

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117106.D
 Acq On : 17 Sep 2019 15:04
 Operator : HP/JU
 Sample : K4883-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 03:50:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	64912	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	249673	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	129886	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	214016	20.00	ng	0.00
76) Chrysene-d12	13.97	240	145934	20.00	ng	0.00
87) Perylene-d12	15.42	264	121492	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	217400	52.29	ng	0.00
7) Phenol-d6	6.46	99	174156	32.41	ng	0.00
23) Nitrobenzene-d5	7.39	82	423338	89.09	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	141219	130.09	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	734227	88.39	ng	0.00
79) Terphenyl-d14	12.92	244	621674	79.63	ng	0.00

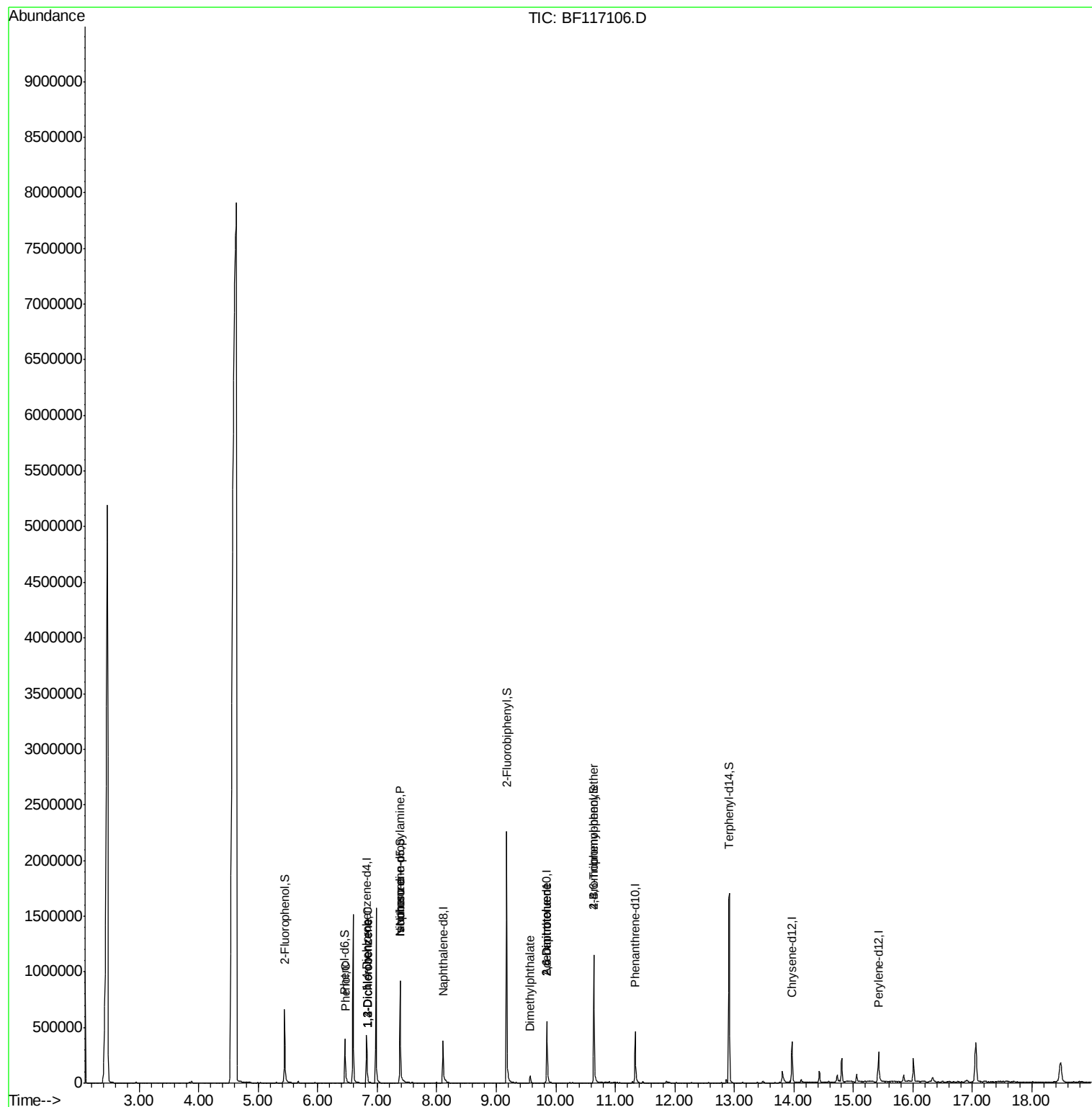
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.59	77	11191	Below Cal		# 67
10) Phenol	6.47	94	25146	4.245	ng	94
12) 1,3-Dichlorobenzene	6.84	146	12652	2.514	ng	95
13) 1,4-Dichlorobenzene	6.84	146	12652	2.463	ng	95
14) 1,2-Dichlorobenzene	6.84	146	12652	2.646	ng	96
19) n-Nitroso-di-n-propylamine	7.39	70	53158	16.247	ng	# 80
25) Isophorone	7.39	82	423336	50.316	ng	# 66
50) Dimethylphthalate	9.57	163	37091	4.033	ng	100
51) 2,6-Dinitrotoluene	9.85	165	16600	8.863	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	16600	6.828	ng	# 18
67) 4-Bromophenyl-phenylether	10.64	248	9019	4.127	ng	# 1

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

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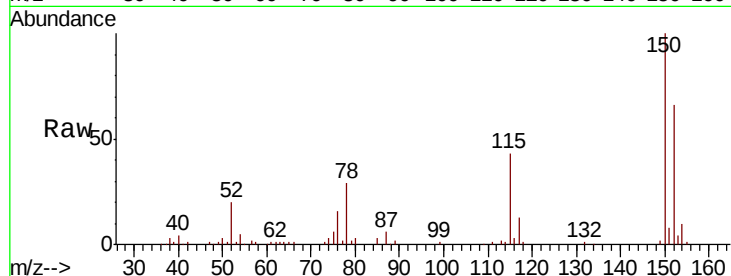


#1

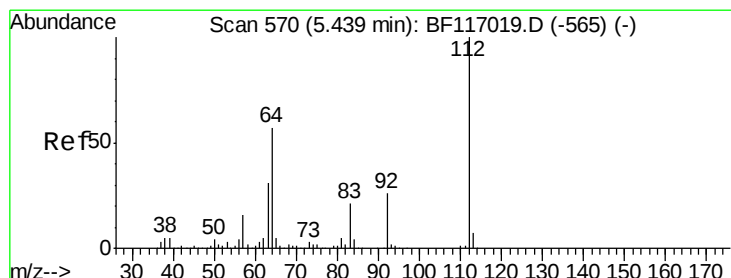
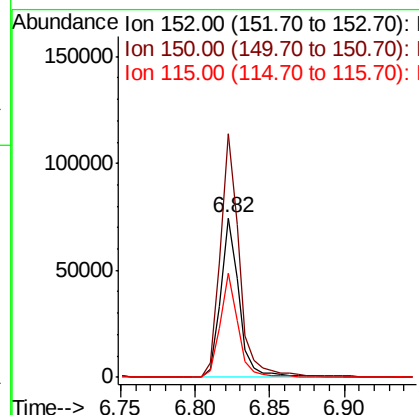
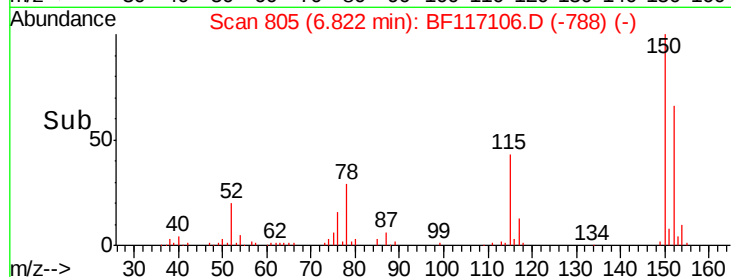
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117106.D
Acq: 17 Sep 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 64912
Ion Ratio Lower Upper
152 100
150 152.4 127.5 191.3
115 65.2 55.0 82.4



