

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117560.D
 Acq On : 28 Oct 2019 14:43
 Operator : JU
 Sample : K5543-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-1

Quant Time: Oct 29 15:02:29 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

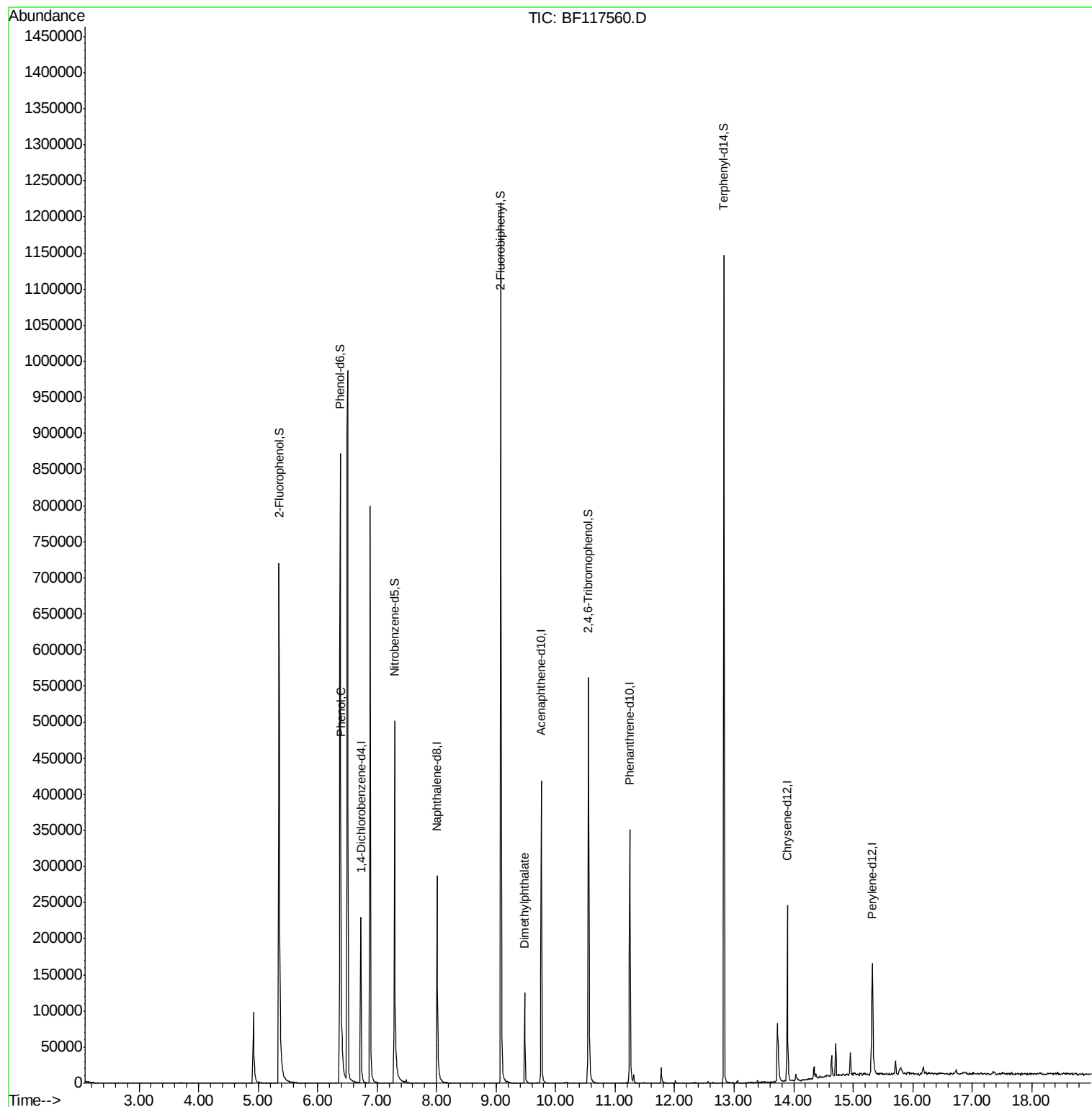
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	41461	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	169931	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	89014	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	142707	20.00	ng	0.00
76) Chrysene-d12	13.89	240	89499	20.00	ng	0.00
87) Perylene-d12	15.33	264	80270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	260596	93.51	ng	0.00
7) Phenol-d6	6.38	99	354675	94.75	ng	0.00
23) Nitrobenzene-d5	7.29	82	214962	62.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	67289	87.37	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	386201	61.13	ng	-0.01
79) Terphenyl-d14	12.83	244	375683	68.47	ng	0.00
Target Compounds						
10) Phenol	6.39	94	10031	2.626	ng	88
50) Dimethylphthalate	9.48	163	59675	9.404	ng	100

