

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
 Data File : BF116828.D
 Acq On : 5 Sep 2019 10:49
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 05 14:22:30 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	83100	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	347107	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	177369	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	279118	20.00	ng	0.00
76) Chrysene-d12	14.00	240	188751	20.00	ng	0.00
87) Perylene-d12	15.45	264	162519	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	440711	85.92	ng	0.00
7) Phenol-d6	6.48	99	576181	85.54	ng	0.00
23) Nitrobenzene-d5	7.41	82	531234	87.37	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	127100	107.19	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	960459	91.35	ng	0.00
79) Terphenyl-d14	12.94	244	891197	87.35	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.59	88	92717	39.156	ng	95
3) Pyridine	3.34	79	257716	37.590	ng	93
4) n-Nitrosodimethylamine	3.29	42	92420	39.256	ng	84
6) Aniline	6.51	93	380872	40.827	ng	97
8) 2-Chlorophenol	6.63	128	239158	42.711	ng	97
9) Benzaldehyde	6.39	77	171370	38.619	ng	98
10) Phenol	6.49	94	318356	42.684	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	235126	40.487	ng	99
12) 1,3-Dichlorobenzene	6.79	146	269595	42.599	ng	99
13) 1,4-Dichlorobenzene	6.86	146	274452	43.559	ng	98
14) 1,2-Dichlorobenzene	7.02	146	255617	43.778	ng	97
15) Benzyl Alcohol	6.99	79	234185	42.833	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	245212	35.988	ng	93
17) 2-Methylphenol	7.10	107	203038	41.421	ng	99
18) Hexachloroethane	7.36	117	107229	43.804	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	183530	41.383	ng	90
20) 3+4-Methylphenols	7.25	107	260059	45.629	ng	# 86
22) Acetophenone	7.26	105	368449	44.091	ng	# 93
24) Nitrobenzene	7.43	77	264559	42.782	ng	98
25) Isophorone	7.67	82	498918	40.494	ng	99
26) 2-Nitrophenol	7.75	139	109658	47.697	ng	95
27) 2,4-Dimethylphenol	7.78	122	190049	40.931	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	310628	41.257	ng	99
29) 2,4-Dichlorophenol	7.99	162	197813	44.331	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	210194	43.430	ng	98
31) Naphthalene	8.15	128	708943	42.952	ng	99
32) Benzoic acid	7.89	122	103863	39.616	ng	97
33) 4-Chloroaniline	8.20	127	311767	41.496	ng	95
34) Hexachlorobutadiene	8.27	225	121237	45.942	ng	99
35) Caprolactam	8.56	113	64202	38.445	ng	93
36) 4-Chloro-3-methylphenol	8.67	107	229888	44.825	ng	98
37) 2-Methylnaphthalene	8.84	142	476473	43.387	ng	97
38) 1-Methylnaphthalene	8.94	142	447328	43.150	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	188802	44.405	ng	98

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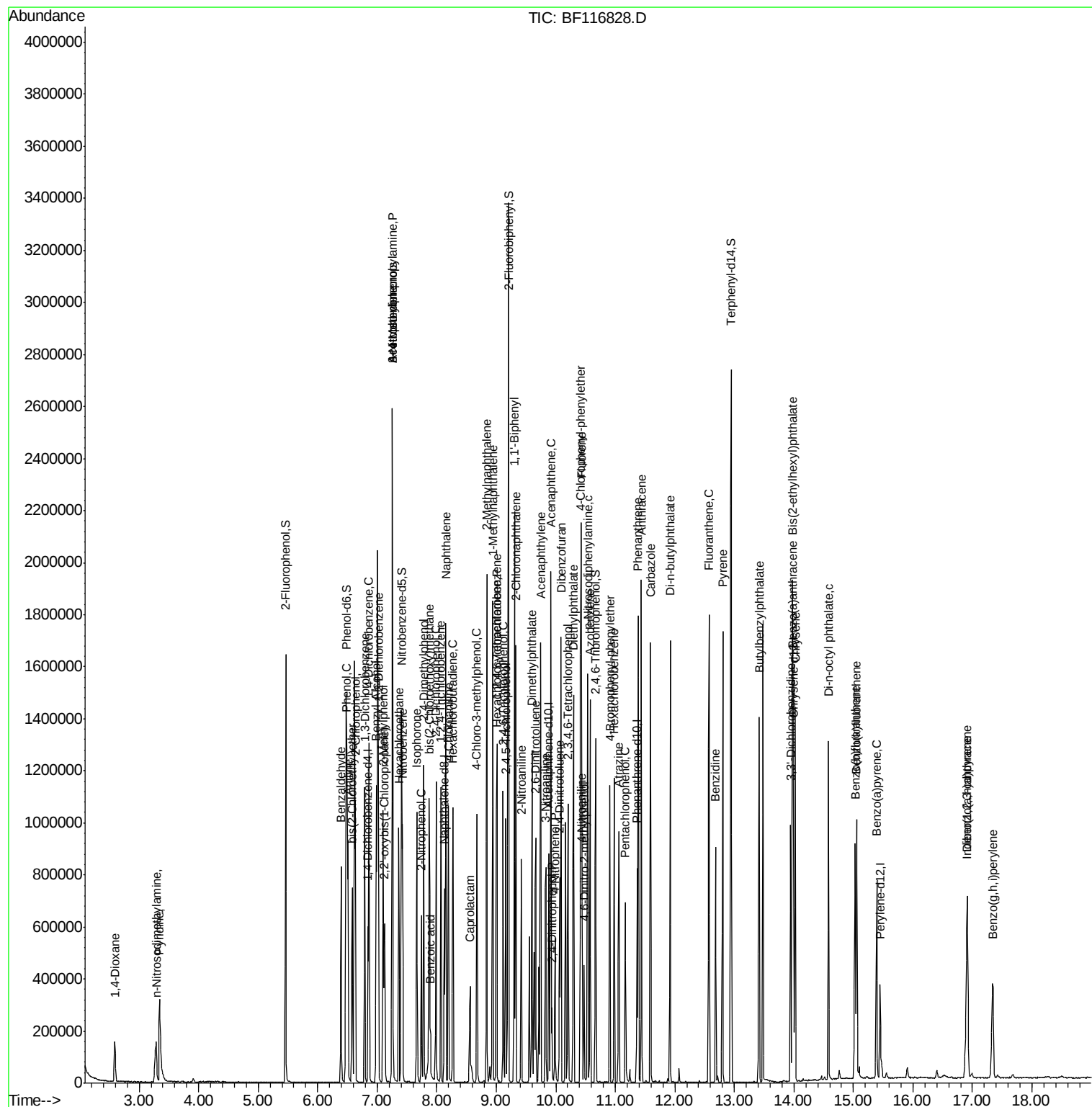
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	106837	43.513	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	134163	46.031	ng	97
44) 2,4,5-Trichlorophenol	9.16	196	139786	46.196	ng	95
46) 1,1'-Biphenyl	9.30	154	585410	43.496	ng	98
47) 2-Chloronaphthalene	9.33	162	458303	42.993	ng	98
48) 2-Nitroaniline	9.42	65	139302	45.201	ng	100
49) Acenaphthylene	9.75	152	690269	42.837	ng	98
50) Dimethylphthalate	9.60	163	522815	42.694	ng	97
51) 2,6-Dinitrotoluene	9.66	165	101504	43.445	ng	94
52) Acenaphthene	9.92	154	426265	43.053	ng	98
53) 3-Nitroaniline	9.83	138	127140	43.423	ng	# 93
54) 2,4-Dinitrophenol	9.93	184	29568	40.677	ng	# 88
55) Dibenzofuran	10.09	168	606043	43.420	ng	96
56) 4-Nitrophenol	9.99	139	87960	43.813	ng	88
57) 2,4-Dinitrotoluene	10.07	165	132033	46.217	ng	91
58) Fluorene	10.43	166	475817	44.740	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	105122	48.136	ng	94
60) Diethylphthalate	10.30	149	525926	42.876	ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	213559	45.857	ng	92
62) 4-Nitroaniline	10.45	138	126769	44.614	ng	95
63) Azobenzene	10.58	77	533573	41.717	ng	93
65) 4,6-Dinitro-2-methylphenol	10.47	198	44843	44.302	ng	80
66) n-Nitrosodiphenylamine	10.54	169	416548	43.140	ng	97
67) 4-Bromophenyl-phenylether	10.91	248	125195	44.153	ng	96
68) Hexachlorobenzene	10.98	284	134916	45.478	ng	98
69) Atrazine	11.06	200	121498	44.928	ng	100
70) Pentachlorophenol	11.17	266	70899	49.404	ng	96
71) Phenanthrene	11.39	178	680444	43.794	ng	100
72) Anthracene	11.44	178	687675	43.967	ng	99
73) Carbazole	11.59	167	632884	42.479	ng	99
74) Di-n-butylphthalate	11.92	149	817222	42.787	ng	100
75) Fluoranthene	12.57	202	666007	43.617	ng	99
77) Benzidine	12.69	184	296813	40.092	ng	99
78) Pyrene	12.80	202	677396	40.372	ng	98
80) Butylbenzylphthalate	13.42	149	330367	40.489	ng	94
81) Benzo(a)anthracene	13.99	228	523027	43.783	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	171783	42.551	ng	99
83) Chrysene	14.03	228	511264	41.542	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	420875	41.786	ng	98
85) Di-n-octyl phthalate	14.58	149	660812	40.091	ng	96
86) Indeno(1,2,3-cd)pyrene	16.90	276	361784	36.597	ng	97
88) Benzo(b)fluoranthene	15.03	252	405760	41.296	ng	99
89) Benzo(k)fluoranthene	15.06	252	413747	46.183	ng	98
90) Benzo(a)pyrene	15.39	252	359097	42.007	ng	97
91) Dibenzo(a,h)anthracene	16.92	278	295016	39.427	ng	97
92) Benzo(g,h,i)perylene	17.34	276	287134	37.626	ng	97

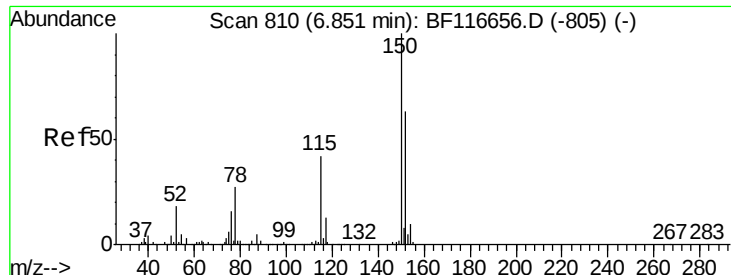
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

Instrument :

BNA_F

ClientSampleId :

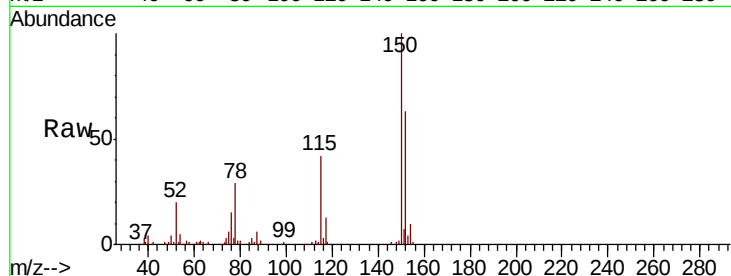
Tot Ion:152 Resp: 83100

Ion Ratio Lower Upper

152 100

150 158.1 124.4 186.6

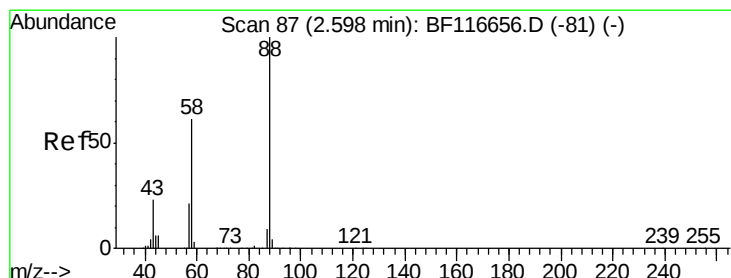
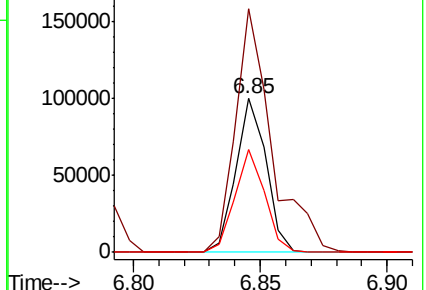
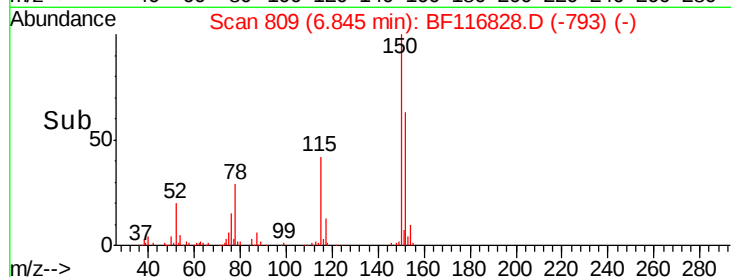
115 66.6 49.9 74.9



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: 39.156 ng

RT: 2.59 min Scan# 86

Delta R.T. -0.01 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

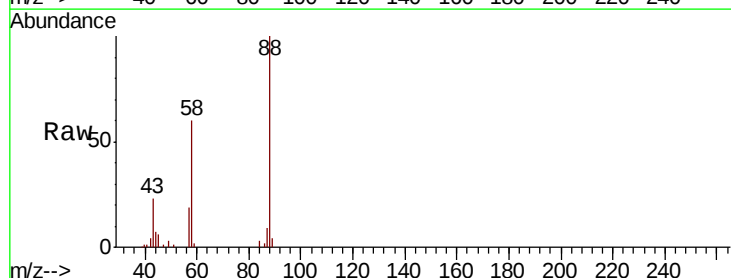
Tgt Ion: 88 Resp: 92717

Ion Ratio Lower Upper

88 100

58 59.4 51.7 77.5

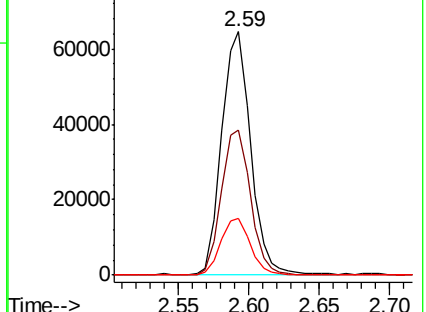
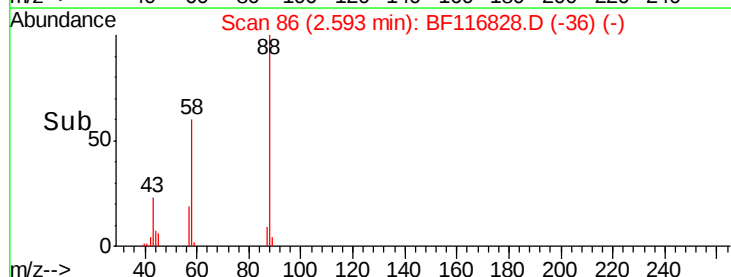
43 23.5 19.8 29.8

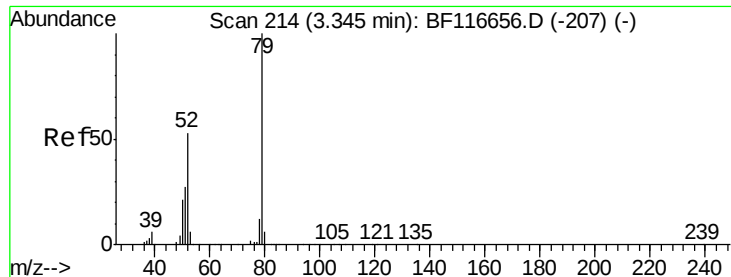


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.590 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.01 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

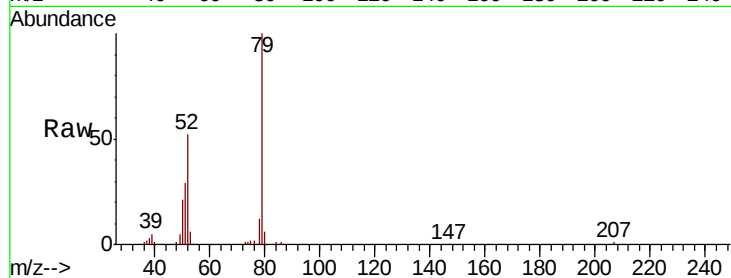
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 257716

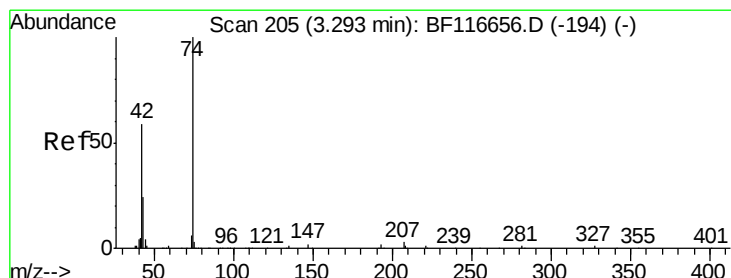
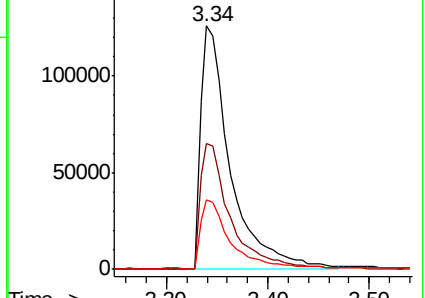
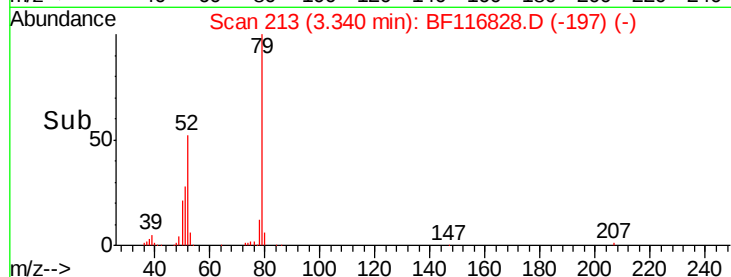
Ion	Ratio	Lower	Upper
79	100		
52	51.7	47.4	71.0
51	28.8	24.1	36.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.256 ng

RT: 3.29 min Scan# 204

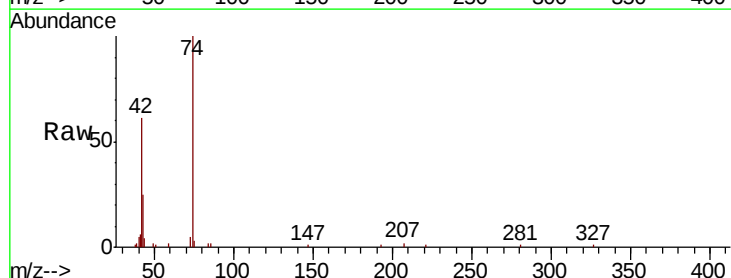
Delta R.T. -0.01 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

Tgt Ion: 42 Resp: 92420

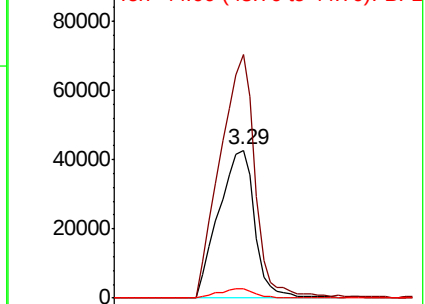
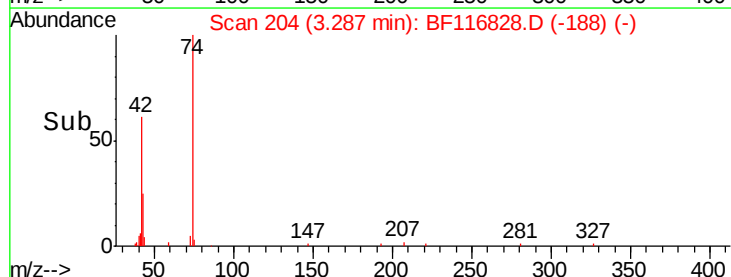
Ion	Ratio	Lower	Upper
42	100		
74	164.5	115.6	173.4
44	6.1	4.6	7.0

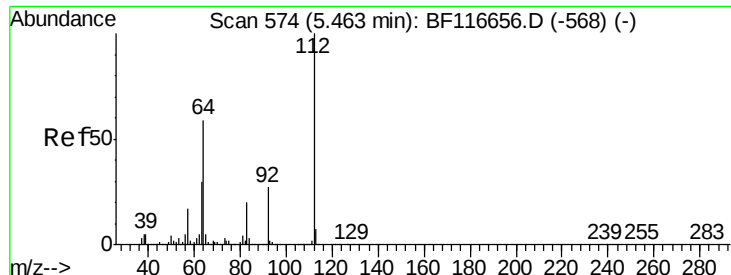


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 85.918 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

Instrument :

BNA_F

ClientSampleId :

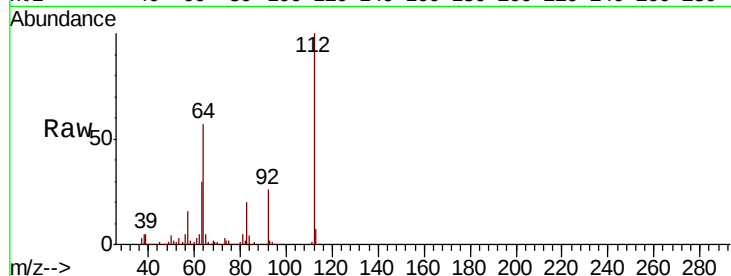
Tot Ion:112 Resp: 440711

Ion Ratio Lower Upper

112 100

64 57.1 47.1 70.7

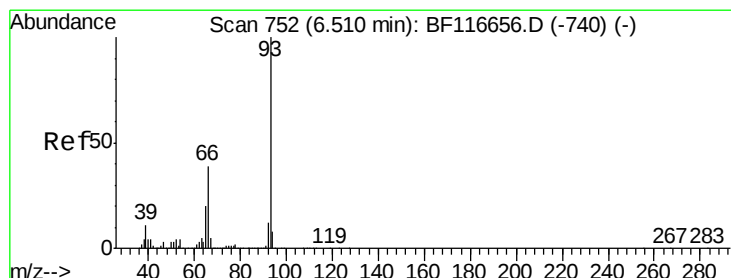
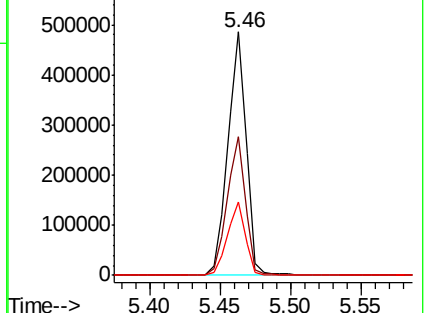
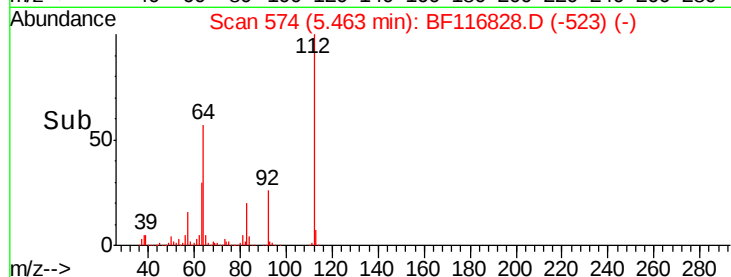
63 30.2 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.827 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

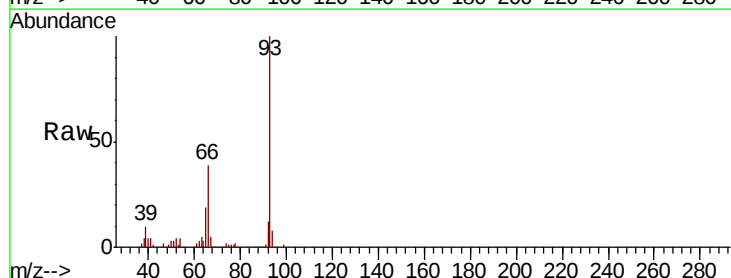
Tgt Ion: 93 Resp: 380872

Ion Ratio Lower Upper

93 100

66 38.8 32.7 49.1

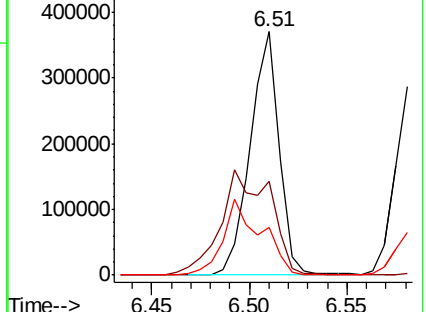
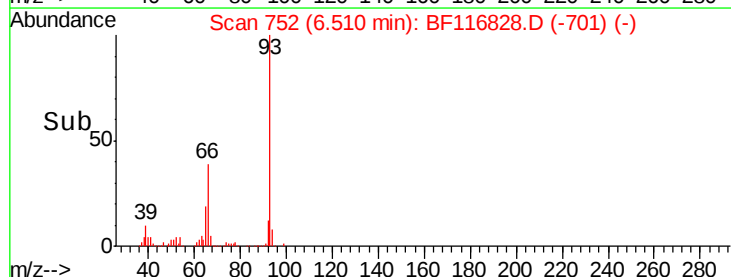
65 19.4 16.3 24.5

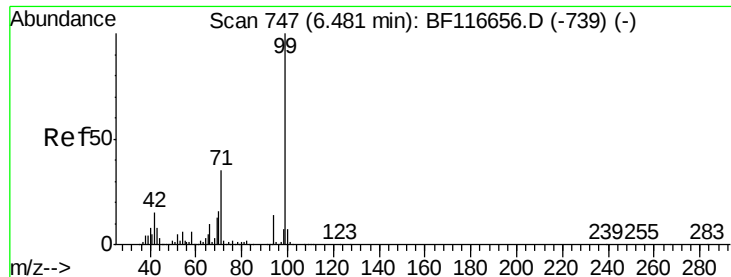


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.543 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116828.D

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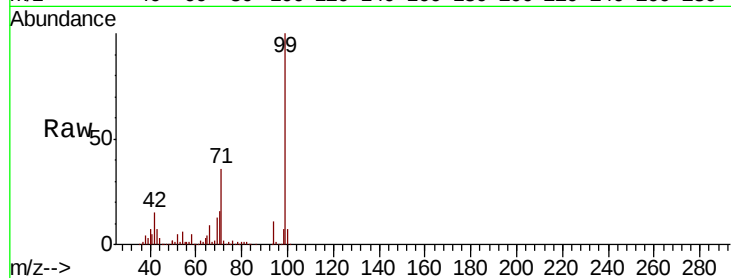
Tot Ion: 99 Resp: 576181

Ion Ratio Lower Upper

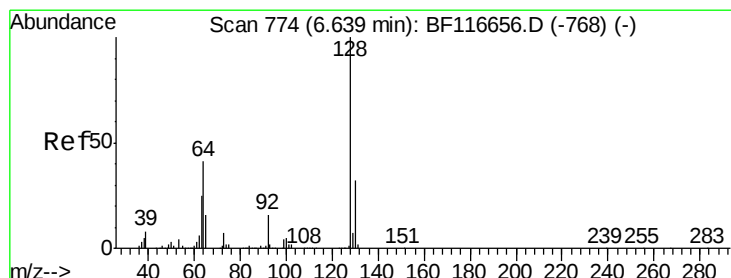
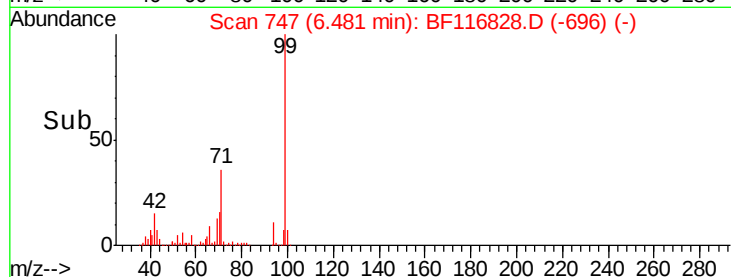
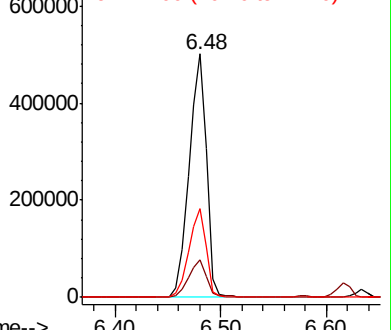
99 100

42 15.2 13.7 20.5

71 36.3 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: 42.711 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

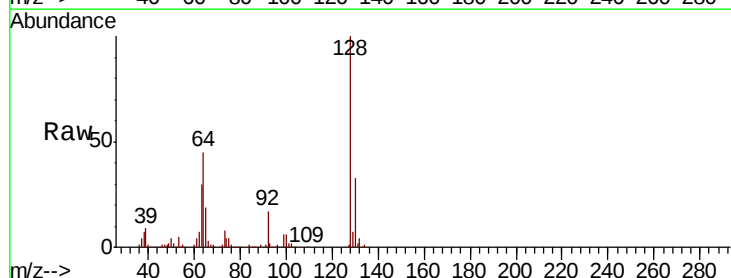
Tgt Ion: 128 Resp: 239158

Ion Ratio Lower Upper

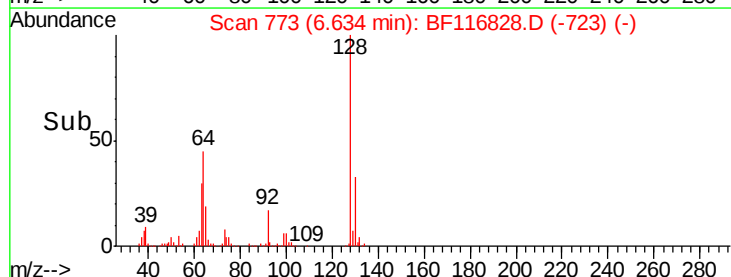
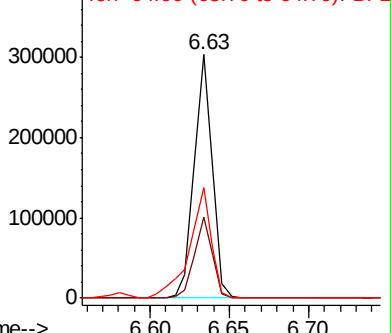
128 100

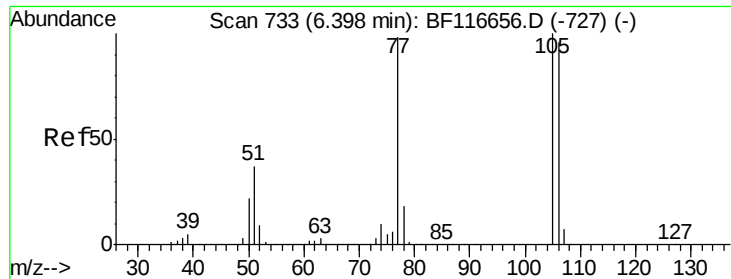
130 33.1 12.3 52.3

64 45.2 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: 38.619 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