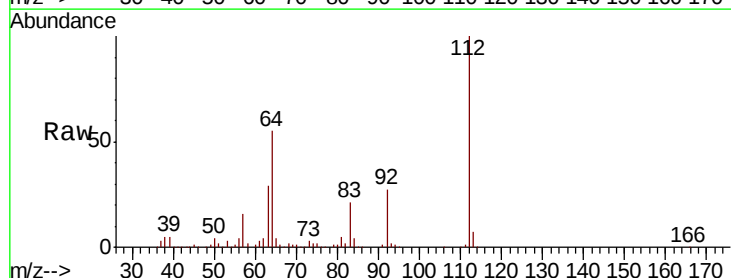
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



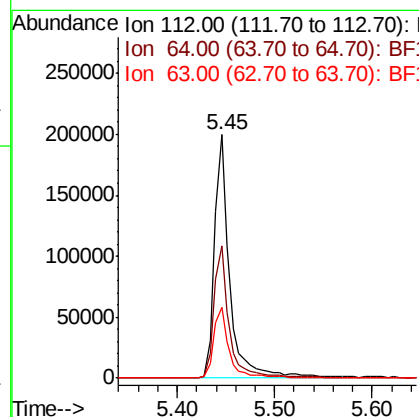
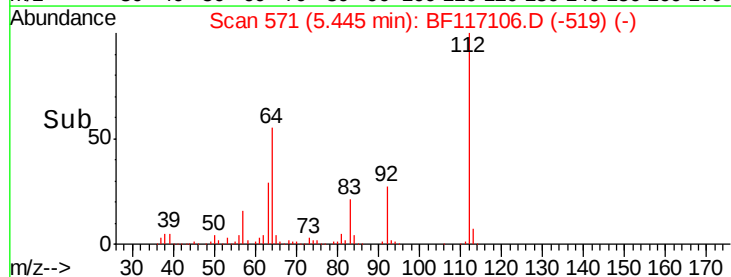
#5

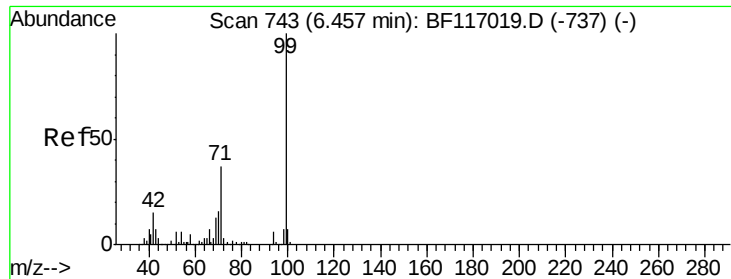
2-Fluorophenol
Concen: 52.289 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117106.D
Acq: 17 Sep 2019 15:04

Tgt Ion:112 Resp: 217400
Ion Ratio Lower Upper
112 100
64 54.5 45.7 68.5
63 29.2 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





#7

Phenol-d6

Concen: 32.412 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117106.D

Acq: 17 Sep 2019 15:04

Instrument :

BNA_F

ClientSampleId :

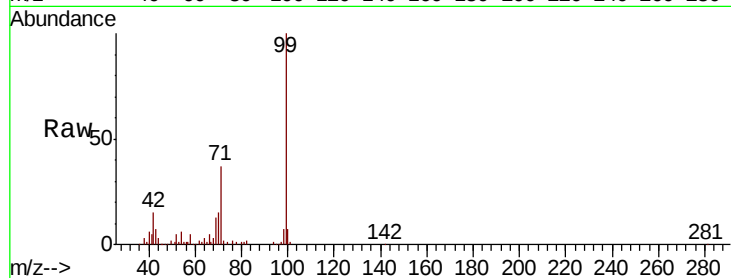
Tot Ion: 99 Resp: 174156

Ion Ratio Lower Upper

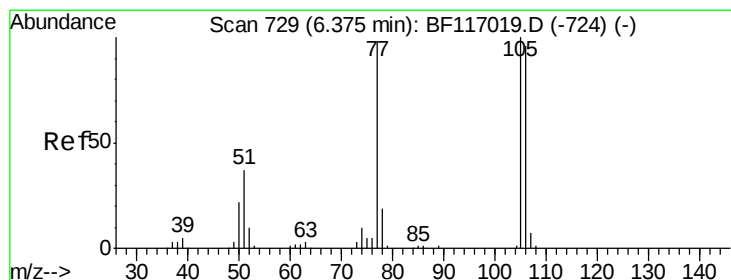
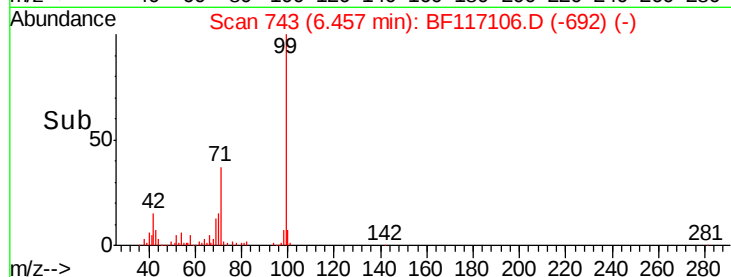
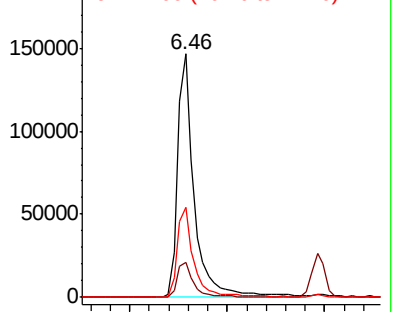
99 100

42 14.6 12.2 18.2

71 37.1 29.8 44.8



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.59 min Scan# 766

Delta R.T. 0.22 min

Lab File: BF117106.D

Acq: 17 Sep 2019 15:04

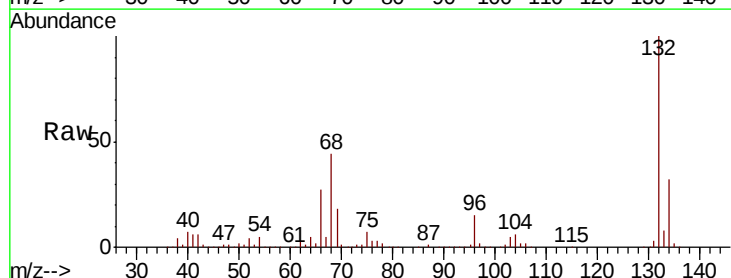
Tgt Ion: 77 Resp: 11191

Ion Ratio Lower Upper

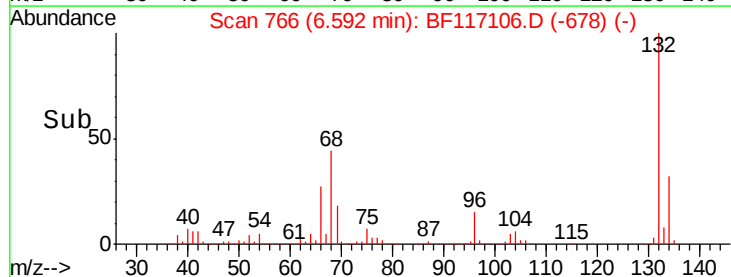
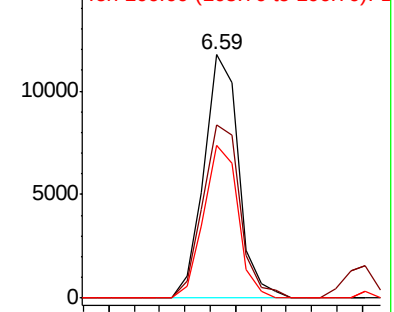
77 100

