

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091919\
 Data File : BF117182.D
 Acq On : 19 Sep 2019 18:43
 Operator : HP/JU
 Sample : K4957-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 01:35:21 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

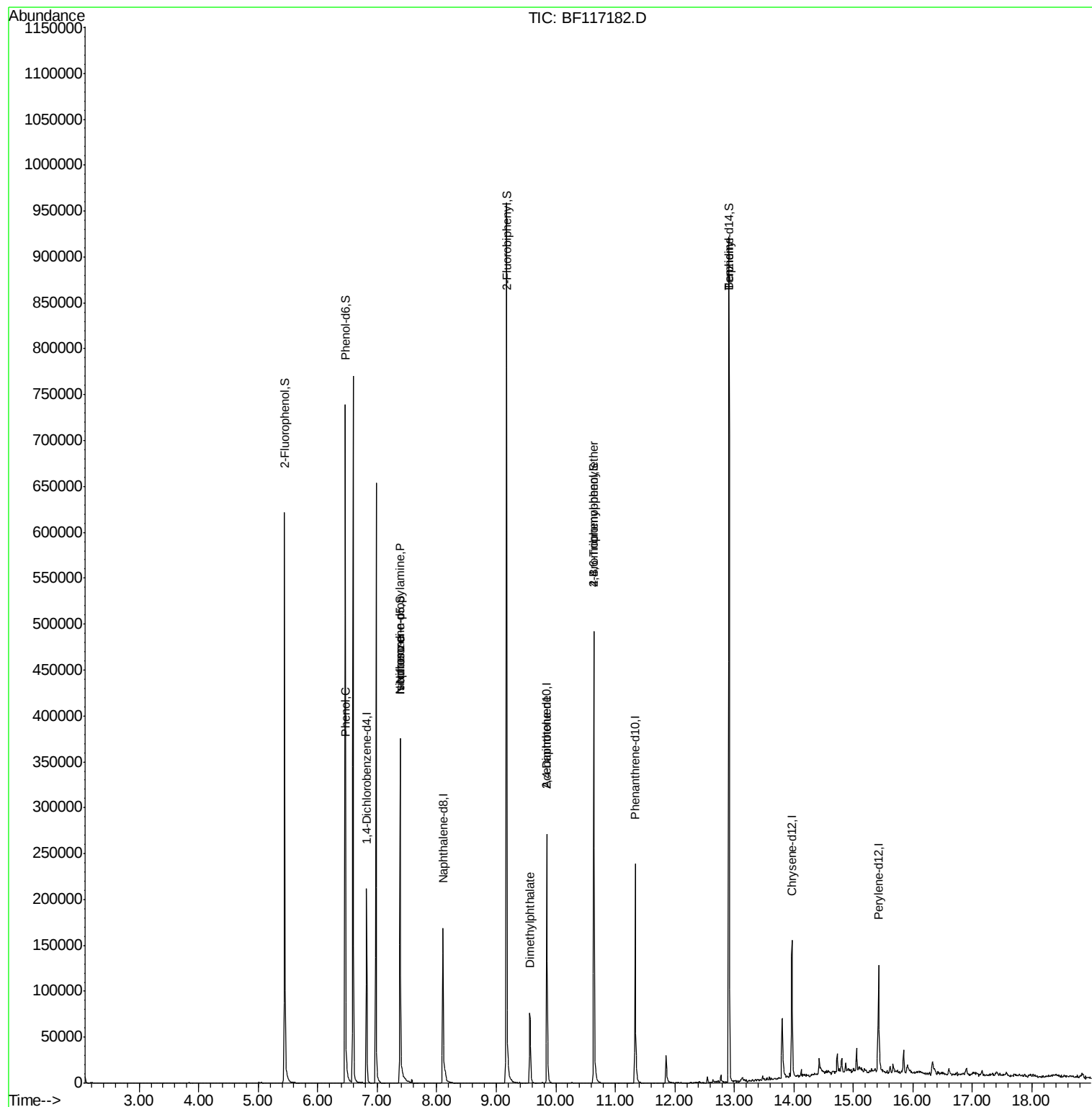
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	27432	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	113348	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	62810	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	103503	20.00	ng	0.00
76) Chrysene-d12	13.97	240	54767	20.00	ng	0.00
87) Perylene-d12	15.42	264	51273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	181289	103.18	ng	0.00
7) Phenol-d6	6.46	99	256137	112.80	ng	0.00
23) Nitrobenzene-d5	7.39	82	163332	75.71	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	62019	118.14	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	319049	79.42	ng	0.00
79) Terphenyl-d14	12.91	244	292099	99.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	415	Below Cal	Qvalue	# 1
10) Phenol	6.47	94	10346	4.133	ng	# 93
19) n-Nitroso-di-n-propylamine	7.39	70	21352	15.442	ng	# 82
25) Isophorone	7.39	82	163331	42.761	ng	# 66
50) Dimethylphthalate	9.56	163	44640	10.038	ng	# 100
57) 2,4-Dinitrotoluene	9.85	165	7867	6.691	ng	# 18
67) 4-Bromophenyl-phenylether	10.64	248	3779	3.575	ng	# 1
77) Benzidine	12.91	184	4512	2.558	ng	# 90

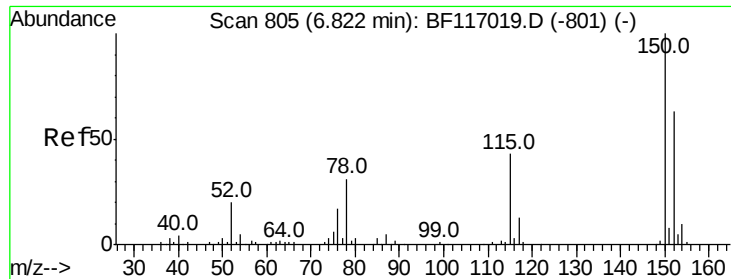
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091919\
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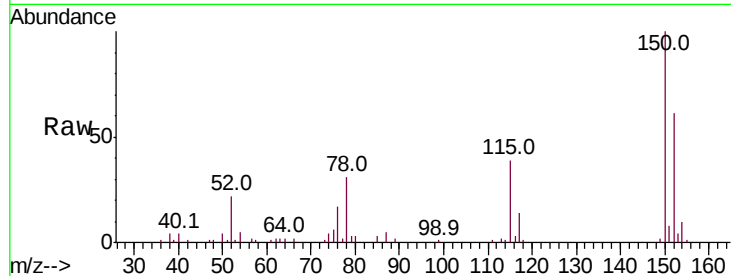


#1

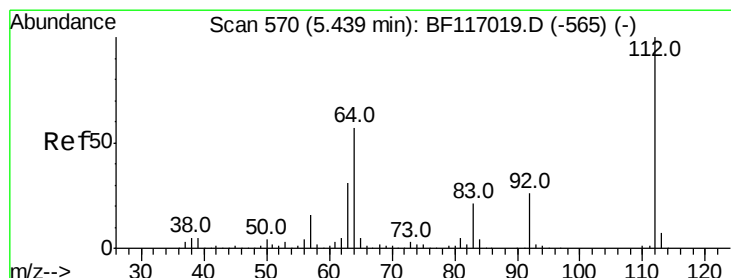
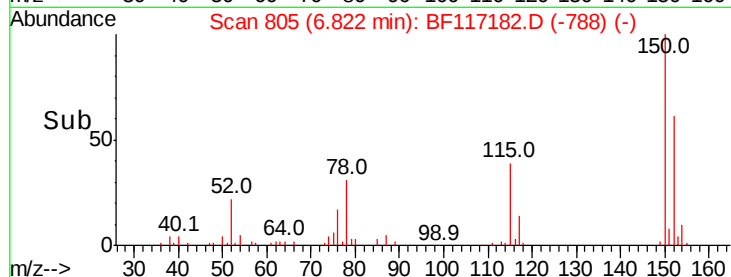
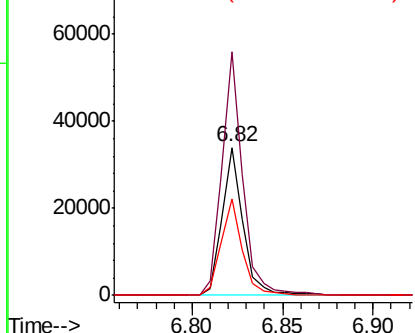
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117182.D
Acq: 19 Sep 2019 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 27432
Ion Ratio Lower Upper
152 100
150 164.9 127.5 191.3
115 65.0 55.0 82.4



