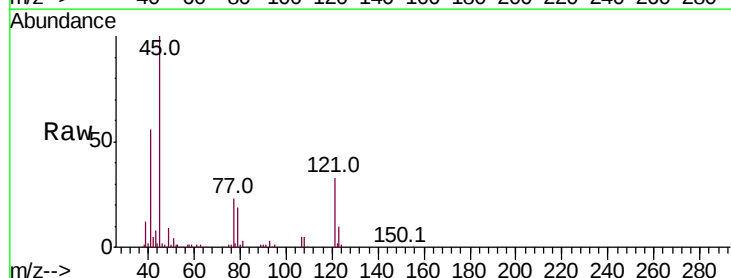
Tgt Ion: 45 Resp: 151011

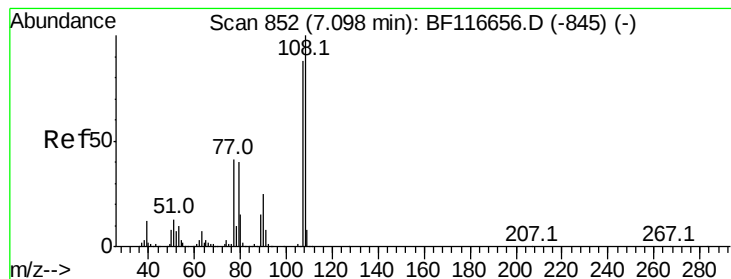
Ion Ratio Lower Upper

45 100

77 23.0 2.7 42.7

79 19.1 0.0 38.5

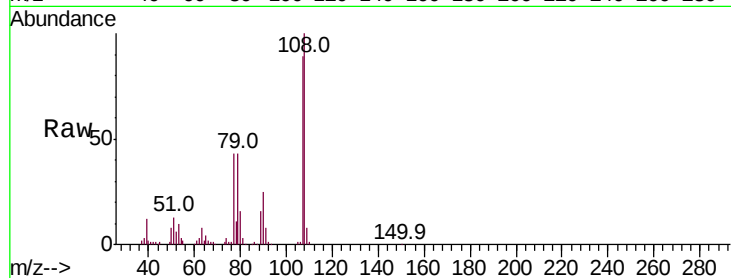




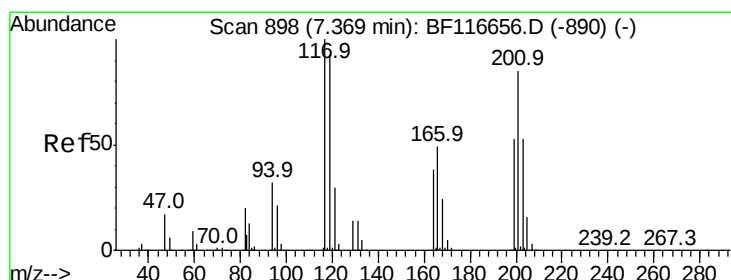
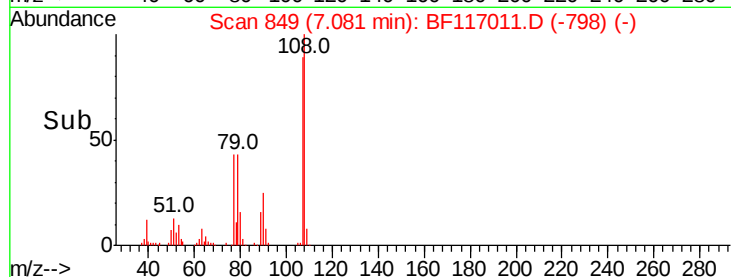
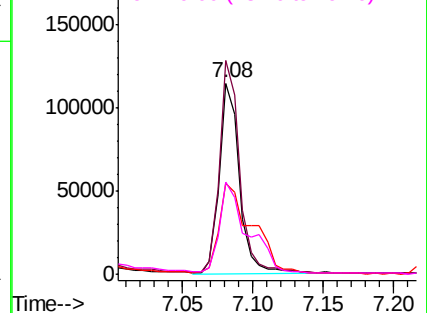
#17
2-Methylphenol
Concen: 35.641 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	115202
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.9	136.3
77	47.6	38.6	58.0
79	48.4	38.6	57.8

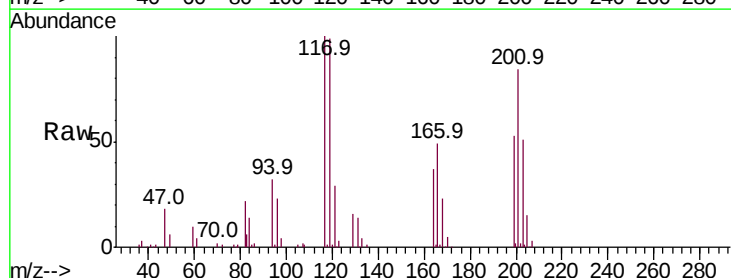


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

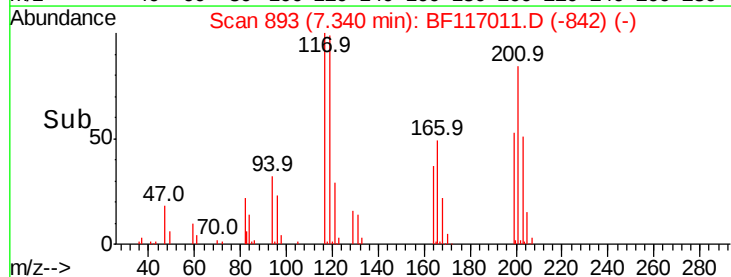
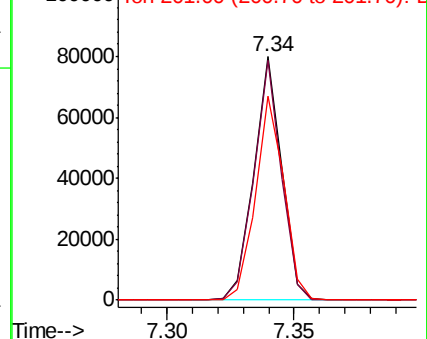


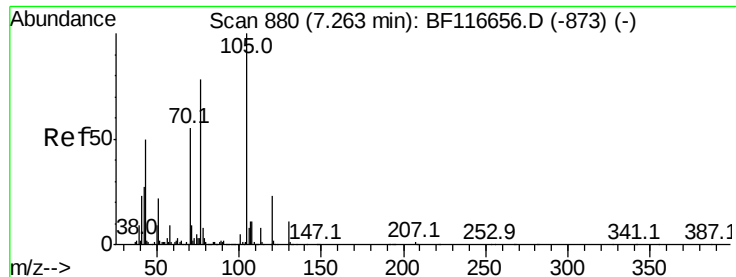
#18
Hexachloroethane
Concen: 37.995 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion:	117	Resp:	61331
Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.8	115.2
201	84.0	68.2	102.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.931 ng

RT: 7.24 min Scan# 876

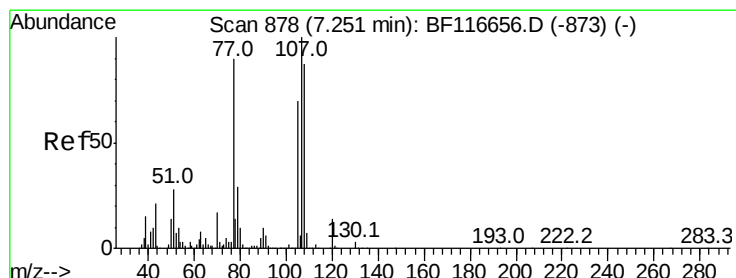
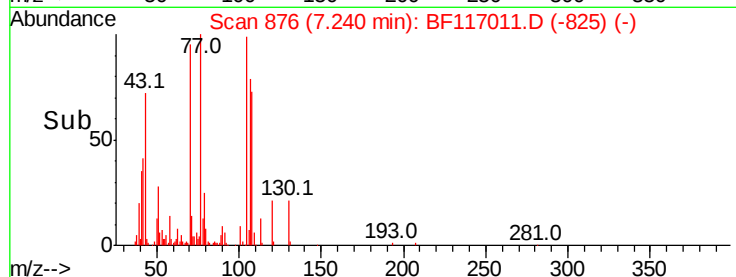
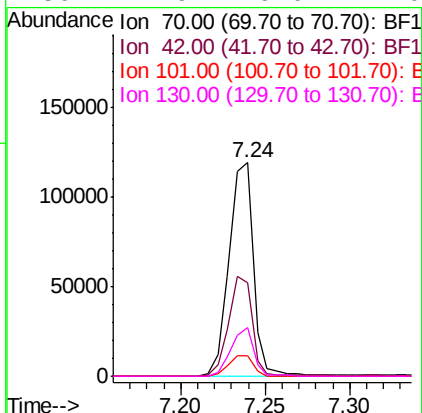
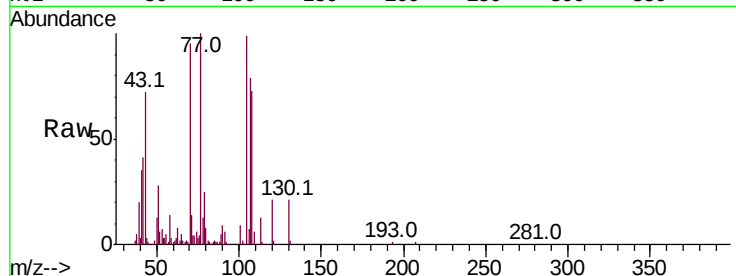
Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	119700
Ion	Ratio	Lower	Upper
70	100		
42	43.6	37.0	55.4
101	9.6	7.4	11.2
130	22.6	16.0	24.0



#20

3+4-Methylphenols

Concen: 38.876 ng

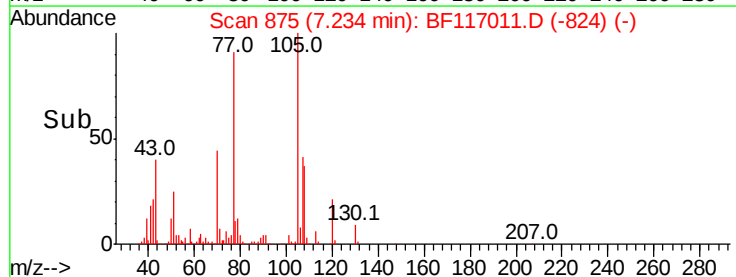
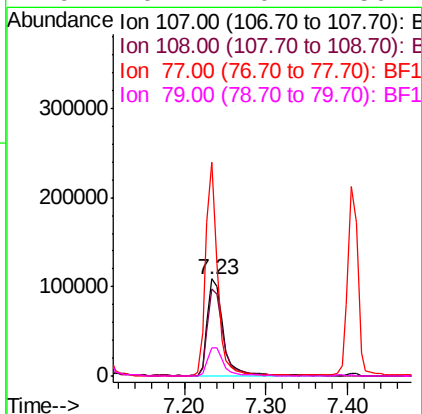
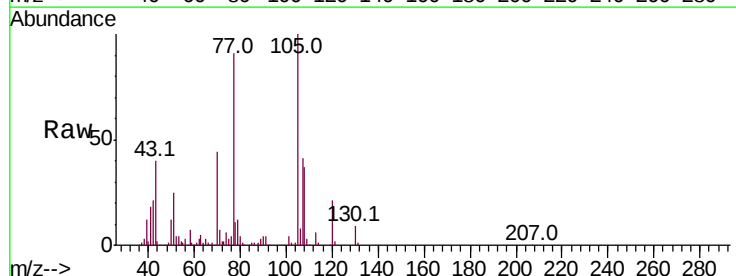
RT: 7.23 min Scan# 875

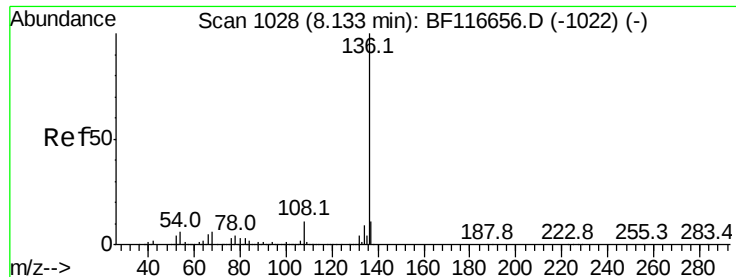
Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Tgt Ion:	107	Resp:	146105
Ion	Ratio	Lower	Upper
107	100		
108	89.9	71.9	111.9
77	220.8	112.6	152.6
79	29.1	10.7	50.7

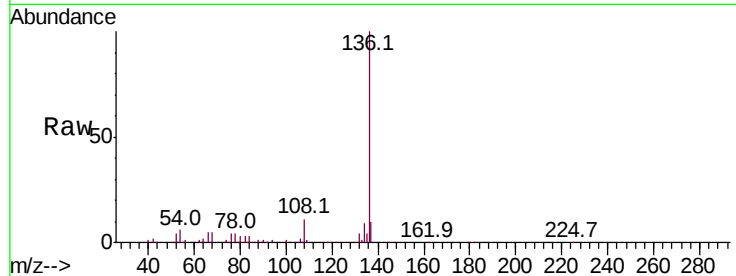




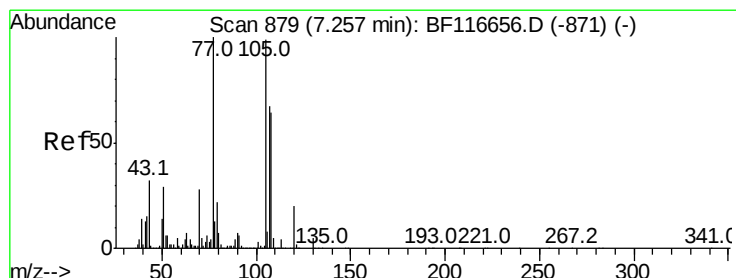
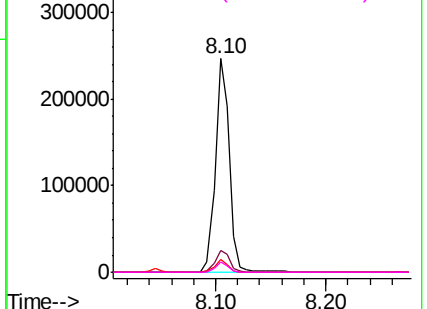
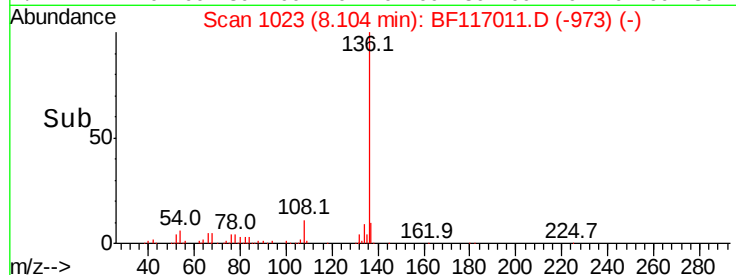
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	215109
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.5 12.7
54	5.9	3.8 5.8#
68	4.8	3.6 5.4

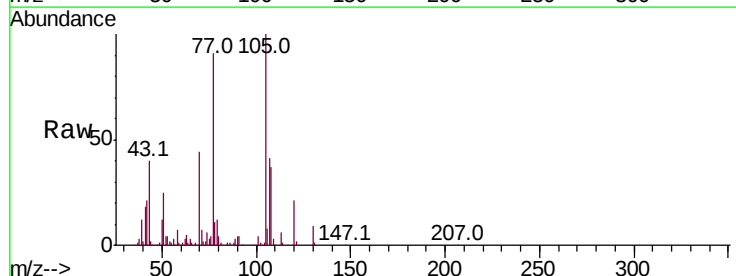


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

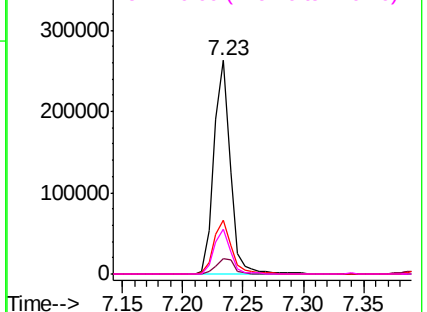
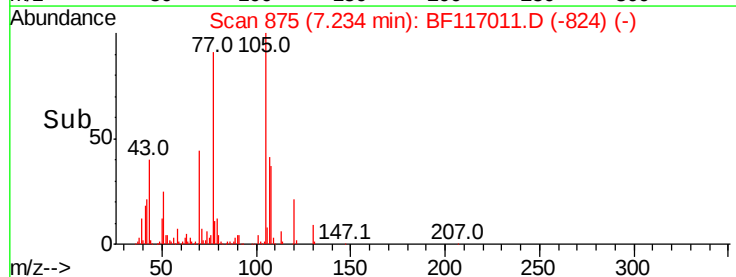


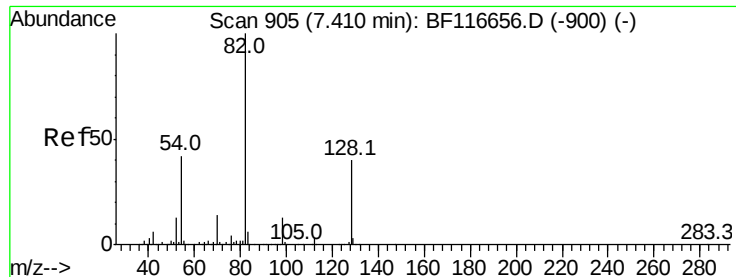
#22
Acetophenone
Concen: 47.153 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion:105	Resp:	244197
Ion Ratio	Lower	Upper
105	100	
71	7.0	4.2 6.4#
51	25.0	24.6 37.0
120	21.1	17.4 26.2



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

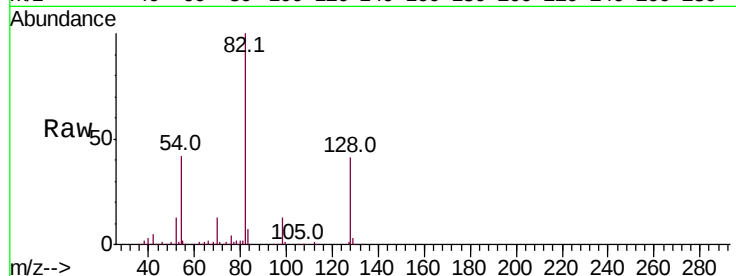




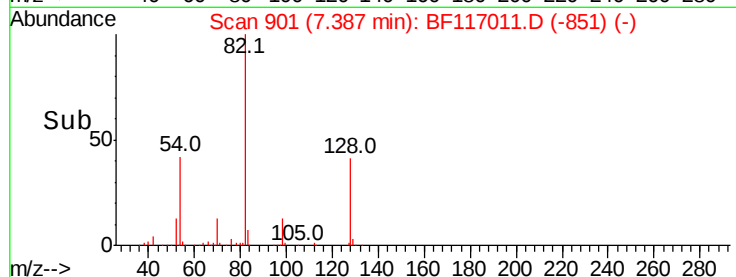
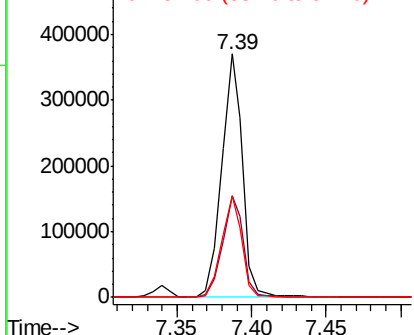
#23
Nitrobenzene-d5
Concen: 97.004 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	365518
Ion Ratio	100	Lower	Upper
128	41.5	35.0	52.4
54	41.8	32.6	48.8

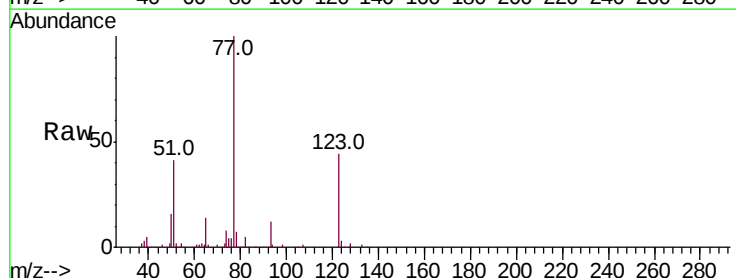
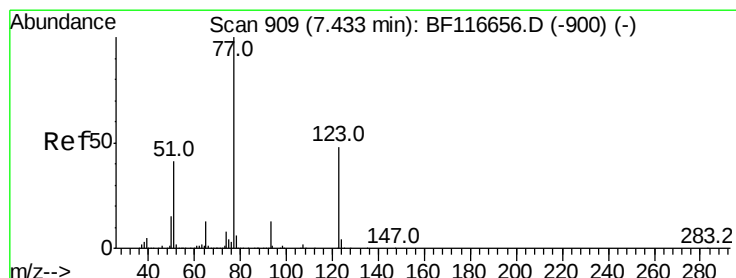


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

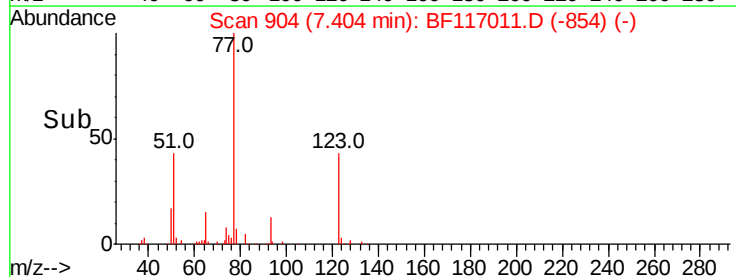
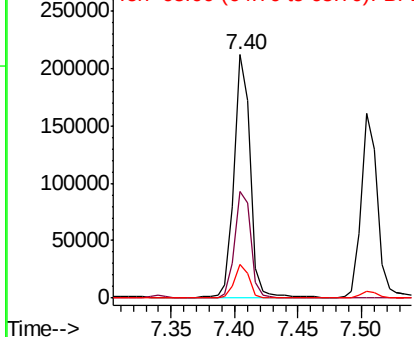


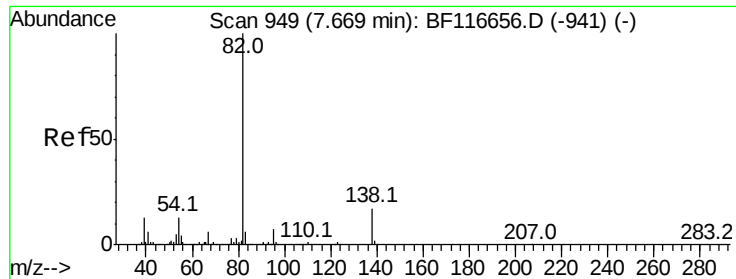
#24
Nitrobenzene
Concen: 47.435 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion	77	Resp	181783
Ion Ratio	100	Lower	Upper
123	43.6	37.7	56.5
65	14.1	10.3	15.5



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





#25

Isophorone

Concen: 43.877 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :

BNA_F

ClientSampled :

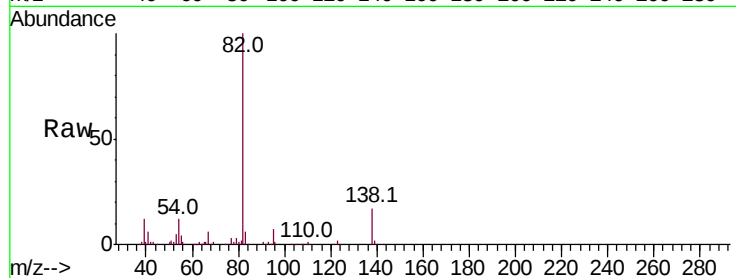
Tot Ion: 82 Resp: 335019

Ion Ratio Lower Upper

82 100

95 6.9 6.0 9.0

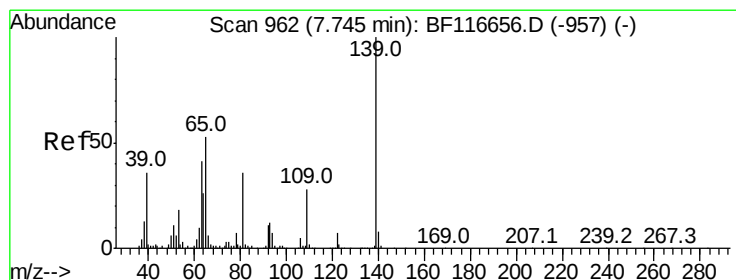
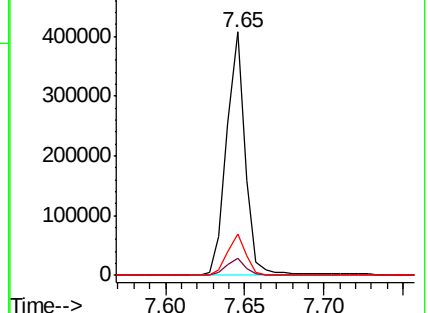
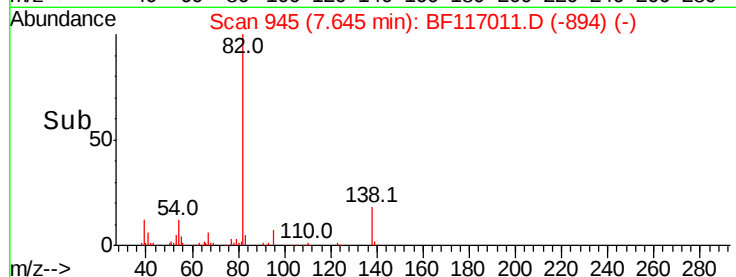
138 17.2 13.4 20.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.012 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