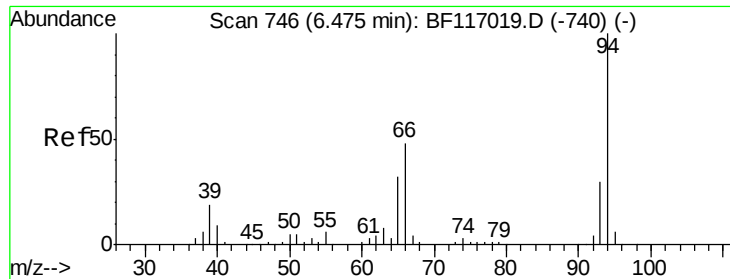
105 71.2 81.8 121.8#

106 62.9 77.3 117.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

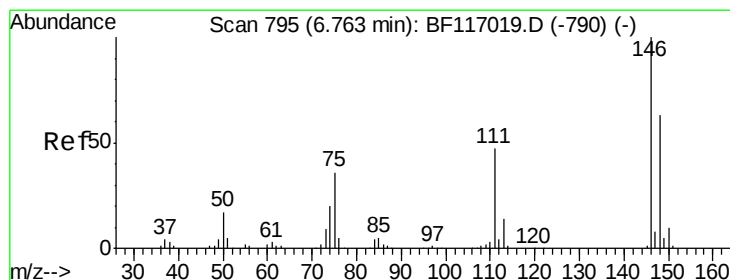
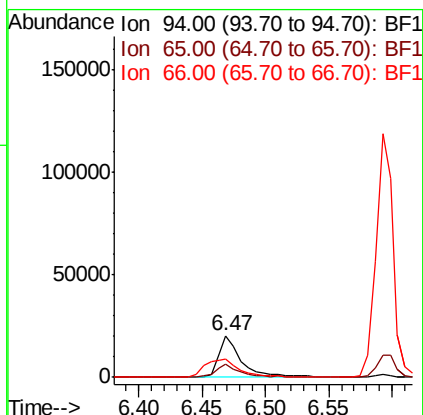
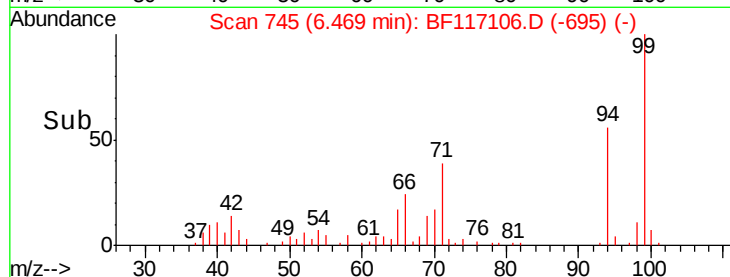
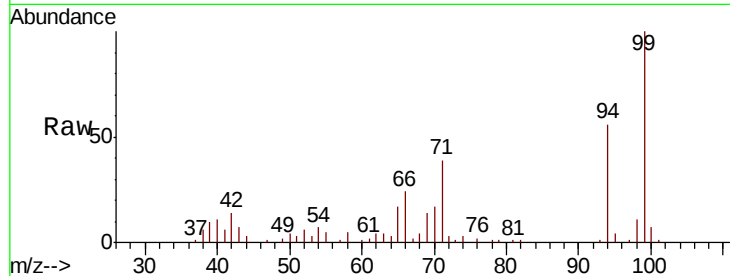




#10
Phenol
Concen: 4.245 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF117106.D
Acq: 17 Sep 2019 15:04

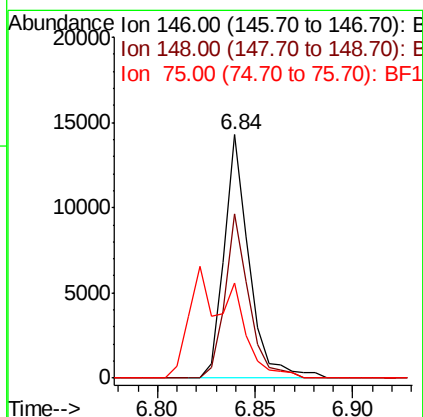
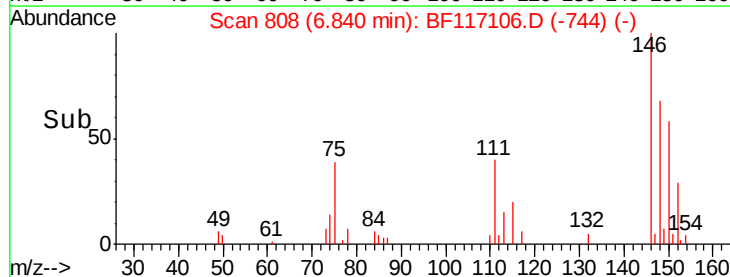
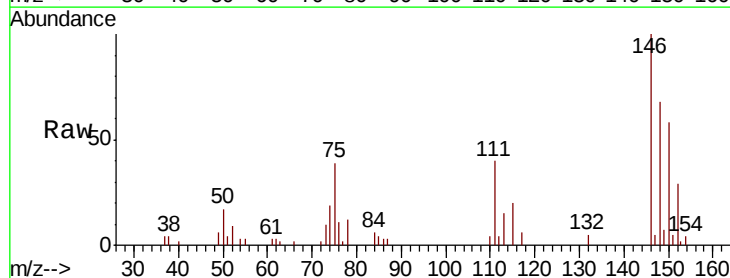
Instrument :
BNA_F
ClientSampleId :

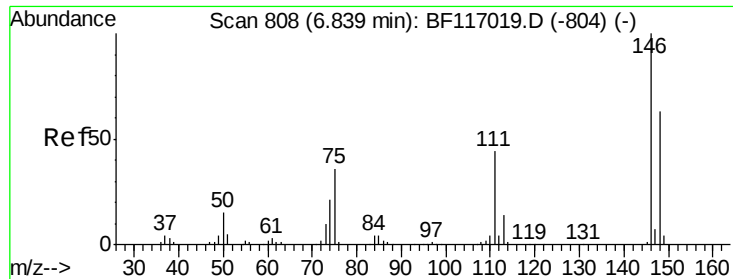
Tot Ion: 94 Resp: 25146
Ion Ratio Lower Upper
94 100
65 30.9 12.5 52.5
66 43.5 28.9 68.9



#12
1,3-Dichlorobenzene
Concen: 2.514 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.08 min
Lab File: BF117106.D
Acq: 17 Sep 2019 15:04

Tgt Ion: 146 Resp: 12652
Ion Ratio Lower Upper
146 100
148 67.6 50.8 76.2
75 39.0 28.7 43.1

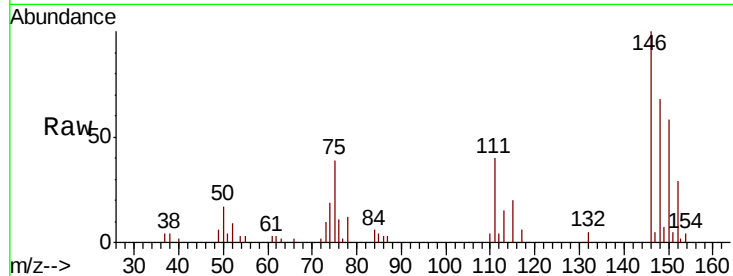




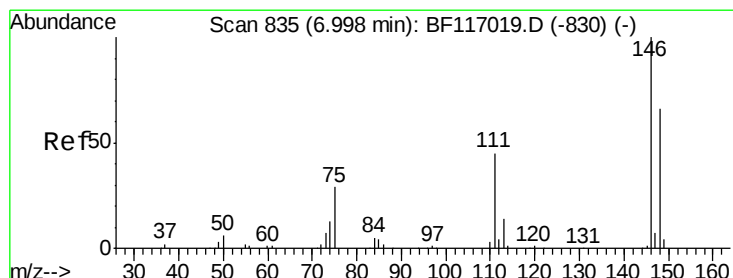
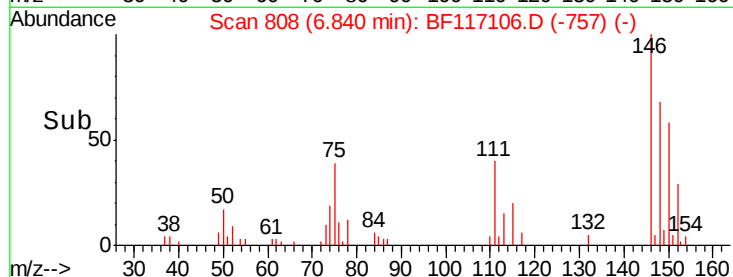
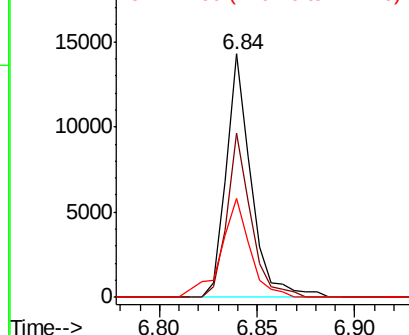
#13
 1,4-Dichlorobenzene
 Concen: 2.463 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117106.D
 Acq: 17 Sep 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 12652
 Ion Ratio Lower Upper
 146 100
 148 67.6 50.6 76.0
 111 40.5 35.0 52.6