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

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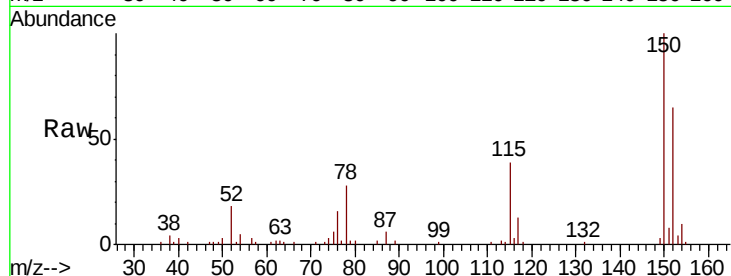


#1

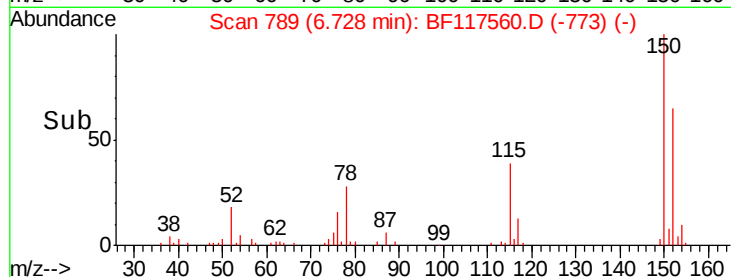
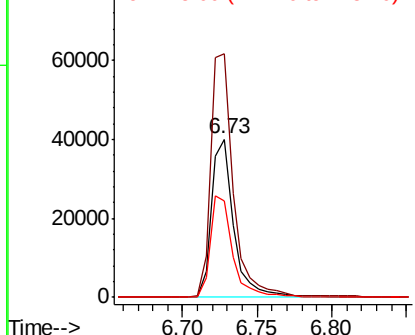
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117560.D
Acq: 28 Oct 2019 14:43

Instrument :
BNA_F
ClientSampleId :
R-1

Tot Ion:152 Resp: 41461
Ion Ratio Lower Upper
152 100
150 154.0 126.8 190.2
115 60.7 51.6 77.4



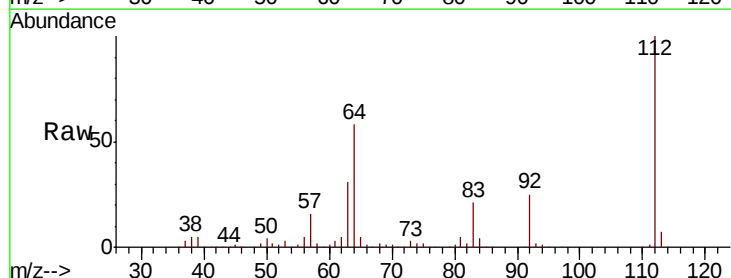
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



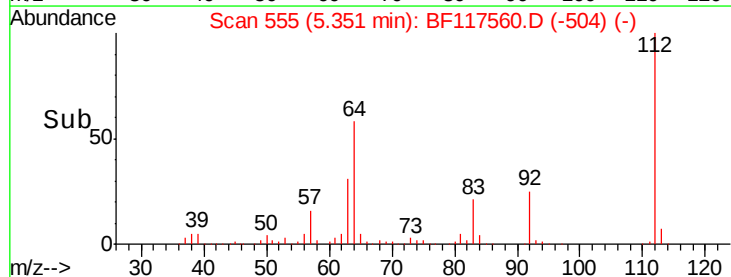
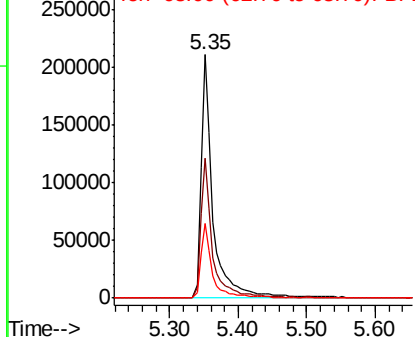
#5

2-Fluorophenol
Concen: 93.507 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117560.D
Acq: 28 Oct 2019 14:43

Tgt Ion:112 Resp: 260596
Ion Ratio Lower Upper
112 100
64 57.6 44.1 66.1
63 30.6 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: 94.753 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117560.D

Acq: 28 Oct 2019 14:43

Instrument :

BNA_F

ClientSampleId :

