

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
 Data File : BF116836.D
 Acq On : 5 Sep 2019 14:28
 Operator : HP/JU
 Sample : K4679-08MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 03:53:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	87477	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	355498	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	185495	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	300963	20.00	ng	0.00
76) Chrysene-d12	14.00	240	219176	20.00	ng	0.00
87) Perylene-d12	15.46	264	211849	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	428847	79.42	ng	0.00
7) Phenol-d6	6.48	99	594417	83.84	ng	0.00
23) Nitrobenzene-d5	7.41	82	356703	57.28	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	125556	101.25	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	629718	57.27	ng	0.00
79) Terphenyl-d14	12.94	244	571654	48.25	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.59	88	58741	23.566	ng	95
3) Pyridine	3.35	79	153528	21.273	ng	94
4) n-Nitrosodimethylamine	3.27	42	65232	26.322	ng	87
6) Aniline	6.50	93	221579	22.563	ng	94
8) 2-Chlorophenol	6.63	128	194220	32.950	ng	98
9) Benzaldehyde	6.39	77	123411	26.420	ng	97
10) Phenol	6.50	94	264836	33.732	ng	90
11) bis(2-Chloroethyl)ether	6.58	93	178536	29.204	ng	98
12) 1,3-Dichlorobenzene	6.79	146	197046	29.578	ng	96
13) 1,4-Dichlorobenzene	6.86	146	202216	30.489	ng	98
14) 1,2-Dichlorobenzene	7.02	146	191391	31.138	ng	98
15) Benzyl Alcohol	6.99	79	178258	30.972	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	179050	24.963	ng	93
17) 2-Methylphenol	7.10	107	159585	30.927	ng	98
18) Hexachloroethane	7.36	117	65115	25.269	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	142169	30.453	ng	92
20) 3+4-Methylphenols	7.25	107	207010	34.504	ng	# 74
22) Acetophenone	7.25	105	281949	32.943	ng	96
24) Nitrobenzene	7.43	77	209833	33.131	ng	95
25) Isophorone	7.66	82	391203	31.002	ng	99
26) 2-Nitrophenol	7.75	139	82293	34.949	ng	94
27) 2,4-Dimethylphenol	7.78	122	174976	36.795	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	234631	30.427	ng	99
29) 2,4-Dichlorophenol	7.99	162	161282	35.291	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	158965	32.070	ng	98
31) Naphthalene	8.15	128	560667	33.167	ng	99
32) Benzoic acid	7.88	122	60941	22.696	ng	95
33) 4-Chloroaniline	8.19	127	115402	14.997	ng	98
34) Hexachlorobutadiene	8.27	225	85738	31.723	ng	97
35) Caprolactam	8.56	113	34620	20.242	ng	# 85
36) 4-Chloro-3-methylphenol	8.68	107	188542	35.895	ng	98
37) 2-Methylnaphthalene	8.84	142	385746	34.297	ng	97
38) 1-Methylnaphthalene	8.94	142	362216	34.115	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	150233	33.786	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	50009	19.475	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	107813	35.370	ng	96
44) 2,4,5-Trichlorophenol	9.16	196	114163	36.076	ng	98
46) 1,1'-Biphenyl	9.30	154	454548	32.293	ng	98
47) 2-Chloronaphthalene	9.33	162	354758	31.821	ng	97
48) 2-Nitroaniline	9.42	65	113771	35.299	ng	96
49) Acenaphthylene	9.75	152	569141	33.772	ng	100
50) Dimethylphthalate	9.60	163	478844	37.391	ng	97
51) 2,6-Dinitrotoluene	9.66	165	84290	34.497	ng	94
52) Acenaphthene	9.92	154	336145	32.463	ng	98
53) 3-Nitroaniline	9.83	138	84273	27.522	ng	86
54) 2,4-Dinitrophenol	9.94	184	9678	18.942	ng	98
55) Dibenzofuran	10.09	168	503769	34.512	ng	98
56) 4-Nitrophenol	10.00	139	151966	72.379	ng	90
57) 2,4-Dinitrotoluene	10.07	165	109962	36.805	ng	93
58) Fluorene	10.43	166	401013	36.055	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	84538	37.015	ng	97
60) Diethylphthalate	10.30	149	431367	33.626	ng	97
61) 4-Chlorophenyl-phenylether	10.42	204	171114	35.133	ng	96
62) 4-Nitroaniline	10.45	138	104261	35.086	ng	96
63) Azobenzene	10.58	77	437161	32.682	ng	95
65) 4,6-Dinitro-2-methylphenol	10.47	198	9551	14.730	ng	74
66) n-Nitrosodiphenylamine	10.54	169	353044	33.910	ng	97
67) 4-Bromophenyl-phenylether	10.91	248	99074	32.405	ng	98
68) Hexachlorobenzene	10.99	284	105491	32.978	ng	92
69) Atrazine	11.06	200	94991	32.576	ng	98
70) Pentachlorophenol	11.17	266	105497	68.176	ng	98
71) Phenanthrene	11.39	178	586860	35.029	ng	100
72) Anthracene	11.44	178	585533	34.719	ng	99
73) Carbazole	11.59	167	547897	34.106	ng	99
74) Di-n-butylphthalate	11.92	149	702478	34.110	ng	100
75) Fluoranthene	12.58	202	608046	36.931	ng	98
77) Benzidine	12.70	184	453177	52.716	ng	100
78) Pyrene	12.81	202	598176	30.702	ng	98
80) Butylbenzylphthalate	13.42	149	290336	30.643	ng	99
81) Benzo(a)anthracene	13.99	228	492603	35.512	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	169121	36.077	ng	97
83) Chrysene	14.03	228	482404	33.755	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	406529	34.759	ng	99
85) Di-n-octyl phthalate	14.59	149	676865	35.364	ng	96
86) Indeno(1,2,3-cd)pyrene	16.92	276	346120	30.153	ng	97
88) Benzo(b)fluoranthene	15.04	252	458505	35.798	ng	99
89) Benzo(k)fluoranthene	15.06	252	379925	32.533	ng	98
90) Benzo(a)pyrene	15.40	252	384460	34.502	ng	99
91) Dibenzo(a,h)anthracene	16.93	278	289257	29.656	ng	99
92) Benzo(g,h,i)perylene	17.36	276	271184	27.261	ng	99

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

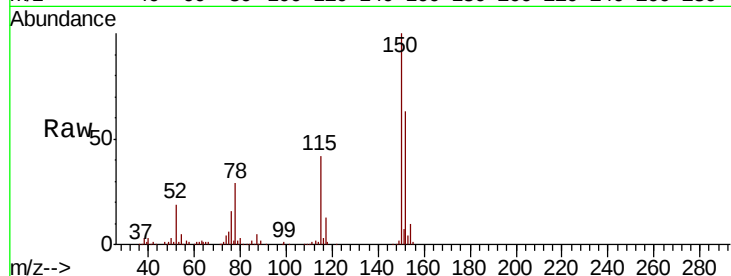


#1

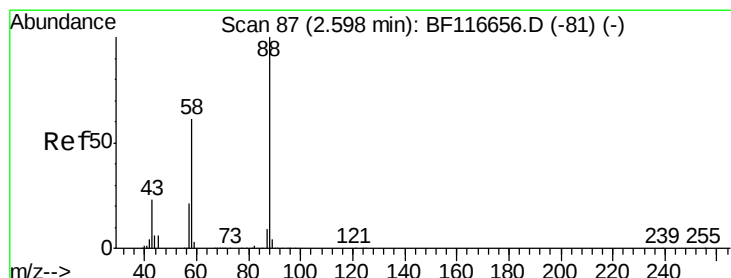
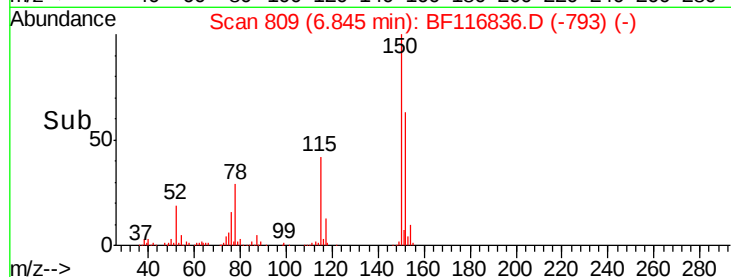
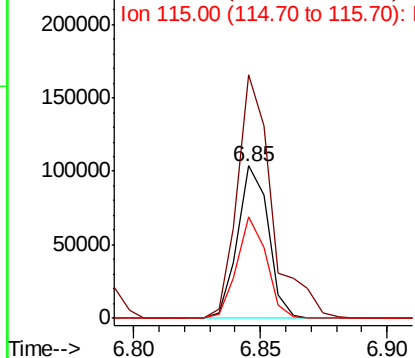
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 87477
Ion Ratio Lower Upper
152 100
150 159.5 124.4 186.6
115 66.5 49.9 74.9



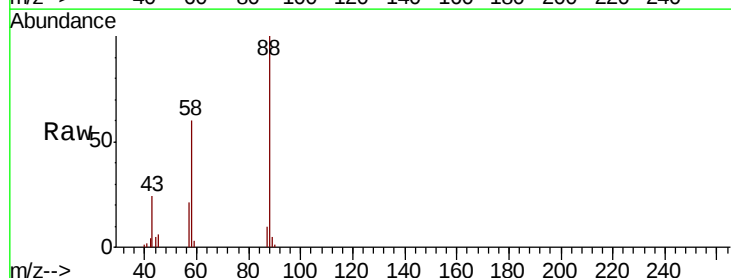
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



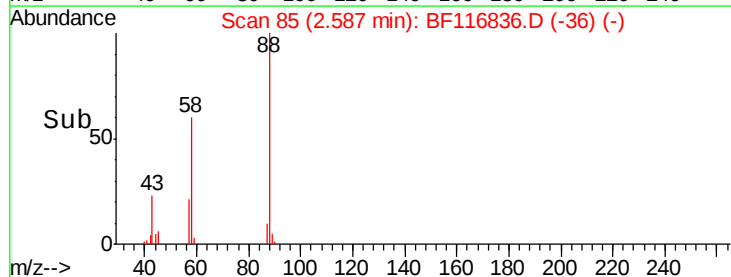
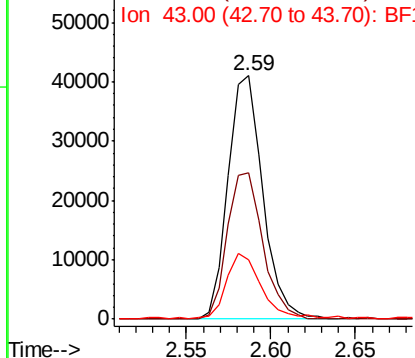
#2

1,4-Dioxane
Concen: 23.566 ng
RT: 2.59 min Scan# 85
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion: 88 Resp: 58741
Ion Ratio Lower Upper
88 100
58 61.4 51.7 77.5
43 28.0 19.8 29.8



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: 21.273 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

ClientSampleId :

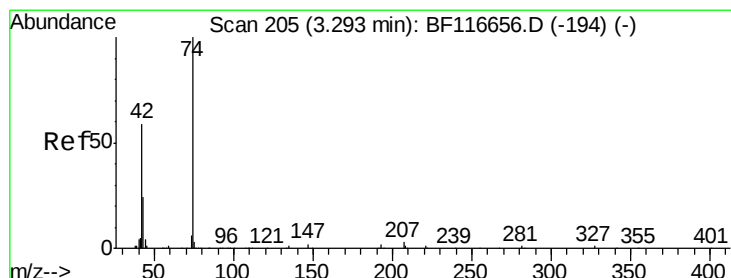
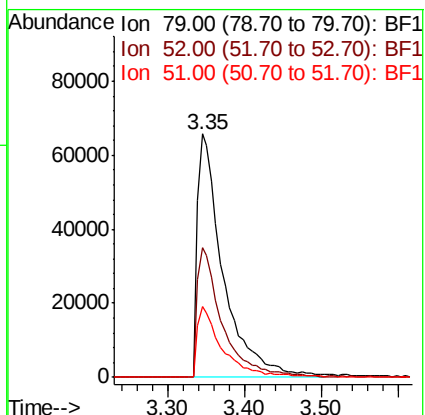
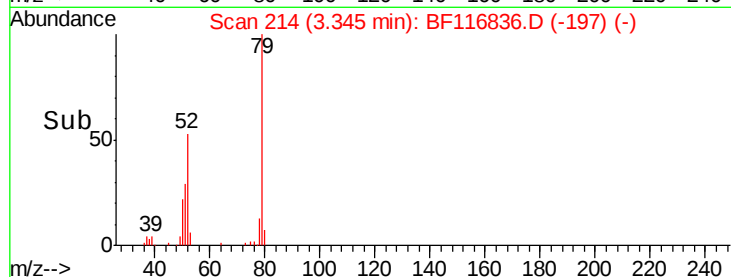
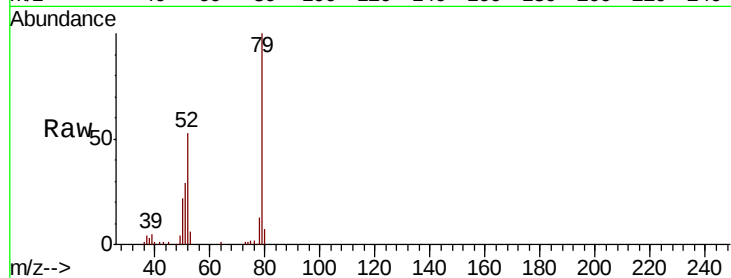
Tot Ion: 79 Resp: 153528

Ion Ratio Lower Upper

79 100

52 53.1 47.4 71.0

51 29.3 24.1 36.1



#4

n-Nitrosodimethylamine

Concen: 26.322 ng

RT: 3.27 min Scan# 202

Delta R.T. -0.02 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

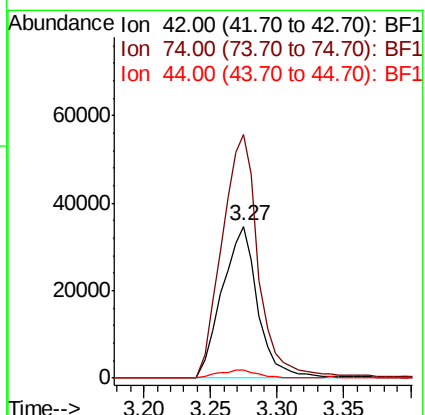
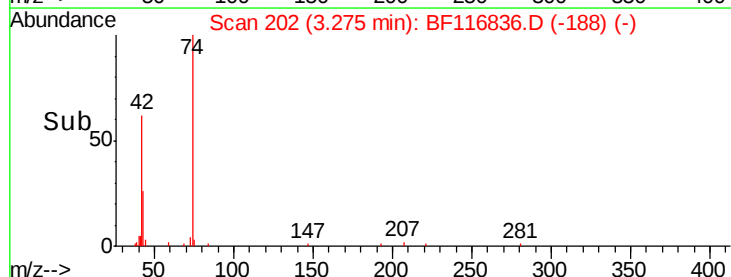
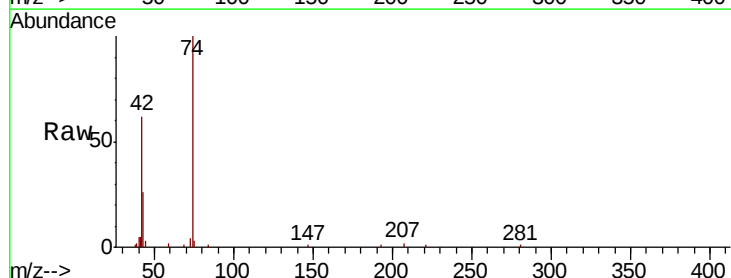
Tgt Ion: 42 Resp: 65232

Ion Ratio Lower Upper

42 100

74 160.6 115.6 173.4

44 5.3 4.6 7.0





#5

2-Fluorophenol

Concen: 79.422 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116836.D

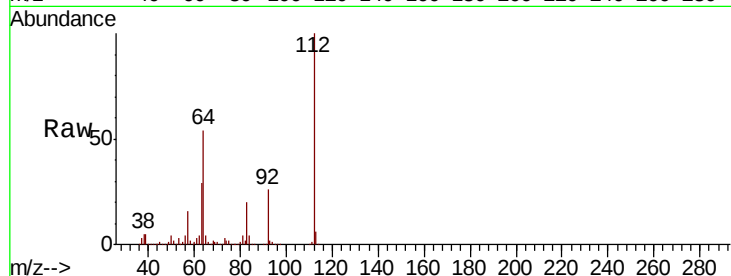
Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

ClientSampled :

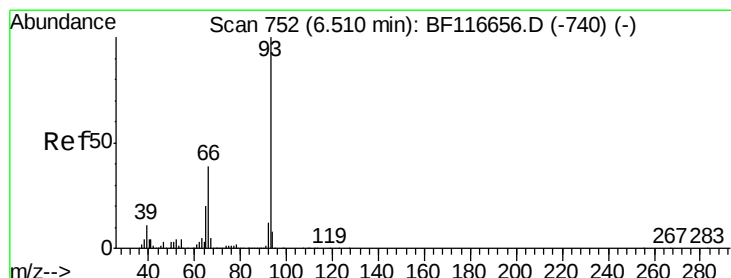
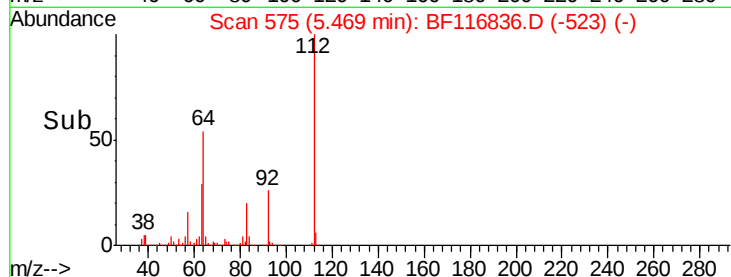
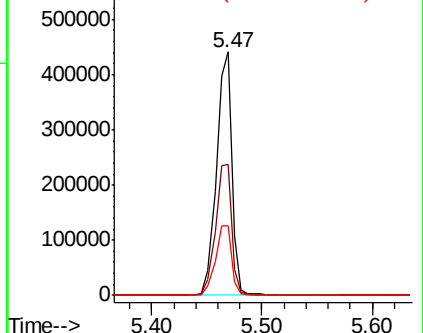
Tot Ion:	112	Resp:	428847
Ion	Ratio	Lower	Upper
112	100		
64	53.9	47.1	70.7
63	28.8	24.9	37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.563 ng

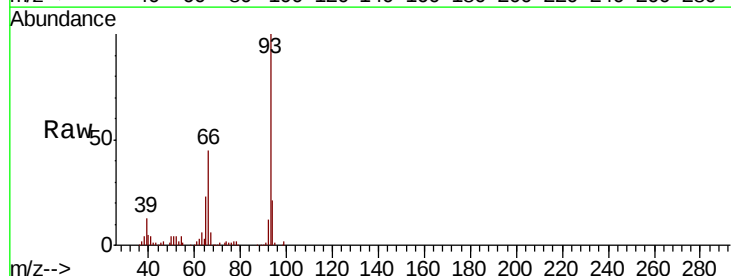
RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

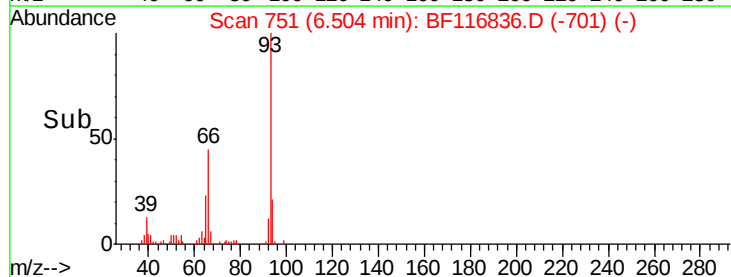
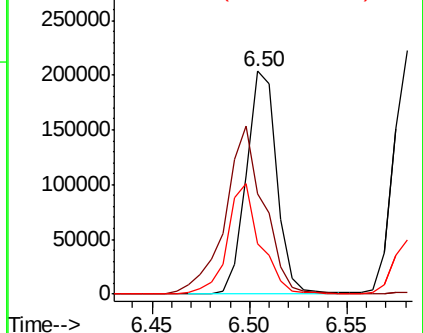
Tgt Ion:	93	Resp:	221579
Ion	Ratio	Lower	Upper
93	100		
66	44.9	32.7	49.1
65	22.6	16.3	24.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.835 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

ClientSampleId :

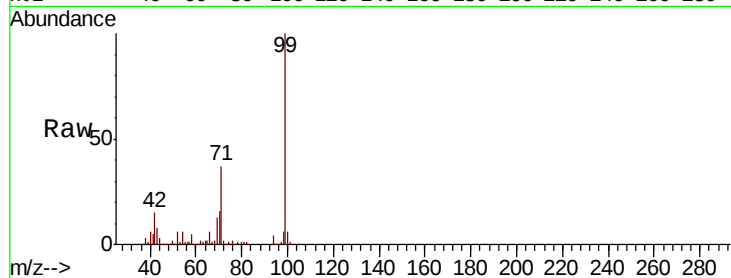
Tot Ion: 99 Resp: 594417

Ion Ratio Lower Upper

99 100

42 15.1 13.7 20.5

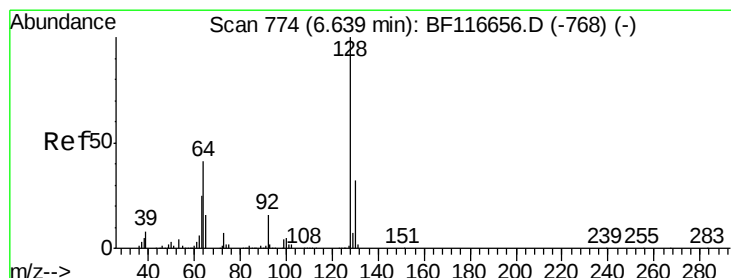
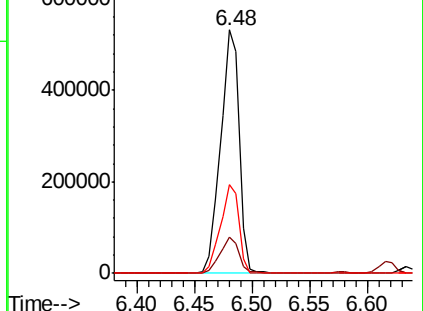
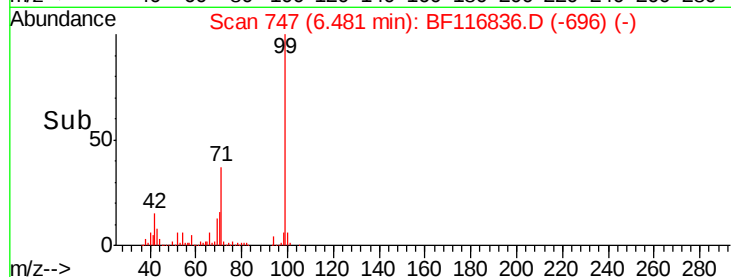
71 36.5 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 32.950 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

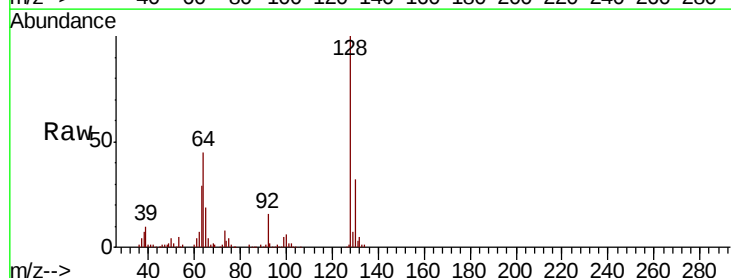
Tgt Ion: 128 Resp: 194220

Ion Ratio Lower Upper

128 100

130 32.0 12.3 52.3

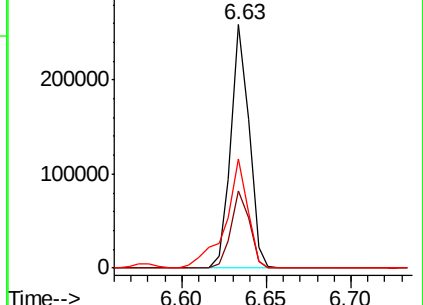
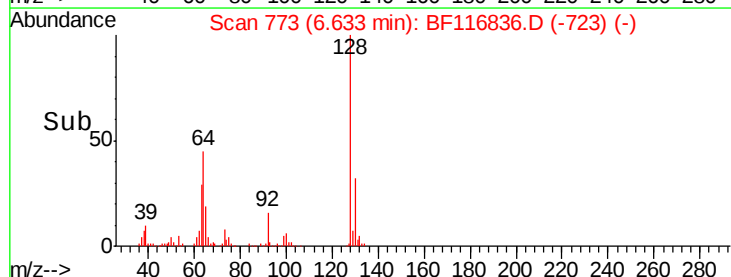
64 44.9 22.5 62.5

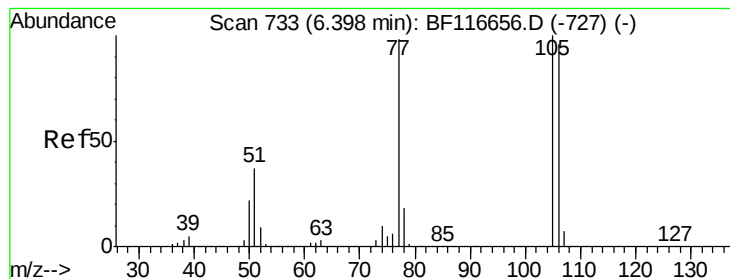


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.420 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

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ClientSampleId :

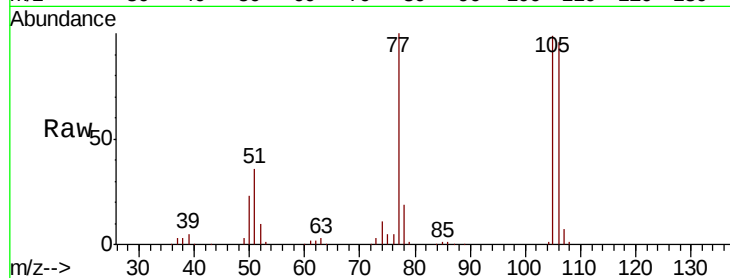
Tot Ion: 77 Resp: 123411

Ion Ratio Lower Upper

77 100

105 99.0 76.7 116.7

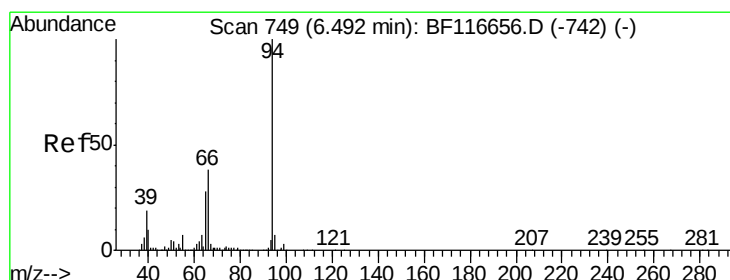
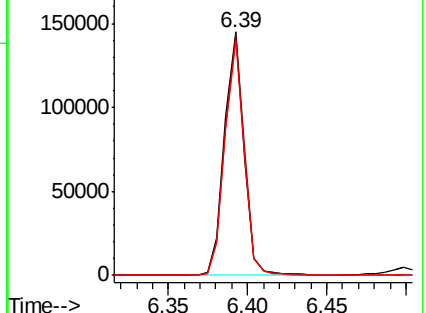
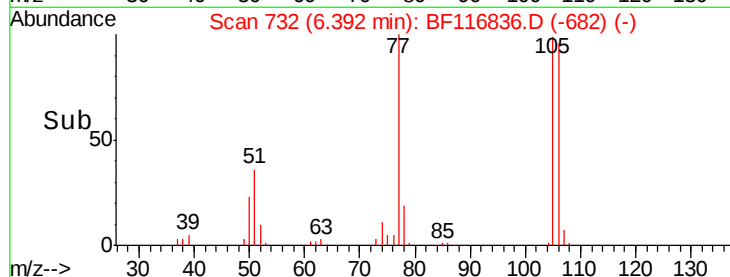
106 96.4 73.1 113.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.732 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