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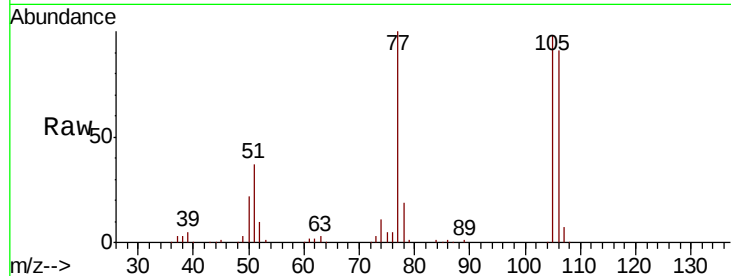
Tot Ion: 77 Resp: 171370

Ion Ratio Lower Upper

77 100

105 98.2 76.7 116.7

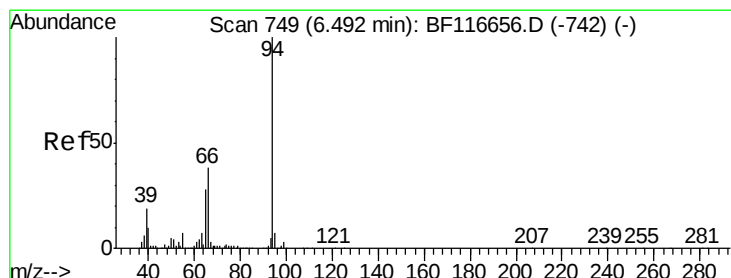
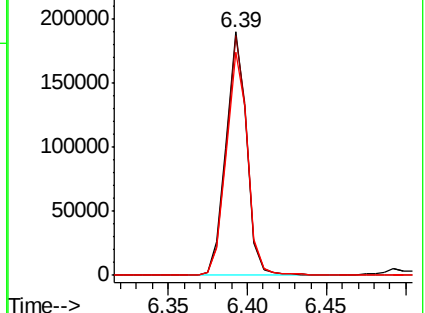
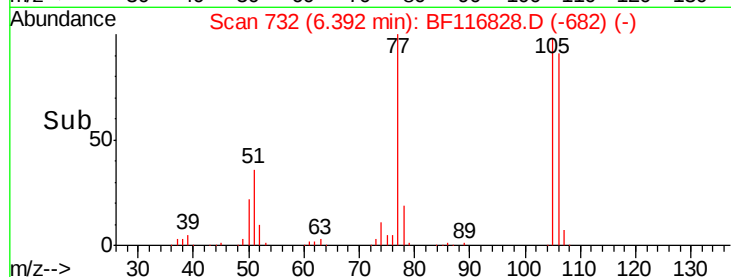
106 91.4 73.1 113.1



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: 42.684 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

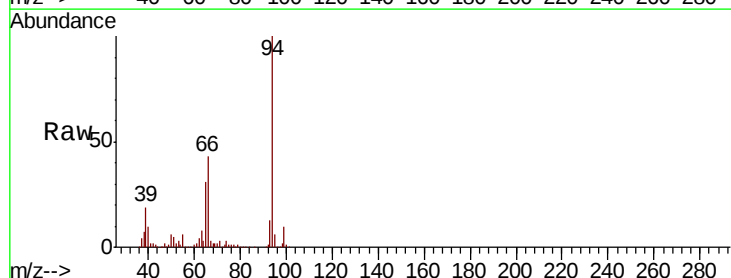
Tgt Ion: 94 Resp: 318356

Ion Ratio Lower Upper

94 100

65 30.9 10.8 50.8

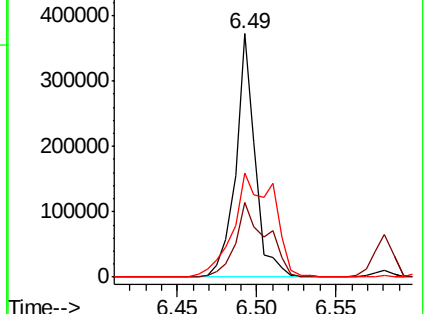
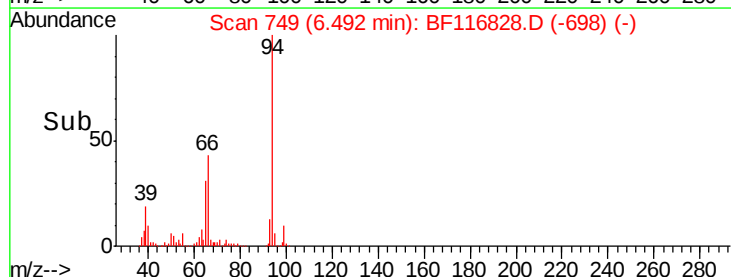
66 42.9 21.1 61.1

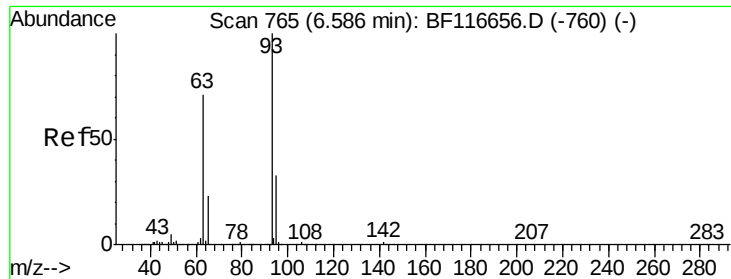


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

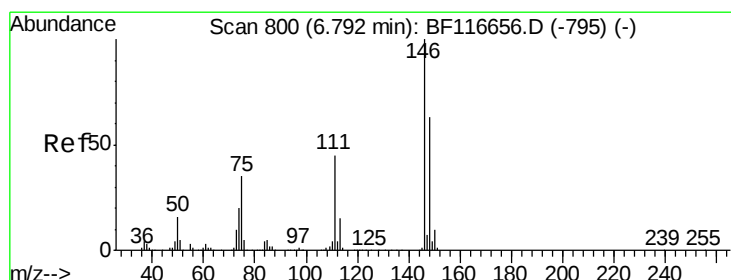
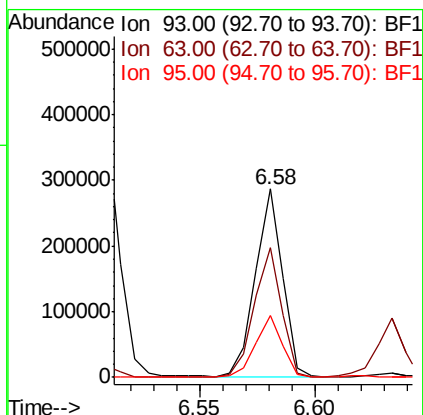
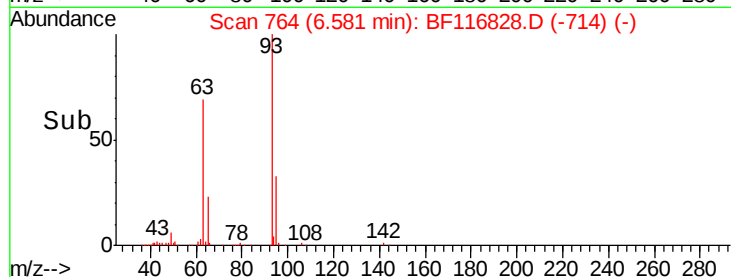
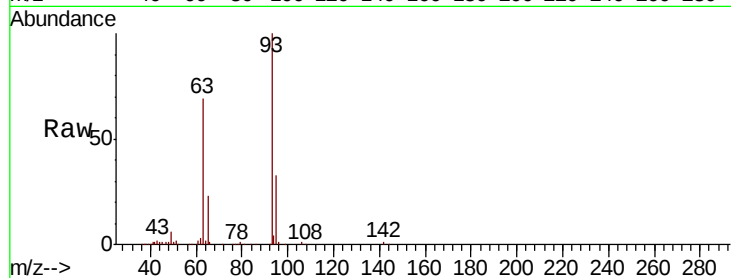




#11
bis(2-Chloroethyl)ether
Concen: 40.487 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

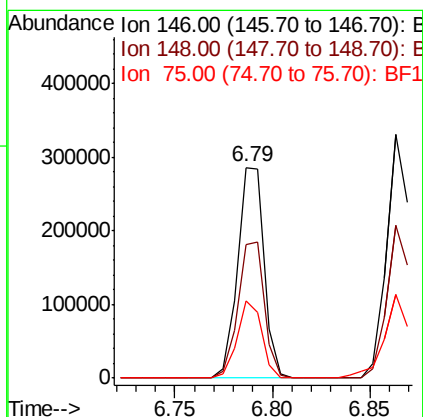
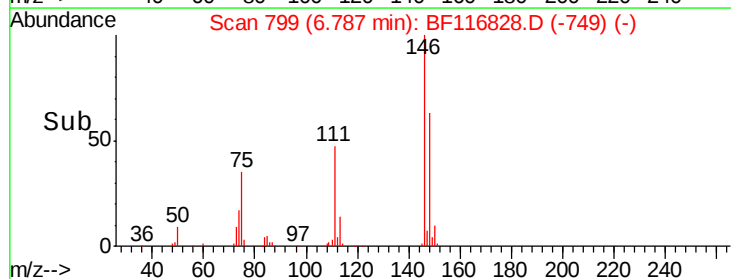
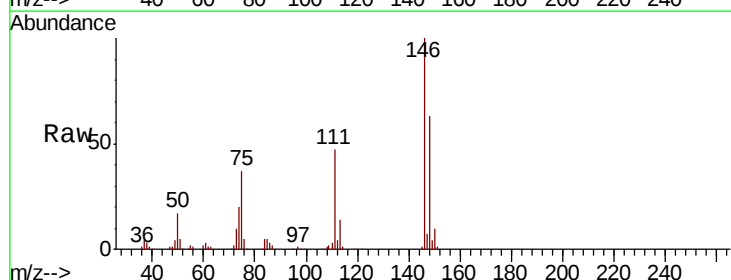
Instrument :
BNA_F
ClientSampleId :

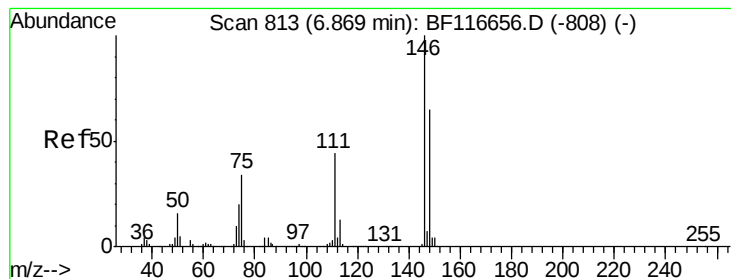
Tot Ion:	93	Resp:	235126
Ion	Ratio	Lower	Upper
93	100		
63	68.7	49.9	89.9
95	32.8	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 42.599 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion:	146	Resp:	269595
Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
75	36.7	29.6	44.4





#13

1,4-Dichlorobenzene

Concen: 43.559 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

Instrument :

BNA_F

ClientSampleId :

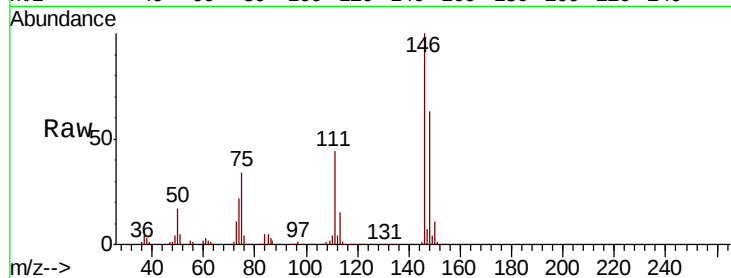
Tot Ion:146 Resp: 274452

Ion Ratio Lower Upper

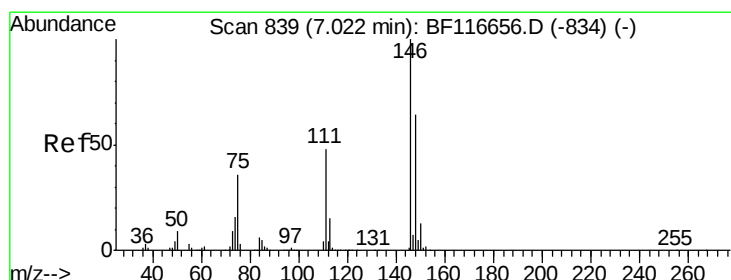
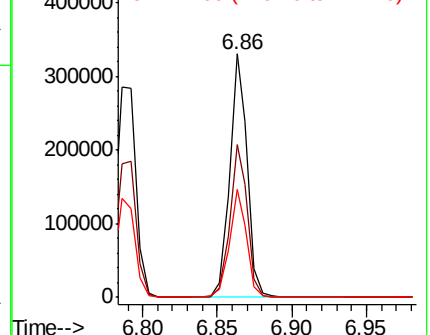
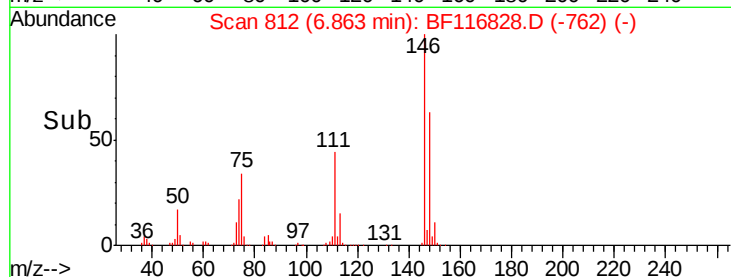
146 100

148 62.7 51.4 77.2

111 44.3 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: 43.778 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

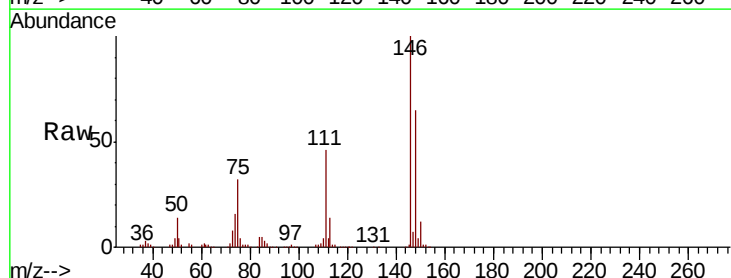
Tgt Ion:146 Resp: 255617

Ion Ratio Lower Upper

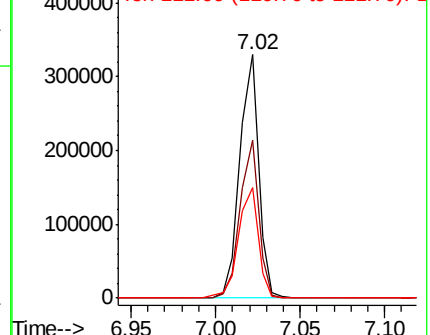
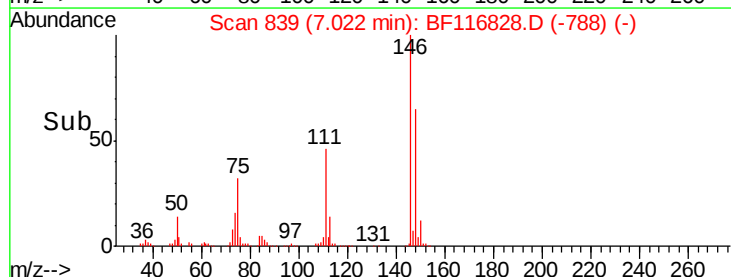
146 100

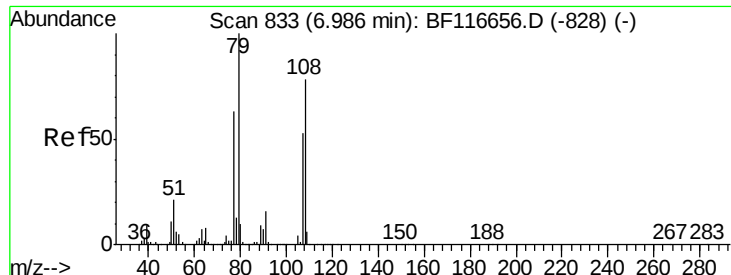
148 64.7 52.6 78.8

111 45.6 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

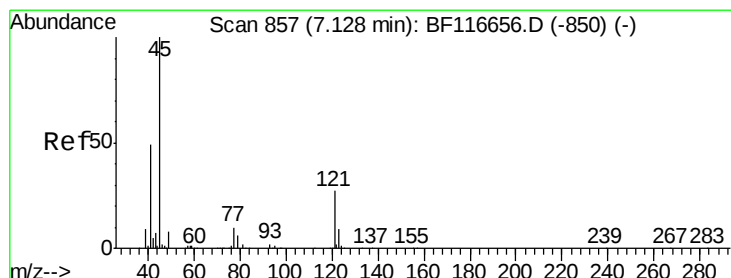
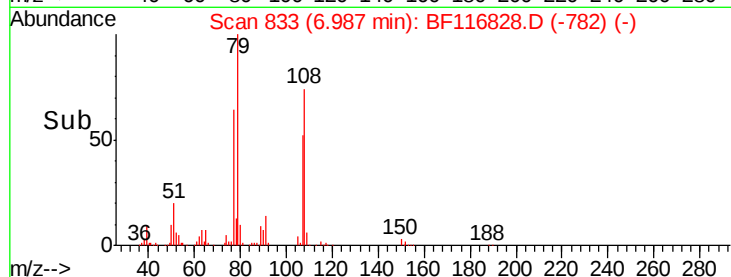
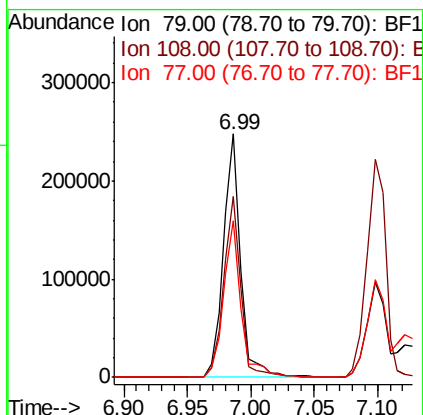
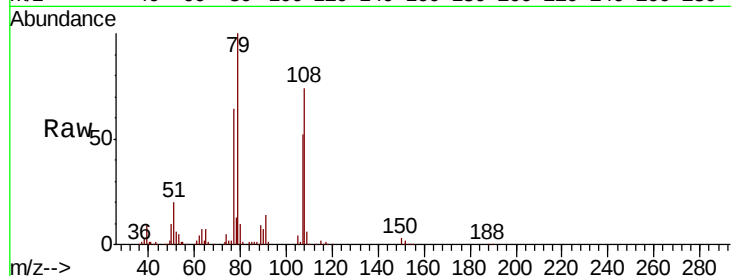




#15
Benzyl Alcohol
Concen: 42.833 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

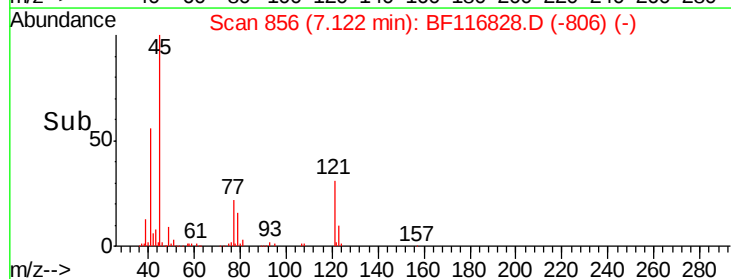
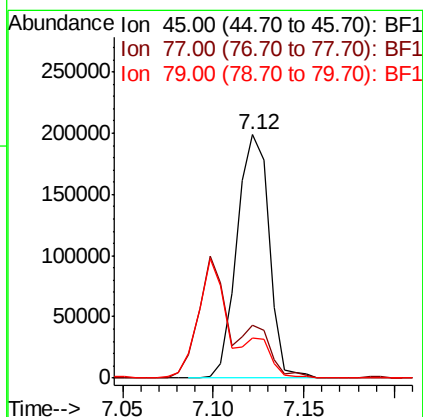
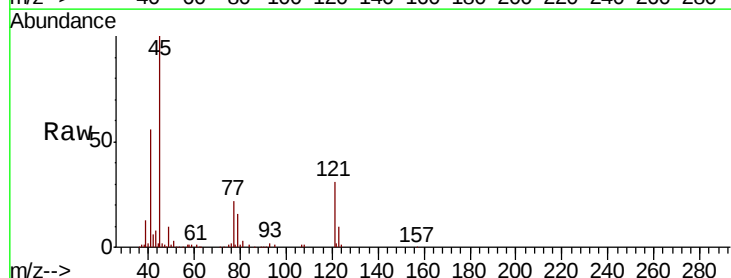
Instrument :
BNA_F
ClientSampleId :

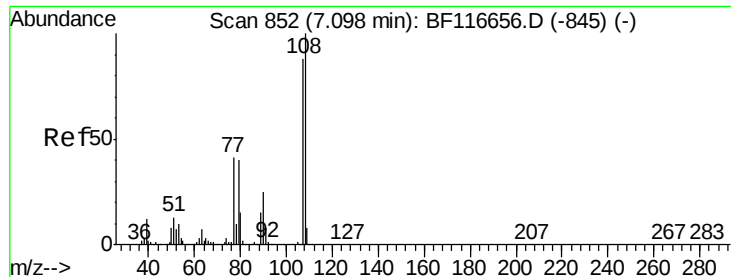
Tot Ion	Ratio	Lower	Upper
79	100		
108	74.4	59.2	88.8
77	64.2	53.0	79.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.988 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.7	0.0	38.2
79	16.3	0.0	33.9

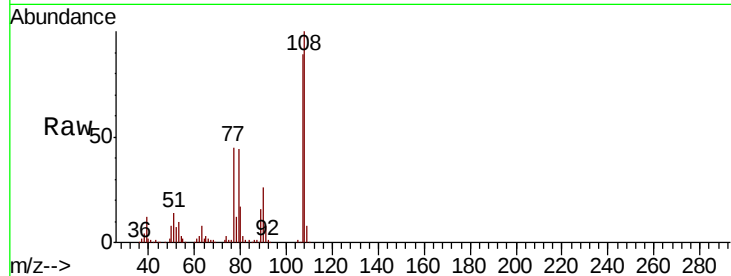




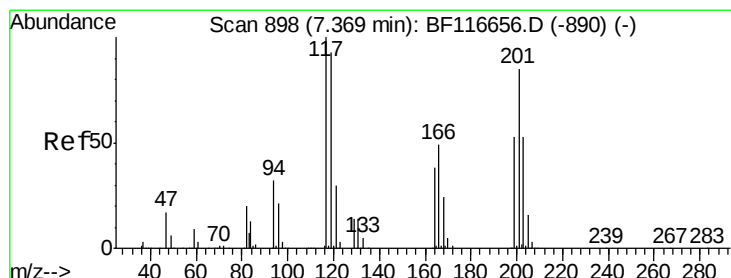
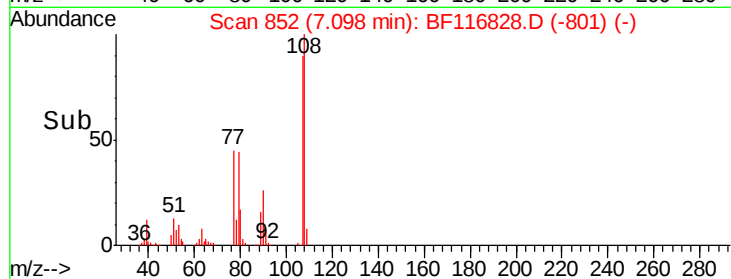
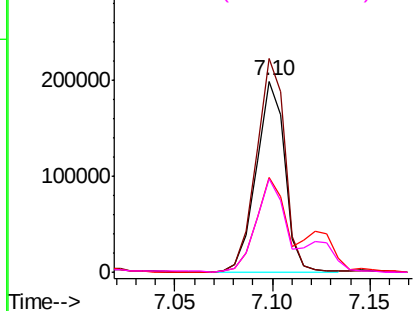
#17
2-Methylphenol
Concen: 41.421 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	203038
Ion	Ratio	Lower	Upper
107	100		
108	111.8	88.3	132.5
77	49.9	39.9	59.9
79	48.9	39.8	59.8

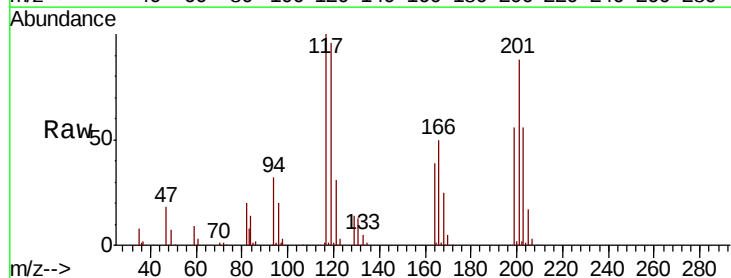


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

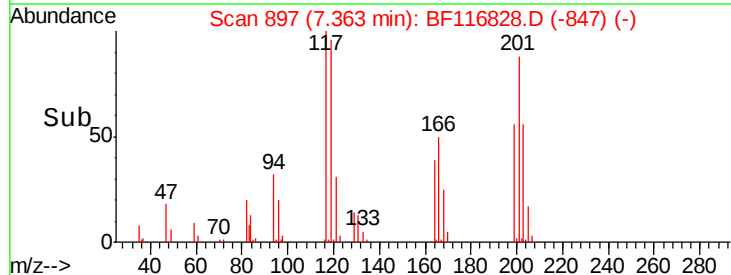
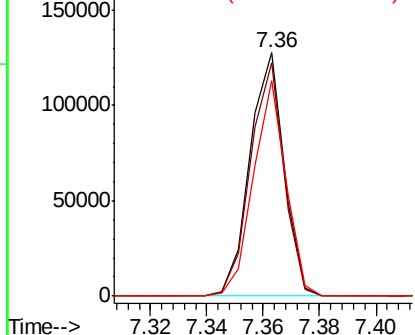


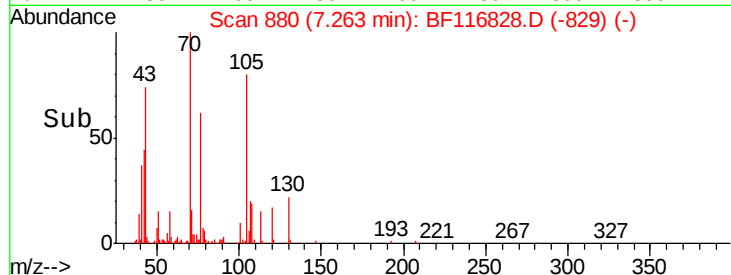
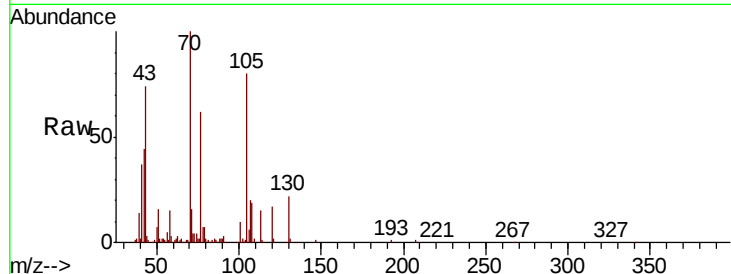
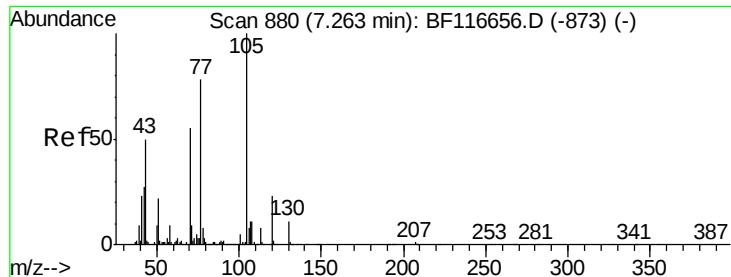
#18
Hexachloroethane
Concen: 43.804 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion:	117	Resp:	107229
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.9	115.3
201	88.5	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

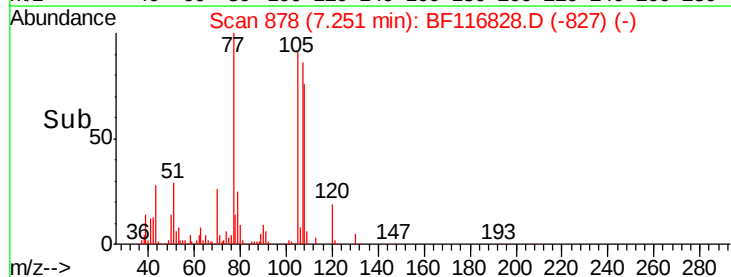
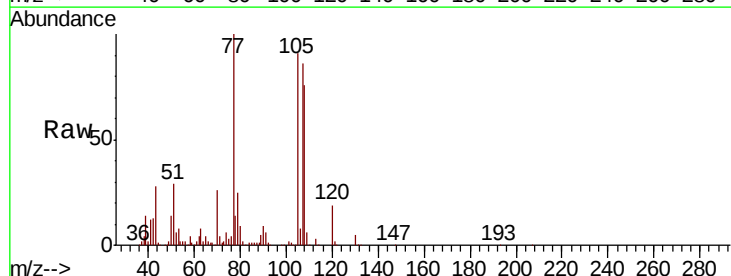
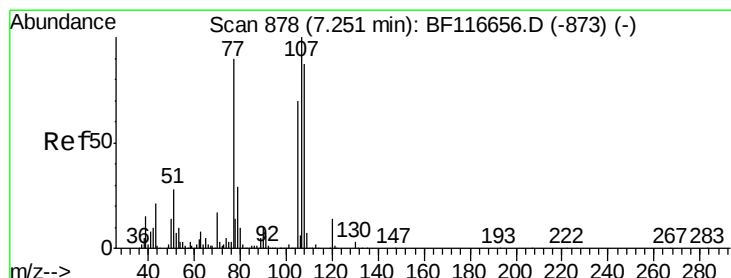
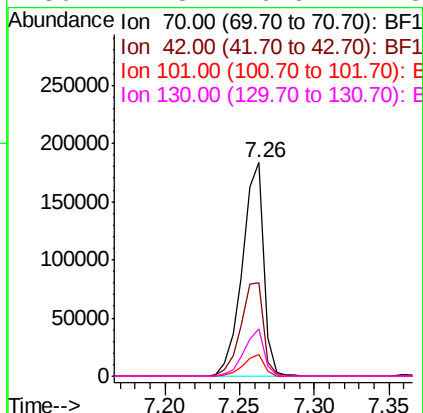




#19
n-Nitroso-di-n-propylamine
Concen: 41.383 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

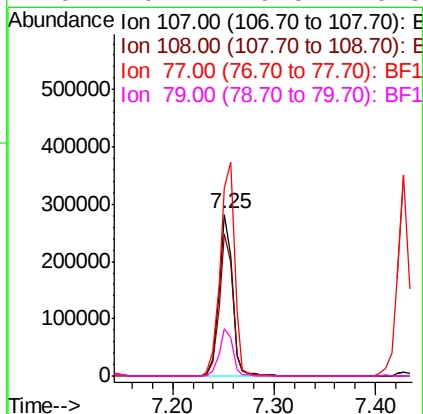
Instrument :
BNA_F
ClientSampleId :

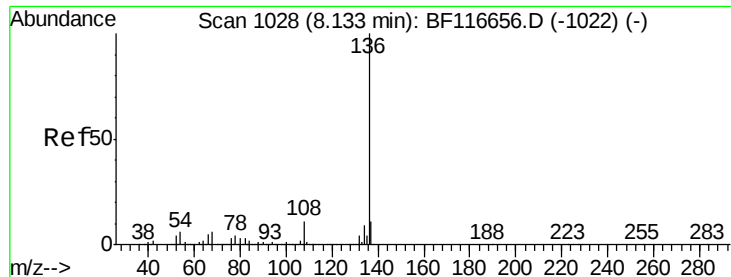
Tot Ion:	70	Resp:	183530
Ion	Ratio	Lower	Upper
70	100		
42	43.9	43.5	65.3
101	10.3	7.8	11.6
130	22.3	16.6	24.8