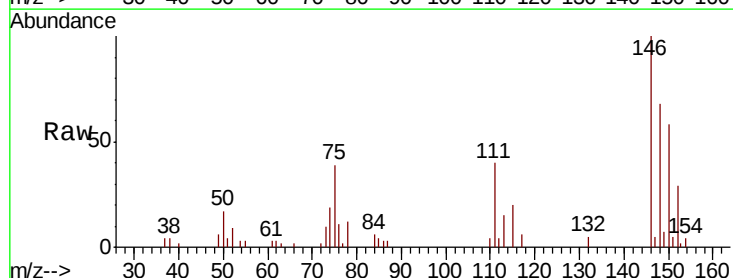


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

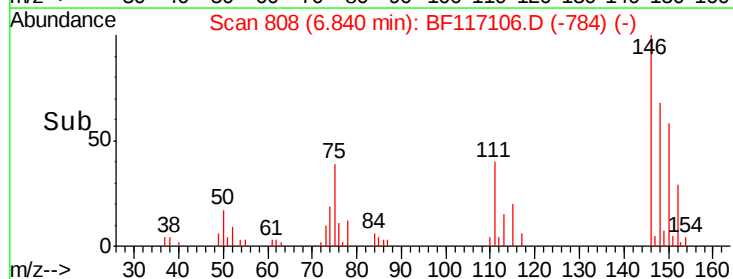
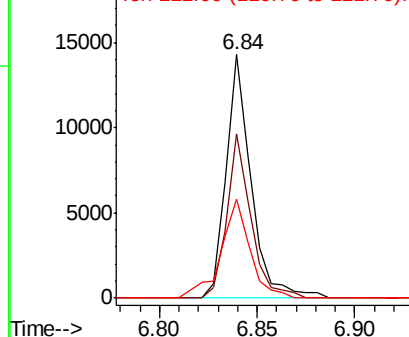


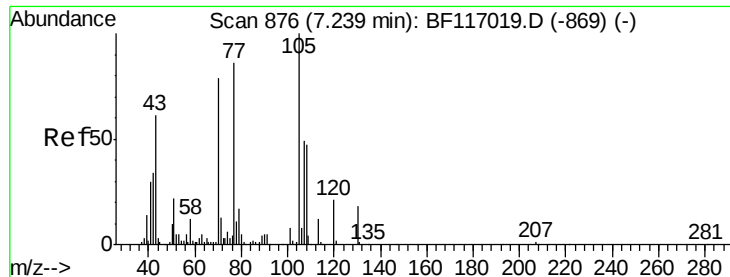
#14
 1,2-Dichlorobenzene
 Concen: 2.646 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.16 min
 Lab File: BF117106.D
 Acq: 17 Sep 2019 15:04

Tgt Ion:146 Resp: 12652
 Ion Ratio Lower Upper
 146 100
 148 67.6 52.6 78.8
 111 40.5 36.2 54.2



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

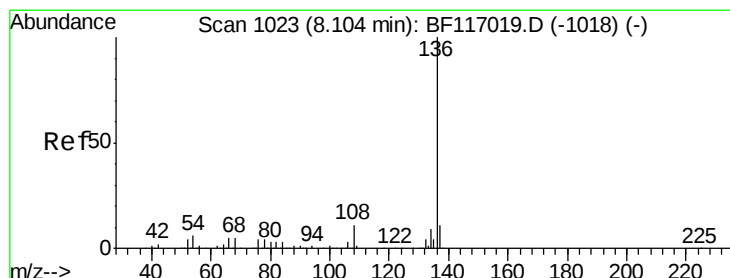
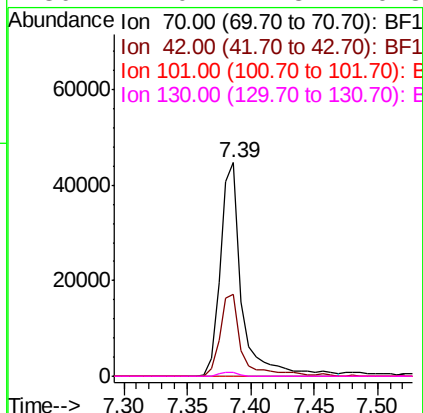
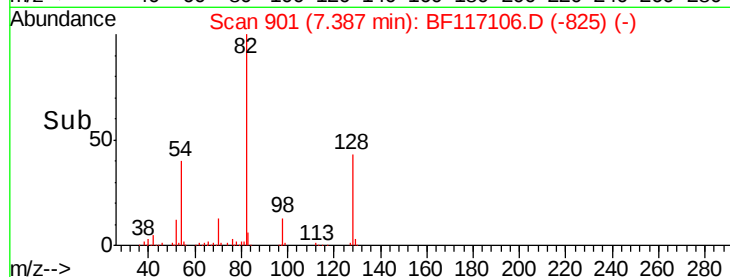
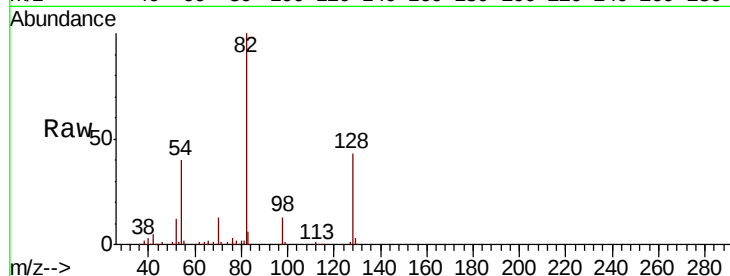




#19
n-Nitroso-di-n-propylamine
Concen: 16.247 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF117106.D
Acq: 17 Sep 2019 15:04

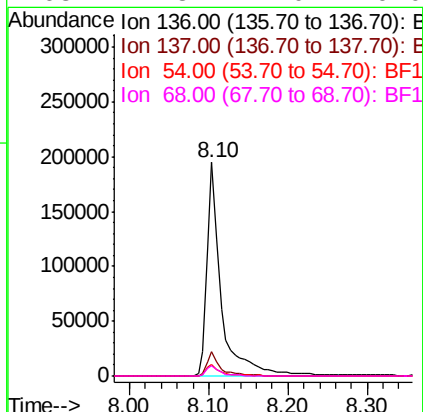
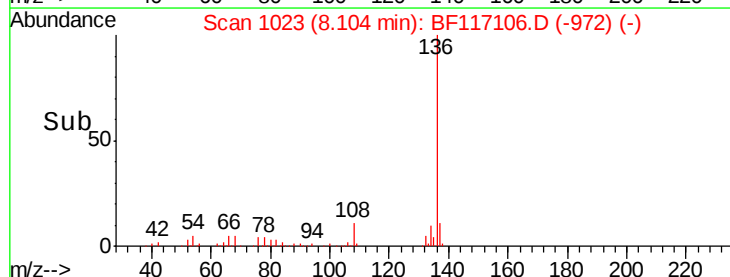
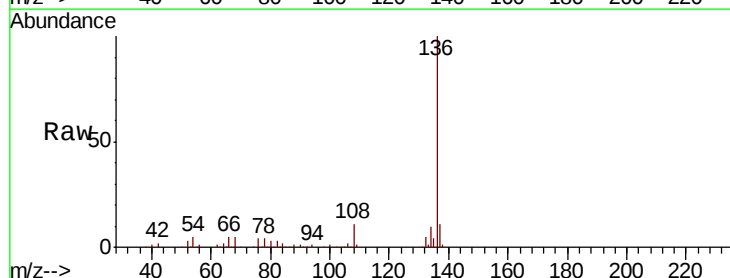
Instrument :
BNA_F
ClientSampleId :