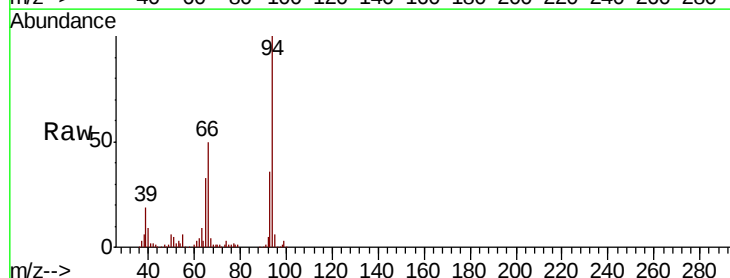
Tgt Ion: 94 Resp: 264836

Ion Ratio Lower Upper

94 100

65 33.3 10.8 50.8

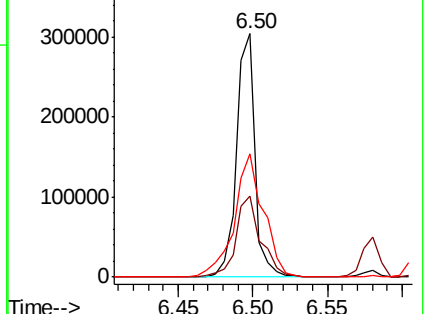
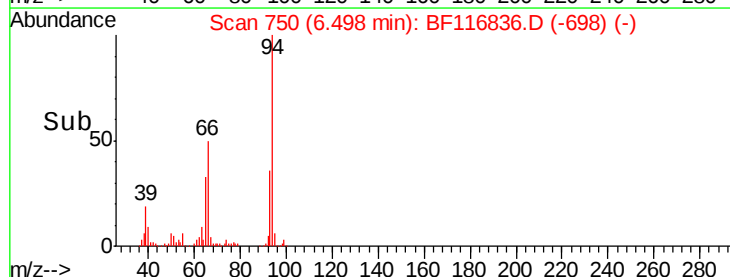
66 50.5 21.1 61.1



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

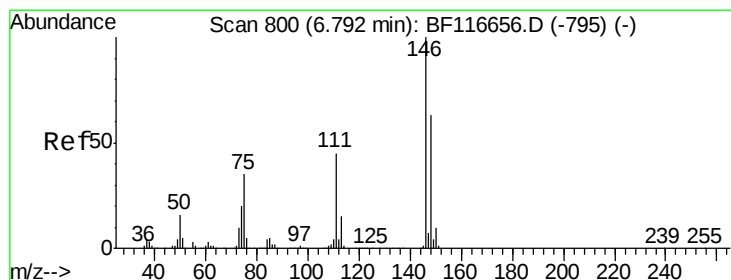
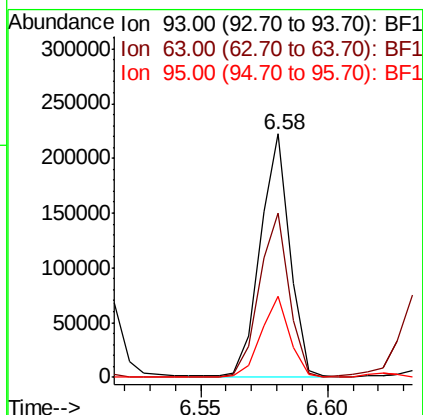
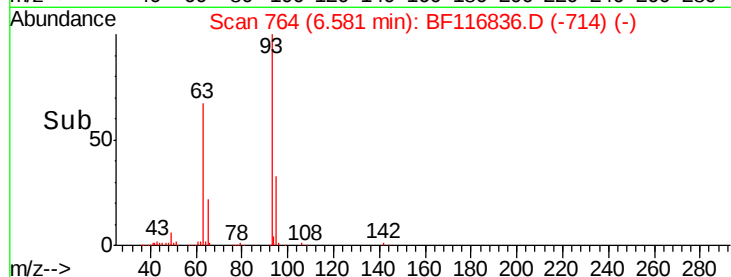
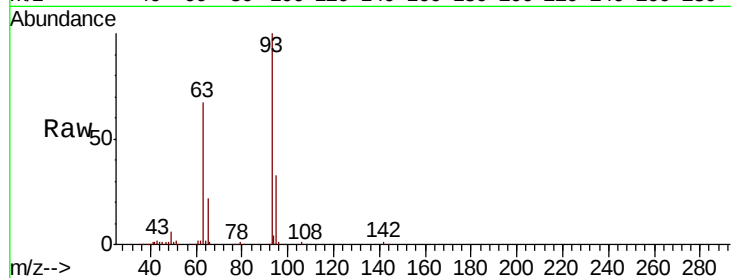




#11
bis(2-Chloroethyl)ether
Concen: 29.204 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

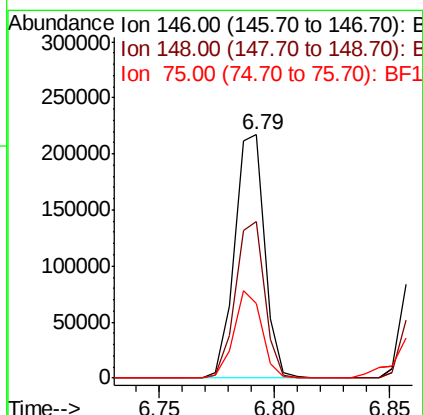
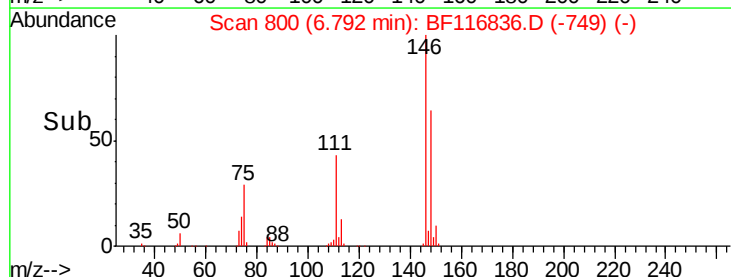
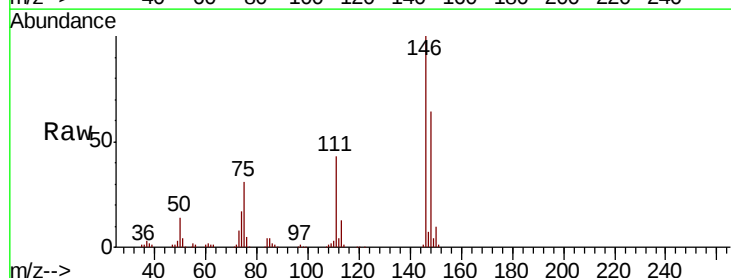
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	93	Resp:	178536
Ion	Ratio	Lower	Upper
93	100		
63	67.4	49.9	89.9
95	33.3	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 29.578 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion:	146	Resp:	197046
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
75	30.5	29.6	44.4





#13

1,4-Dichlorobenzene

Concen: 30.489 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

ClientSampleId :

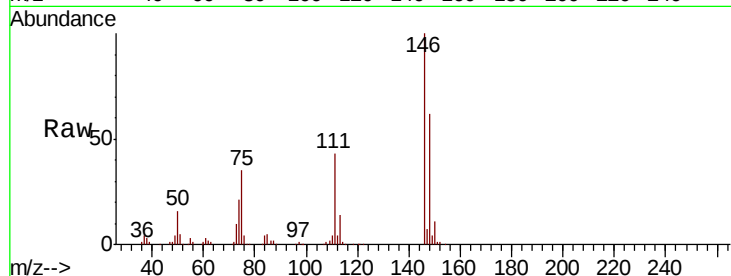
Tot Ion:146 Resp: 202216

Ion Ratio Lower Upper

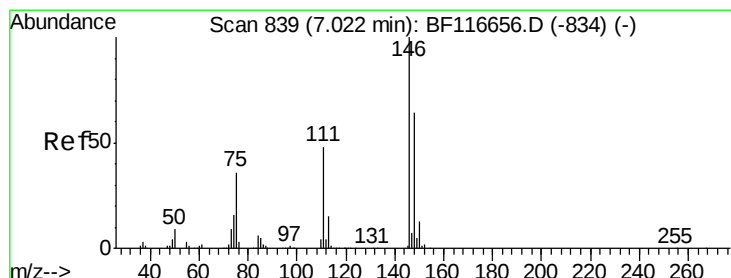
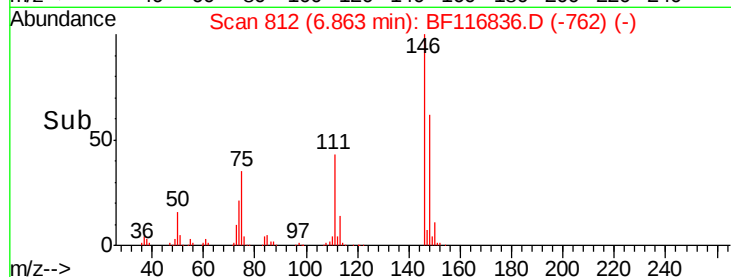
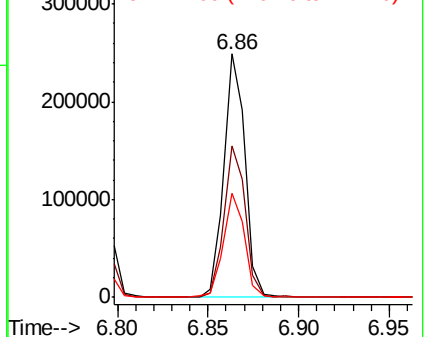
146 100

148 62.1 51.4 77.2

111 42.6 34.8 52.2



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



#14

1,2-Dichlorobenzene

Concen: 31.138 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

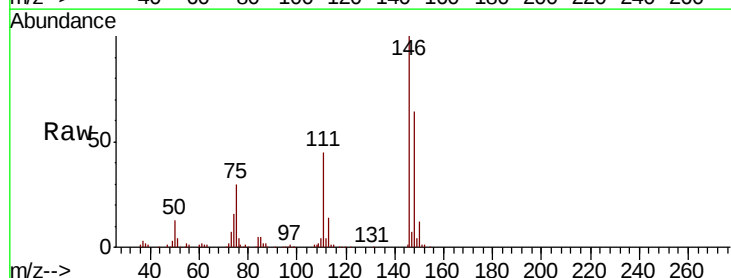
Tgt Ion:146 Resp: 191391

Ion Ratio Lower Upper

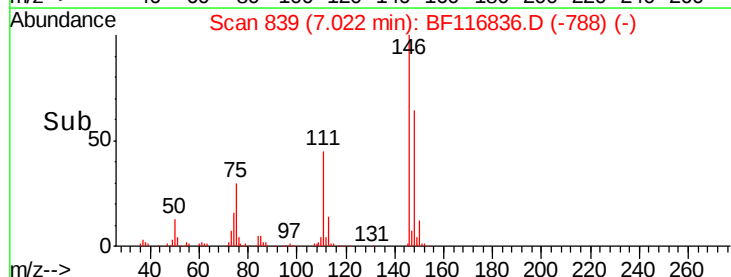
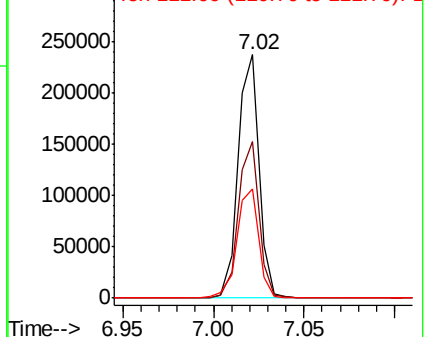
146 100

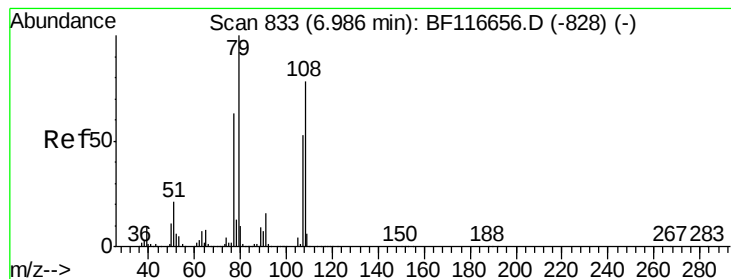
148 64.2 52.6 78.8

111 44.8 34.2 51.4



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





#15

Benzyl Alcohol

Concen: 30.972 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

ClientSampled :

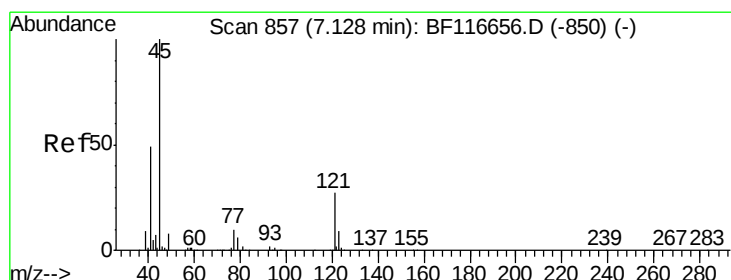
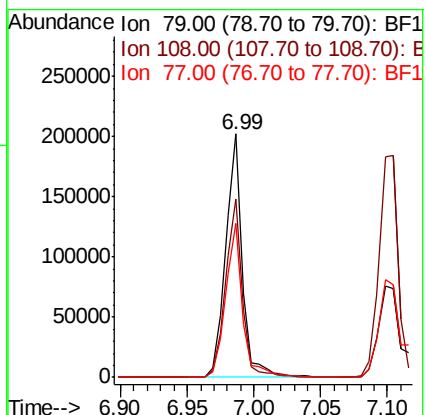
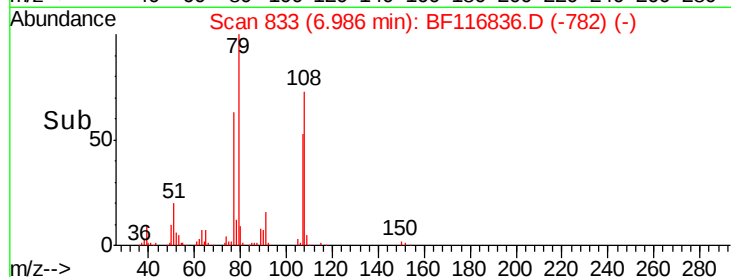
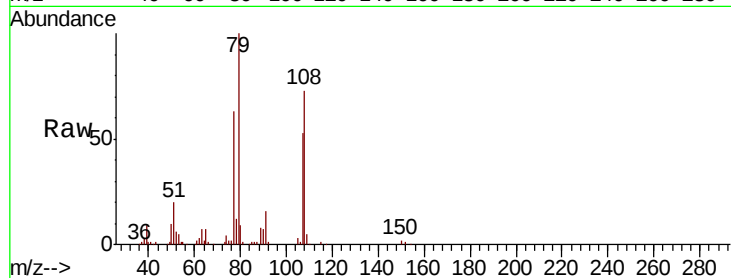
Tot Ion: 79 Resp: 178258

Ion Ratio Lower Upper

79 100

108 73.2 59.2 88.8

77 63.5 53.0 79.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.963 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

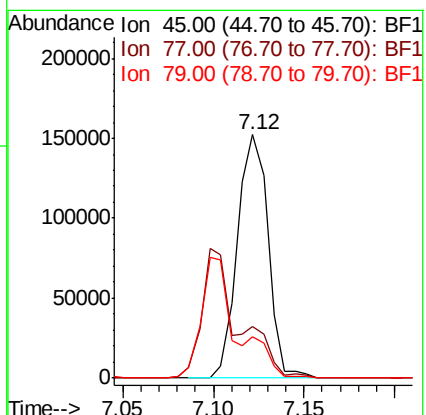
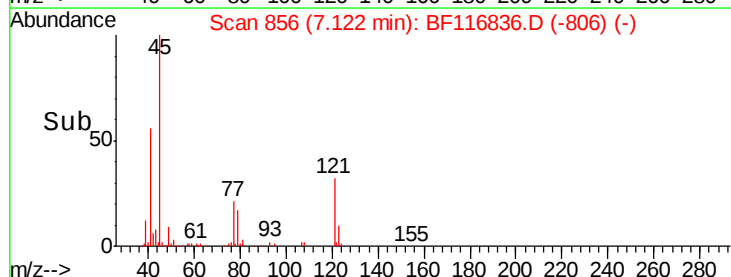
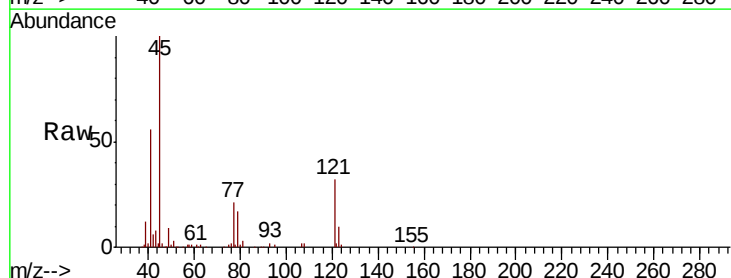
Tgt Ion: 45 Resp: 179050

Ion Ratio Lower Upper

45 100

77 21.2 0.0 38.2

79 17.0 0.0 33.9

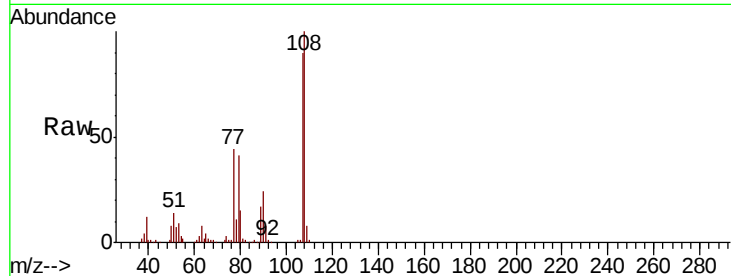




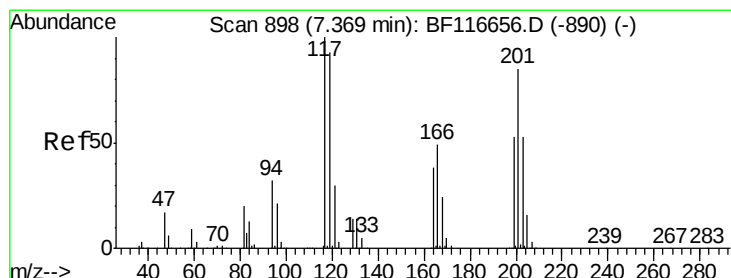
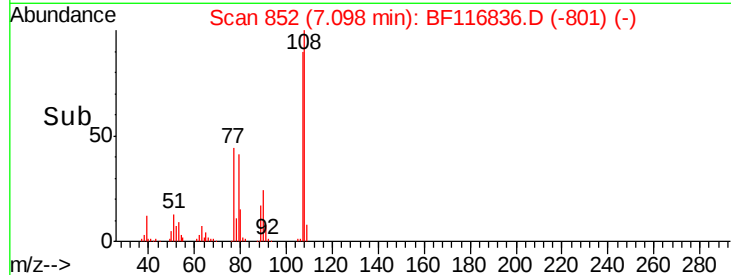
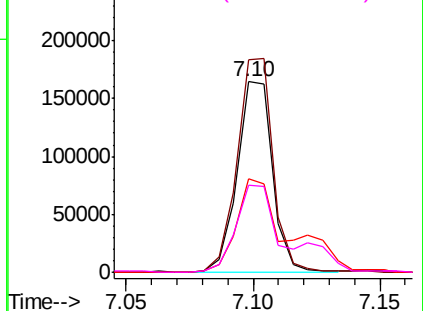
#17
2-Methylphenol
Concen: 30.927 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	159585
Ion	Ratio	Lower	Upper
107	100		
108	111.4	88.3	132.5
77	49.2	39.9	59.9
79	46.0	39.8	59.8

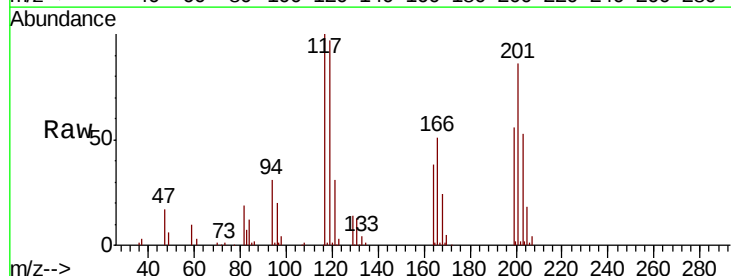


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

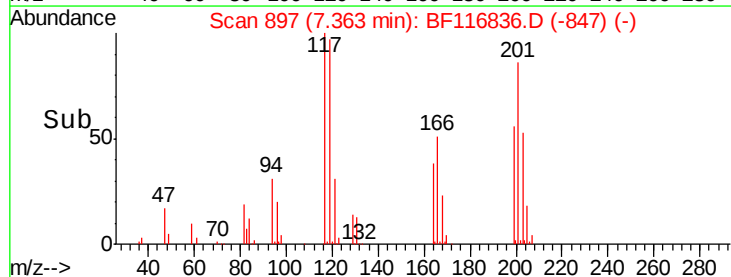
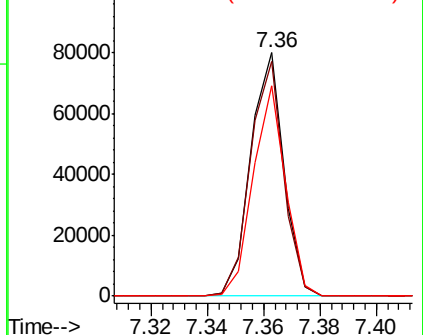


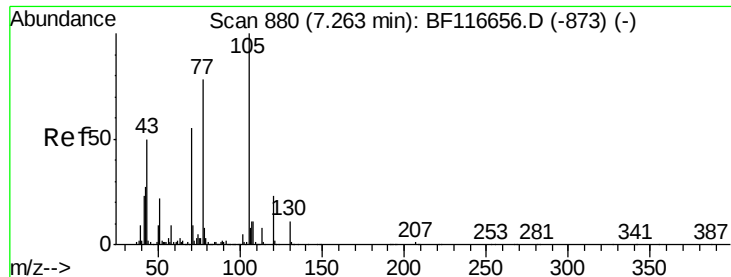
#18
Hexachloroethane
Concen: 25.269 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion:	117	Resp:	65115
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.9	115.3
201	86.1	79.4	119.0



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

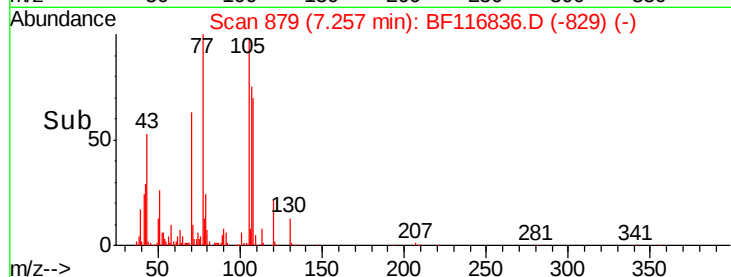
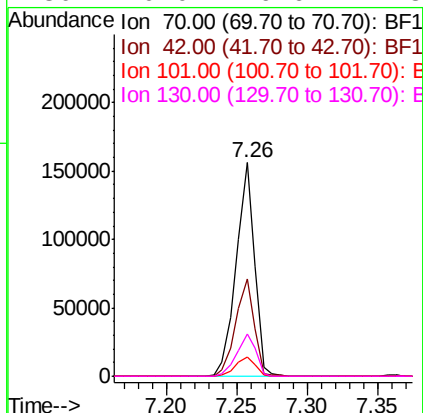
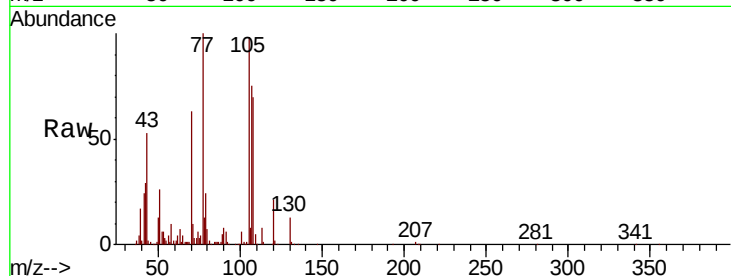




#19
n-Nitroso-di-n-propylamine
Concen: 30.453 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

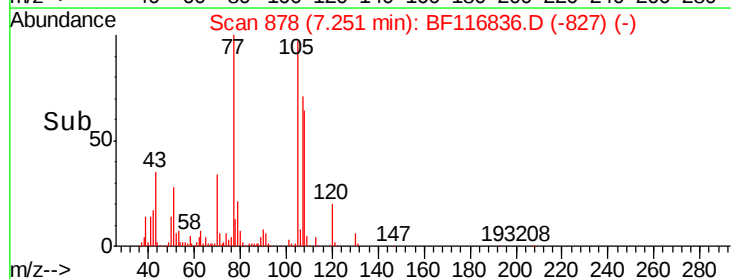
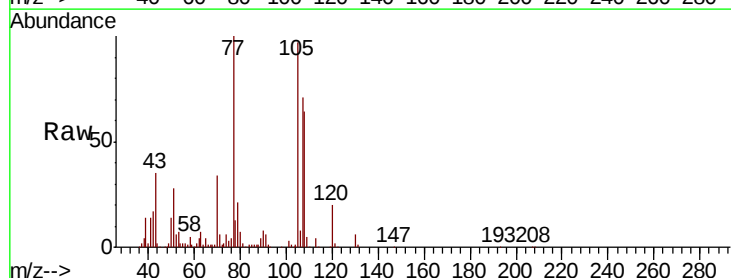
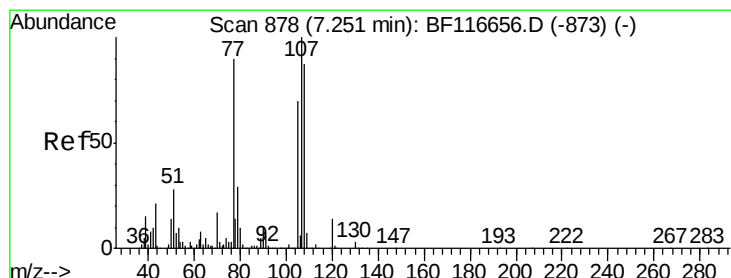
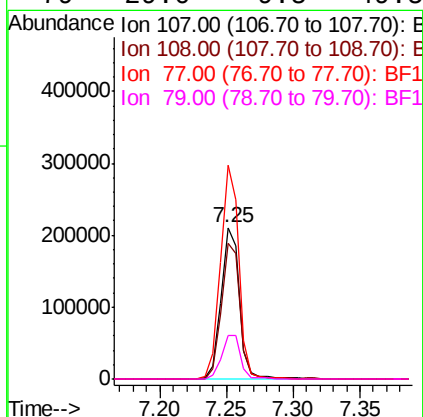
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	142169
Ion	Ratio	Lower	Upper
70	100		
42	45.8	43.5	65.3
101	9.0	7.8	11.6
130	20.0	16.6	24.8



#20
3+4-Methylphenols
Concen: 34.504 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion:	107	Resp:	207010
Ion	Ratio	Lower	Upper
107	100		
108	89.6	65.5	105.5
77	140.9	69.4	109.4#
79	29.0	9.5	49.5

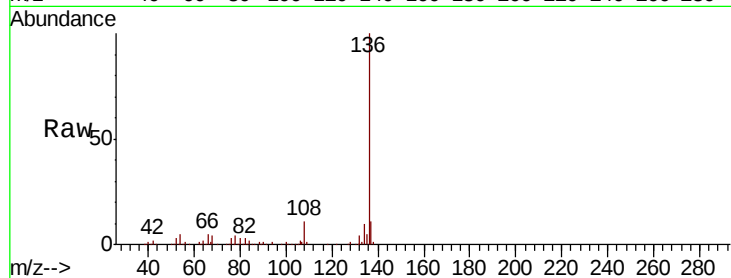




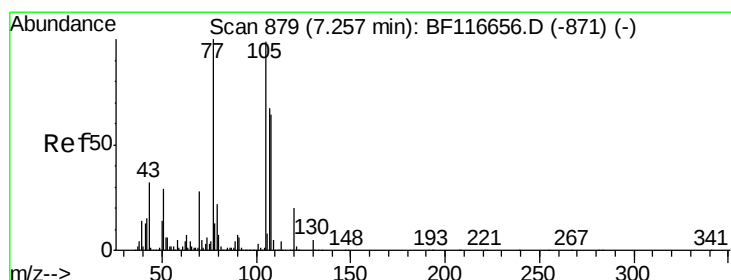
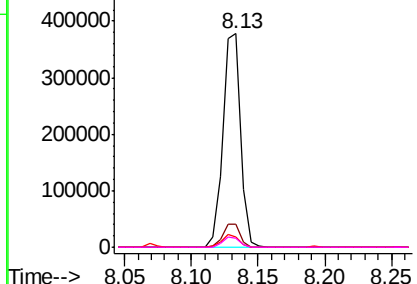
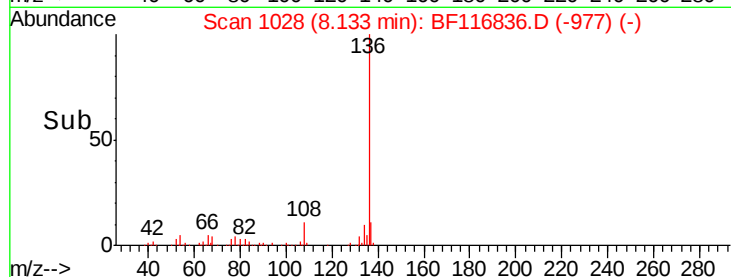
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	355498
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	5.0	4.8 7.2
68	4.5	4.0 6.0