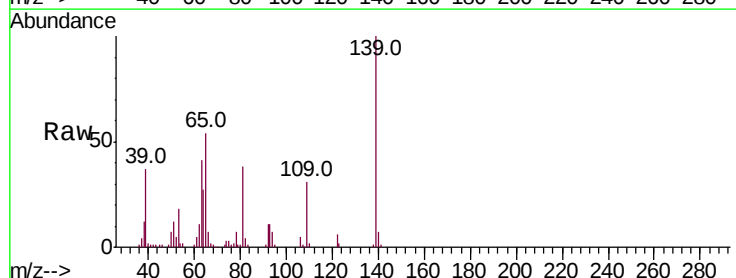
Tgt Ion: 139 Resp: 68407

Ion Ratio Lower Upper

139 100

109 31.3 26.2 39.4

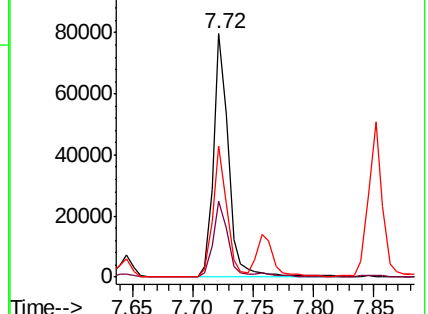
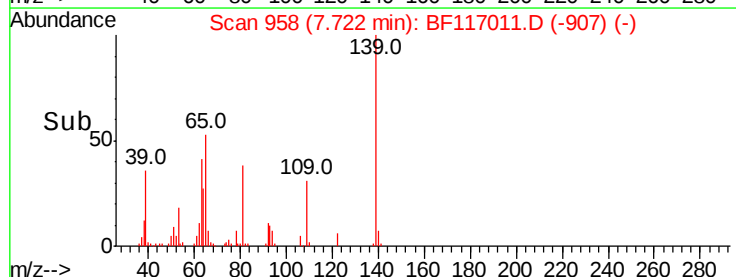
65 53.7 42.5 63.7

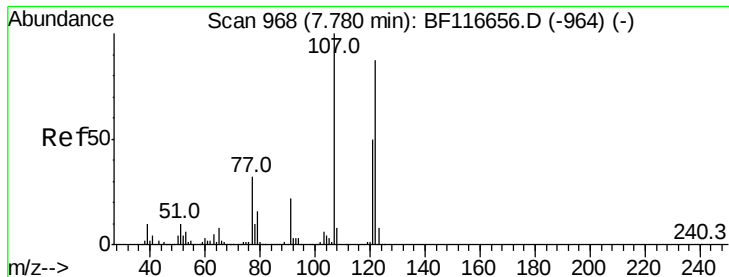


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

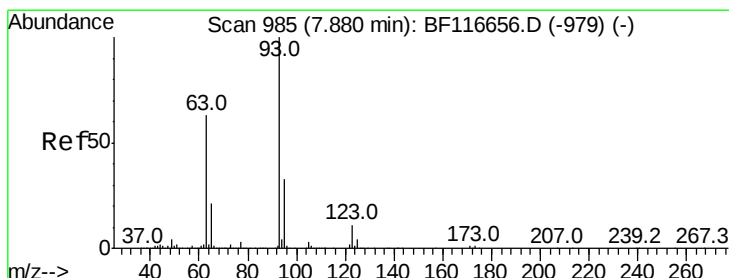
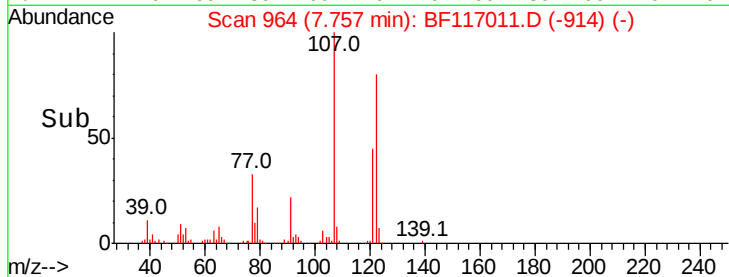
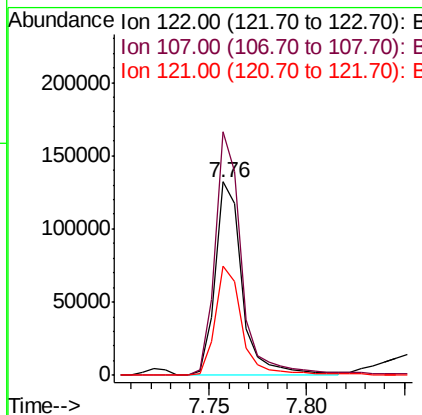
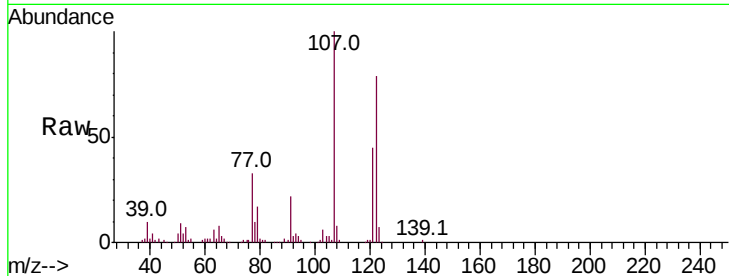




#27
2,4-Dimethylphenol
Concen: 44.457 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

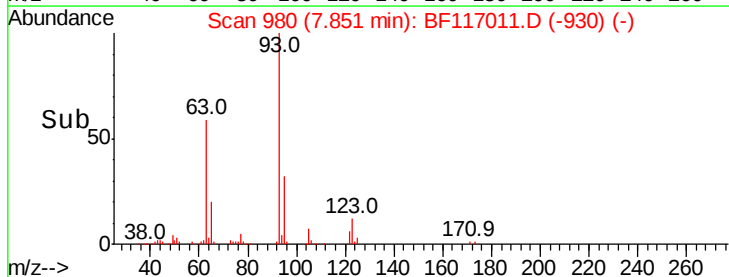
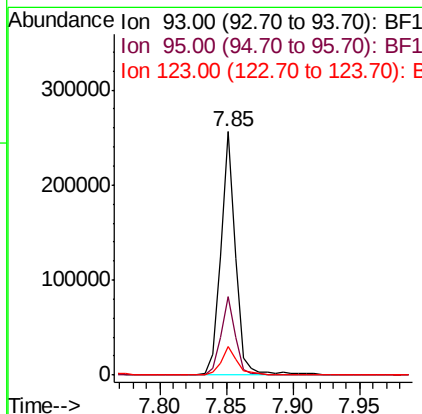
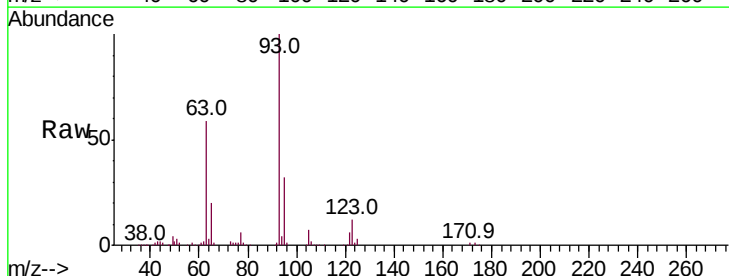
Instrument :
BNA_F
ClientSampleId :

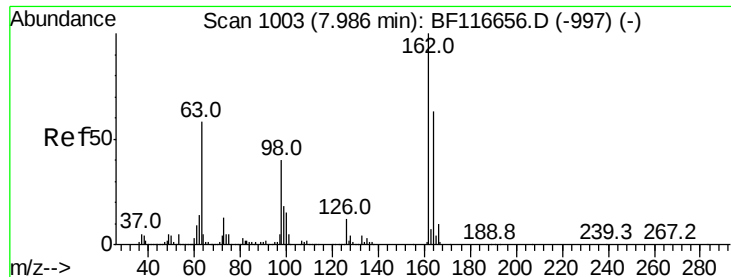
Tot Ion:122 Resp: 127923
Ion Ratio Lower Upper
122 100
107 125.9 98.8 148.2
121 56.4 44.8 67.2



#28
bis(2-Chloroethoxy)methane
Concen: 43.332 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion: 93 Resp: 202184
Ion Ratio Lower Upper
93 100
95 32.1 26.2 39.2
123 11.6 9.7 14.5

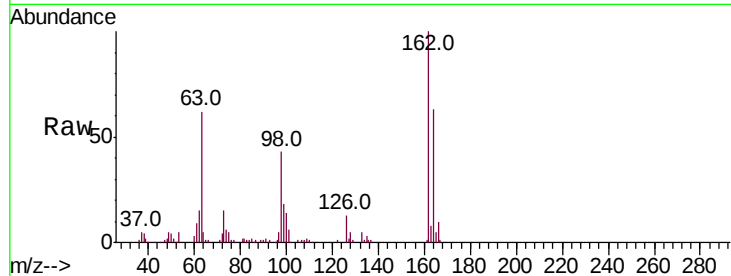




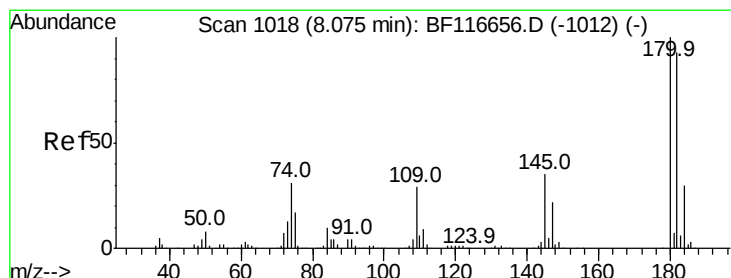
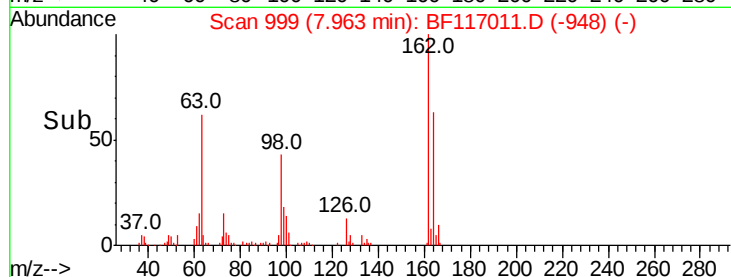
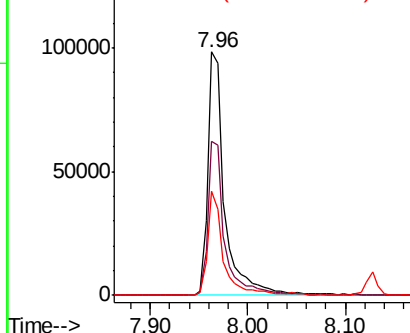
#29
 2,4-Dichlorophenol
 Concen: 42.627 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117011.D
 Acq: 13 Sep 2019 00:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.8	83.8
98	42.8	22.8	62.8

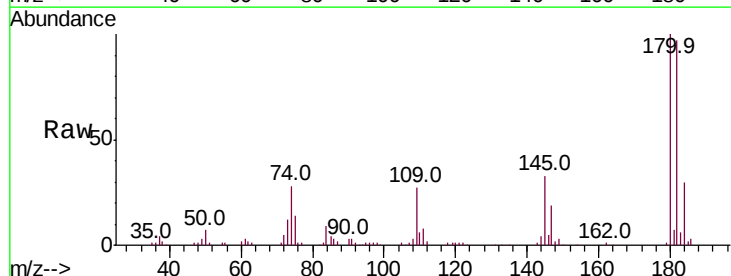


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

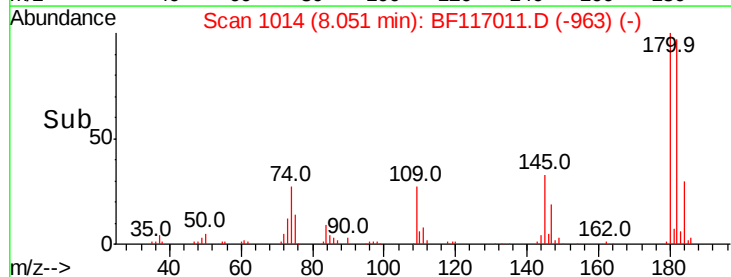
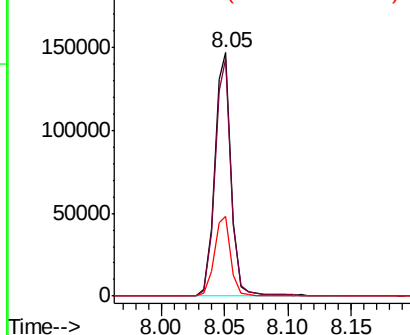


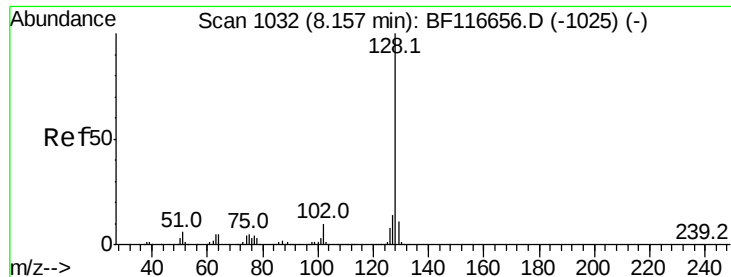
#30
 1,2,4-Trichlorobenzene
 Concen: 45.065 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF117011.D
 Acq: 13 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.3	115.9
145	32.6	27.4	41.2



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

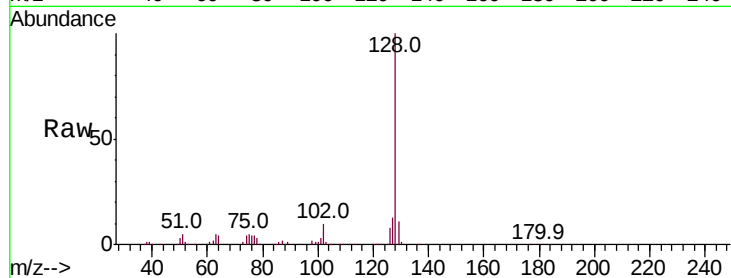




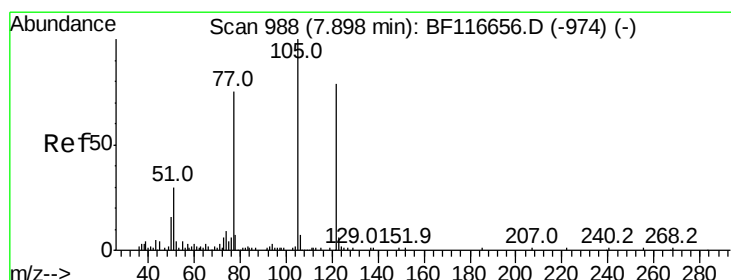
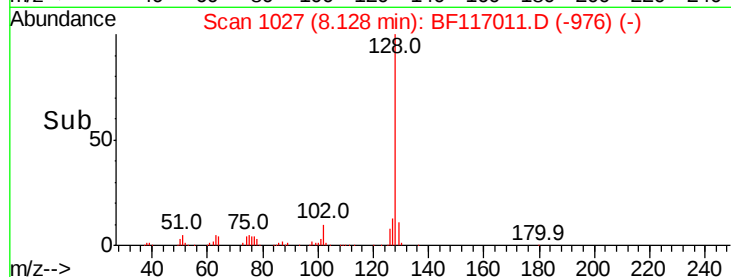
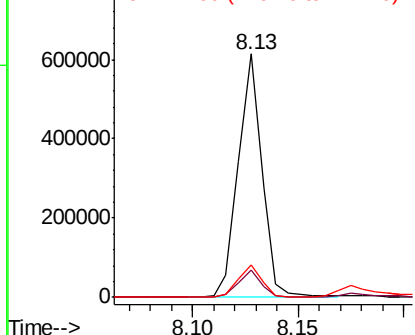
#31
Naphthalene
Concen: 46.717 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 477856
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.3 10.6 16.0

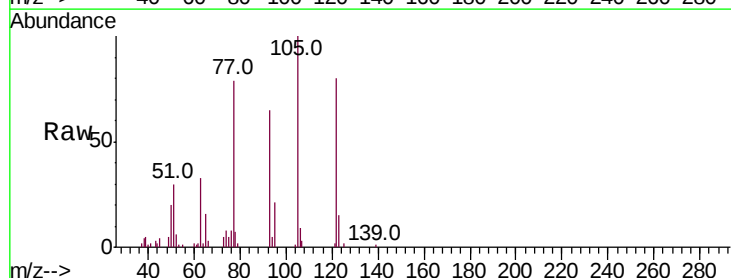


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

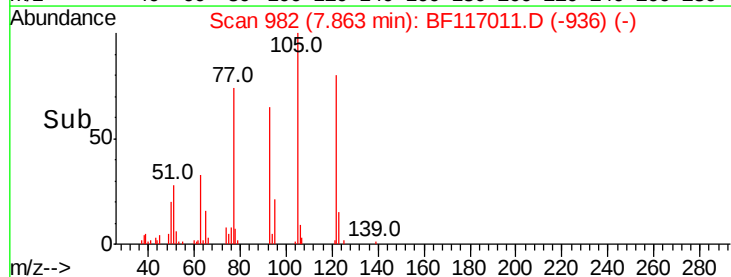
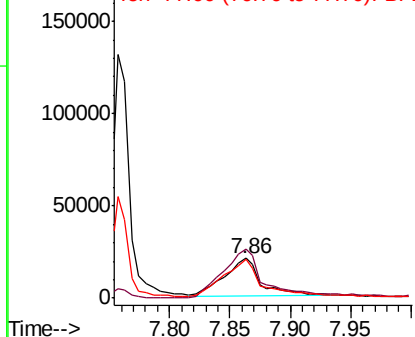


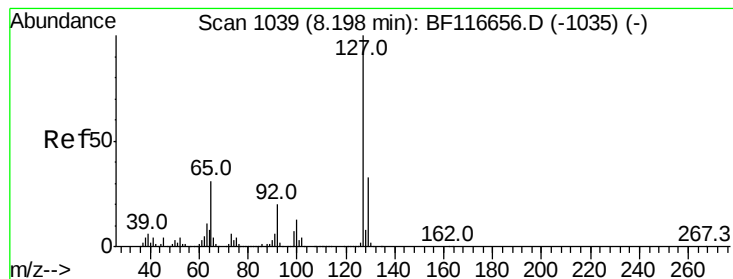
#32
Benzoic acid
Concen: 27.437 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion:122 Resp: 44577
Ion Ratio Lower Upper
122 100
105 124.4 105.8 145.8
77 98.2 74.3 114.3



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: 9.021 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 42001

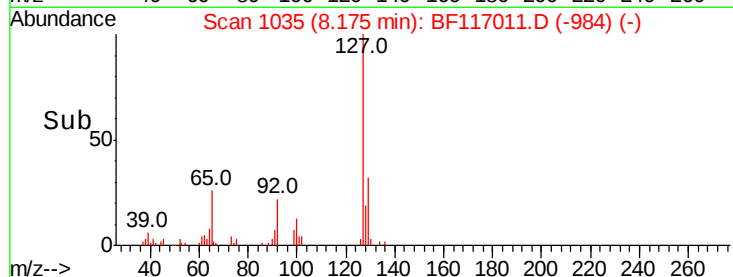
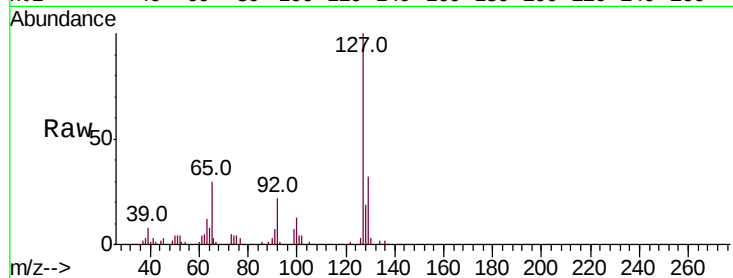
Ion Ratio Lower Upper

127 100

129 31.9 25.8 38.8

65 29.9 25.3 37.9

92 21.6 16.0 24.0

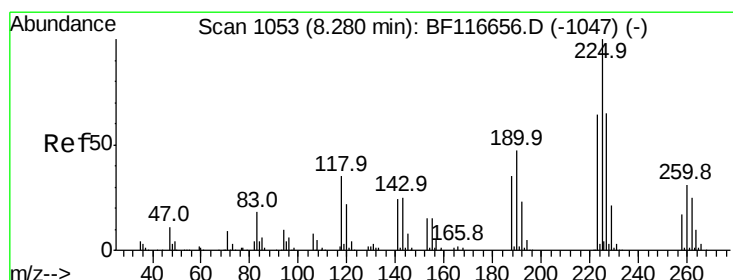
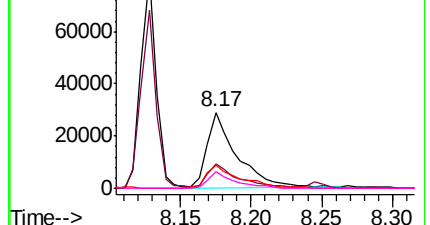


Abundance Ion 127.00 (126.70 to 127.70): E

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: 46.694 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

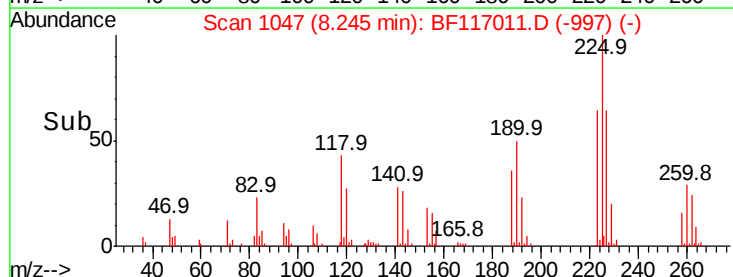
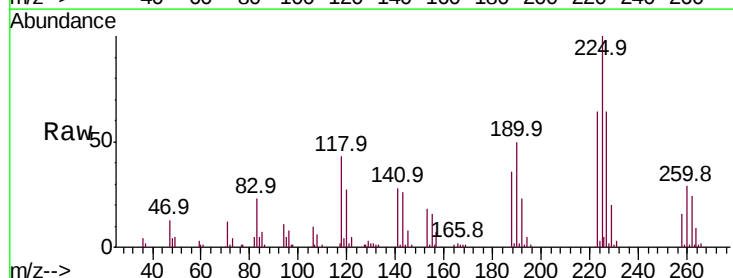
Tgt Ion:225 Resp: 76364

Ion Ratio Lower Upper

225 100

223 64.0 49.8 74.6

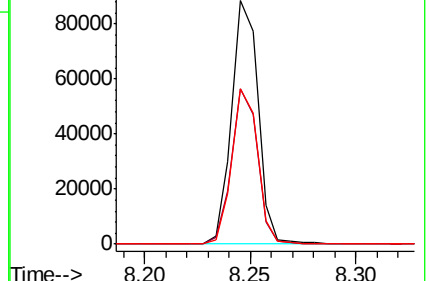
227 63.6 50.6 75.8

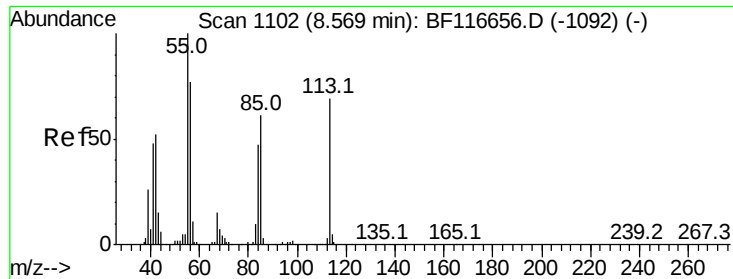


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

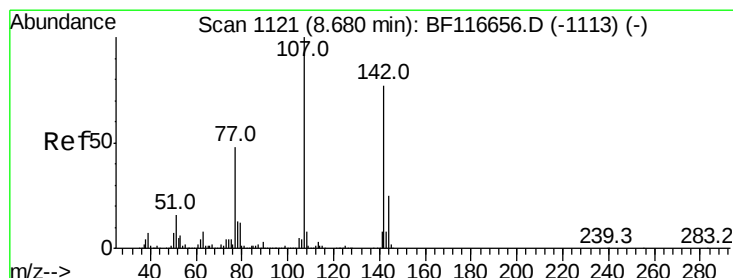
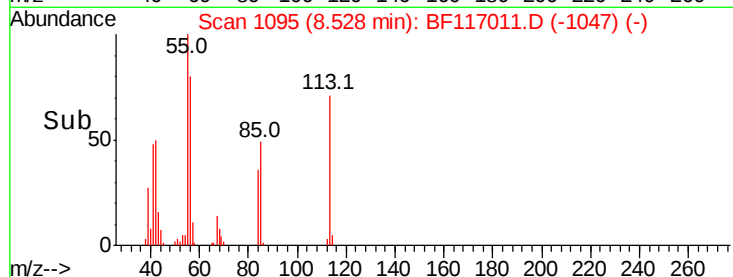
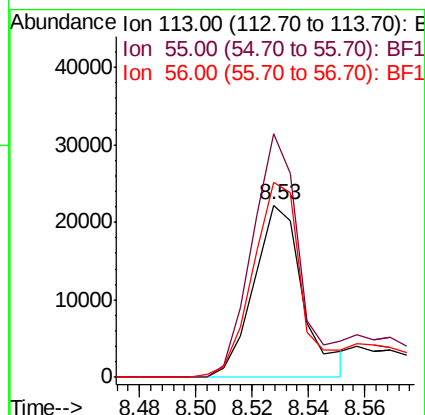
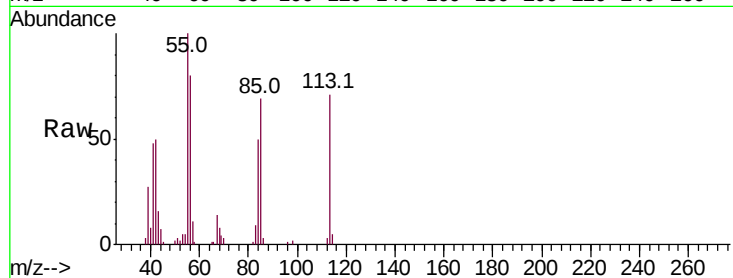