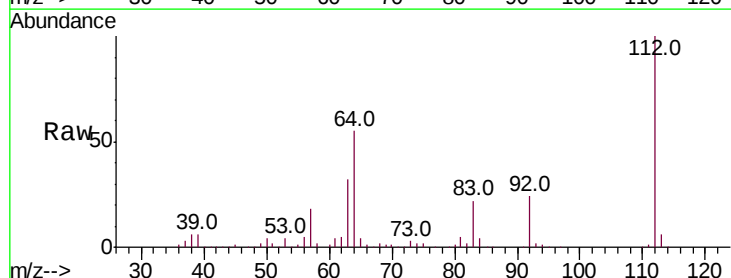
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



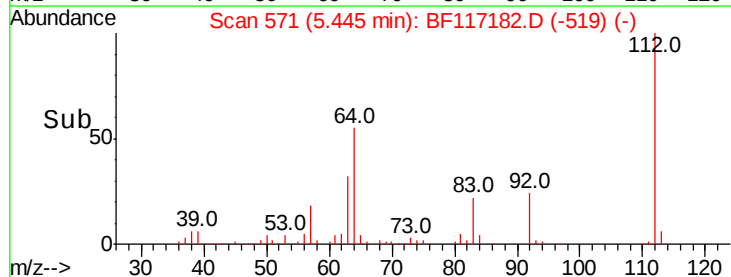
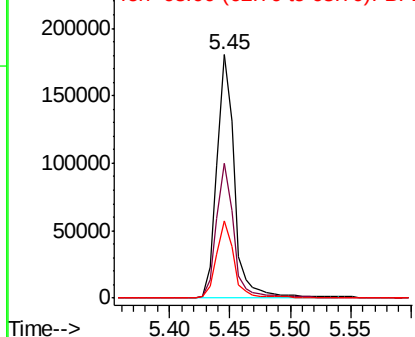
#5

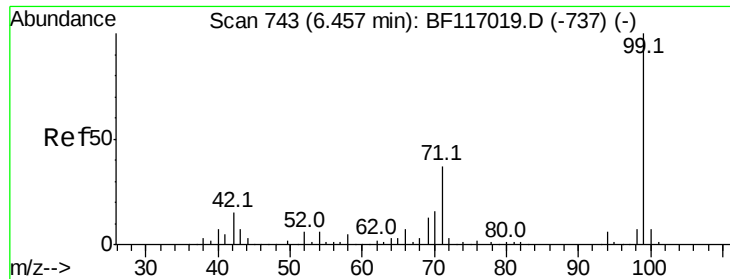
2-Fluorophenol
Concen: 103.178 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117182.D
Acq: 19 Sep 2019 18:43

Tgt Ion:112 Resp: 181289
Ion Ratio Lower Upper
112 100
64 55.3 45.7 68.5
63 31.6 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: 112.798 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117182.D

Acq: 19 Sep 2019 18:43

Instrument :

BNA_F

ClientSampleId :

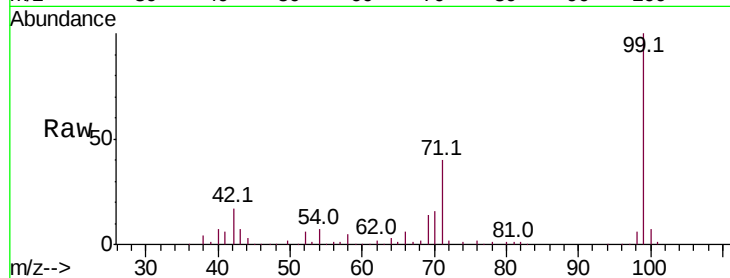
Tot Ion: 99 Resp: 256137

Ion Ratio Lower Upper

99 100

42 16.9 12.2 18.2

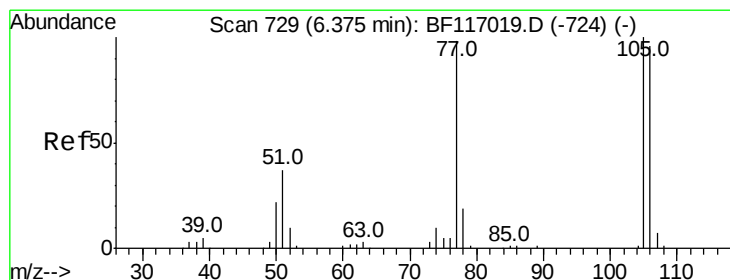
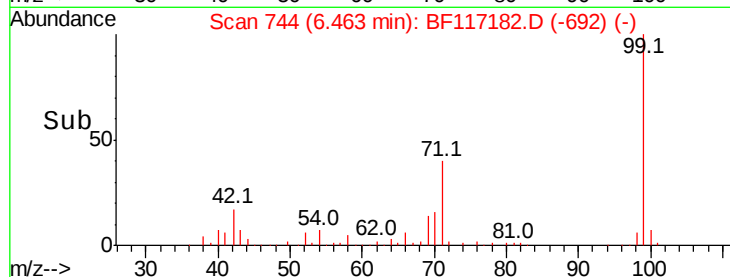
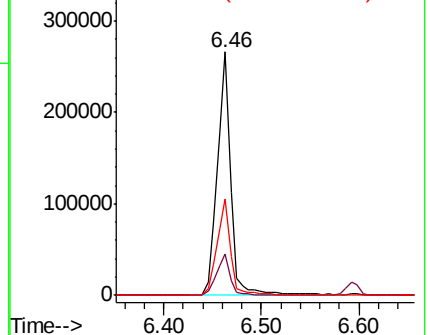
71 39.6 29.8 44.8