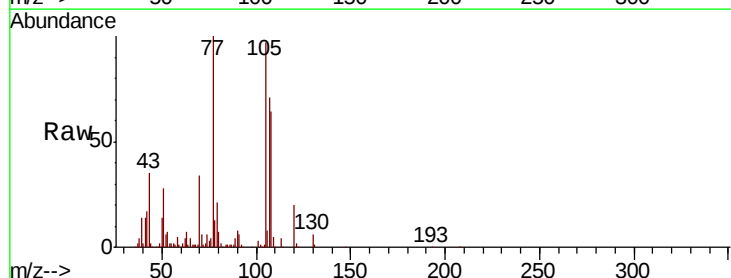


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

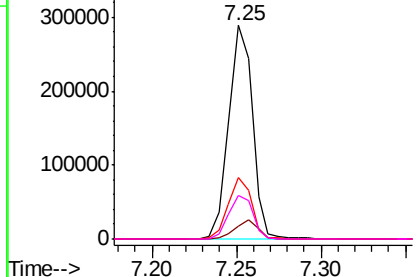
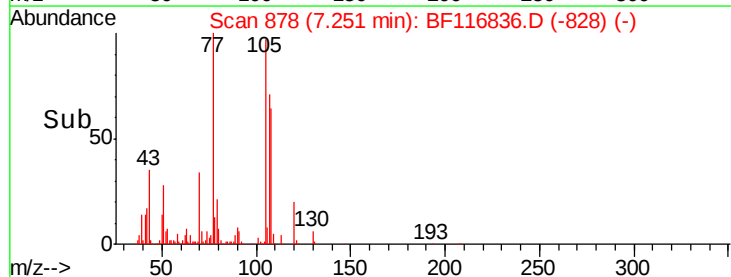


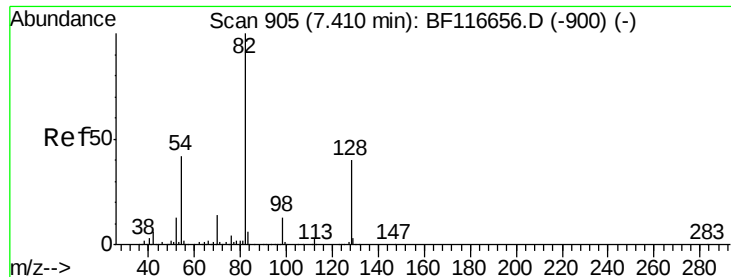
#22
Acetophenone
Concen: 32.943 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion:105	Resp:	281949
Ion Ratio	Lower	Upper
105	100	
71	6.2	4.2 6.4
51	29.0	25.8 38.8
120	20.6	16.4 24.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

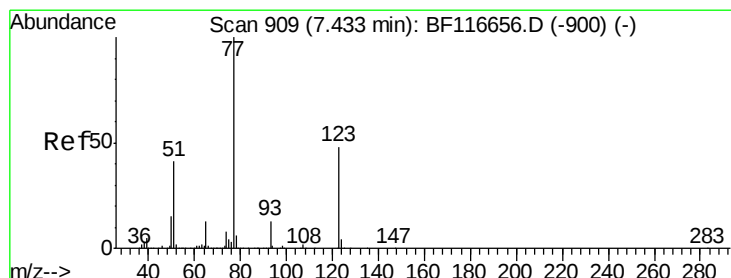
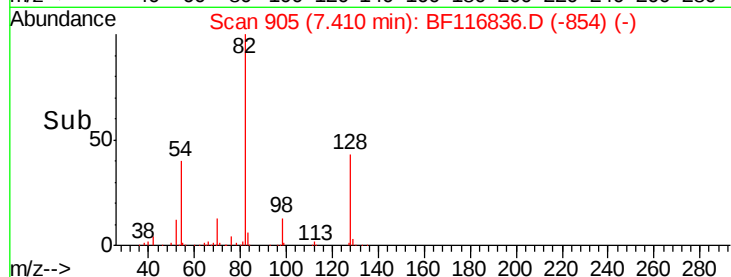
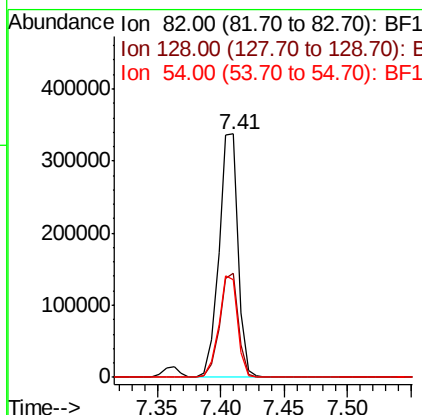
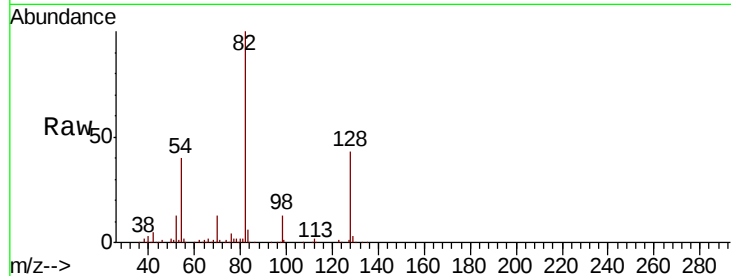




#23
 Nitrobenzene-d5
 Concen: 57.281 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

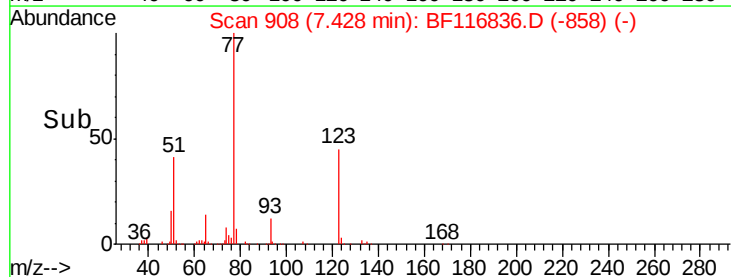
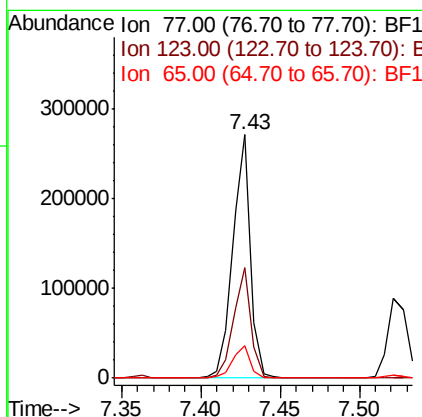
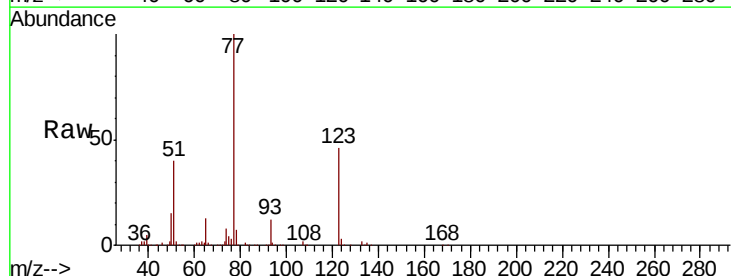
Instrument :
 BNA_F
 ClientSampleId :

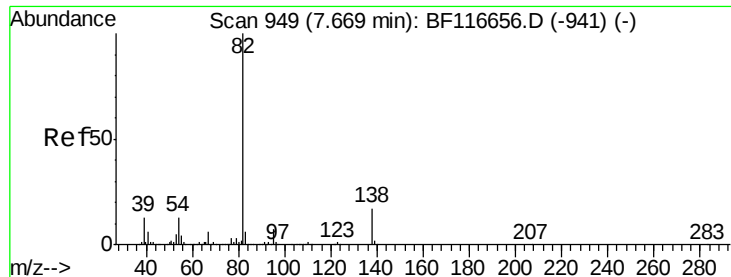
Tot Ion	82	Resp	356703
Ion Ratio	Lower	Upper	
82	100		
128	43.0	32.8	49.2
54	40.2	36.9	55.3



#24
 Nitrobenzene
 Concen: 33.131 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Tgt Ion	77	Resp	209833
Ion Ratio	Lower	Upper	
77	100		
123	45.5	33.1	49.7
65	13.1	10.6	15.8





#25

Isophorone

Concen: 31.002 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

ClientSampleId :

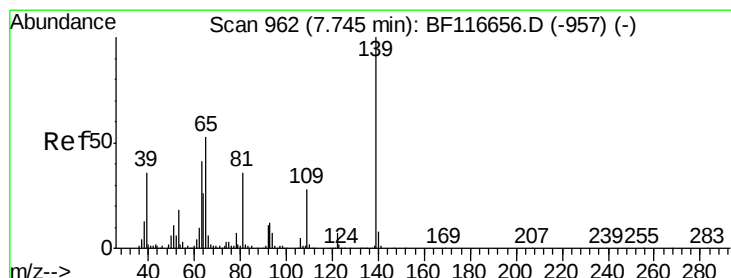
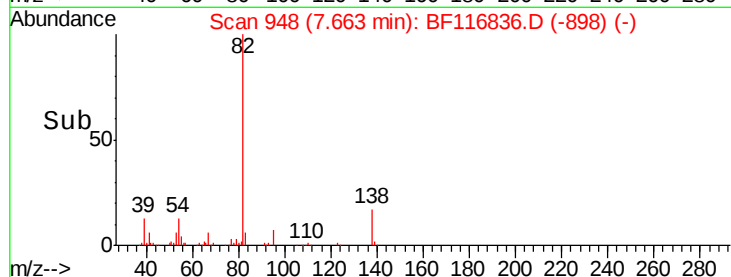
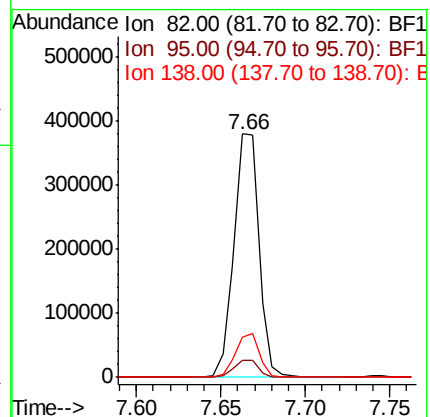
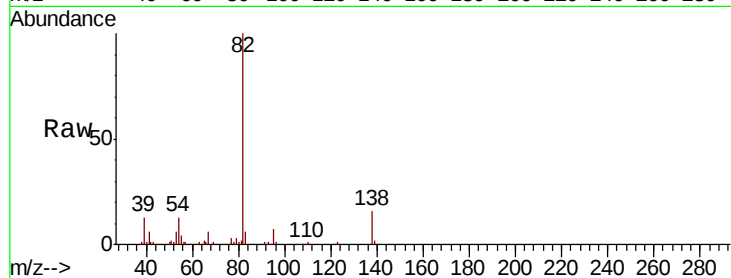
Tot Ion: 82 Resp: 391203

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 16.4 13.5 20.3



#26

2-Nitrophenol

Concen: 34.949 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

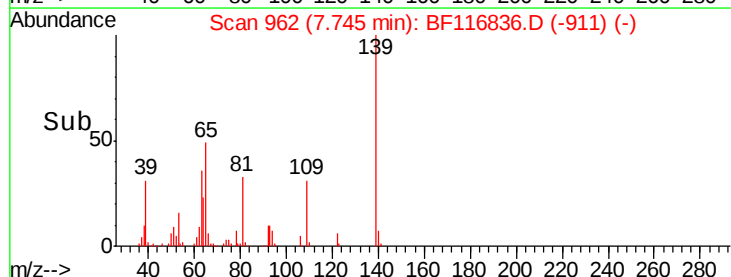
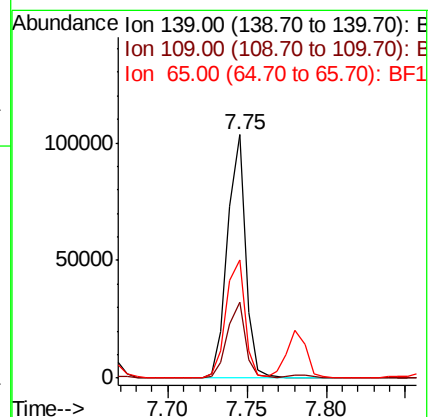
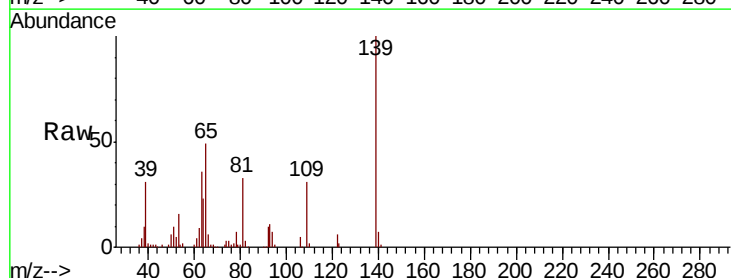
Tgt Ion: 139 Resp: 82293

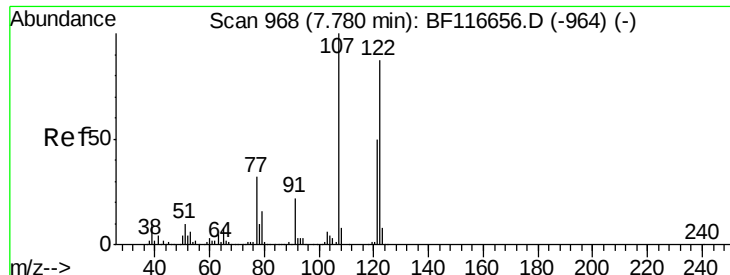
Ion Ratio Lower Upper

139 100

109 31.1 27.1 40.7

65 48.6 43.0 64.6

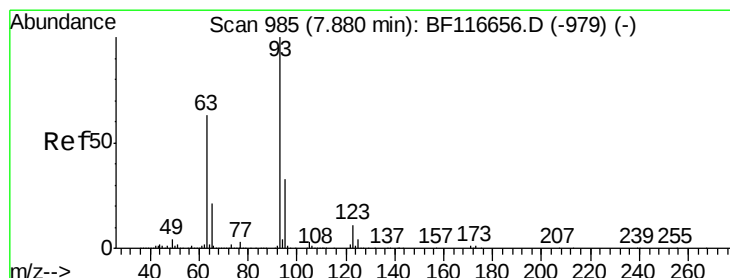
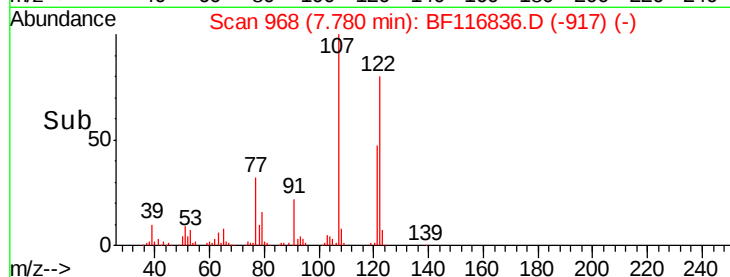
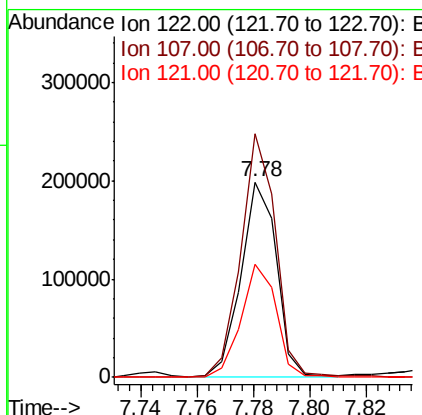
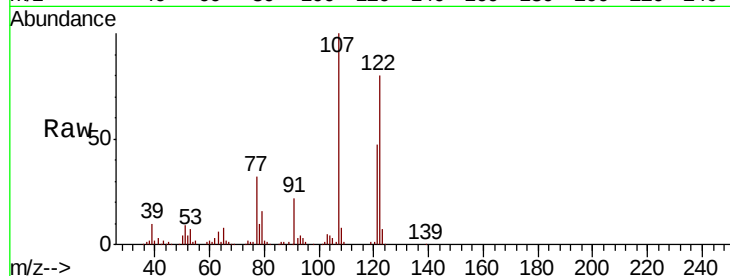




#27
2,4-Dimethylphenol
Concen: 36.795 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

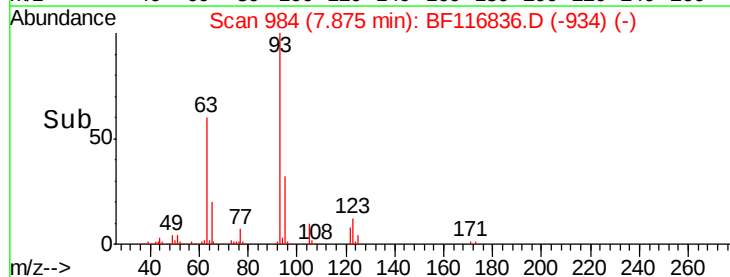
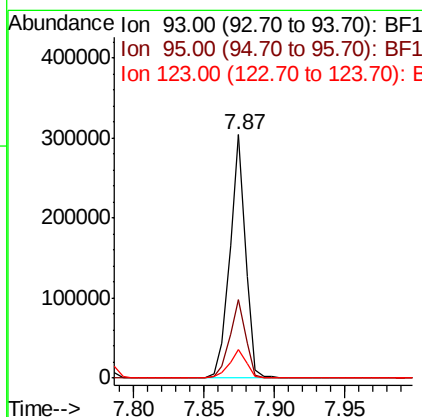
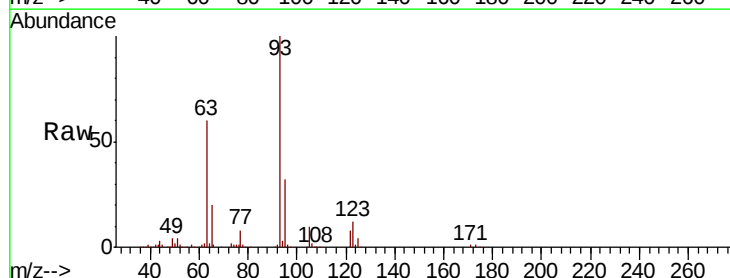
Instrument :
BNA_F
ClientSampleId :

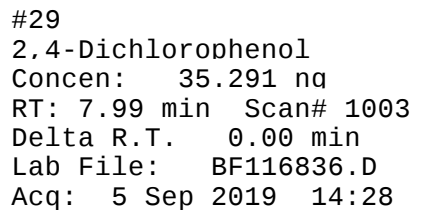
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.6	98.1	147.1
121	58.2	47.3	70.9



#28
bis(2-Chloroethoxy)methane
Concen: 30.427 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

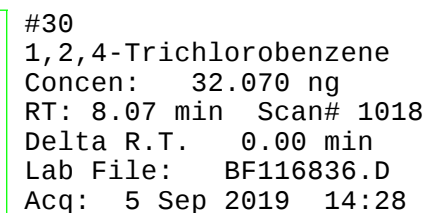
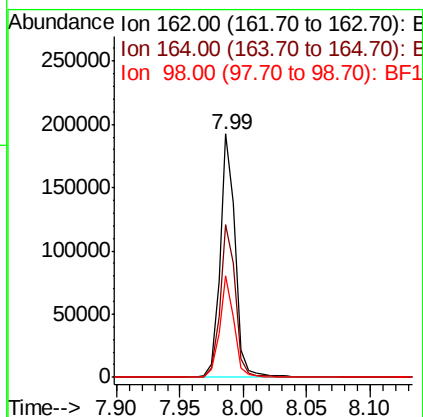
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	11.5	9.8	14.8



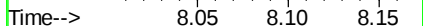
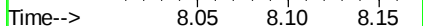
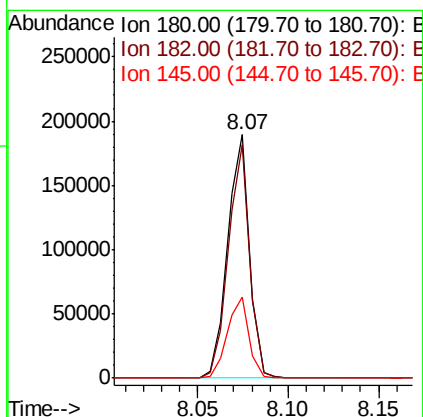


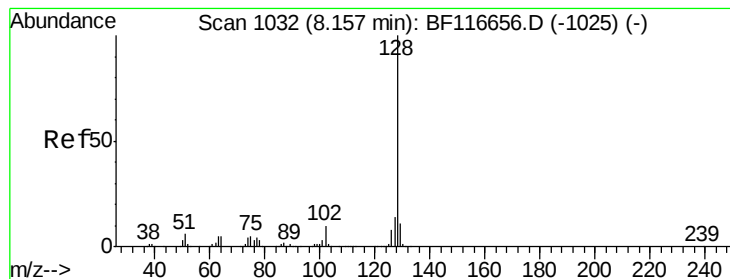
Instrument :
BNA_F
ClientSampleId :

Tqt	Ion:162	Resp:	161282
Ion	Ratio	Lower	Upper
162	100		
164	62.5	43.4	83.4
98	41.5	18.1	58.1



Tgt	Ion:180	Resp:	158965
Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.6	118.0
145	33.3	25.7	38.5





#31

Naphthalene

Concen: 33.167 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

ClientSampleId :

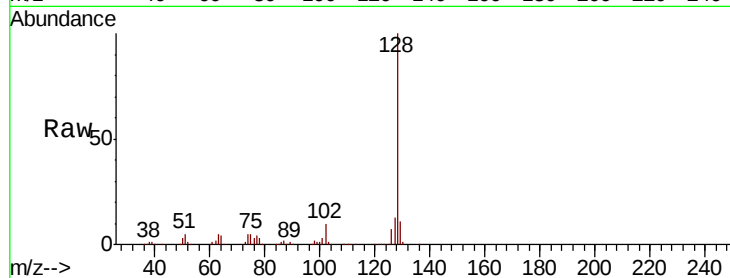
Tot Ion:128 Resp: 560667

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

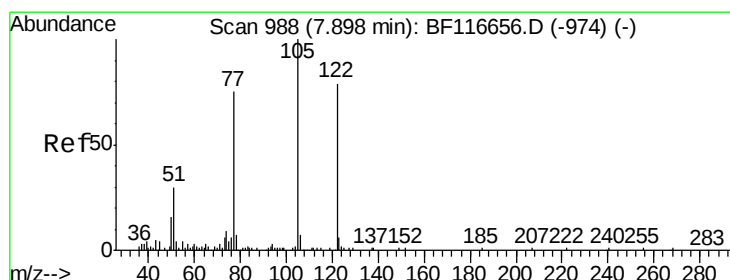
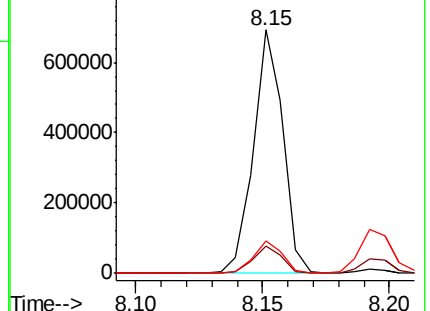
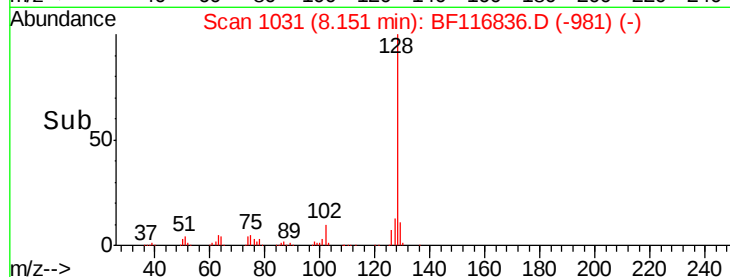
127 13.4 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.696 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

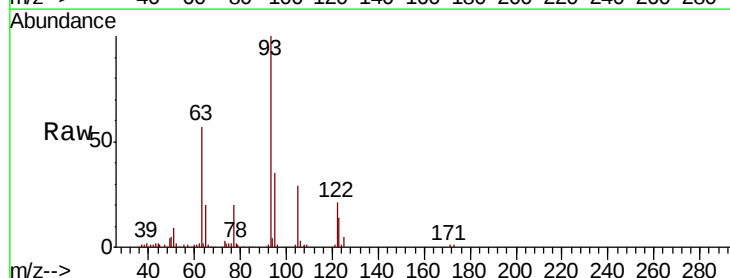
Tgt Ion:122 Resp: 60941

Ion Ratio Lower Upper

122 100

105 134.3 110.0 150.0

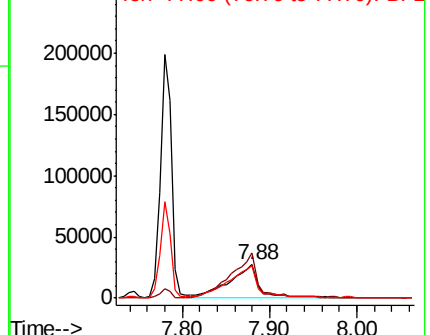
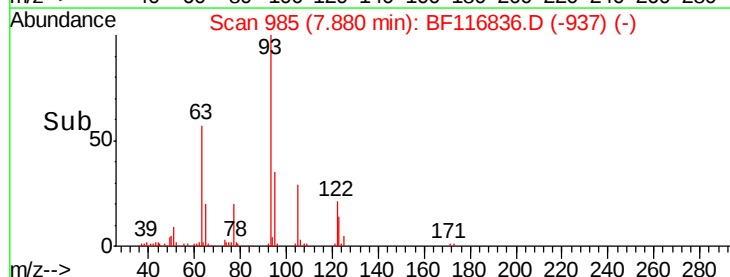
77 96.1 81.7 121.7

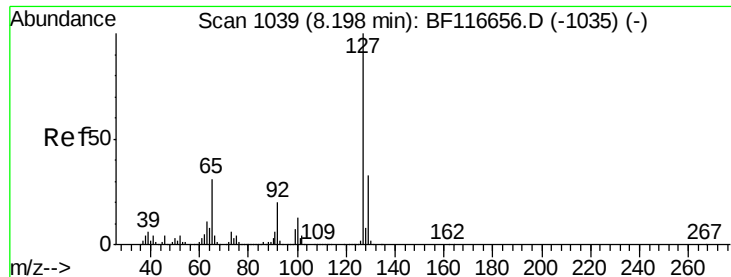


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

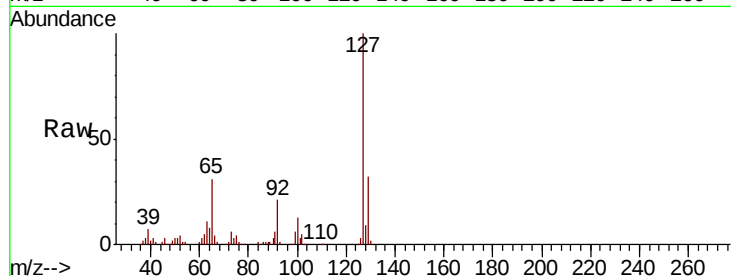




#33
4-Chloroaniline
Concen: 14.997 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	115402
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	30.8	26.0	39.0
92	20.7	16.1	24.1



