

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
 Data File : BF117512.D
 Acq On : 24 Oct 2019 16:13
 Operator : JU
 Sample : K5497-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 167-58-(0-1)

Quant Time: Oct 25 01:47:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

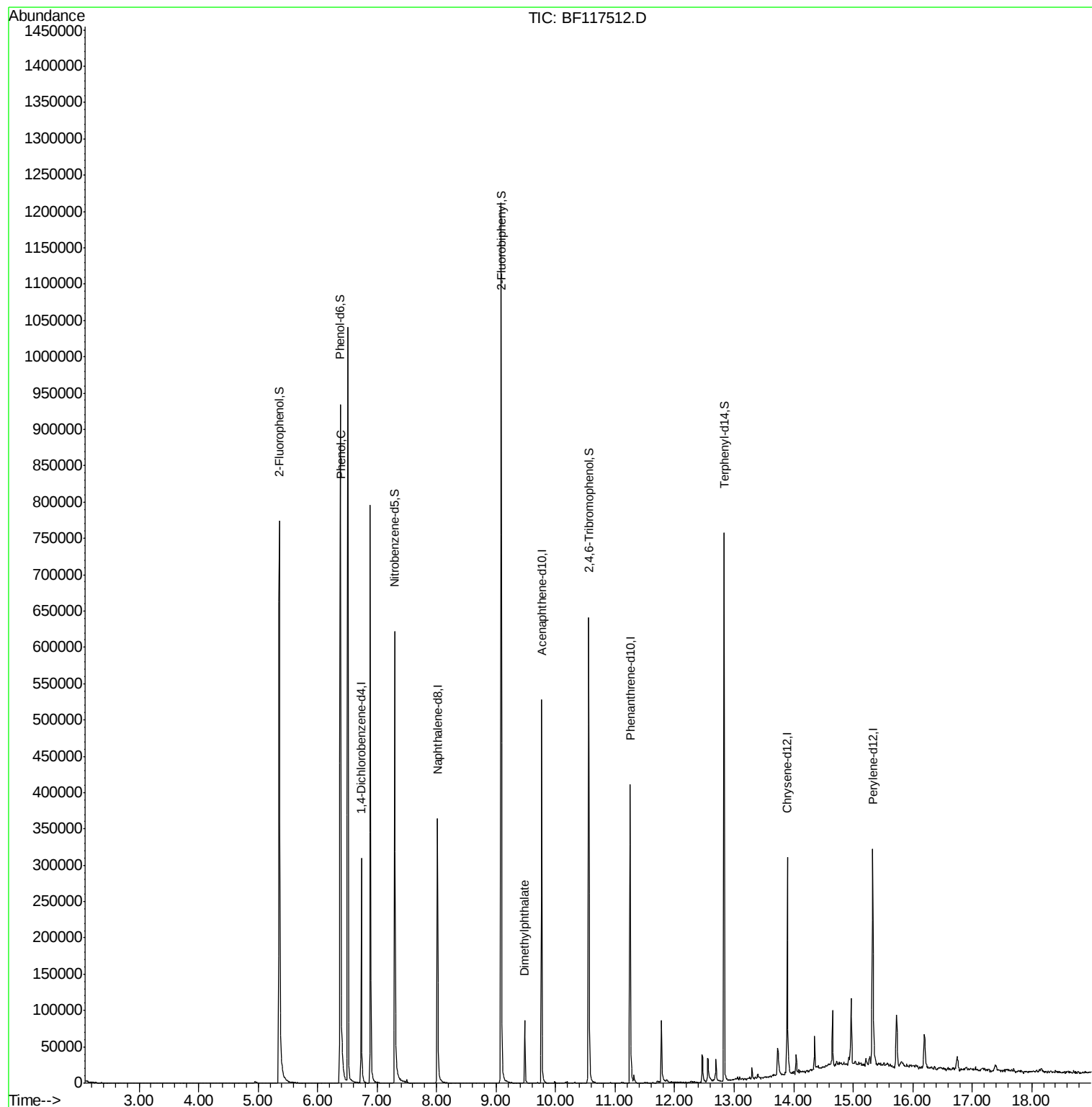
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	48622	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	197150	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	104260	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	159252	20.00	ng	0.00
76) Chrysene-d12	13.89	240	95921	20.00	ng	0.00
87) Perylene-d12	15.33	264	105220	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	276458	84.59	ng	0.00
7) Phenol-d6	6.38	99	375400	85.52	ng	0.00
23) Nitrobenzene-d5	7.30	82	228262	57.16	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	69826	77.40	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	350468	47.36	ng	0.00
79) Terphenyl-d14	12.83	244	266293	45.28	ng	0.00
Target Compounds						
10) Phenol	6.39	94	9018	2.013	ng	86
50) Dimethylphthalate	9.48	163	37133	4.996	ng	99