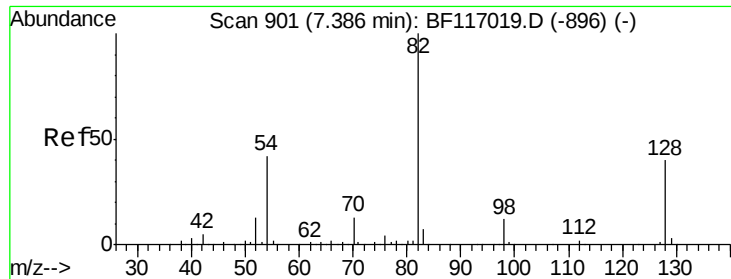
Tot Ion	Ratio	Lower	Upper
70	100		
42	38.1	34.0	51.0
101	0.0	7.8	11.6#
130	2.0	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117106.D
Acq: 17 Sep 2019 15:04

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	5.3	4.5	6.7
68	4.8	4.0	6.0

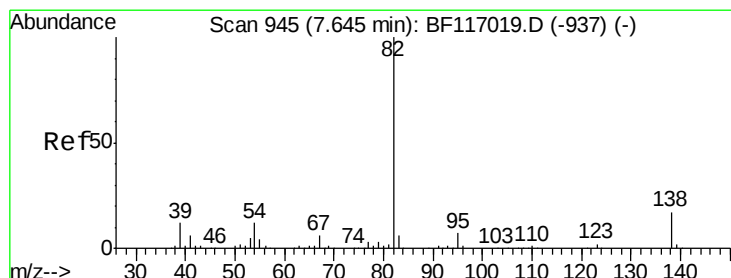
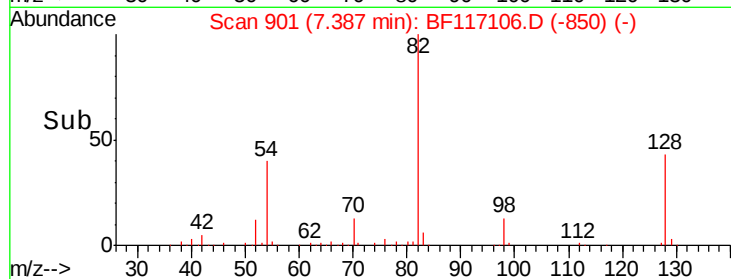
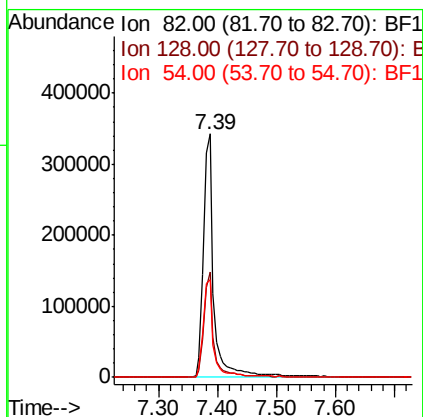
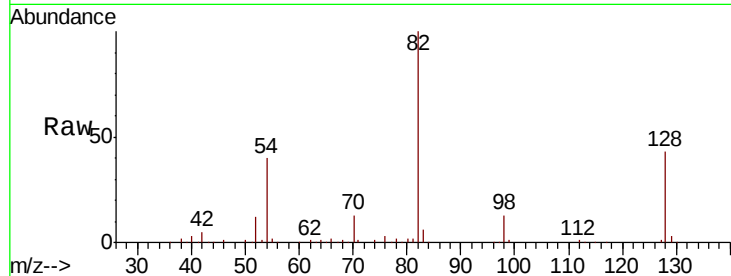




#23
Nitrobenzene-d5
Concen: 89.089 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117106.D
Acq: 17 Sep 2019 15:04

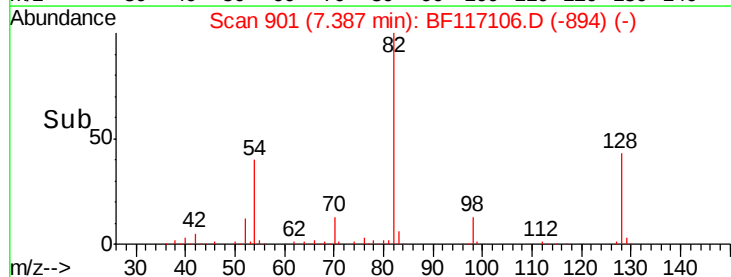
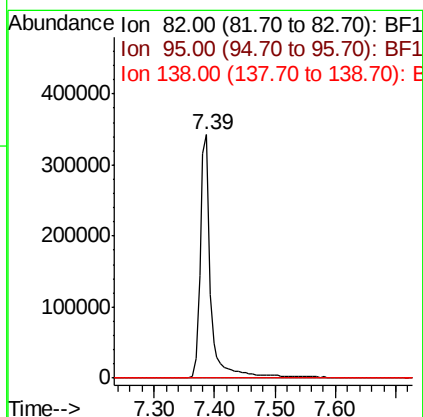
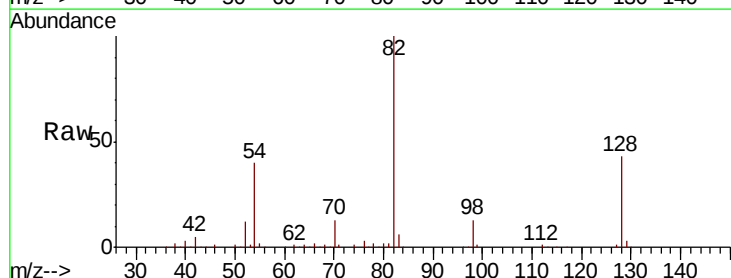
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BNA_F
ClientSampleId :

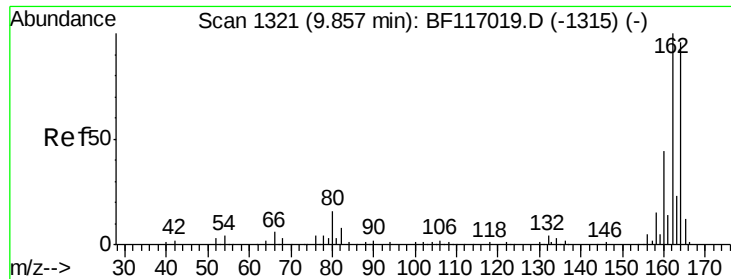
Tot Ion	82	Resp	423338
Ion Ratio	Lower	Upper	
82	100		
128	43.2	32.3	48.5
54	39.9	33.3	49.9



#25
Isophorone
Concen: 50.316 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF117106.D
Acq: 17 Sep 2019 15:04

Tgt Ion	82	Resp	423336
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

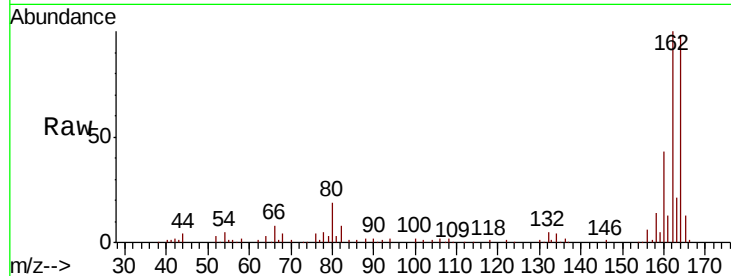




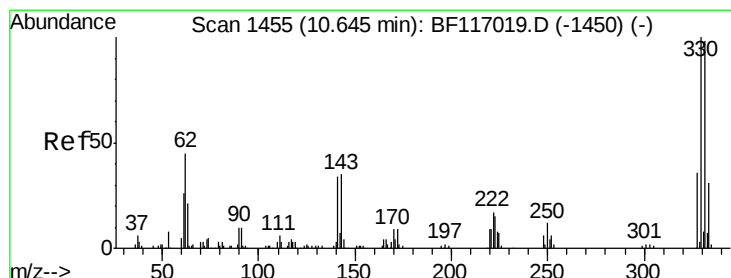
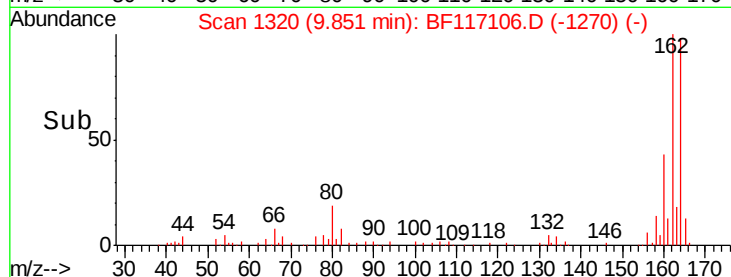
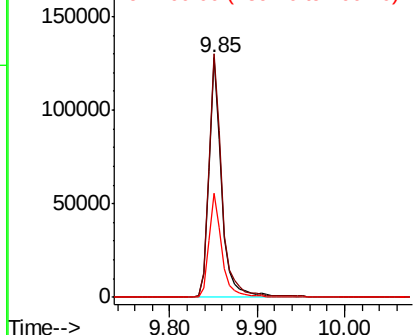
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117106.D
Acq: 17 Sep 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 129886
Ion Ratio Lower Upper
164 100
162 101.6 83.4 125.2
160 43.6 36.4 54.6