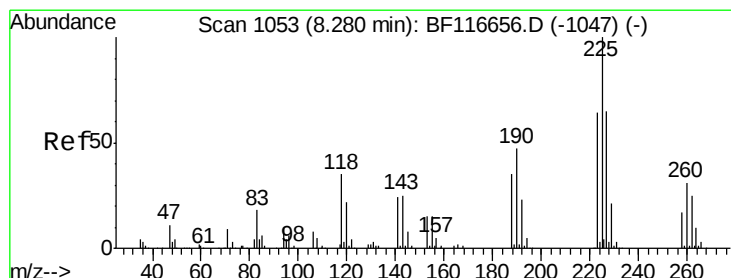
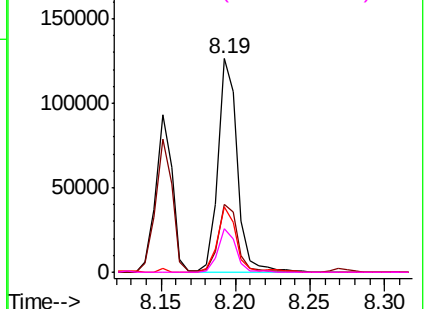
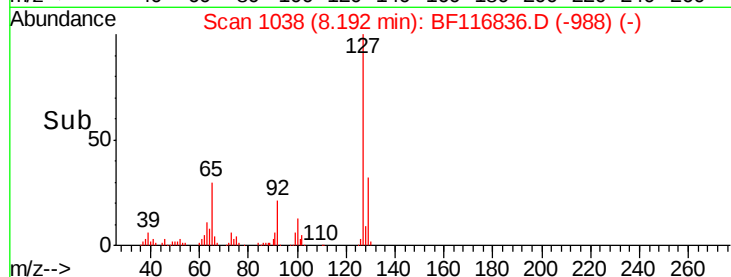
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

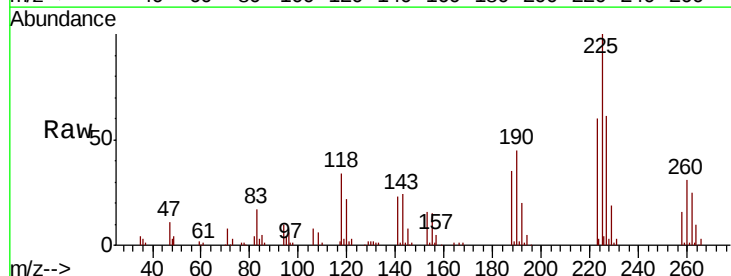
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 31.723 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion:	225	Resp:	85738
Ion	Ratio	Lower	Upper
225	100		
223	59.6	49.4	74.2
227	61.3	51.0	76.4

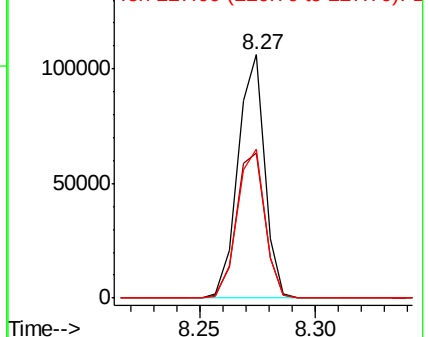
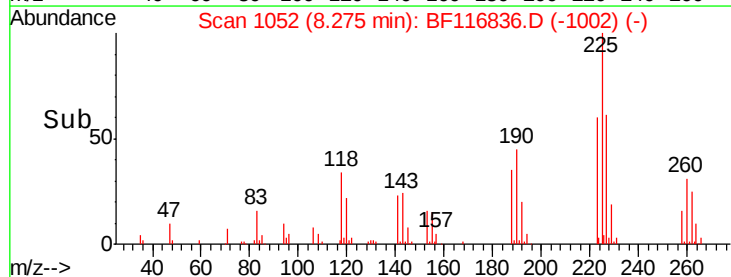


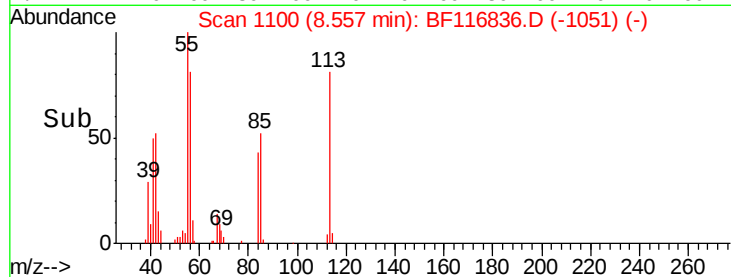
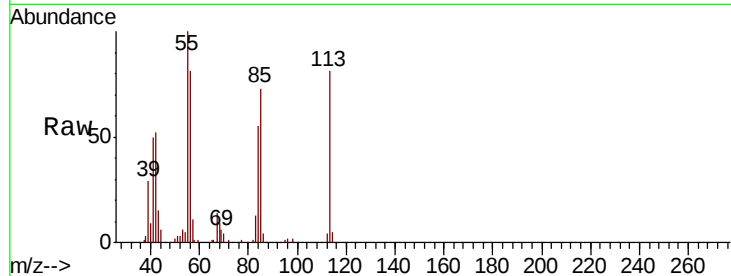
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

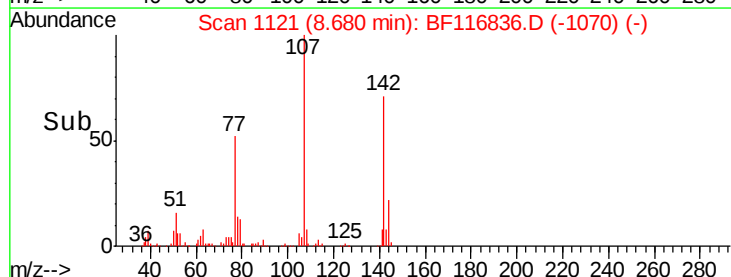
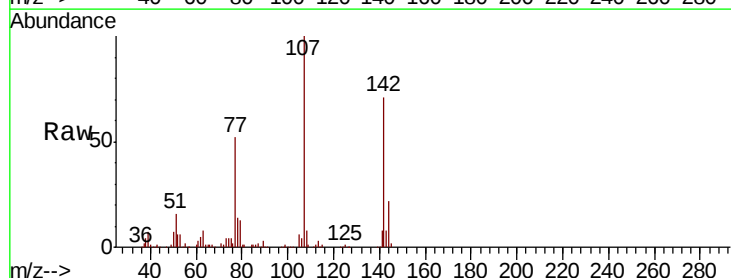
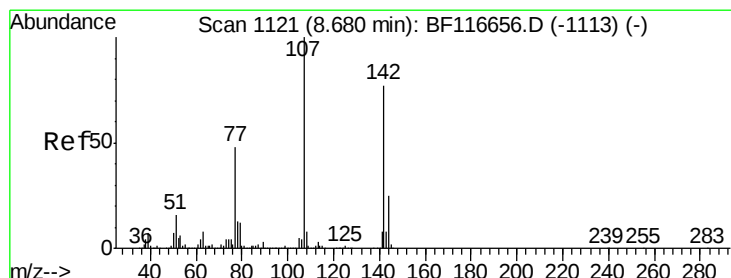
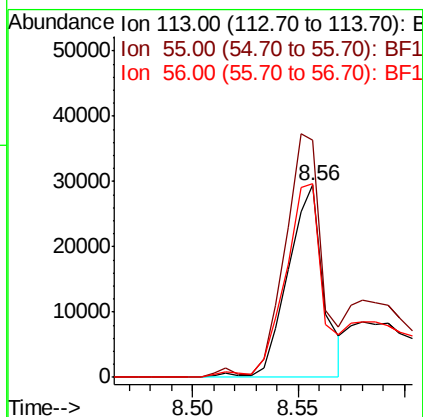




#35
Caprolactam
Concen: 20.242 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

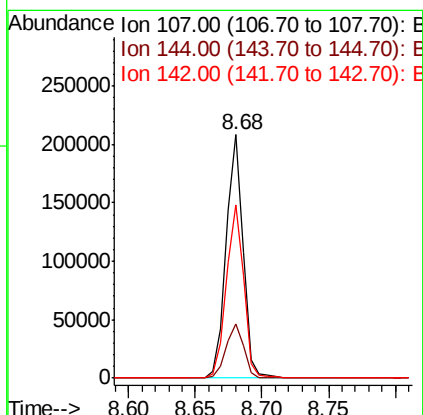
Instrument :
BNA_F
ClientSampleId :

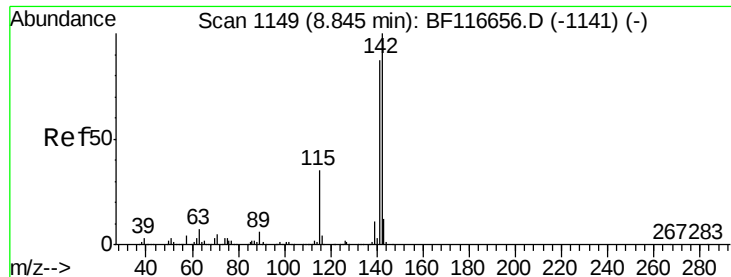
Tot Ion:113 Resp: 34620
Ion Ratio Lower Upper
113 100
55 123.2 124.3 164.3#
56 100.4 94.6 134.6



#36
4-Chloro-3-methylphenol
Concen: 35.895 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion:107 Resp: 188542
Ion Ratio Lower Upper
107 100
144 22.5 18.6 27.8
142 71.3 58.5 87.7

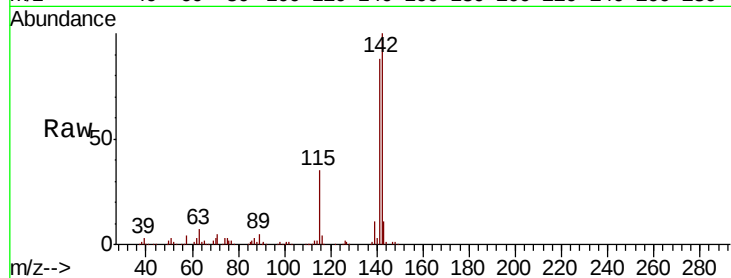




#37
2-Methylnaphthalene
Concen: 34.297 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.6	109.0
115	35.2	29.8	44.6

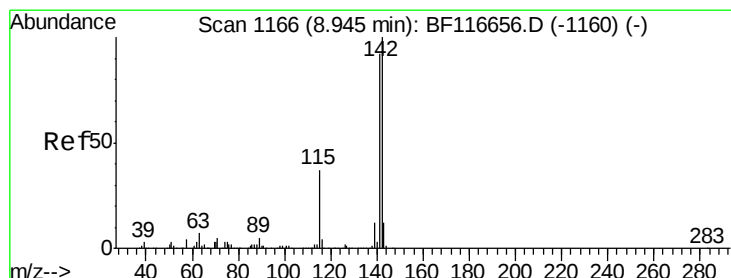
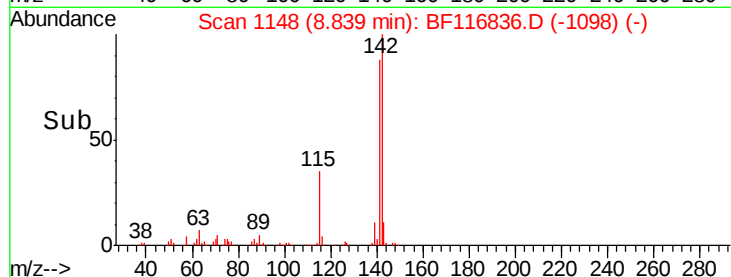
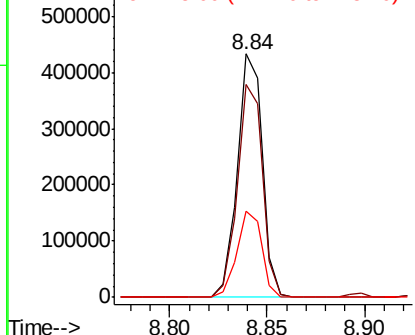


Abundance

Ion 142.00 (141.70 to 142.70): E

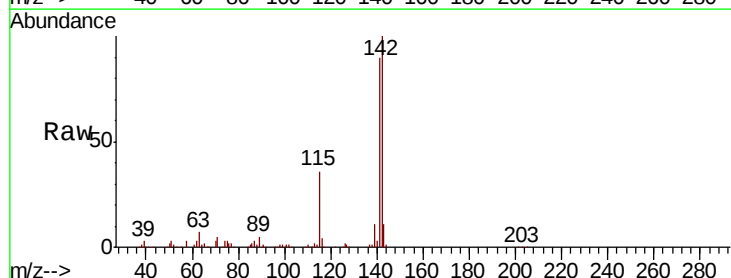
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 34.115 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.9	110.9
116	3.8	3.0	4.6

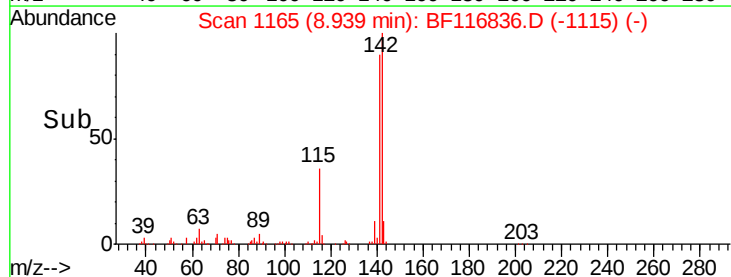
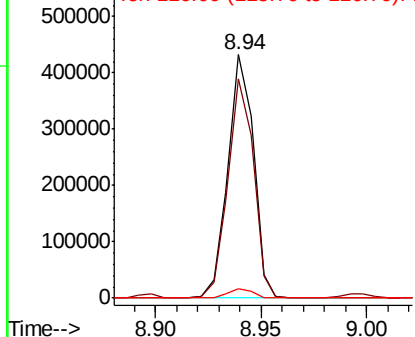


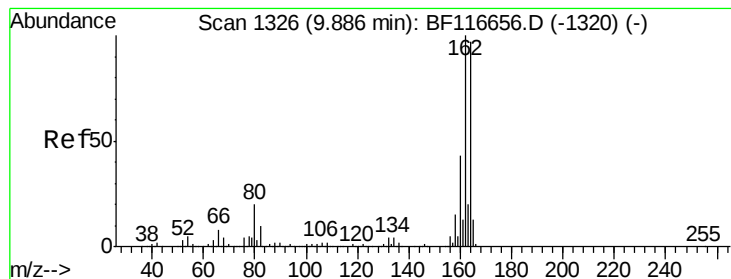
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

ClientSampled :

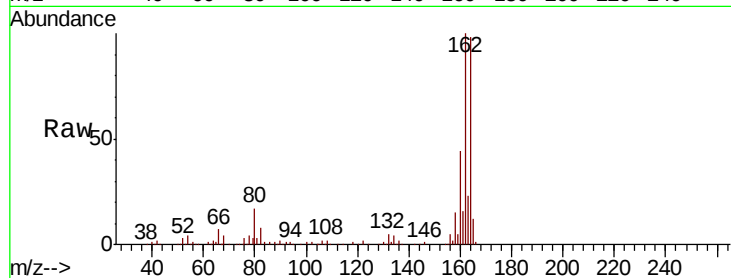
Tot Ion:164 Resp: 185495

Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.0

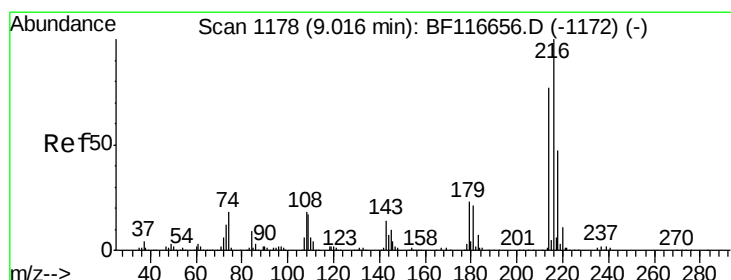
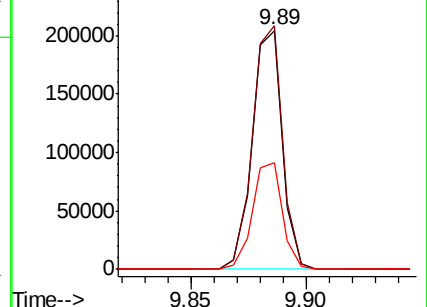
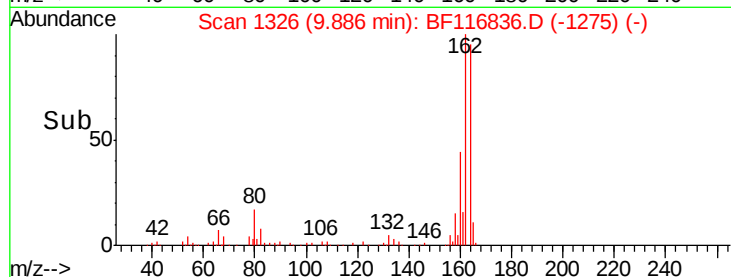
160 44.8 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.786 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Tgt Ion:216 Resp: 150233

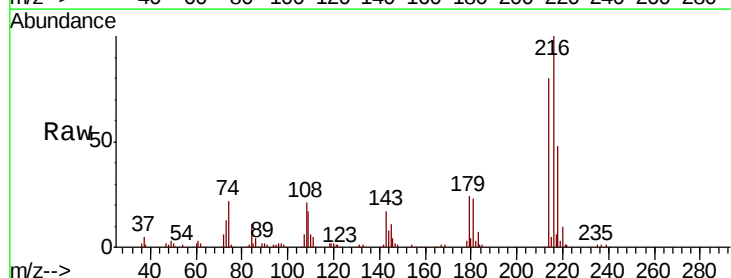
Ion Ratio Lower Upper

216 100

214 79.9 62.7 94.1

179 23.8 19.3 28.9

108 21.9 16.6 25.0

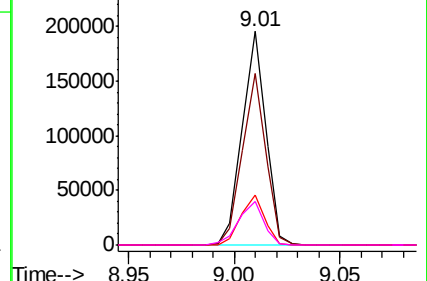
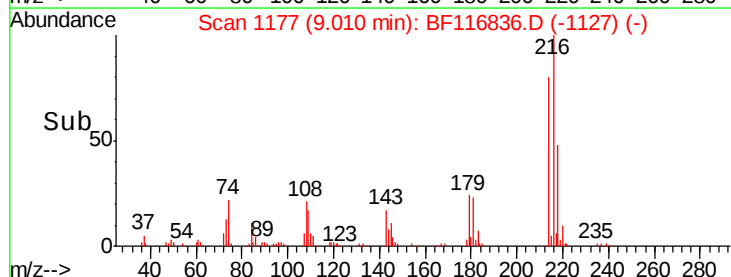


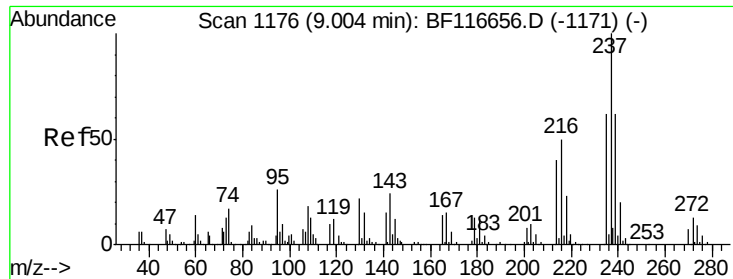
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

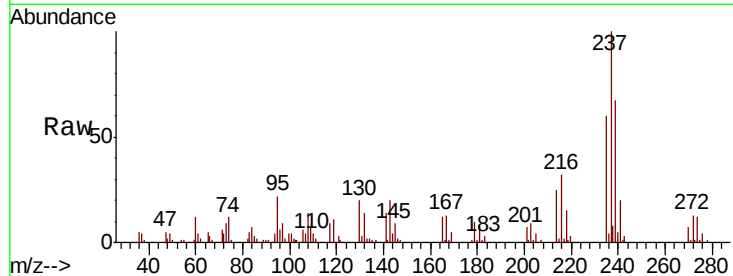




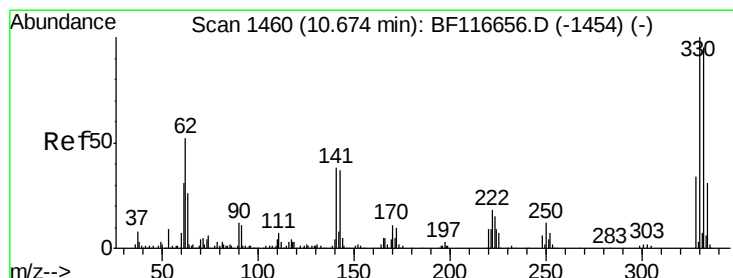
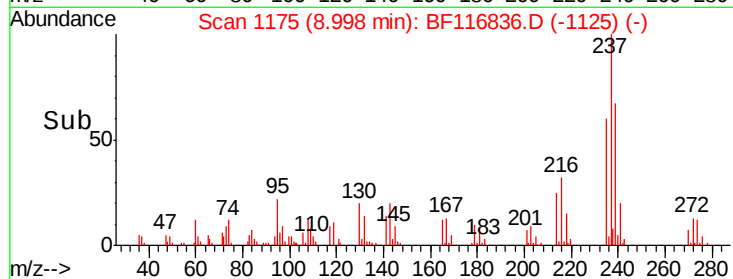
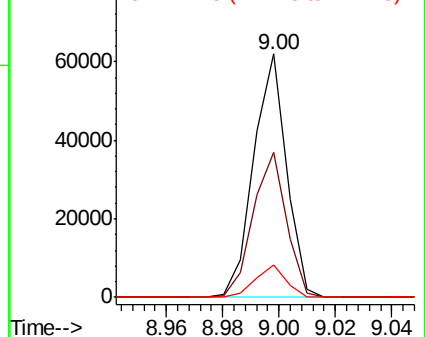
#41
Hexachlorocyclopentadiene
Concen: 19.475 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	59.7	41.4	81.4
272	13.3	0.0	32.8

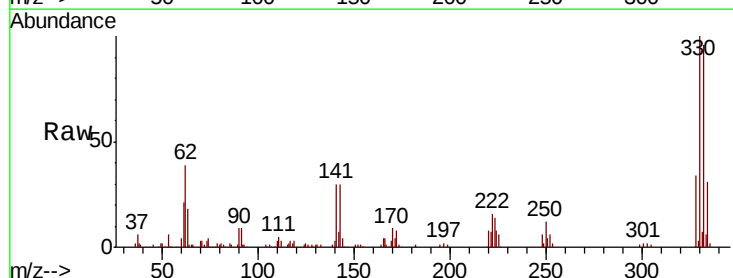


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

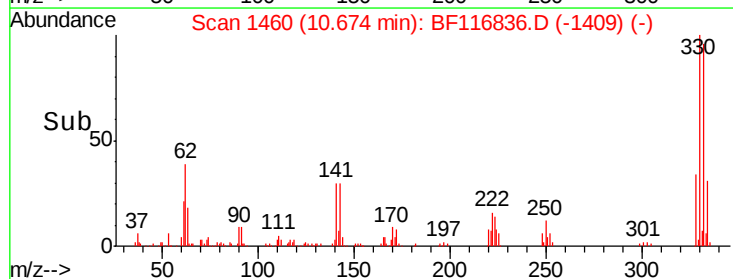
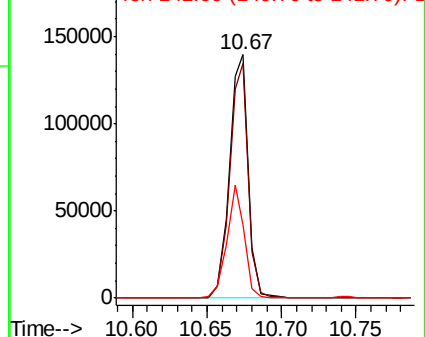


#42
2,4,6-Tribromophenol
Concen: 101.249 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.9	115.3
141	42.7	31.4	47.2



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

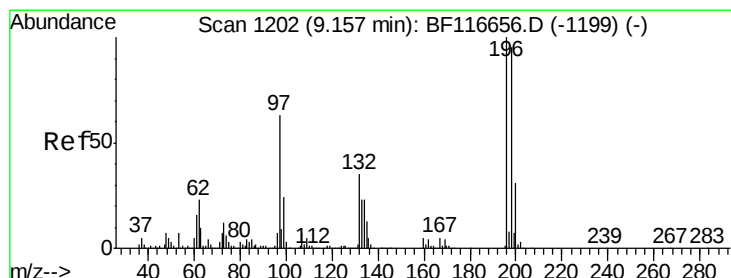
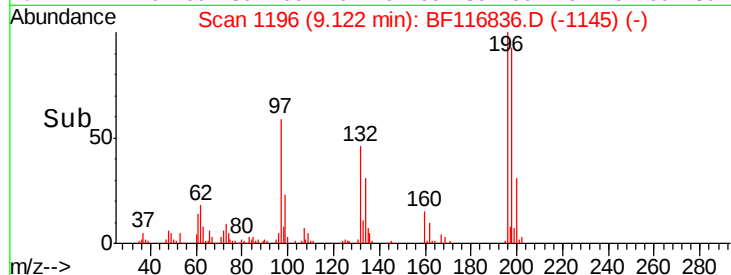
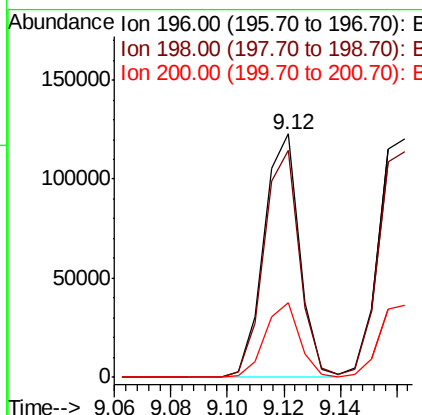
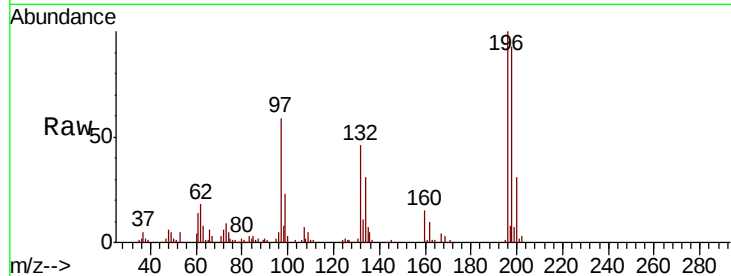




#43
 2,4,6-Trichlorophenol
 Concen: 35.370 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

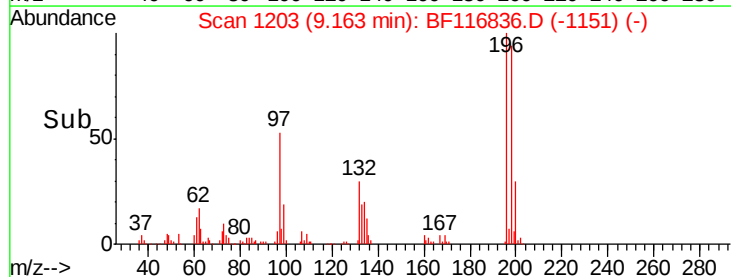
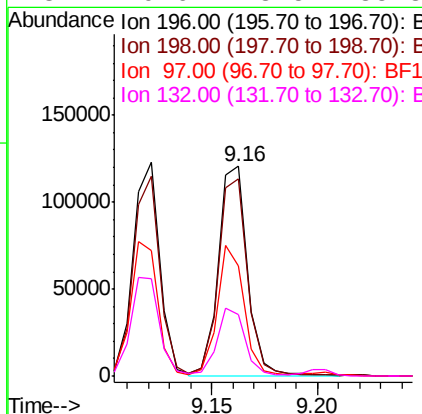
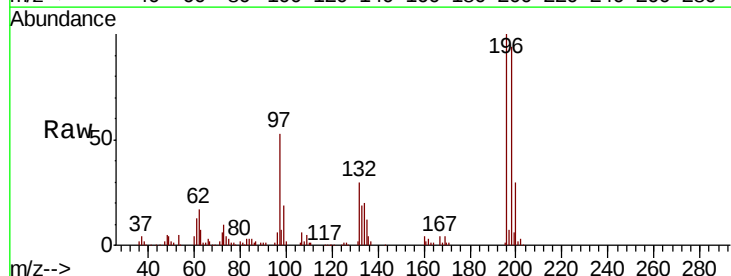
Instrument :
 BNA_F
 ClientSampleId :

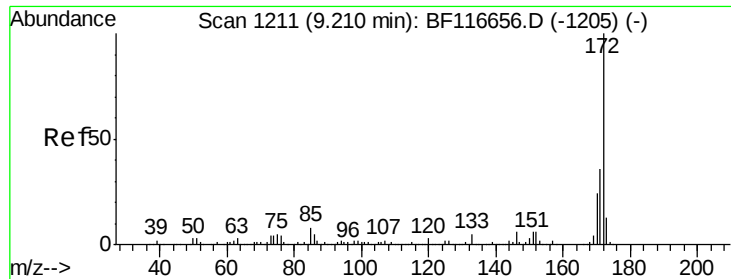
Tot Ion:196 Resp: 107813
 Ion Ratio Lower Upper
 196 100
 198 93.4 79.1 118.7
 200 30.5 24.0 36.0