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: 6.46 min Scan# 744

Delta R.T. 0.09 min

Lab File: BF117182.D

Acq: 19 Sep 2019 18:43

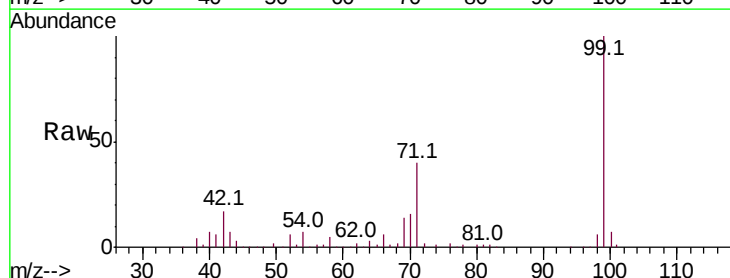
Tgt Ion: 77 Resp: 415

Ion Ratio Lower Upper

77 100

105 0.0 81.8 121.8#

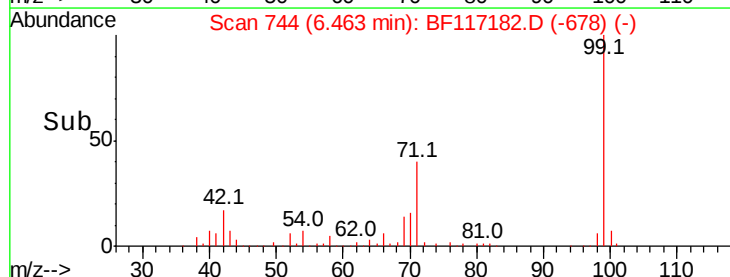
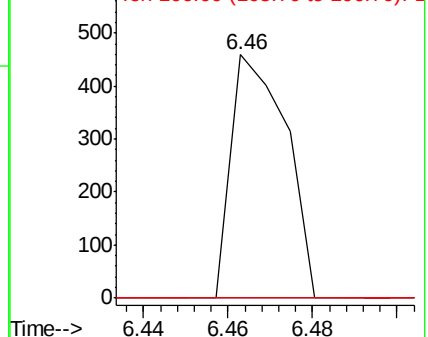
106 0.0 77.3 117.3#

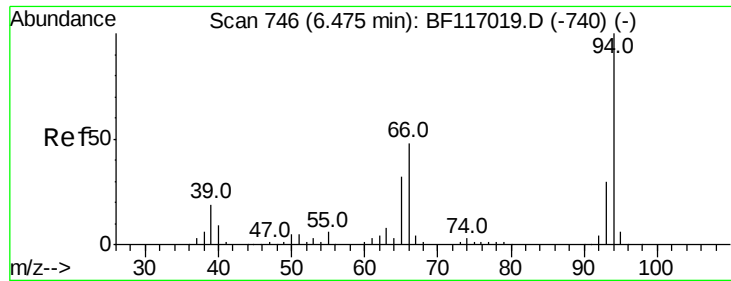


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

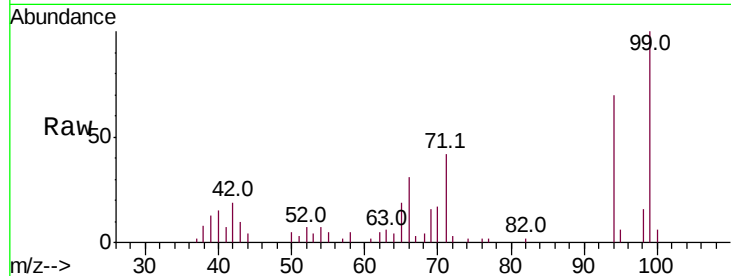




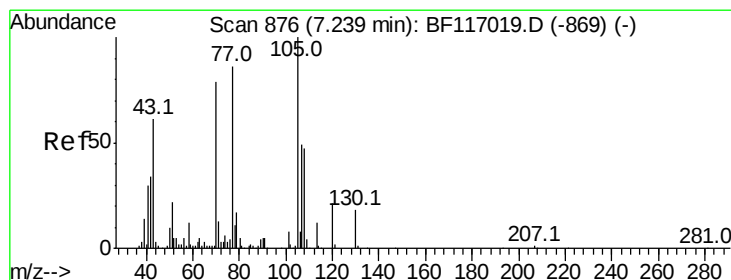
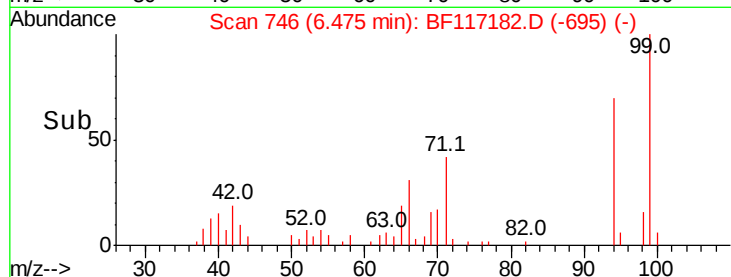
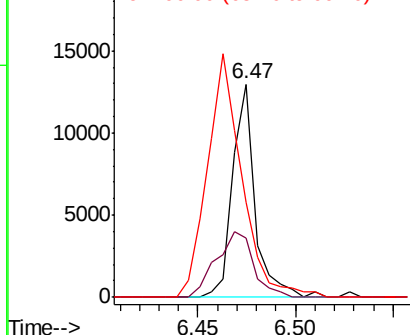
#10
Phenol
Concen: 4.133 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF117182.D
Acq: 19 Sep 2019 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 10346
Ion Ratio Lower Upper
94 100
65 27.7 12.5 52.5
66 44.5 28.9 68.9

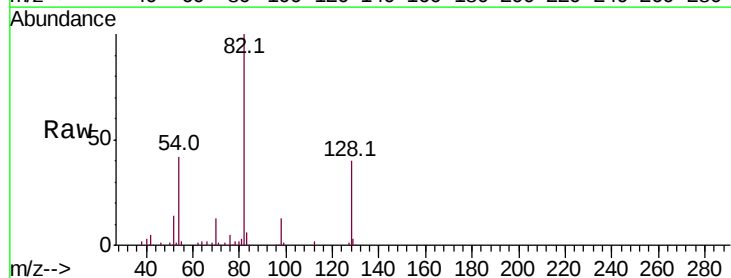


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

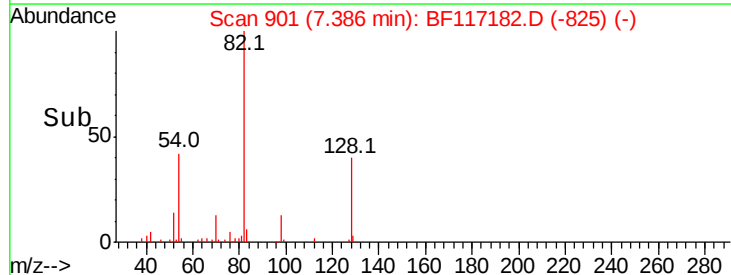
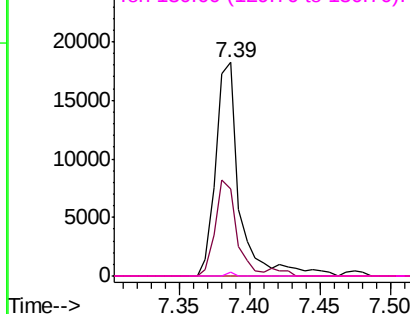


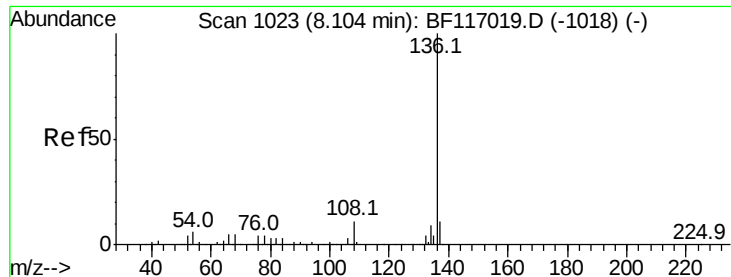
#19
n-Nitroso-di-n-propylamine
Concen: 15.442 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF117182.D
Acq: 19 Sep 2019 18:43

Tgt Ion: 70 Resp: 21352
Ion Ratio Lower Upper
70 100
42 40.7 34.0 51.0
101 0.0 7.8 11.6#
130 1.7 17.8 26.8#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