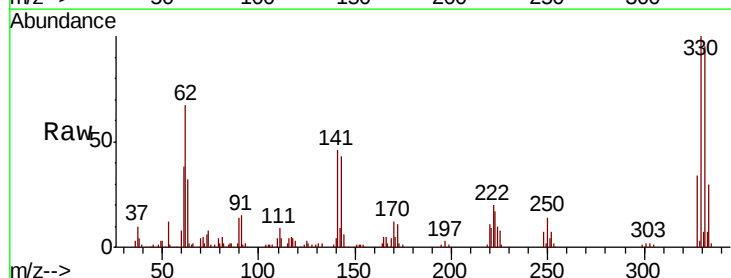


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

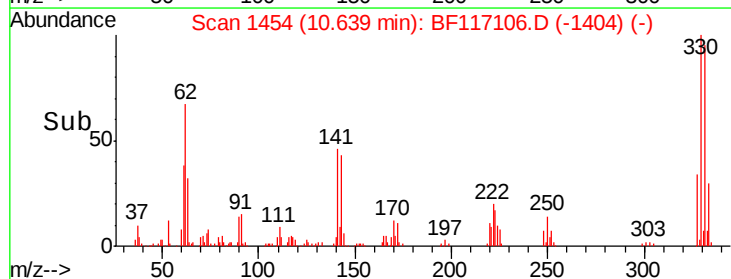
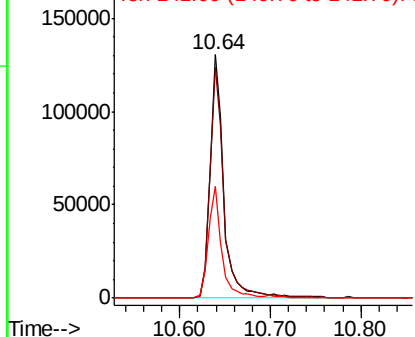


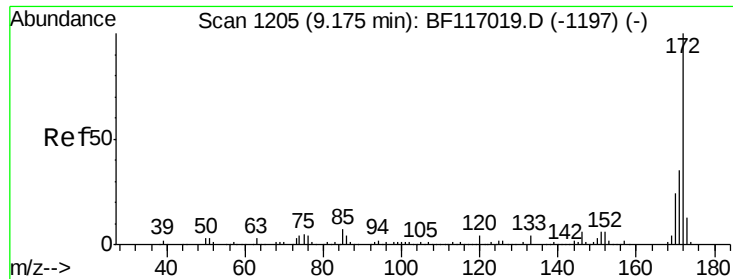
#42
2,4,6-Tribromophenol
Concen: 130.090 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117106.D
Acq: 17 Sep 2019 15:04

Tgt Ion:330 Resp: 141219
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 45.5 35.8 53.6



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

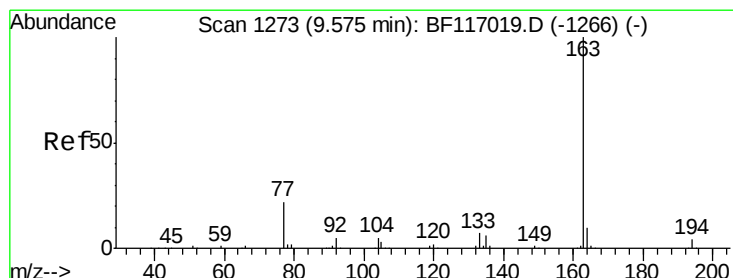
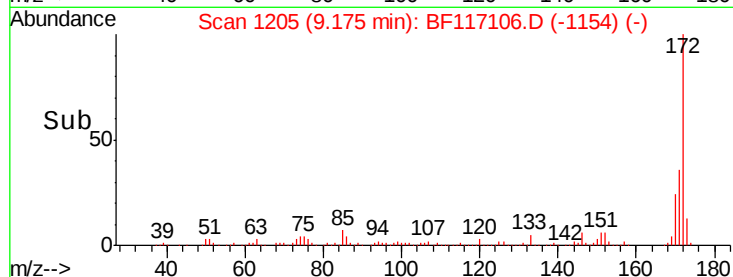
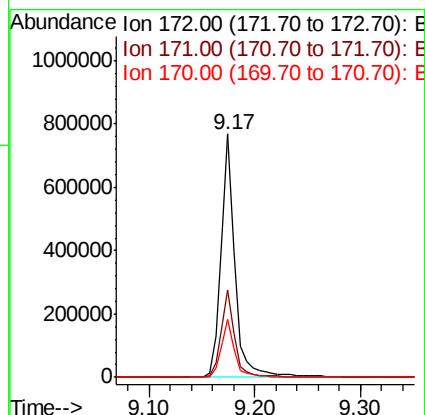
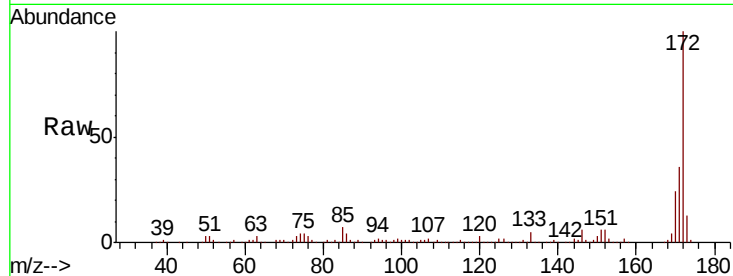




#45
2-Fluorobiphenyl
Concen: 88.387 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117106.D
Acq: 17 Sep 2019 15:04

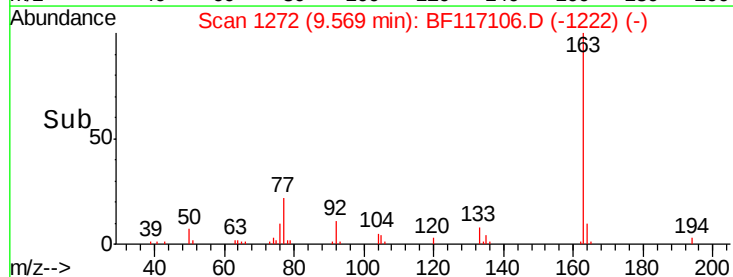
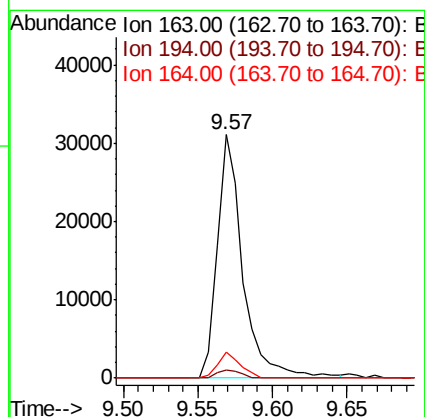
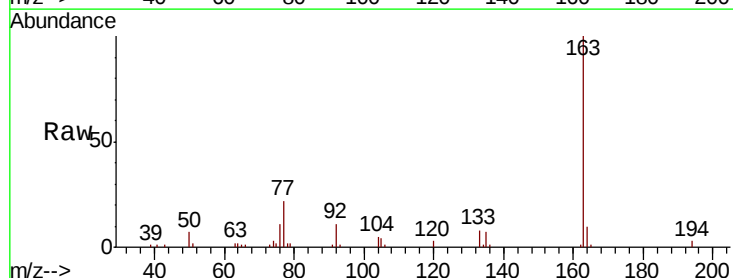
Instrument :
BNA_F
ClientSampled :