#44
 2,4,5-Trichlorophenol
 Concen: 36.076 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Tgt Ion:196 Resp: 114163
 Ion Ratio Lower Upper
 196 100
 198 94.3 78.1 117.1
 97 52.7 41.6 62.4
 132 29.6 23.5 35.3

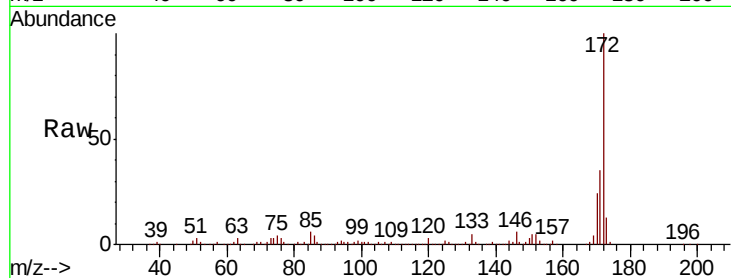




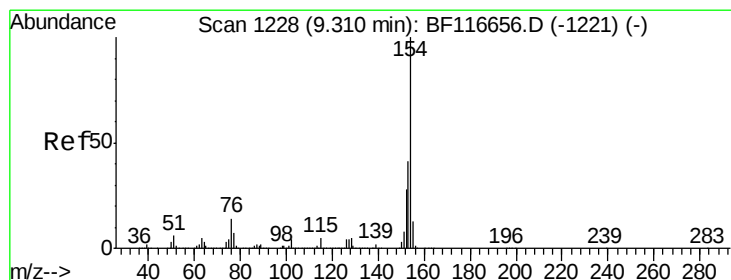
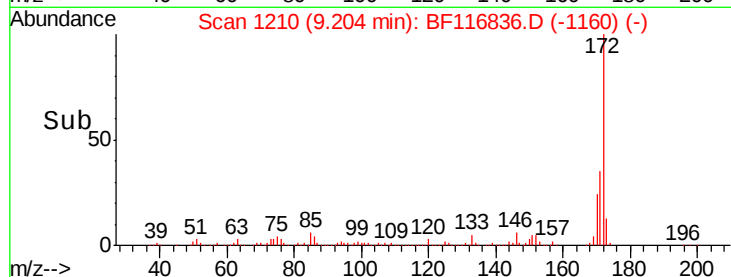
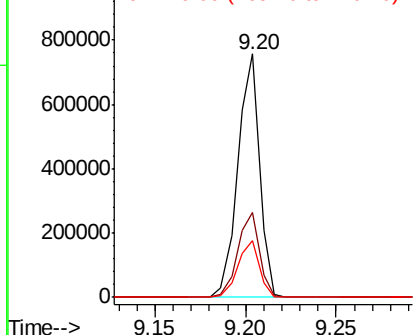
#45
2-Fluorobiphenyl
Concen: 57.267 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 629718
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.5 18.9 28.3

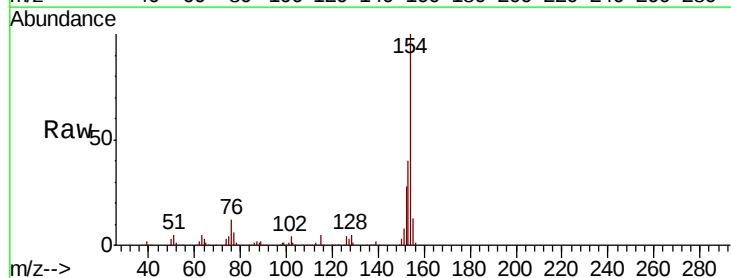


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

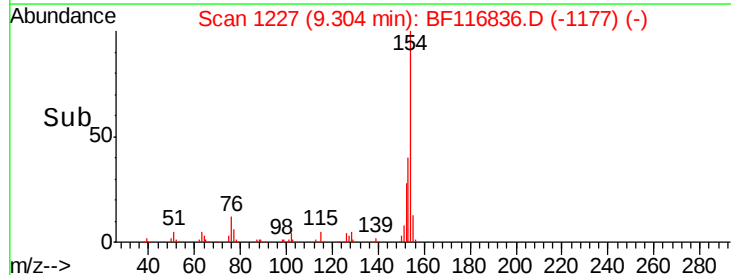
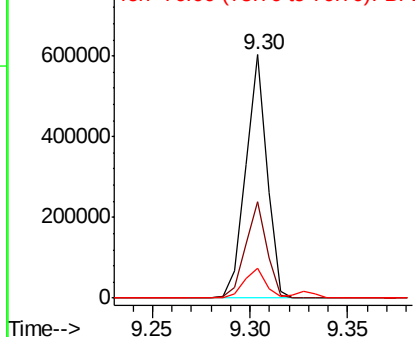


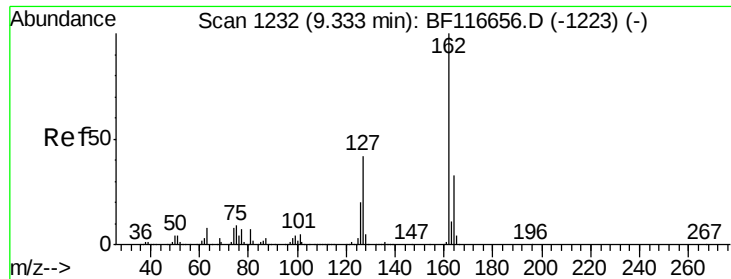
#46
1,1'-Biphenyl
Concen: 32.293 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion:154 Resp: 454548
Ion Ratio Lower Upper
154 100
153 39.8 21.2 61.2
76 12.1 0.0 30.9



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

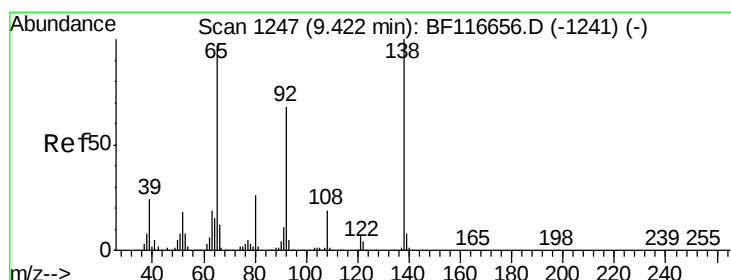
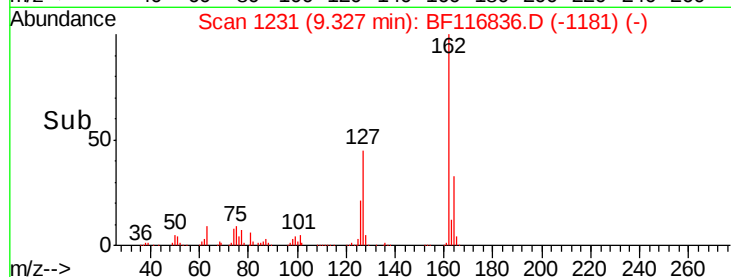
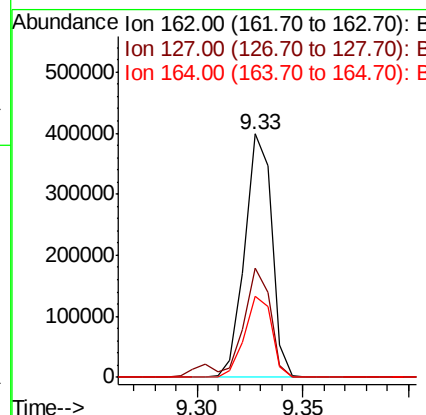
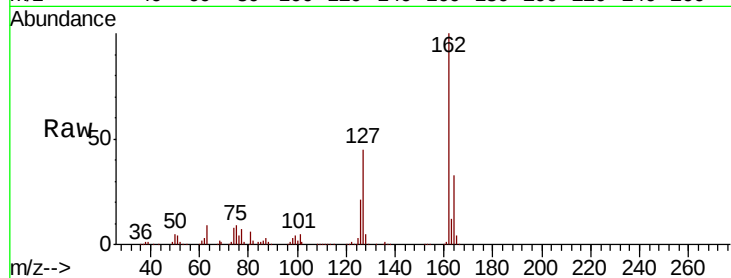




#47
2-Chloronaphthalene
Concen: 31.821 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

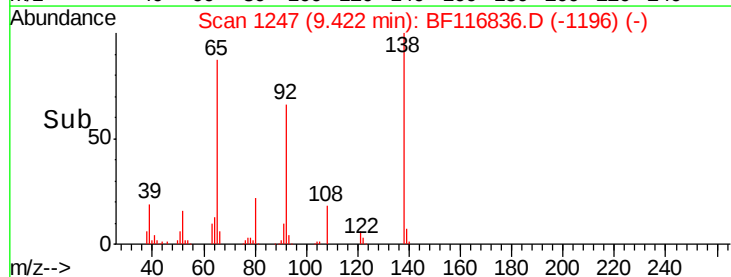
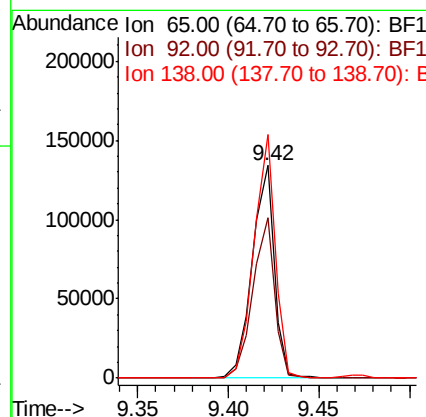
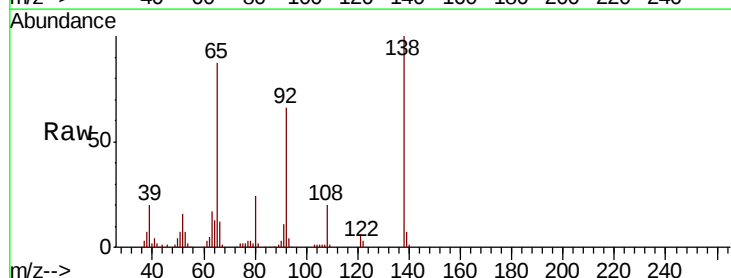
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	45.1	33.4	50.2
164	33.5	26.6	39.8



#48
2-Nitroaniline
Concen: 35.299 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.3	57.1	85.7
138	114.6	88.2	132.2





#49

Acenaphthylene

Concen: 33.772 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

ClientSampleId :

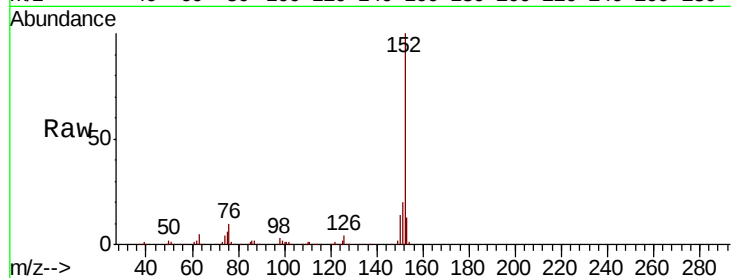
Tot Ion:152 Resp: 569141

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

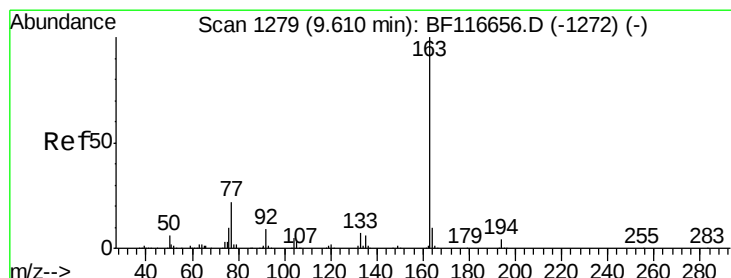
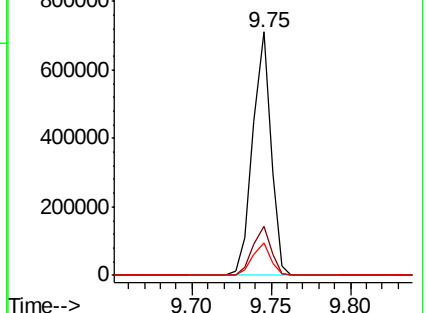
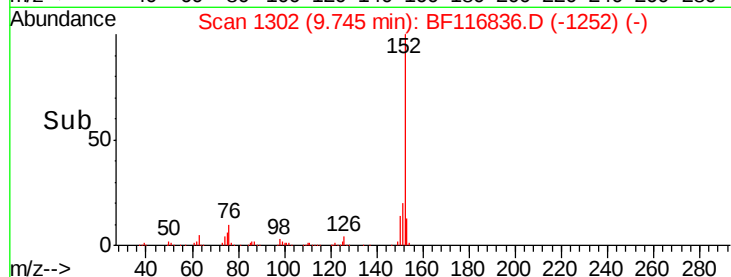
153 13.3 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.391 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

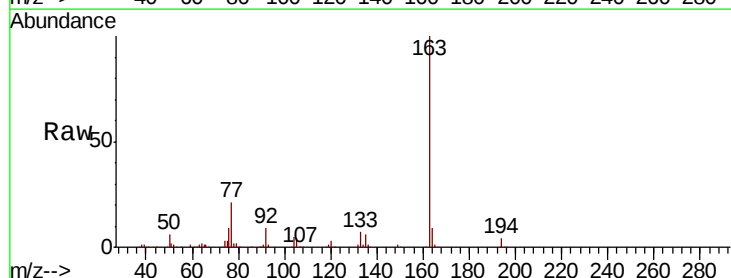
Tgt Ion:163 Resp: 478844

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

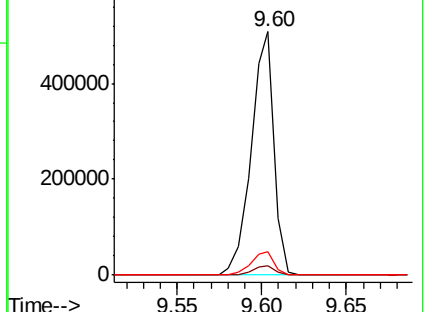
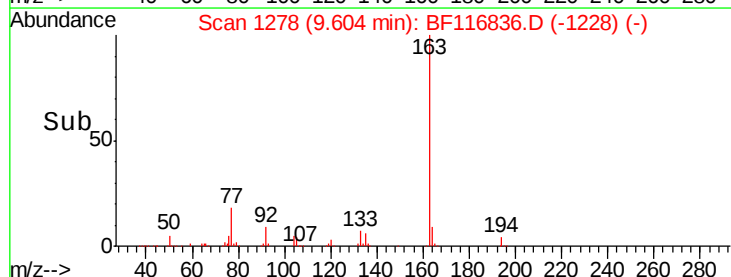
164 9.4 8.6 12.8

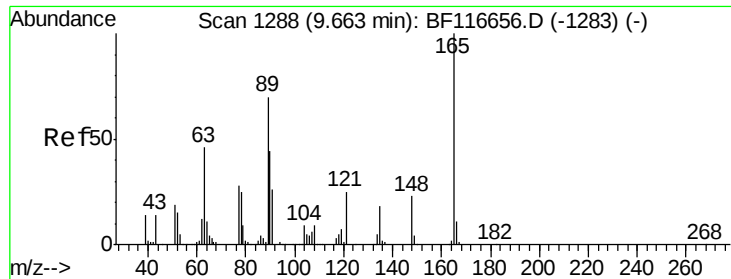


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 34.497 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

ClientSampleId :

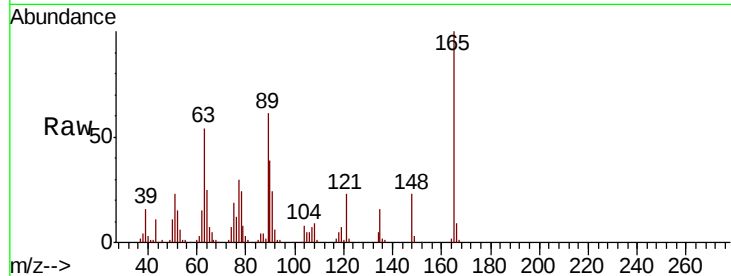
Tot Ion:165 Resp: 84290

Ion Ratio Lower Upper

165 100

63 53.6 47.3 70.9

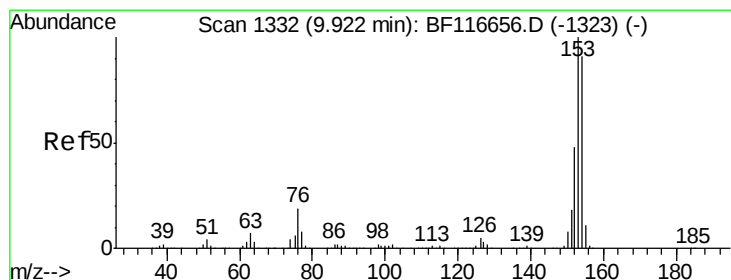
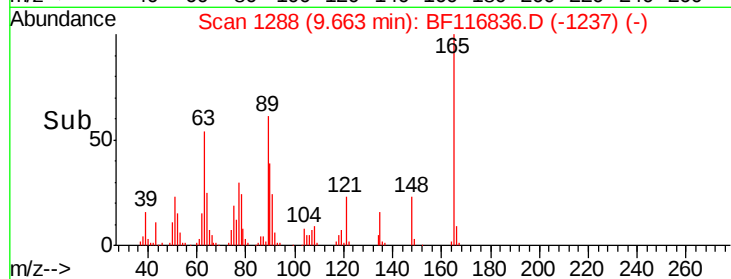
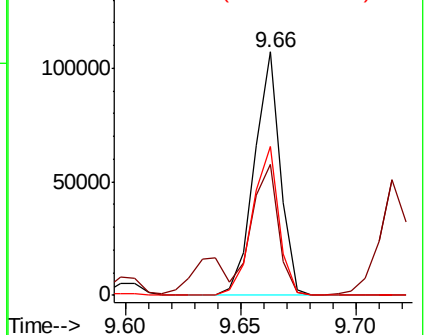
89 61.3 52.5 78.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 32.463 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

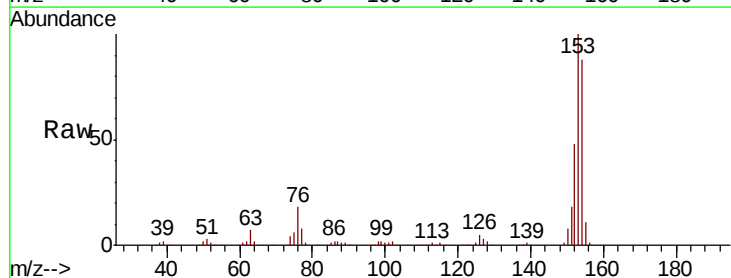
Tgt Ion:154 Resp: 336145

Ion Ratio Lower Upper

154 100

153 113.6 89.5 134.3

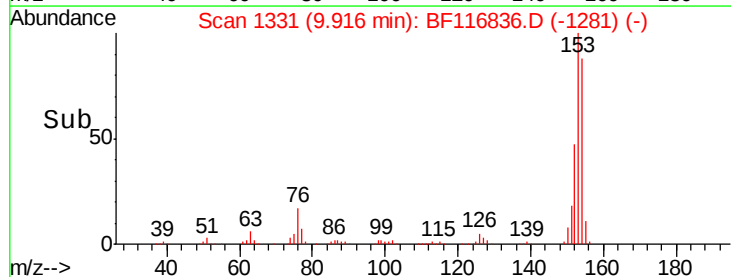
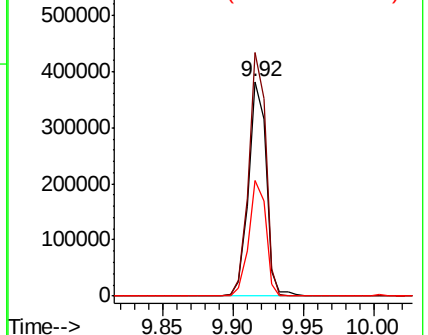
152 54.1 41.9 62.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

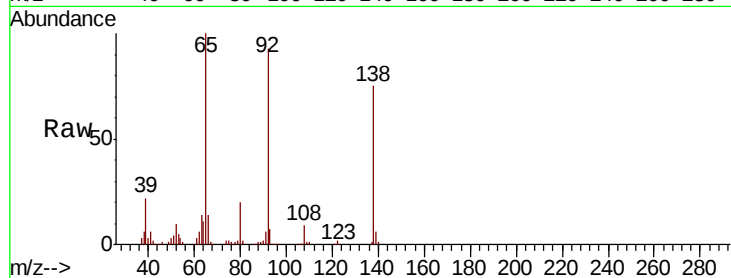




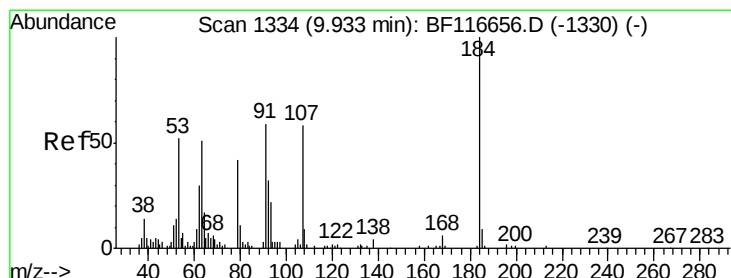
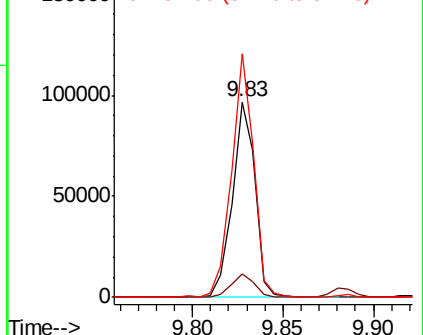
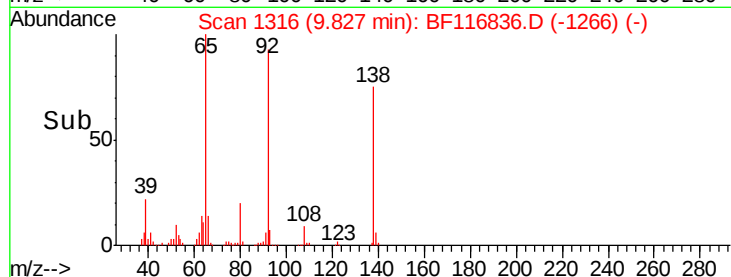
#53
3-Nitroaniline
Concen: 27.522 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 84273
Ion Ratio Lower Upper
138 100
108 11.8 8.5 12.7
92 124.6 87.2 130.8

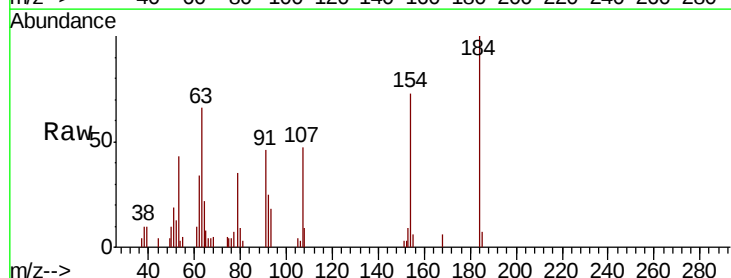


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

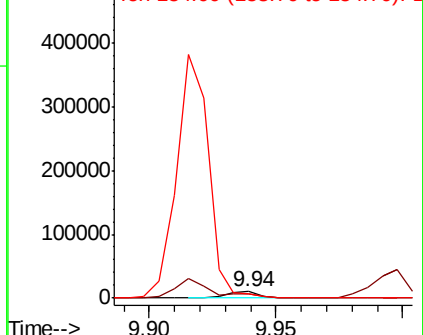
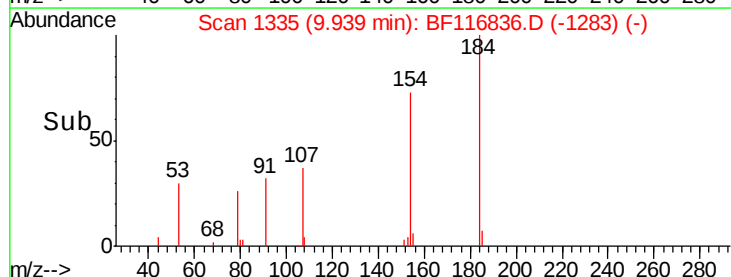


#54
2,4-Dinitrophenol
Concen: 18.942 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion:184 Resp: 9678
Ion Ratio Lower Upper
184 100
63 65.8 52.2 78.2
154 73.3 60.8 91.2



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

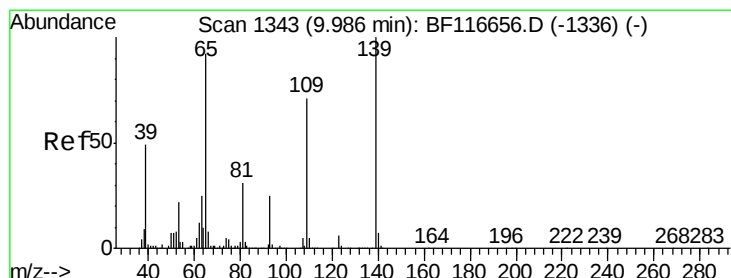
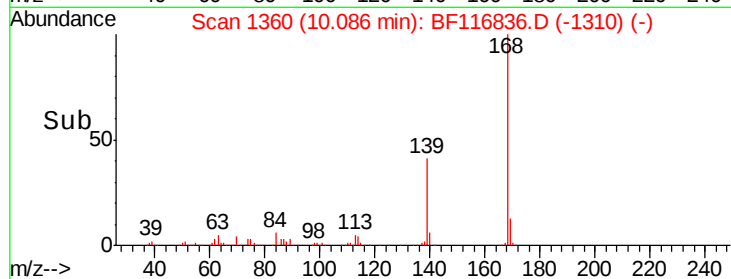
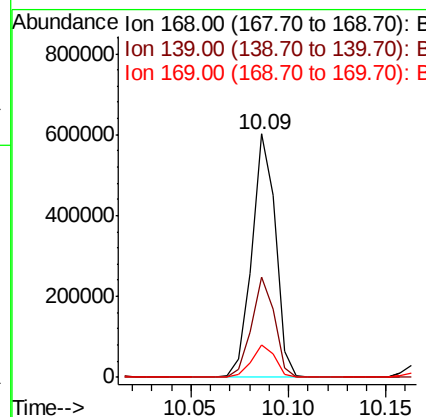
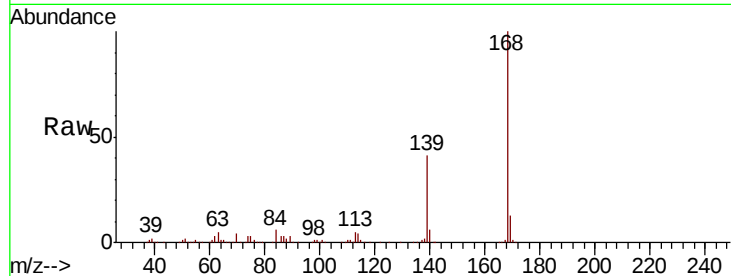




#55
Dibenzofuran
Concen: 34.512 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

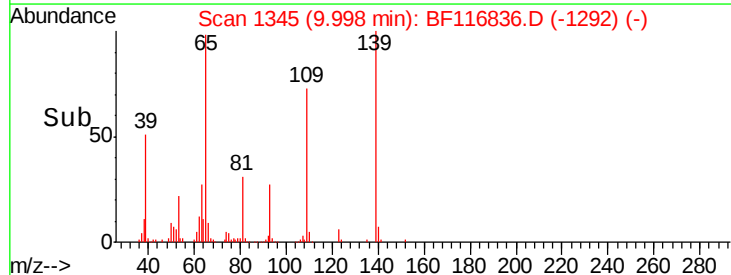
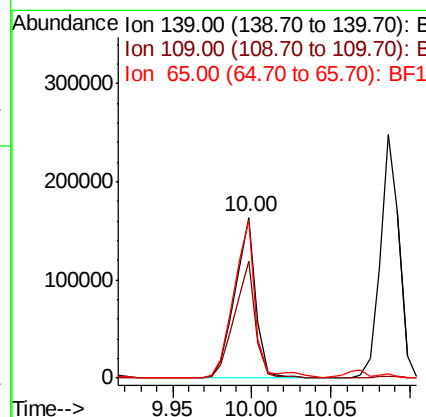
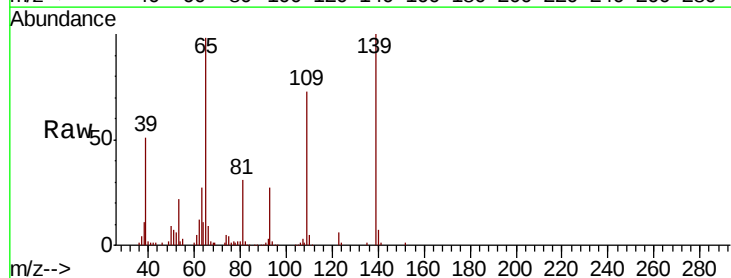
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	31.5	47.3
169	13.1	10.3	15.5