R-1

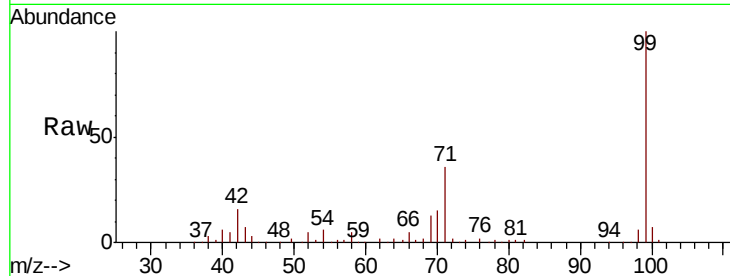
Tot Ion: 99 Resp: 354675

Ion Ratio Lower Upper

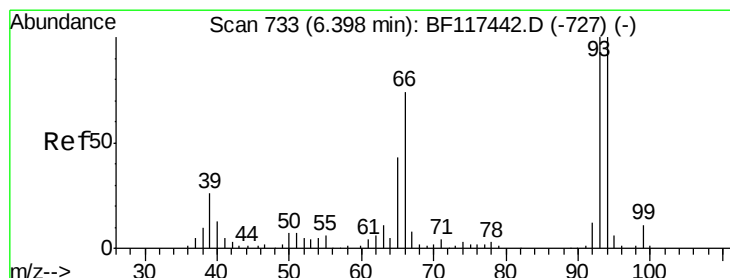
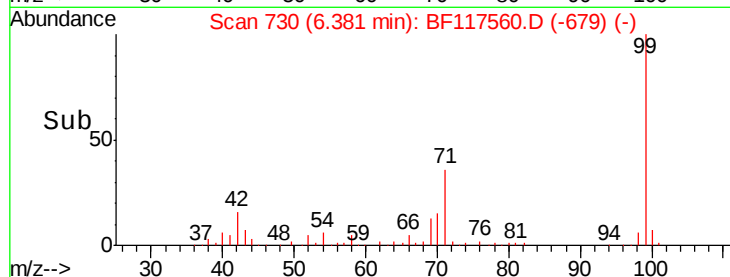
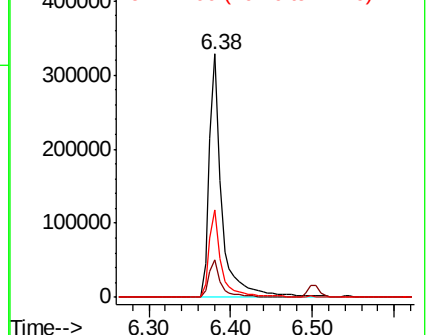
99 100

42 15.6 12.8 19.2

71 35.9 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: 2.626 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117560.D

Acq: 28 Oct 2019 14:43

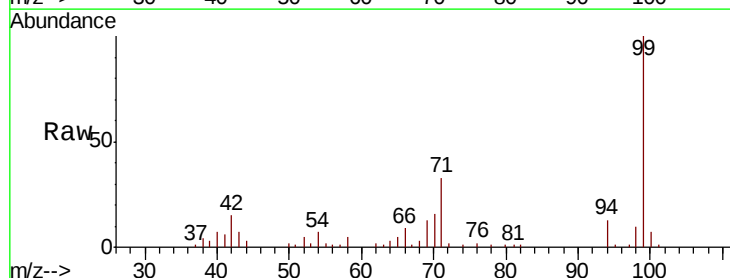
Tgt Ion: 94 Resp: 10031

Ion Ratio Lower Upper

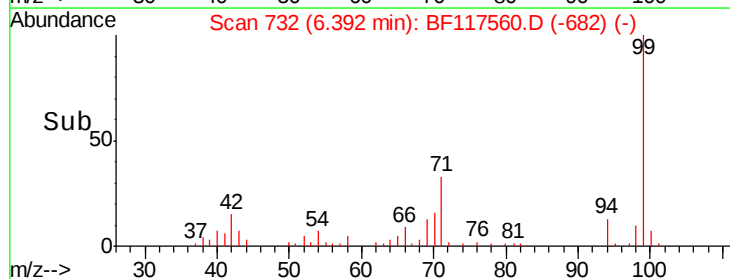
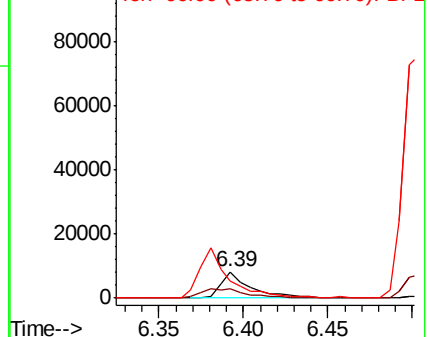
94 100