#35
Caprolactam
Concen: 25.988 ng
RT: 8.53 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

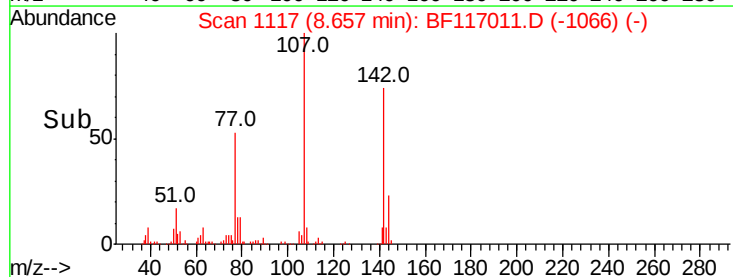
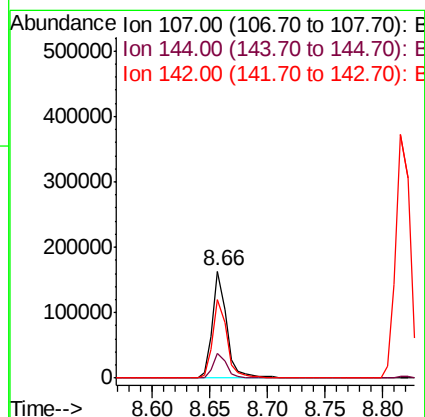
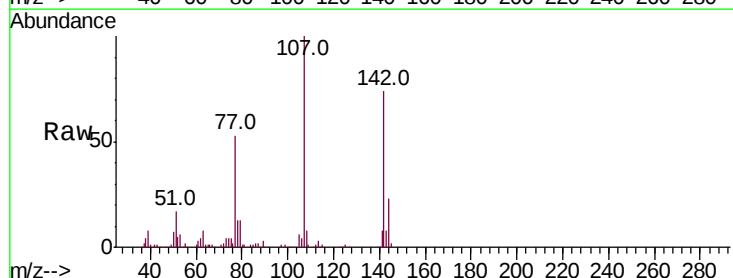
Instrument :
BNA_F
ClientSampleId :

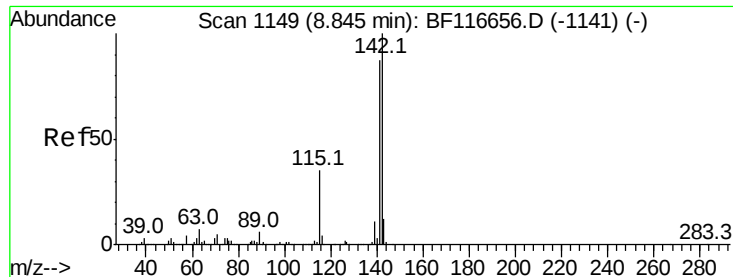
Tot Ion:113 Resp: 26895
Ion Ratio Lower Upper
113 100
55 141.5 116.6 156.6
56 113.7 91.3 131.3



#36
4-Chloro-3-methylphenol
Concen: 44.346 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion:107 Resp: 140944
Ion Ratio Lower Upper
107 100
144 23.5 18.6 28.0
142 74.1 55.9 83.9





#37

2-Methylnaphthalene

Concen: 48.735 ng

RT: 8.82 min Scan# 1144

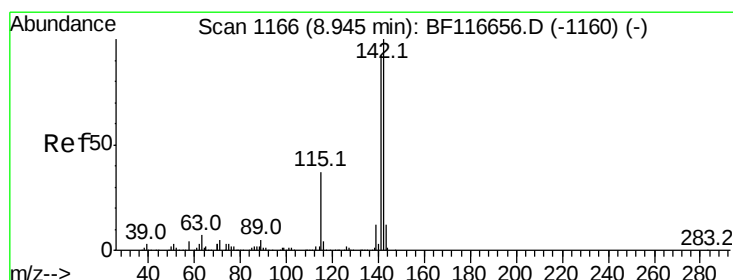
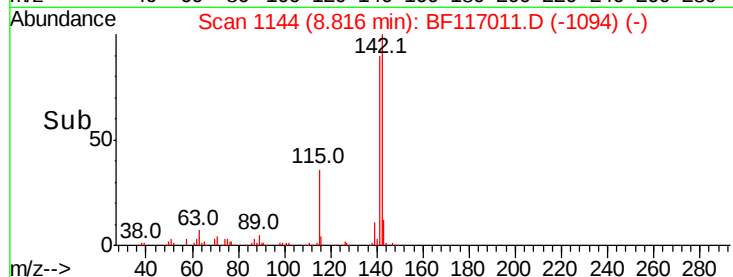
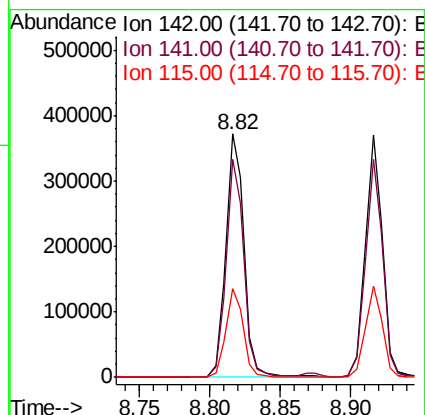
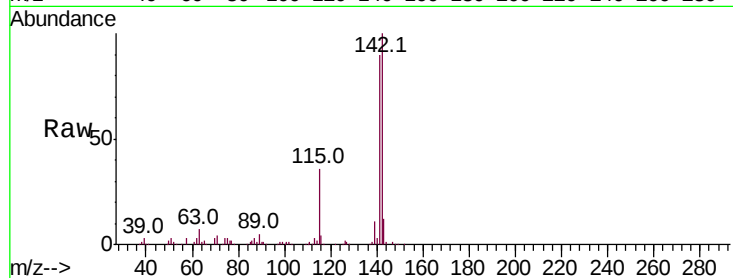
Delta R.T. -0.01 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.5	105.7
115	36.3	27.7	41.5



#38

1-Methylnaphthalene

Concen: 48.099 ng

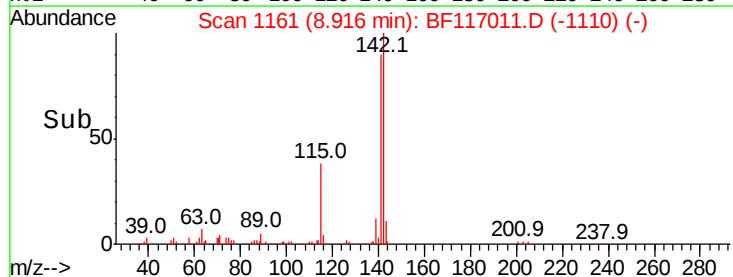
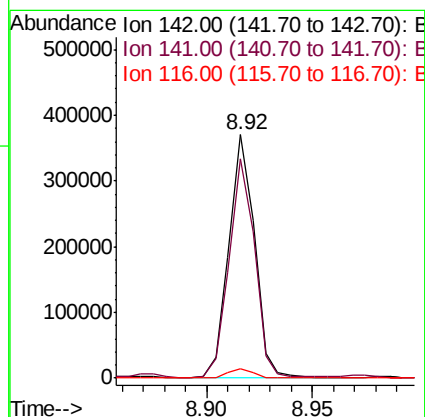
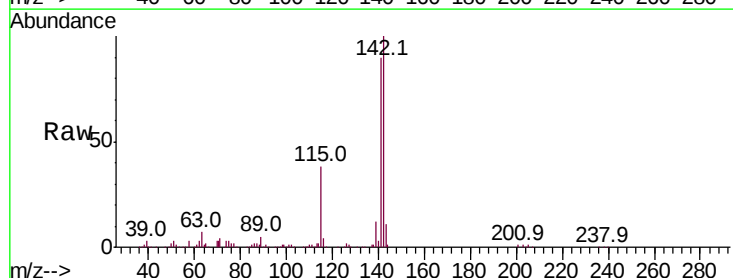
RT: 8.92 min Scan# 1161

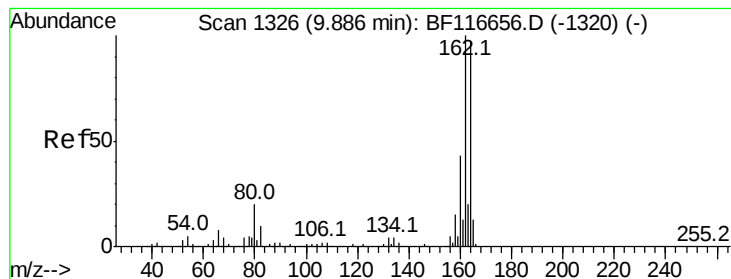
Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9
116	3.8	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

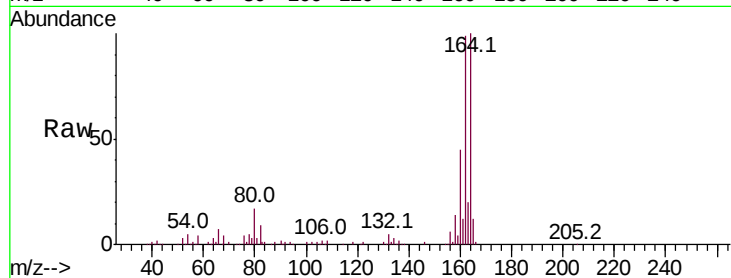
Tot Ion:164 Resp: 116238

Ion Ratio Lower Upper

164 100

162 99.4 81.8 122.6

160 44.7 35.7 53.5

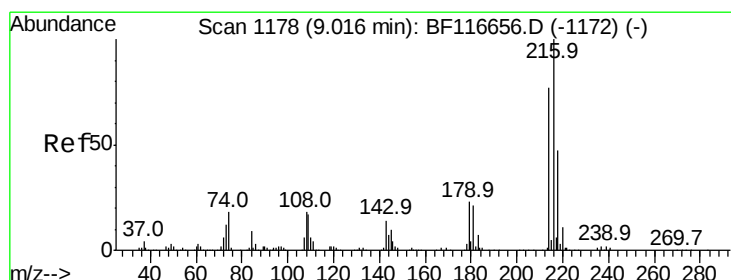
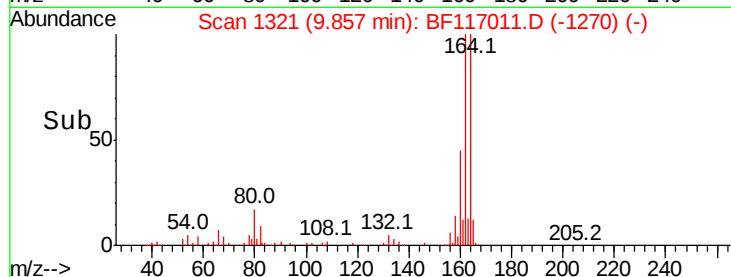
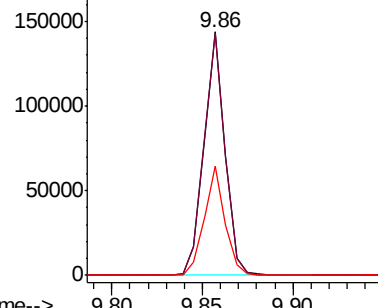


Abundance

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: 48.154 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Tgt Ion:216 Resp: 134177

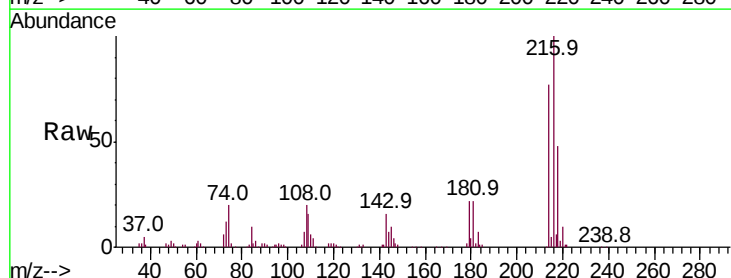
Ion Ratio Lower Upper

216 100

214 77.5 63.4 95.2

179 22.9 19.3 28.9

108 21.2 18.7 28.1



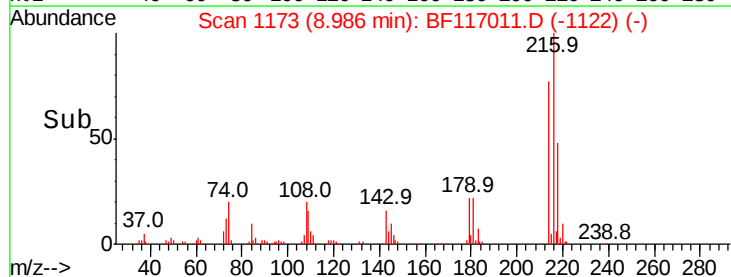
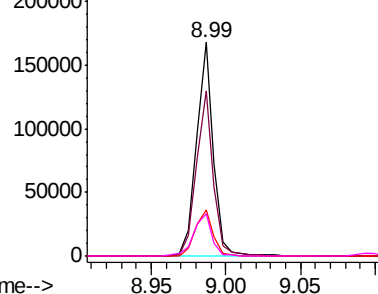
Abundance

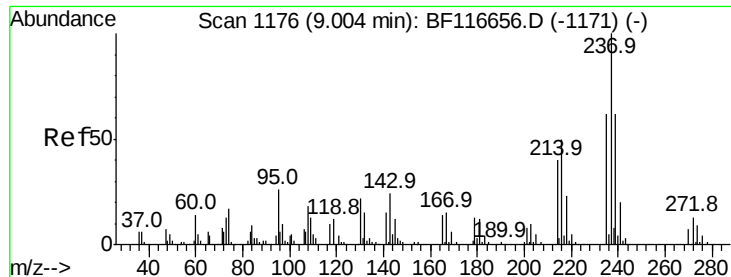
Ion 216.00 (215.70 to 216.70): E

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: 17.380 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

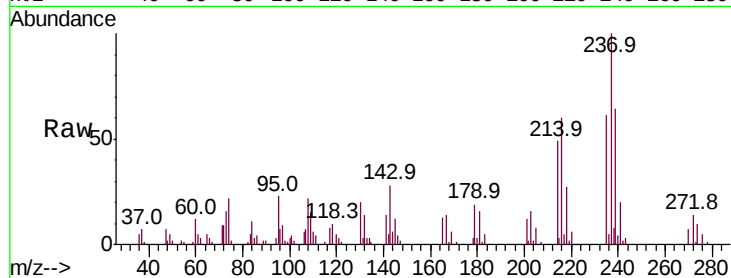
Tot Ion:237 Resp: 27966

Ion Ratio Lower Upper

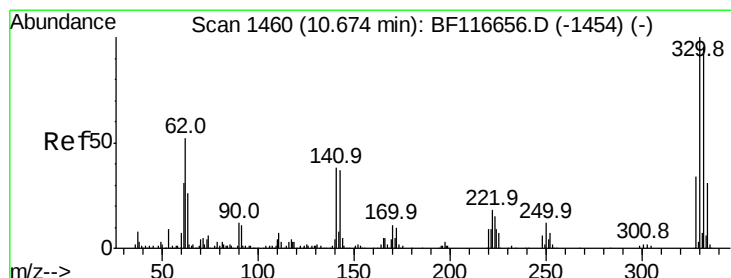
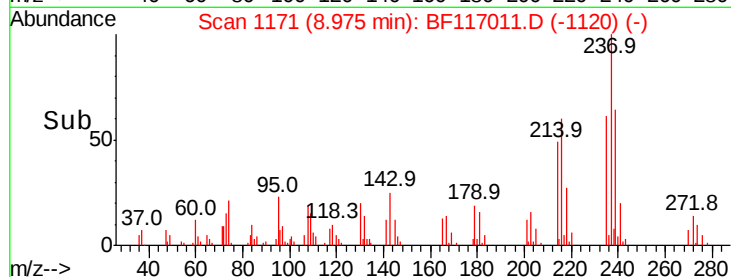
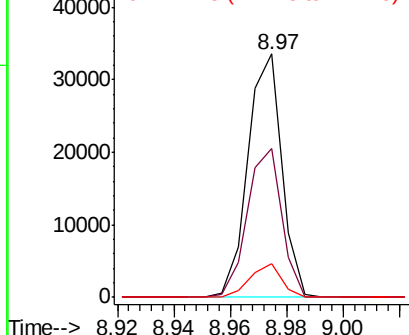
237 100

235 61.4 45.8 85.8

272 13.9 0.0 33.4



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: 149.767 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

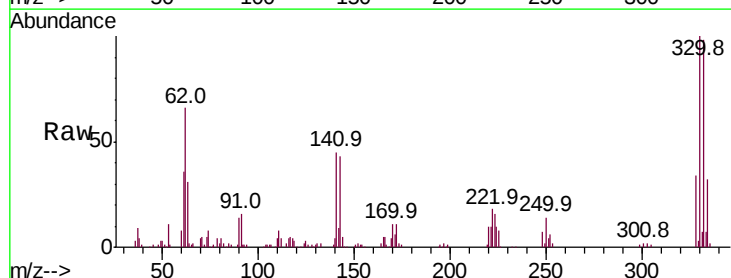
Tgt Ion:330 Resp: 116380

Ion Ratio Lower Upper

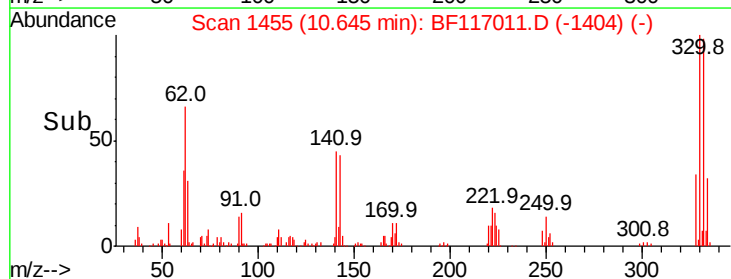
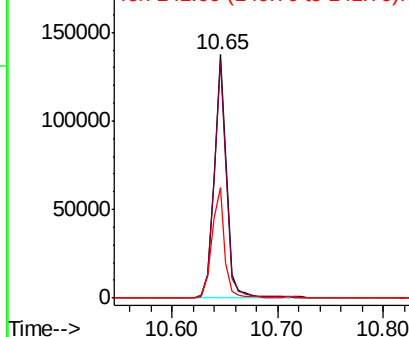
330 100

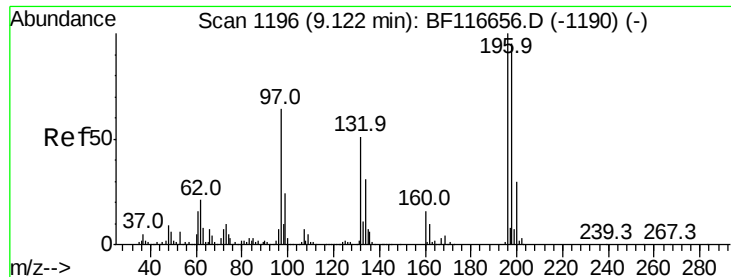
332 97.2 75.9 113.9

141 45.6 35.6 53.4



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

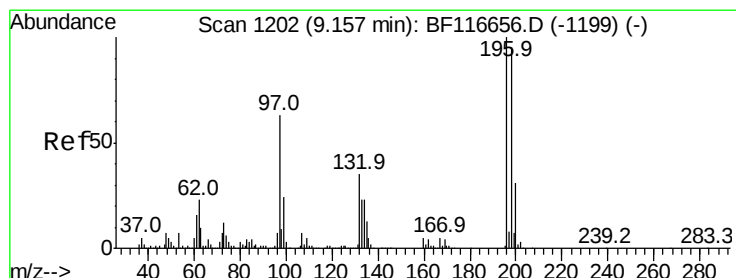
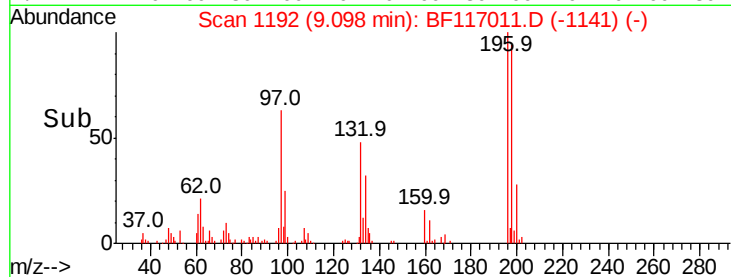
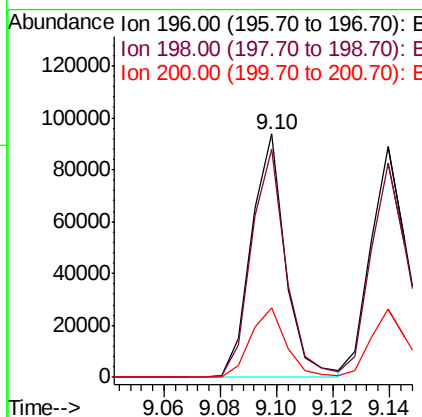
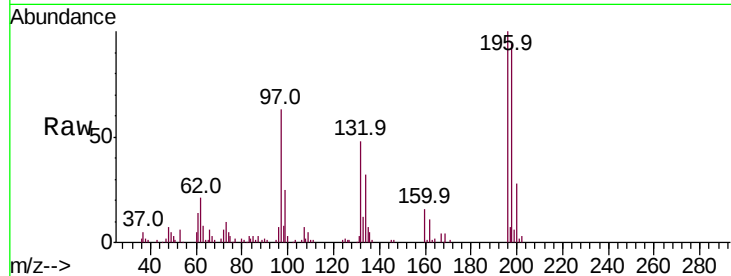




#43
 2,4,6-Trichlorophenol
 Concen: 41.086 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF117011.D
 Acq: 13 Sep 2019 00:44

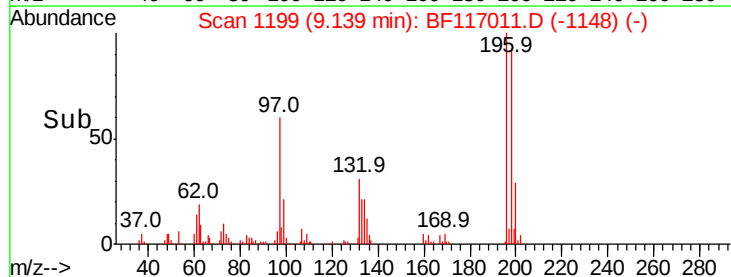
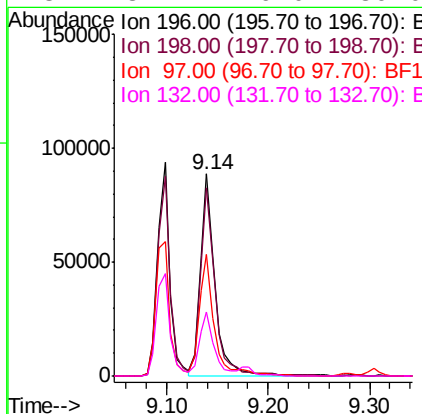
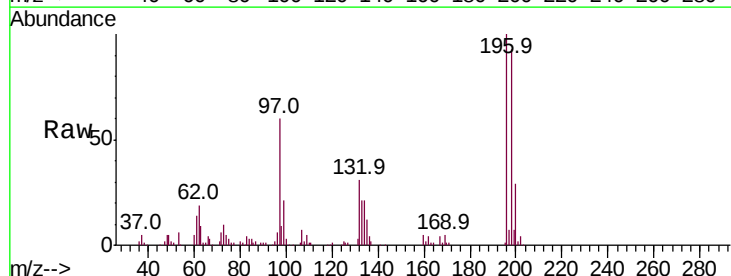
Instrument :
 BNA_F
 ClientSampled :