#56
4-Nitrophenol
Concen: 72.379 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.0	61.7	101.7
65	98.0	89.1	129.1





#57

2,4-Dinitrotoluene

Concen: 36.805 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 109962

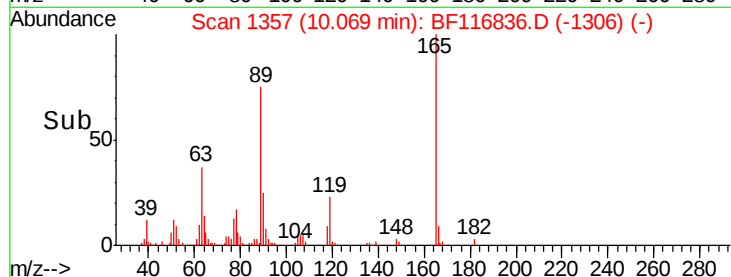
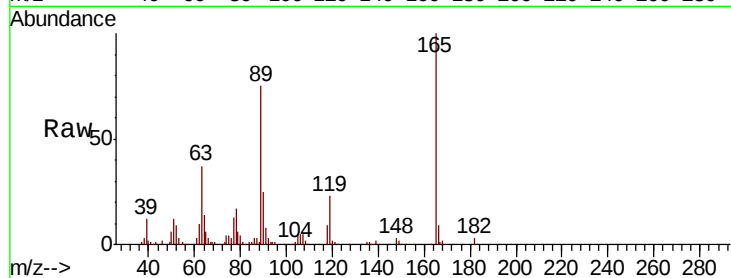
Ion Ratio Lower Upper

165 100

63 37.2 36.4 54.6

89 75.3 62.6 94.0

182 2.6 2.1 3.1

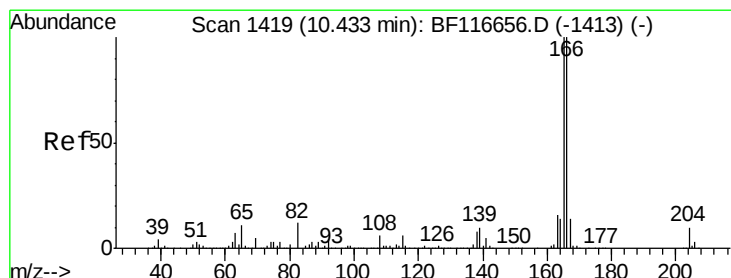
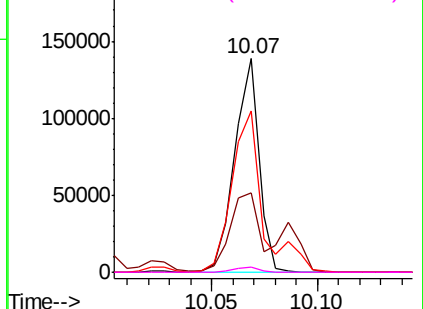


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 36.055 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

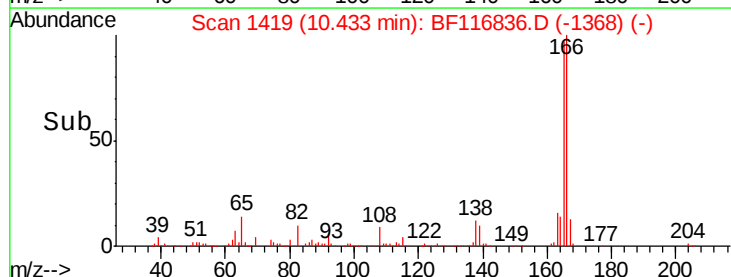
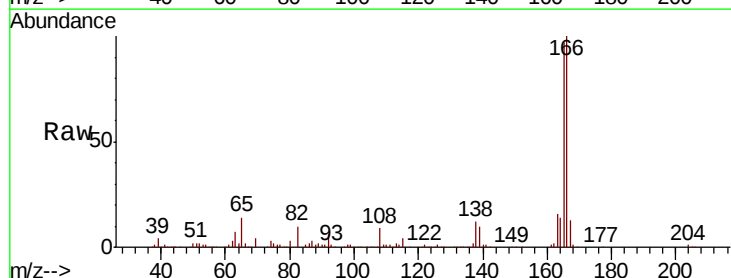
Tgt Ion:166 Resp: 401013

Ion Ratio Lower Upper

166 100

165 97.4 78.8 118.2

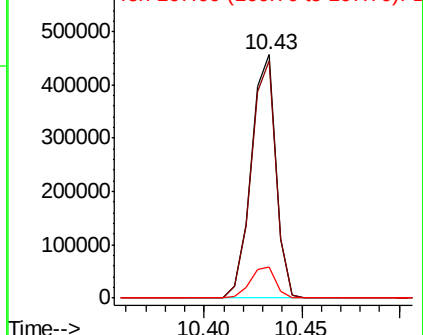
167 12.8 10.0 15.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

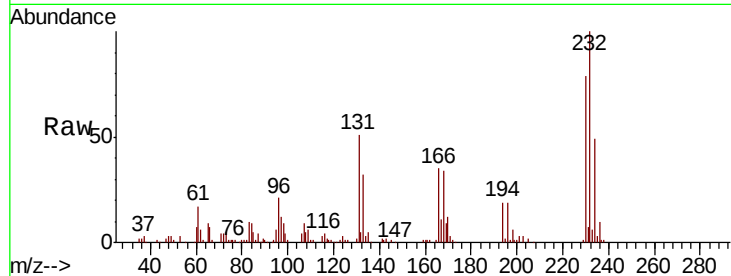




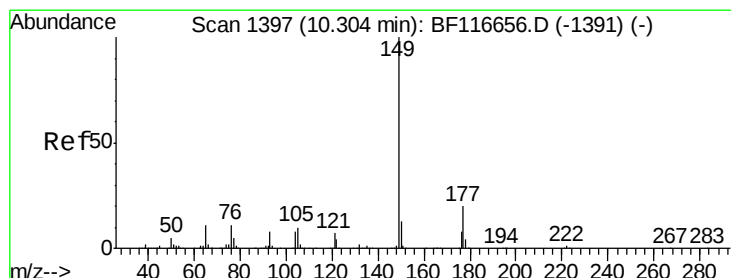
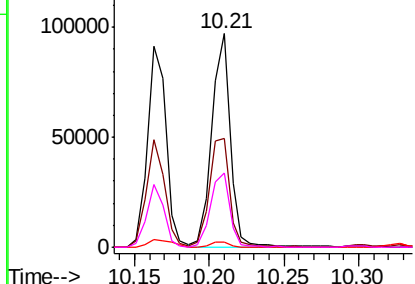
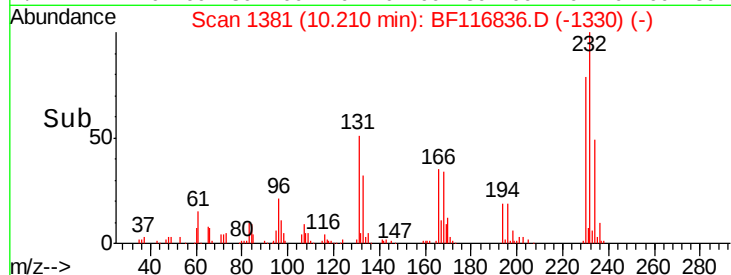
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.015 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	55.5	42.7	64.1
130	2.4	1.9	2.9
166	35.9	27.4	41.2

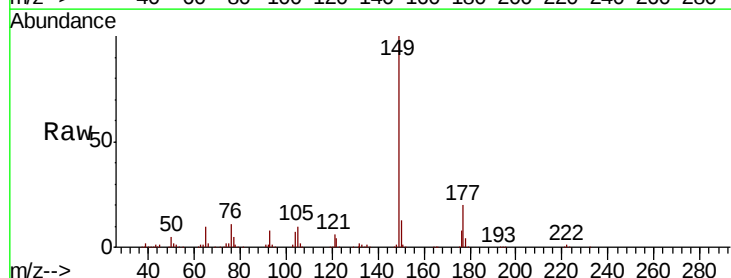


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

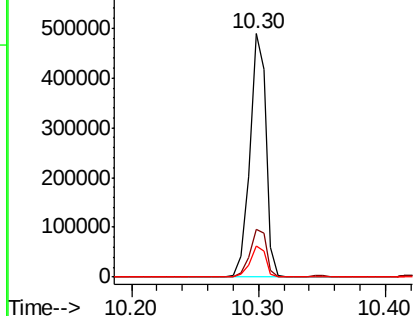
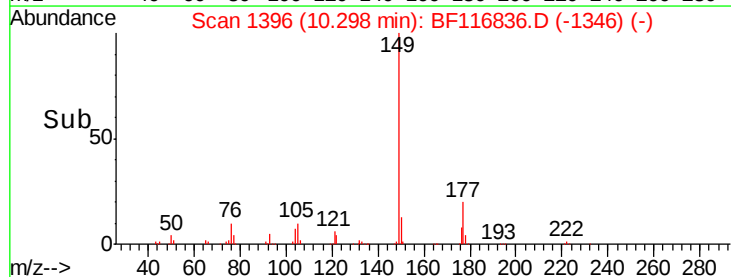


#60
Diethylphthalate
Concen: 33.626 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.7	17.2	25.8
150	12.6	9.7	14.5



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





#61

4-Chlorophenyl-phenylether

Concen: 35.133 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

ClientSampled :

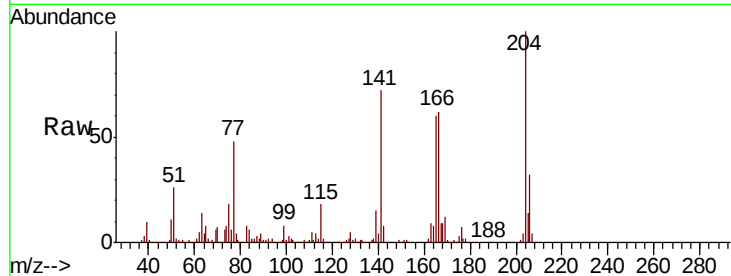
Tot Ion:204 Resp: 171114

Ion Ratio Lower Upper

204 100

206 31.7 25.4 38.2

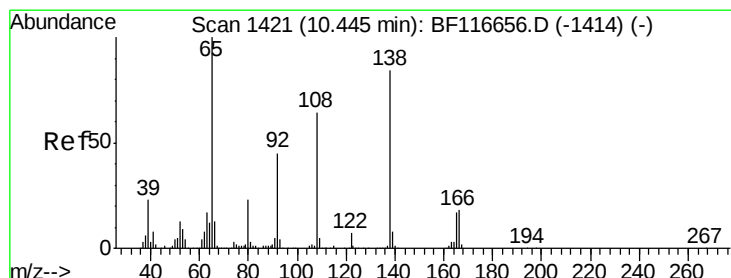
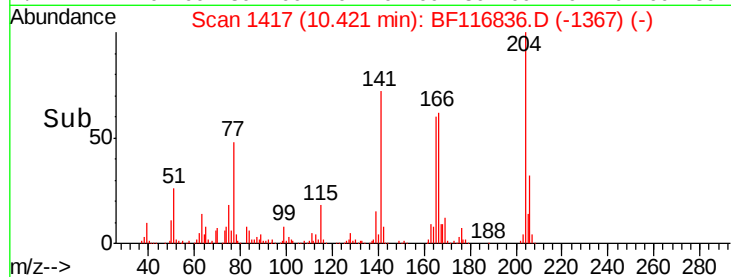
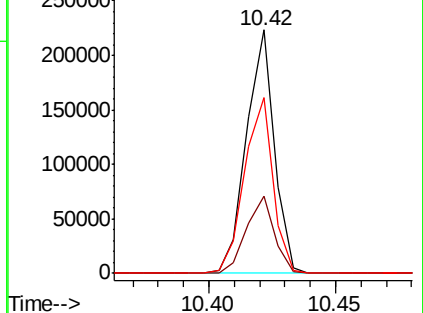
141 72.2 53.8 80.8



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 35.086 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

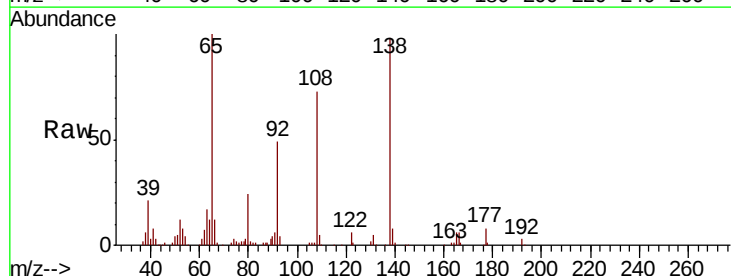
Tgt Ion:138 Resp: 104261

Ion Ratio Lower Upper

138 100

92 49.5 28.7 68.7

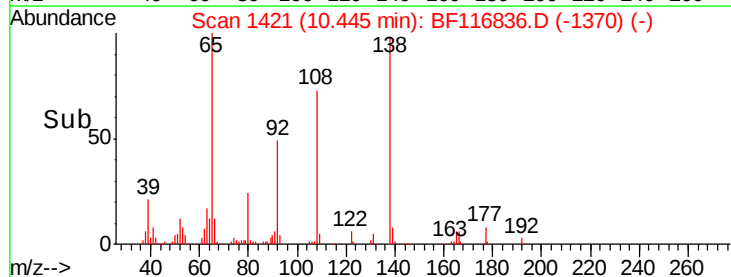
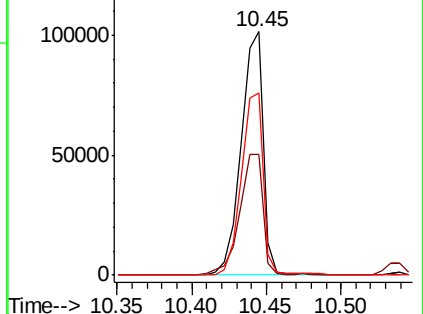
108 74.7 60.4 100.4

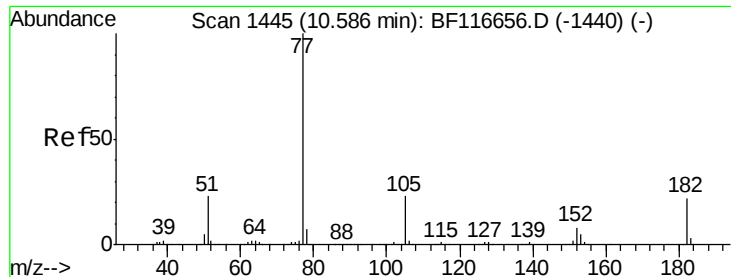


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 32.682 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 437161

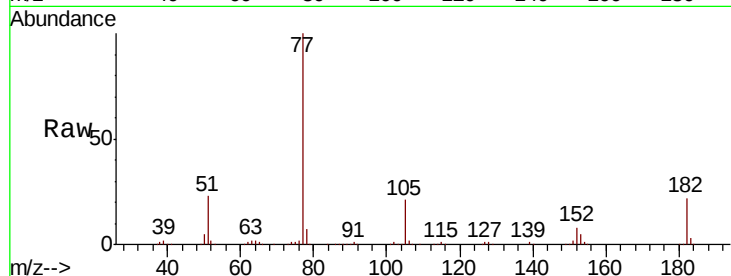
Ion Ratio Lower Upper

77 100

182 21.8 1.2 41.2

105 21.4 0.6 40.6

51 23.0 8.2 48.2

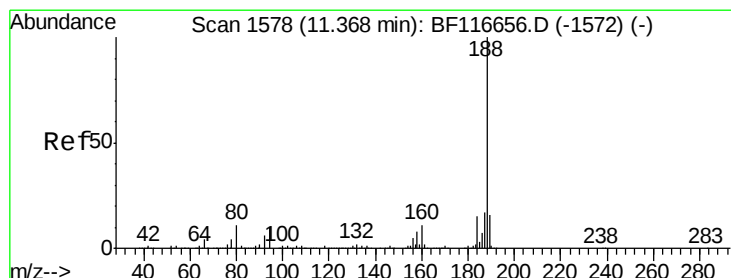
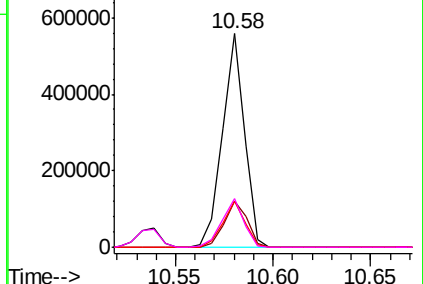
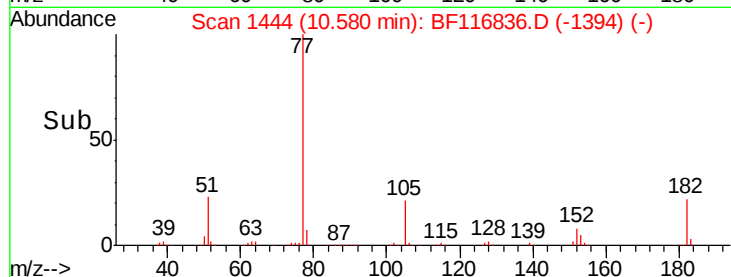


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

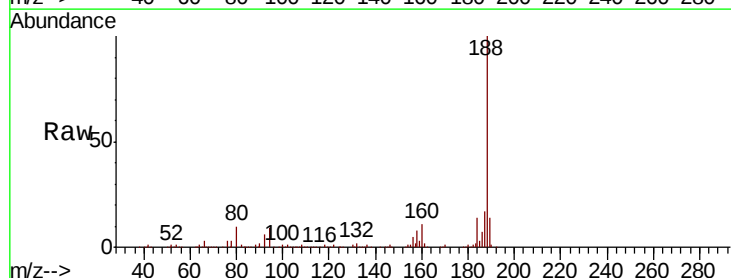
Tgt Ion: 188 Resp: 300963

Ion Ratio Lower Upper

188 100

94 8.8 7.3 10.9

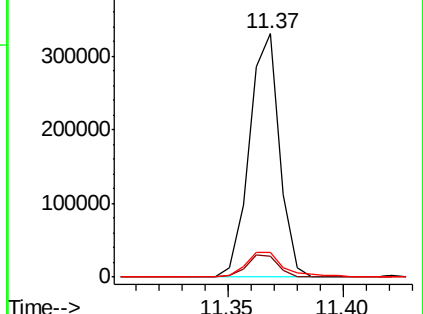
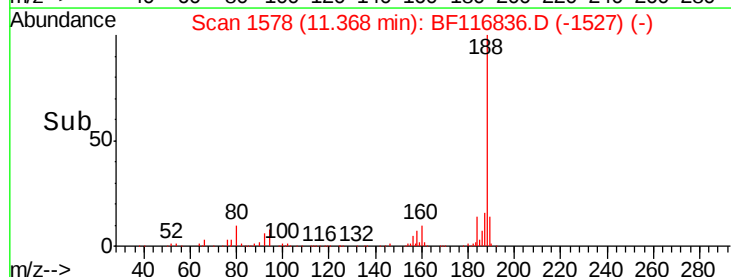
80 10.0 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

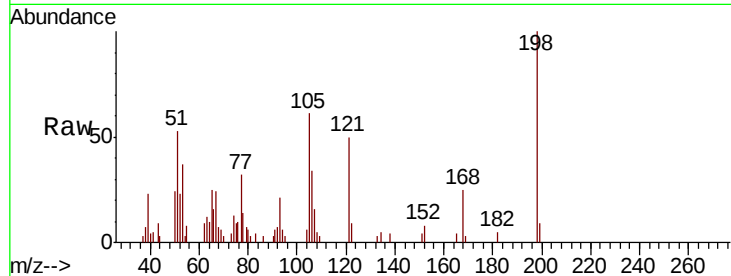




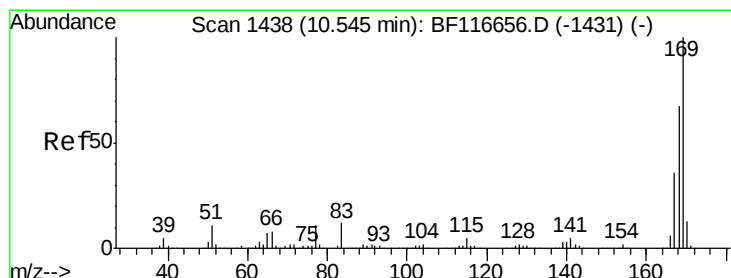
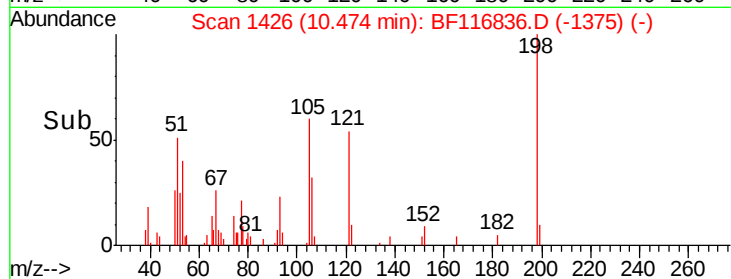
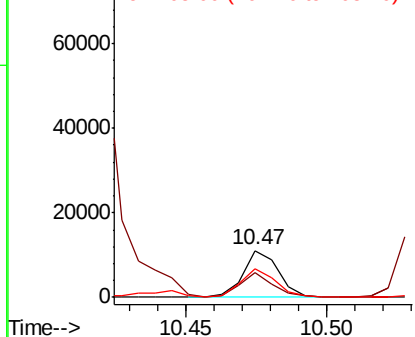
#65
4,6-Dinitro-2-methylphenol
Concen: 14.730 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 9551
Ion Ratio Lower Upper
198 100
51 53.1 18.4 58.4
105 60.5 22.9 62.9

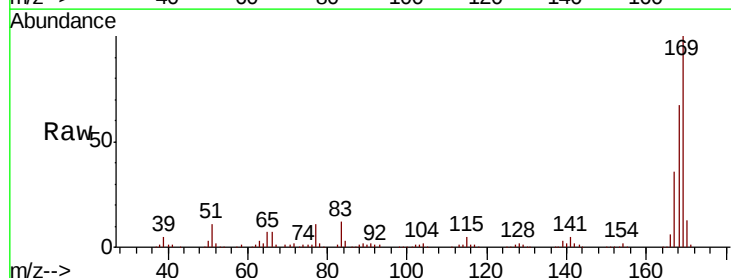


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

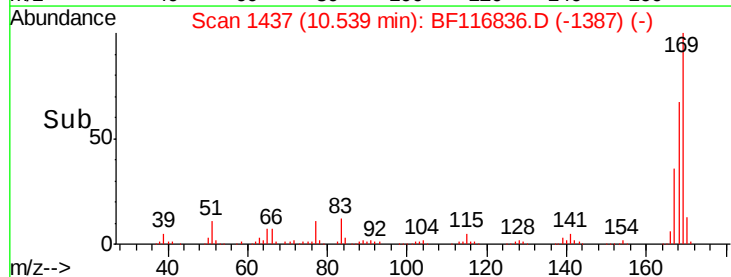
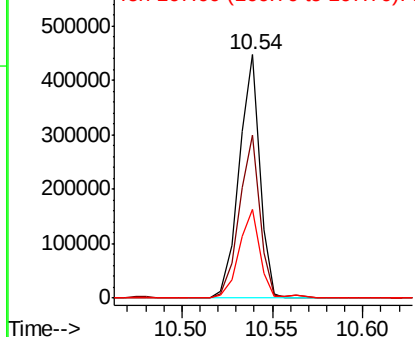


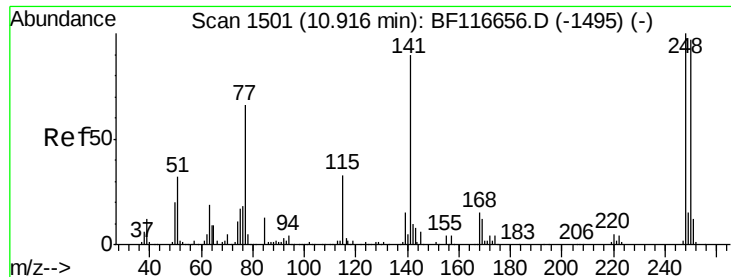
#66
n-Nitrosodiphenylamine
Concen: 33.910 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion:169 Resp: 353044
Ion Ratio Lower Upper
169 100
168 66.8 55.8 83.6
167 36.5 29.4 44.2



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

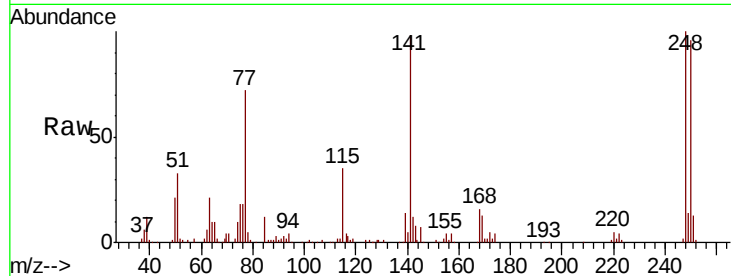




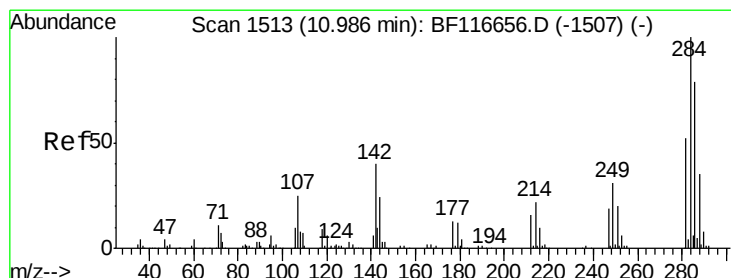
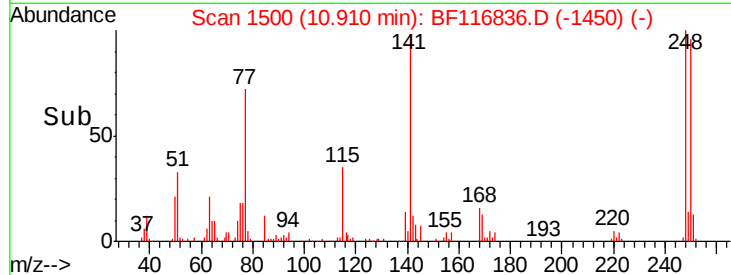
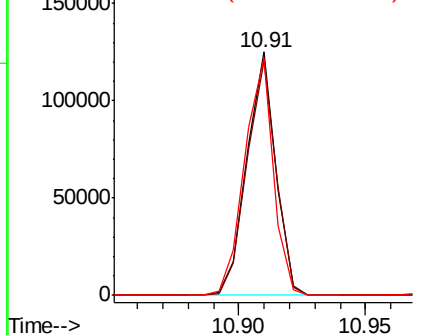
#67
 4-Bromophenyl-phenylether
 Concen: 32.405 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 99074
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.8 116.8
 141 97.6 75.9 113.9

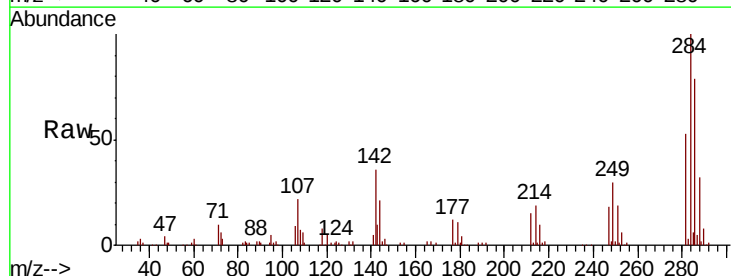


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

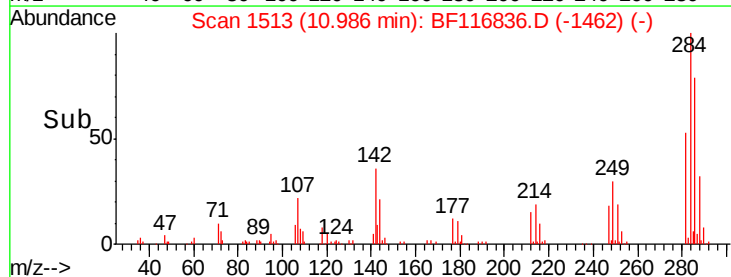
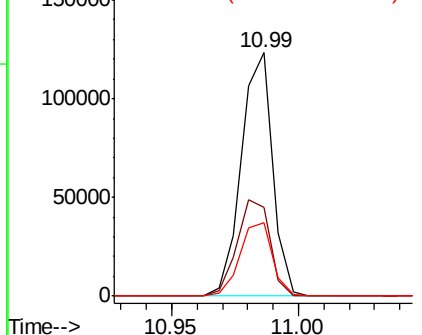