#20
3+4-Methylphenols
Concen: 45.629 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion:	107	Resp:	260059
Ion	Ratio	Lower	Upper
107	100		
108	88.3	65.5	105.5
77	116.3	69.4	109.4#
79	29.4	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 347107

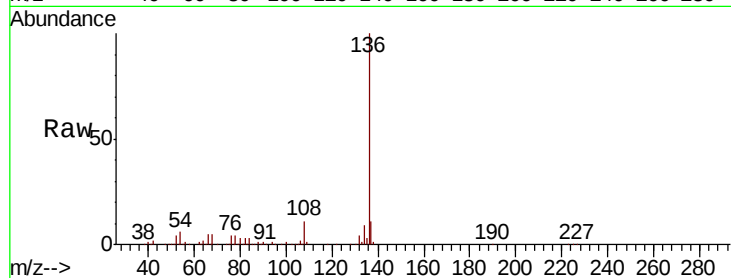
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 5.7 4.8 7.2

68 4.9 4.0 6.0

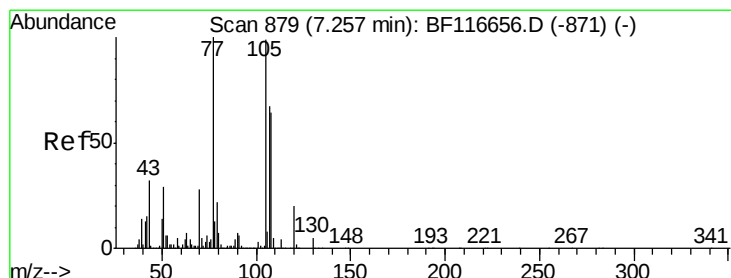
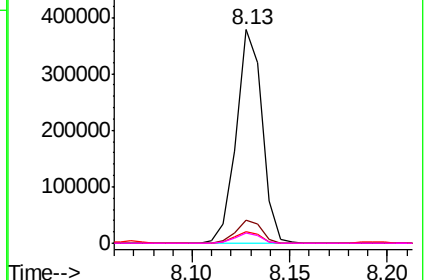
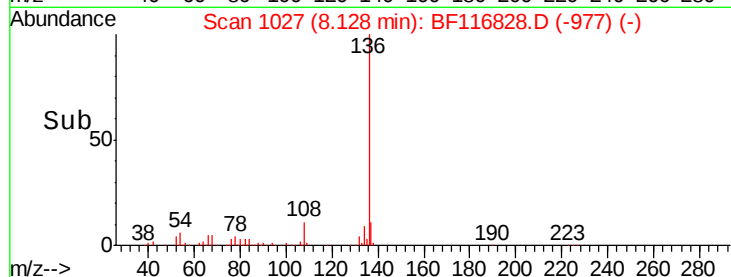


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.091 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

Tgt Ion:105 Resp: 368449

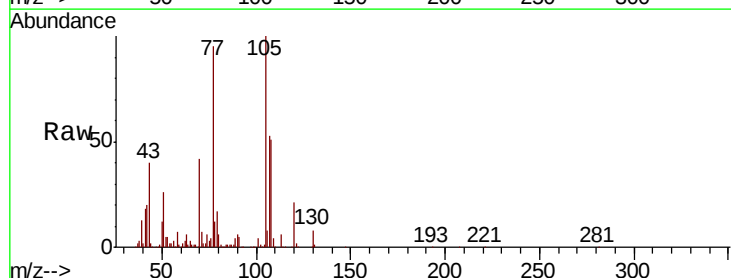
Ion Ratio Lower Upper

105 100

71 7.1 4.2 6.4#

51 26.4 25.8 38.8

120 21.0 16.4 24.6

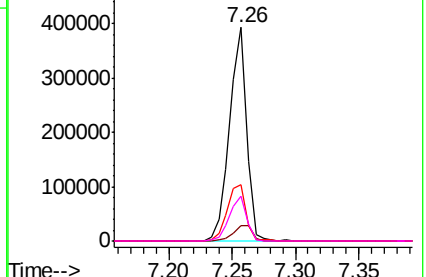
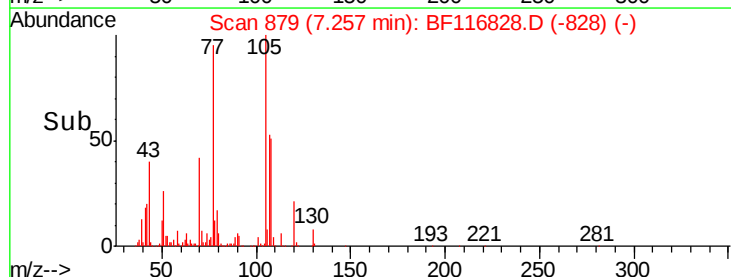


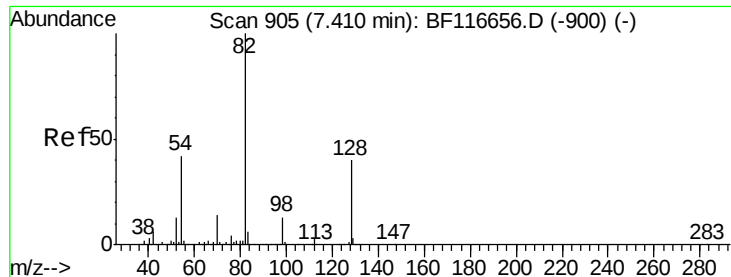
Abundance Ion 105.00 (104.70 to 105.70): E

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

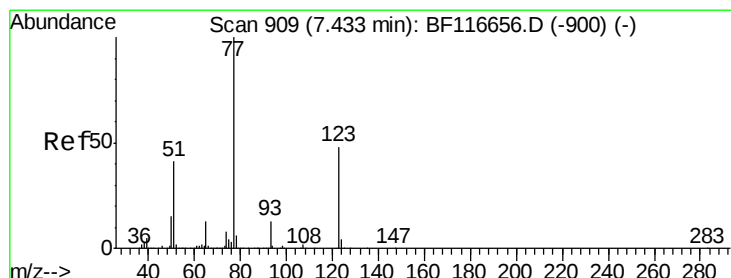
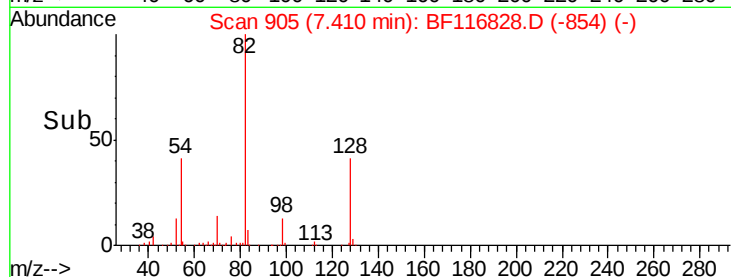
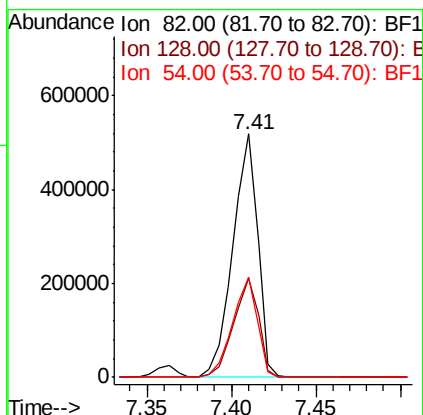
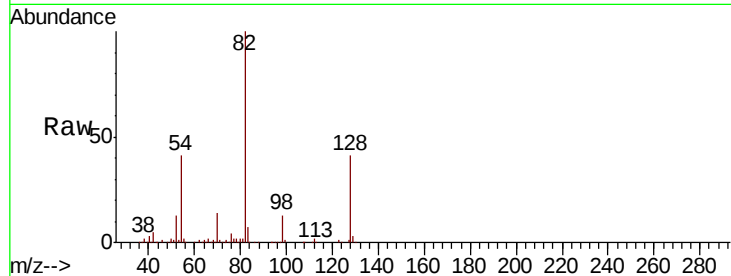




#23
 Nitrobenzene-d5
 Concen: 87.370 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116828.D
 Acq: 5 Sep 2019 10:49

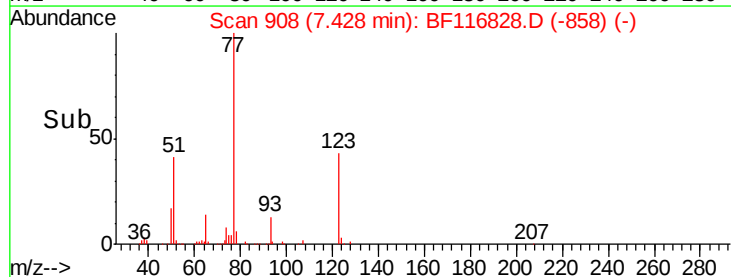
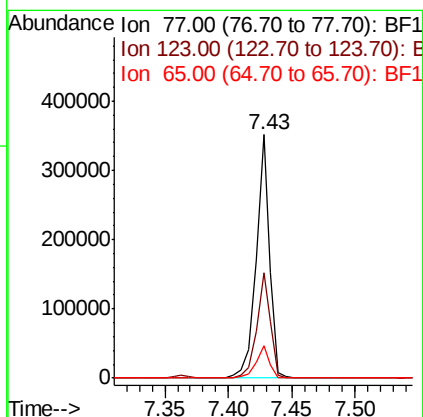
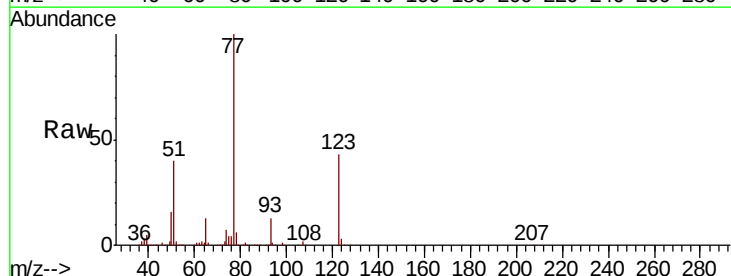
Instrument :
 BNA_F
 ClientSampleId :

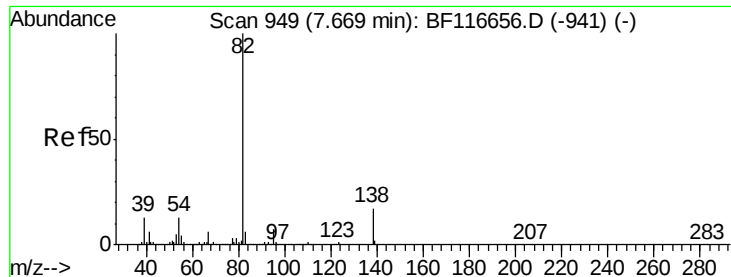
Tot Ion	82	Resp	531234
Ion Ratio	Lower	Upper	
82	100		
128	40.6	32.8	49.2
54	41.3	36.9	55.3



#24
 Nitrobenzene
 Concen: 42.782 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116828.D
 Acq: 5 Sep 2019 10:49

Tgt Ion	77	Resp	264559
Ion Ratio	Lower	Upper	
77	100		
123	43.2	33.1	49.7
65	13.2	10.6	15.8





#25

Isophorone

Concen: 40.494 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

Instrument :

BNA_F

ClientSampleId :

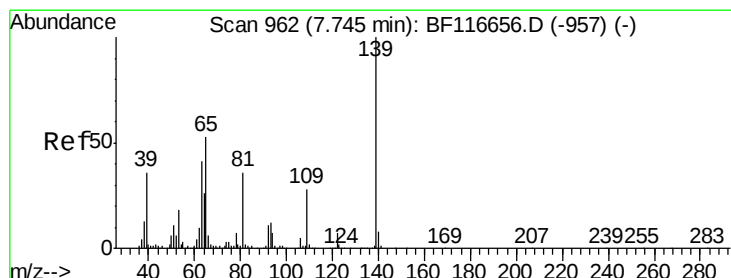
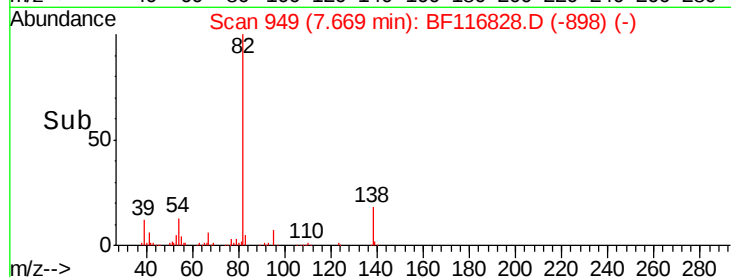
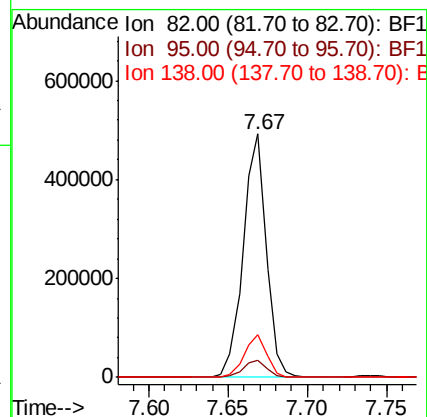
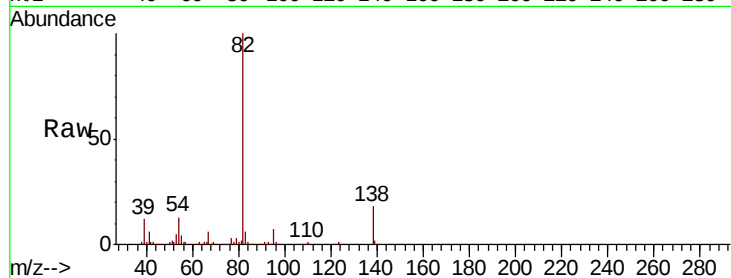
Tot Ion: 82 Resp: 498918

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 17.5 13.5 20.3



#26

2-Nitrophenol

Concen: 47.697 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

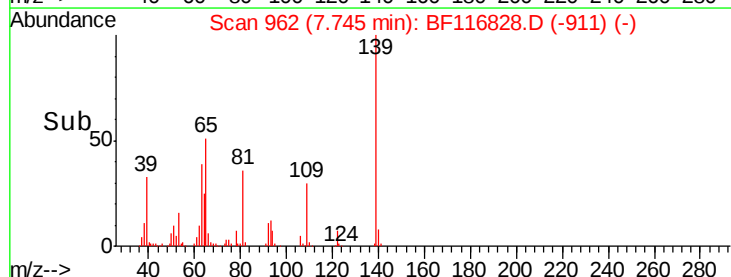
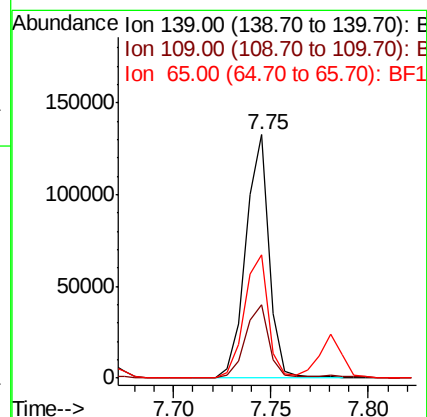
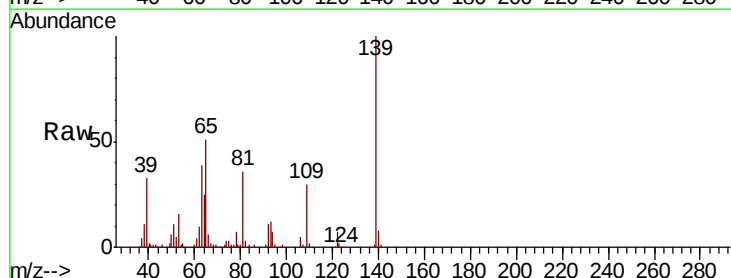
Tgt Ion: 139 Resp: 109658

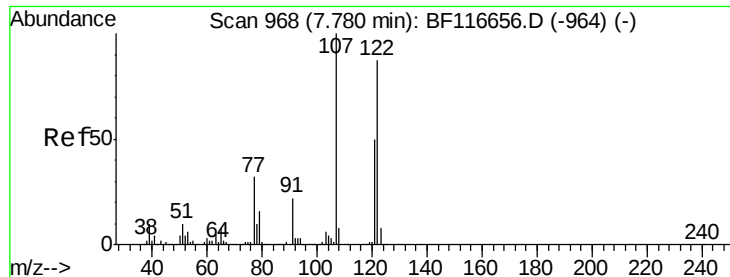
Ion Ratio Lower Upper

139 100

109 30.0 27.1 40.7

65 50.9 43.0 64.6

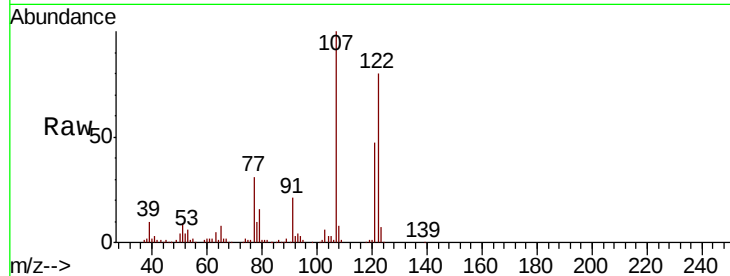




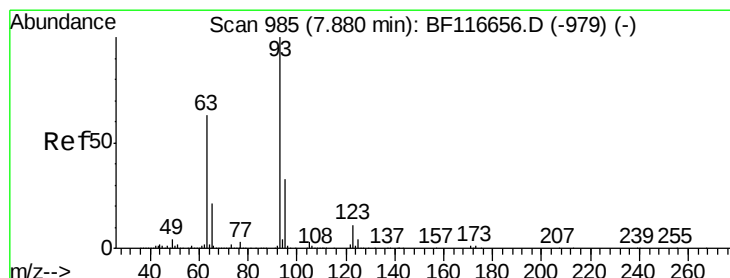
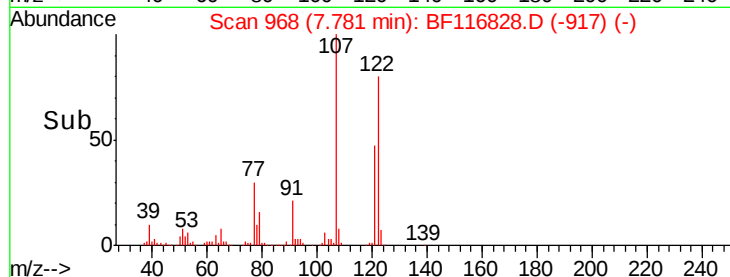
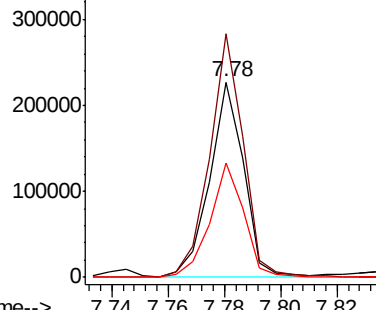
#27
2,4-Dimethylphenol
Concen: 40.931 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.6	98.1	147.1
121	58.3	47.3	70.9

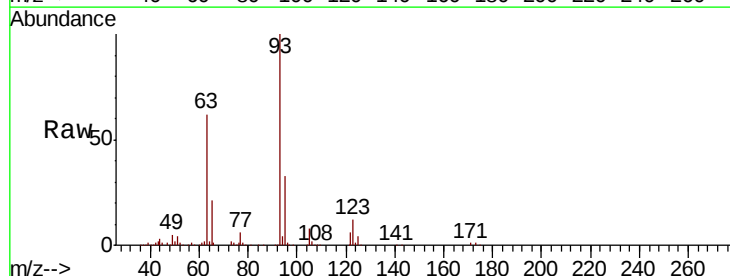


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

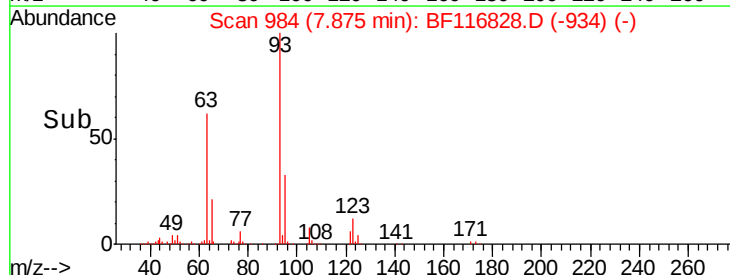
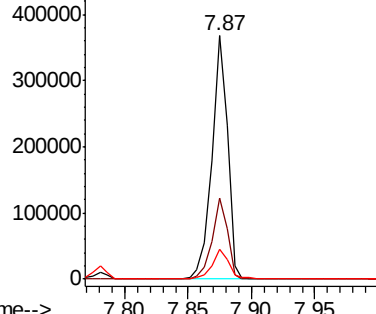


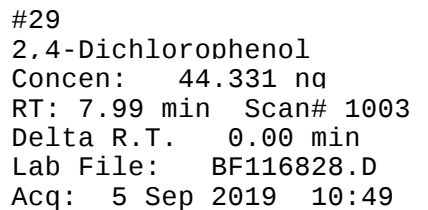
#28
bis(2-Chloroethoxy)methane
Concen: 41.257 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.4	39.6
123	12.0	9.8	14.8



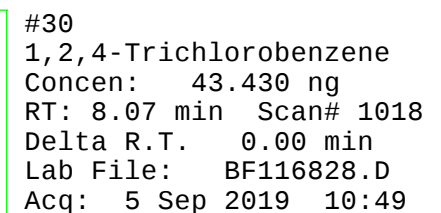
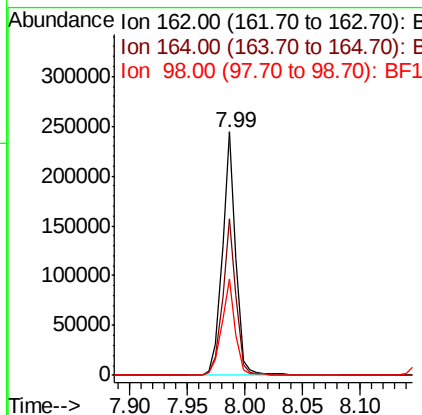
Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E



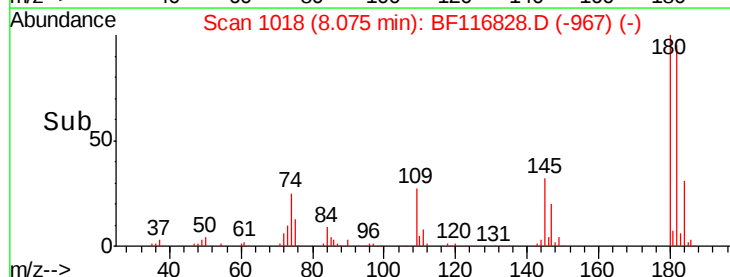
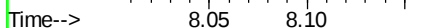
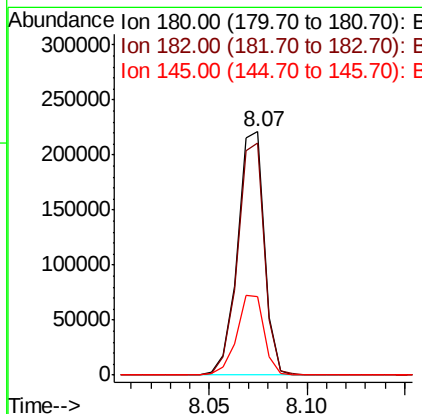


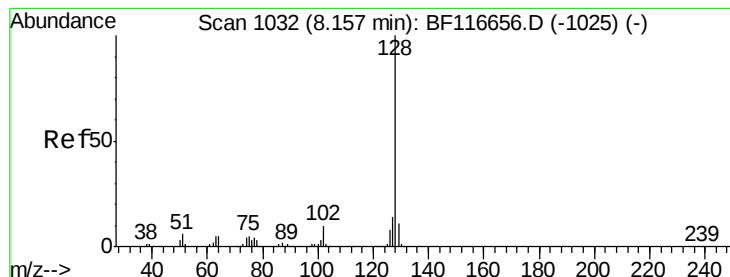
Instrument :
BNA_F
ClientSampleId :

Tot	Ion:162	Resp:	197813
Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.4	83.4
98	39.6	18.1	58.1



Tgt	Ion:180	Resp:	210194
Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.6	118.0
145	32.0	25.7	38.5





#31

Naphthalene

Concen: 42.952 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

Instrument :

BNA_F

ClientSampled :

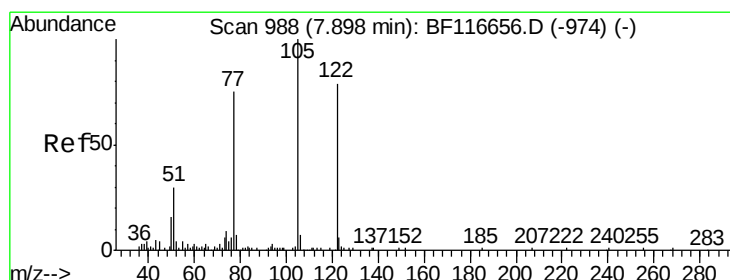
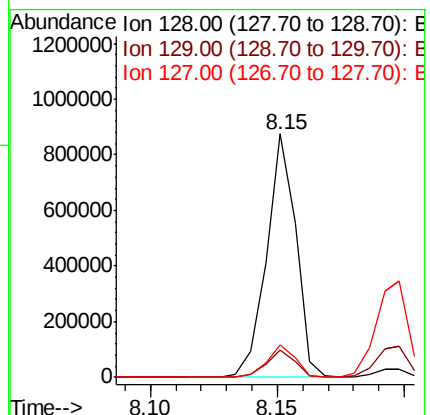
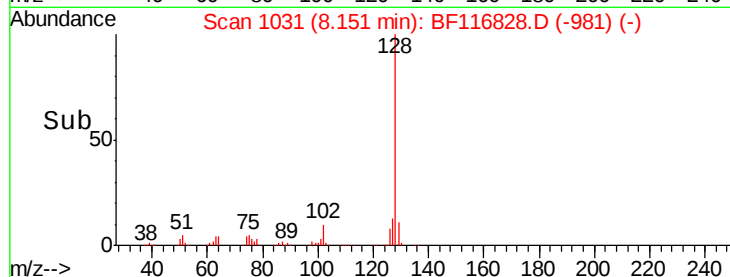
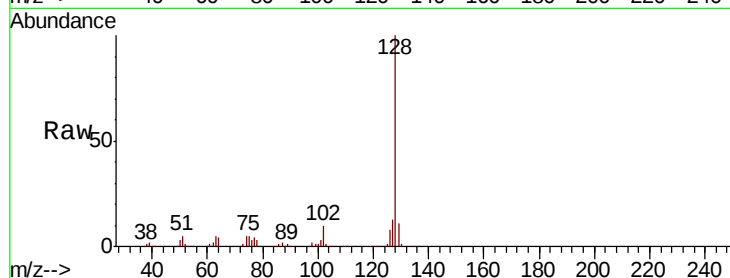
Tot Ion:128 Resp: 708943

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.3 10.4 15.6



#32

Benzoic acid

Concen: 39.616 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

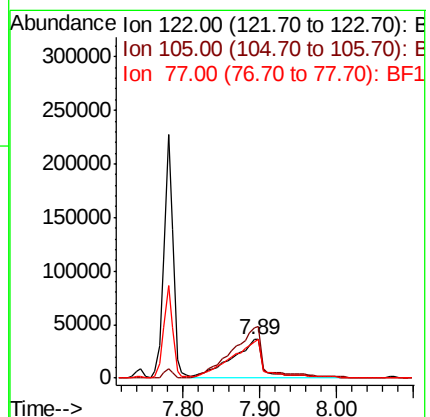
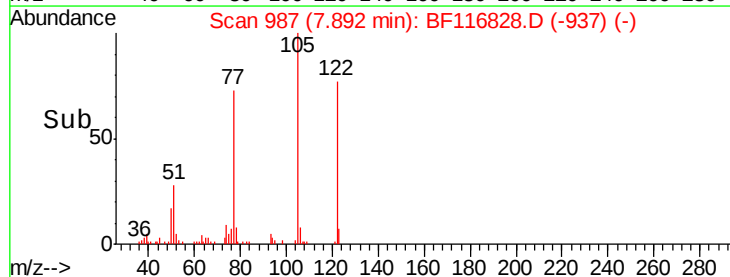
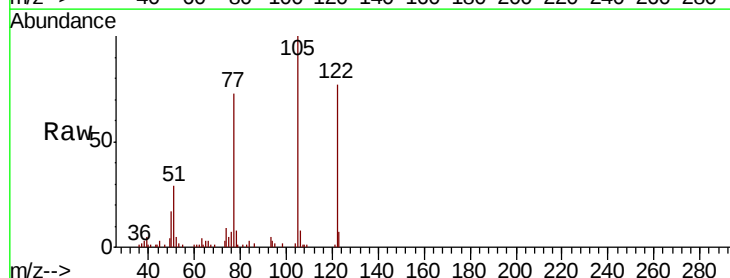
Tgt Ion:122 Resp: 103863

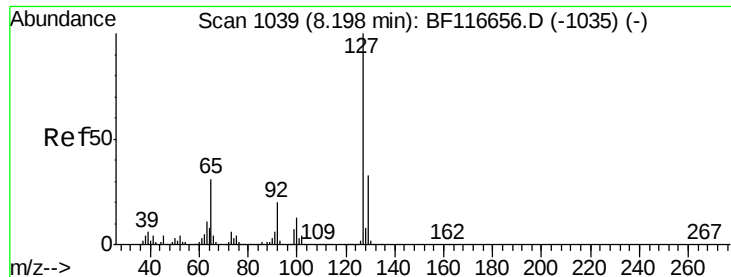
Ion Ratio Lower Upper

122 100

105 129.8 110.0 150.0

77 94.3 81.7 121.7

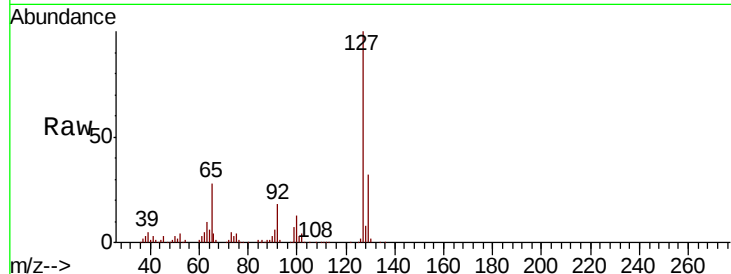




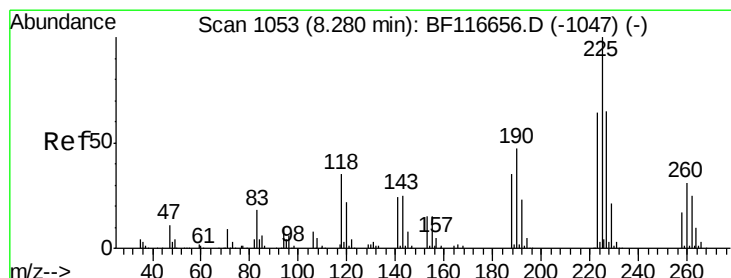
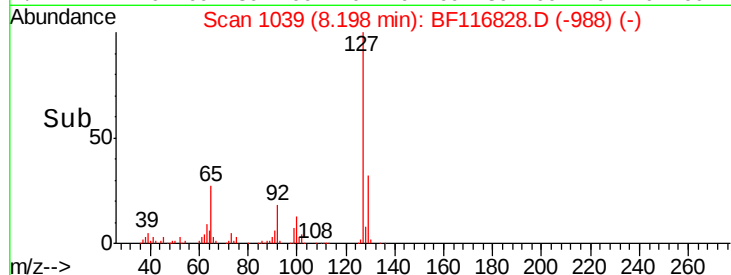
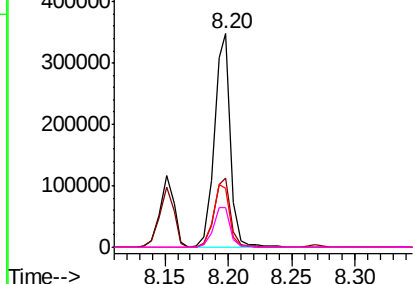
#33
4-Chloroaniline
Concen: 41.496 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	311767
Ion Ratio	Lower	Upper
127	100	
129	32.2	26.2 39.2
65	27.5	26.0 39.0
92	18.4	16.1 24.1