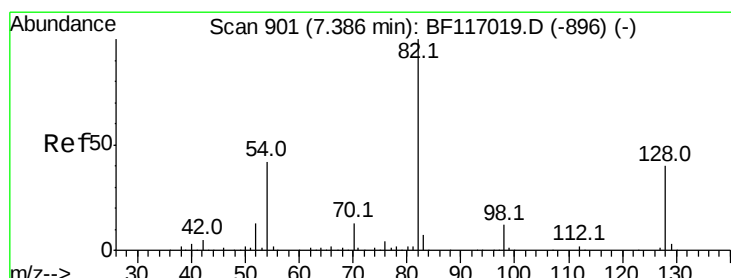
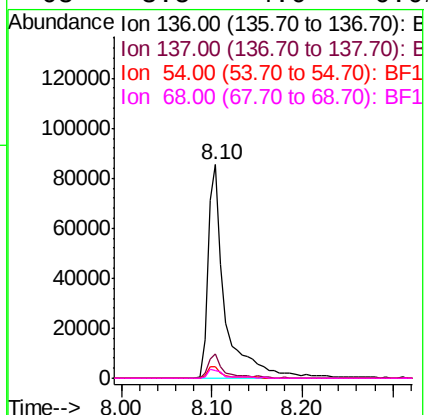
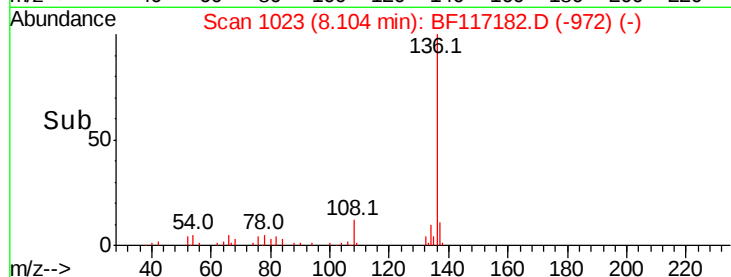
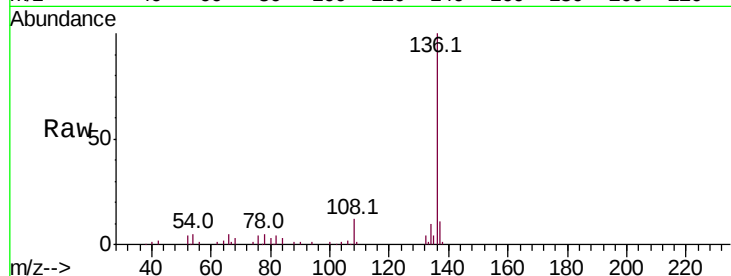




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF117182.D
Acq: 19 Sep 2019 18:43

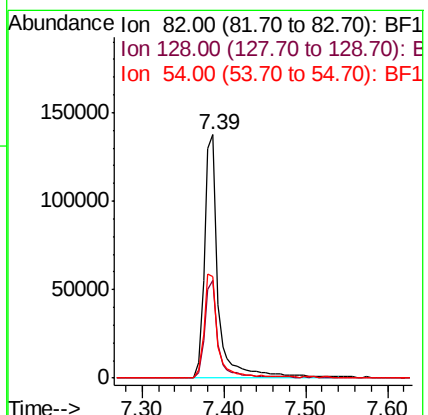
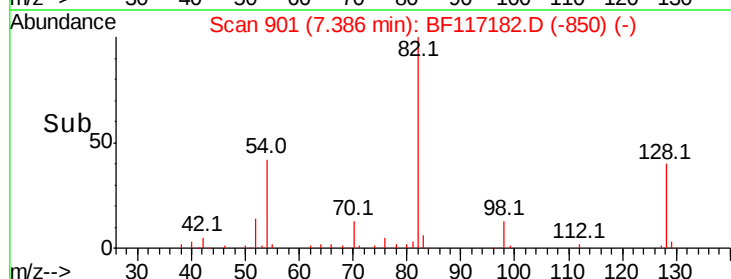
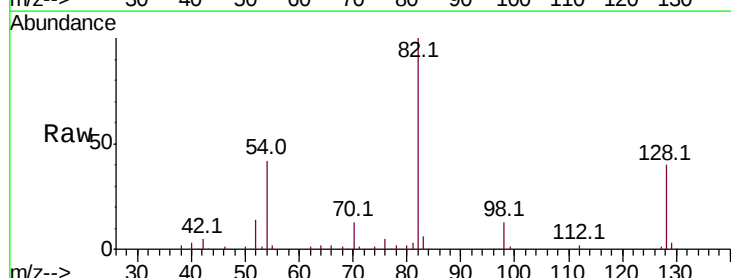
Instrument :
BNA_F
ClientSampleId :

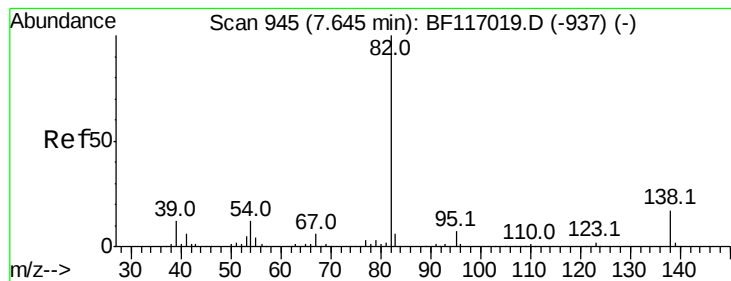
Tot Ion:136	Resp:	113348
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.0 13.4
54	5.5	4.5 6.7
68	3.5	4.0 6.0#



#23
Nitrobenzene-d5
Concen: 75.713 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF117182.D
Acq: 19 Sep 2019 18:43

Tgt Ion: 82	Resp:	163332
Ion	Ratio	Lower Upper
82	100	
128	39.9	32.3 48.5
54	41.6	33.3 49.9





#25

Isophorone

Concen: 42.761 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.26 min

Lab File: BF117182.D

Acq: 19 Sep 2019 18:43

Instrument :

BNA_F

ClientSampleId :

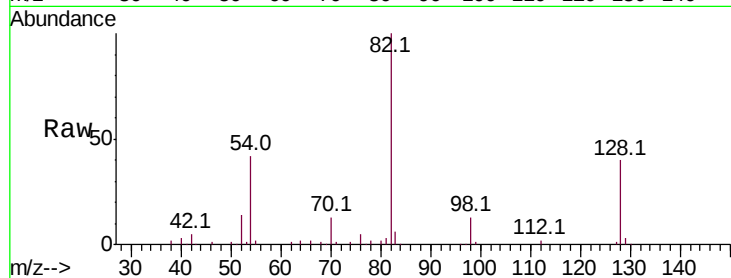
Tot Ion: 82 Resp: 163331

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

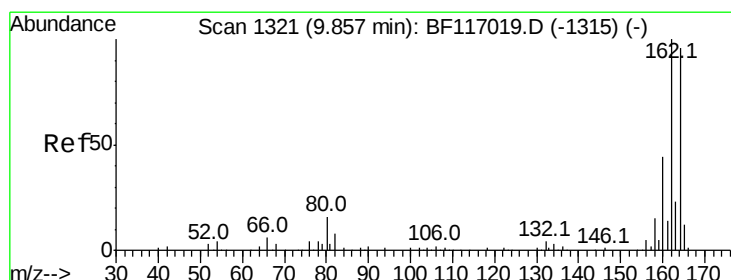
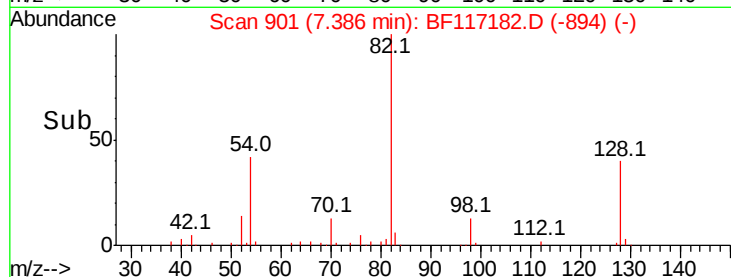
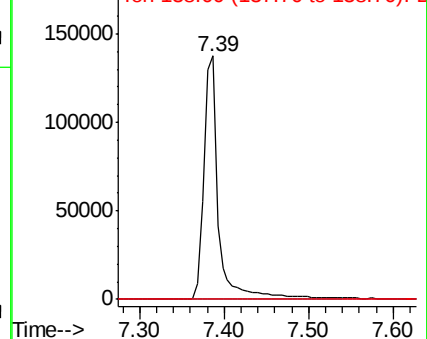
138 0.0 13.5 20.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117182.D