#68
 Hexachlorobenzene
 Concen: 32.978 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Tgt Ion:284 Resp: 105491
 Ion Ratio Lower Upper
 284 100
 142 36.4 34.0 51.0
 249 30.1 26.4 39.6



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





#69

Atrazine

Concen: 32.576 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

ClientSampleId :

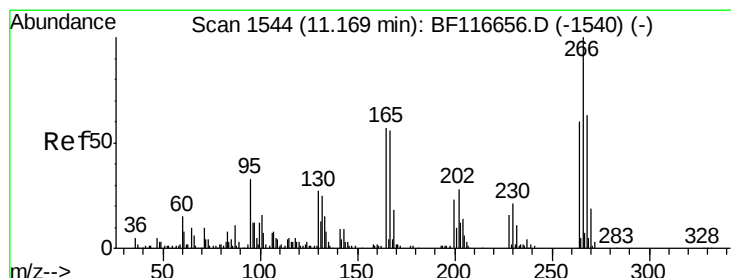
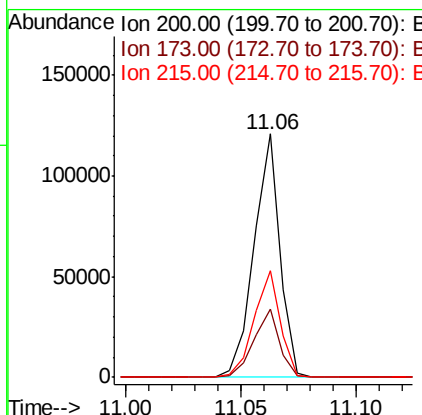
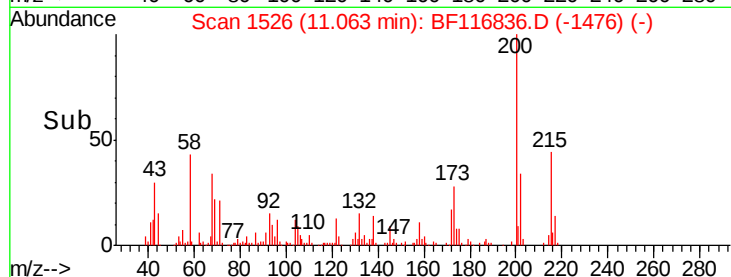
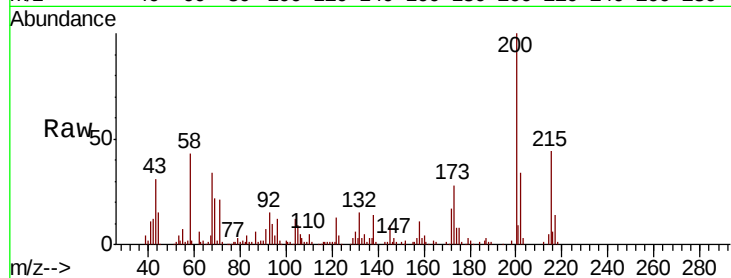
Tot Ion:200 Resp: 94991

Ion Ratio Lower Upper

200 100

173 28.1 6.2 46.2

215 43.7 24.3 64.3



#70

Pentachlorophenol

Concen: 68.176 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

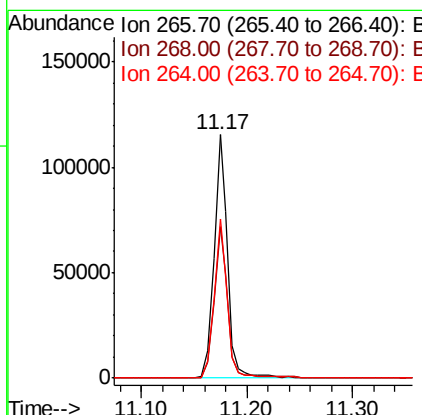
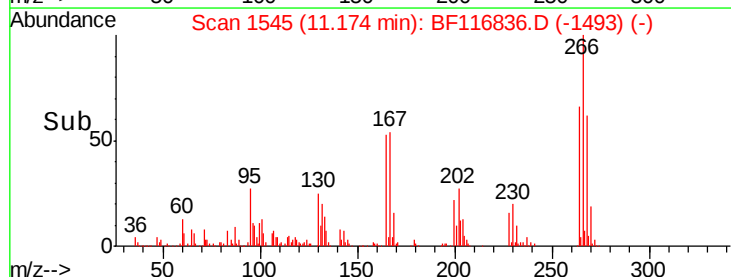
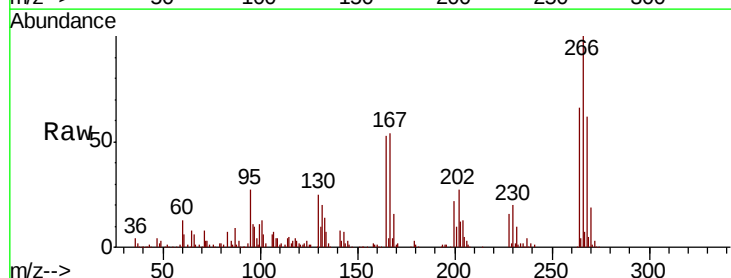
Tgt Ion:266 Resp: 105497

Ion Ratio Lower Upper

266 100

268 62.0 51.2 76.8

264 65.6 51.9 77.9

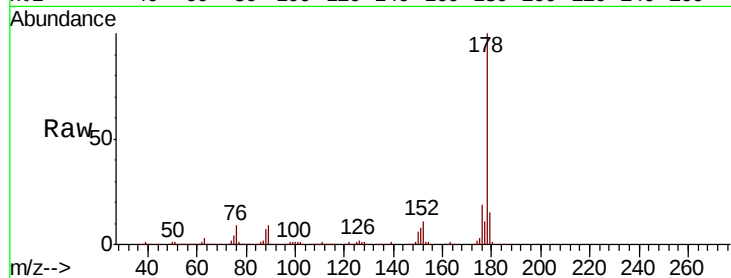




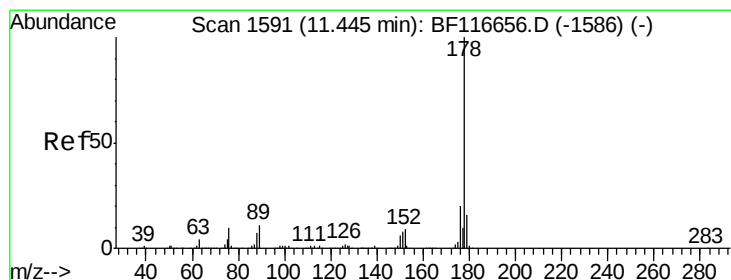
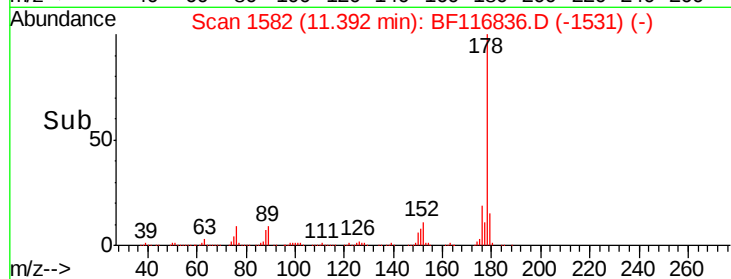
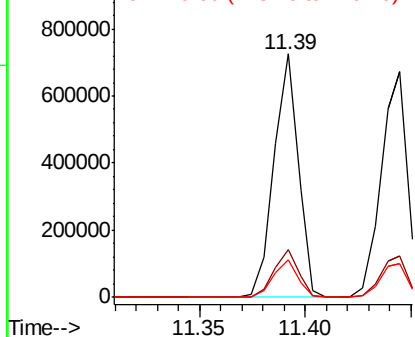
#71
Phenanthrene
Concen: 35.029 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 586860
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.3 12.2 18.2

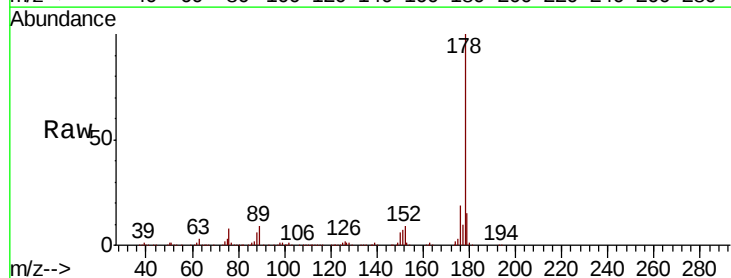


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

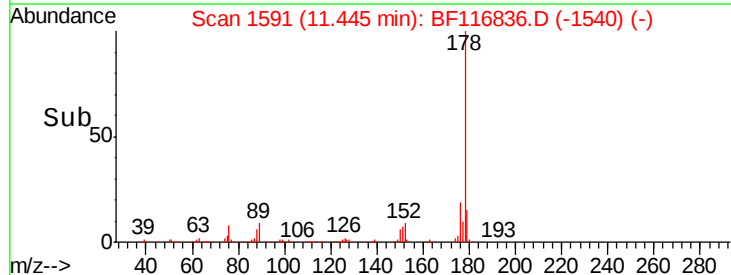
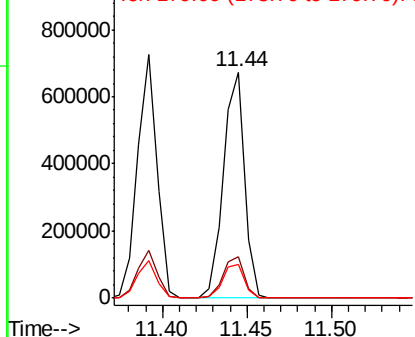


#72
Anthracene
Concen: 34.719 ng
RT: 11.44 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion:178 Resp: 585533
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.1 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

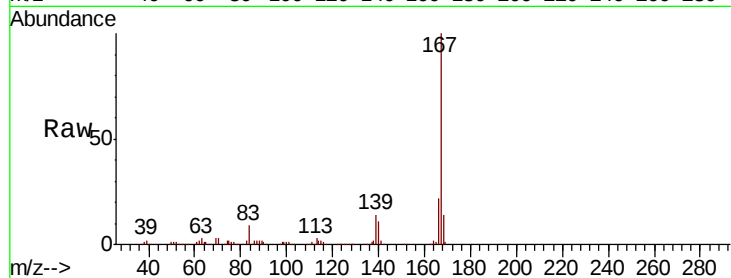




#73
 Carbazole
 Concen: 34.106 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.6
139	14.2	11.1	16.7

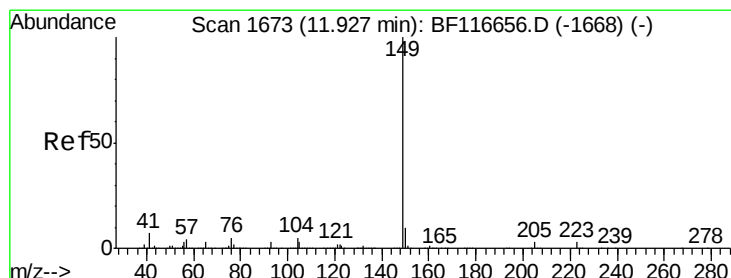
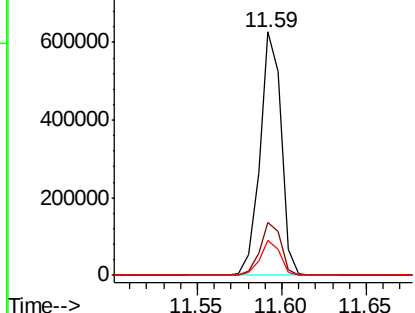
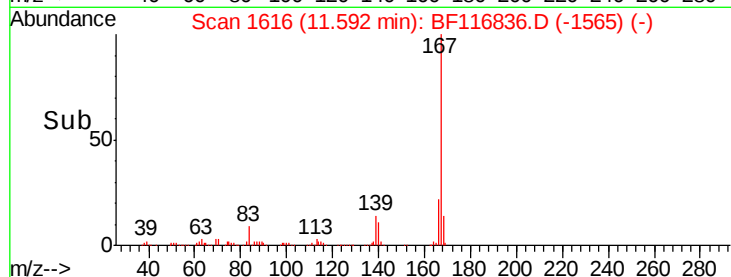


Abundance

Ion 167.00 (166.70 to 167.70): E

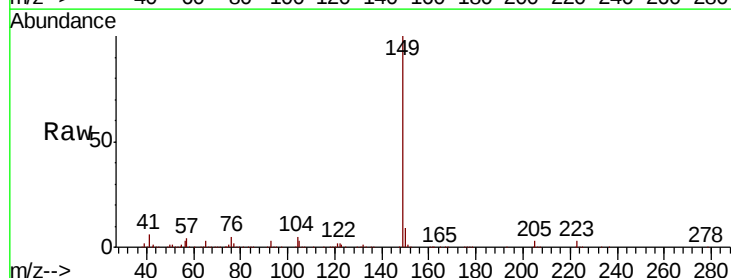
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 34.110 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.2	4.2	6.2

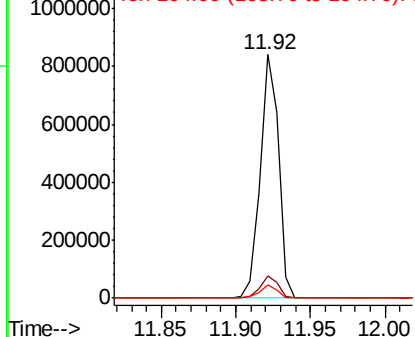
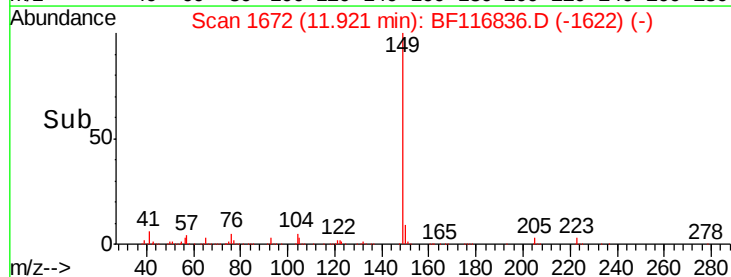


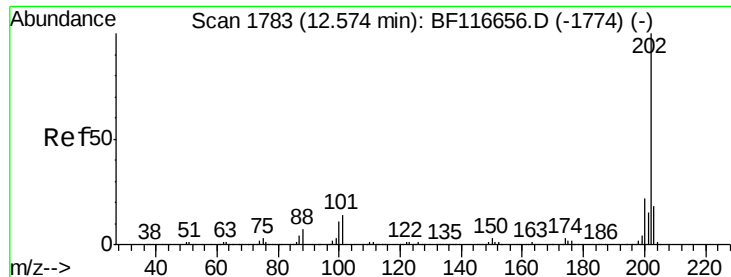
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.931 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Instrument :

BNA_F

ClientSampleId :

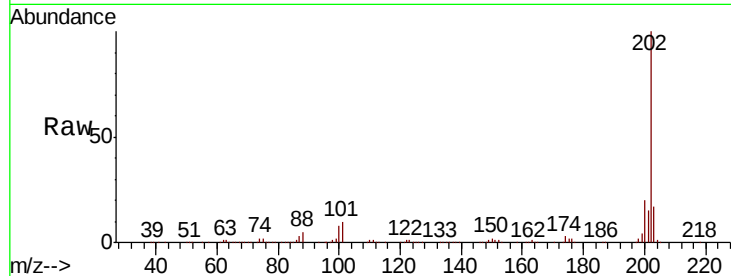
Tot Ion:202 Resp: 608046

Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.3

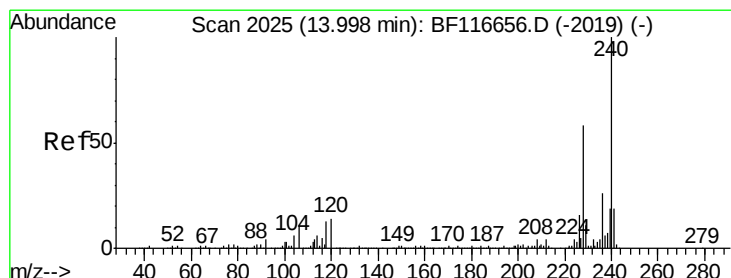
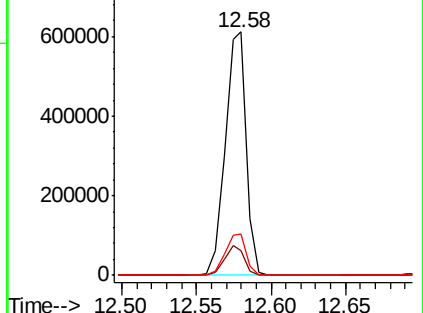
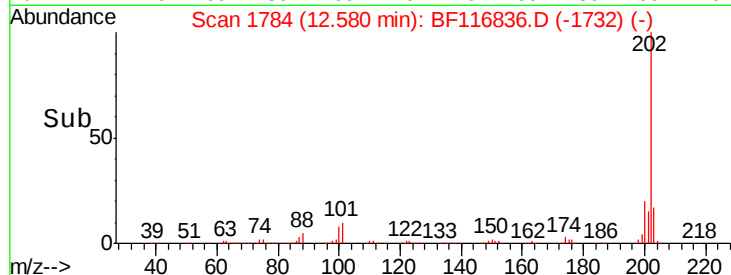
203 17.2 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

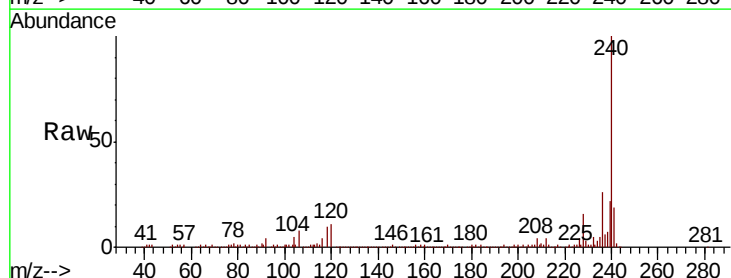
Tgt Ion:240 Resp: 219176

Ion Ratio Lower Upper

240 100

120 11.1 9.1 13.7

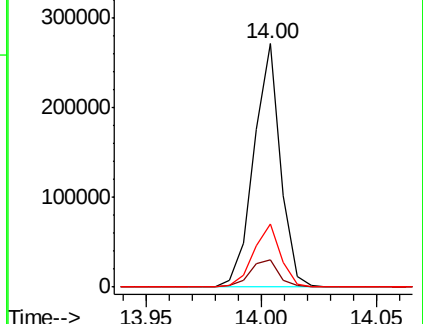
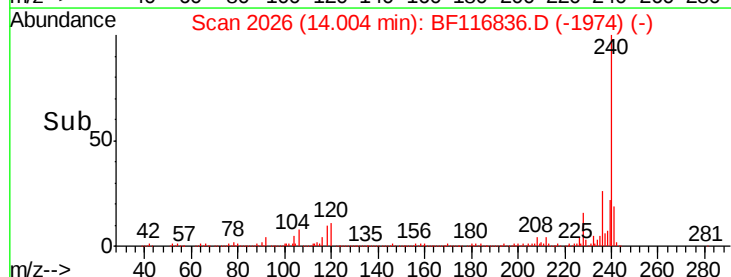
236 26.1 21.1 31.7

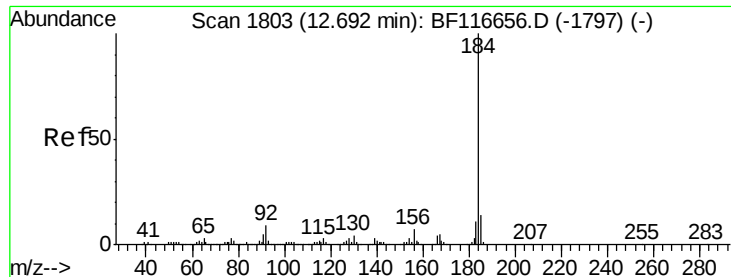


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.716 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

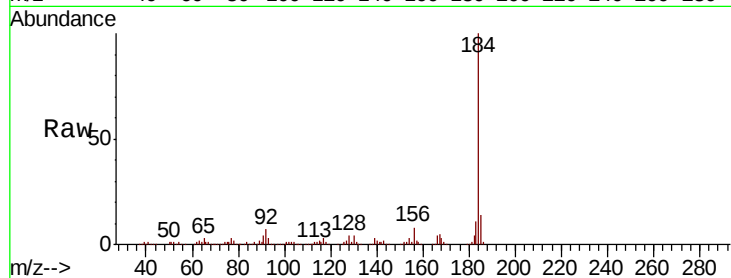
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 453177

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.3	16.9
183	11.5	9.2	13.8

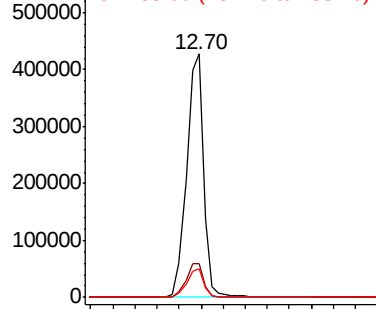


Abundance

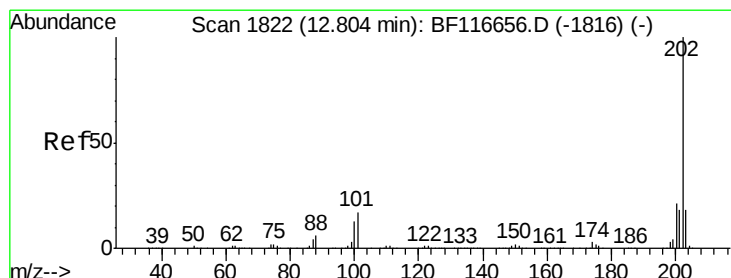
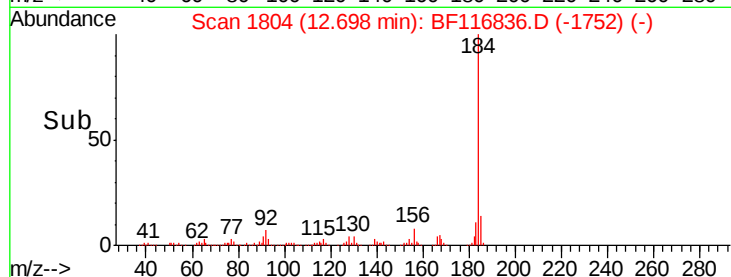
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 30.702 ng

RT: 12.81 min Scan# 1823

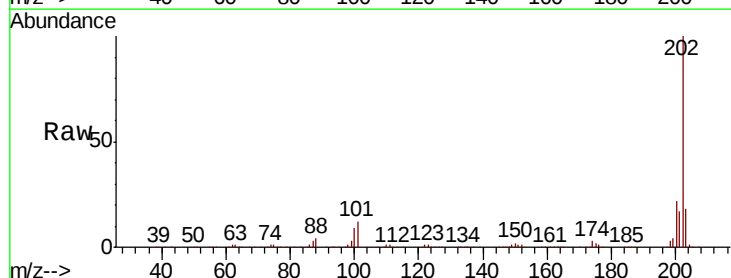
Delta R.T. 0.01 min

Lab File: BF116836.D

Acq: 5 Sep 2019 14:28

Tgt Ion:202 Resp: 598176

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.5	24.7
203	17.5	13.7	20.5

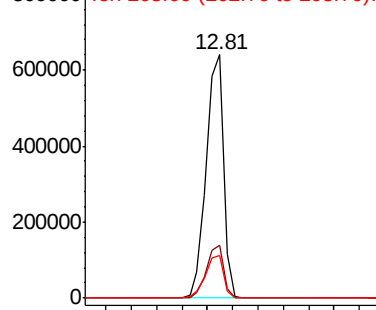


Abundance

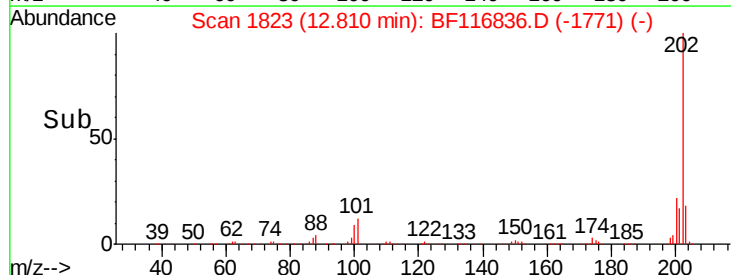
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

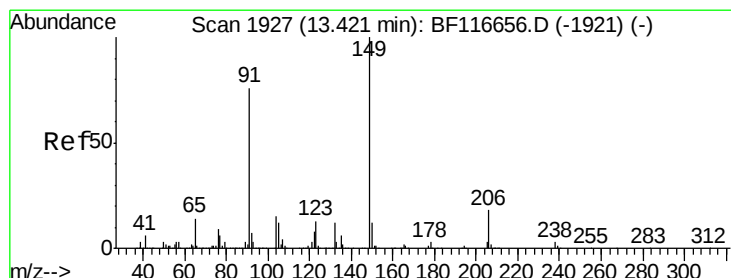
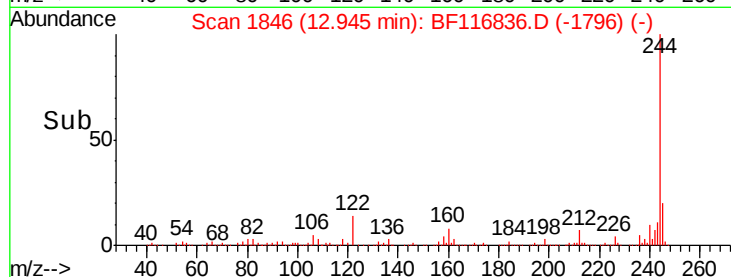
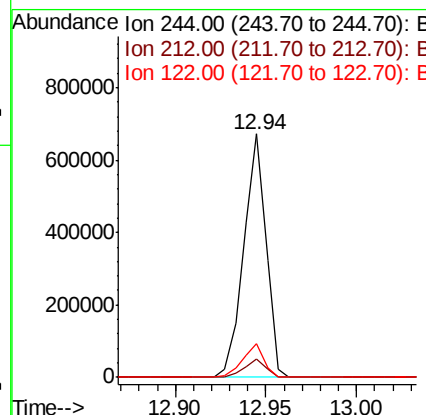
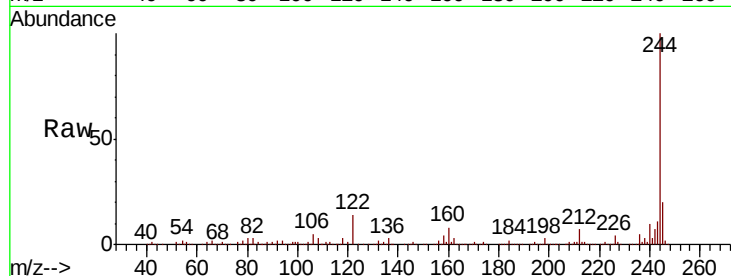




#79
 Terphenyl-d14
 Concen: 48.250 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

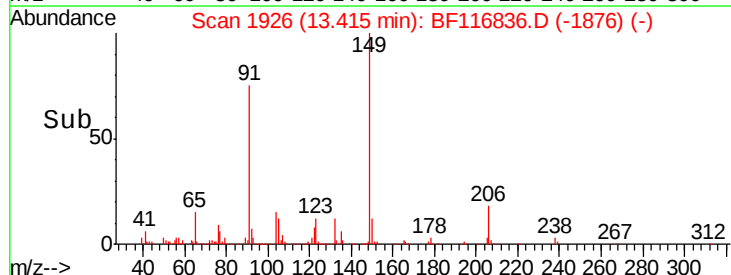
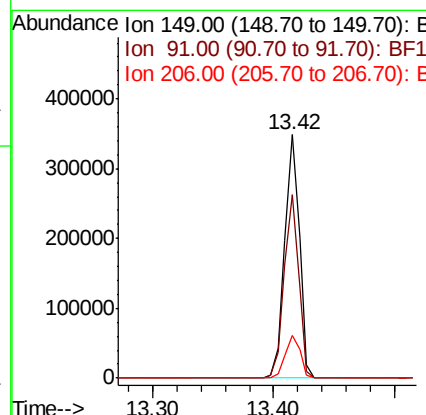
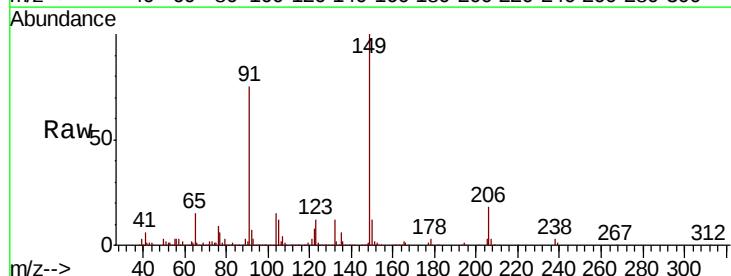
Instrument :
 BNA_F
 ClientSampled :