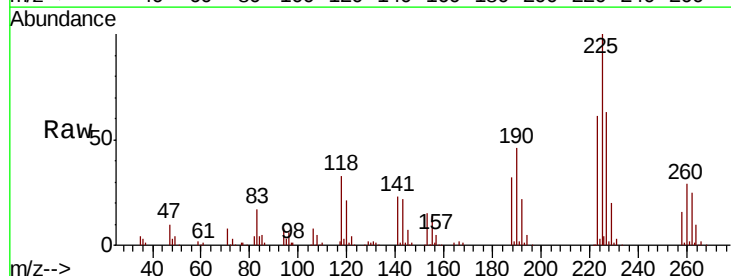


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

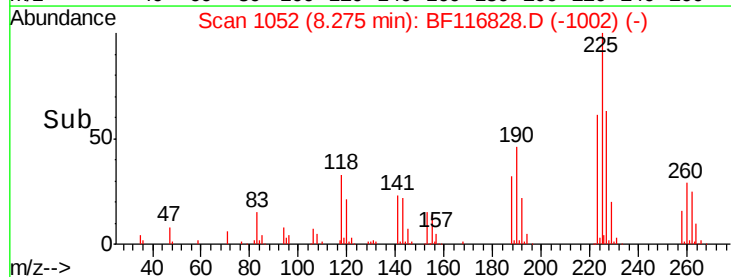
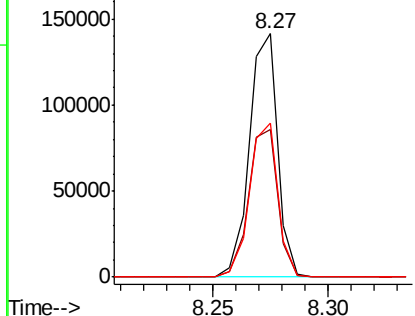


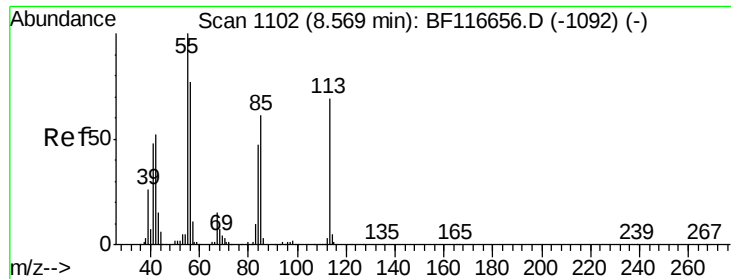
#34
Hexachlorobutadiene
Concen: 45.942 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion:225	Resp:	121237
Ion Ratio	Lower	Upper
225	100	
223	60.5	49.4 74.2
227	63.0	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

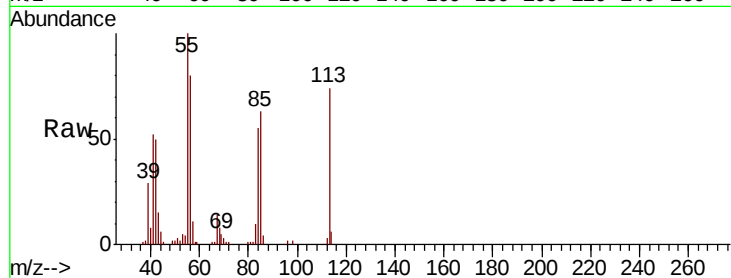




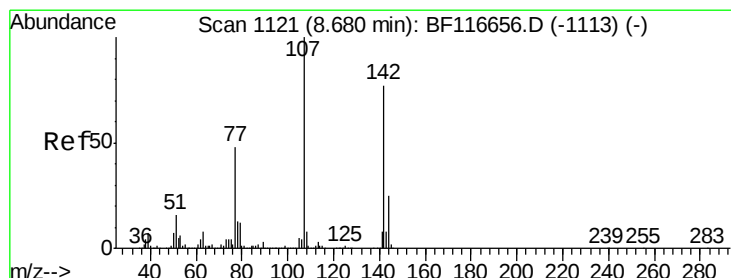
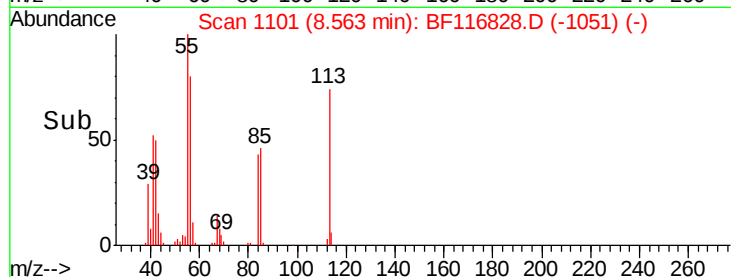
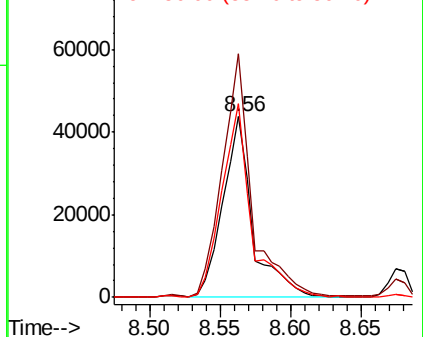
#35
Caprolactam
Concen: 38.445 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 64202
Ion Ratio Lower Upper
113 100
55 134.9 124.3 164.3
56 107.7 94.6 134.6

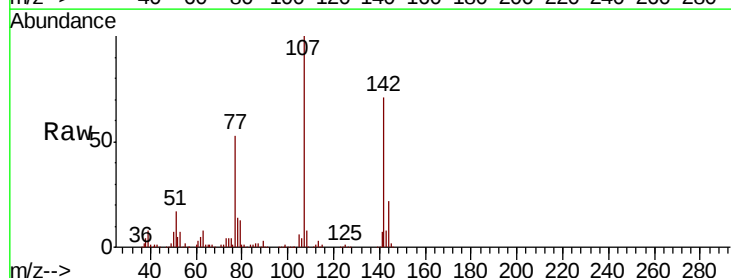


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

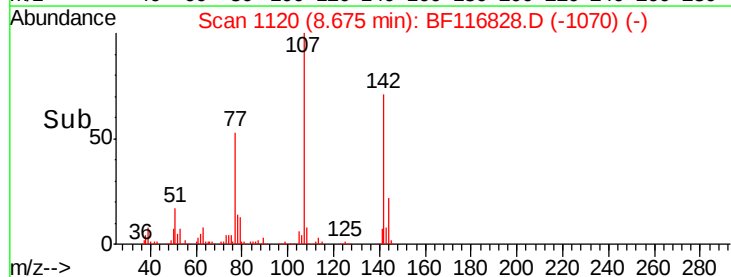
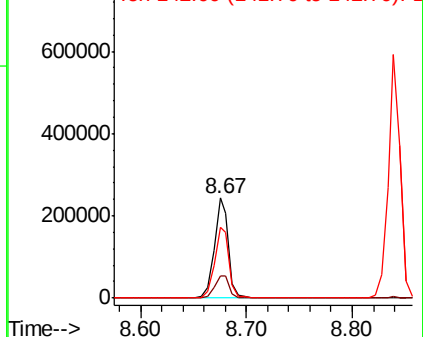


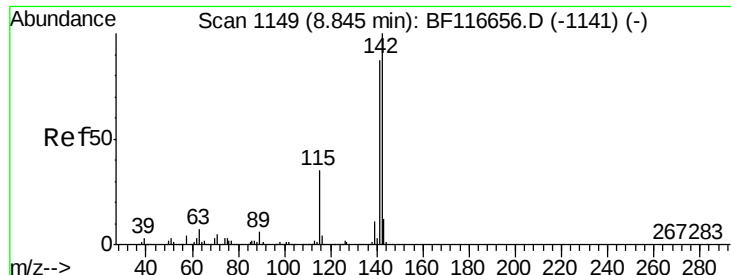
#36
4-Chloro-3-methylphenol
Concen: 44.825 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion:107 Resp: 229888
Ion Ratio Lower Upper
107 100
144 22.4 18.6 27.8
142 70.9 58.5 87.7



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

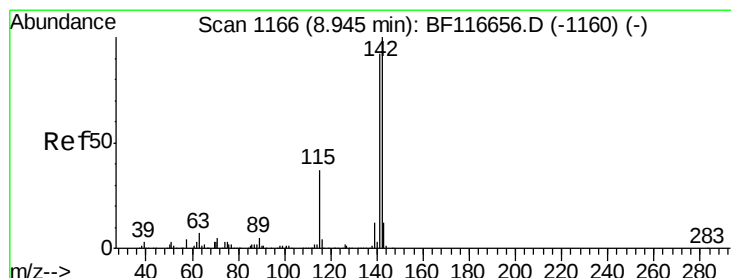
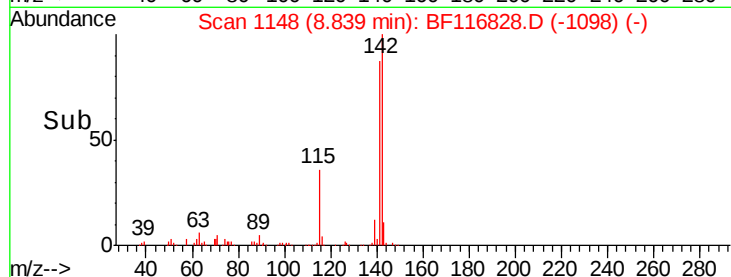
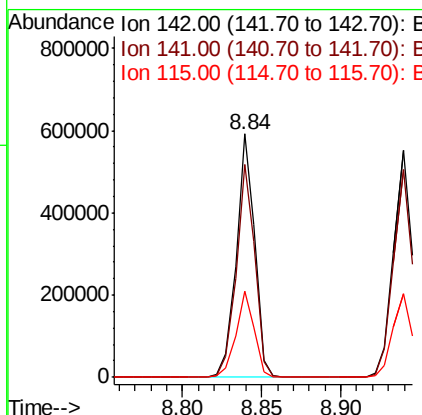
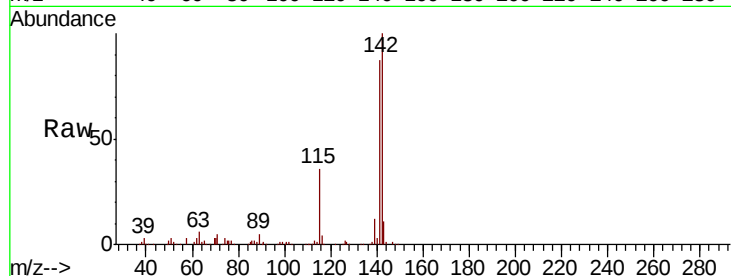




#37
2-Methylnaphthalene
Concen: 43.387 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

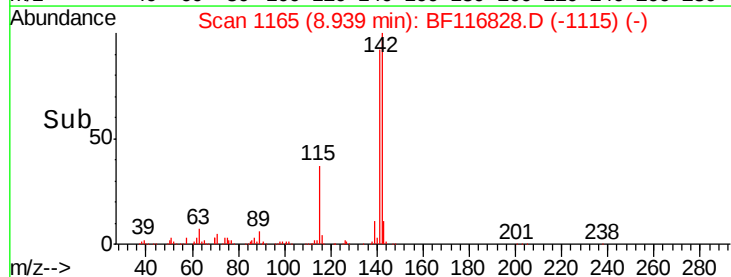
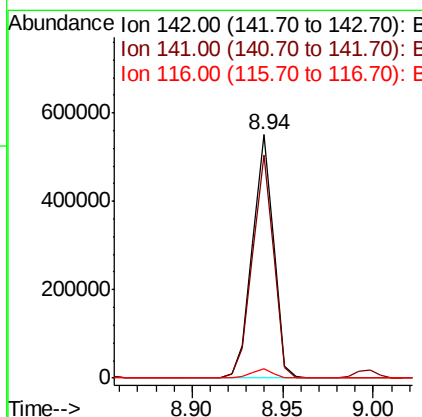
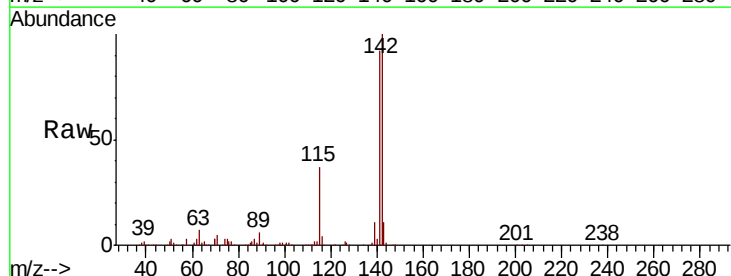
Instrument :
BNA_F
ClientSampleId :

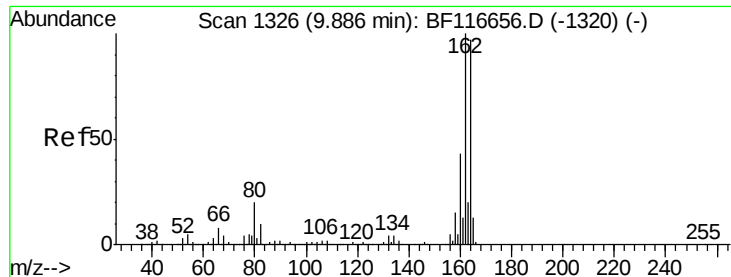
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	72.6	109.0
115	35.6	29.8	44.6



#38
1-Methylnaphthalene
Concen: 43.150 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.9	110.9
116	3.9	3.0	4.6

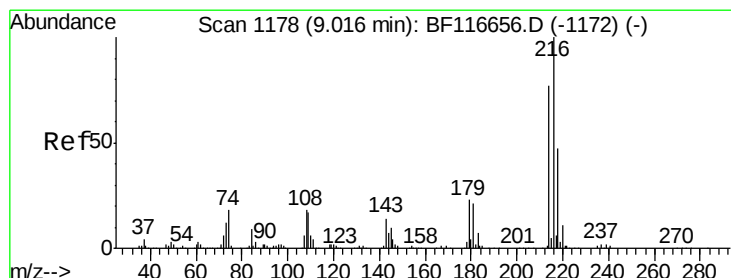
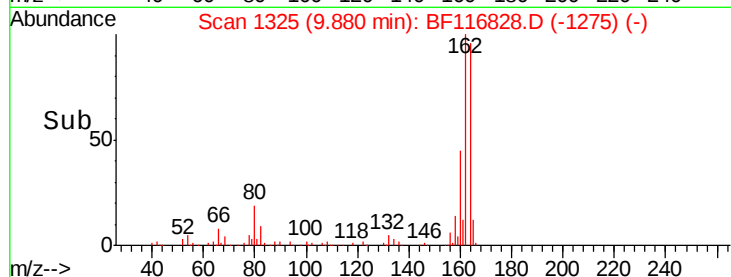
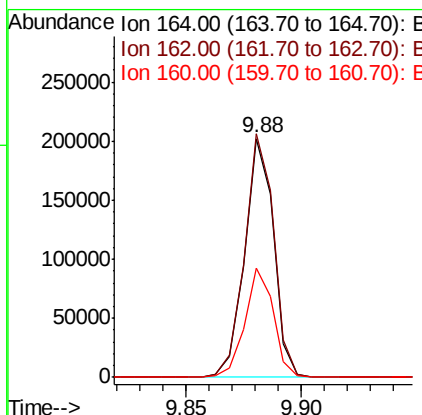
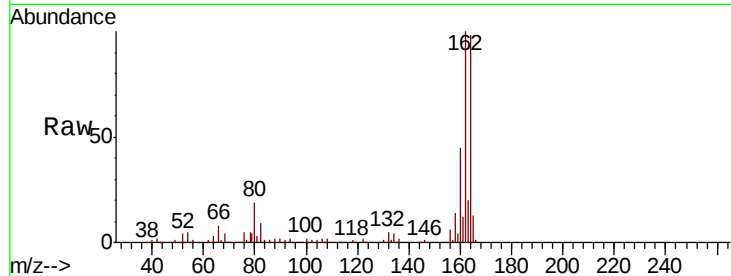




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

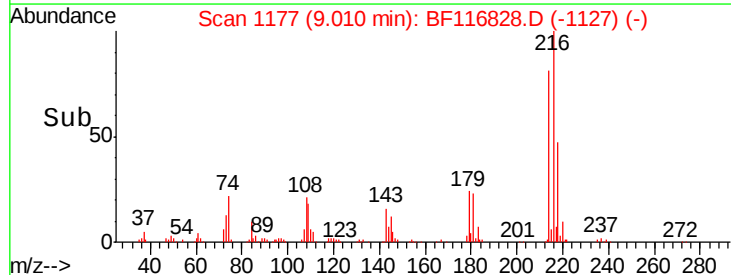
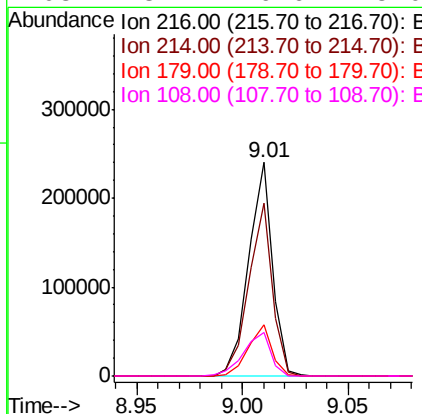
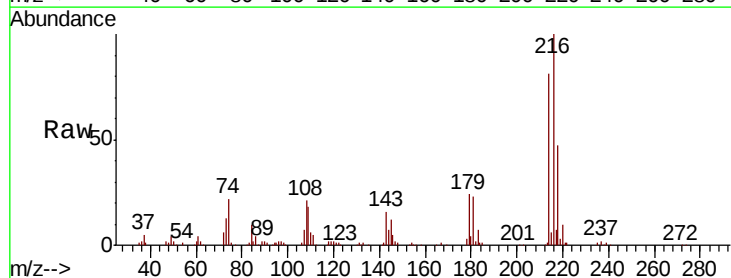
Instrument :
BNA_F
ClientSampled :

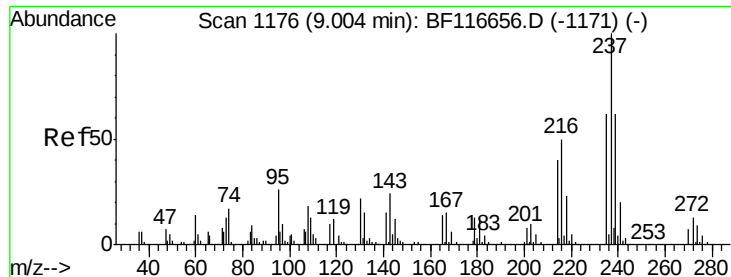
Tot Ion:164 Resp: 177369
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 45.9 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.405 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion:216 Resp: 188802
Ion Ratio Lower Upper
216 100
214 80.2 62.7 94.1
179 23.8 19.3 28.9
108 23.4 16.6 25.0





#41

Hexachlorocyclopentadiene

Concen: 43.513 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

Instrument :

BNA_F

ClientSampleId :

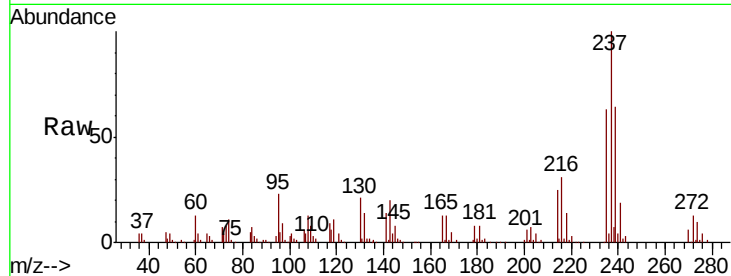
Tot Ion:237 Resp: 106837

Ion Ratio Lower Upper

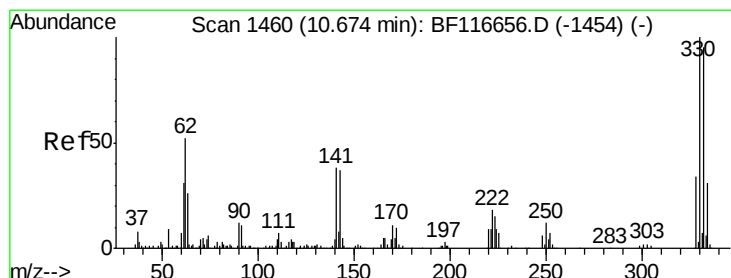
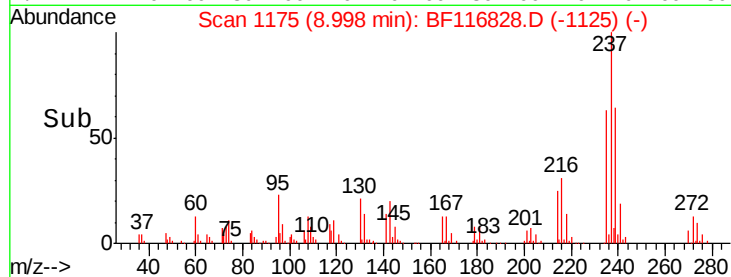
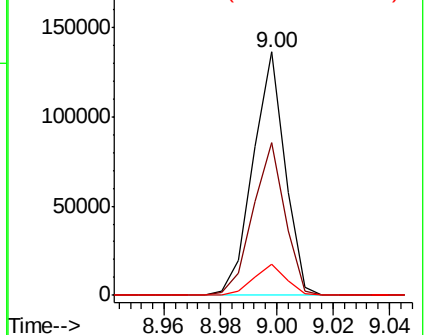
237 100

235 62.9 41.4 81.4

272 12.7 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: 107.190 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

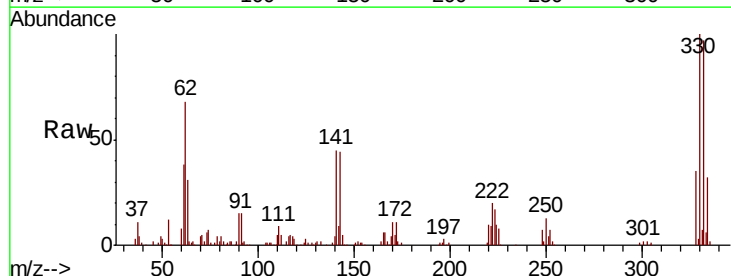
Tgt Ion:330 Resp: 127100

Ion Ratio Lower Upper

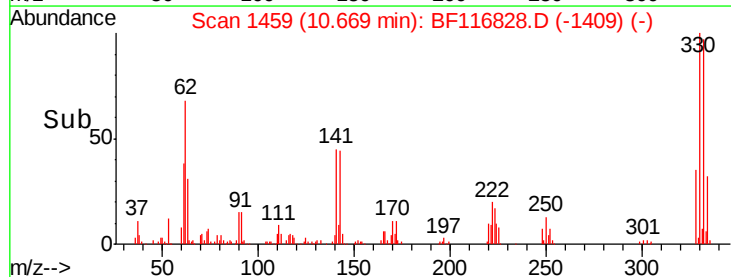
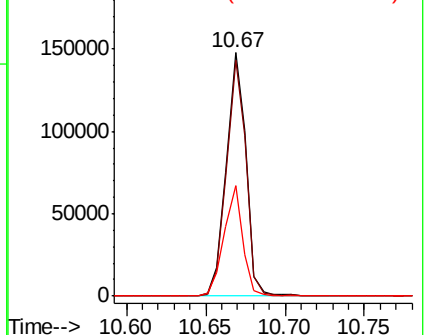
330 100

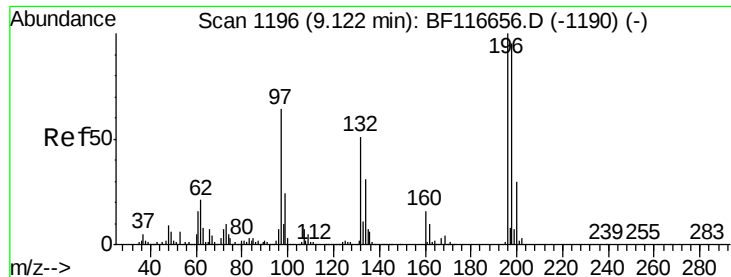
332 96.6 76.9 115.3

141 43.3 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

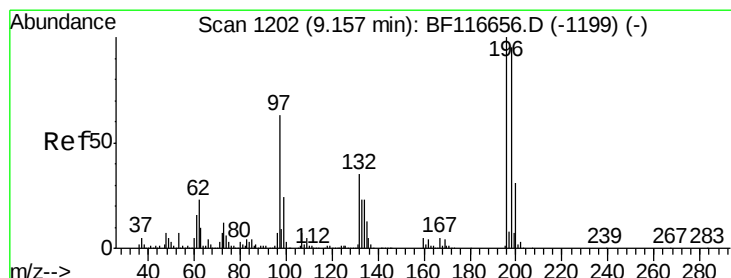
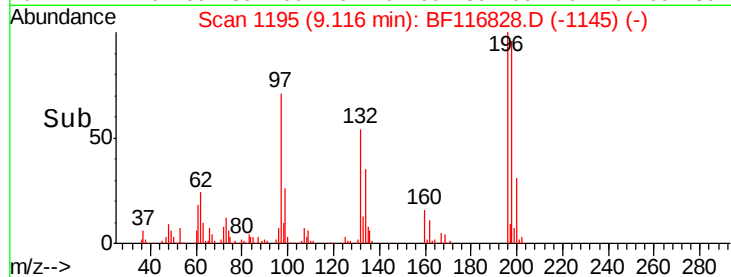
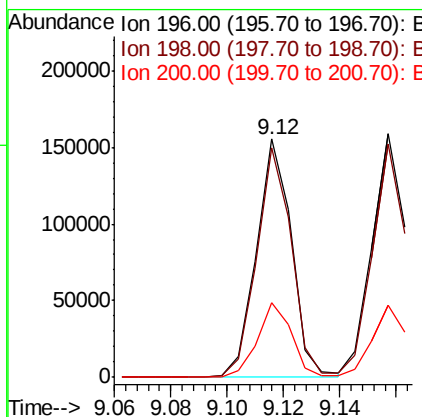
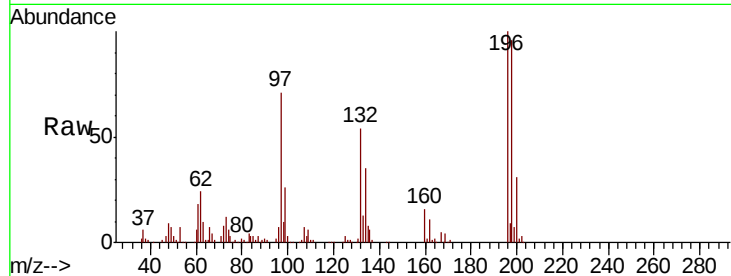




#43
 2,4,6-Trichlorophenol
 Concen: 46.031 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116828.D
 Acq: 5 Sep 2019 10:49

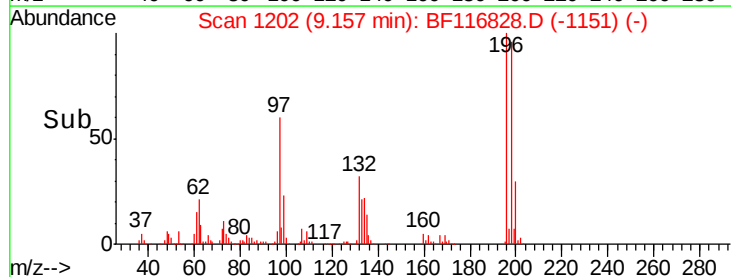
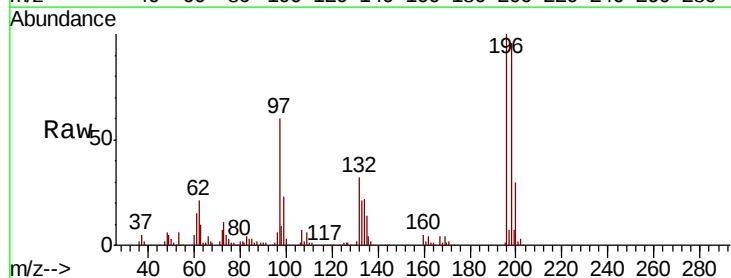
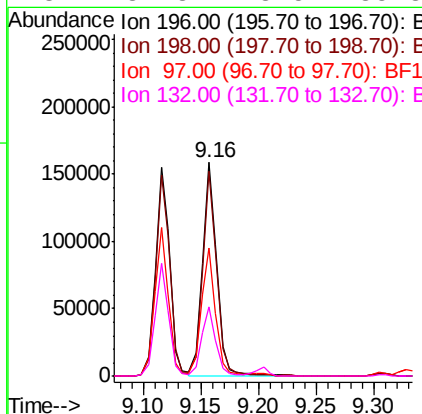
Instrument :
 BNA_F
 ClientSampleId :

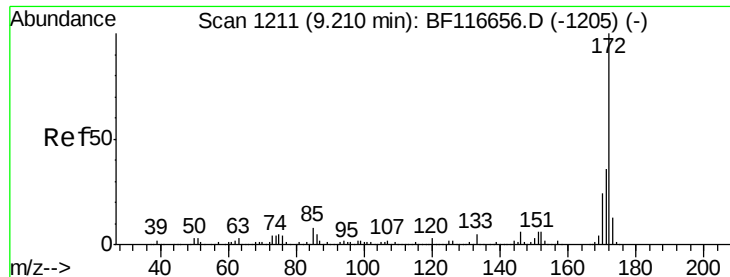
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	79.1	118.7
200	31.2	24.0	36.0



#44
 2,4,5-Trichlorophenol
 Concen: 46.196 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF116828.D
 Acq: 5 Sep 2019 10:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	78.1	117.1
97	60.0	41.6	62.4
132	32.3	23.5	35.3

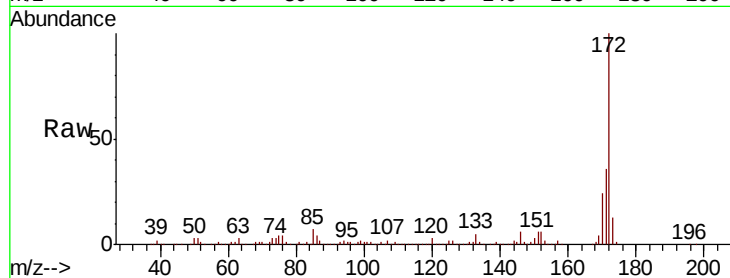




#45
 2-Fluorobiphenyl
 Concen: 91.346 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116828.D
 Acq: 5 Sep 2019 10:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.8	41.6
170	23.9	18.9	28.3