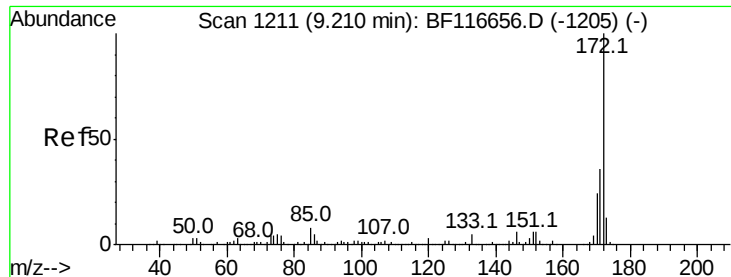
Tot Ion:196 Resp: 78478
 Ion Ratio Lower Upper
 196 100
 198 93.6 77.4 116.0
 200 28.5 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.334 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF117011.D
 Acq: 13 Sep 2019 00:44

Tgt Ion:196 Resp: 89899
 Ion Ratio Lower Upper
 196 100
 198 93.2 74.7 112.1
 97 60.4 45.4 68.0
 132 31.4 26.0 39.0

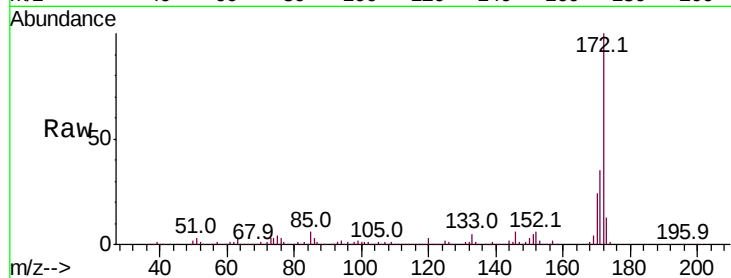




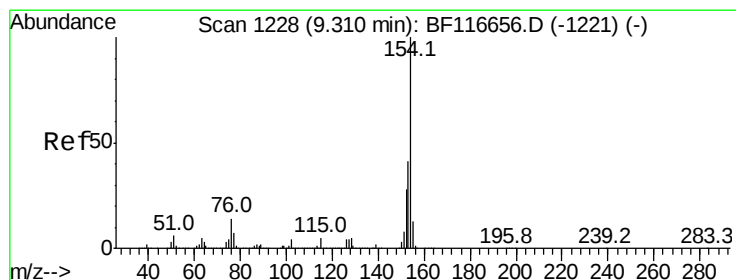
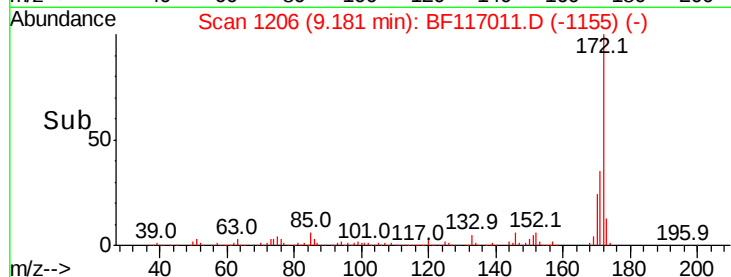
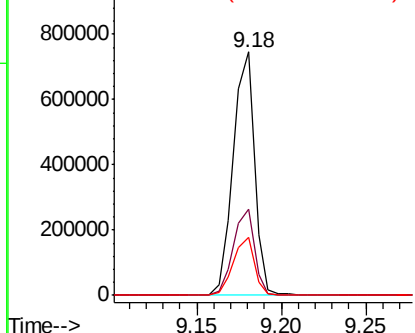
#45
2-Fluorobiphenyl
Concen: 95.418 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 657492
Ion Ratio Lower Upper
172 100
171 35.3 29.1 43.7
170 23.6 19.2 28.8

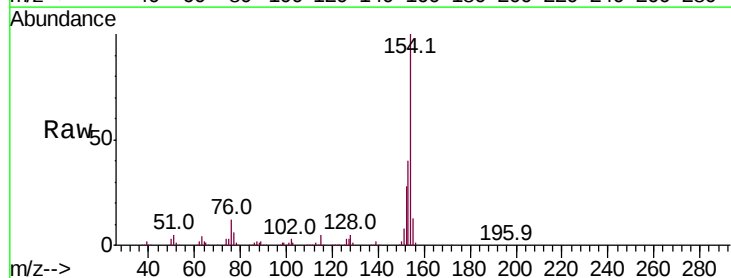


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

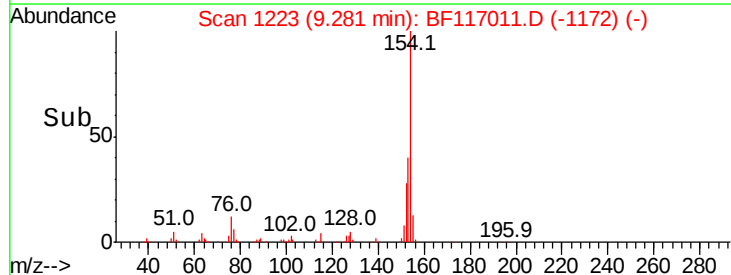
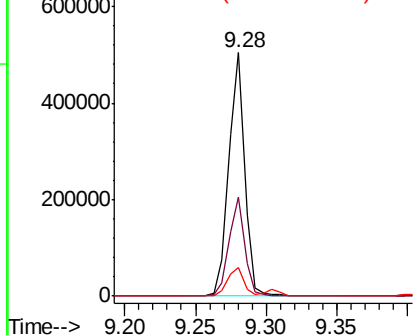


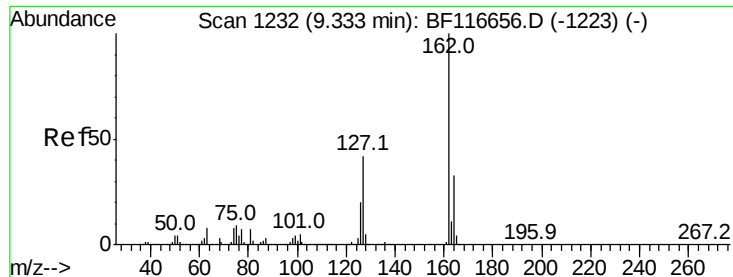
#46
1,1'-Biphenyl
Concen: 45.117 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion:154 Resp: 397943
Ion Ratio Lower Upper
154 100
153 40.4 19.8 59.8
76 12.0 0.0 32.8



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: 45.026 ng

RT: 9.30 min Scan# 1227

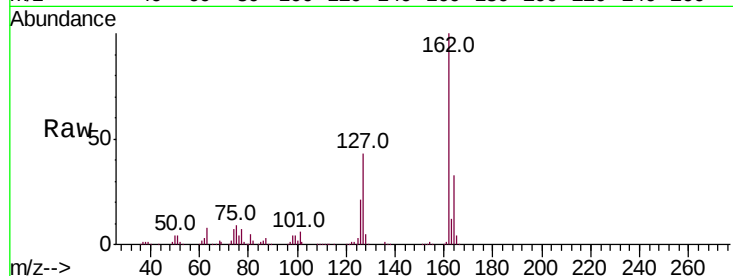
Delta R.T. -0.01 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :
BNA_F
ClientSampled :

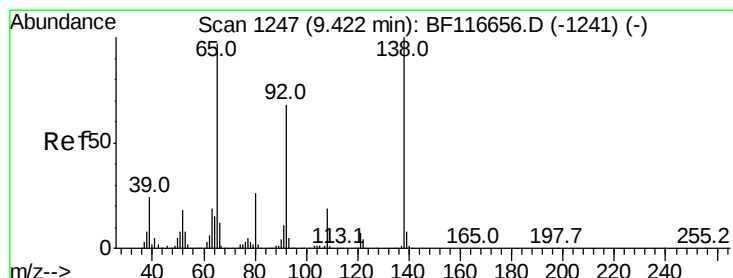
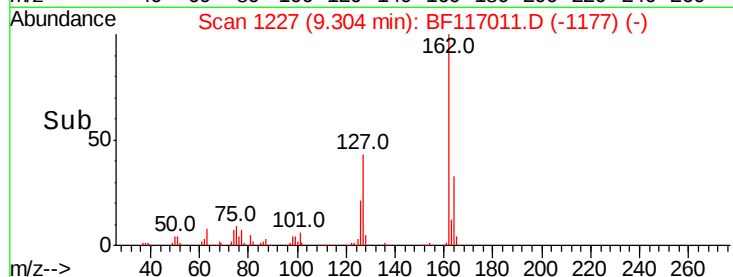
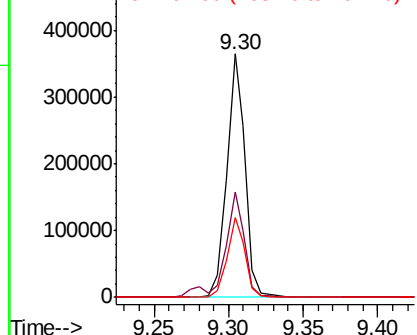
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.1	32.7	49.1
164	32.6	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 50.376 ng

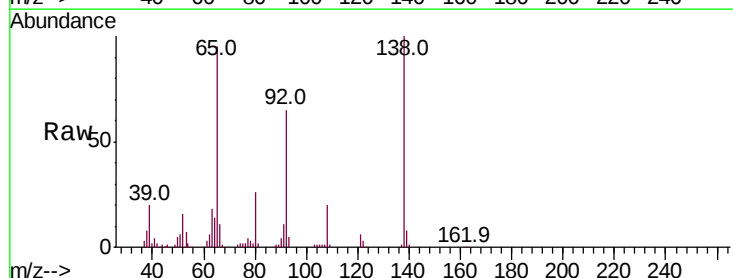
RT: 9.40 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

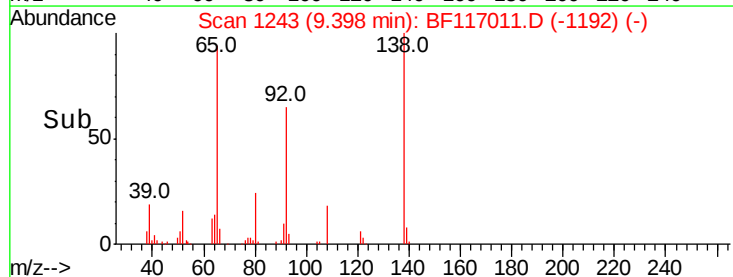
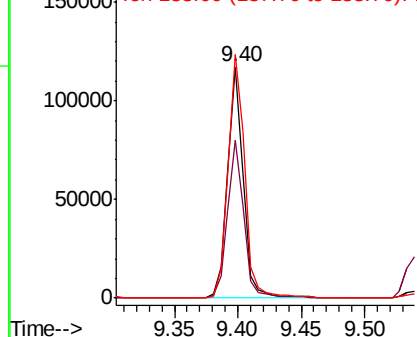
Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	59.0	88.6
138	105.3	84.2	126.2

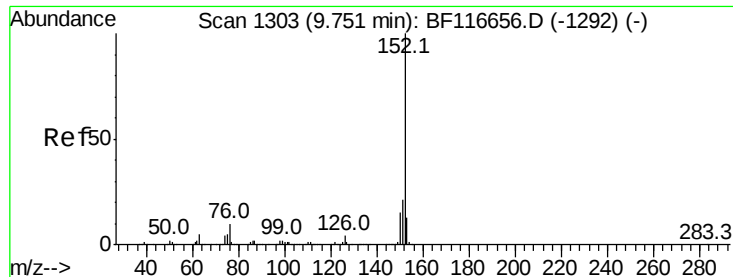


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.992 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

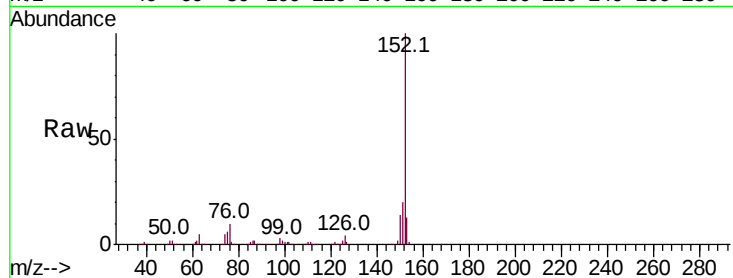
Tot Ion:152 Resp: 496251

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

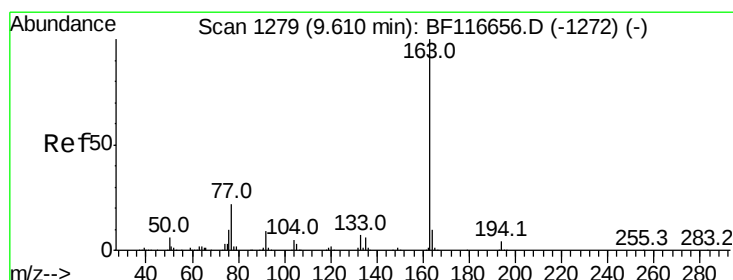
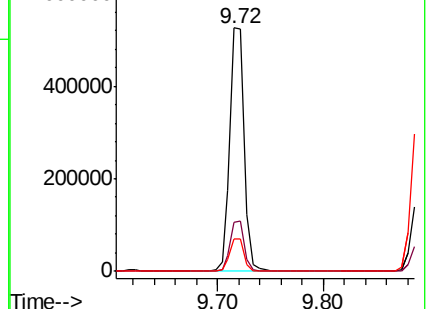
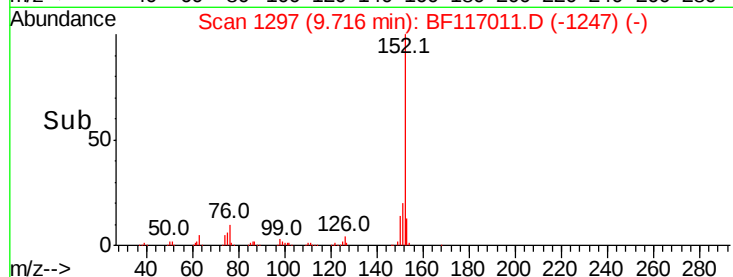
153 13.5 10.3 15.5



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: 55.605 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

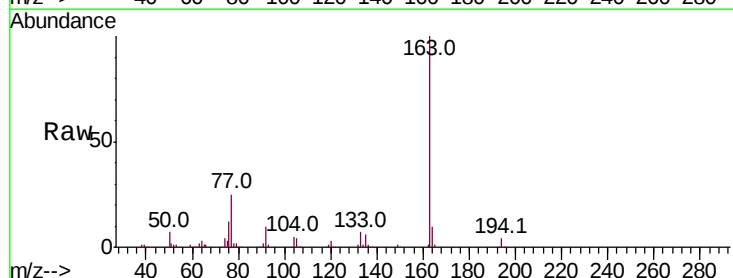
Tgt Ion:163 Resp: 446235

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

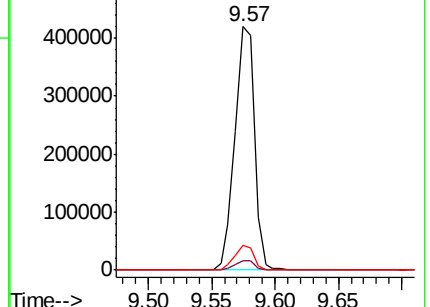
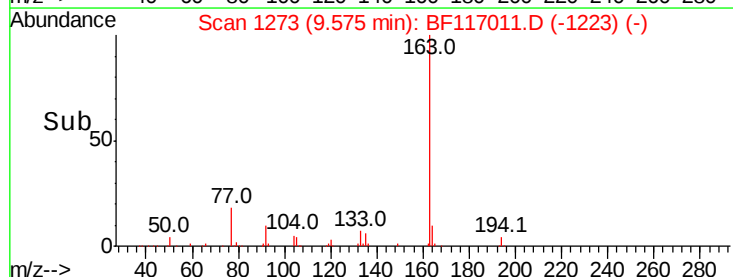
164 10.3 8.2 12.4

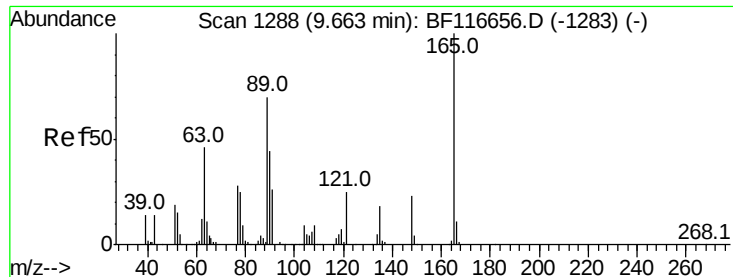


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

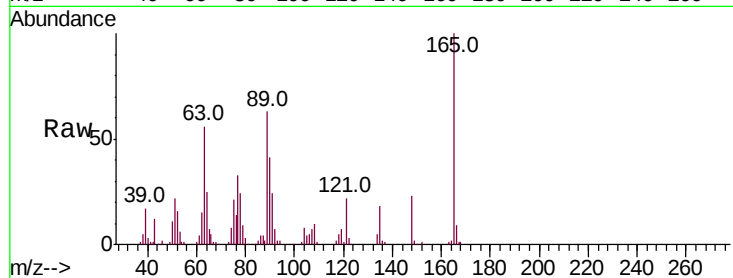




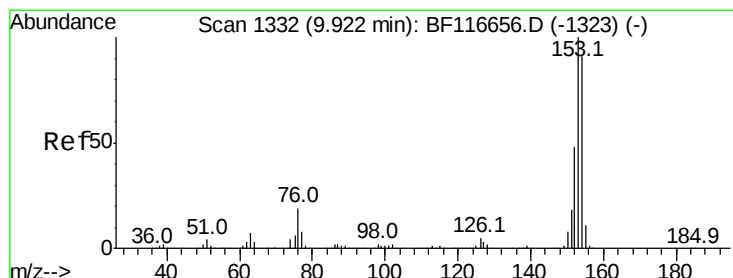
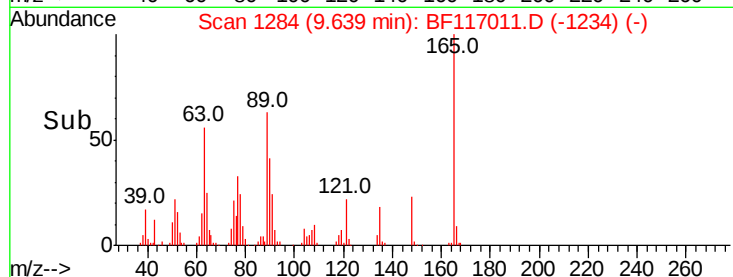
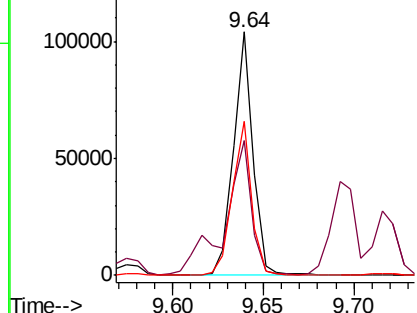
#51
2,6-Dinitrotoluene
Concen: 51.160 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 78332
Ion Ratio Lower Upper
165 100
63 55.5 38.0 57.0
89 63.2 44.1 66.1

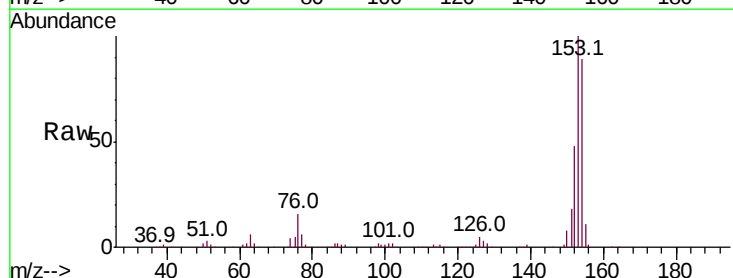


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

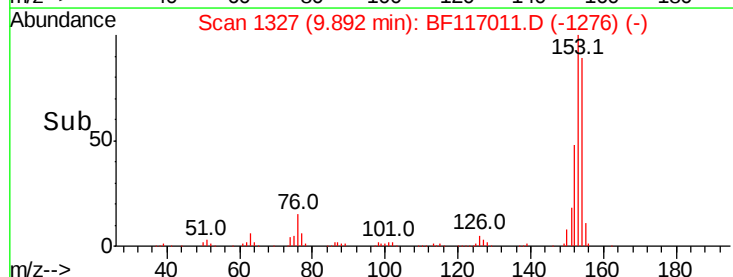
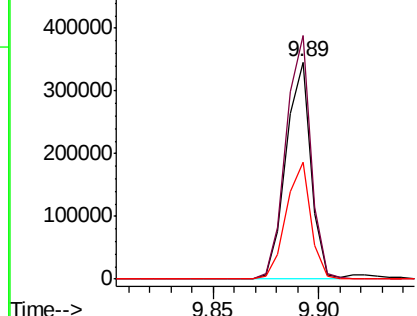


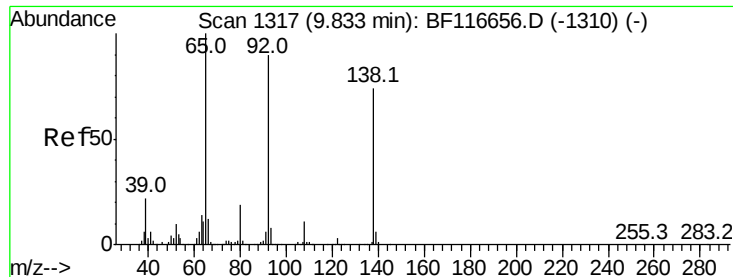
#52
Acenaphthene
Concen: 44.103 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion:154 Resp: 286166
Ion Ratio Lower Upper
154 100
153 112.1 89.9 134.9
152 53.9 42.6 63.8



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

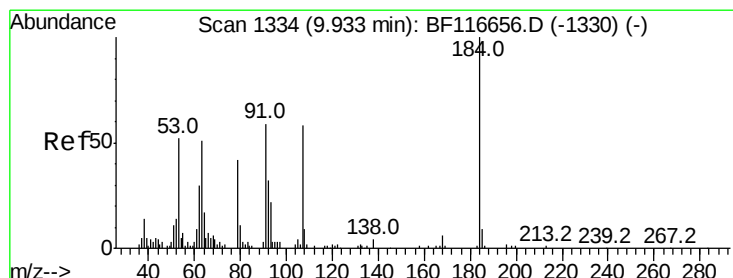
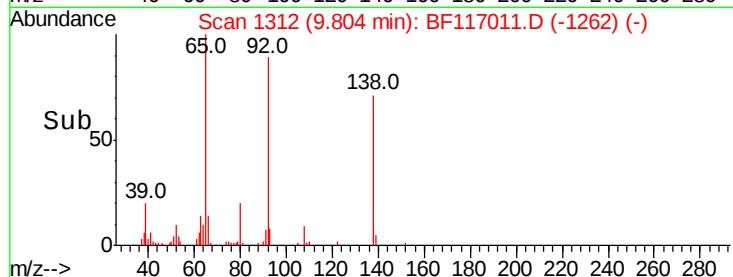
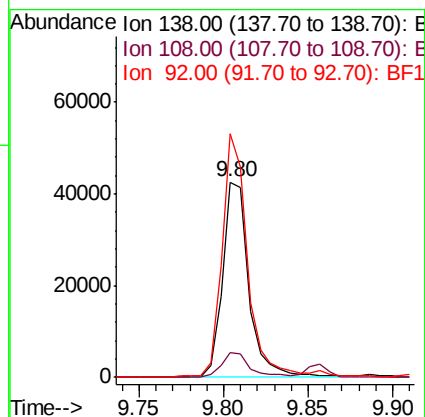
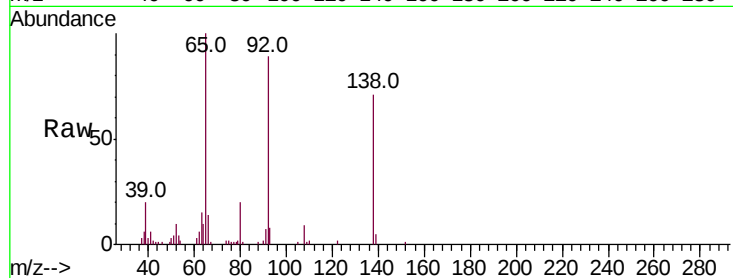




#53
3-Nitroaniline
Concen: 24.255 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