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

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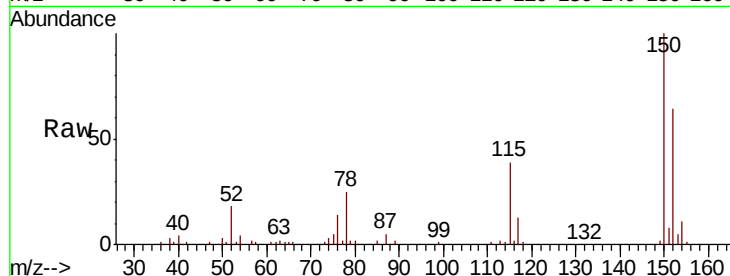


#1

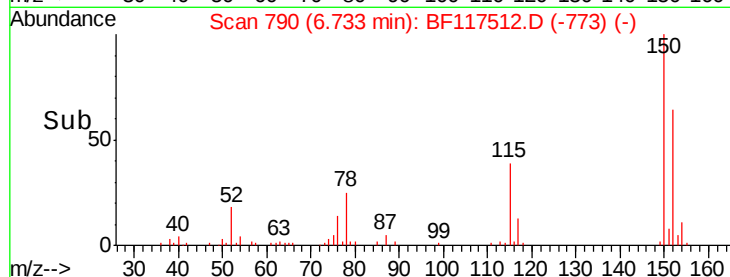
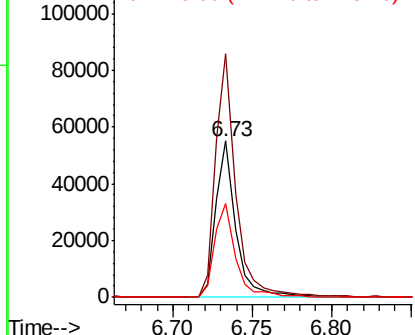
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117512.D
Acq: 24 Oct 2019 16:13

Instrument :
BNA_F
ClientSampleId :
167-58-(0-1)

Tot Ion:152 Resp: 48622
Ion Ratio Lower Upper
152 100
150 156.0 126.8 190.2
115 60.4 51.6 77.4



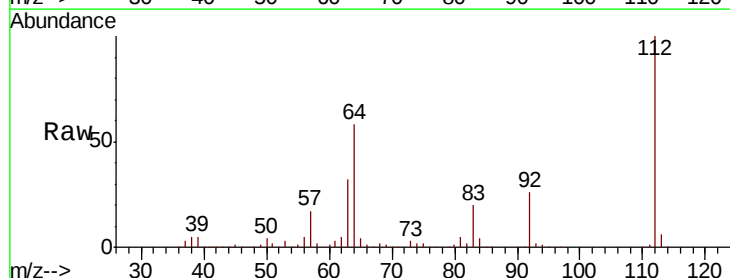
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



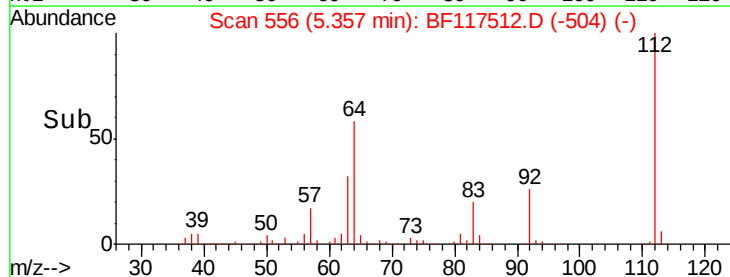
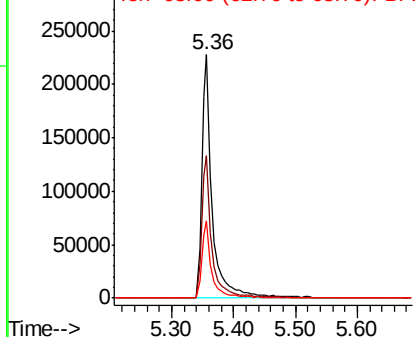
#5

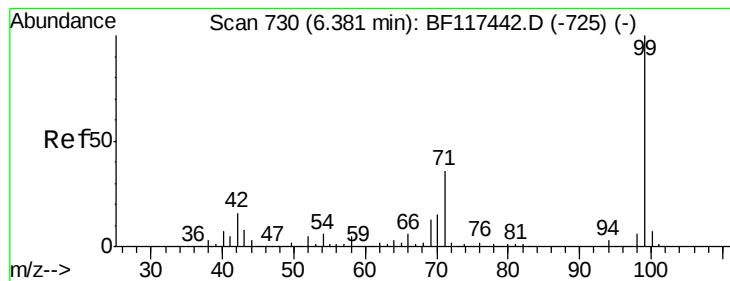
2-Fluorophenol
Concen: 84.589 ng
RT: 5.36 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF117512.D
Acq: 24 Oct 2019 16:13

Tgt Ion:112 Resp: 276458
Ion Ratio Lower Upper
112 100
64 58.3 44.1 66.1
63 31.9 23.4 35.2



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: 85.520 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117512.D

Acq: 24 Oct 2019 16:13

Instrument :

BNA_F

ClientSampleId :

167-58-(0-1)