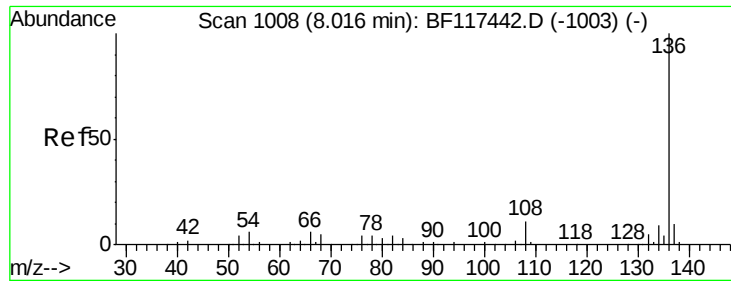
65 34.1 23.4 63.4

66 65.4 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

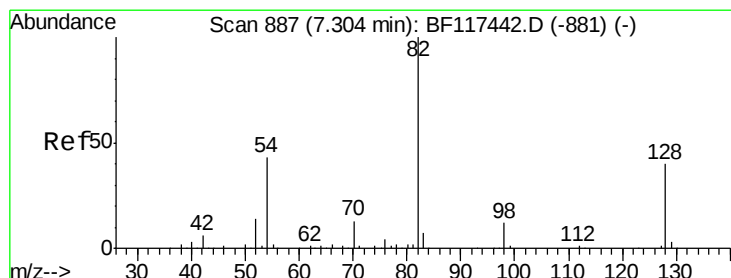
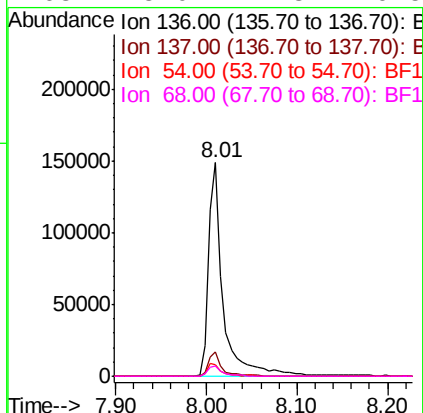
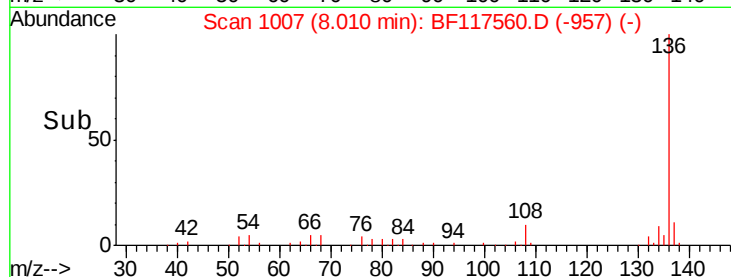
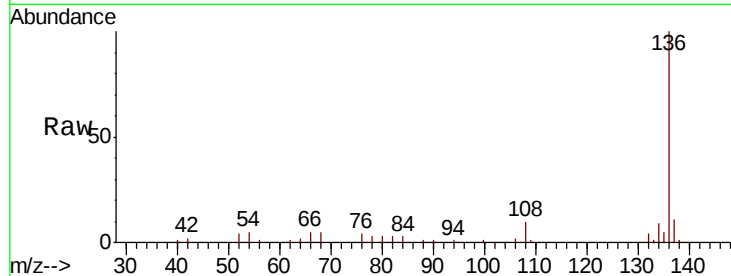




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117560.D
Acq: 28 Oct 2019 14:43

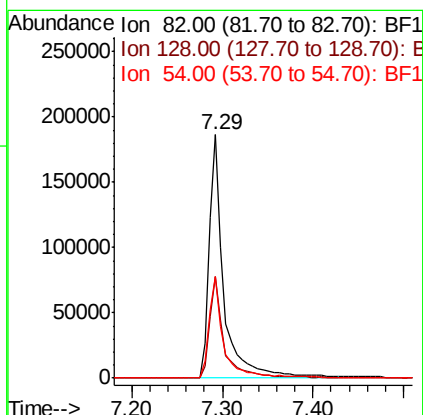
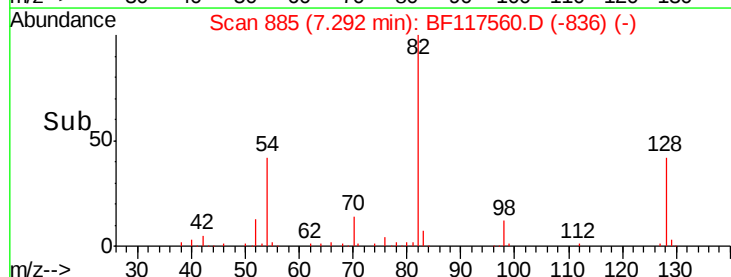
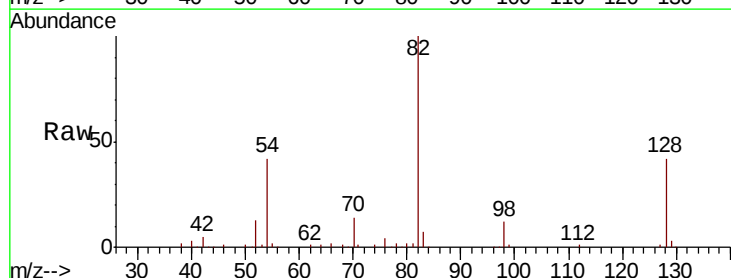
Instrument :
BNA_F
ClientSampleId :
R-1

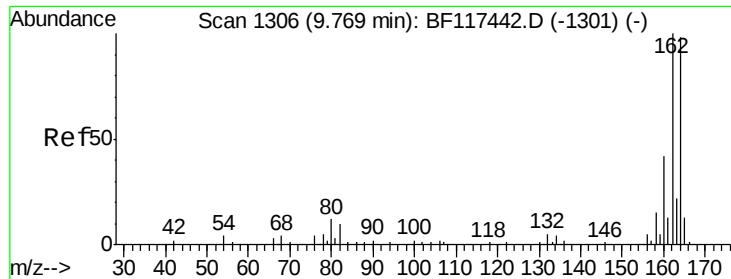
Tot Ion:136	Resp:	169931
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.2 12.4
54	5.4	4.5 6.7
68	5.0	4.3 6.5