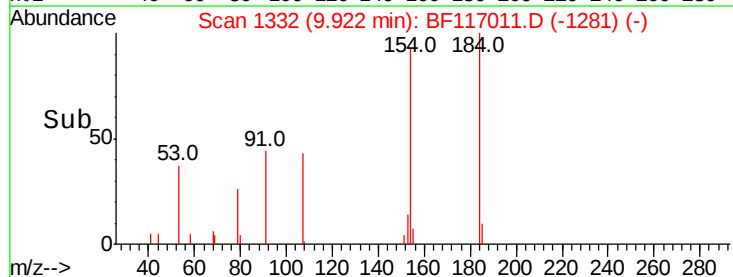
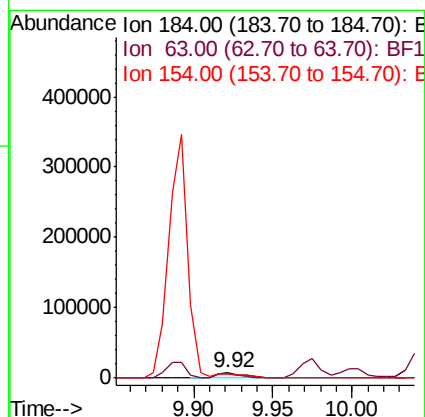
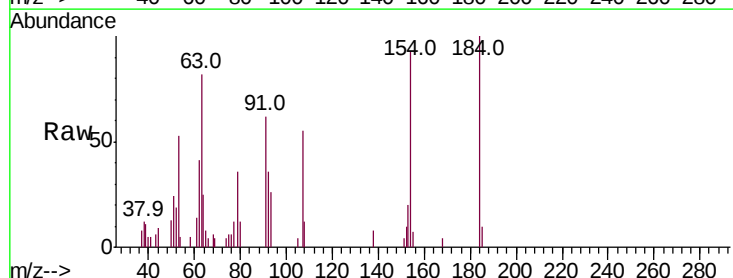
Instrument :
BNA_F
ClientSampleId :

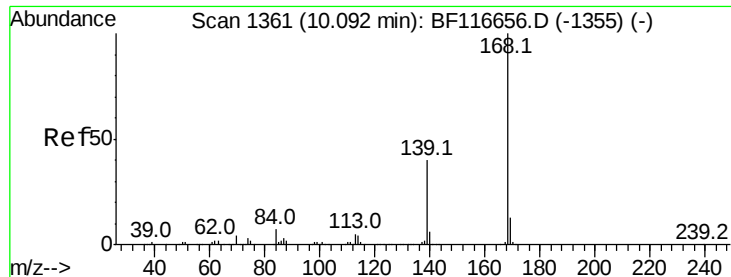
Tot Ion:138 Resp: 46541
Ion Ratio Lower Upper
138 100
108 12.8 9.3 13.9
92 124.7 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 25.440 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion:184 Resp: 10045
Ion Ratio Lower Upper
184 100
63 81.9 49.0 73.4#
154 92.7 58.3 87.5#

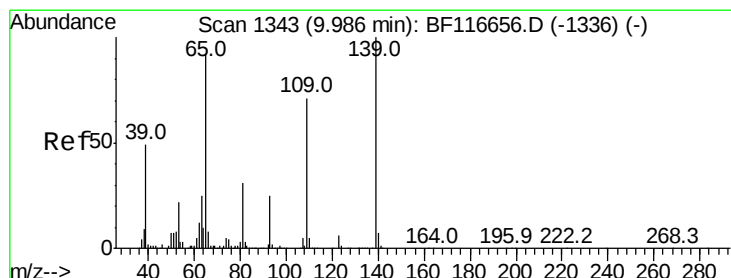
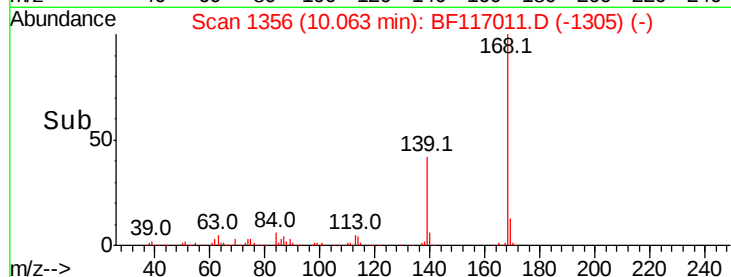
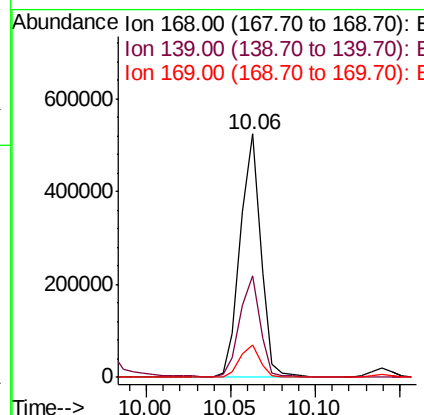
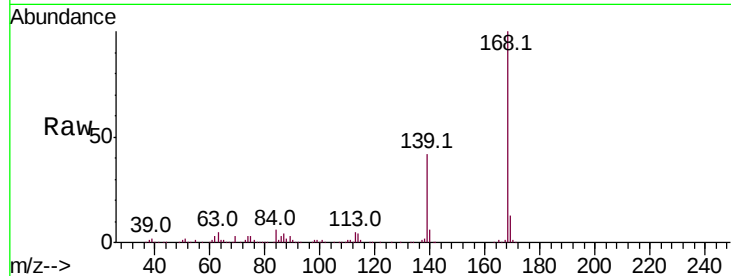




#55
Dibenzofuran
Concen: 48.617 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

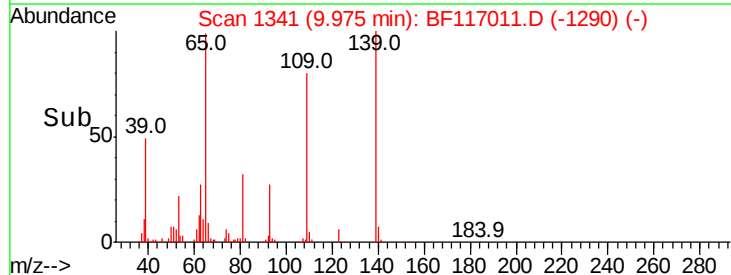
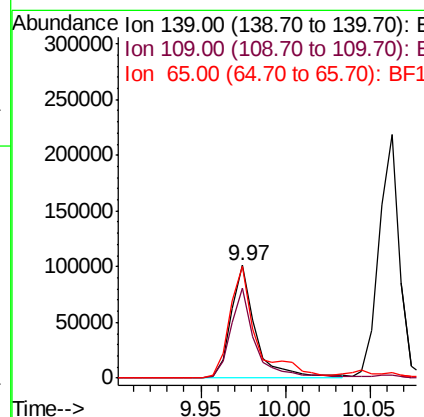
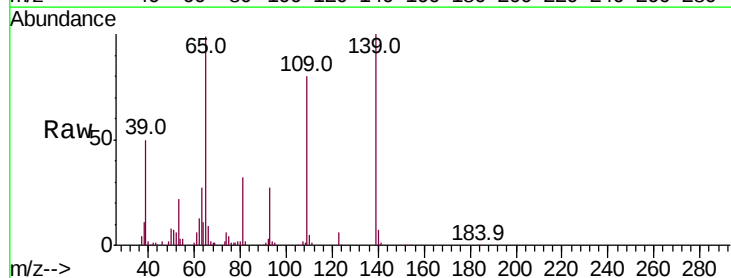
Instrument :
BNA_F
ClientSampleId :

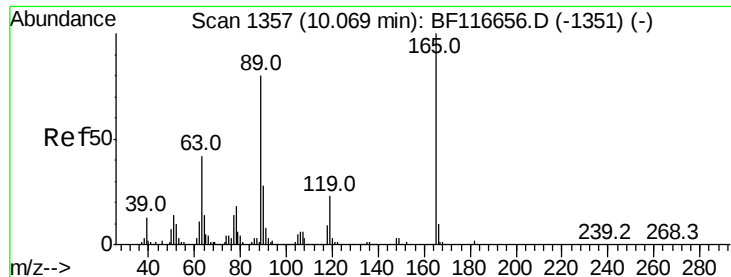
Tot Ion:168 Resp: 444696
Ion Ratio Lower Upper
168 100
139 41.6 34.2 51.4
169 13.2 11.0 16.4



#56
4-Nitrophenol
Concen: 78.432 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion:139 Resp: 103192
Ion Ratio Lower Upper
139 100
109 79.6 54.0 94.0
65 99.4 74.0 114.0

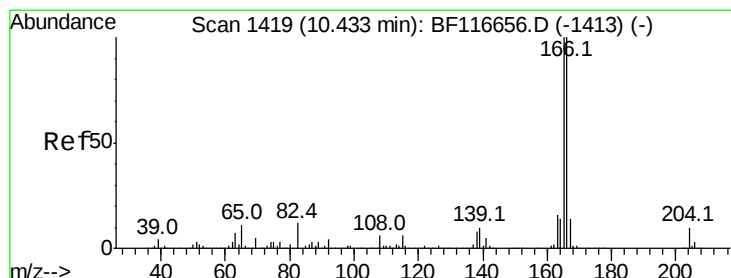
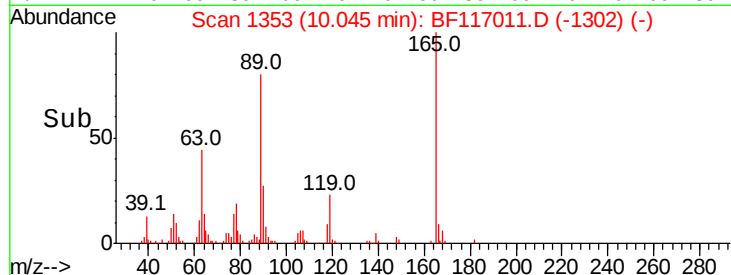
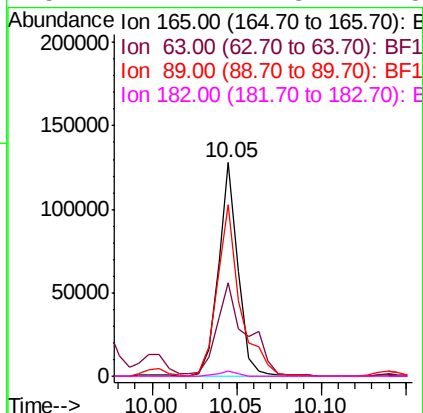
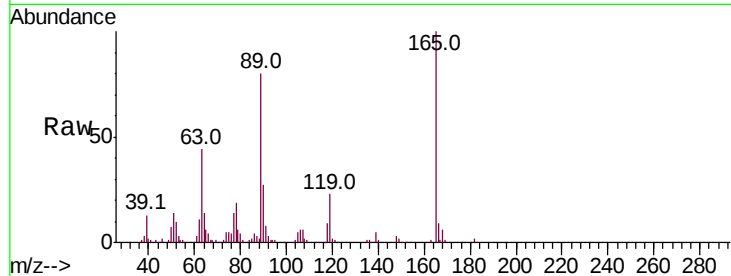




#57
2,4-Dinitrotoluene
Concen: 55.873 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

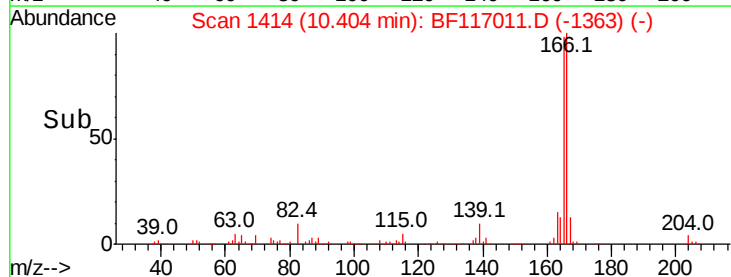
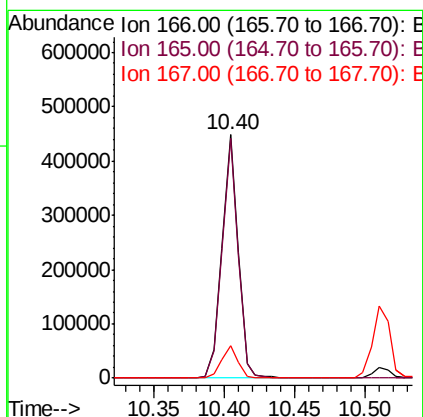
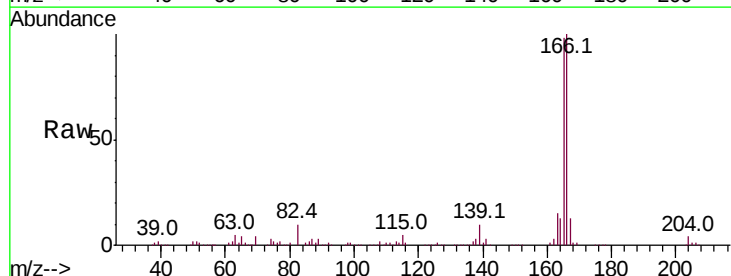
Instrument :
BNA_F
ClientSampleId :

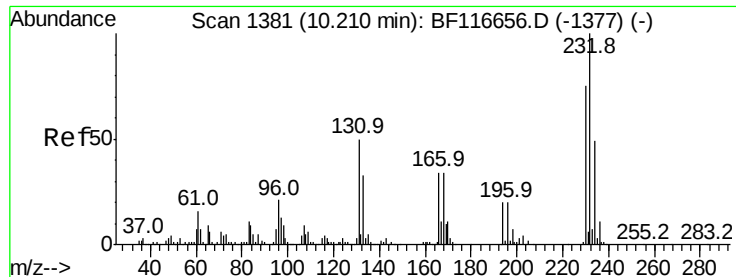
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.9	36.2	54.2
89	80.4	66.1	99.1
182	2.2	1.8	2.8



#58
Fluorene
Concen: 51.635 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.0	115.6
167	13.3	10.7	16.1



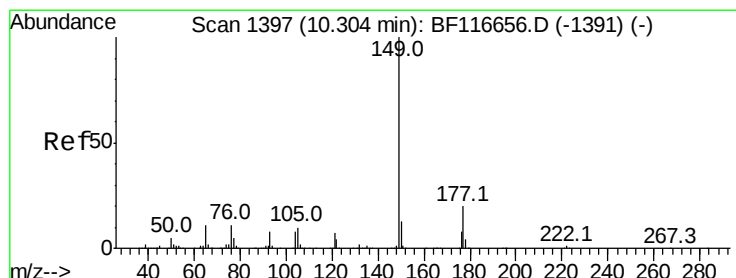
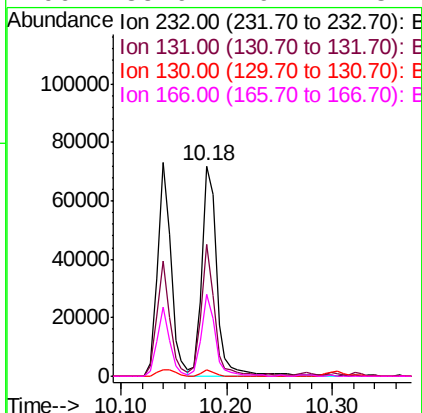
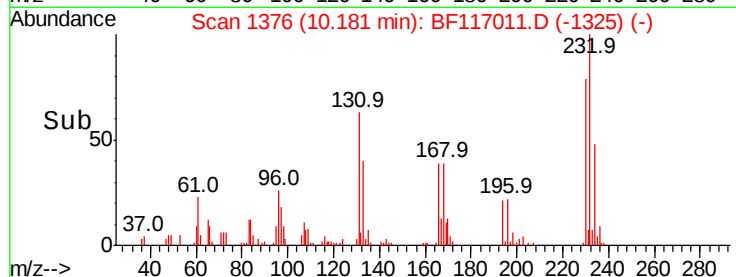
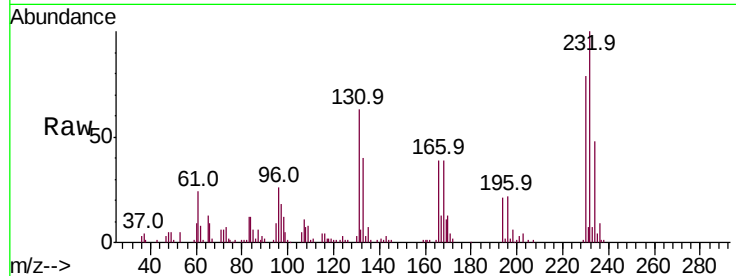


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.028 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117011.D
 Acq: 13 Sep 2019 00:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 71598

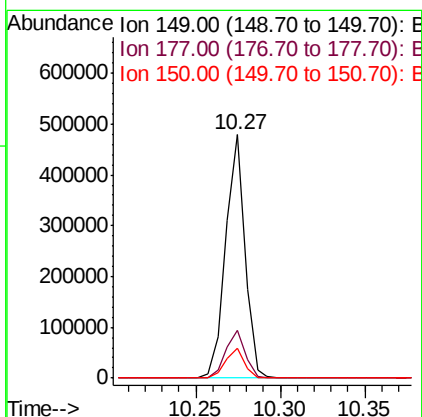
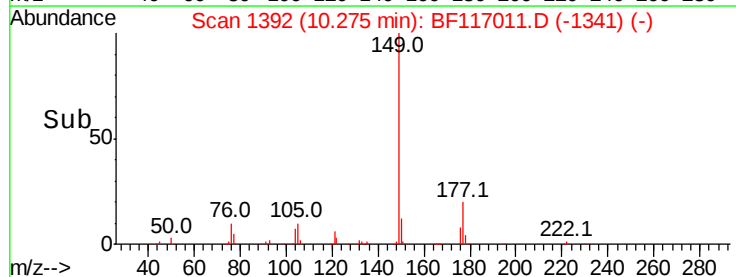
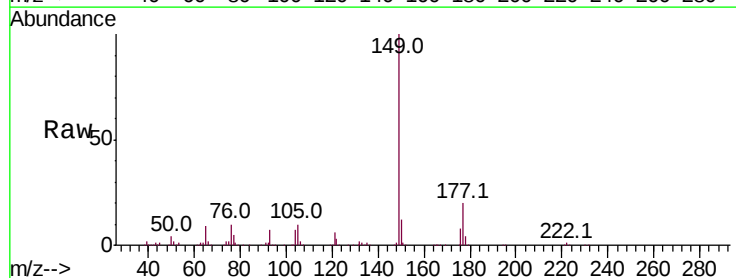
Ion	Ratio	Lower	Upper
232	100		
131	54.0	46.1	69.1
130	2.5	2.2	3.4
166	35.6	29.1	43.7

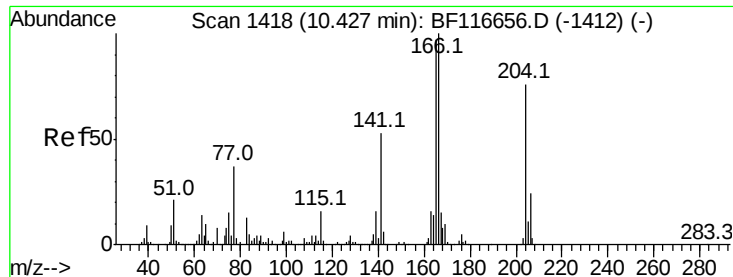


#60
 Diethylphthalate
 Concen: 47.358 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF117011.D
 Acq: 13 Sep 2019 00:44

Tgt Ion:149 Resp: 380698

Ion	Ratio	Lower	Upper
149	100		
177	19.5	15.9	23.9
150	12.2	10.0	15.0

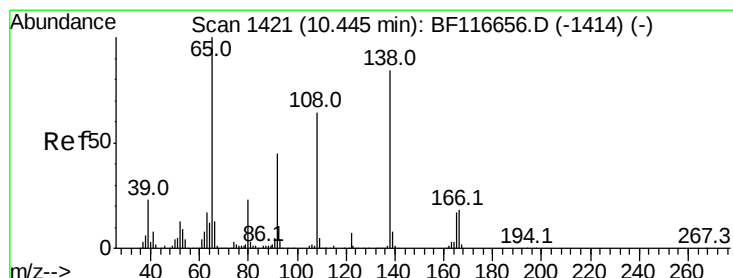
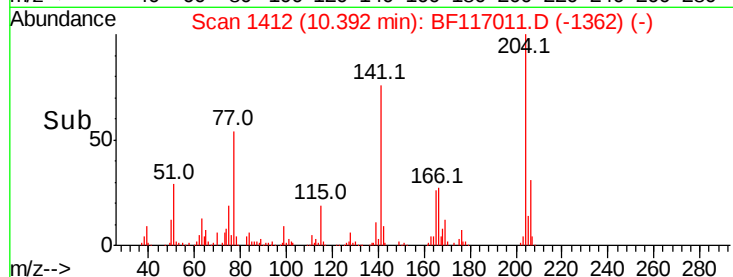
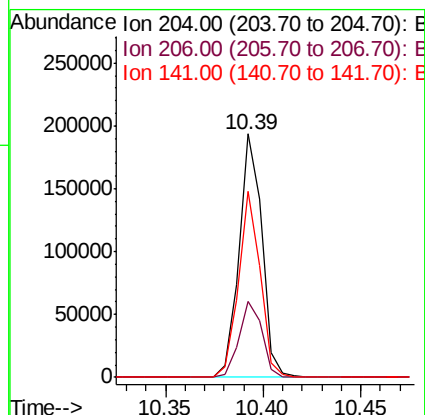
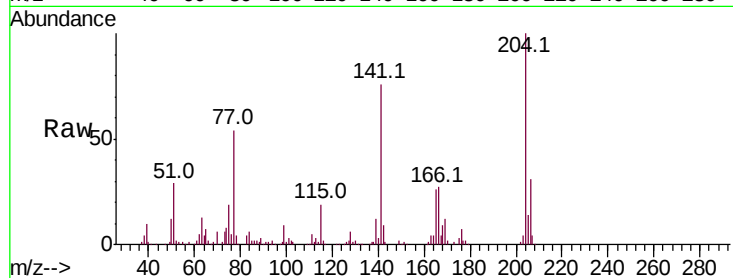




#61
4-Chlorophenyl-phenylether
Concen: 51.235 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

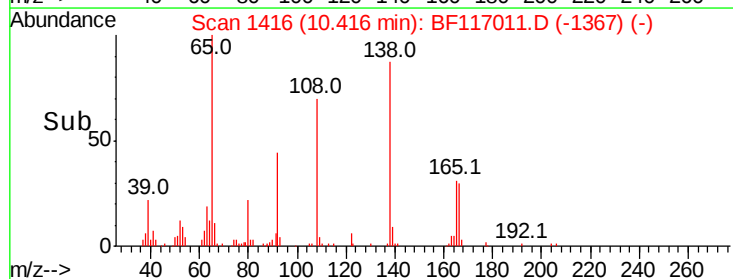
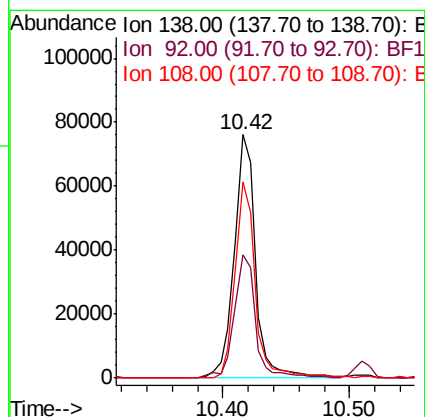
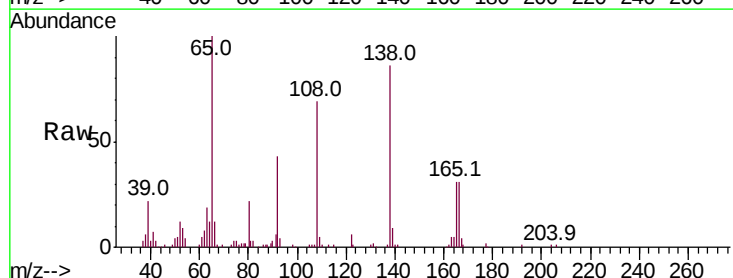
Instrument :
BNA_F
ClientSampleId :

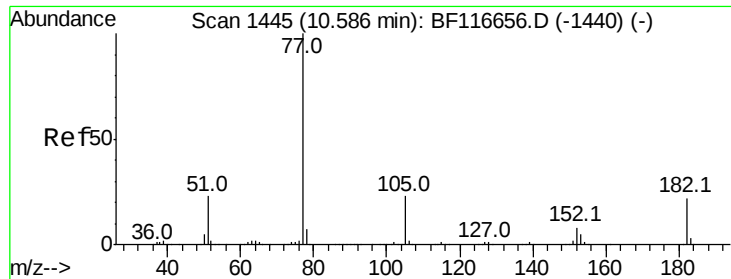
Tot Ion:204 Resp: 156371
Ion Ratio Lower Upper
204 100
206 31.4 26.2 39.2
141 76.2 58.0 87.0



#62
4-Nitroaniline
Concen: 47.375 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion:138 Resp: 88219
Ion Ratio Lower Upper
138 100
92 50.6 31.0 71.0
108 80.4 59.1 99.1