Acq: 19 Sep 2019 18:43

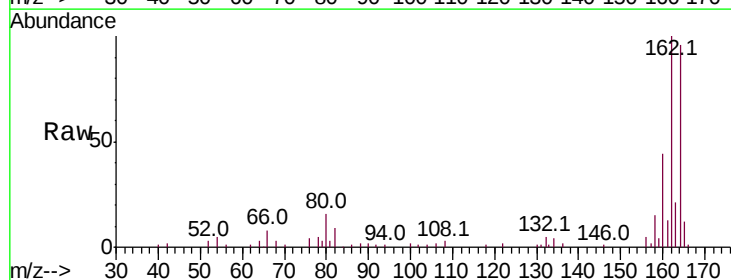
Tgt Ion: 164 Resp: 62810

Ion Ratio Lower Upper

164 100

162 103.9 83.4 125.2

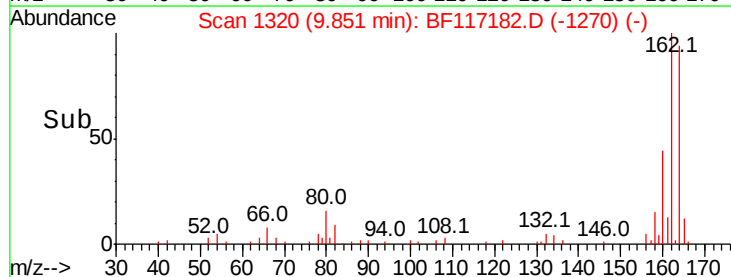
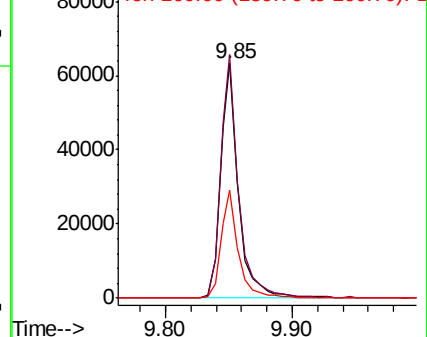
160 46.1 36.4 54.6

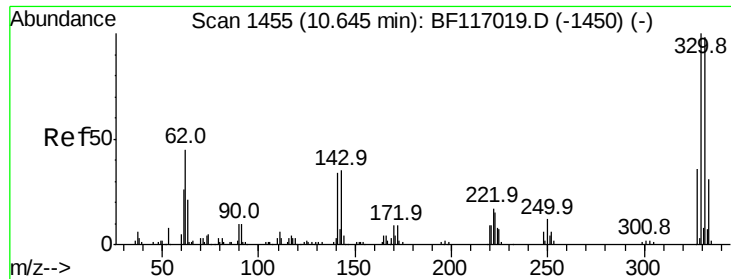


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

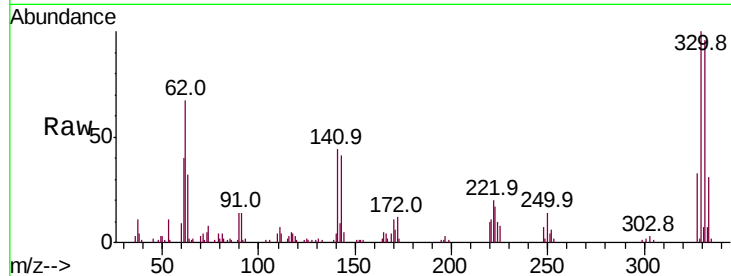




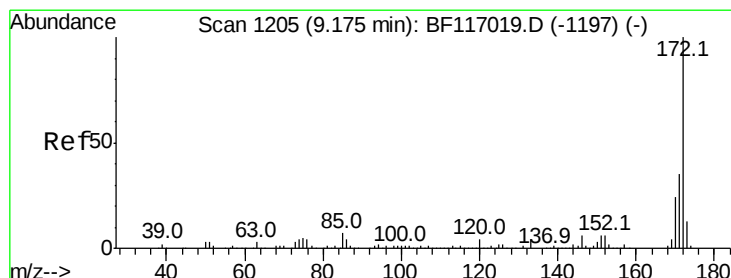
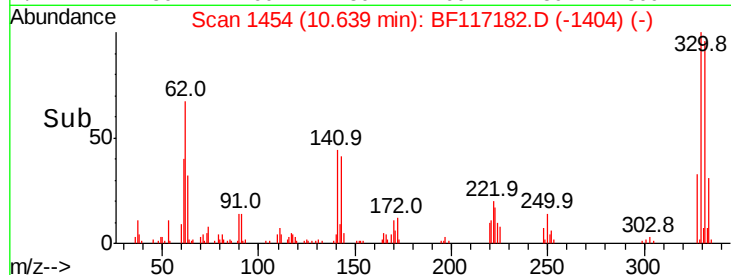
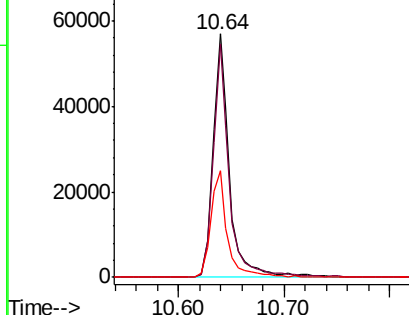
#42
 2,4,6-Tribromophenol
 Concen: 118.143 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117182.D
 Acq: 19 Sep 2019 18:43

Instrument :
 BNA_F
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Tot Ion:330 Resp: 62019
 Ion Ratio Lower Upper
 330 100
 332 93.6 78.0 117.0
 141 44.2 35.8 53.6

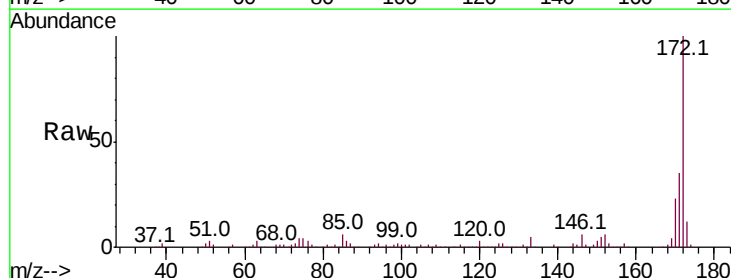


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

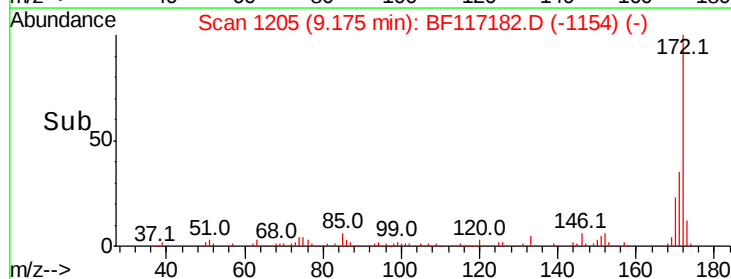
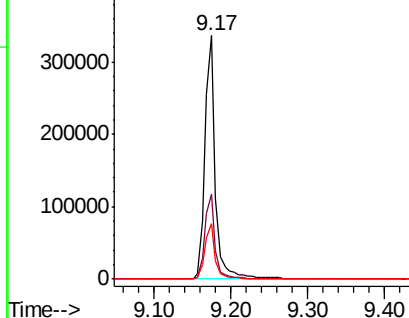