#23
Nitrobenzene-d5
Concen: 62.450 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117560.D
Acq: 28 Oct 2019 14:43

Tgt Ion: 82	Resp:	214962
Ion	Ratio	Lower Upper
82	100	
128	41.8	32.2 48.2
54	41.5	34.2 51.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF117560.D

Acq: 28 Oct 2019 14:43

Instrument :

BNA_F

ClientSampled :

R-1

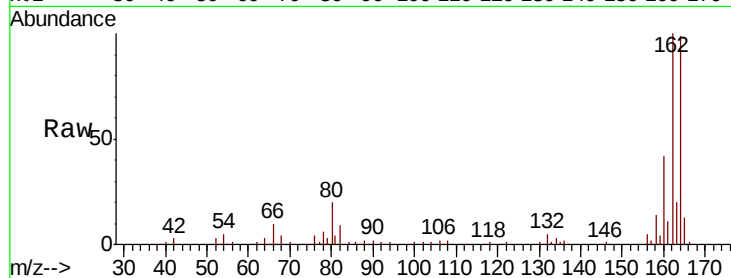
Tot Ion:164 Resp: 89014

Ion Ratio Lower Upper

164 100

162 100.7 81.8 122.6

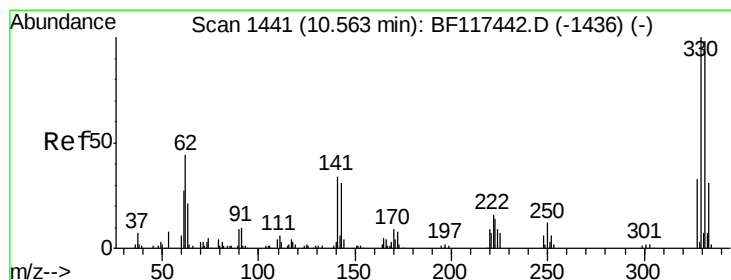
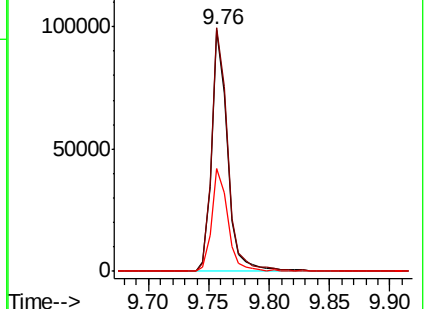
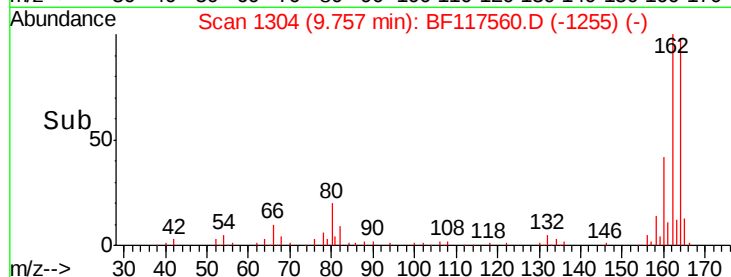
160 42.3 34.4 51.6



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: 87.366 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117560.D

Acq: 28 Oct 2019 14:43

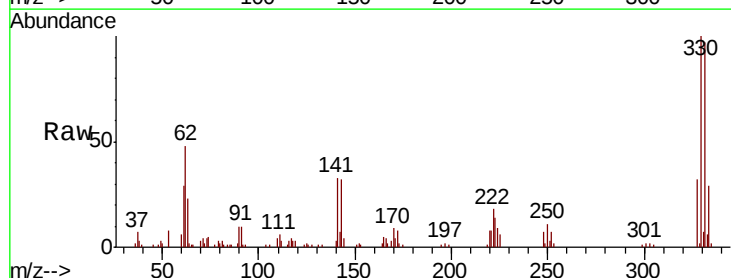
Tgt Ion:330 Resp: 67289

Ion Ratio Lower Upper

330 100

332 96.7 78.5 117.7

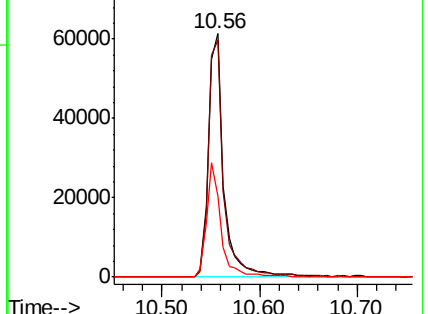
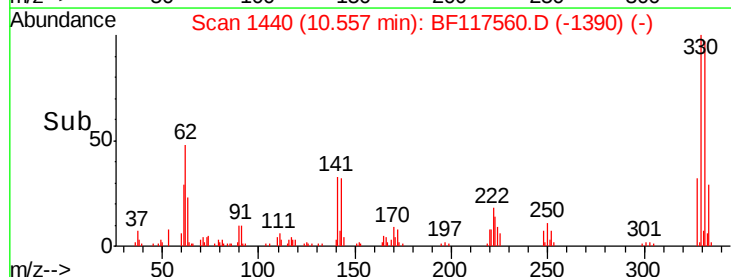
141 43.6 37.0 55.6