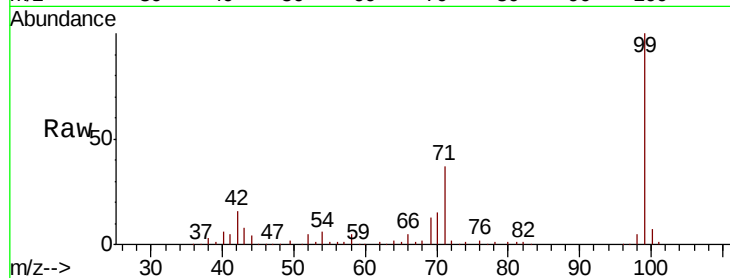
Tot Ion: 99 Resp: 375400

Ion Ratio Lower Upper

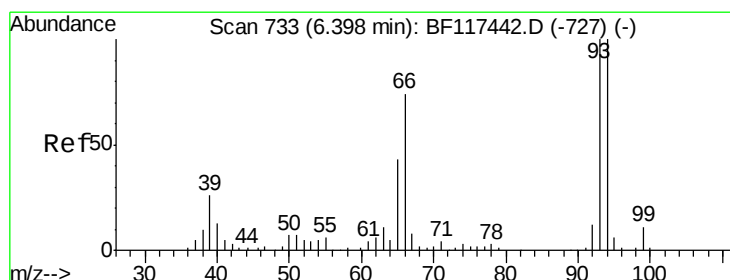
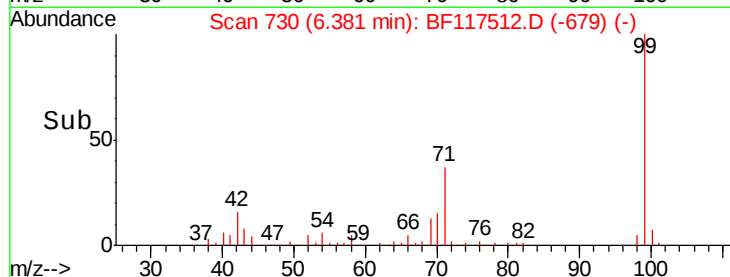
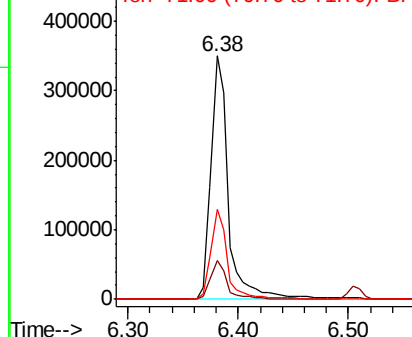
99 100

42 15.7 12.8 19.2

71 36.8 28.6 43.0



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



#10

Phenol

Concen: 2.013 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117512.D

Acq: 24 Oct 2019 16:13

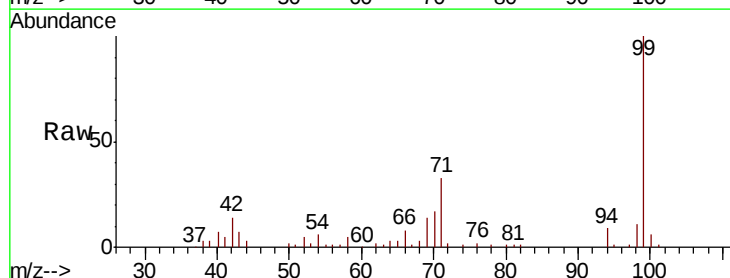
Tgt Ion: 94 Resp: 9018

Ion Ratio Lower Upper

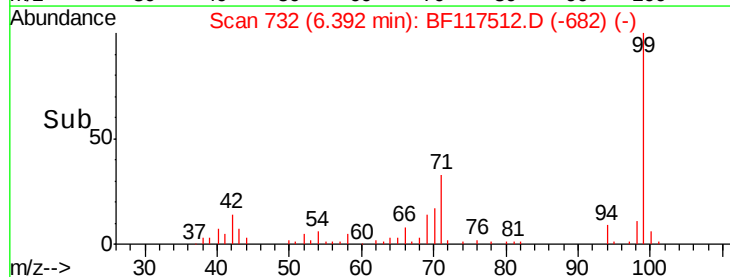
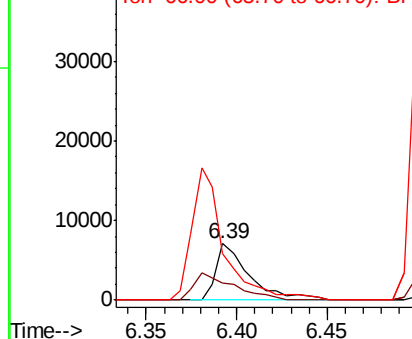
94 100