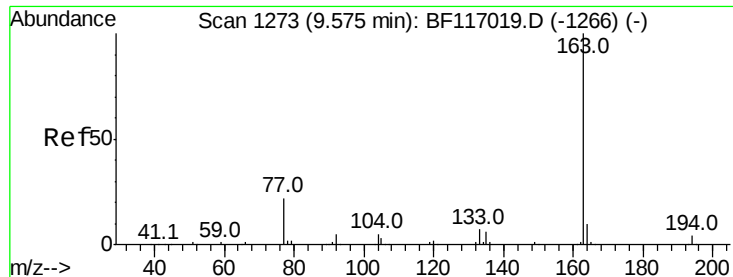
#45
 2-Fluorobiphenyl
 Concen: 79.423 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF117182.D
 Acq: 19 Sep 2019 18:43

Tgt Ion:172 Resp: 319049
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.2 42.2
 170 22.8 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

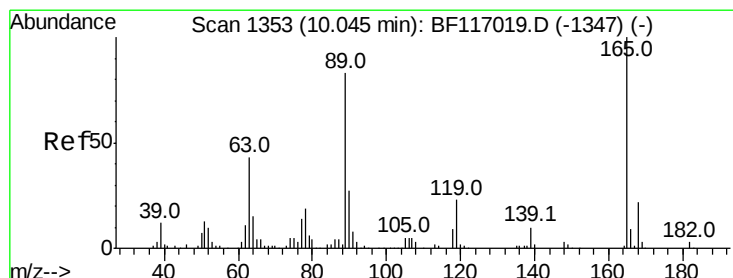
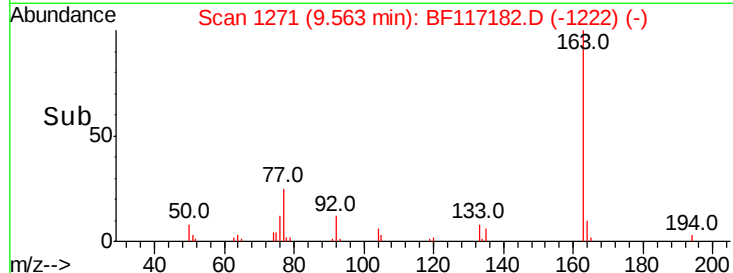
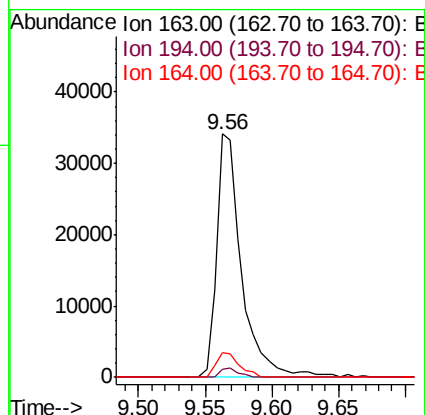
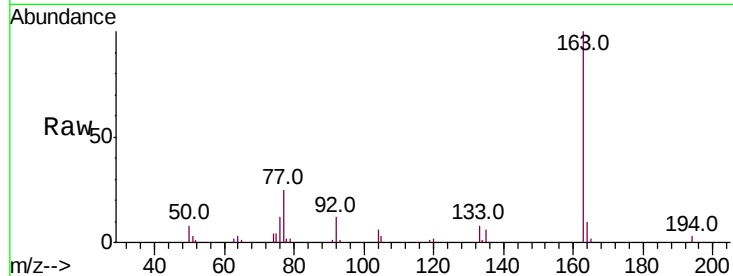




#50
Dimethylphthalate
Concen: 10.038 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117182.D
Acq: 19 Sep 2019 18:43

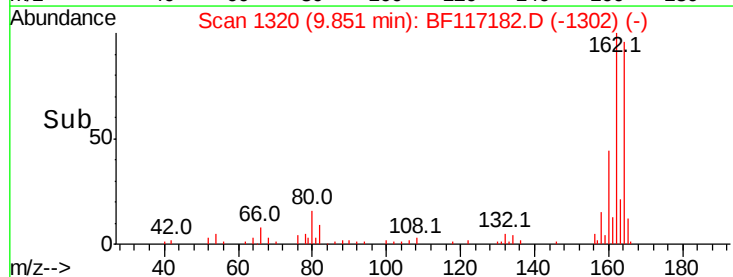
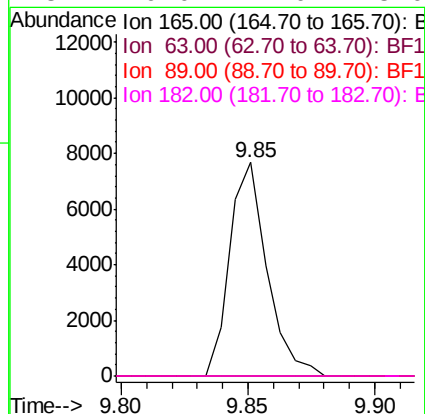
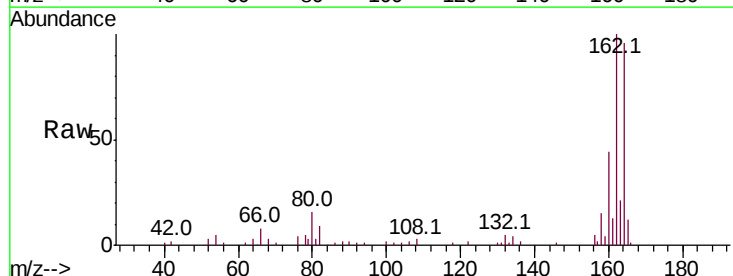
Instrument :
BNA_F
ClientSampleId :

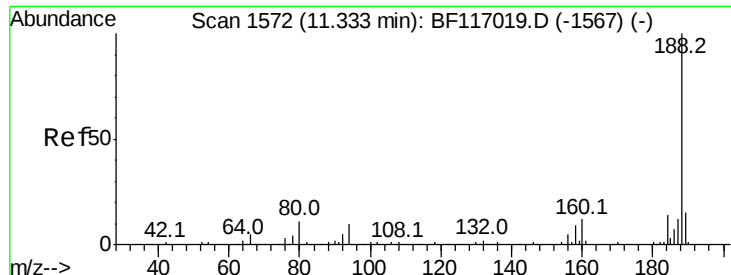
Tot Ion:163 Resp: 44640
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.3 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.691 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF117182.D
Acq: 19 Sep 2019 18:43