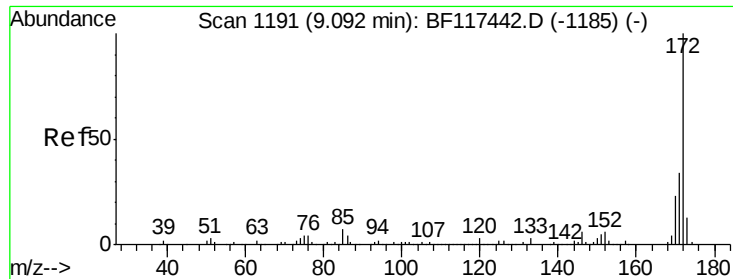


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

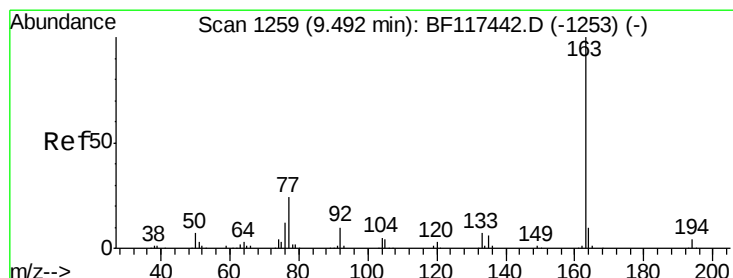
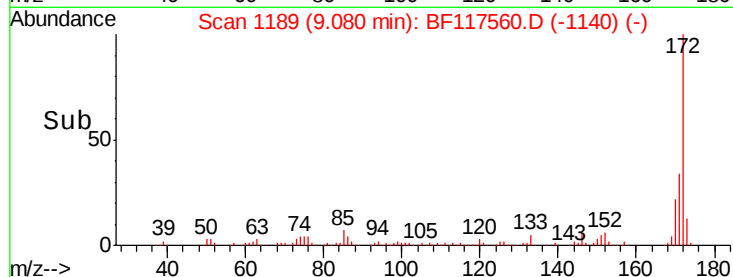
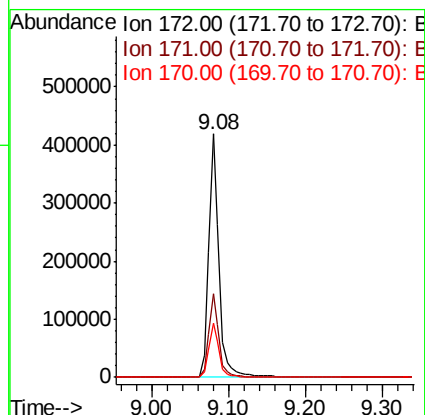
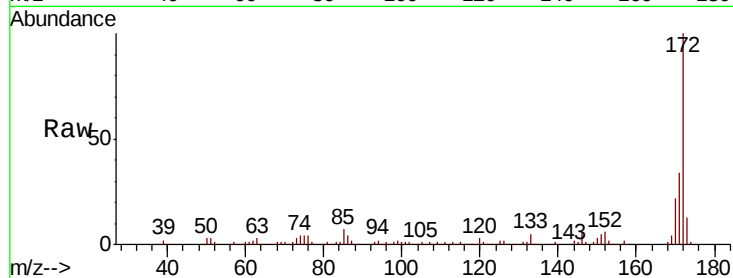




#45
2-Fluorobiphenyl
Concen: 61.131 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117560.D
Acq: 28 Oct 2019 14:43

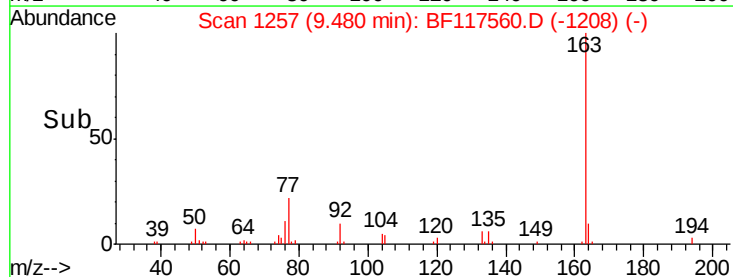
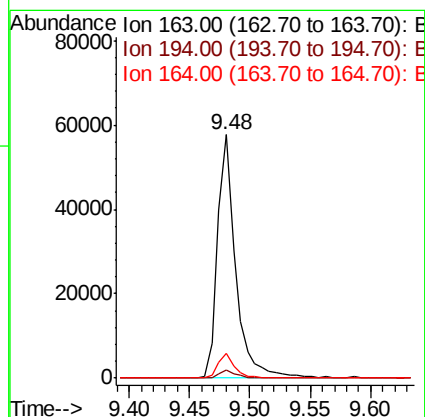
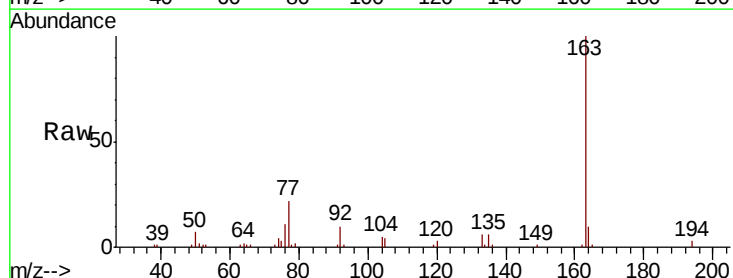
Instrument :
BNA_F
ClientSampleId :
R-1