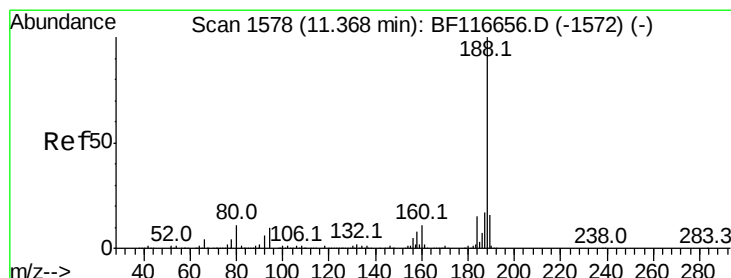
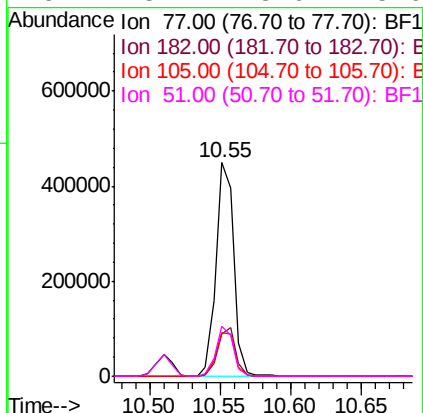
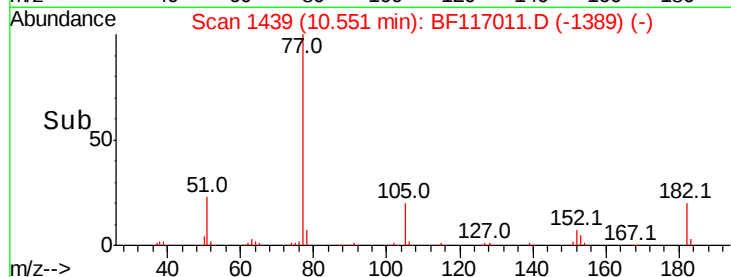
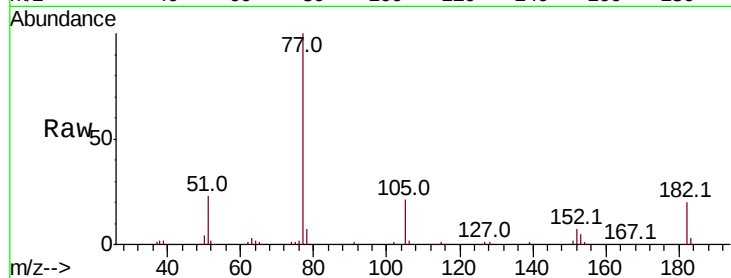




#63
Azobenzene
Concen: 46.818 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

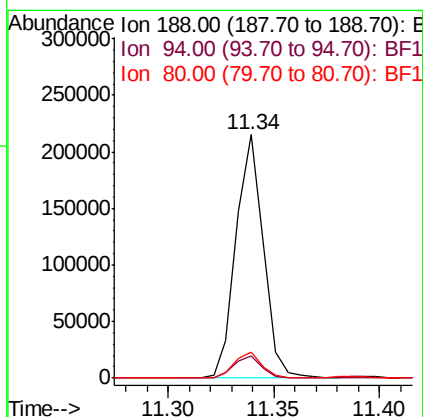
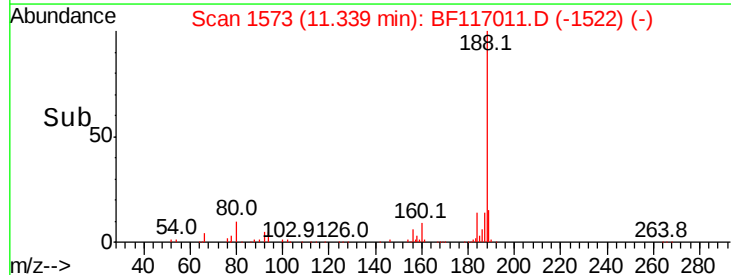
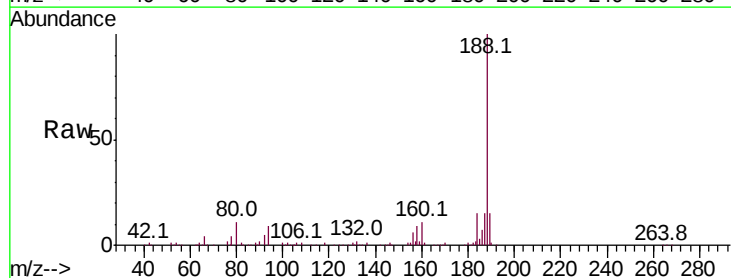
Instrument :
BNA_F
ClientSampleId :

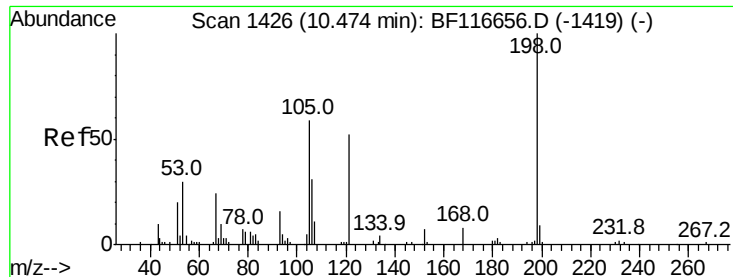
Tot Ion:	77	Resp:	392436
Ion	Ratio	Lower	Upper
77	100		
182	19.8	1.9	41.9
105	20.5	1.5	41.5
51	23.2	3.6	43.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion:	188	Resp:	192665
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	10.8	8.5	12.7





#65

4,6-Dinitro-2-methylphenol

Concen: 18.424 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :

BNA_F

ClientSampled :

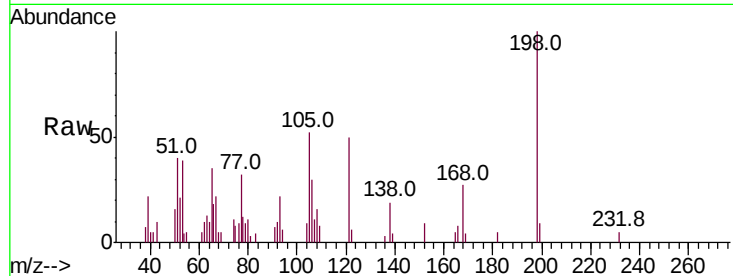
Tot Ion:198 Resp: 9217

Ion Ratio Lower Upper

198 100

51 40.1 26.3 66.3

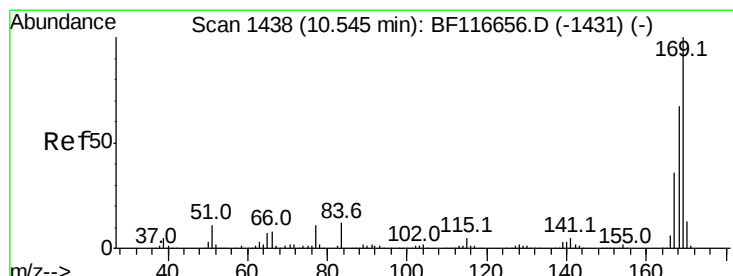
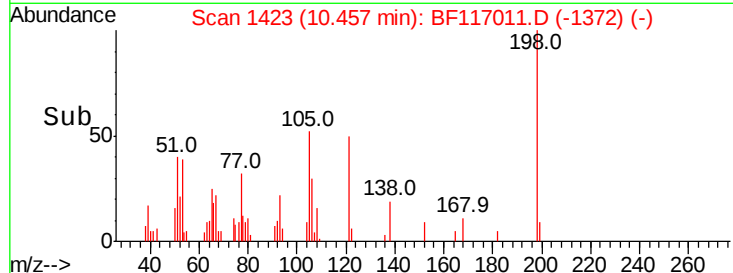
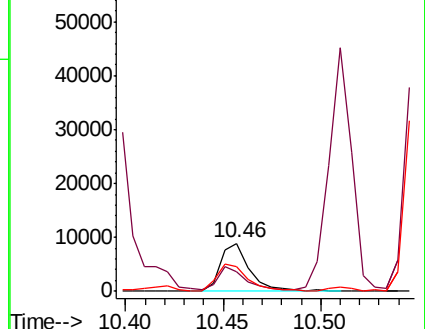
105 52.4 40.0 80.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.120 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

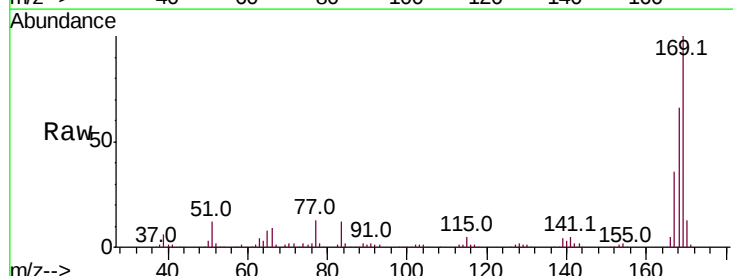
Tgt Ion:169 Resp: 320716

Ion Ratio Lower Upper

169 100

168 66.0 53.5 80.3

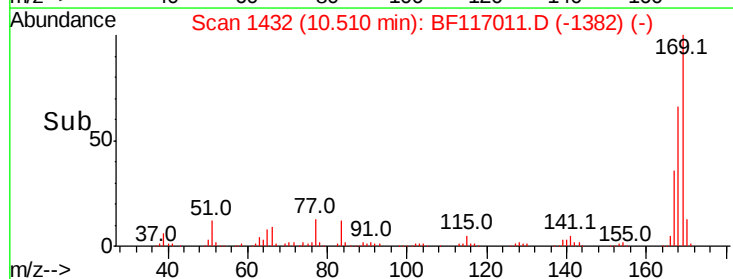
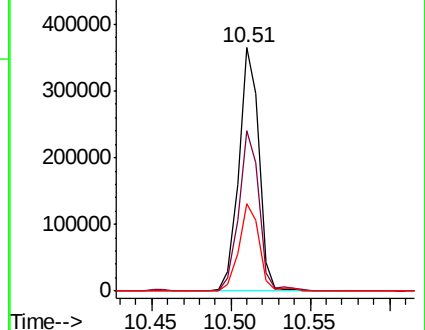
167 36.2 28.7 43.1

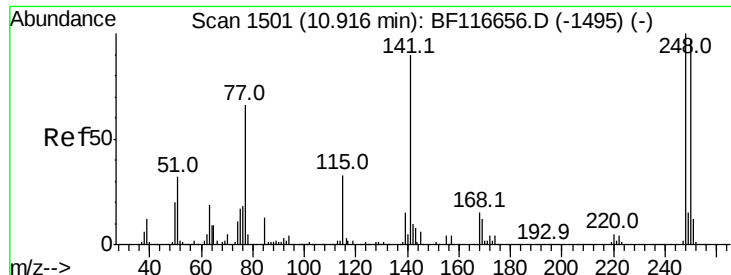


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

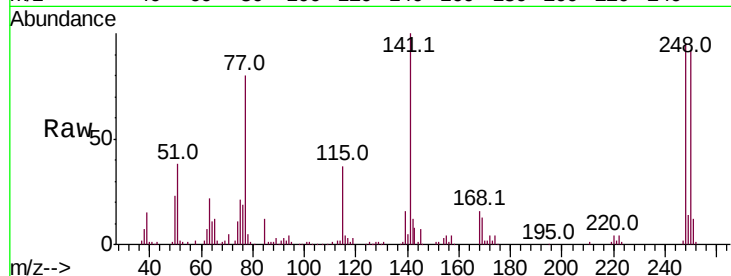




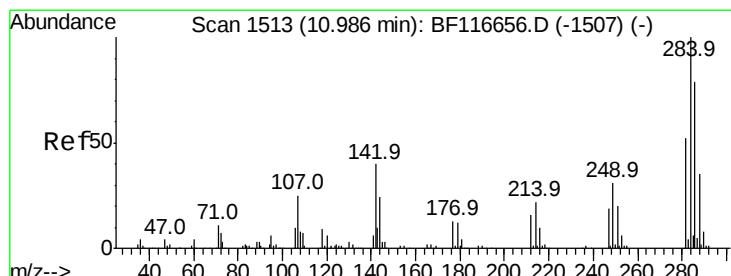
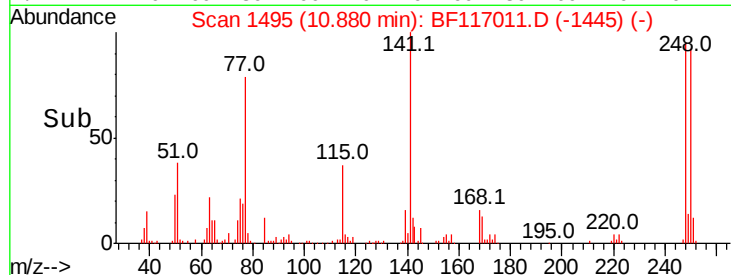
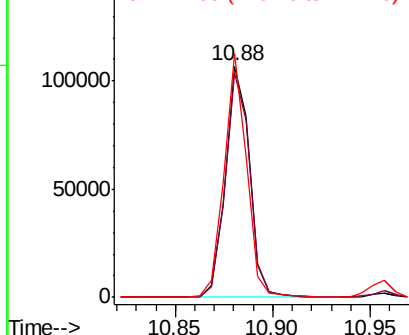
#67
4-Bromophenyl-phenylether
Concen: 46.571 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 91149
Ion Ratio Lower Upper
248 100
250 96.9 77.0 115.4
141 105.4 70.2 105.2#

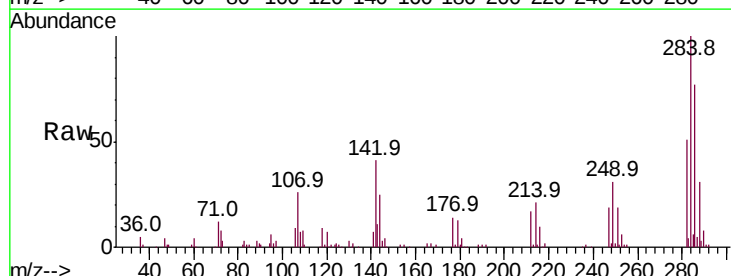


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

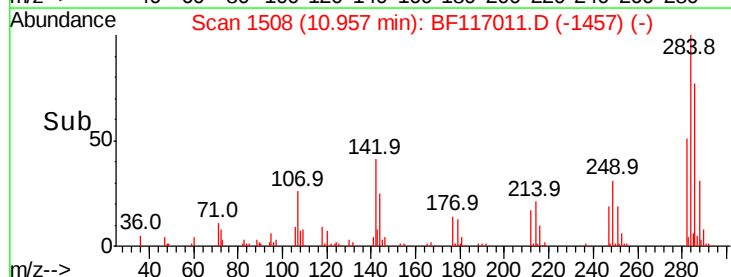
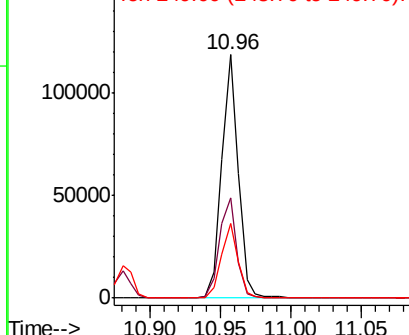


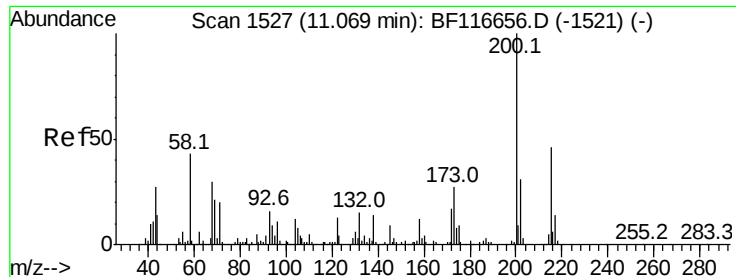
#68
Hexachlorobenzene
Concen: 47.355 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion:284 Resp: 96972
Ion Ratio Lower Upper
284 100
142 41.3 37.2 55.8
249 30.6 25.9 38.9



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

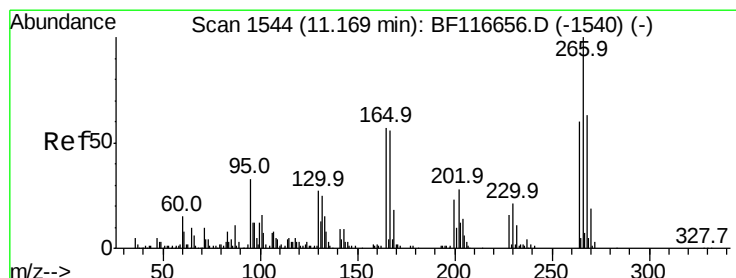
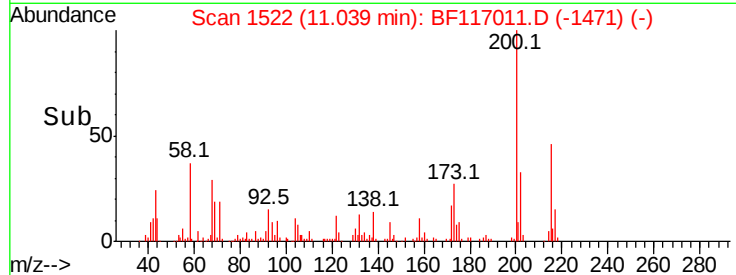
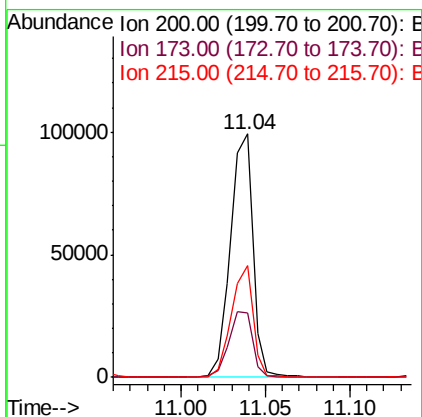
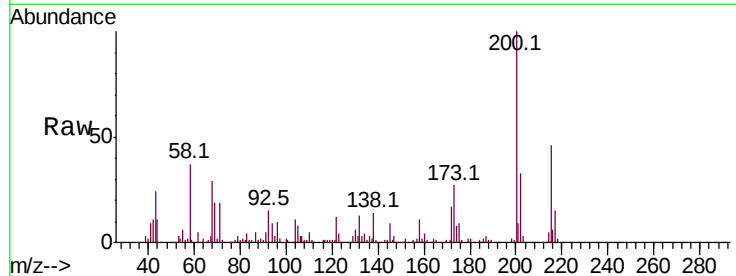




#69
Atrazine
Concen: 49.237 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

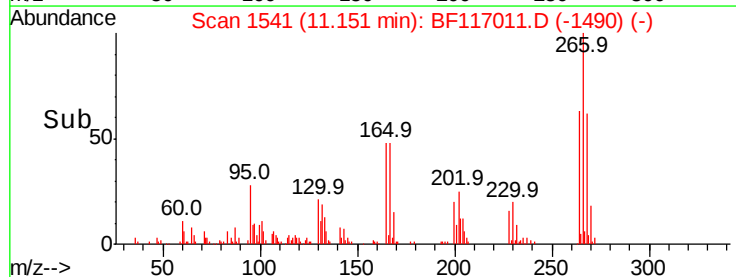
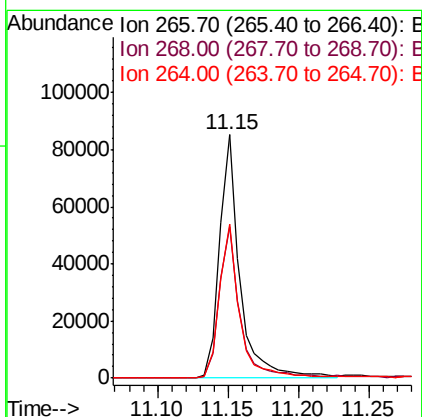
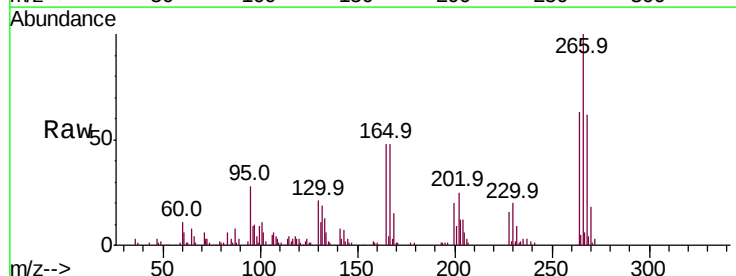
Instrument :
BNA_F
ClientSampleId :

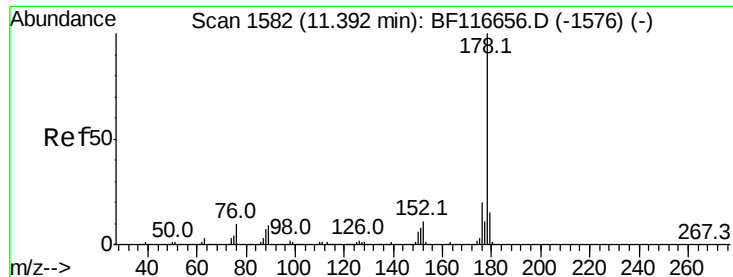
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.0	47.0
215	45.8	22.9	62.9



#70
Pentachlorophenol
Concen: 86.959 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	51.4	77.2
264	63.3	52.1	78.1

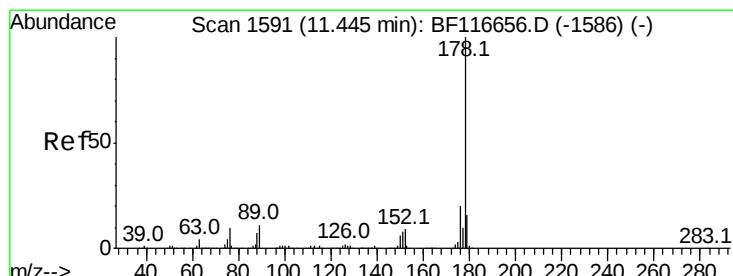
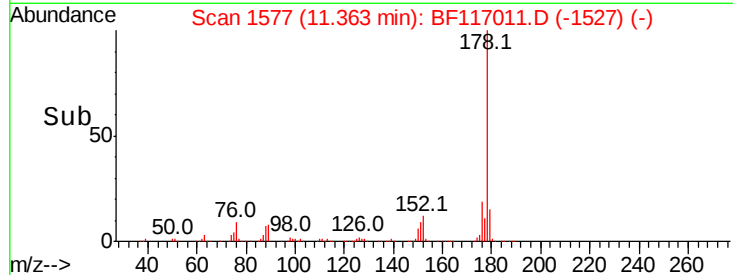
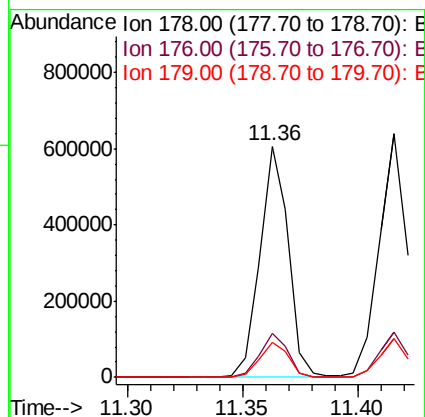
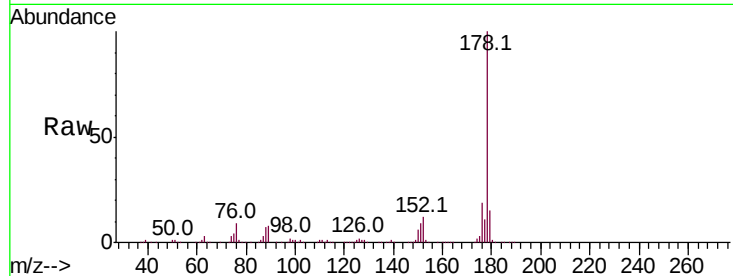




#71
Phenanthrene
Concen: 48.587 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

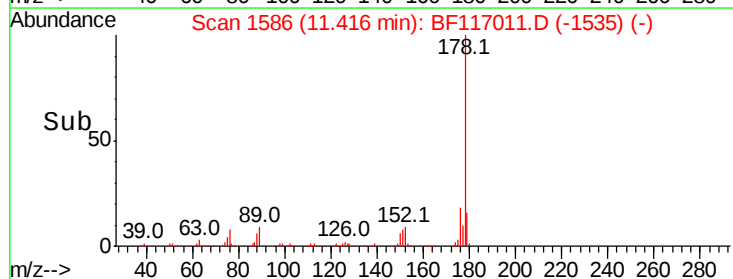
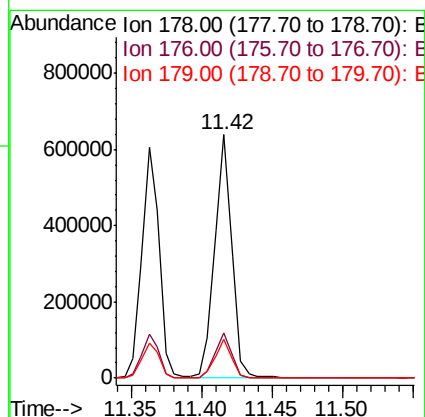
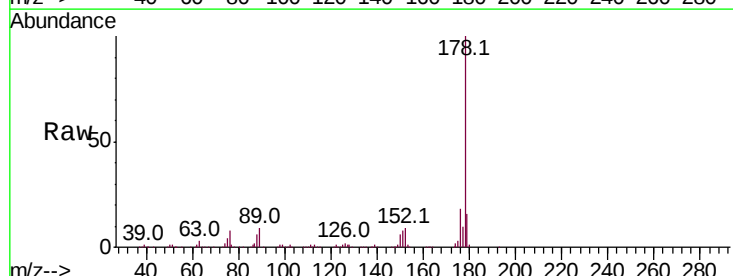
Instrument :
BNA_F
ClientSampleId :