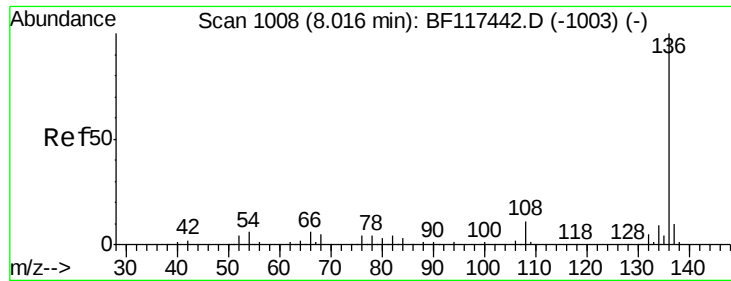
65 31.0 23.4 63.4

66 83.5 54.7 94.7



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

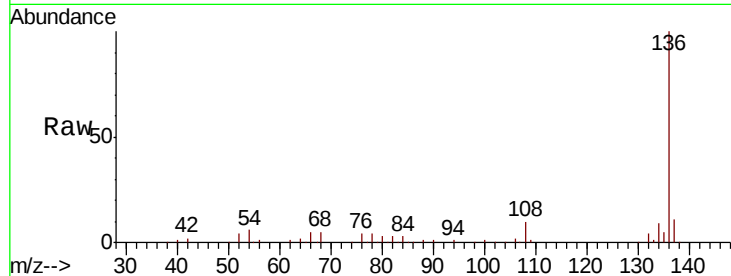




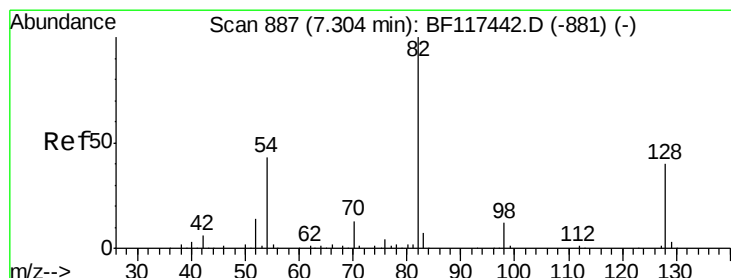
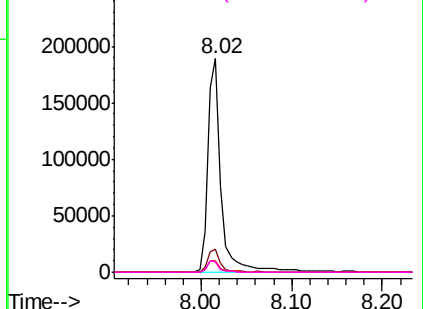
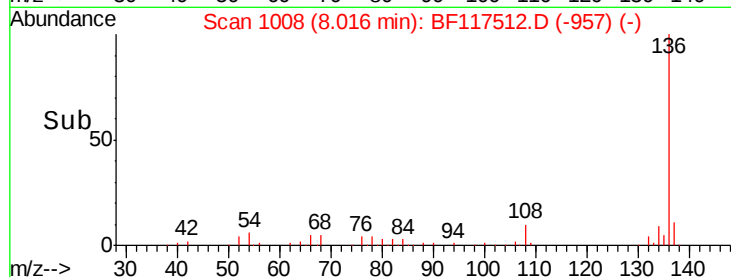
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF117512.D
Acq: 24 Oct 2019 16:13

Instrument :
BNA_F
ClientSampleId :
167-58-(0-1)

Tot Ion:136	Resp:	197150
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.2 12.4
54	5.6	4.5 6.7
68	4.6	4.3 6.5

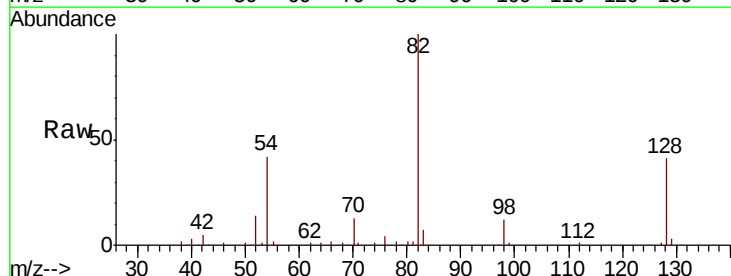


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

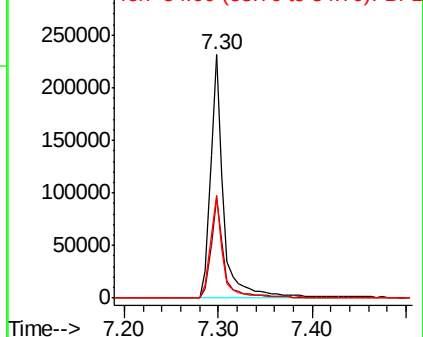
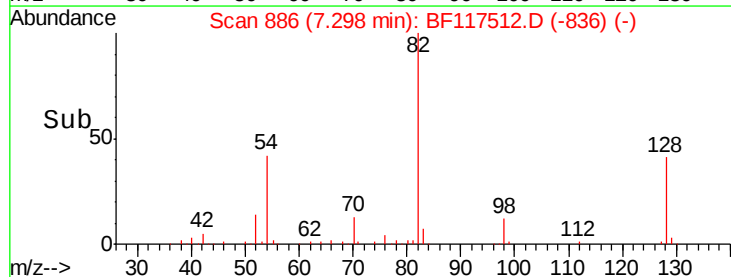