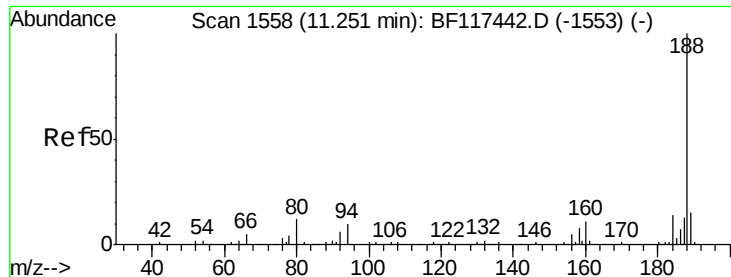
Tot Ion:172 Resp: 386201
Ion Ratio Lower Upper
172 100
171 34.4 27.5 41.3
170 22.3 18.6 27.8



#50
Dimethylphthalate
Concen: 9.404 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117560.D
Acq: 28 Oct 2019 14:43

Tgt Ion:163 Resp: 59675
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.2 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF117560.D

Acq: 28 Oct 2019 14:43

Instrument :

BNA_F

ClientSampleId :

R-1

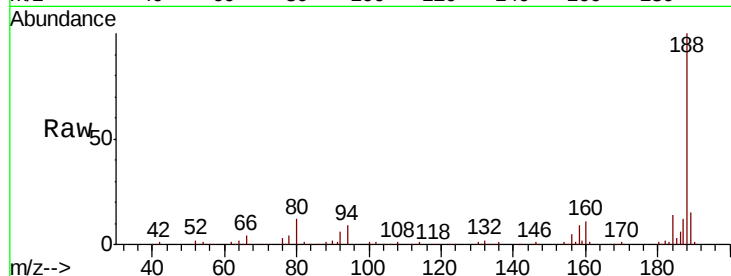
Tot Ion:188 Resp: 142707

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

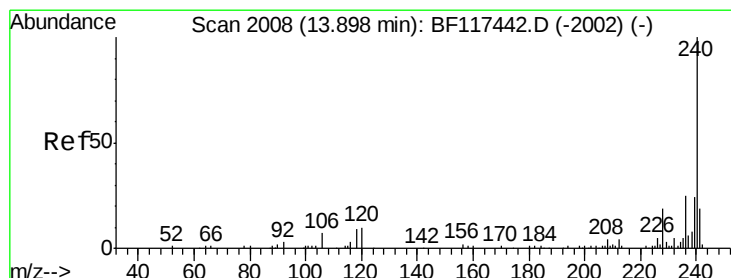
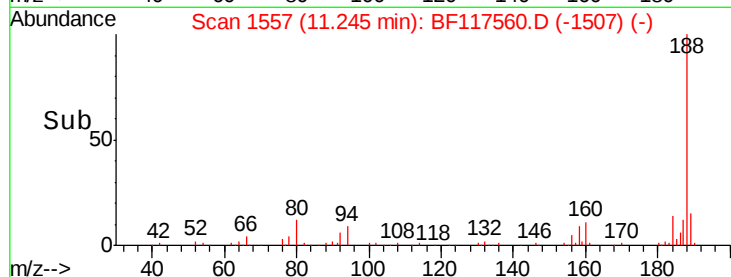
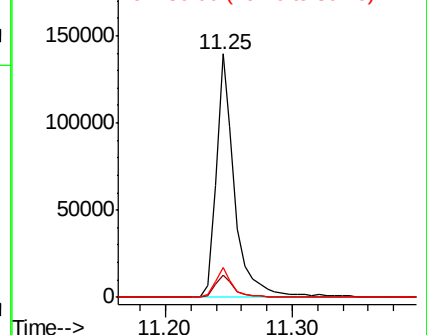
80 12.2 9.5 14.3