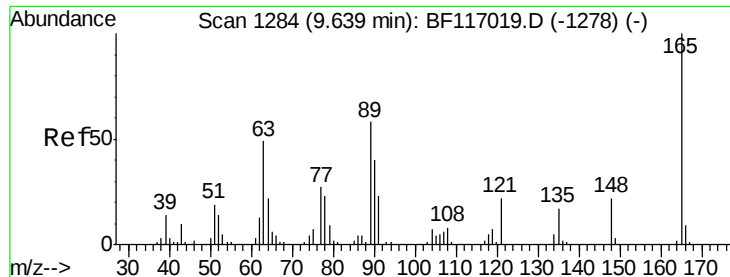
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	23.8	18.9	28.3



#50
Dimethylphthalate
Concen: 4.033 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117106.D
Acq: 17 Sep 2019 15:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	10.5	8.2	12.4

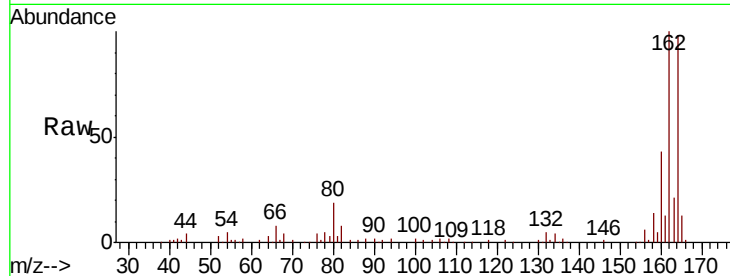




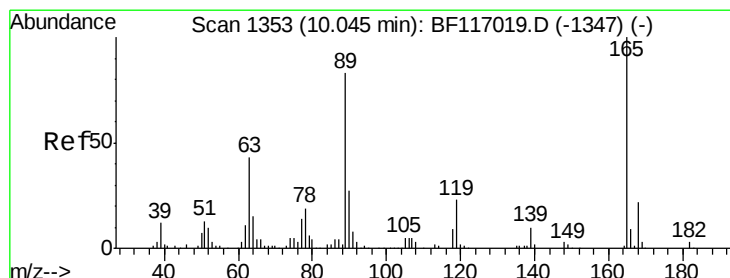
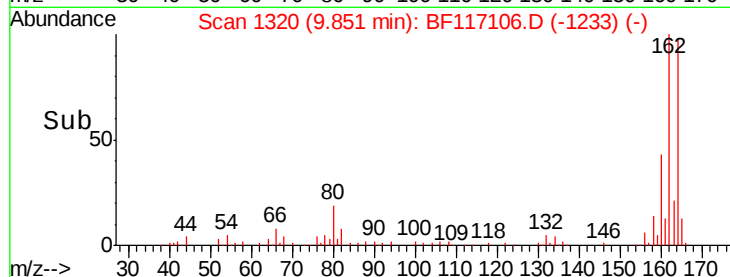
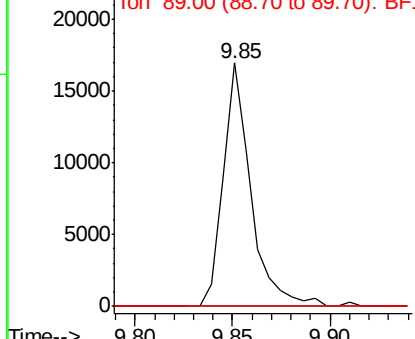
#51
 2,6-Dinitrotoluene
 Concen: 8.863 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.21 min
 Lab File: BF117106.D
 Acq: 17 Sep 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#

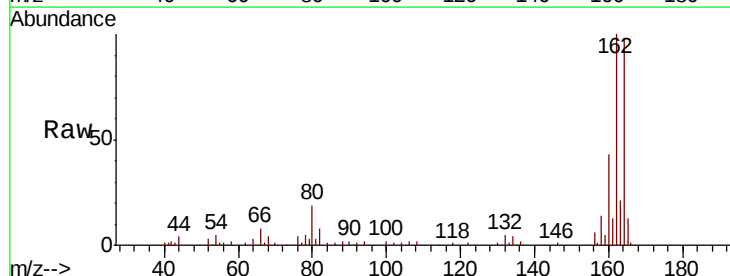


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

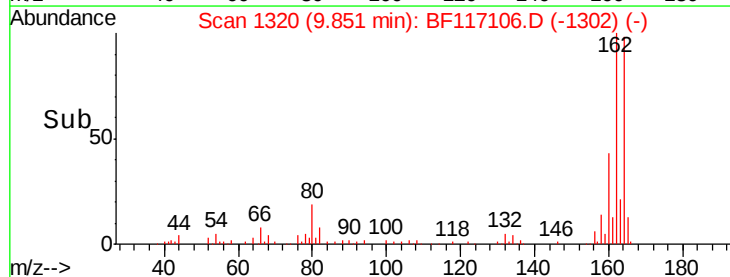
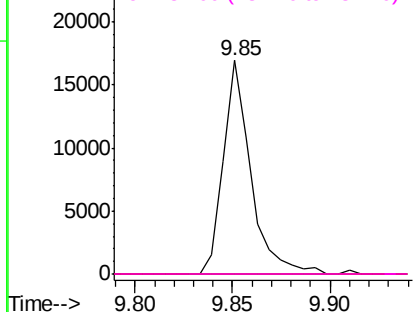


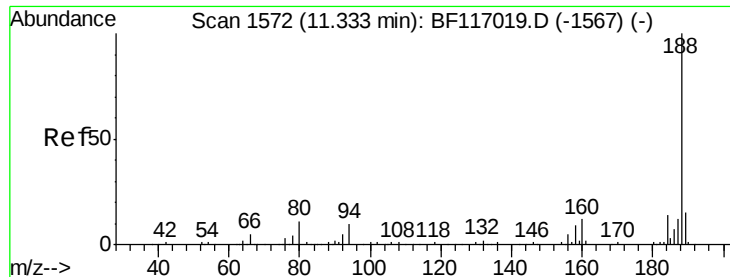
#57
 2,4-Dinitrotoluene
 Concen: 6.828 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF117106.D
 Acq: 17 Sep 2019 15:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#



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

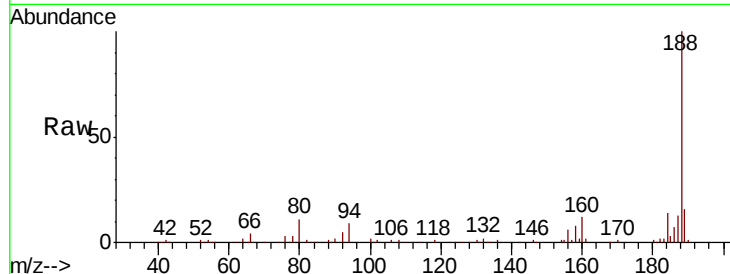




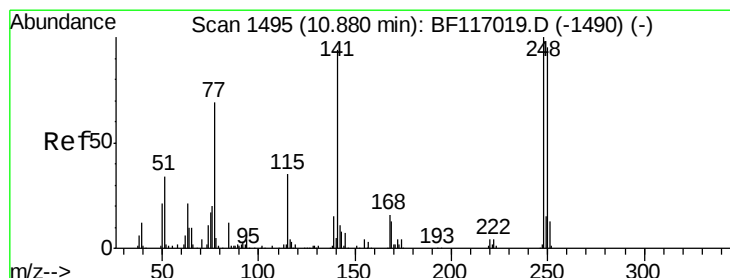
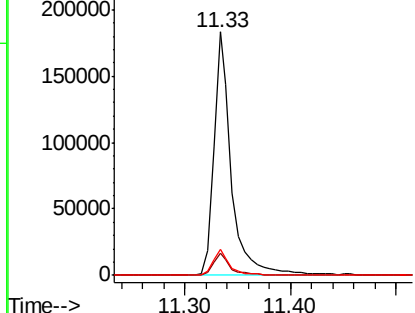
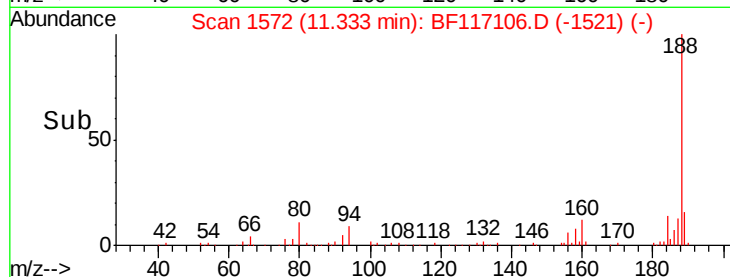
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF117106.D
 Acq: 17 Sep 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	10.6	9.0	13.6