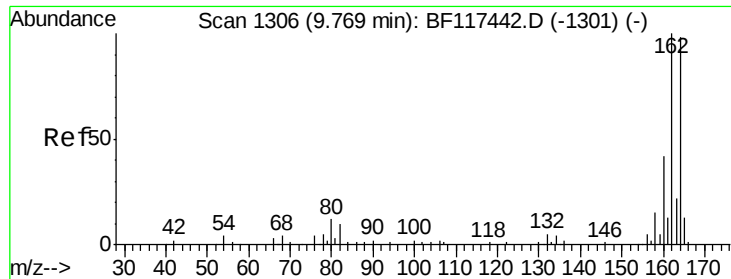
#23
Nitrobenzene-d5
Concen: 57.159 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117512.D
Acq: 24 Oct 2019 16:13

Tgt Ion: 82	Resp:	228262
Ion	Ratio	Lower Upper
82	100	
128	40.9	32.2 48.2
54	42.1	34.2 51.2



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

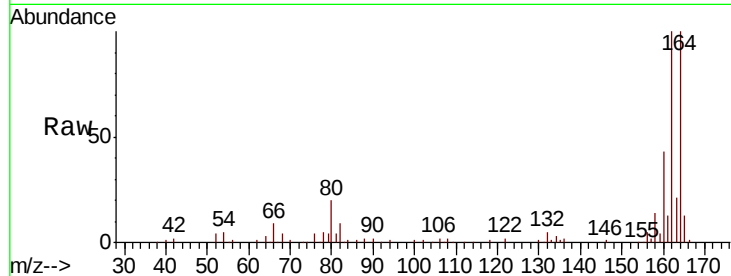




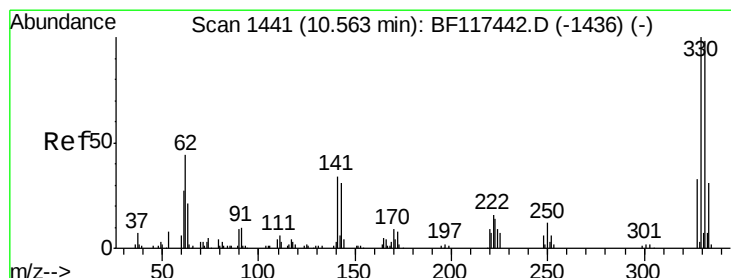
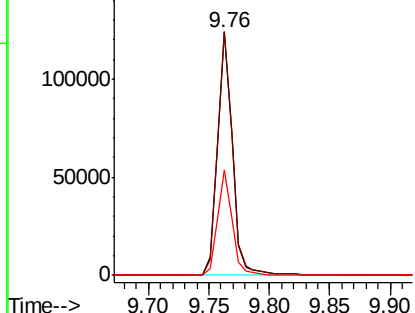
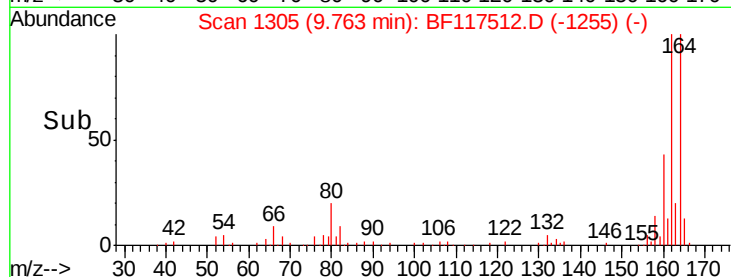
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117512.D
Acq: 24 Oct 2019 16:13

Instrument :
BNA_F
ClientSampleId :
167-58-(0-1)

Tot Ion:164 Resp: 104260
Ion Ratio Lower Upper
164 100
162 100.0 81.8 122.6
160 43.4 34.4 51.6

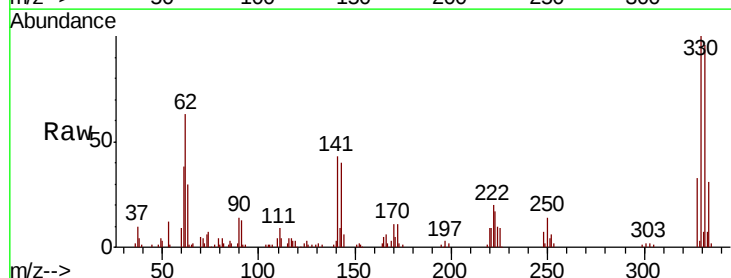


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

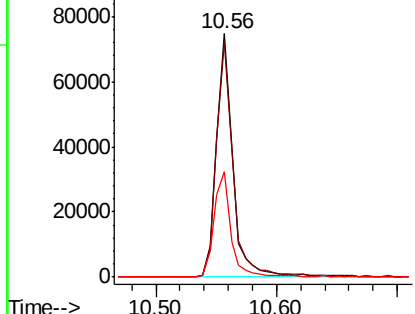
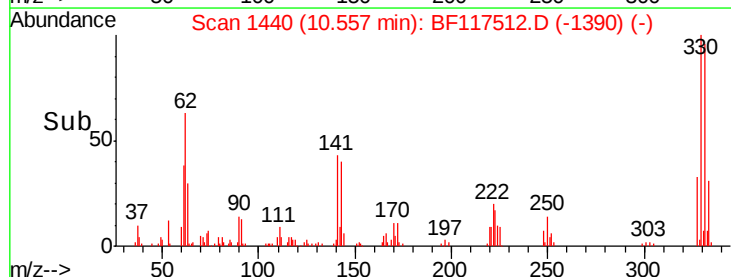