Tgt Ion:165 Resp: 7867
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#

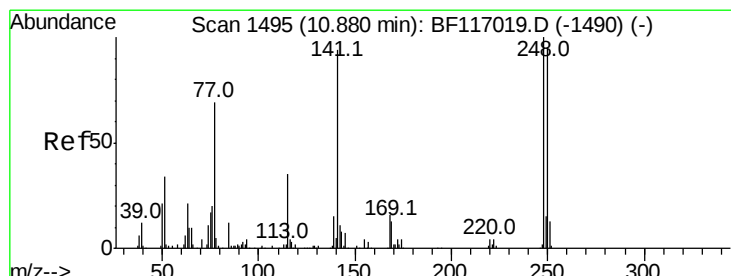
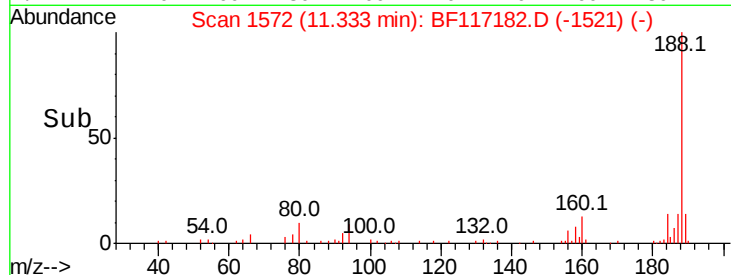
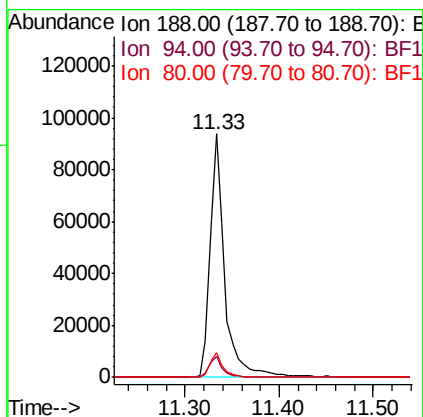
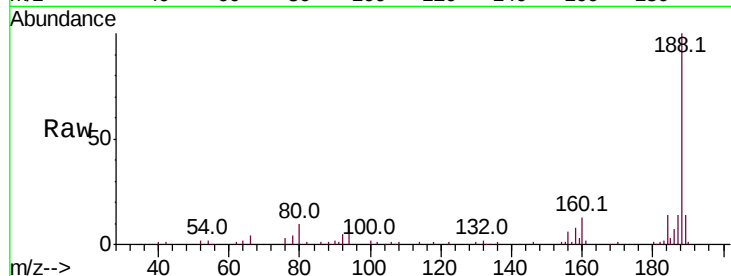




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF117182.D
 Acq: 19 Sep 2019 18:43

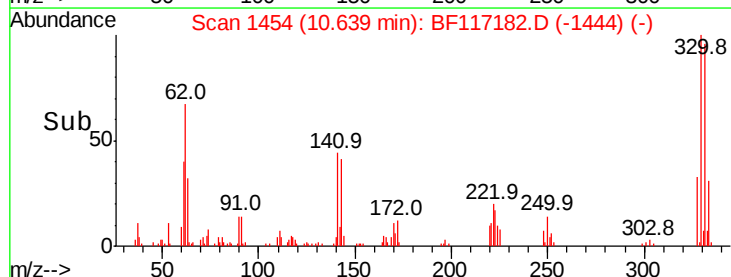
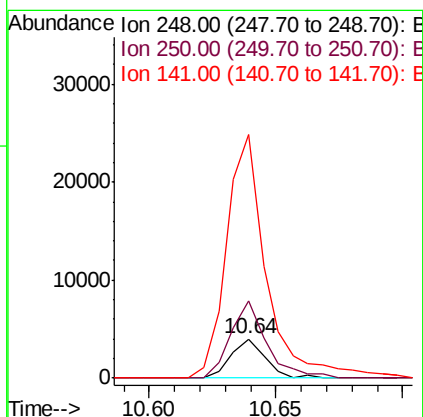
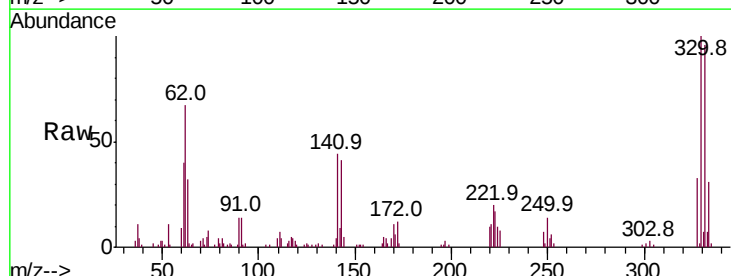
Instrument :
 BNA_F
 ClientSampleId :

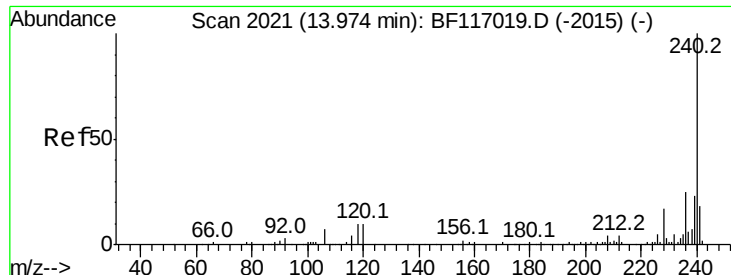
Tot Ion:188 Resp: 103503
 Ion Ratio Lower Upper
 188 100
 94 8.6 8.2 12.2
 80 10.2 9.0 13.6



#67
 4-Bromophenyl-phenylether
 Concen: 3.575 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF117182.D
 Acq: 19 Sep 2019 18:43

Tgt Ion:248 Resp: 3779
 Ion Ratio Lower Upper
 248 100
 250 196.3 76.2 114.4#
 141 623.5 75.0 112.4#

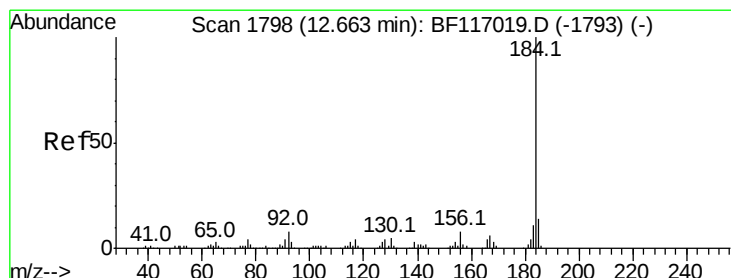
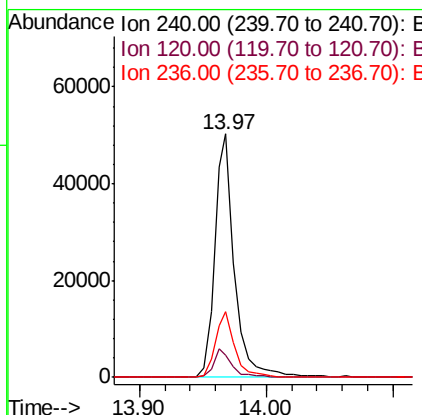
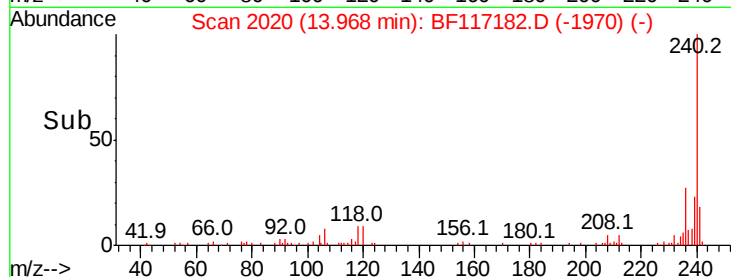
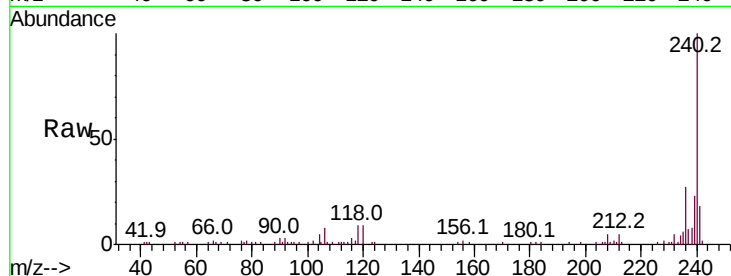