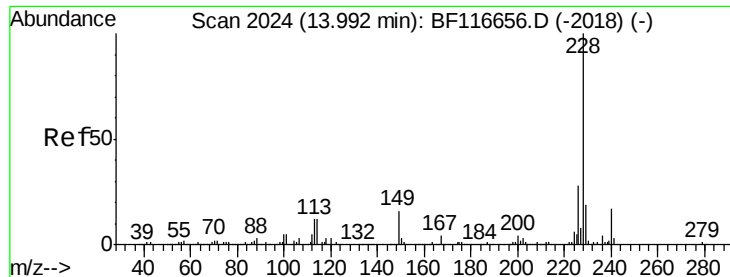
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	13.6	10.2	15.4



#80
 Butylbenzylphthalate
 Concen: 30.643 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.4	61.0	91.4
206	17.7	14.8	22.2

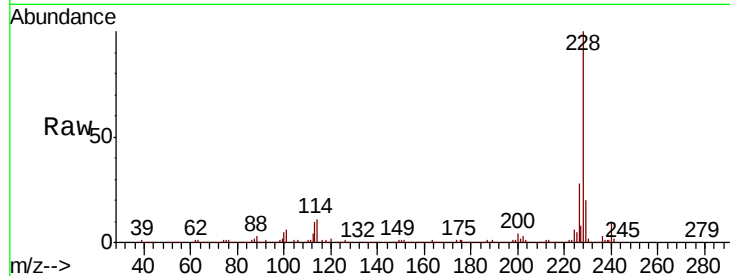




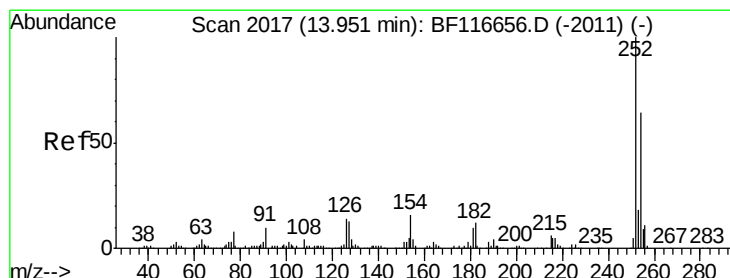
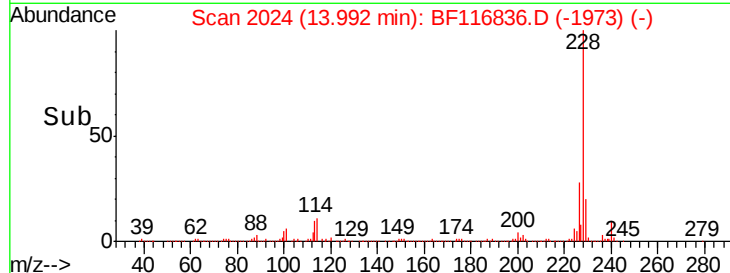
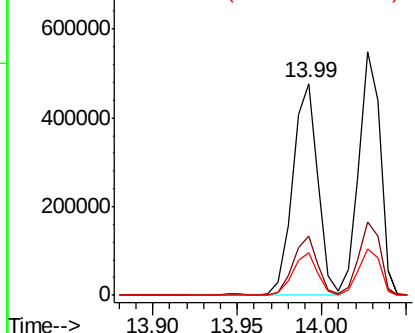
#81
Benzo(a)anthracene
Concen: 35.512 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 492603
Ion Ratio Lower Upper
228 100
226 28.0 22.0 33.0
229 19.9 16.4 24.6

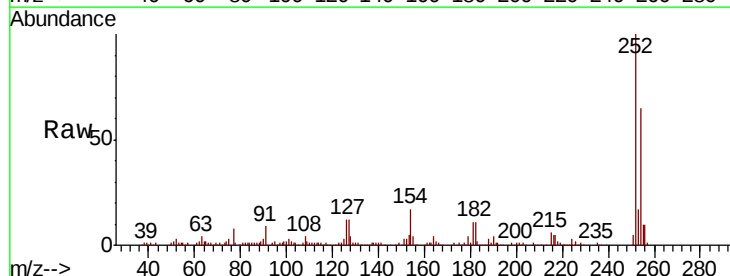


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

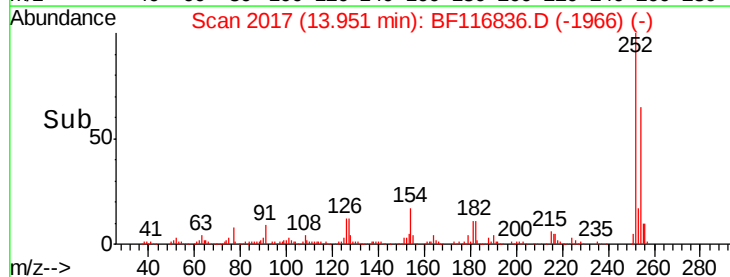
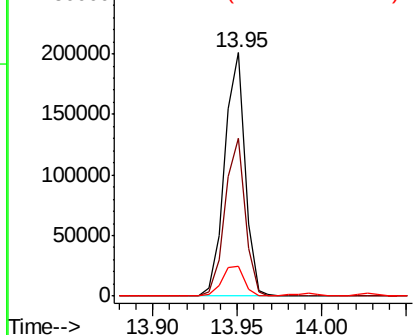


#82
3,3'-Dichlorobenzidine
Concen: 36.077 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion:252 Resp: 169121
Ion Ratio Lower Upper
252 100
254 64.7 50.1 75.1
126 12.4 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

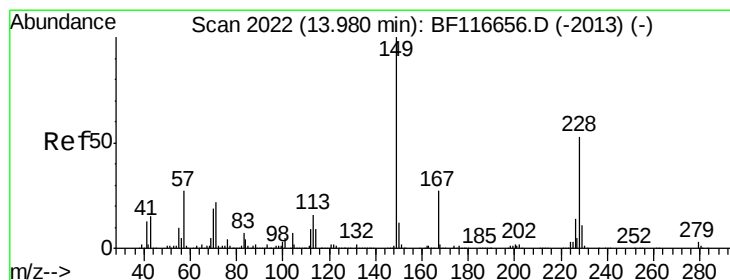
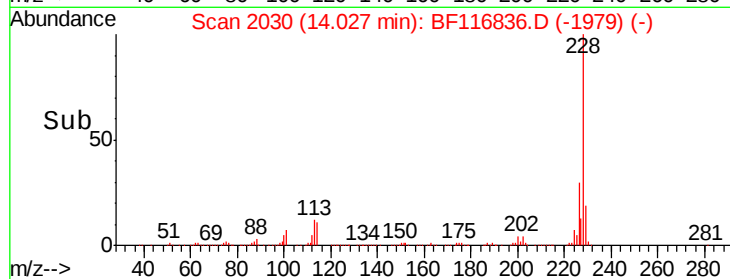
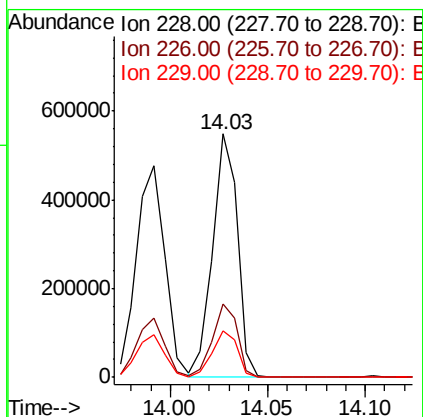
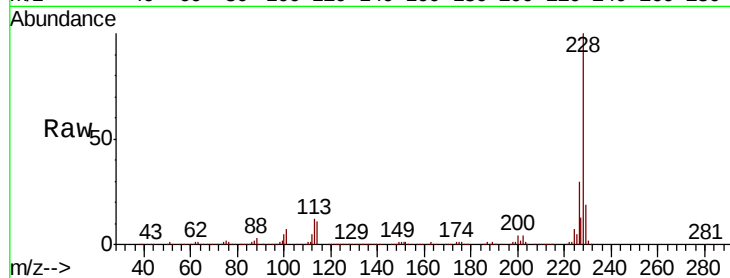




#83
 Chrvsene
 Concen: 33.755 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

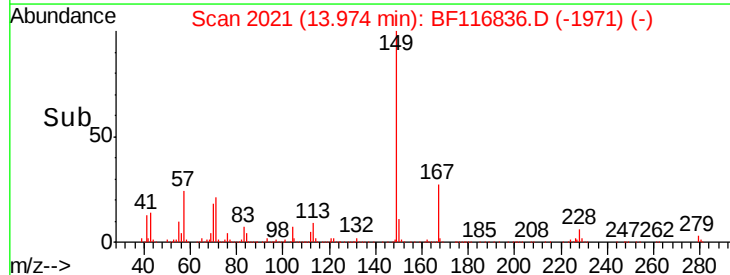
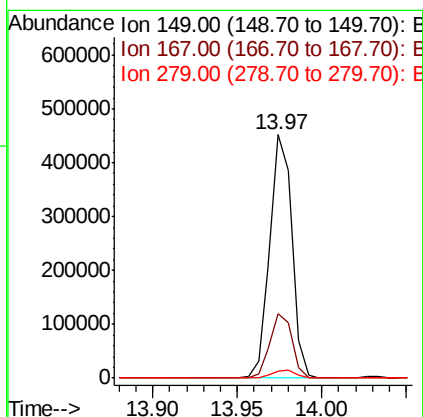
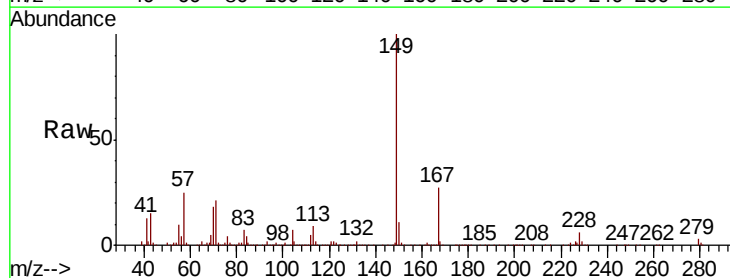
Instrument :
 BNA_F
 ClientSampleId :

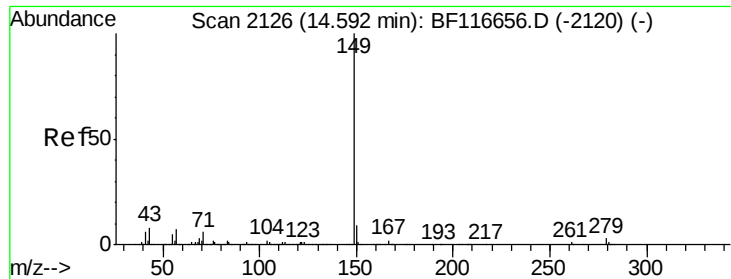
Tot Ion:228 Resp: 482404
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.0 36.0
 229 19.2 15.4 23.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.759 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Tgt Ion:149 Resp: 406529
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 3.0 2.8 4.2

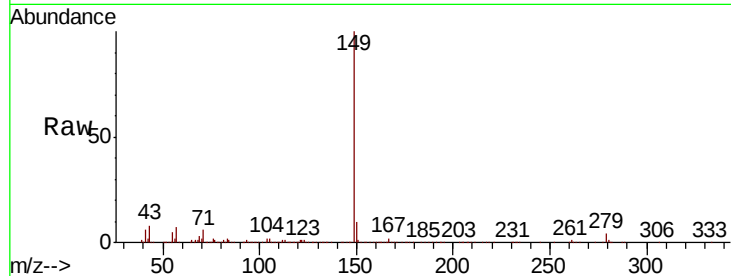




#85
 Di-n-octyl phthalate
 Concen: 35.364 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	8.1	7.8	11.8

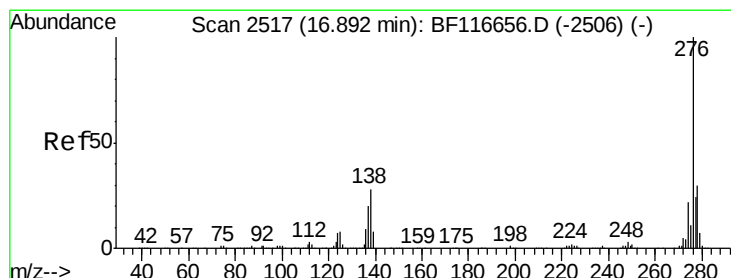
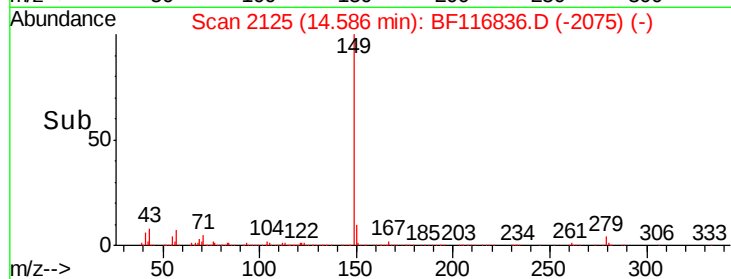
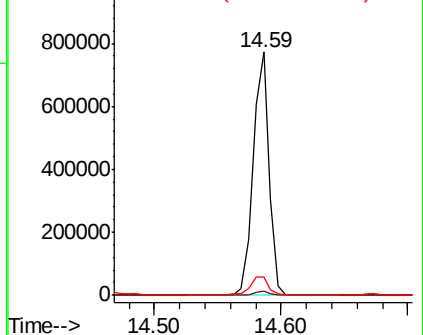


Abundance

Ion 149.00 (148.70 to 149.70): E

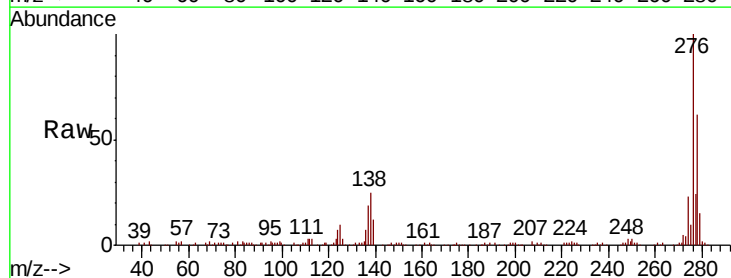
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 30.153 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. 0.02 min
 Lab File: BF116836.D
 Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	19.4	29.2
277	24.5	20.5	30.7

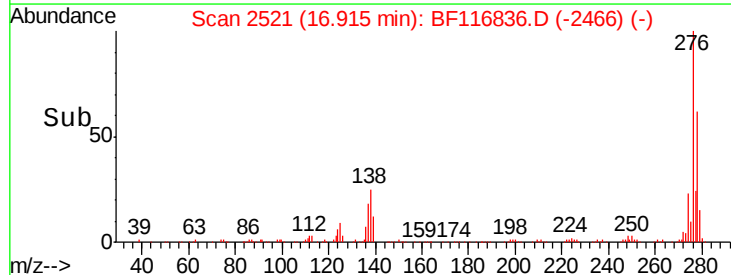
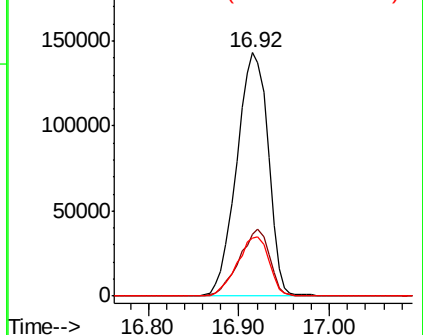


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



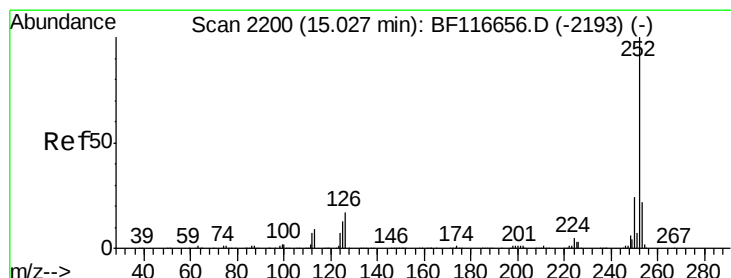
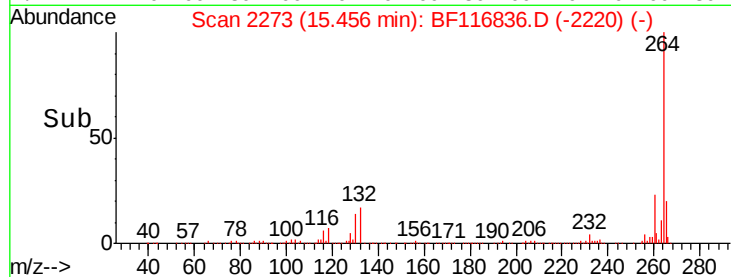
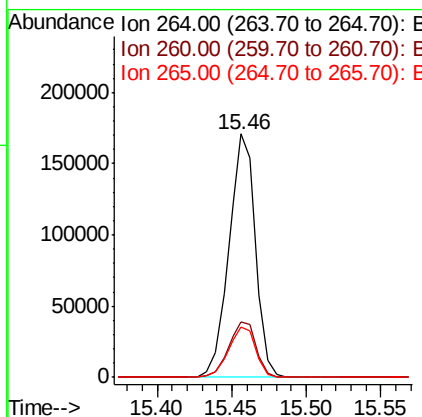
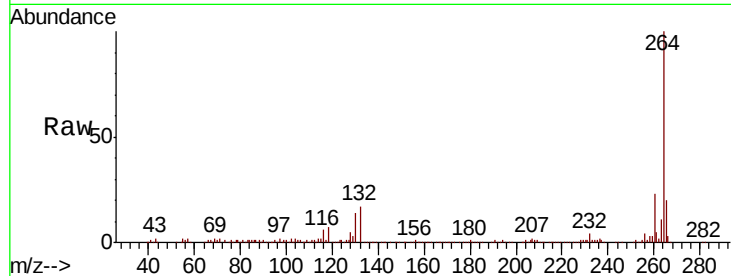


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 211849

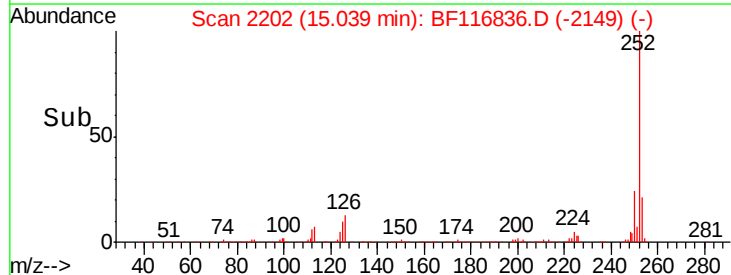
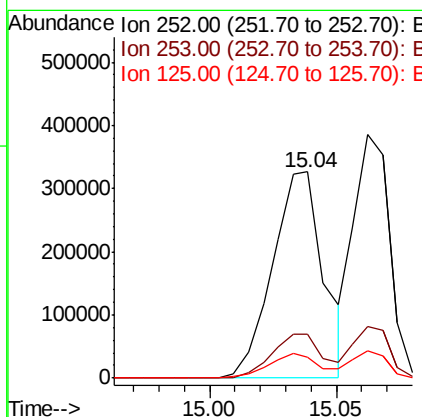
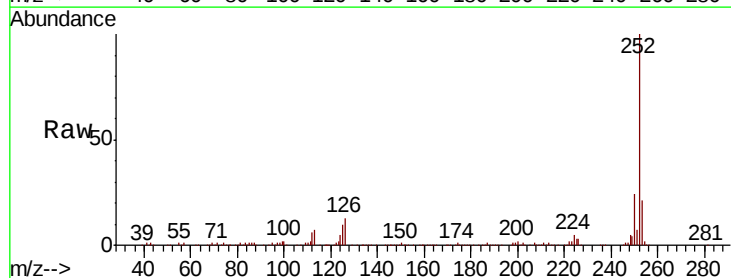
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	20.5	16.5	24.7



#88
Benzo(b)fluoranthene
Concen: 35.798 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion:252 Resp: 458505

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	10.3	8.2	12.2

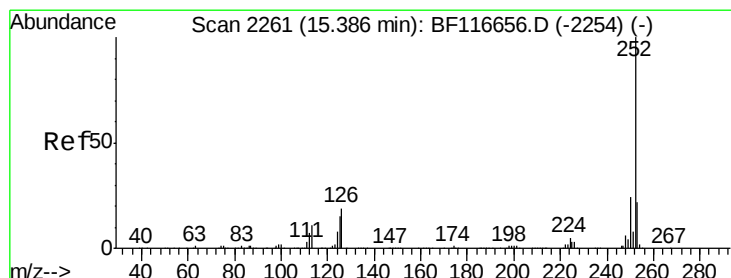
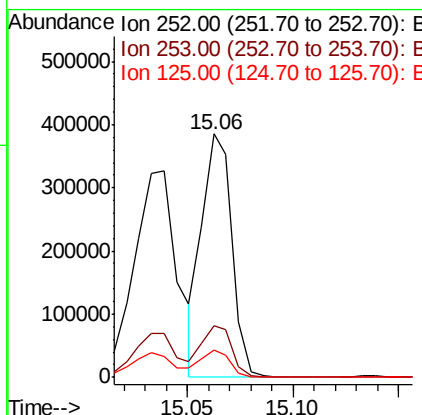
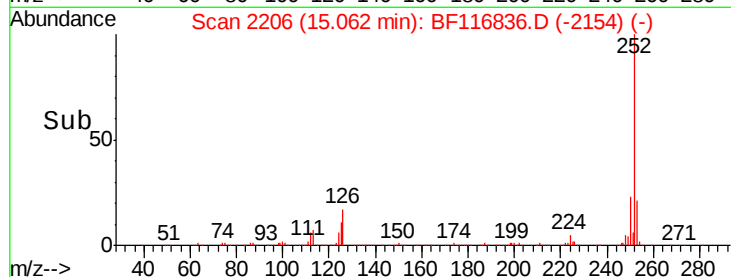
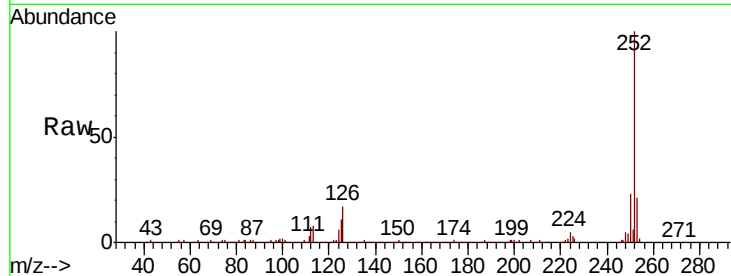




#89
Benzo(k)fluoranthene
Concen: 32.533 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

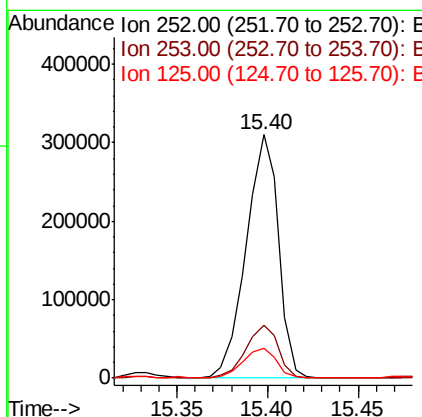
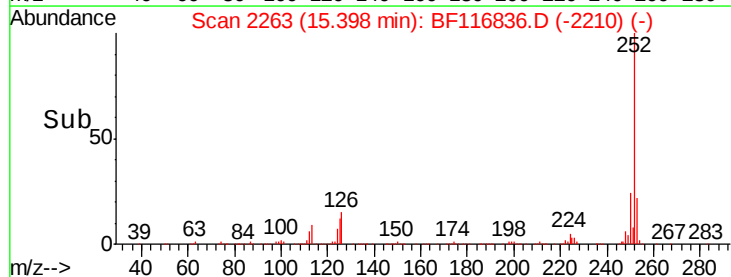
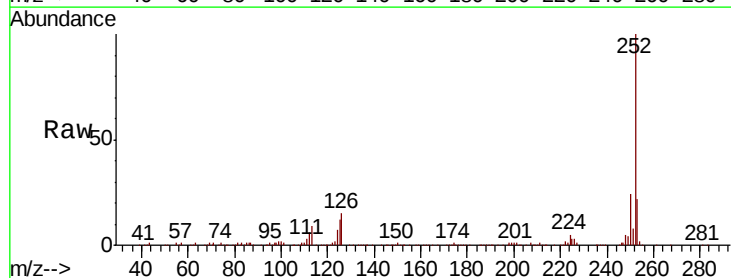
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 379925
Ion Ratio Lower Upper
252 100
253 21.3 17.7 26.5
125 11.4 8.6 13.0



#90
Benzo(a)pyrene
Concen: 34.502 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion:252 Resp: 384460
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 12.1 9.8 14.8

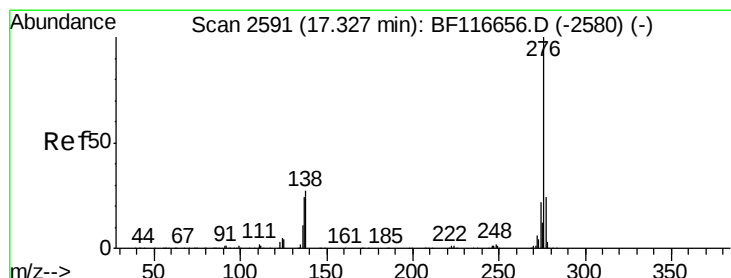
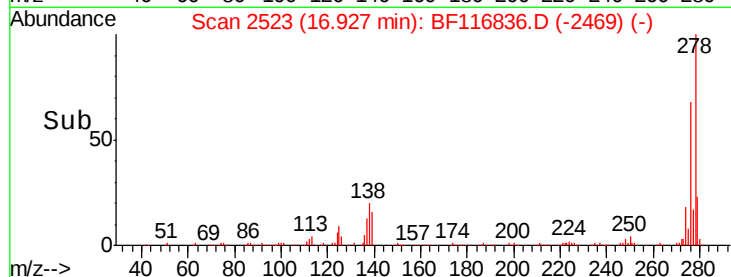
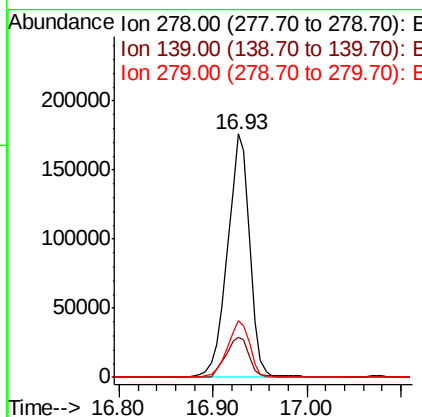
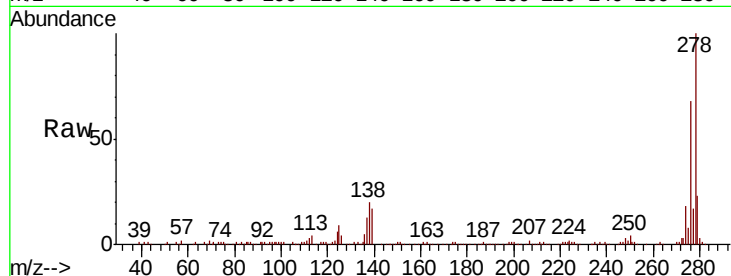




#91
Dibenzo(a,h)anthracene
Concen: 29.656 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.02 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.4	18.6
279	23.1	18.2	27.4



#92
Benzo(g,h,i)perylene
Concen: 27.261 ng
RT: 17.36 min Scan# 2596
Delta R.T. 0.03 min
Lab File: BF116836.D
Acq: 5 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.5	27.7
138	21.0	16.2	24.2