#42
2,4,6-Tribromophenol
Concen: 77.402 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117512.D
Acq: 24 Oct 2019 16:13

Tgt Ion:330 Resp: 69826
Ion Ratio Lower Upper
330 100
332 97.7 78.5 117.7
141 44.3 37.0 55.6



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

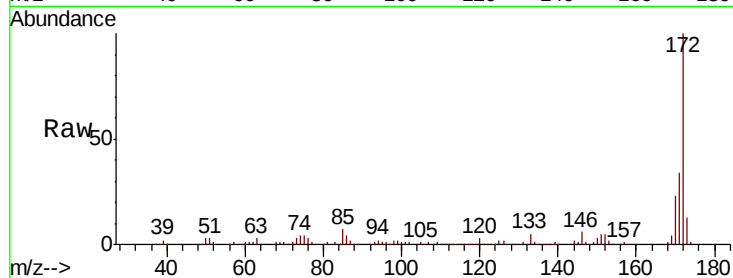




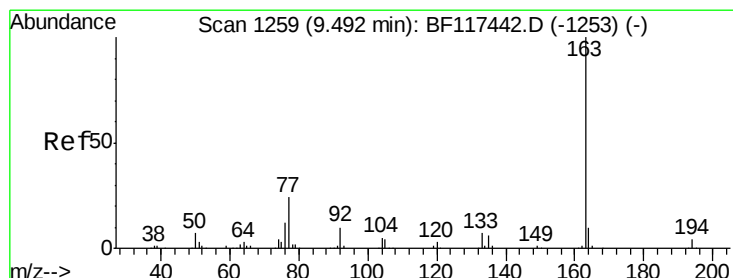
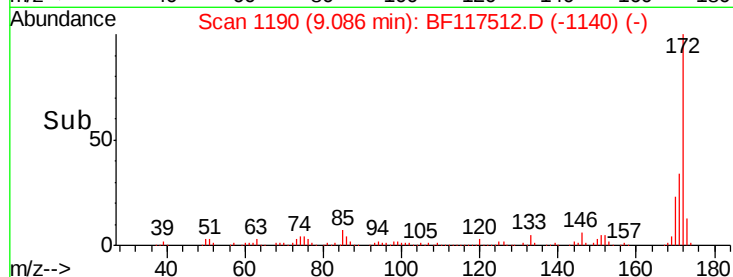
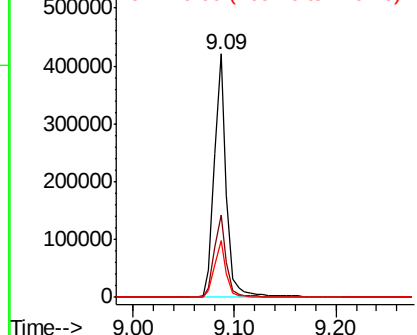
#45
 2-Fluorobiphenyl
 Concen: 47.363 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117512.D
 Acq: 24 Oct 2019 16:13

Instrument :
 BNA_F
 ClientSampled :
 167-58-(0-1)

Tot Ion:172 Resp: 350468
 Ion Ratio Lower Upper
 172 100
 171 33.9 27.5 41.3
 170 23.4 18.6 27.8

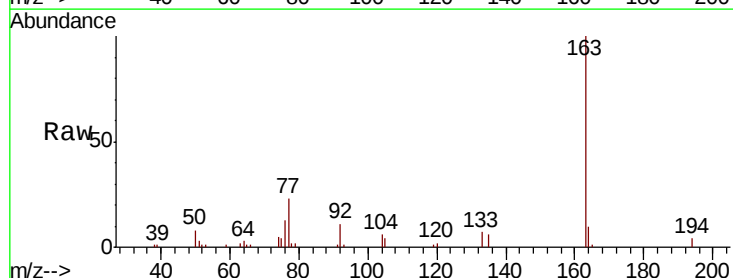


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

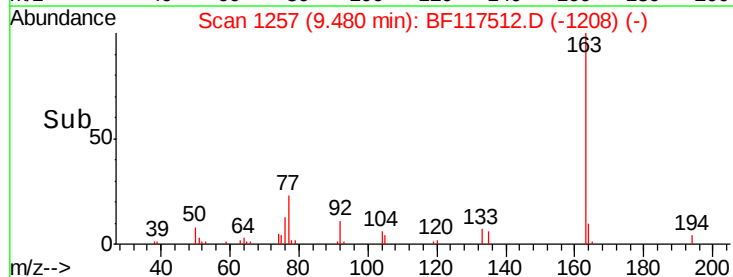
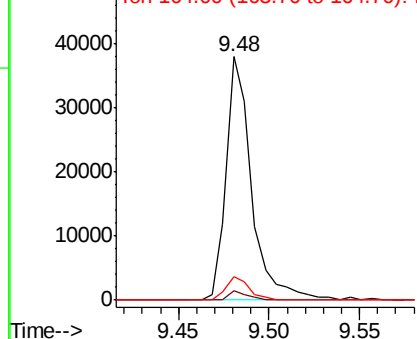