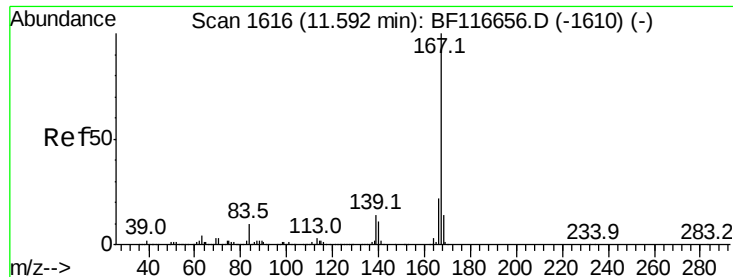
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.4	12.0	18.0



#72
Anthracene
Concen: 50.204 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.8	12.3	18.5

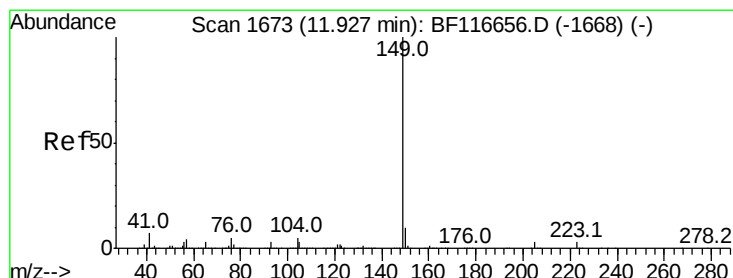
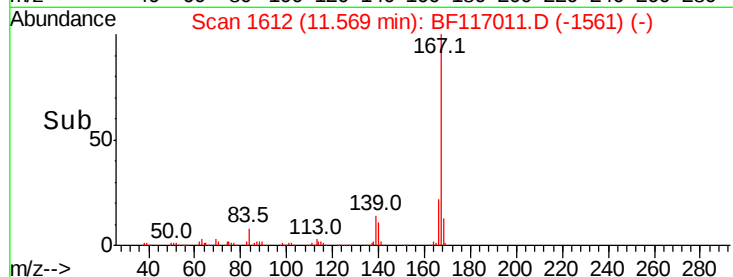
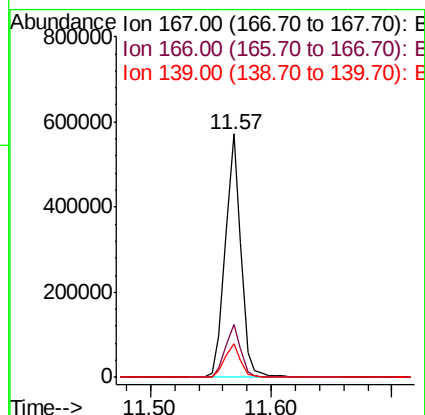
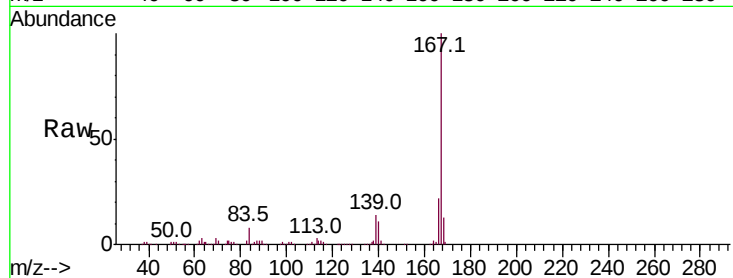




#73
 Carbazole
 Concen: 49.659 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117011.D
 Acq: 13 Sep 2019 00:44

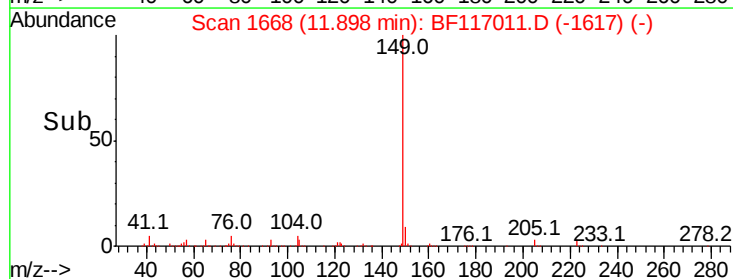
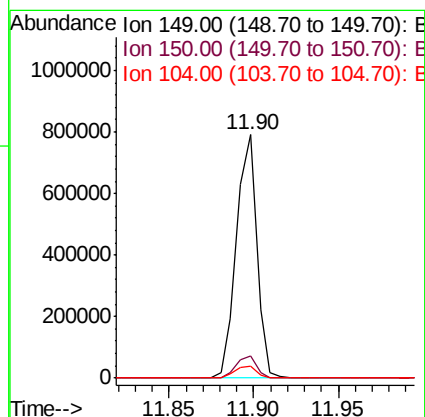
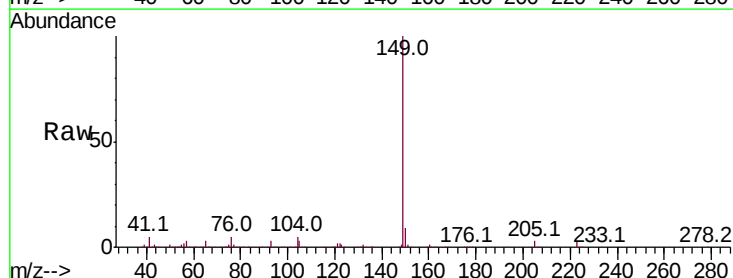
Instrument :
 BNA_F
 ClientSampleId :

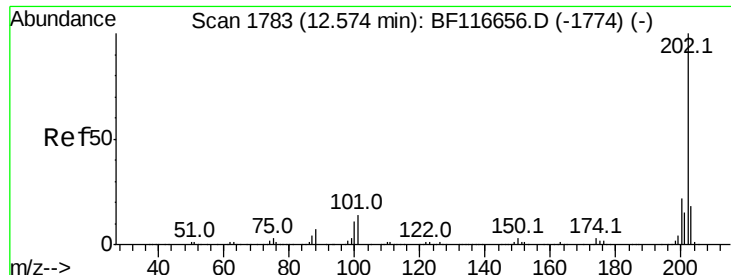
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	14.0	11.4	17.2



#74
 Di-n-butylphthalate
 Concen: 50.475 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BF117011.D
 Acq: 13 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.9	4.3	6.5

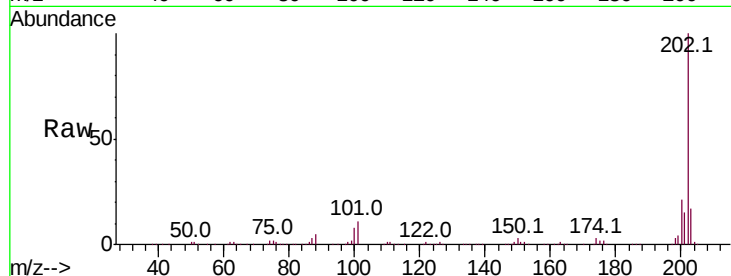




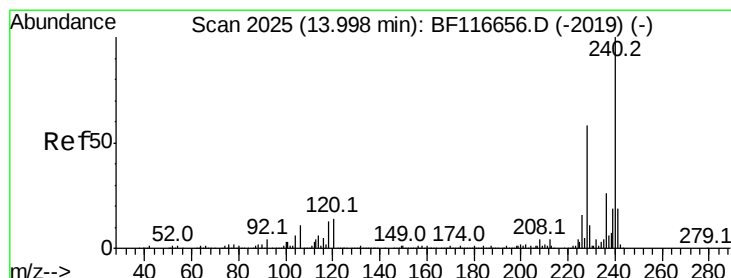
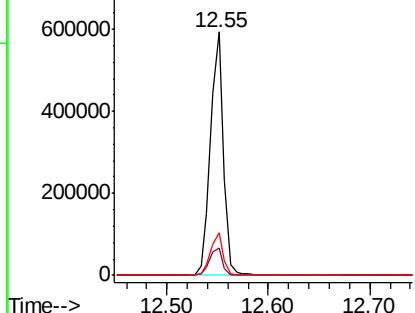
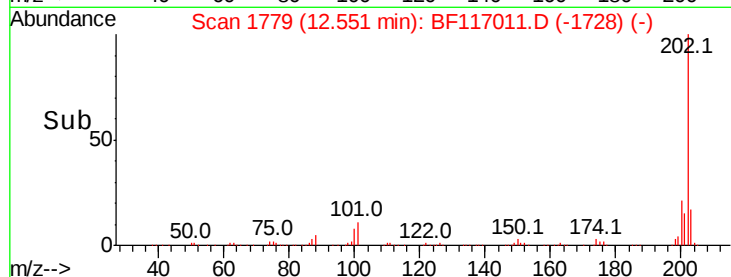
#75
 Fluoranthene
 Concen: 50.127 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BF117011.D
 Acq: 13 Sep 2019 00:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.0
203	17.5	0.0	37.5

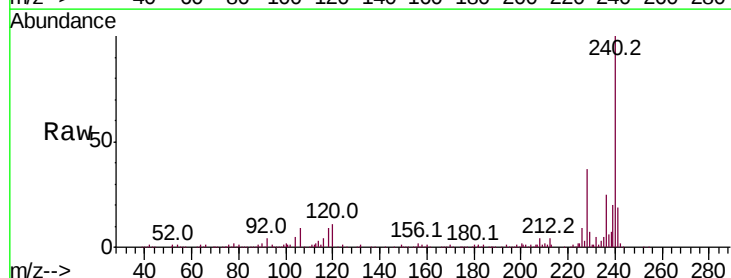


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

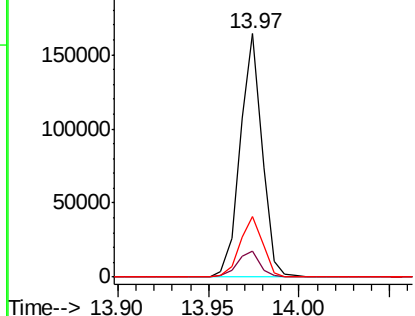
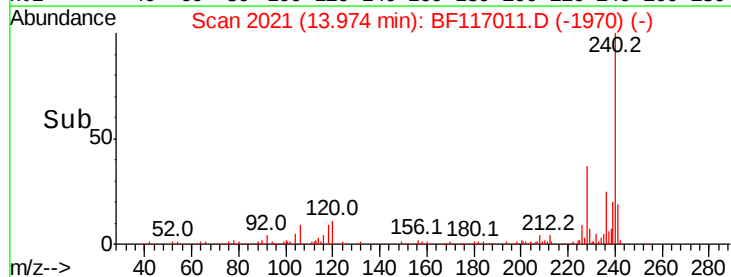


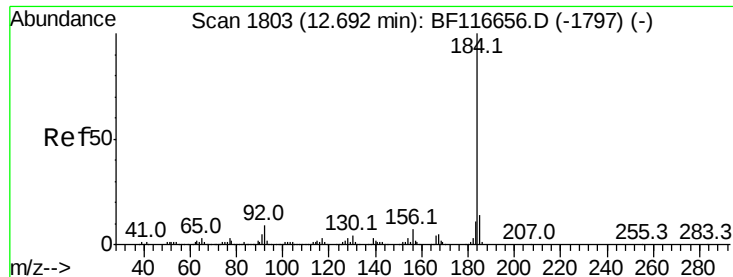
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF117011.D
 Acq: 13 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.1	13.7
236	24.9	20.9	31.3



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: 43.302 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

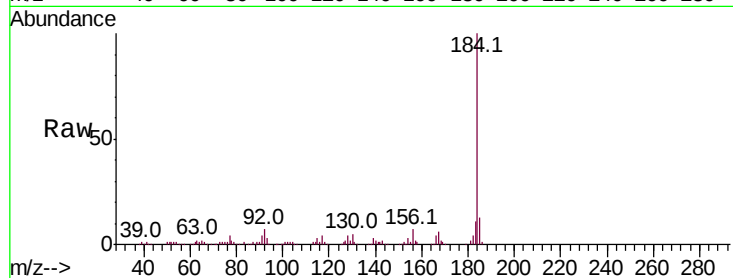
Tot Ion:184 Resp: 234013

Ion Ratio Lower Upper

184 100

185 13.4 12.0 18.0

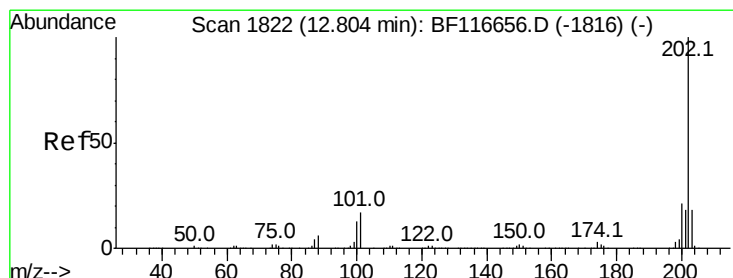
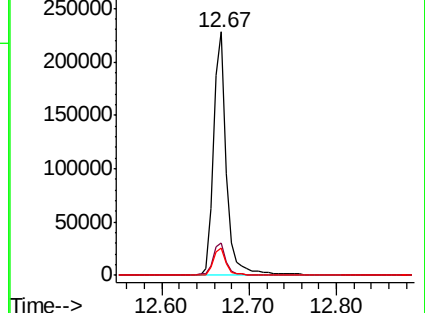
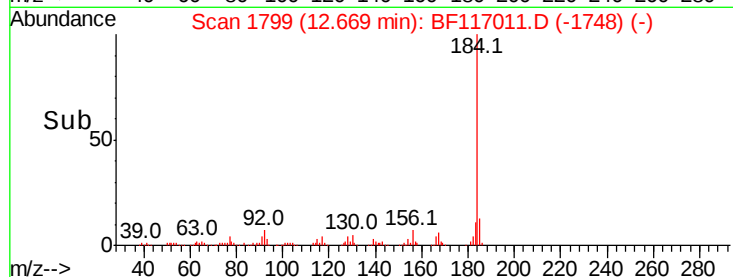
183 11.5 9.2 13.8



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: 42.800 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

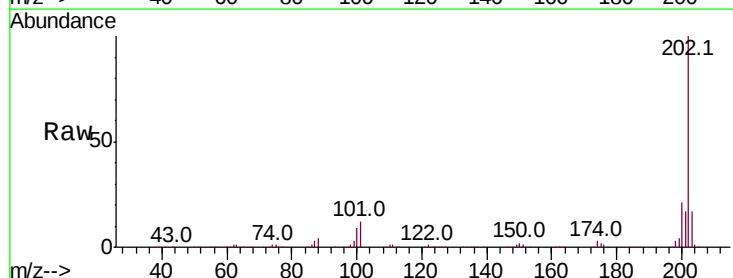
Tgt Ion:202 Resp: 524222

Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

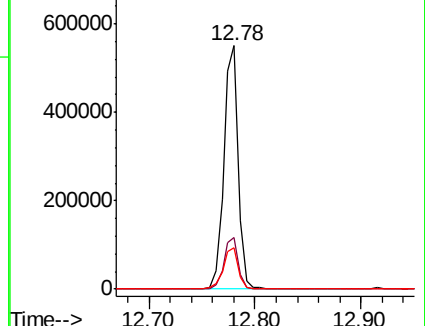
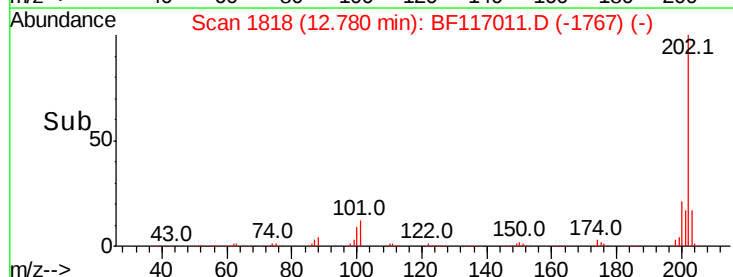
203 17.2 14.2 21.2

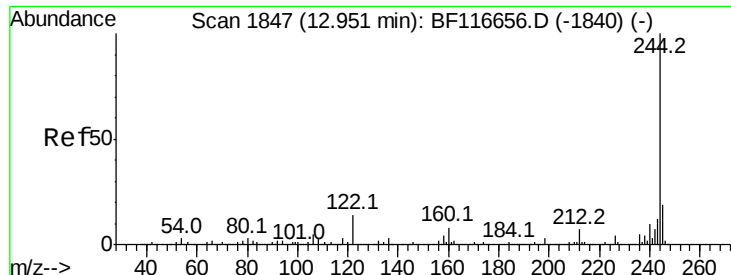


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.674 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

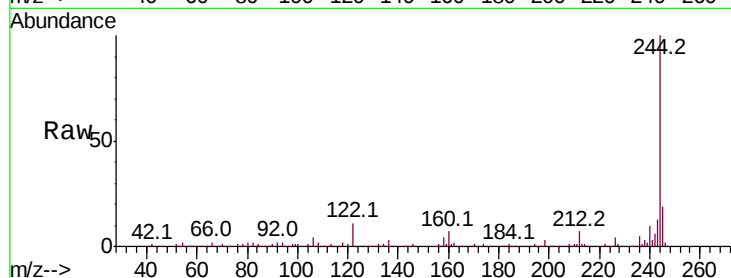
Tot Ion:244 Resp: 697691

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

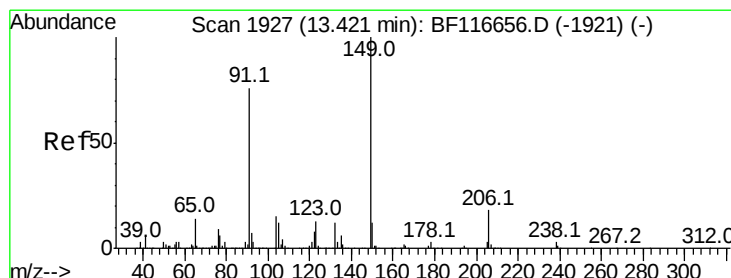
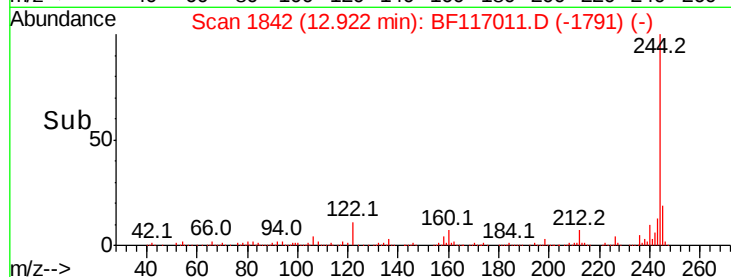
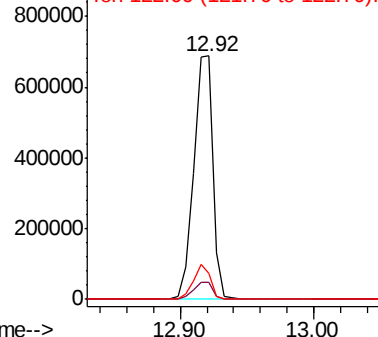
122 10.8 11.5 17.3#



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: 46.623 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

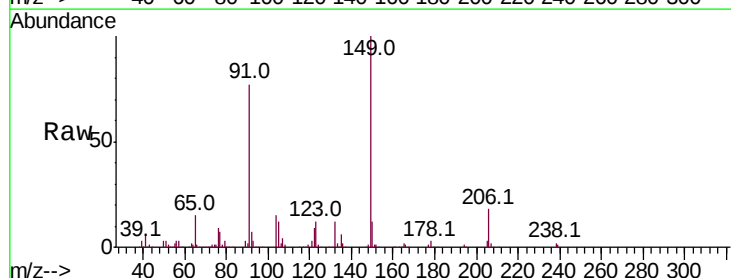
Tgt Ion:149 Resp: 277702

Ion Ratio Lower Upper

149 100

91 76.6 55.8 83.8

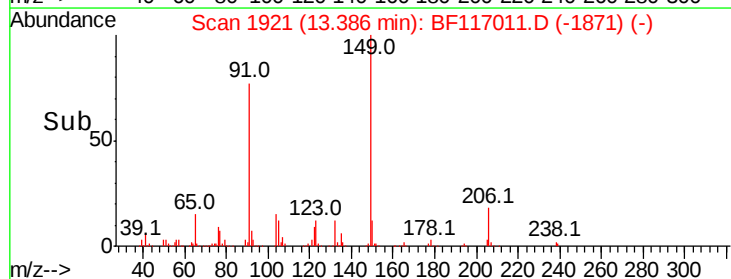
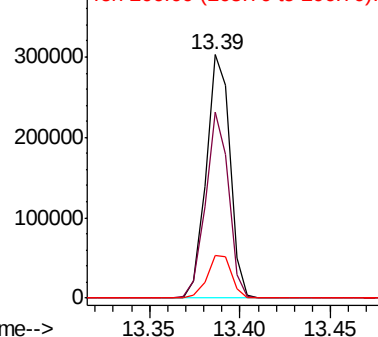
206 17.6 15.0 22.6

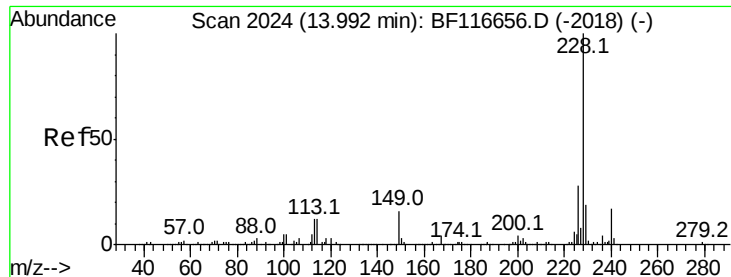


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.049 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

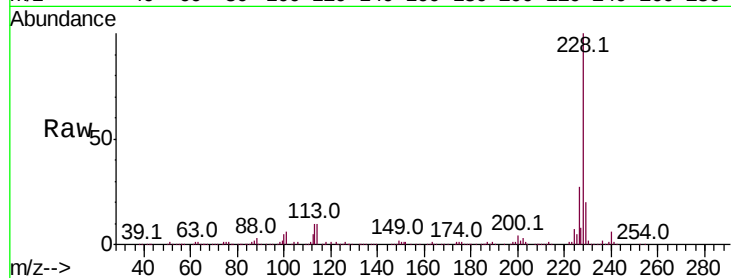
Tot Ion:228 Resp: 427729

Ion Ratio Lower Upper

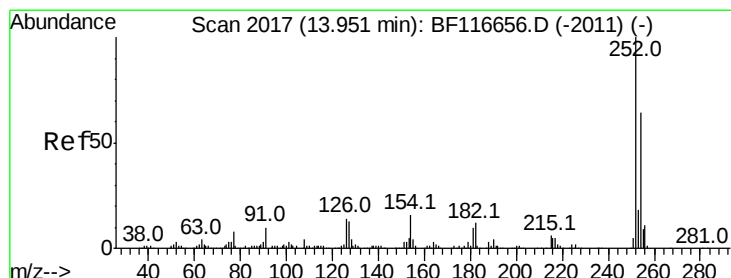
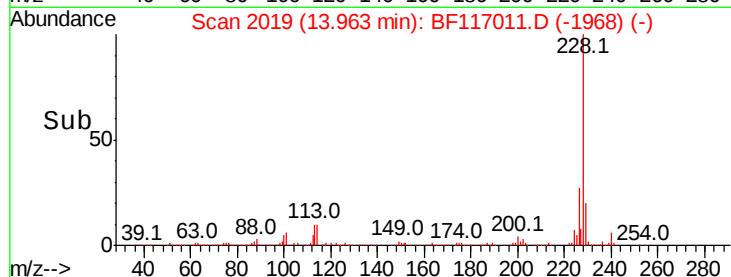
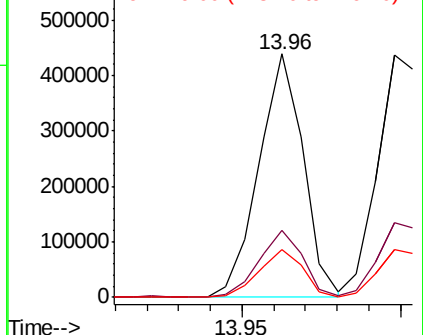
228 100

226 27.3 22.3 33.5

229 19.7 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.478 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

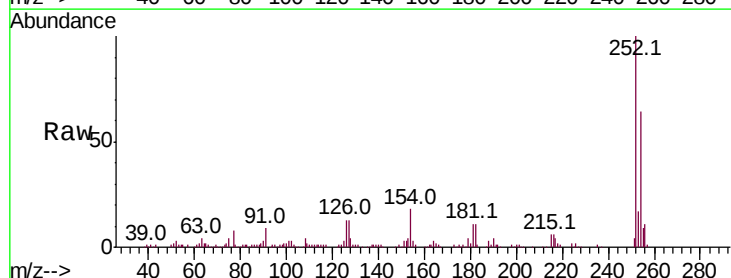
Tgt Ion:252 Resp: 116341

Ion Ratio Lower Upper

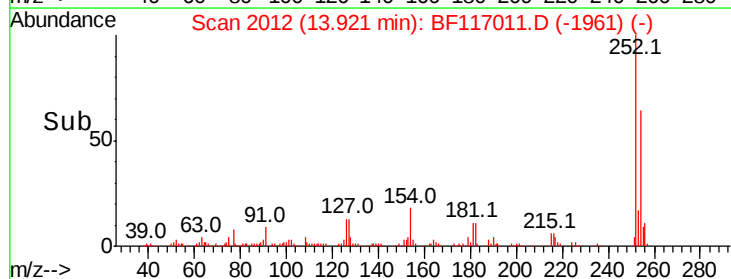
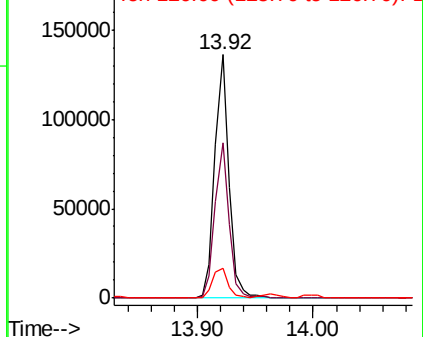
252 100