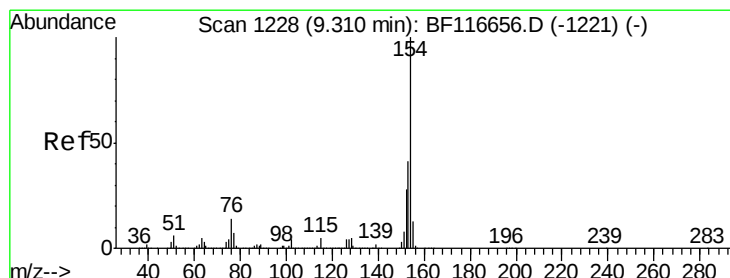
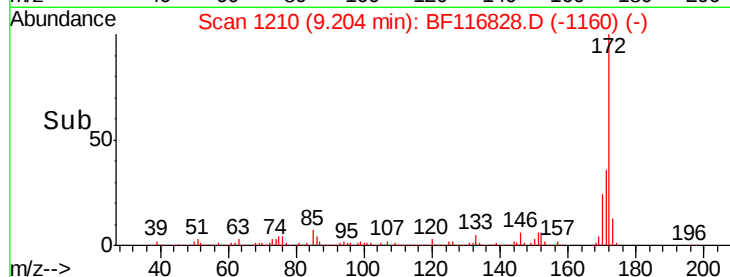
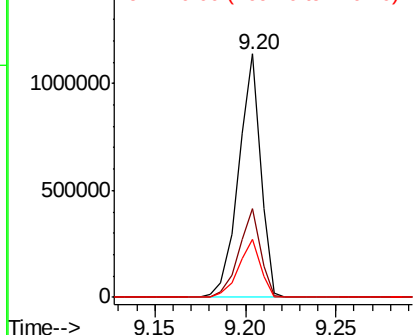


Abundance

Ion 172.00 (171.70 to 172.70): E

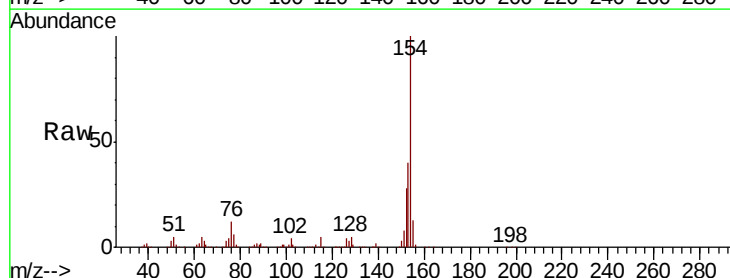
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 43.496 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF116828.D
 Acq: 5 Sep 2019 10:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.2	61.2
76	12.2	0.0	30.9

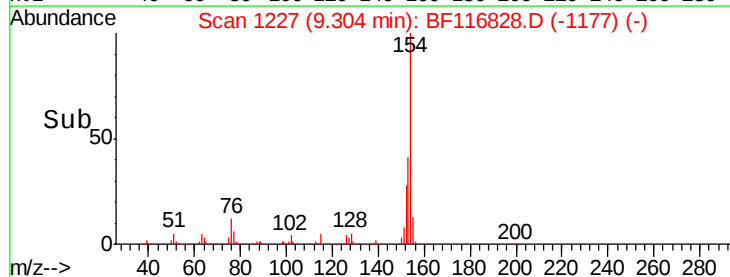
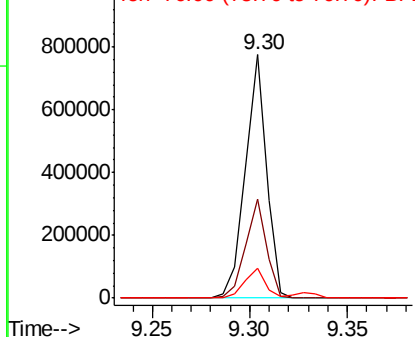


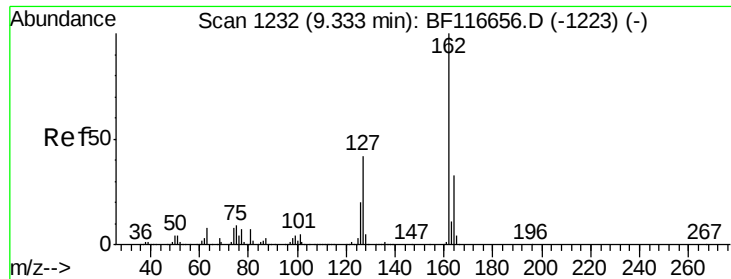
Abundance

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

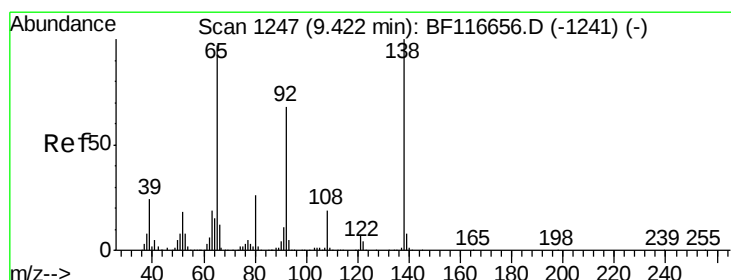
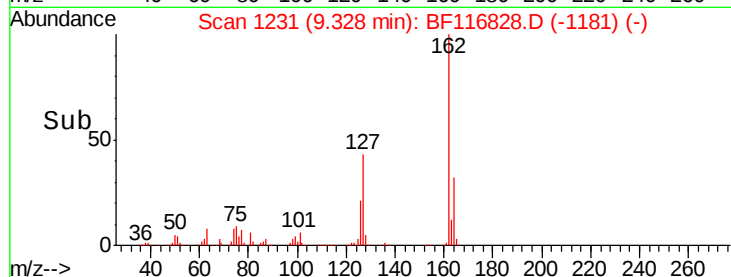
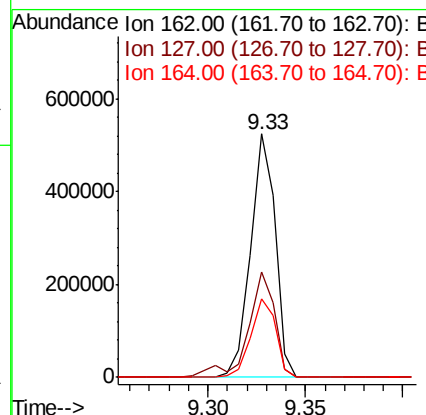
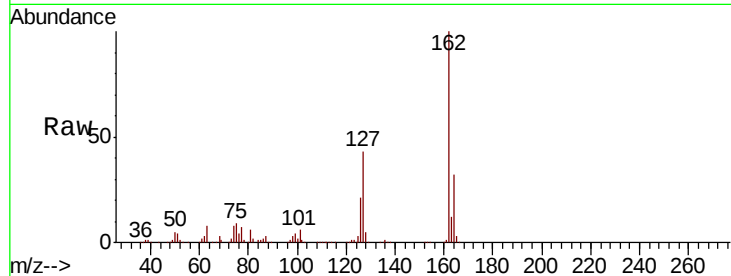




#47
 2-Chloronaphthalene
 Concen: 42.993 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF116828.D
 Acq: 5 Sep 2019 10:49

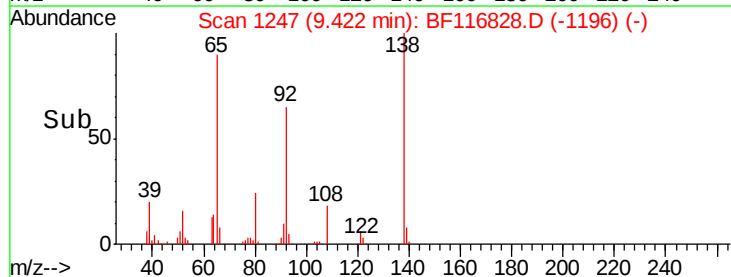
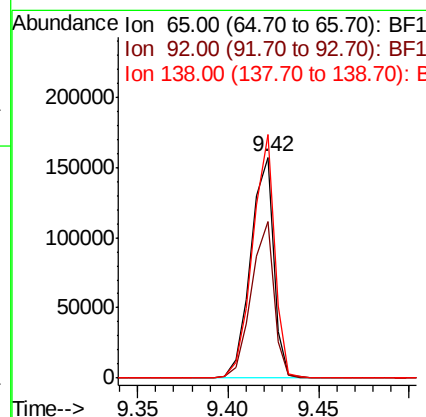
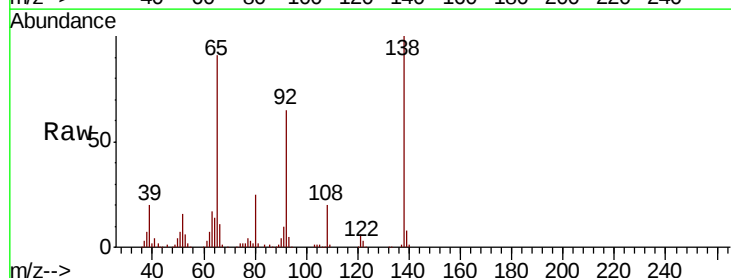
Instrument :
 BNA_F
 ClientSampleId :

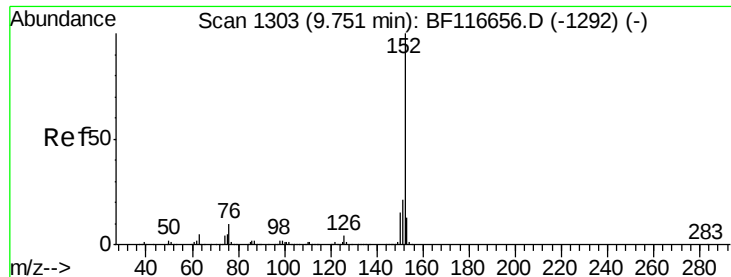
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.4	33.4	50.2
164	32.2	26.6	39.8



#48
 2-Nitroaniline
 Concen: 45.201 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF116828.D
 Acq: 5 Sep 2019 10:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	57.1	85.7
138	110.4	88.2	132.2

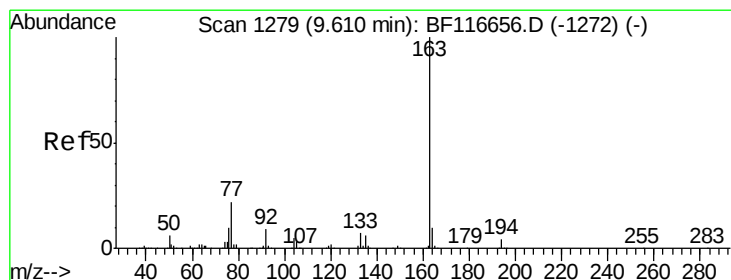
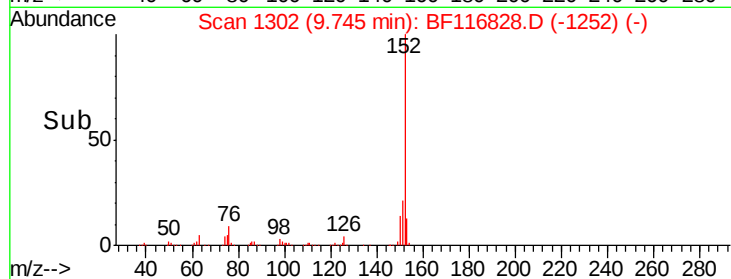
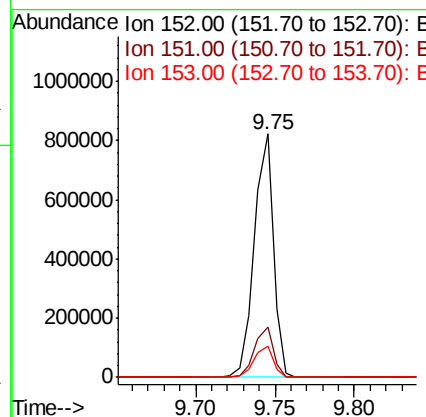
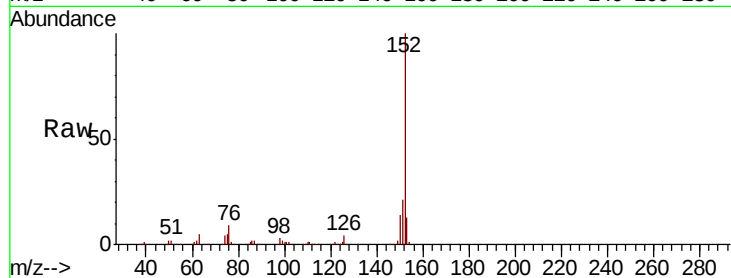




#49
Acenaphthylene
Concen: 42.837 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

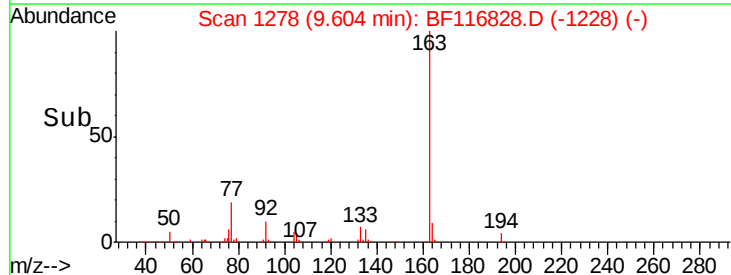
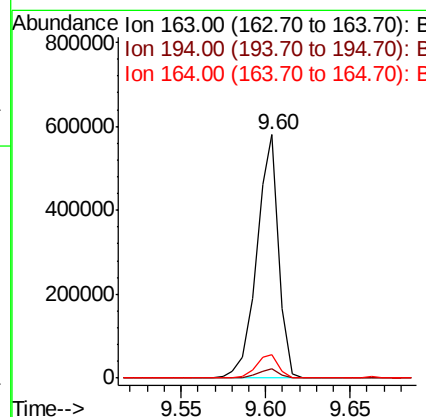
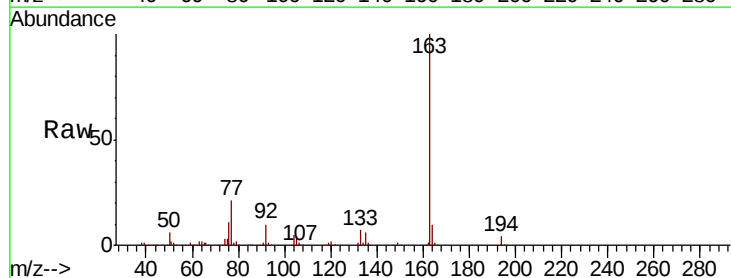
Instrument :
BNA_F
ClientSampled :

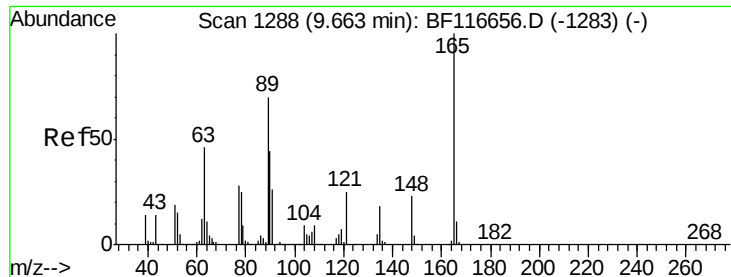
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.9	23.9
153	12.8	10.9	16.3



#50
Dimethylphthalate
Concen: 42.694 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.8	4.2
164	9.6	8.6	12.8

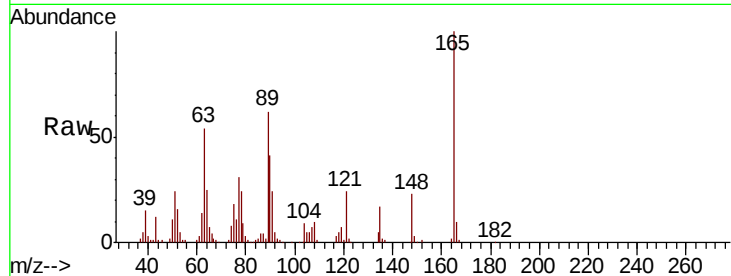




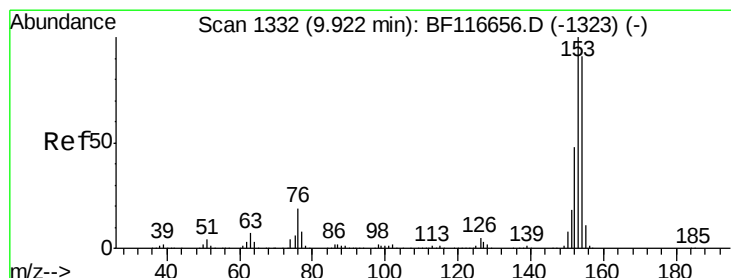
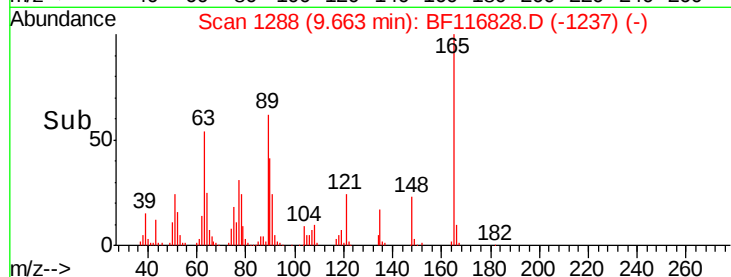
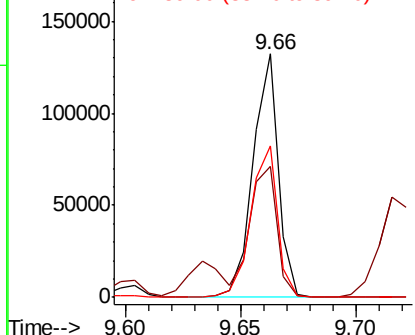
#51
 2,6-Dinitrotoluene
 Concen: 43.445 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BF116828.D
 Acq: 5 Sep 2019 10:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 101504
 Ion Ratio Lower Upper
 165 100
 63 53.7 47.3 70.9
 89 62.0 52.5 78.7

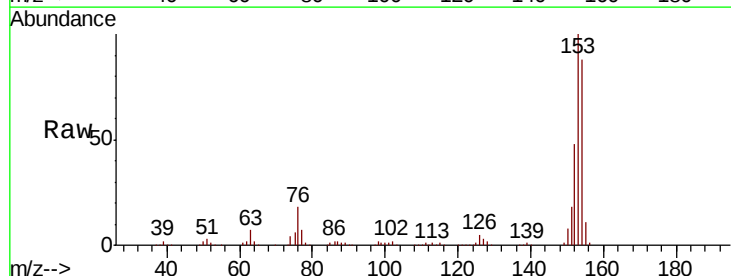


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

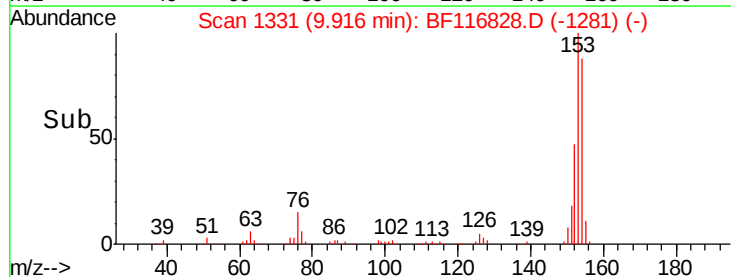
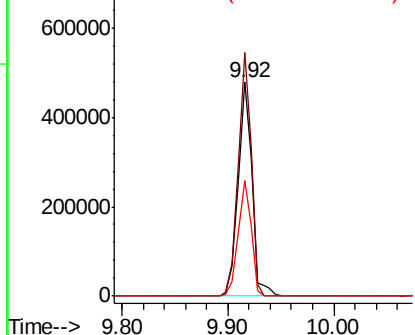


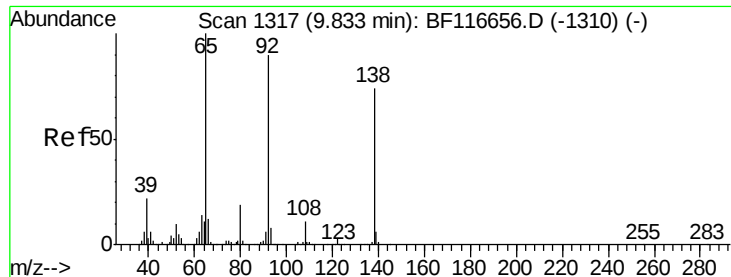
#52
 Acenaphthene
 Concen: 43.053 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF116828.D
 Acq: 5 Sep 2019 10:49

Tgt Ion:154 Resp: 426265
 Ion Ratio Lower Upper
 154 100
 153 114.0 89.5 134.3
 152 54.2 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

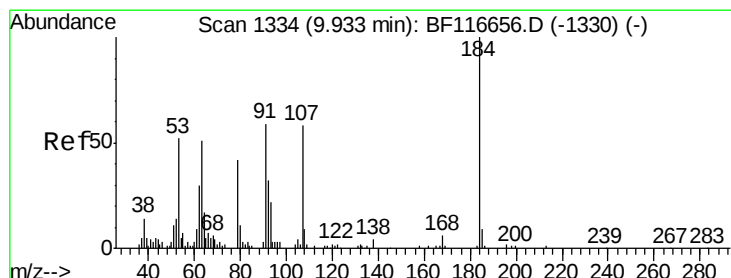
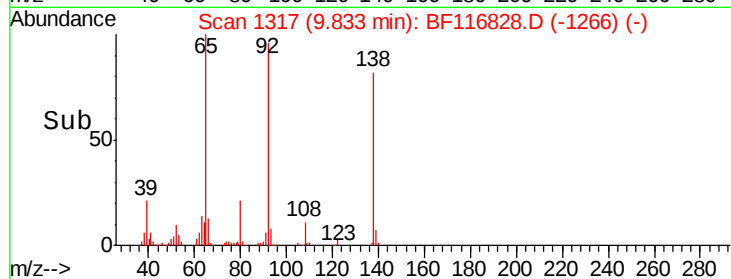
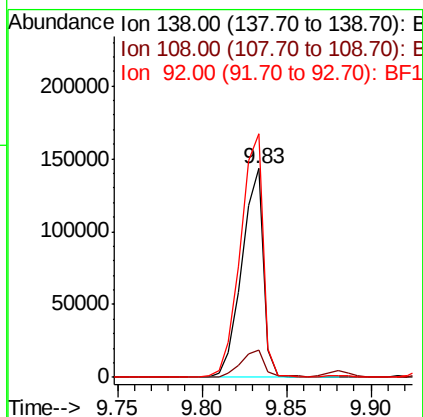
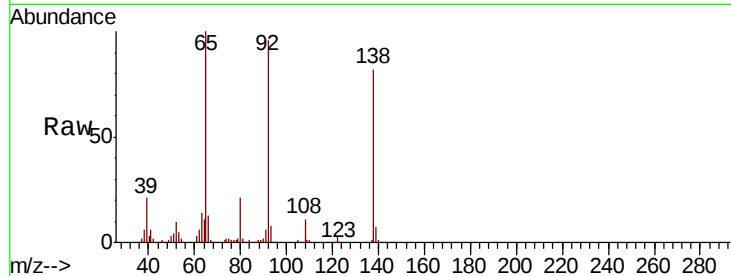




#53
3-Nitroaniline
Concen: 43.423 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

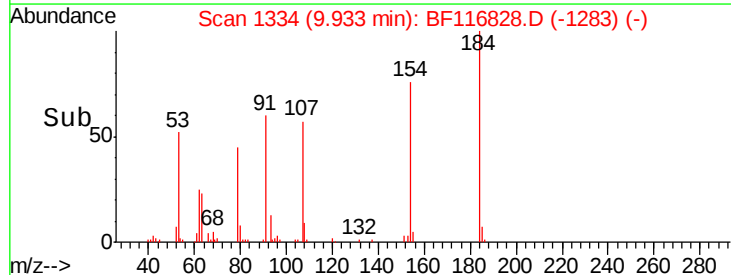
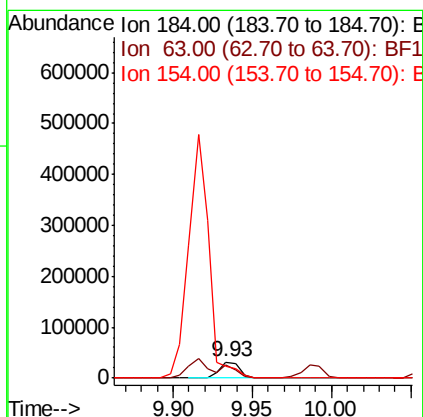
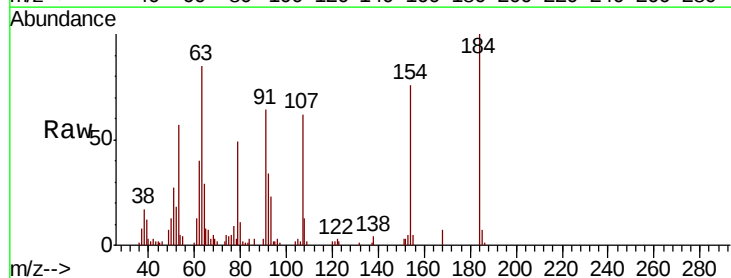
Instrument :
BNA_F
ClientSampleId :

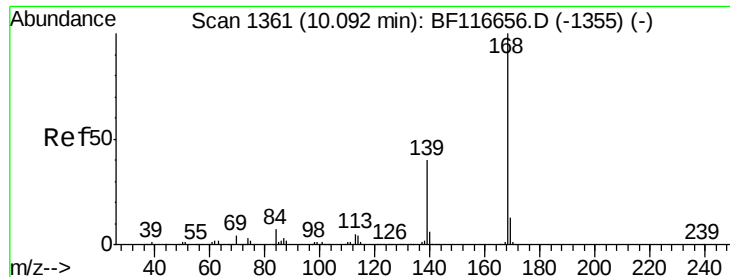
Tot Ion:138 Resp: 127140
Ion Ratio Lower Upper
138 100
108 13.0 8.5 12.7#
92 116.7 87.2 130.8



#54
2,4-Dinitrophenol
Concen: 40.677 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion:184 Resp: 29568
Ion Ratio Lower Upper
184 100
63 85.2 52.2 78.2#
154 76.4 60.8 91.2

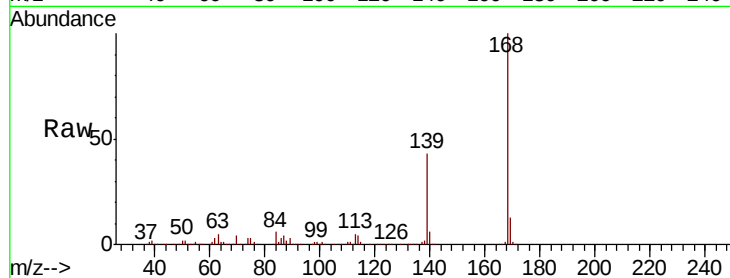




#55
Dibenzofuran
Concen: 43.420 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.6	31.5	47.3
169	13.1	10.3	15.5

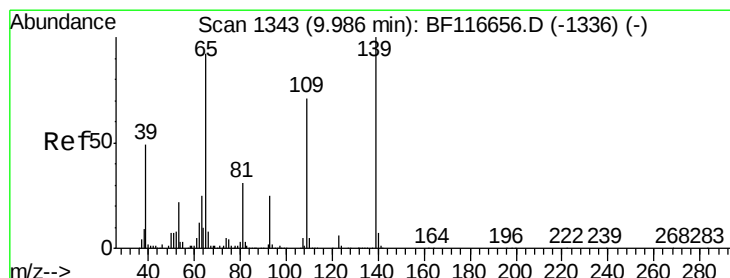
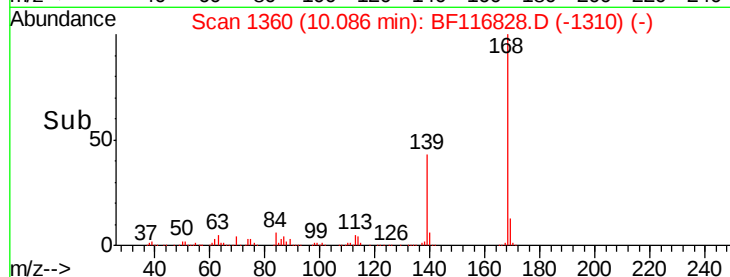
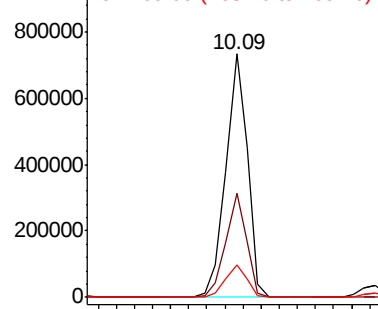


Abundance

Ion 168.00 (167.70 to 168.70): E

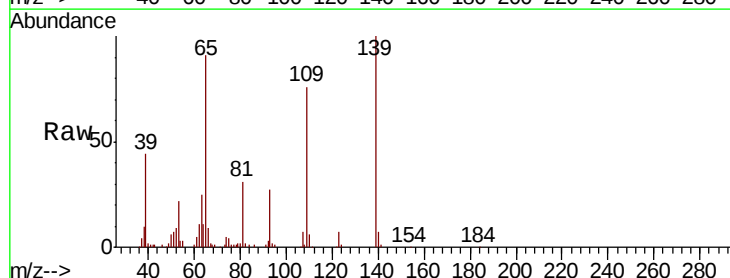
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 43.813 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.8	61.7	101.7
65	91.3	89.1	129.1

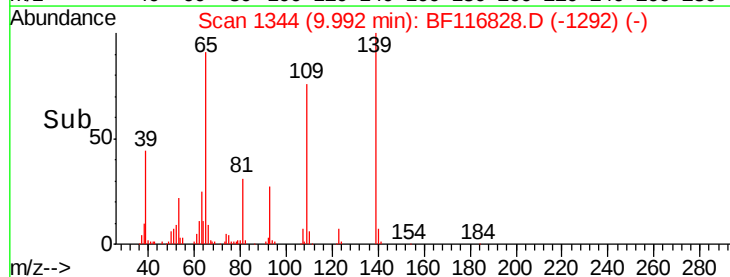
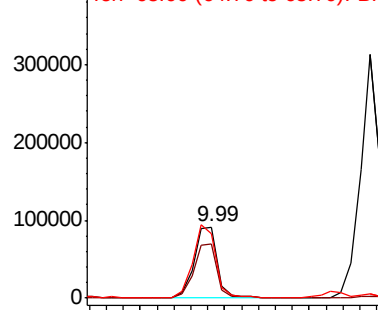


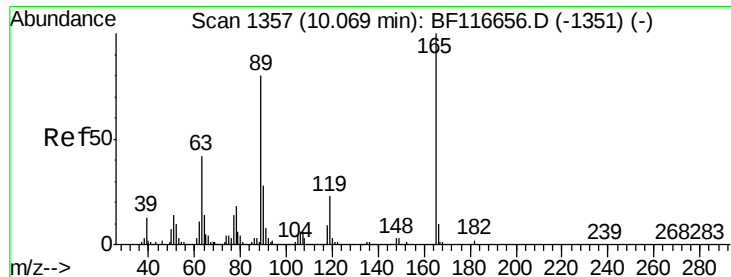
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