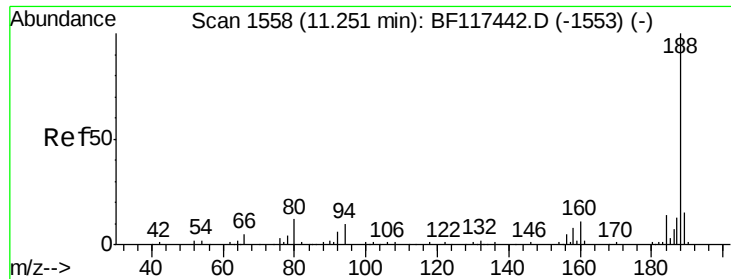
#50
 Dimethylphthalate
 Concen: 4.996 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF117512.D
 Acq: 24 Oct 2019 16:13

Tgt Ion:163 Resp: 37133
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.9 4.3
 164 9.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

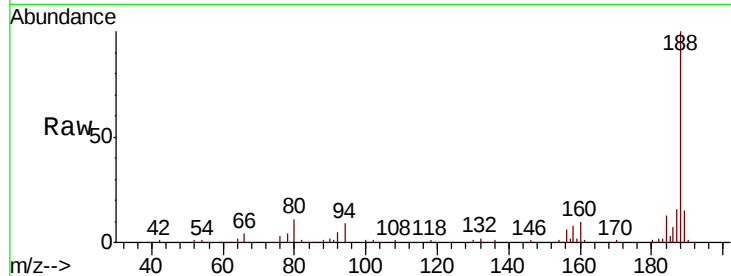




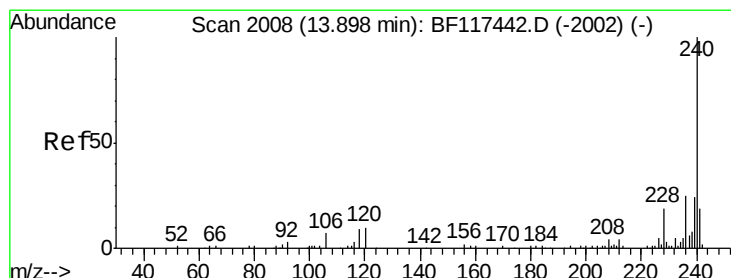
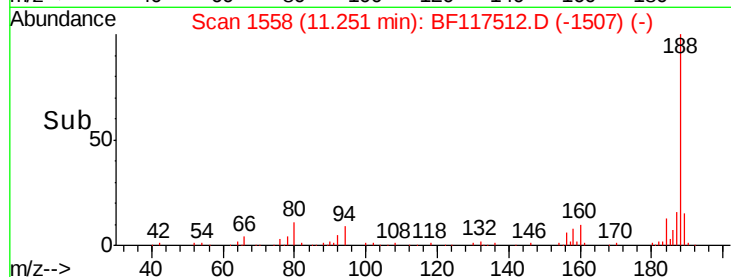
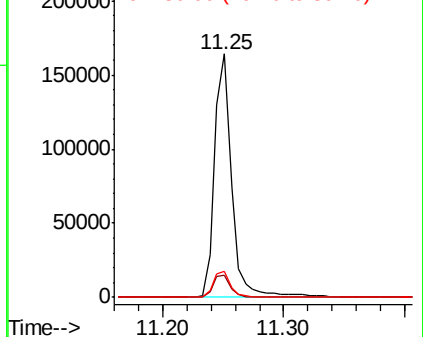
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117512.D
Acq: 24 Oct 2019 16:13

Instrument :
BNA_F
ClientSampleId :
167-58-(0-1)

Tot Ion:188 Resp: 159252
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 10.5 9.5 14.3

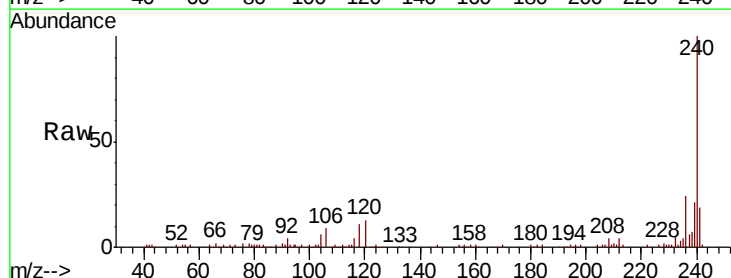


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

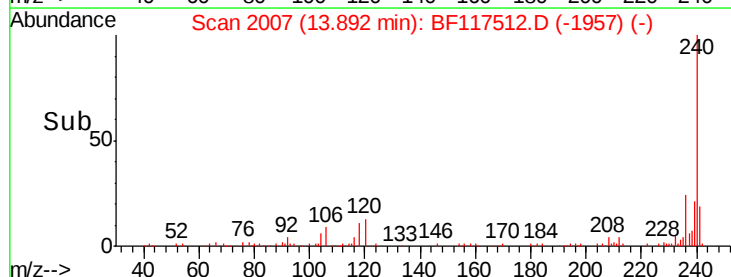
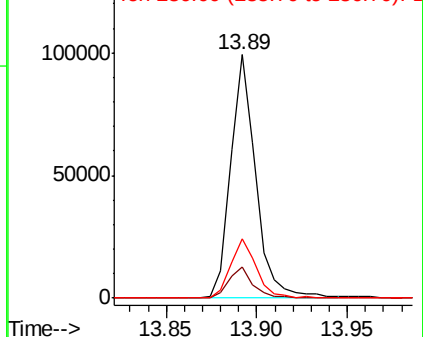