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117182.D
Acq: 19 Sep 2019 18:43

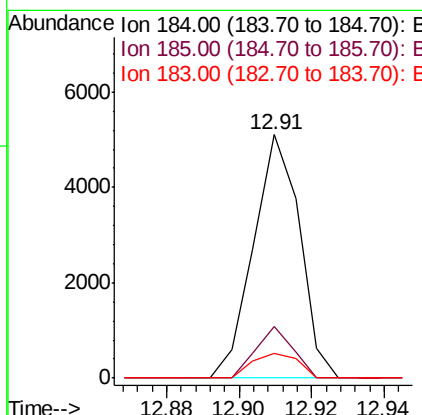
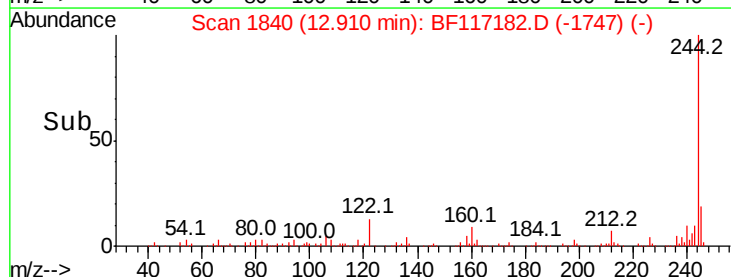
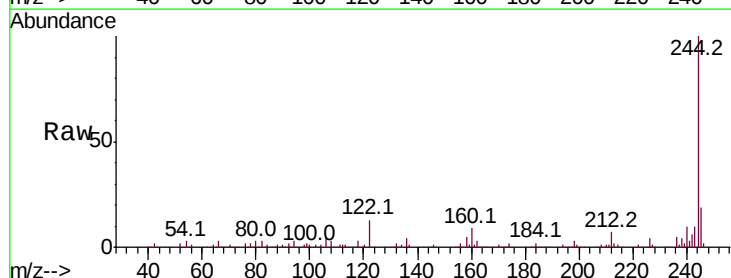
Instrument :
BNA_F
ClientSampleId :

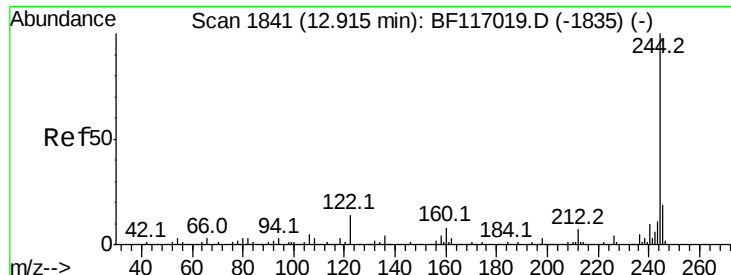
Tot Ion:240 Resp: 54767
Ion Ratio Lower Upper
240 100
120 9.2 8.3 12.5
236 26.8 20.3 30.5



#77
Benzidine
Concen: 2.558 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.25 min
Lab File: BF117182.D
Acq: 19 Sep 2019 18:43

Tgt Ion:184 Resp: 4512
Ion Ratio Lower Upper
184 100
185 21.0 11.6 17.4#
183 10.2 9.0 13.4





#79

Terphenyl-d14

Concen: 99.695 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117182.D

Acq: 19 Sep 2019 18:43

Instrument :

BNA_F

ClientSampleId :

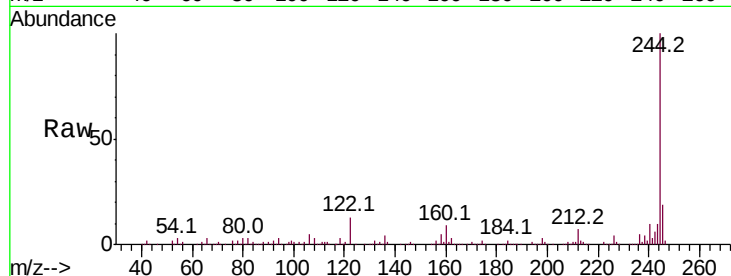
Tot Ion:244 Resp: 292099

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

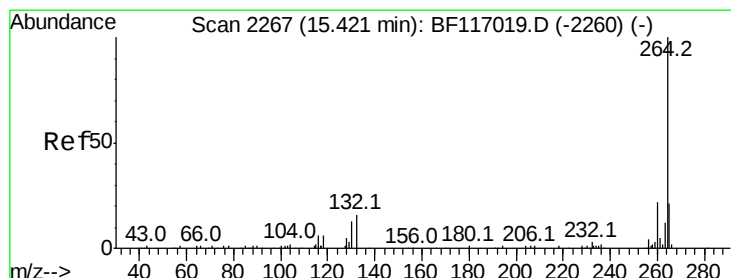
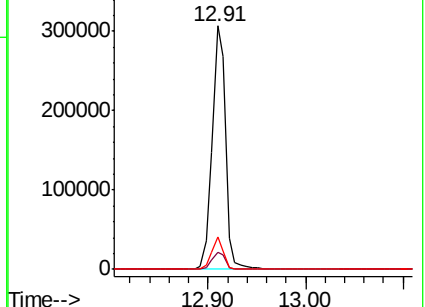
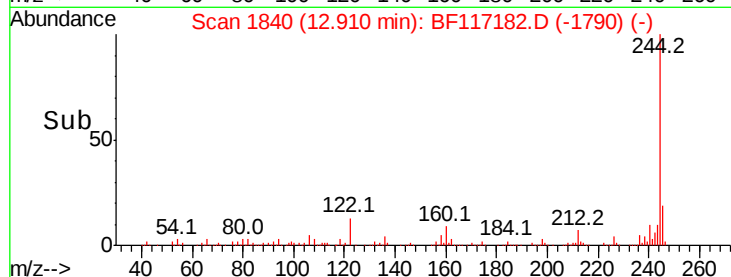
122 13.2 11.3 16.9



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF117182.D

Acq: 19 Sep 2019 18:43

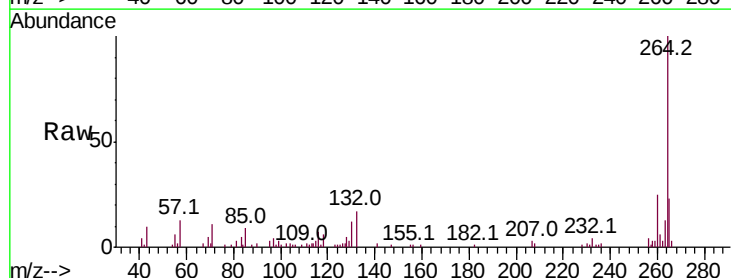
Tgt Ion:264 Resp: 51273

Ion Ratio Lower Upper

264 100

260 25.2 17.6 26.4

265 22.9 16.6 24.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