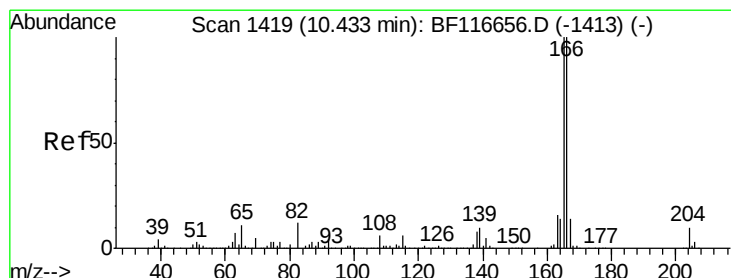
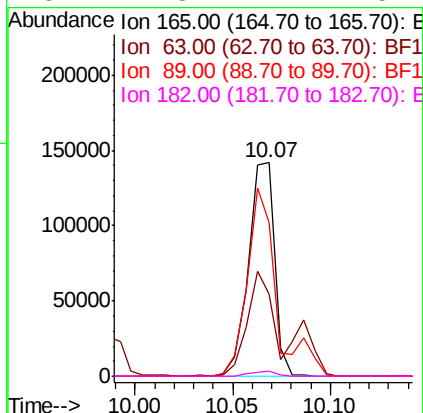
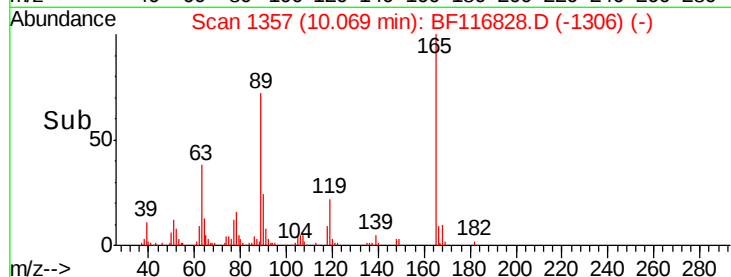
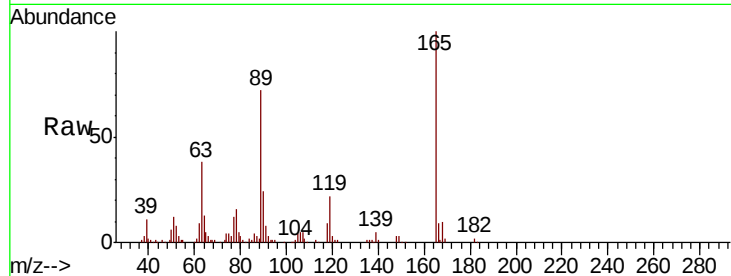




#57
2,4-Dinitrotoluene
Concen: 46.217 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

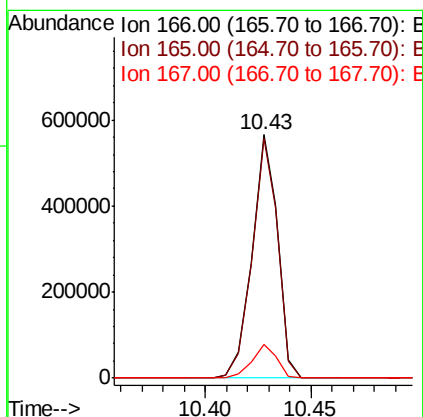
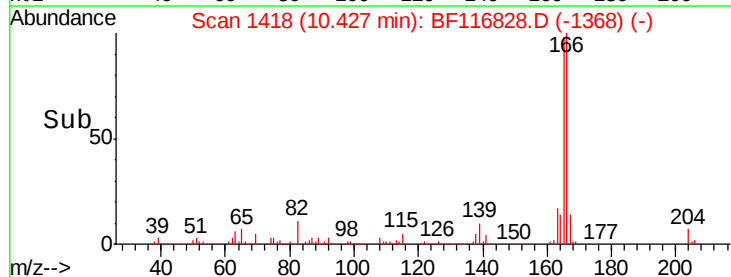
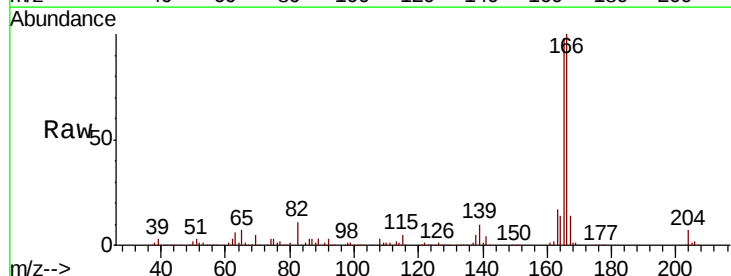
Instrument :
BNA_F
ClientSampleId :

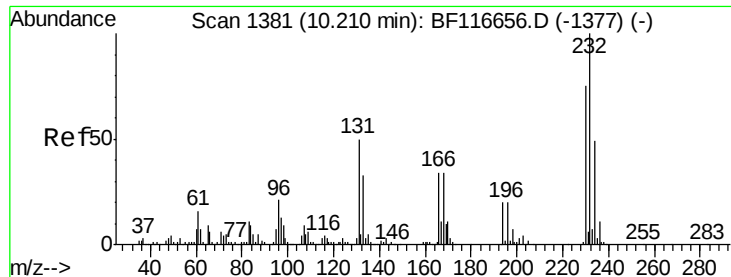
Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	38.1	36.4	54.6	
89	71.9	62.6	94.0	
182	2.3	2.1	3.1	



#58
Fluorene
Concen: 44.740 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	98.3	78.8	118.2	
167	13.9	10.0	15.0	

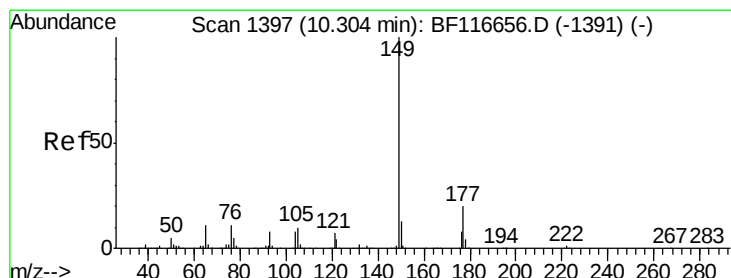
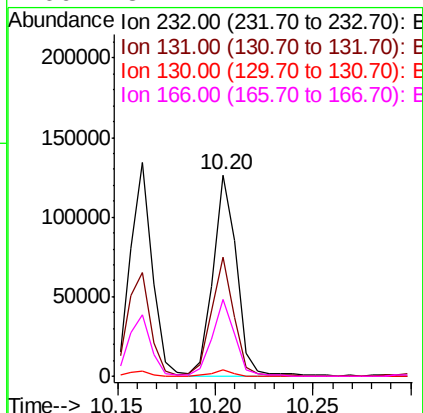
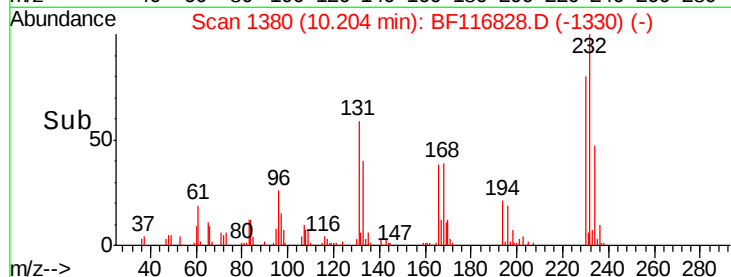
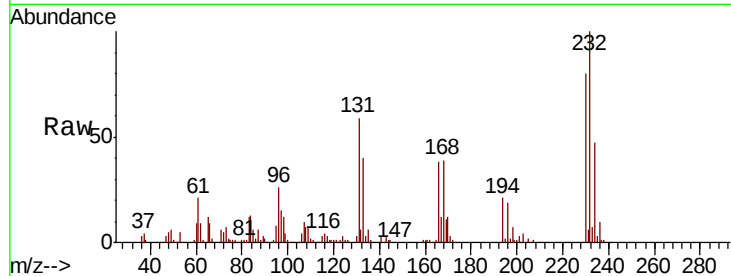




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.136 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

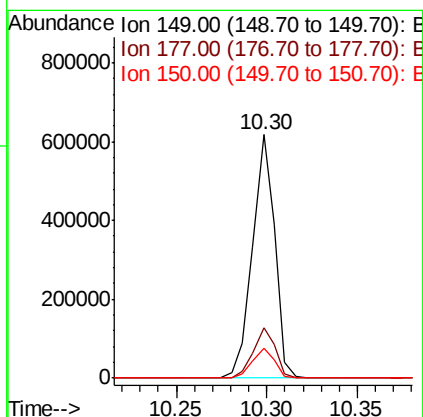
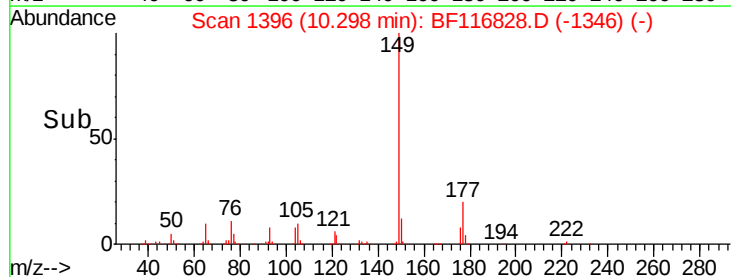
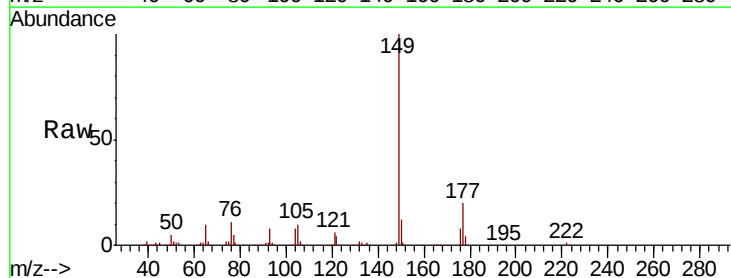
Instrument :
BNA_F
ClientSampleId :

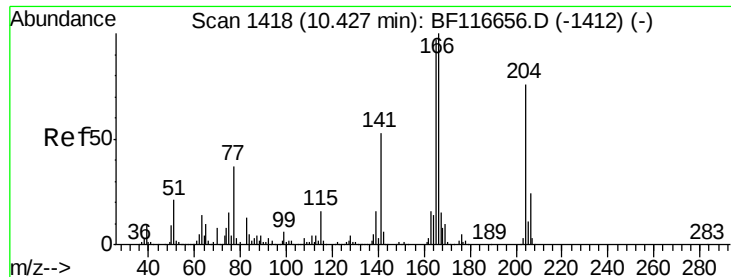
Tot Ion:232 Resp: 105122
Ion Ratio Lower Upper
232 100
131 58.3 42.7 64.1
130 2.8 1.9 2.9
166 37.4 27.4 41.2



#60
Diethylphthalate
Concen: 42.876 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion:149 Resp: 525926
Ion Ratio Lower Upper
149 100
177 20.4 17.2 25.8
150 12.5 9.7 14.5





#61

4-Chlorophenyl-phenylether

Concen: 45.857 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

Instrument :

BNA_F

ClientSampleId :

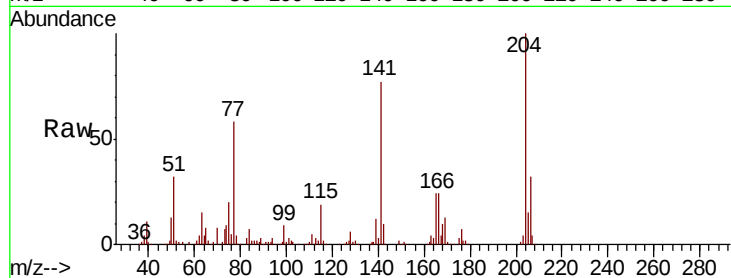
Tot Ion:204 Resp: 213559

Ion Ratio Lower Upper

204 100

206 32.0 25.4 38.2

141 77.2 53.8 80.8

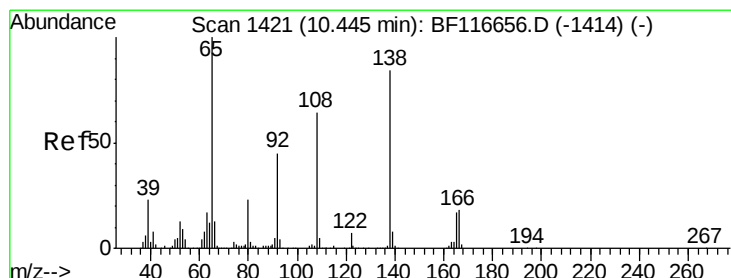
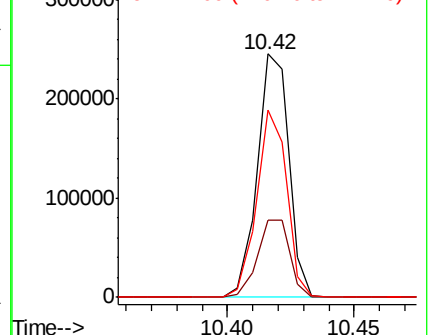
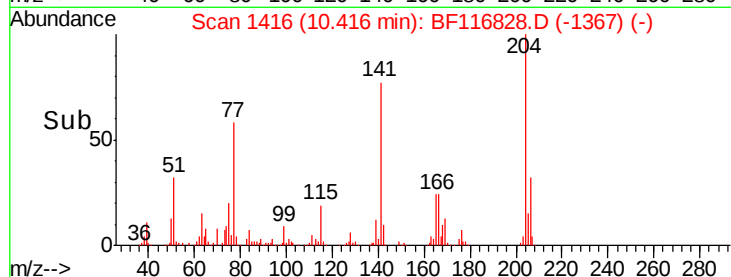


Abundance

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: 44.614 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

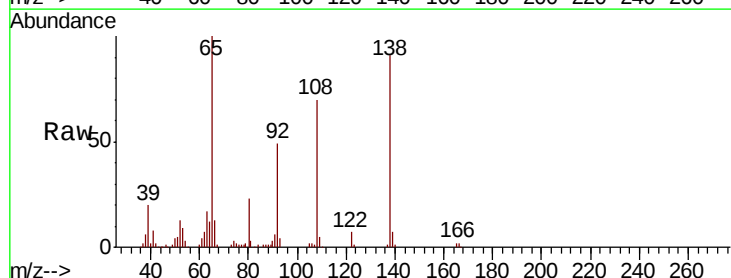
Tgt Ion:138 Resp: 126769

Ion Ratio Lower Upper

138 100

92 53.9 28.7 68.7

108 77.2 60.4 100.4

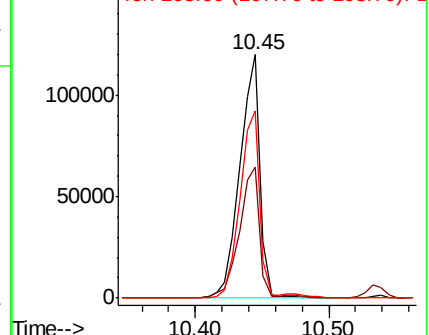
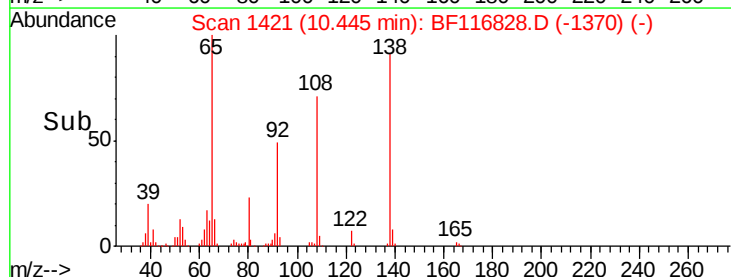


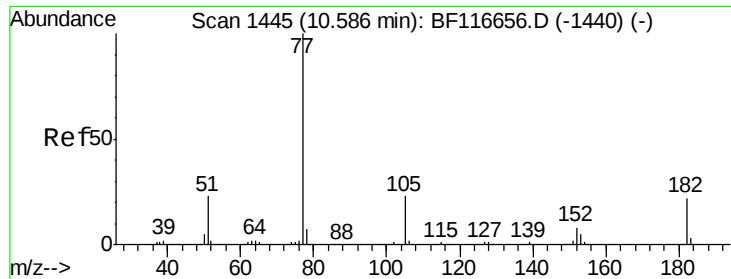
Abundance

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: 41.717 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 533573

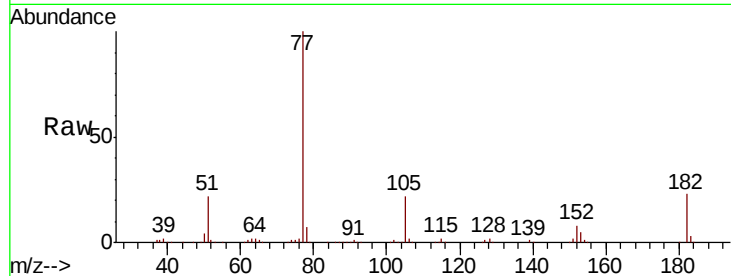
Ion Ratio Lower Upper

77 100

182 23.2 1.2 41.2

105 22.4 0.6 40.6

51 22.1 8.2 48.2

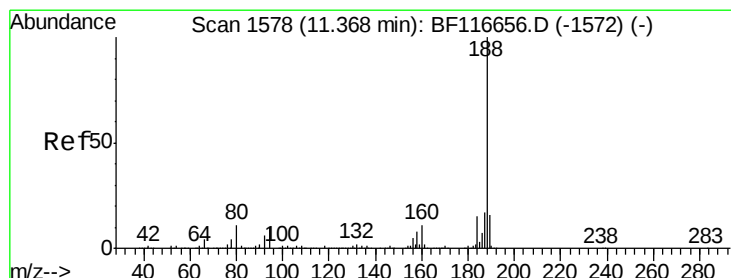
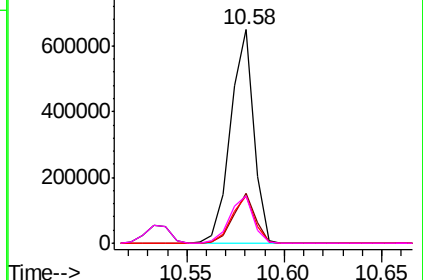
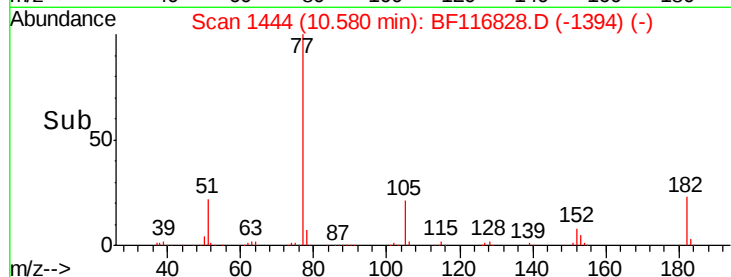


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

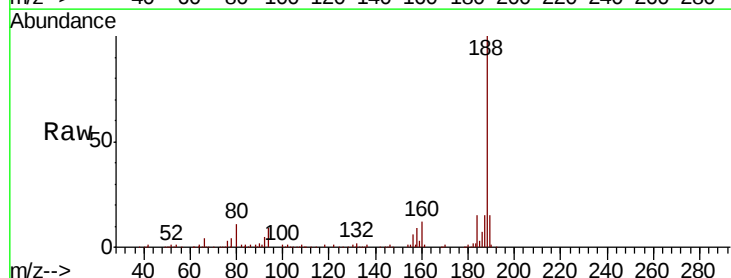
Tgt Ion: 188 Resp: 279118

Ion Ratio Lower Upper

188 100

94 9.4 7.3 10.9

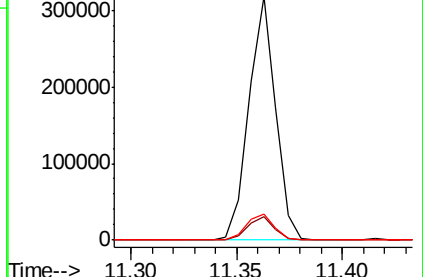
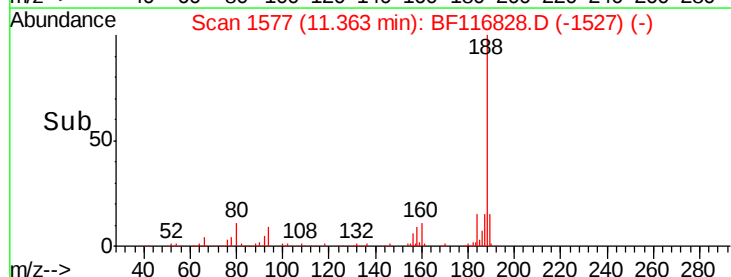
80 10.6 8.4 12.6

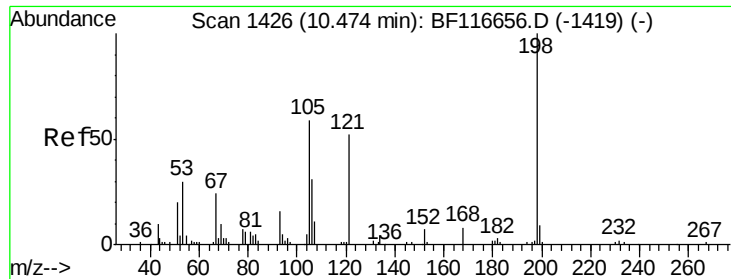


Abundance Ion 188.00 (187.70 to 188.70): E

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: 44.302 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

Instrument :

BNA_F

ClientSampled :

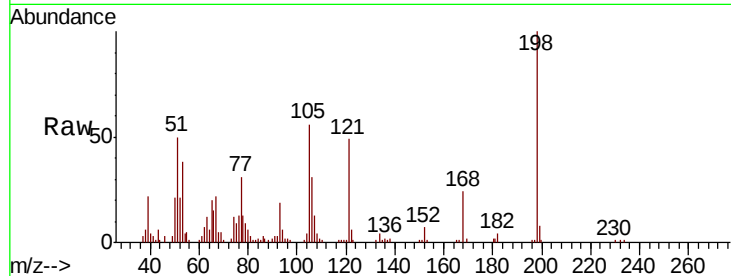
Tot Ion:198 Resp: 44843

Ion Ratio Lower Upper

198 100

51 49.7 18.4 58.4

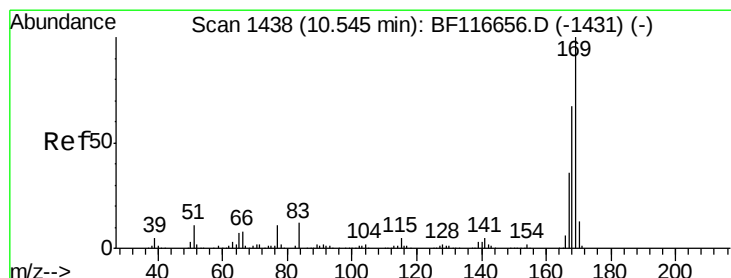
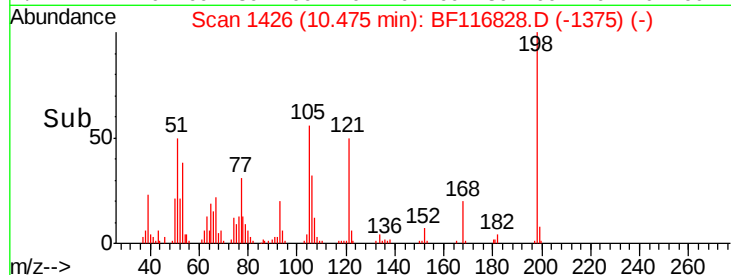
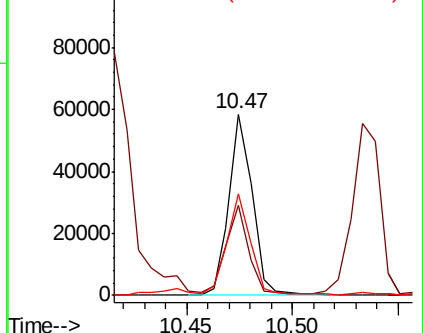
105 55.9 22.9 62.9



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: 43.140 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

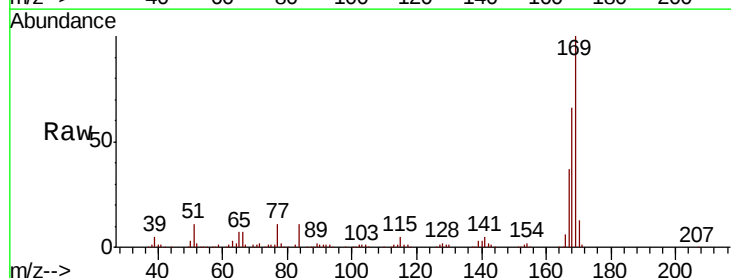
Tgt Ion:169 Resp: 416548

Ion Ratio Lower Upper

169 100

168 65.9 55.8 83.6

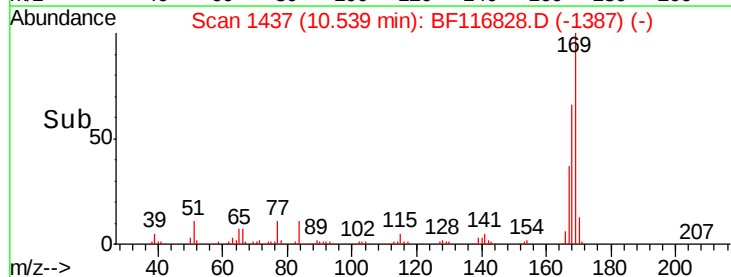
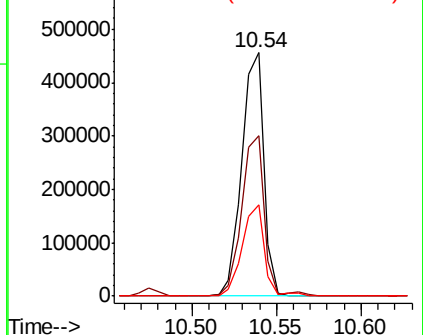
167 37.4 29.4 44.2

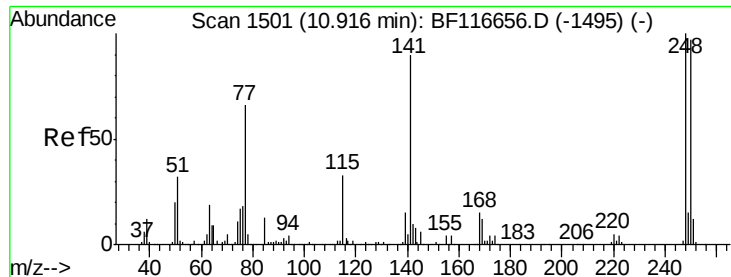


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

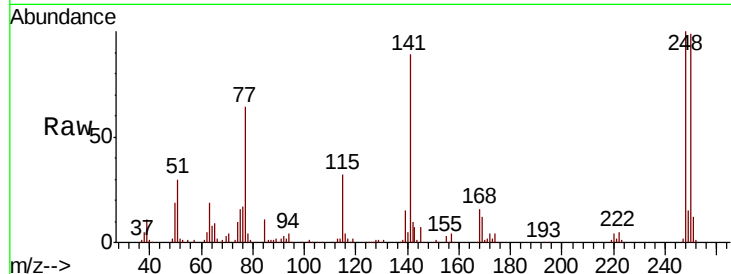




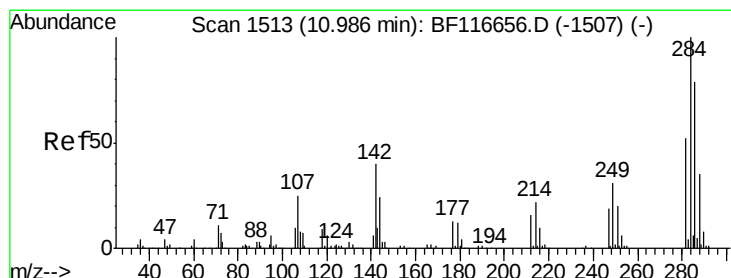
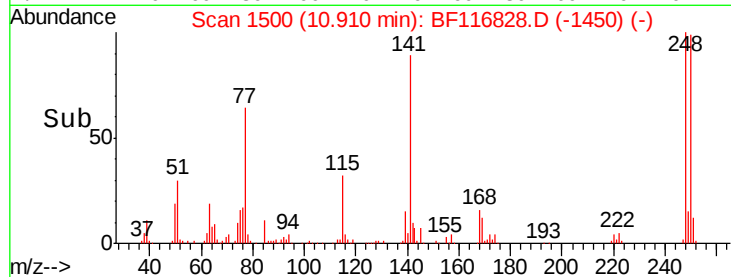
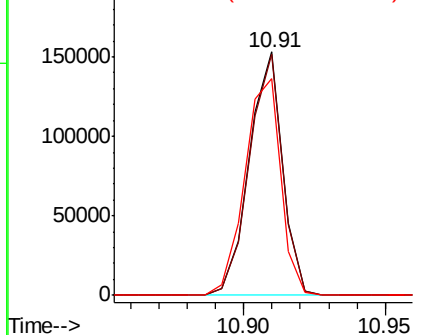
#67
4-Bromophenyl-phenylether
Concen: 44.153 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 125195
Ion Ratio Lower Upper
248 100
250 99.2 77.8 116.8
141 88.9 75.9 113.9

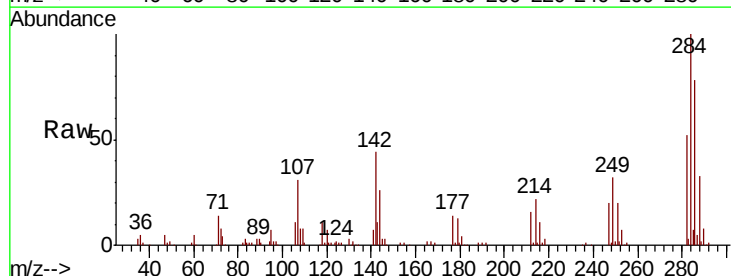


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

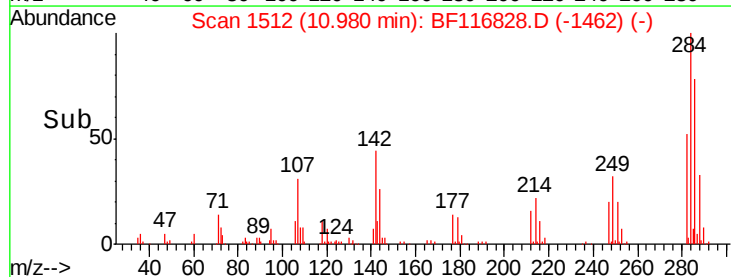
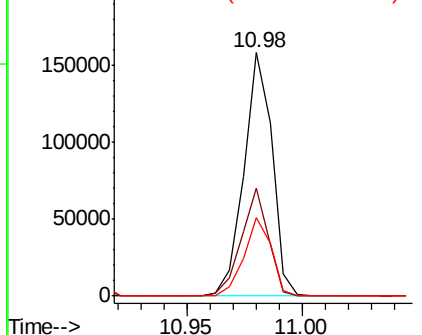