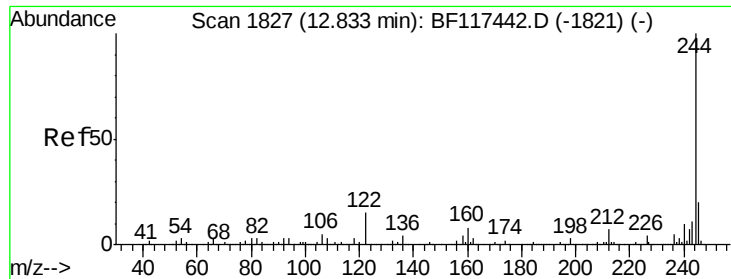
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117512.D
Acq: 24 Oct 2019 16:13

Tgt Ion:240 Resp: 95921
Ion Ratio Lower Upper
240 100
120 12.5 8.4 12.6
236 24.4 20.0 30.0



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: 45.283 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF117512.D

Acq: 24 Oct 2019 16:13

Instrument :

BNA_F

ClientSampleId :

167-58-(0-1)

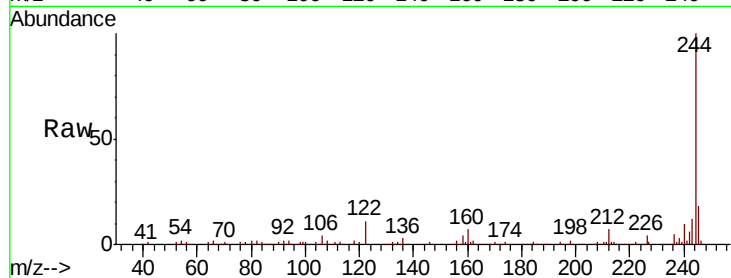
Tot Ion:244 Resp: 266293

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

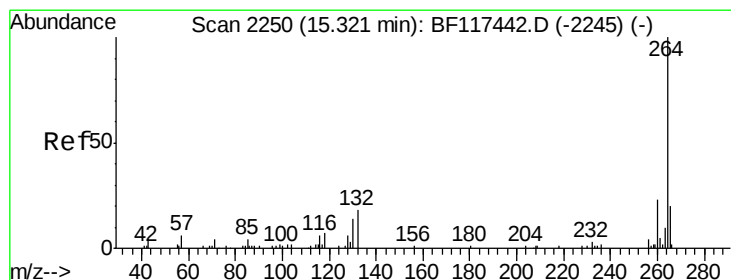
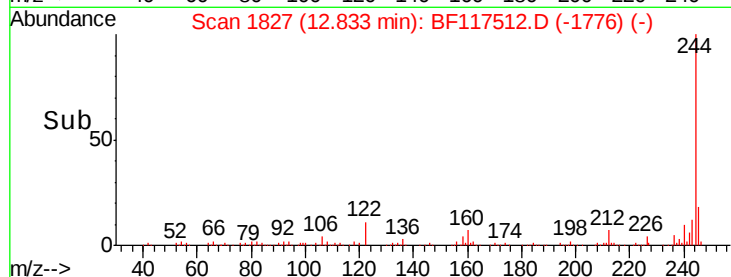
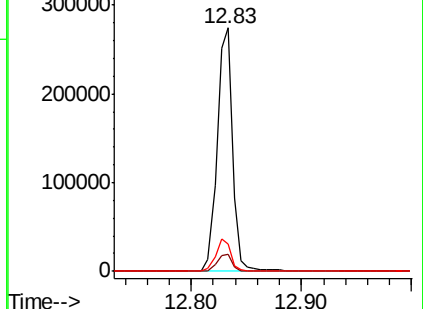
122 11.3 11.8 17.8#



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: 15.33 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BF117512.D

Acq: 24 Oct 2019 16:13

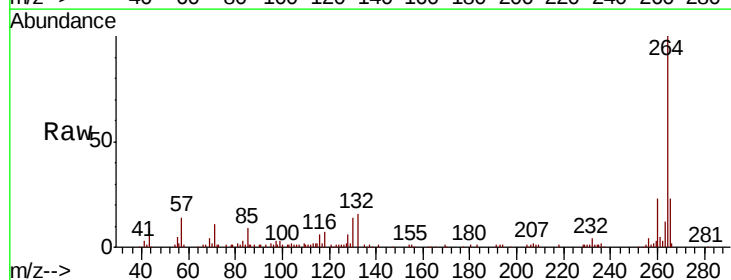
Tgt Ion:264 Resp: 105220

Ion Ratio Lower Upper

264 100

260 22.5 18.4 27.6

265 22.5 16.1 24.1



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