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: BF117560.D

Acq: 28 Oct 2019 14:43

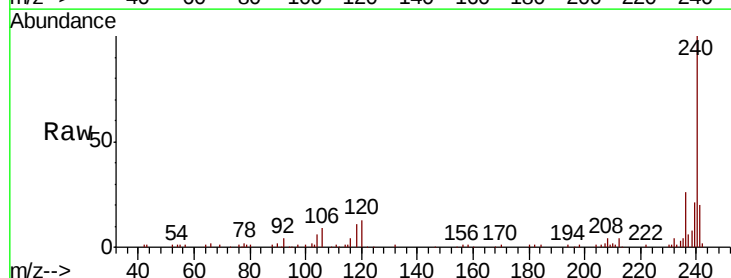
Tgt Ion:240 Resp: 89499

Ion Ratio Lower Upper

240 100

120 12.5 8.4 12.6

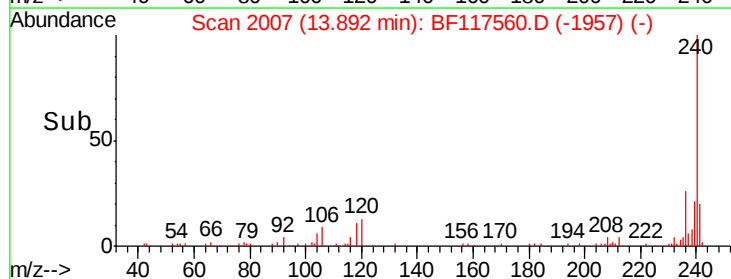
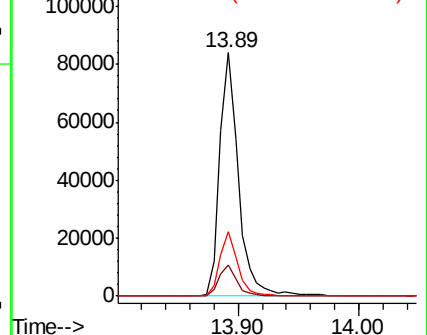
236 26.3 20.0 30.0

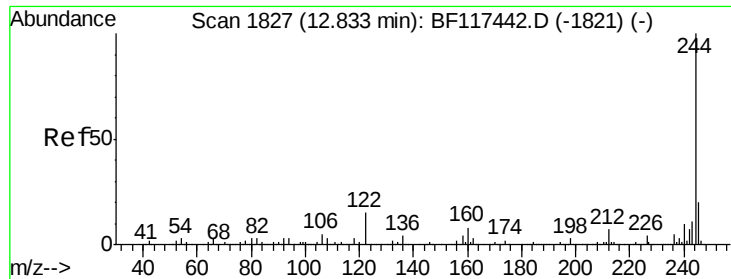


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

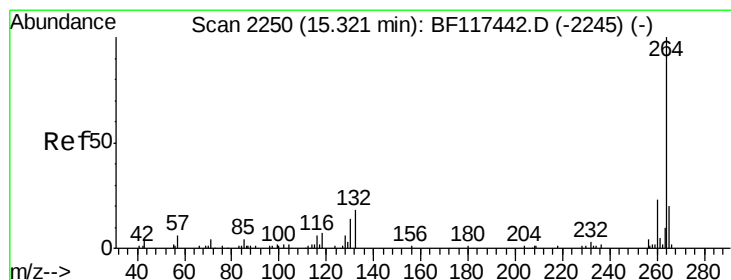
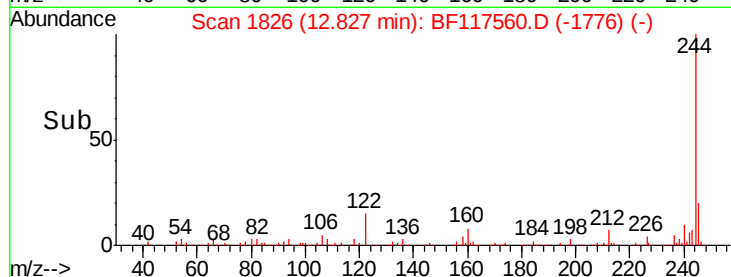
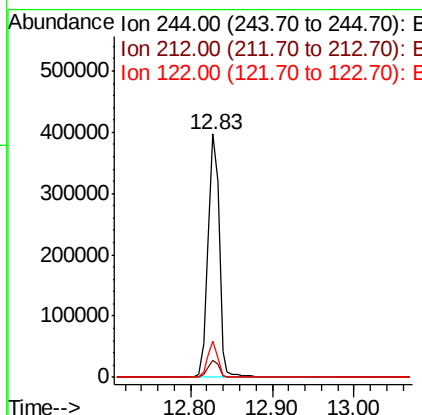
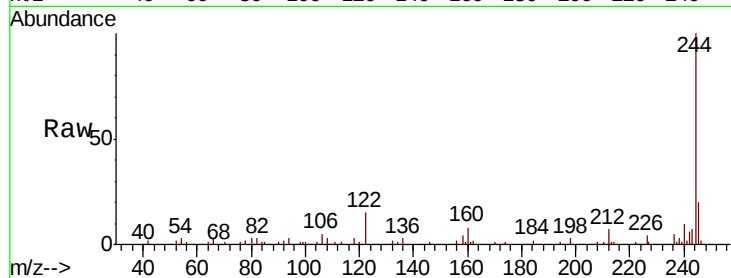




#79
 Terphenyl-d14
 Concen: 68.468 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117560.D
 Acq: 28 Oct 2019 14:43

Instrument :
 BNA_F
 ClientSampled :
 R-1

Tot Ion:244 Resp: 375683
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 14.8 11.8 17.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF117560.D
 Acq: 28 Oct 2019 14:43

Tgt Ion:264 Resp: 80270
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 22.3 16.1 24.1