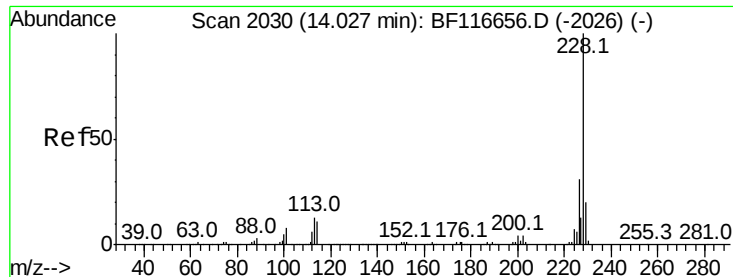
254 63.8 51.8 77.8

126 12.5 10.9 16.3



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: 46.692 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :

BNA_F

ClientSampled :

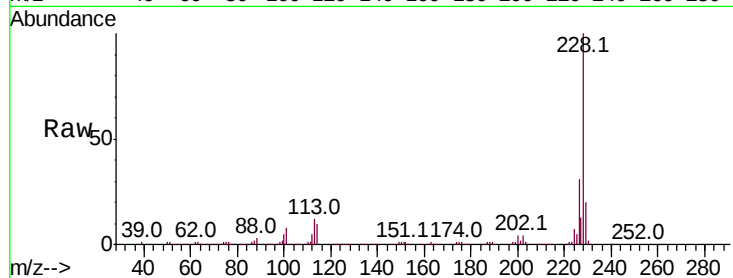
Tot Ion:228 Resp: 419485

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

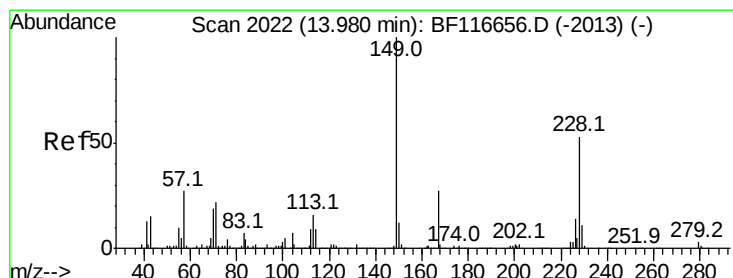
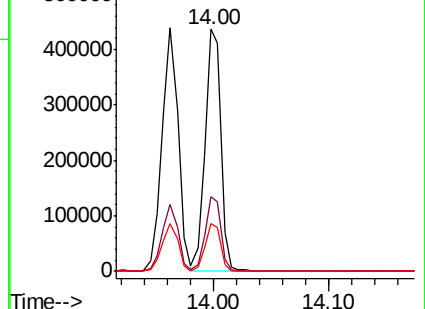
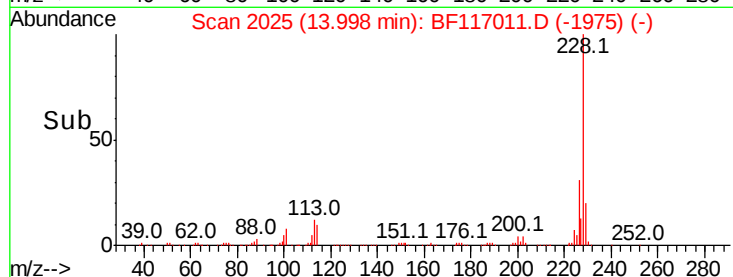
229 19.9 15.7 23.5



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: 53.316 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

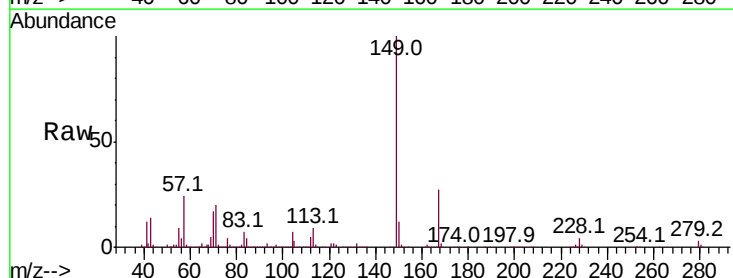
Tgt Ion:149 Resp: 392005

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

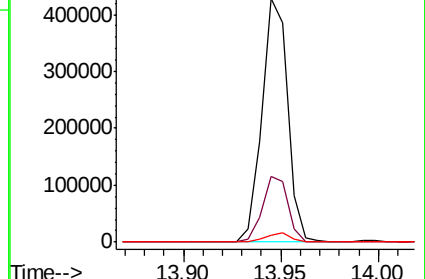
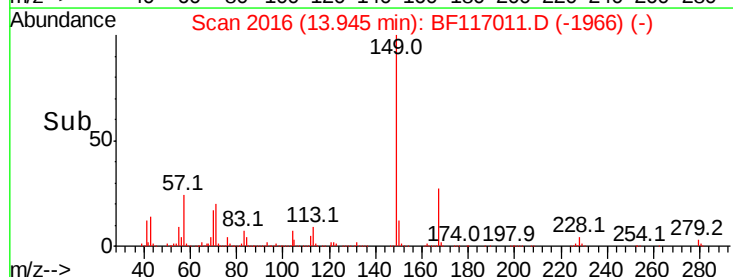
279 2.9 2.6 3.8

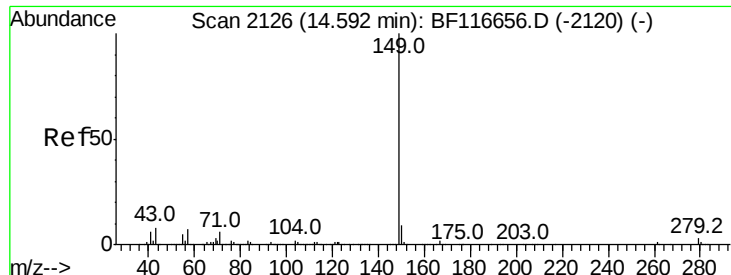


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.985 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

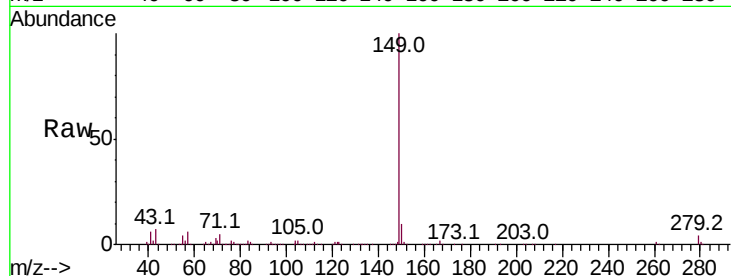
Tot Ion:149 Resp: 637526

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

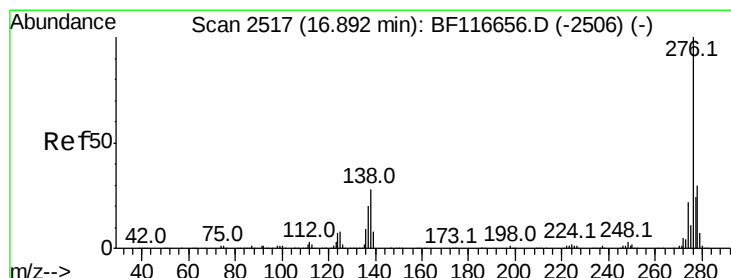
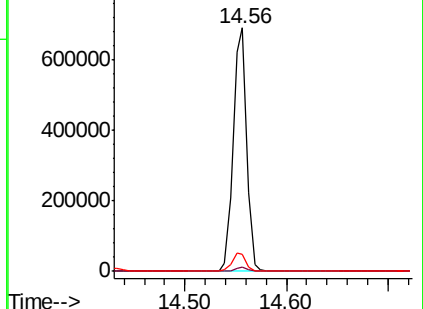
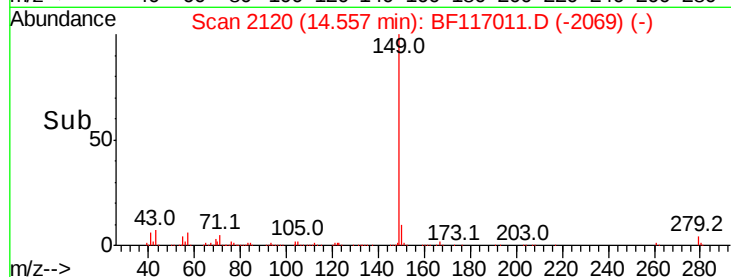
43 7.4 6.2 9.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.835 ng

RT: 16.86 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BF117011.D

Acq: 13 Sep 2019 00:44

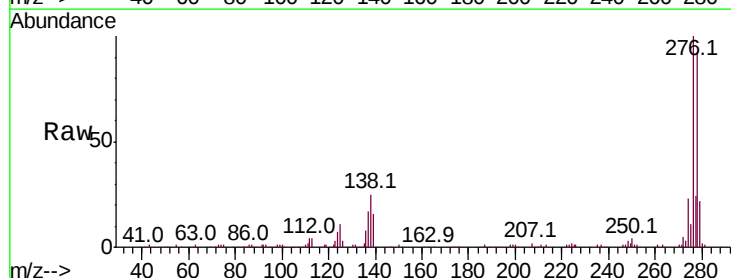
Tgt Ion:276 Resp: 309110

Ion Ratio Lower Upper

276 100

138 25.6 20.6 31.0

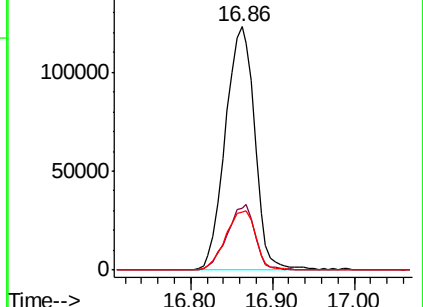
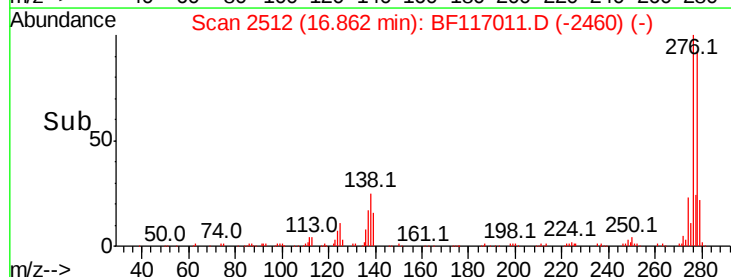
277 25.0 19.9 29.9

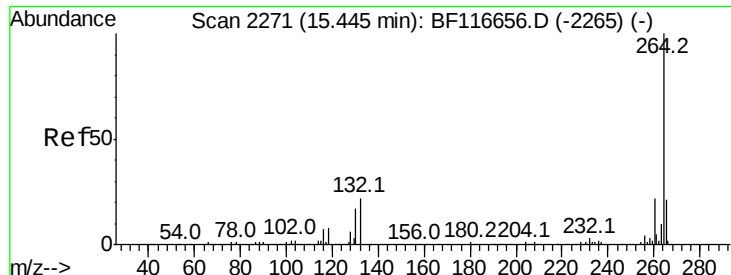


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

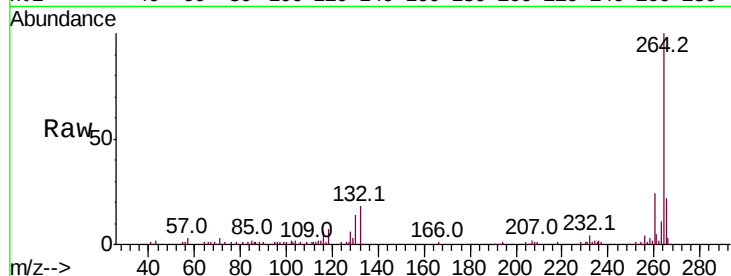




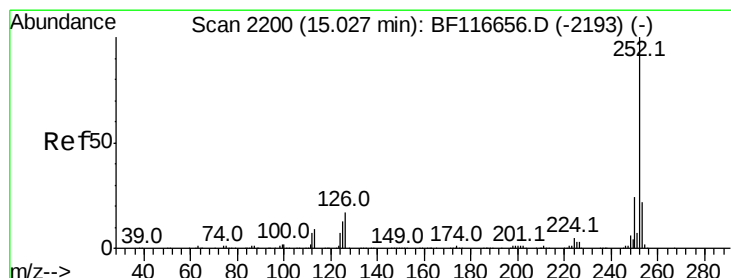
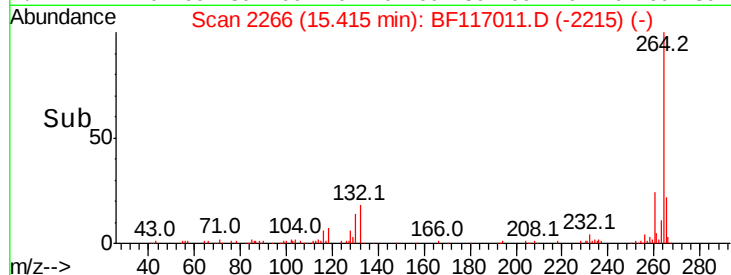
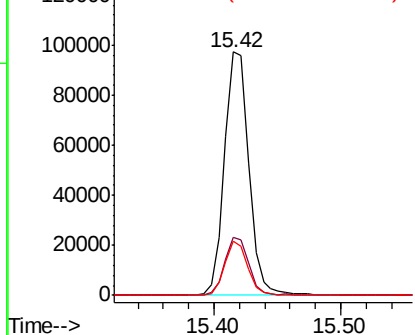
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BF117011.D
 Acq: 13 Sep 2019 00:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 129910
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 22.1 17.9 26.9

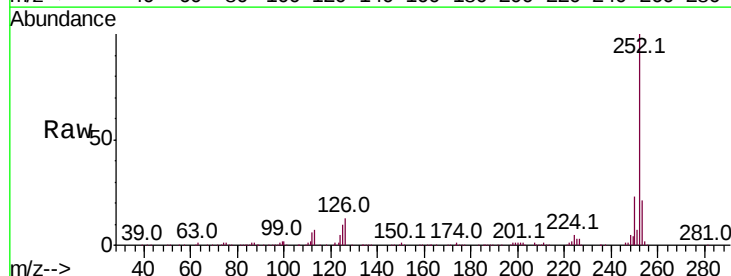


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

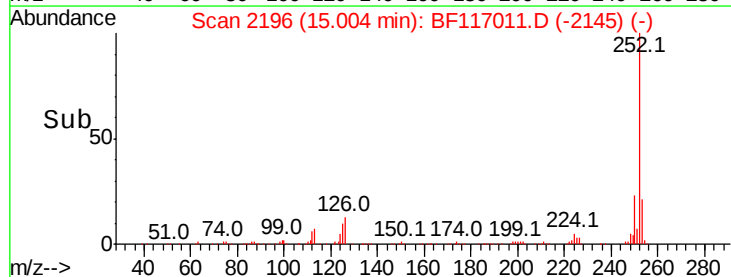
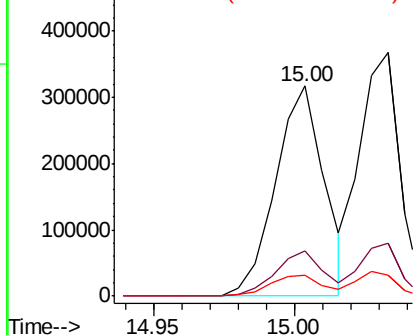


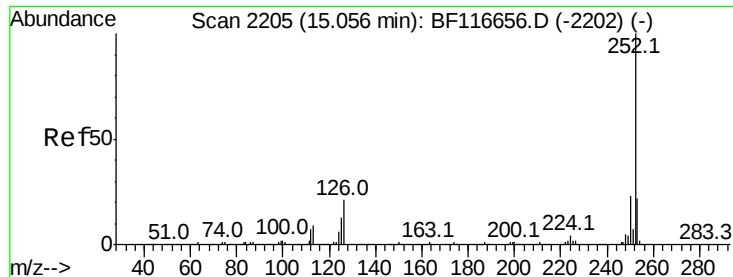
#88
 Benzo(b)fluoranthene
 Concen: 48.263 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF117011.D
 Acq: 13 Sep 2019 00:44

Tgt Ion:252 Resp: 379068
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.5 26.3
 125 9.7 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

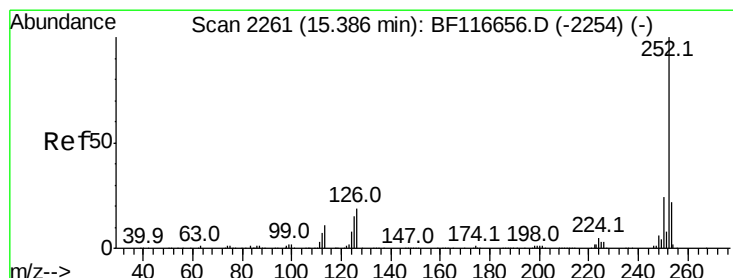
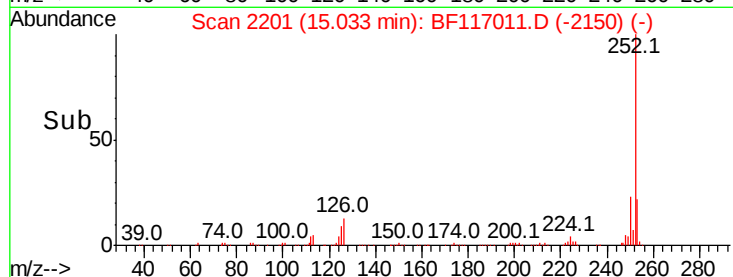
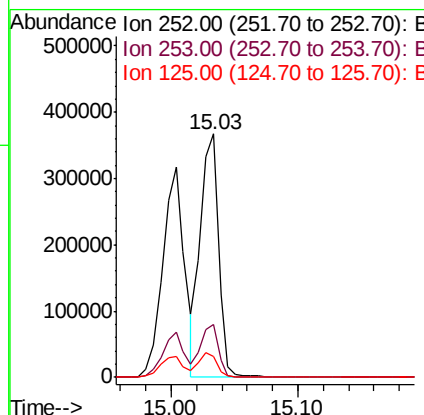
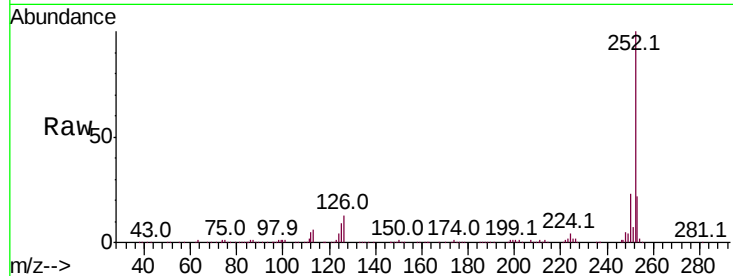




#89
Benzo(k)fluoranthene
Concen: 50.795 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

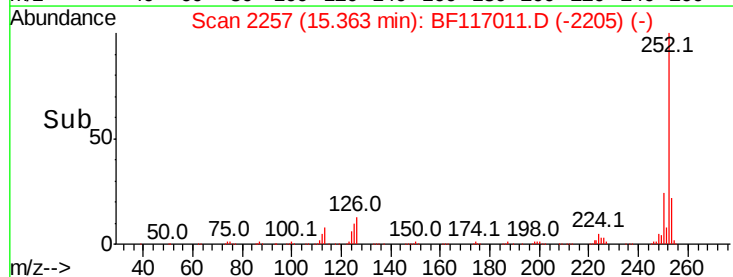
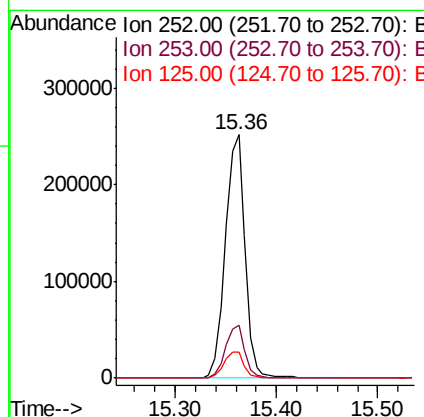
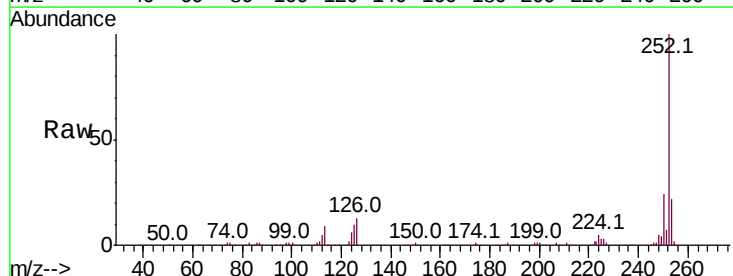
Instrument :
BNA_F
ClientSampleId :

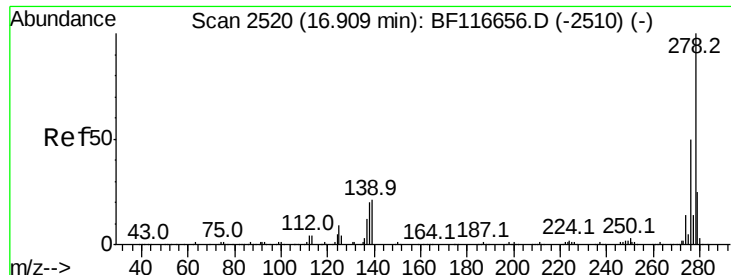
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.8	25.2
125	8.8	7.6	11.4



#90
Benzo(a)pyrene
Concen: 49.599 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.01 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.4	10.2	15.2

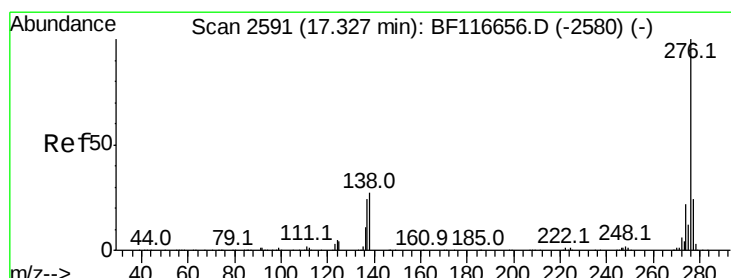
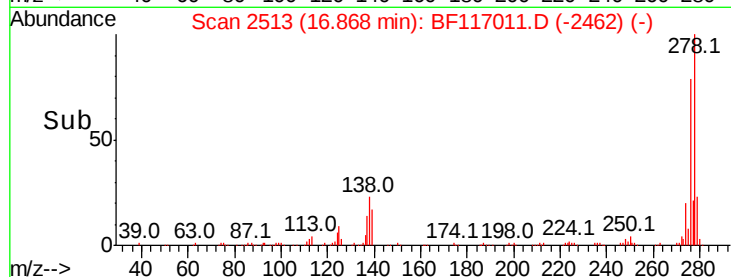
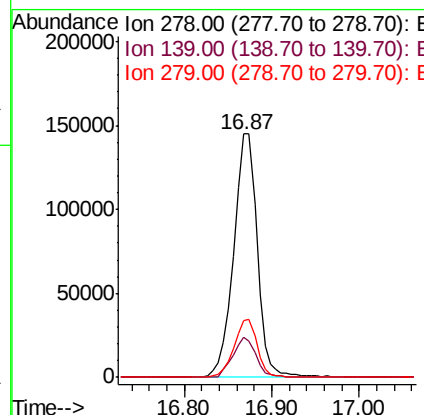
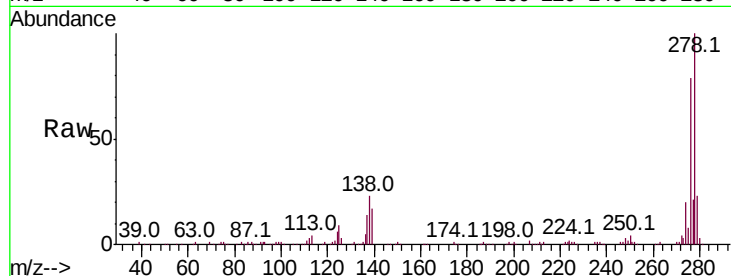




#91
Dibenzo(a,h)anthracene
Concen: 44.201 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.1	19.7
279	23.3	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 39.164 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF117011.D
Acq: 13 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.0	28.6
138	24.0	18.7	28.1