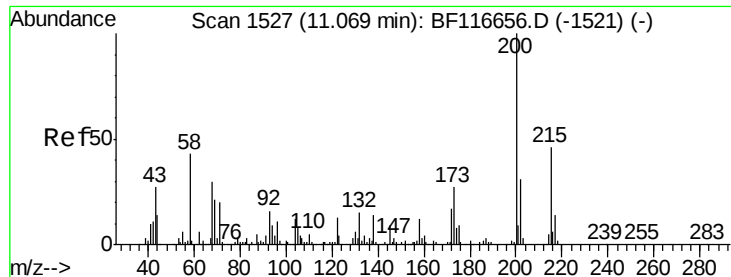
#68
Hexachlorobenzene
Concen: 45.478 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion:284 Resp: 134916
Ion Ratio Lower Upper
284 100
142 44.3 34.0 51.0
249 32.4 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: 44.928 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.01 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

Instrument :

BNA_F

ClientSampleId :

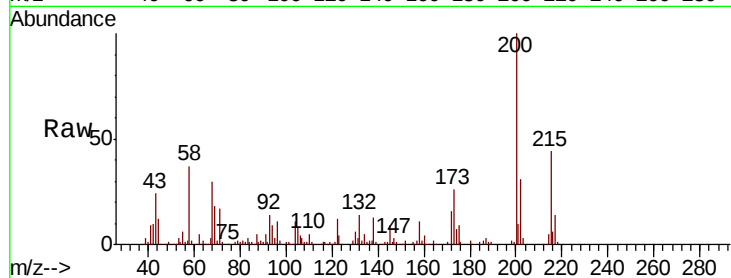
Tot Ion:200 Resp: 121498

Ion Ratio Lower Upper

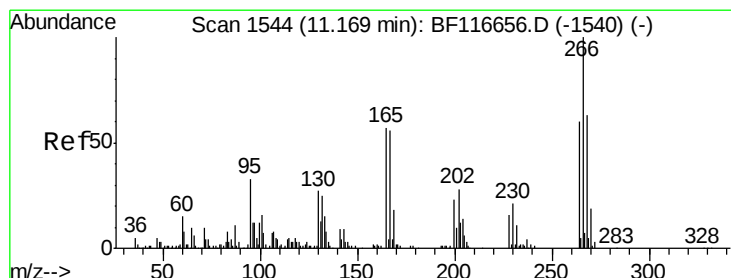
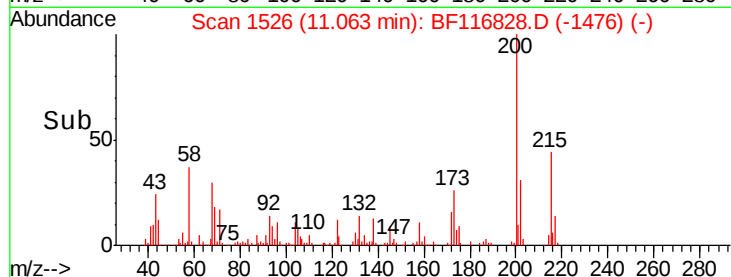
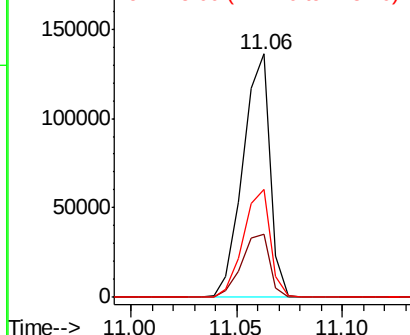
200 100

173 26.1 6.2 46.2

215 44.1 24.3 64.3



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



#70

Pentachlorophenol

Concen: 49.404 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

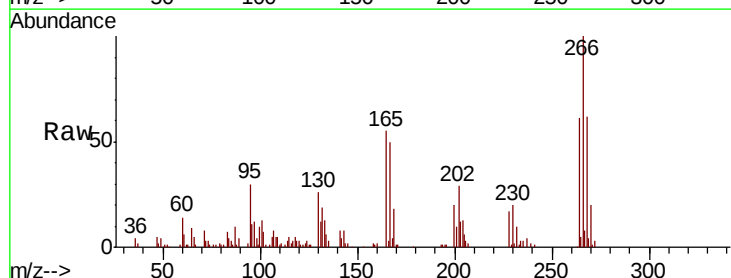
Tgt Ion:266 Resp: 70899

Ion Ratio Lower Upper

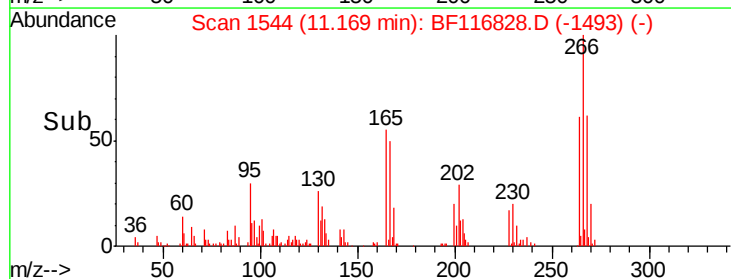
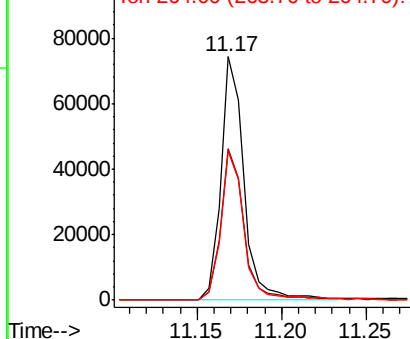
266 100

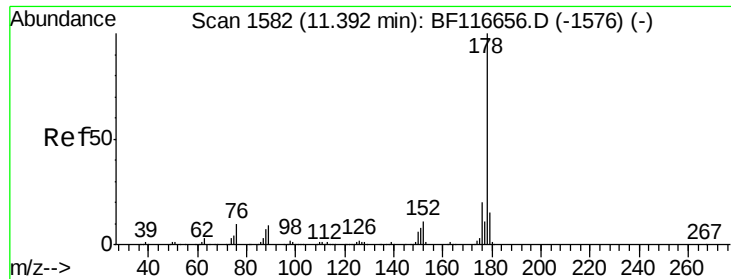
268 62.0 51.2 76.8

264 61.3 51.9 77.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

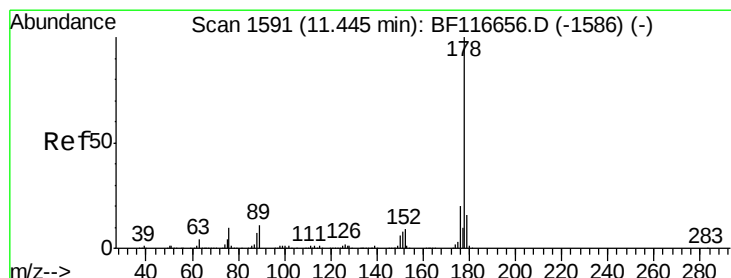
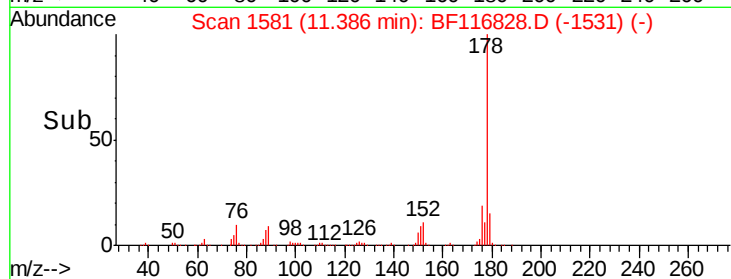
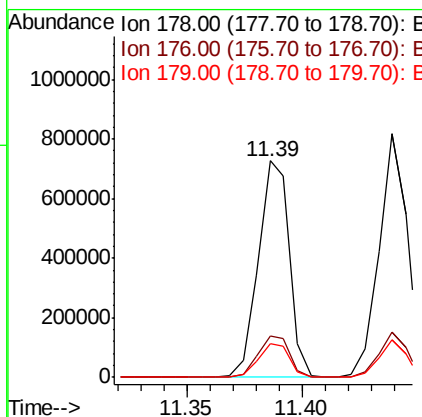
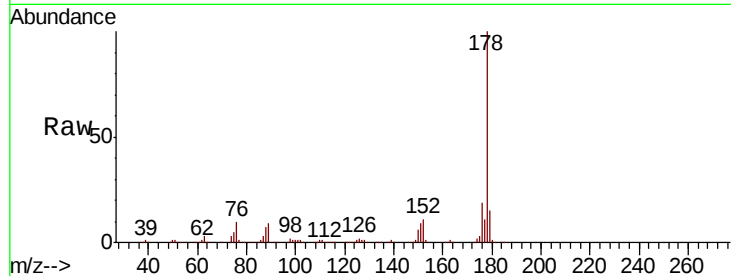




#71
Phenanthrene
Concen: 43.794 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

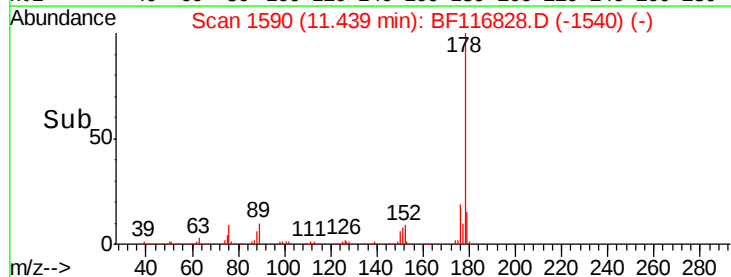
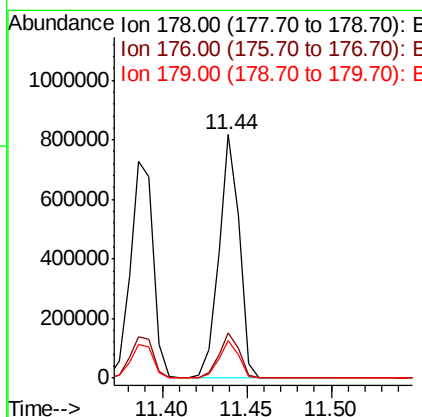
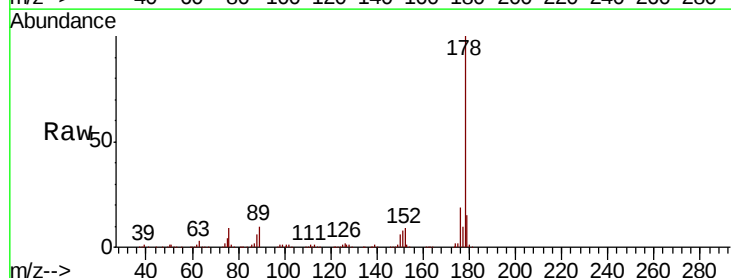
Instrument :
BNA_F
ClientSampleId :

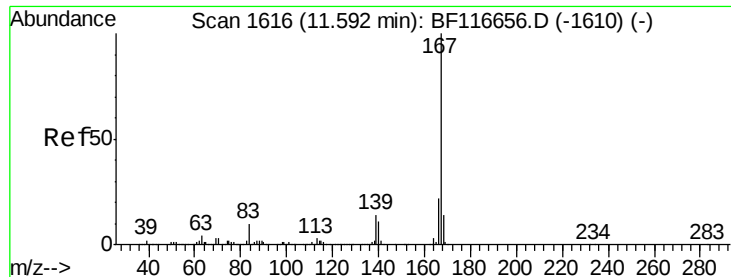
Tot Ion:178 Resp: 680444
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.5 12.2 18.2



#72
Anthracene
Concen: 43.967 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion:178 Resp: 687675
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.4 12.5 18.7

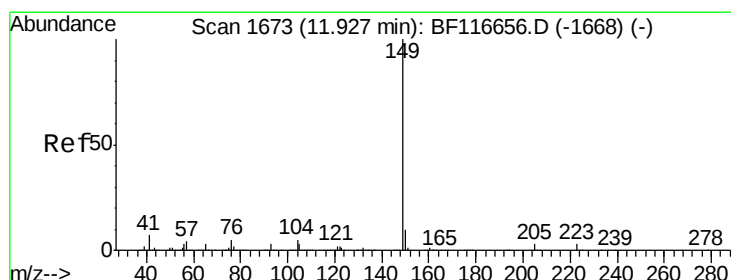
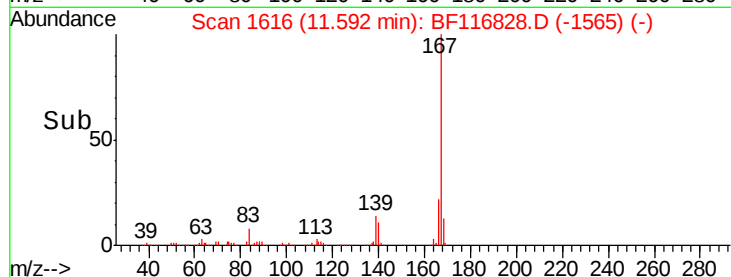
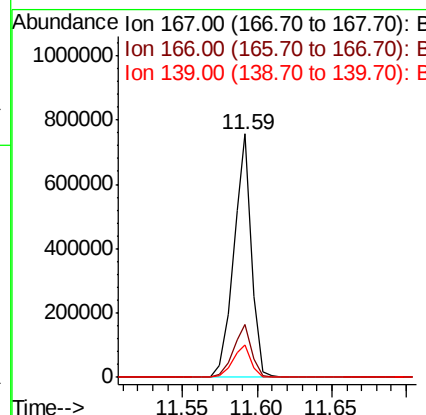
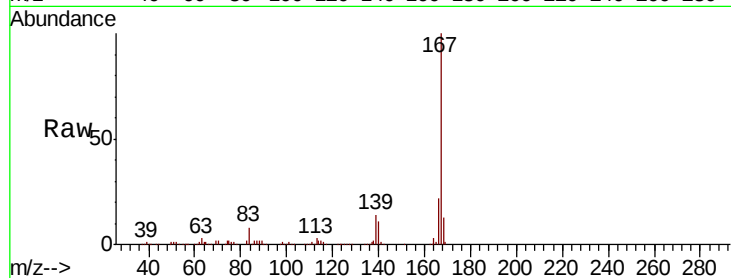




#73
 Carbazole
 Concen: 42.479 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF116828.D
 Acq: 5 Sep 2019 10:49

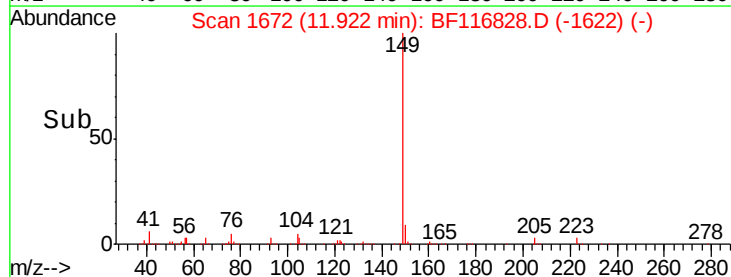
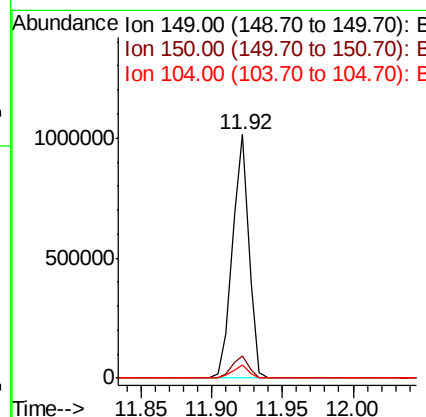
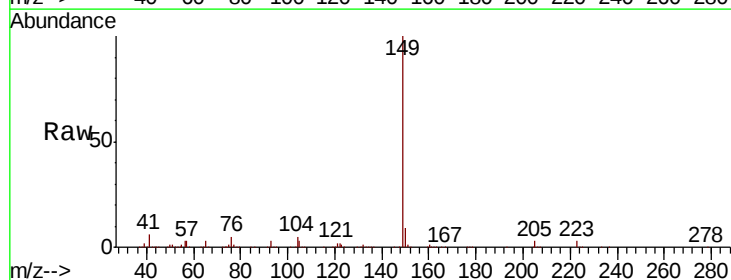
Instrument :
 BNA_F
 ClientSampleId :

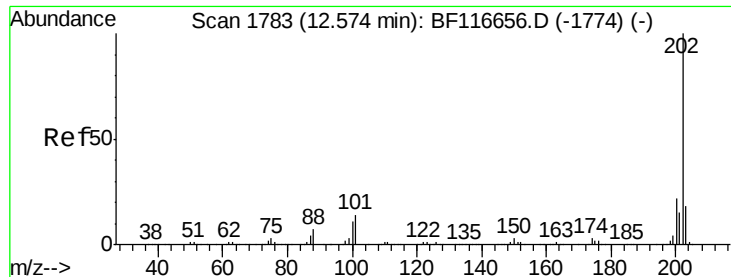
Tot Ion:167 Resp: 632884
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.5 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 42.787 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BF116828.D
 Acq: 5 Sep 2019 10:49

Tgt Ion:149 Resp: 817222
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 43.617 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

Instrument :

BNA_F

ClientSampled :

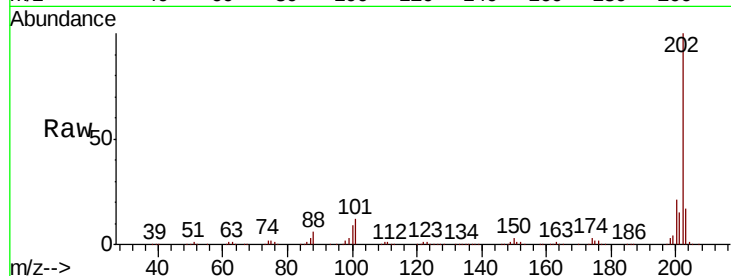
Tot Ion:202 Resp: 666007

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.3

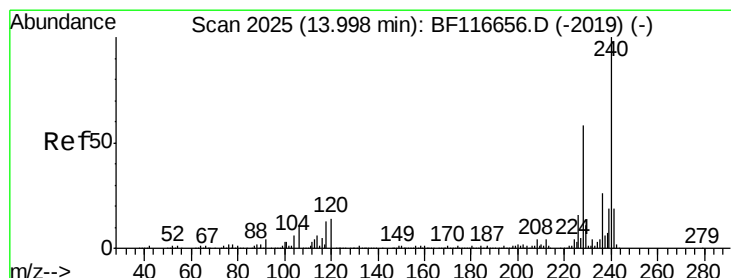
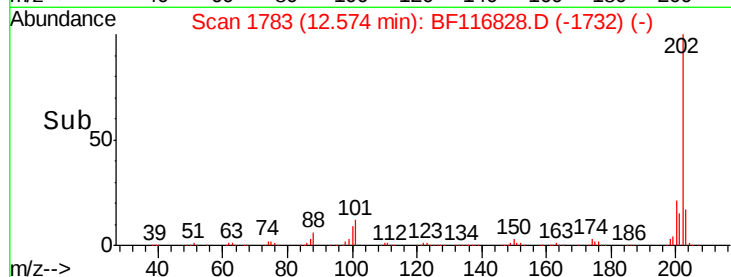
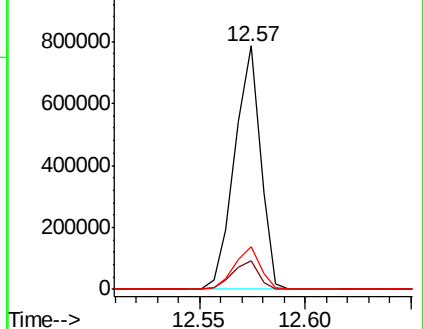
203 17.4 0.0 37.6



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# 2025

Delta R.T. 0.00 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

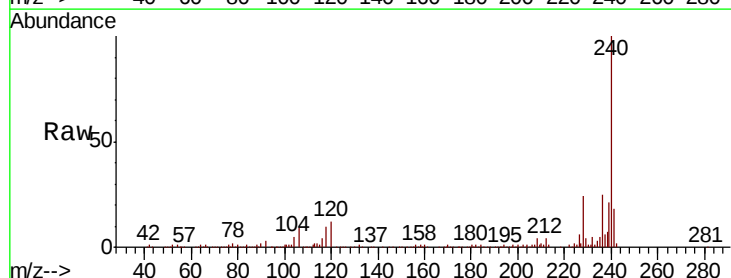
Tgt Ion:240 Resp: 188751

Ion Ratio Lower Upper

240 100

120 11.6 9.1 13.7

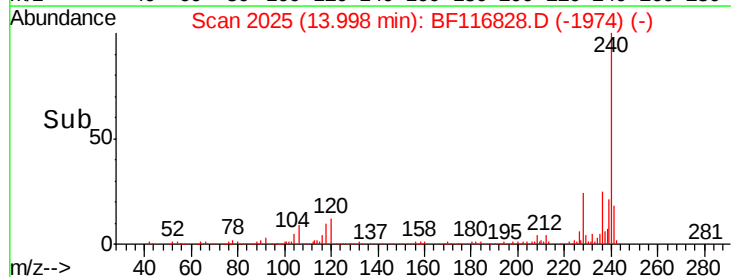
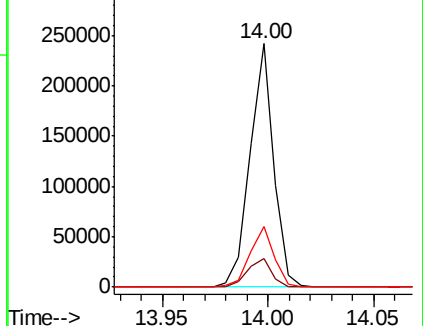
236 25.0 21.1 31.7

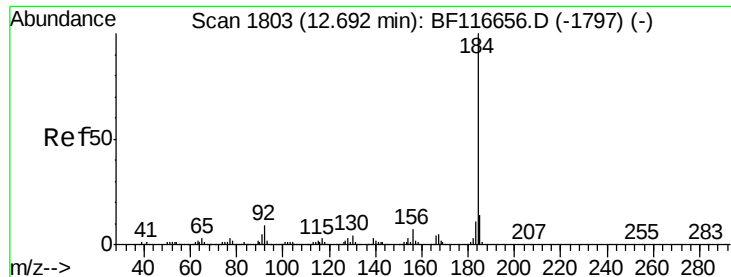


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.092 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

Instrument :

BNA_F

ClientSampled :

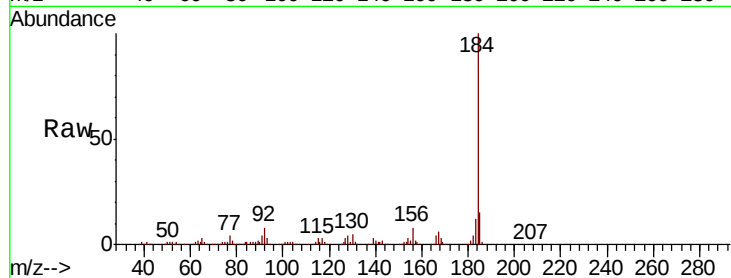
Tot Ion:184 Resp: 296813

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

183 11.6 9.2 13.8

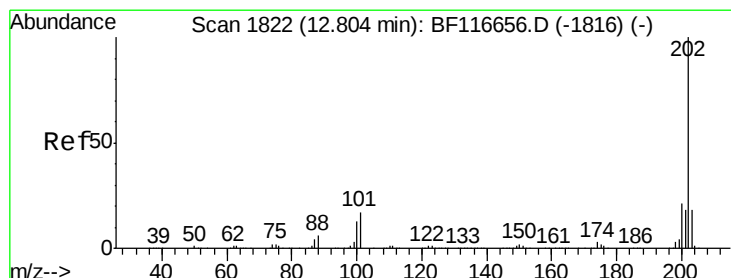
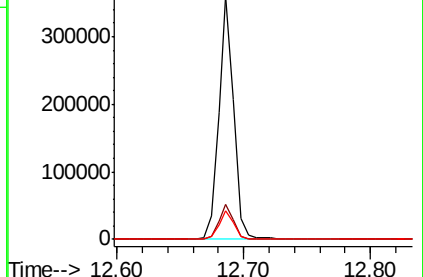
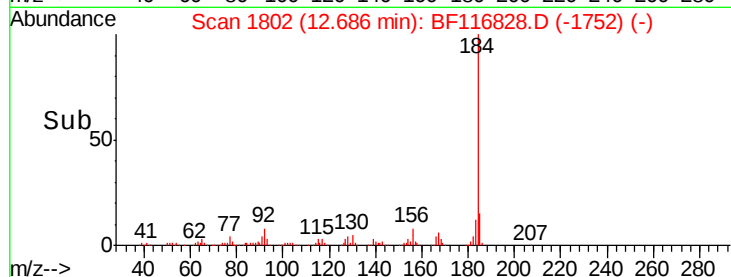


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.69



#78

Pyrene

Concen: 40.372 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

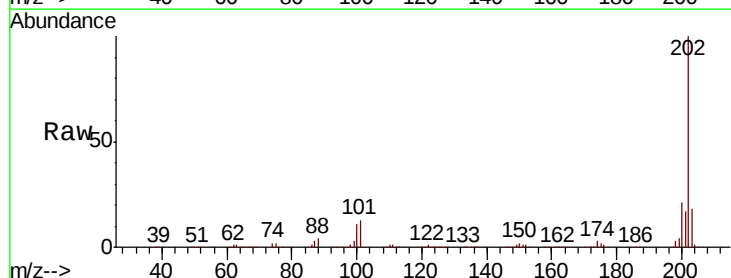
Tgt Ion:202 Resp: 677396

Ion Ratio Lower Upper

202 100

200 21.1 16.5 24.7

203 18.1 13.7 20.5

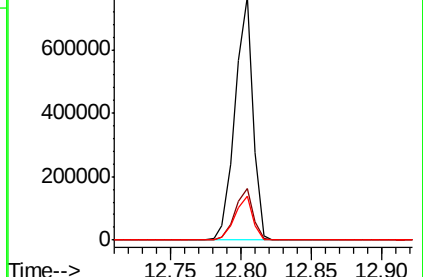
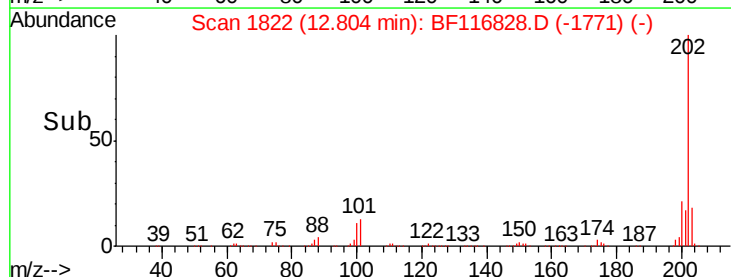


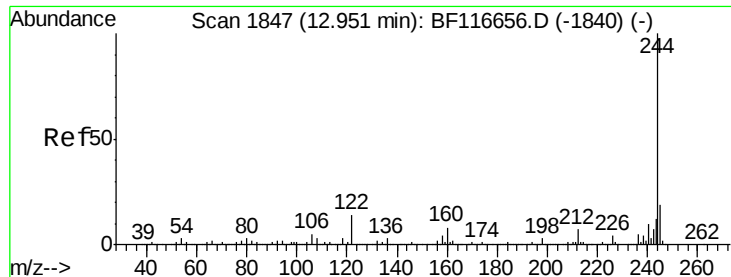
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.80

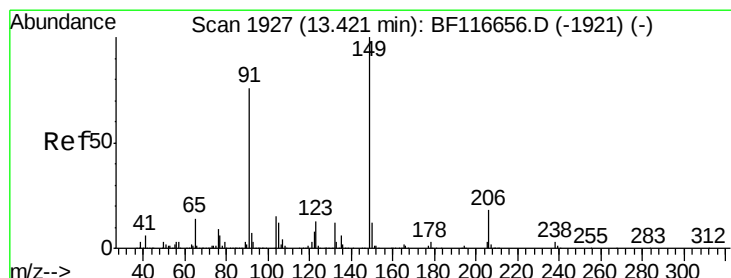
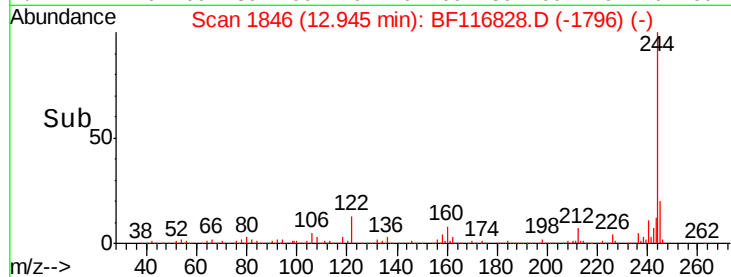
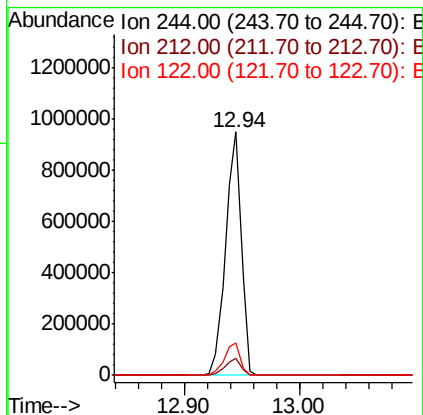
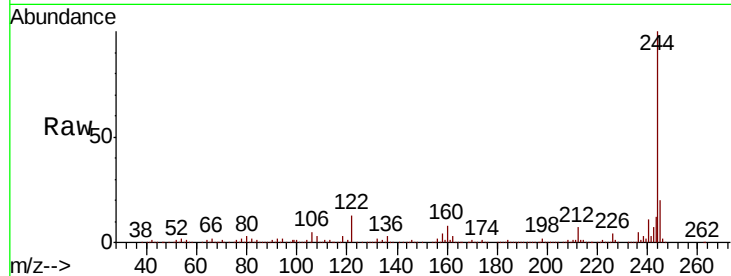




#79
 Terphenyl-d14
 Concen: 87.346 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116828.D
 Acq: 5 Sep 2019 10:49

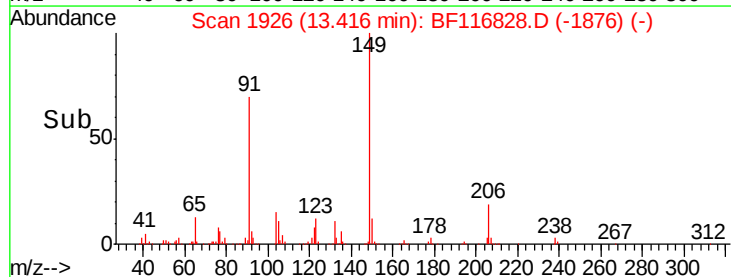
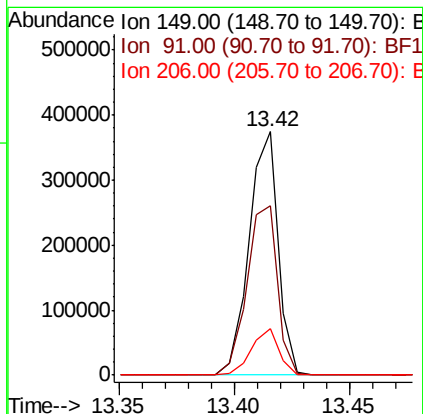
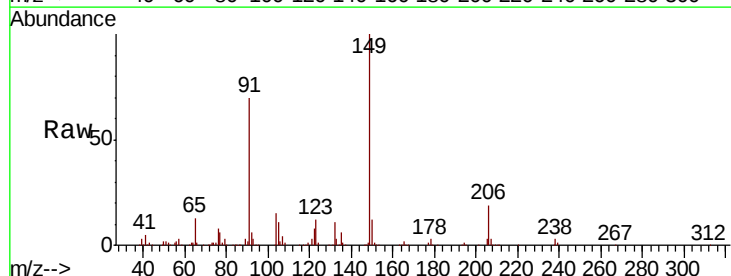
Instrument :
 BNA_F
 ClientSampleId :