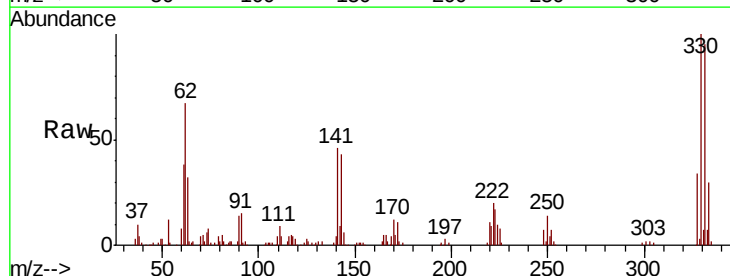


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

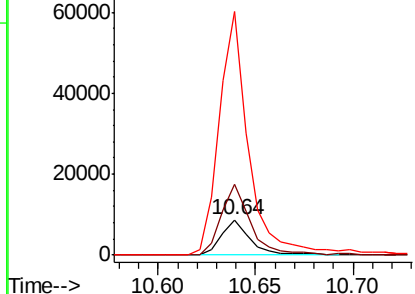
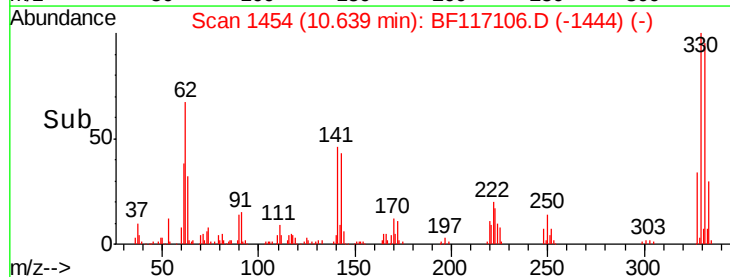


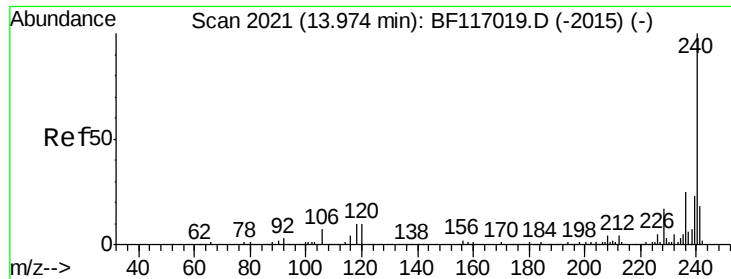
#67
 4-Bromophenyl-phenylether
 Concen: 4.127 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF117106.D
 Acq: 17 Sep 2019 15:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	202.8	76.2	114.4#
141	692.1	75.0	112.4#



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

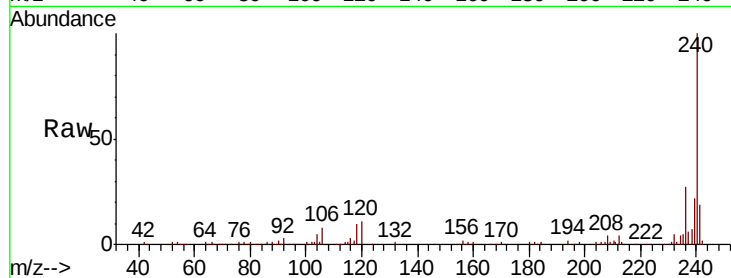




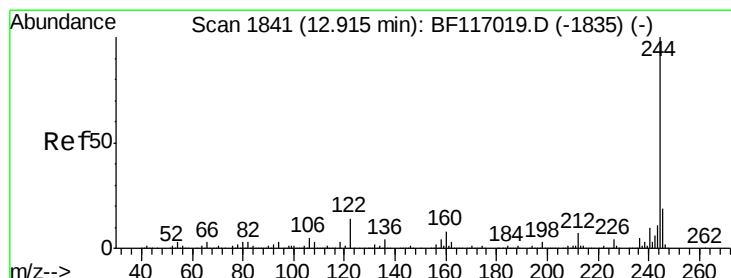
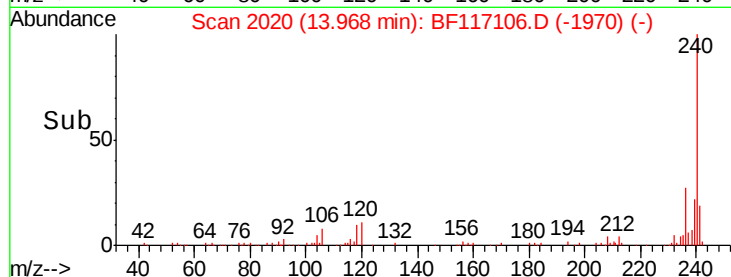
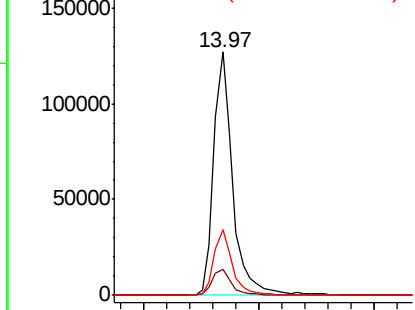
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117106.D
Acq: 17 Sep 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.3	12.5
236	27.1	20.3	30.5

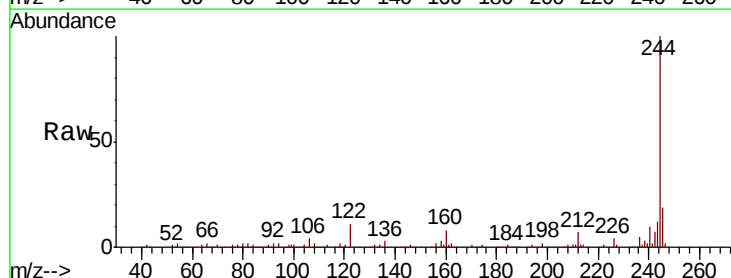


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

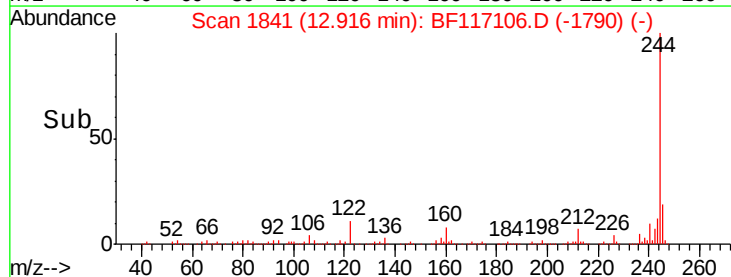
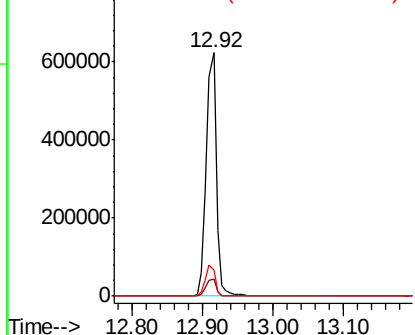


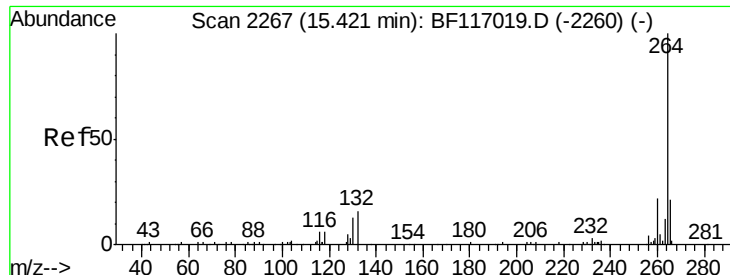
#79
Terphenyl-d14
Concen: 79.628 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117106.D
Acq: 17 Sep 2019 15:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.8	11.3	16.9#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF117106.D
Acq: 17 Sep 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.6	26.4
265	22.6	16.6	24.8