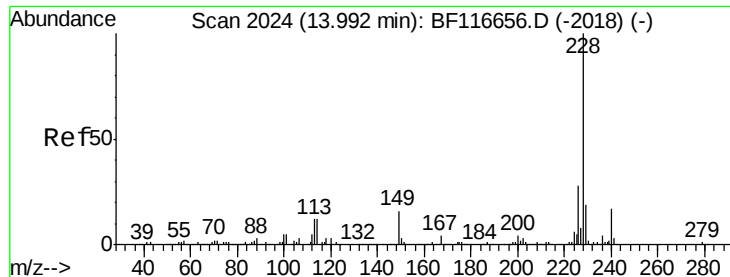
Tot Ion:244 Resp: 891197
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 13.4 10.2 15.4



#80
 Butylbenzylphthalate
 Concen: 40.489 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF116828.D
 Acq: 5 Sep 2019 10:49

Tgt Ion:149 Resp: 330367
 Ion Ratio Lower Upper
 149 100
 91 69.7 61.0 91.4
 206 18.8 14.8 22.2





#81

Benzo(a)anthracene

Concen: 43.783 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

Instrument :

BNA_F

ClientSampleId :

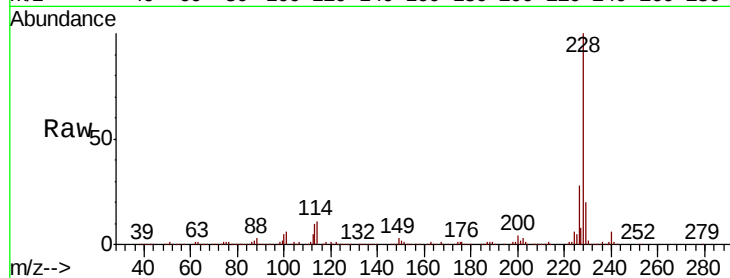
Tot Ion:228 Resp: 523027

Ion Ratio Lower Upper

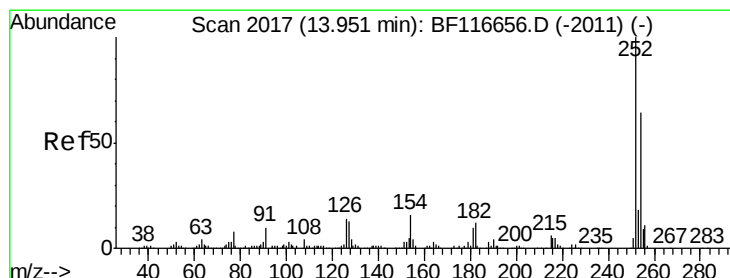
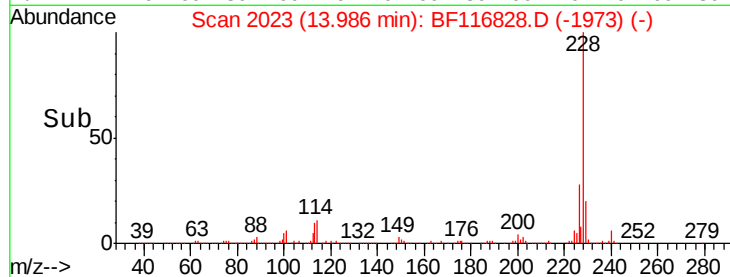
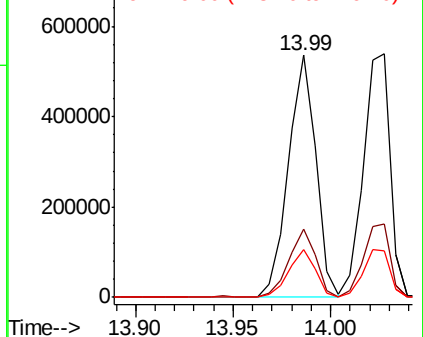
228 100

226 28.1 22.0 33.0

229 19.6 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: 42.551 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF116828.D

Acq: 5 Sep 2019 10:49

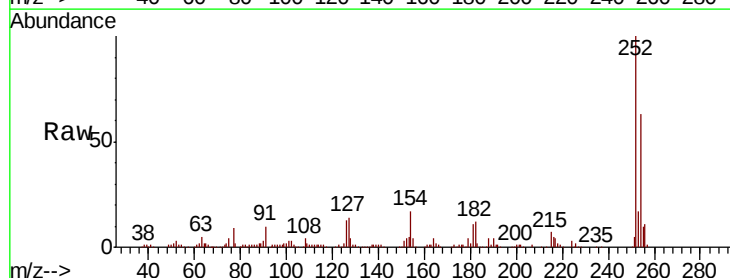
Tgt Ion:252 Resp: 171783

Ion Ratio Lower Upper

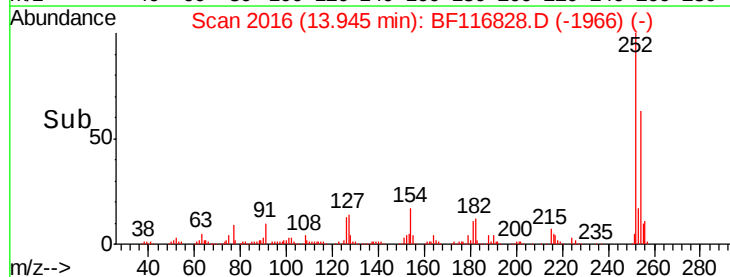
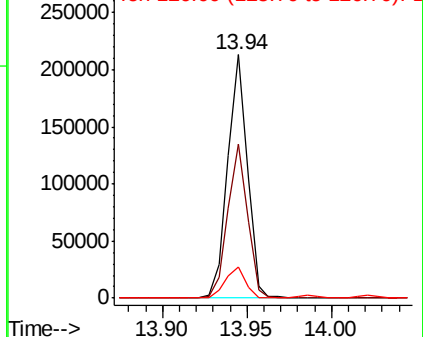
252 100

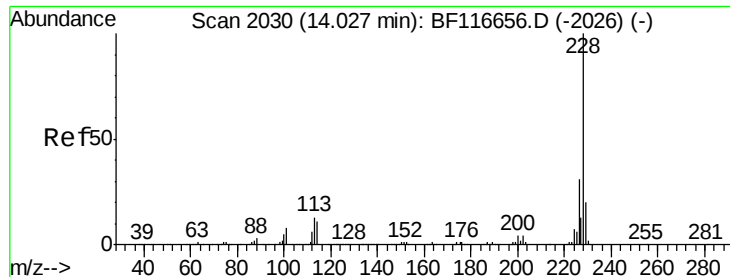
254 63.1 50.1 75.1

126 13.0 10.6 16.0



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

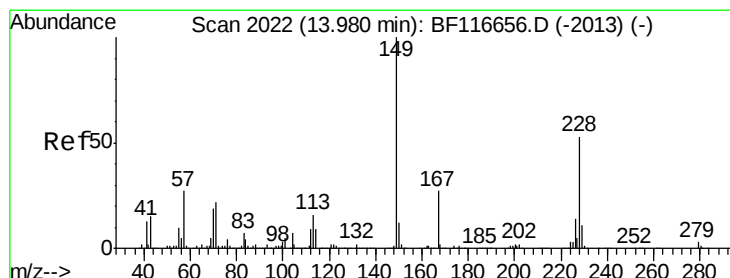
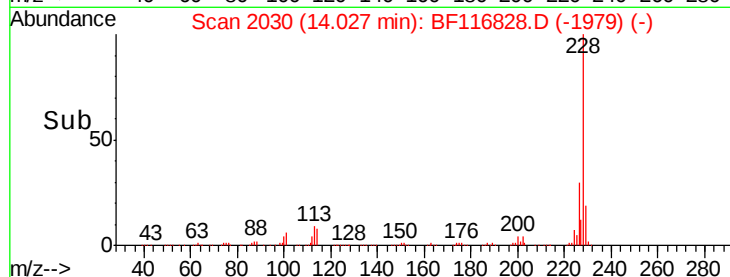
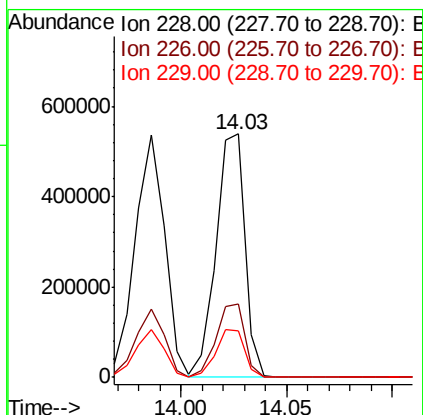
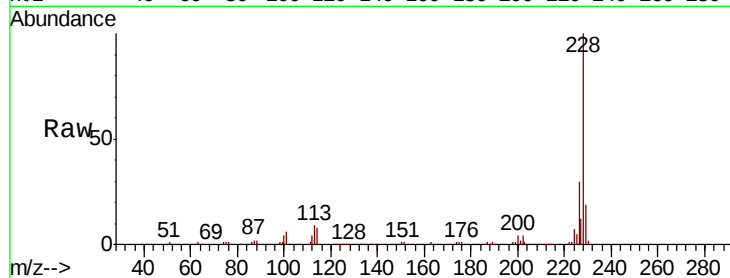




#83
Chrysene
Concen: 41.542 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

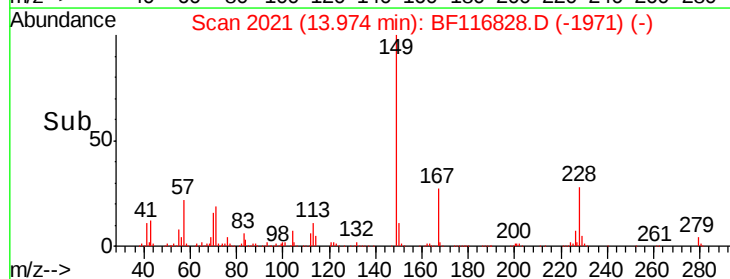
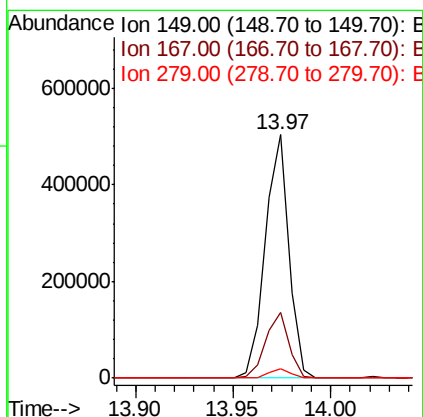
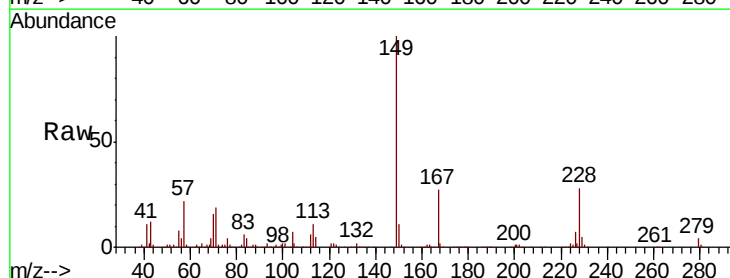
Instrument :
BNA_F
ClientSampleId :

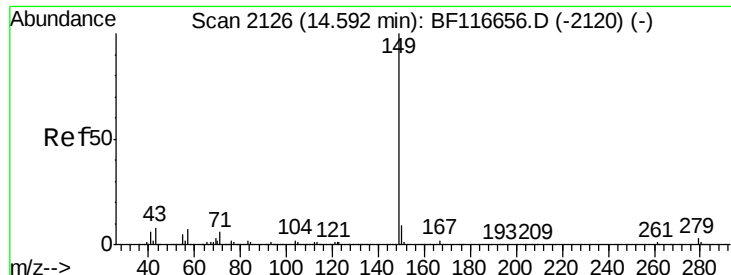
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	19.2	15.4	23.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.786 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.0	31.4
279	3.7	2.8	4.2

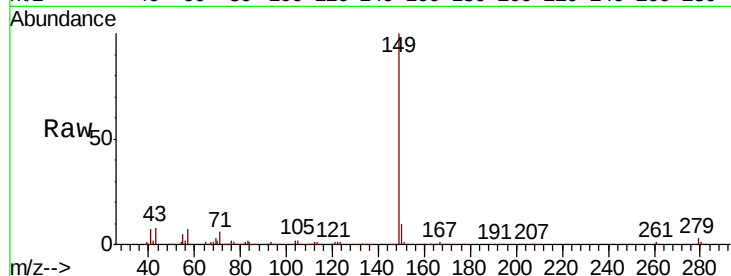




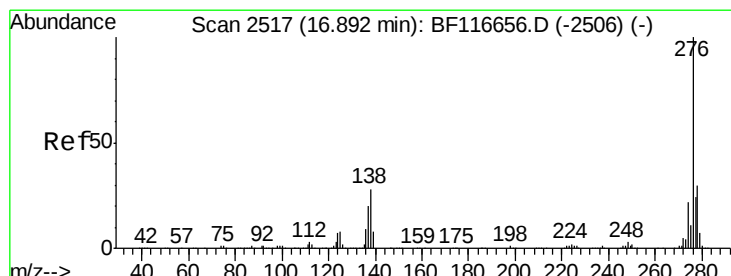
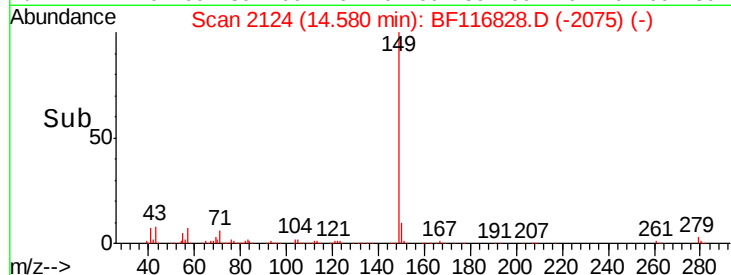
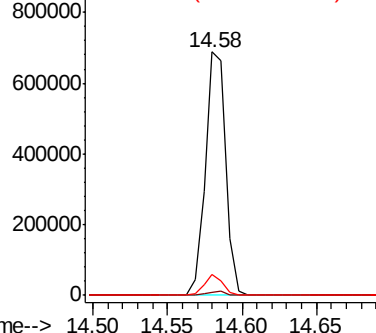
#85
Di-n-octyl phthalate
Concen: 40.091 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.0	7.8	11.8

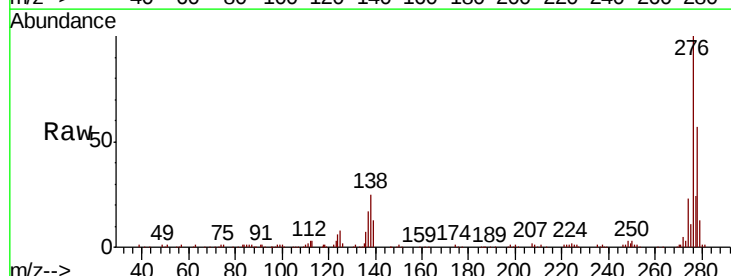


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

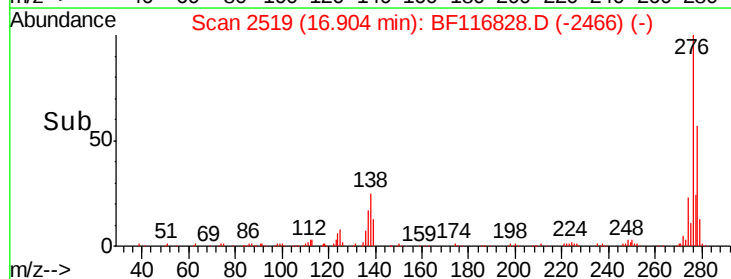
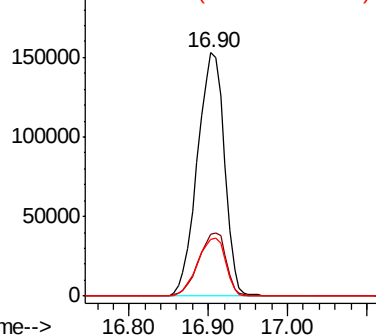


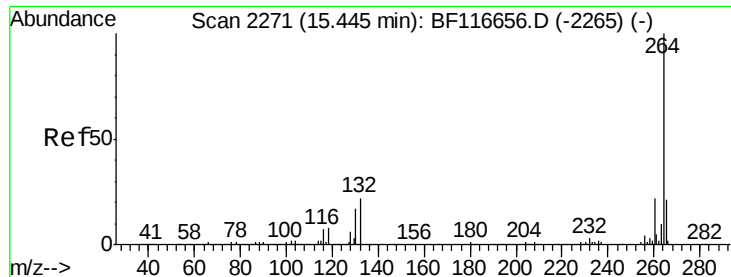
#86
Indeno(1,2,3-cd)pyrene
Concen: 36.597 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	19.4	29.2
277	24.7	20.5	30.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



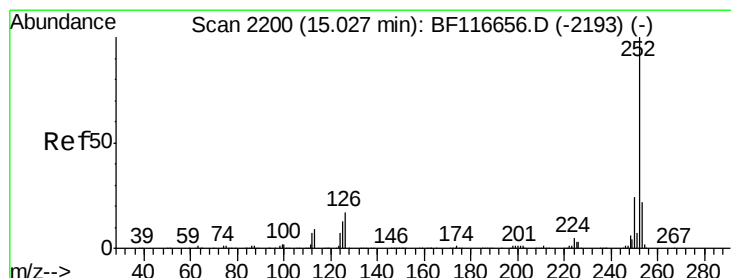
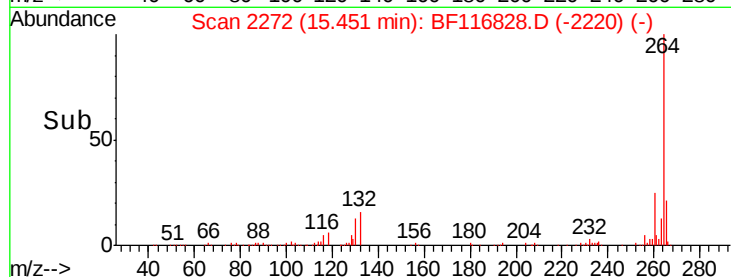
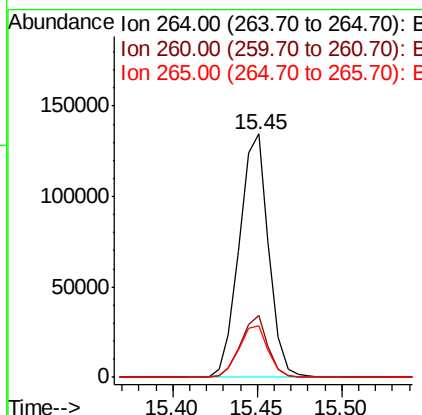
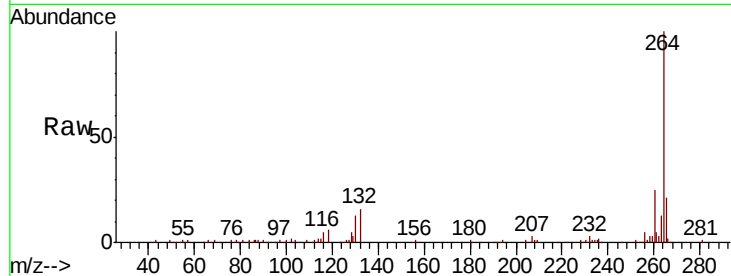


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 162519

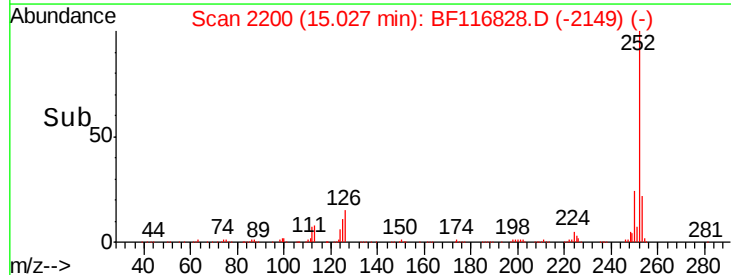
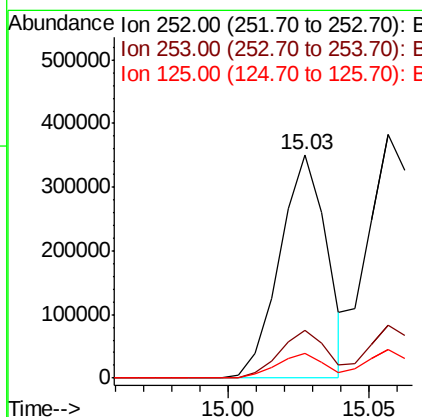
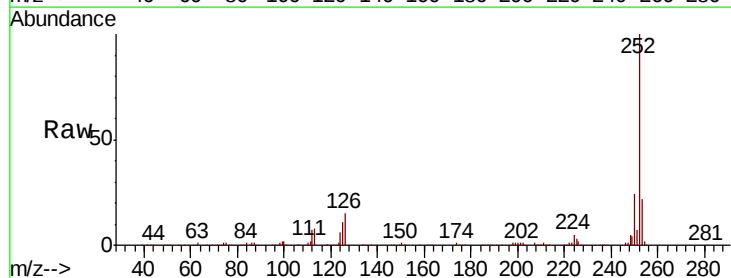
Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.3	27.5
265	21.0	16.5	24.7

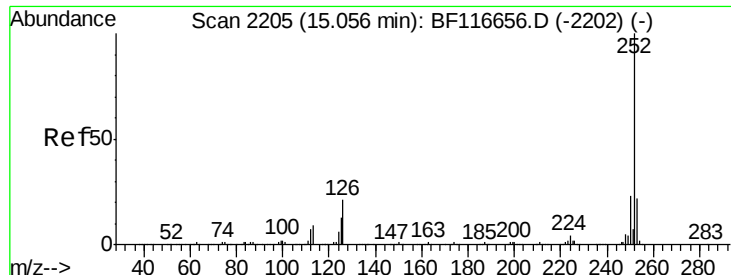


#88
Benzo(b)fluoranthene
Concen: 41.296 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion:252 Resp: 405760

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	11.0	8.2	12.2

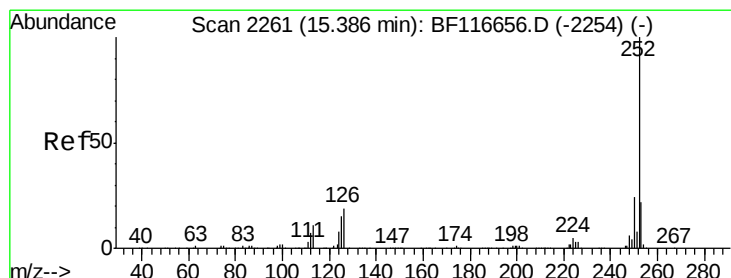
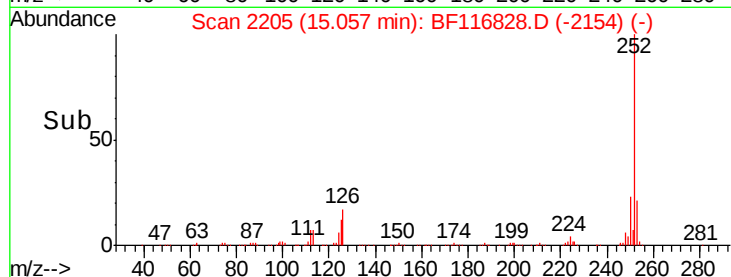
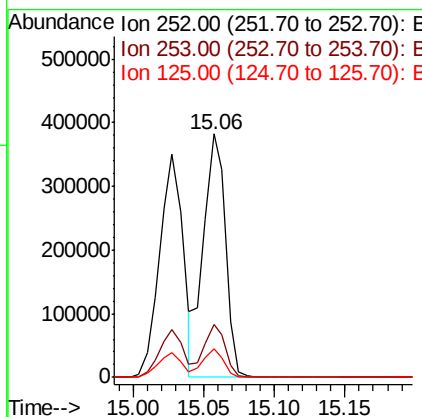
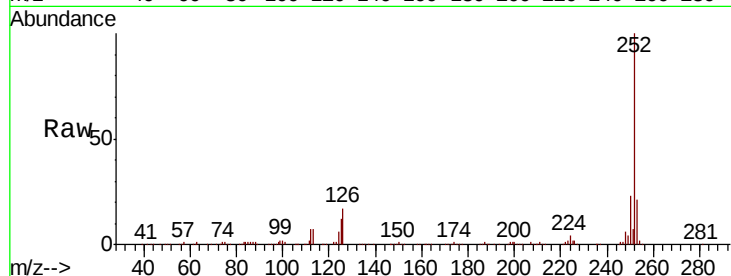




#89
Benzo(k)fluoranthene
Concen: 46.183 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

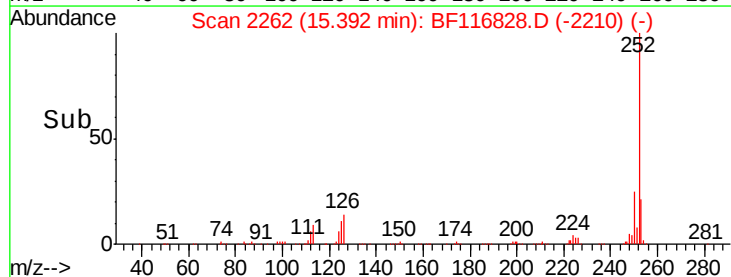
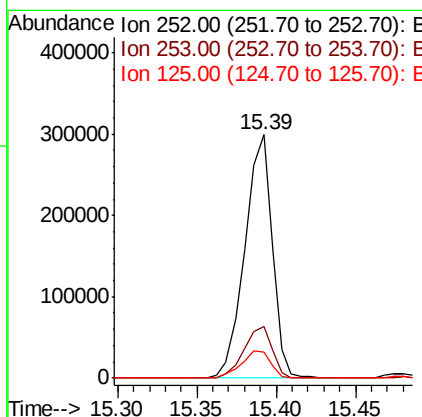
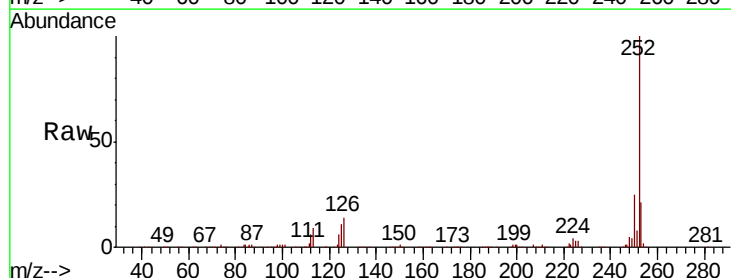
Instrument :
BNA_F
ClientSampleId :

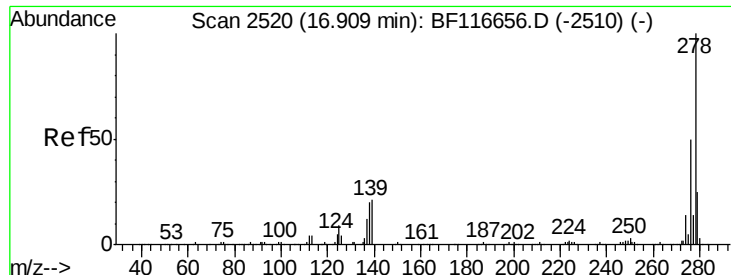
Tot Ion:252 Resp: 413747
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 11.5 8.6 13.0



#90
Benzo(a)pyrene
Concen: 42.007 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion:252 Resp: 359097
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 10.9 9.8 14.8

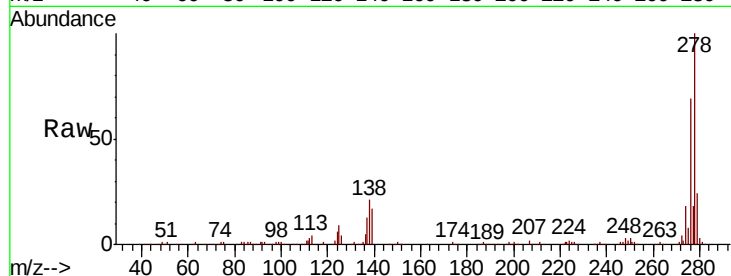




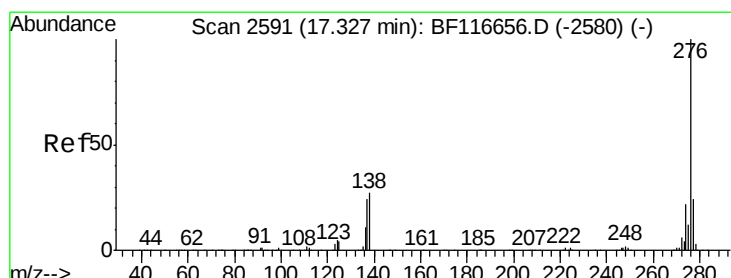
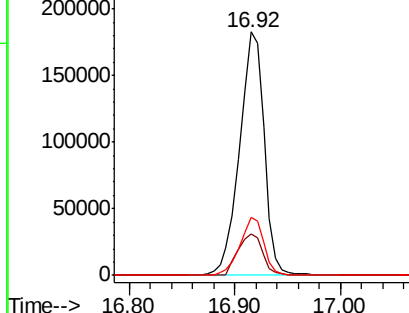
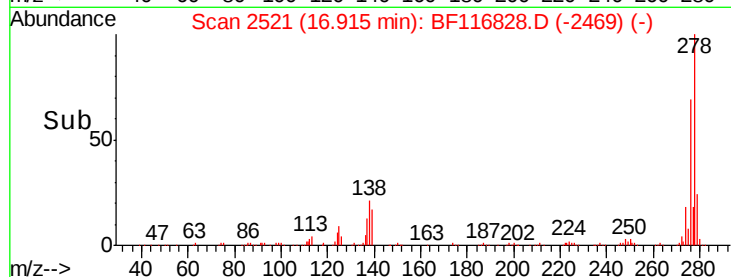
#91
Dibenzo(a,h)anthracene
Concen: 39.427 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.4	18.6
279	23.9	18.2	27.4

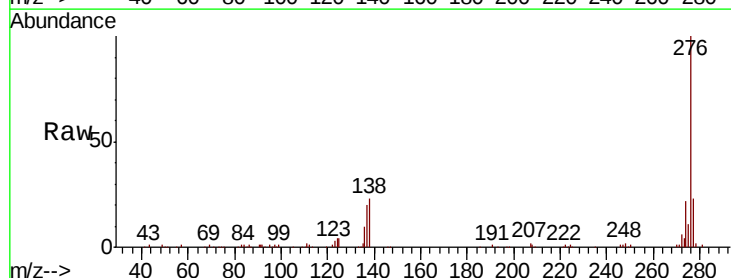


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.626 ng
RT: 17.34 min Scan# 2593
Delta R.T. 0.01 min
Lab File: BF116828.D
Acq: 5 Sep 2019 10:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.5	27.7
138	23.4	16.2	24.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

