

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
 Data File : BF117548.D
 Acq On : 25 Oct 2019 20:40
 Operator : JU
 Sample : K5498-05RE 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 190-78-(0-1)RE

Quant Time: Oct 26 03:17:02 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

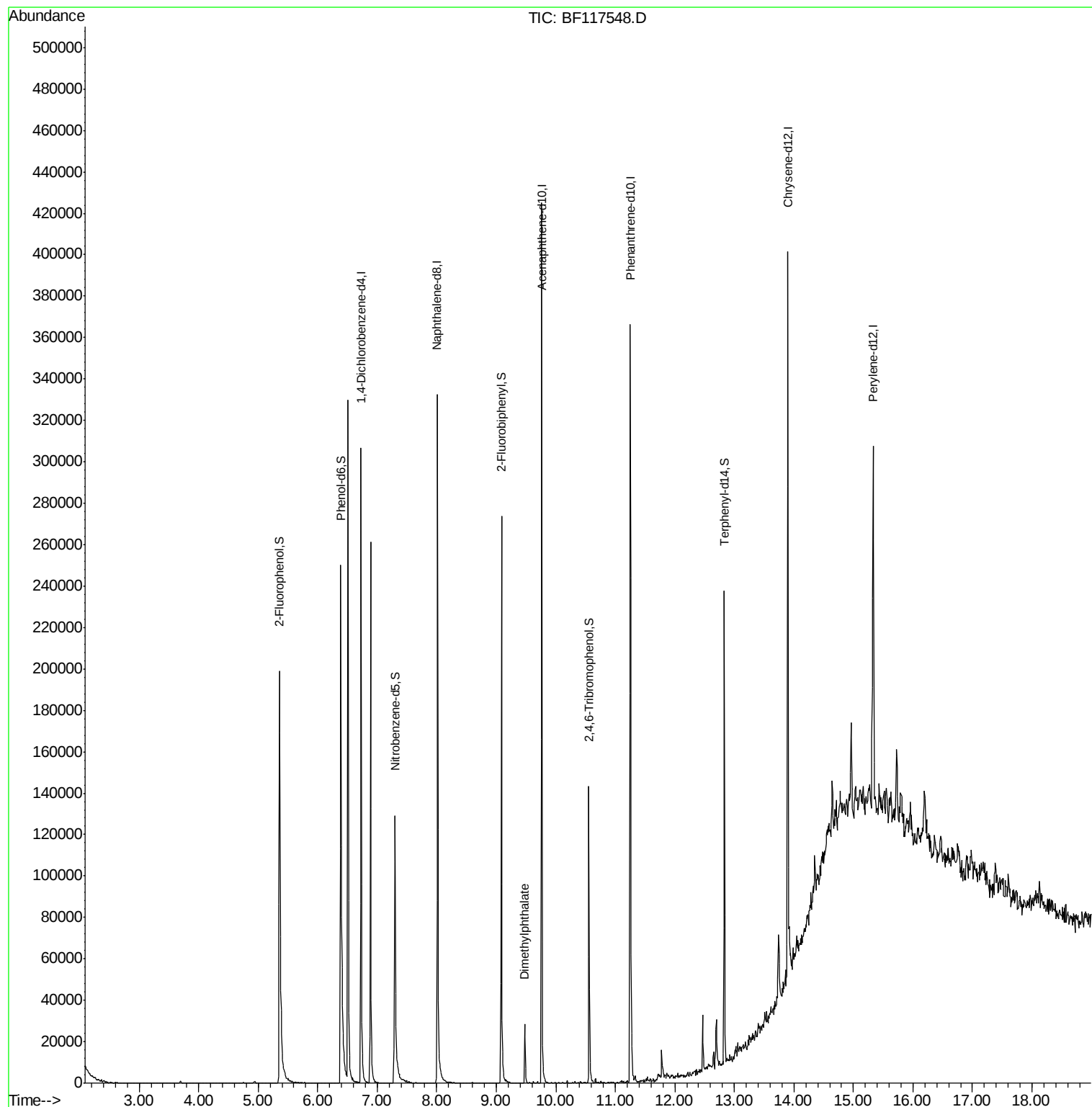
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	52119	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	192246	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	87230	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	135140	20.00	ng	0.00
76) Chrysene-d12	13.90	240	102757	20.00	ng	0.00
87) Perylene-d12	15.33	264	74232	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	92739	26.47	ng	0.00
7) Phenol-d6	6.39	99	128351	27.28	ng	0.00
23) Nitrobenzene-d5	7.30	82	70782	18.18	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	17414	23.07	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	96364	15.57	ng	0.00
79) Terphenyl-d14	12.83	244	74907	11.89	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	13035	2.096	ng	Qvalue # 98

(#) = 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: BF117548.D

Acq: 25 Oct 2019 20:40

Instrument :

BNA_F

ClientSampleId :

190-78-(0-1)RE

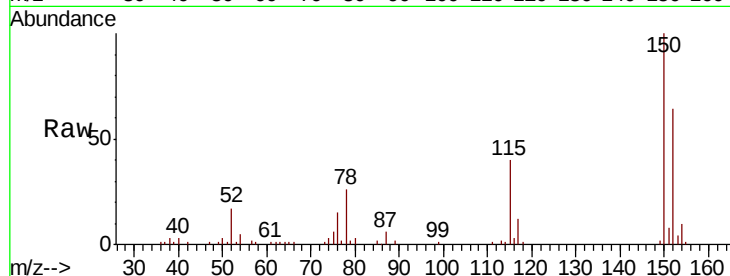
Tot Ion:152 Resp: 52119

Ion Ratio Lower Upper

152 100

150 155.1 126.8 190.2

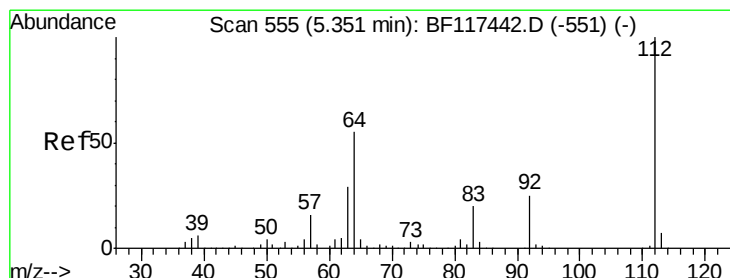
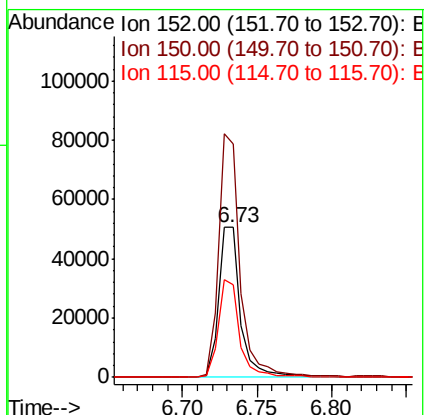
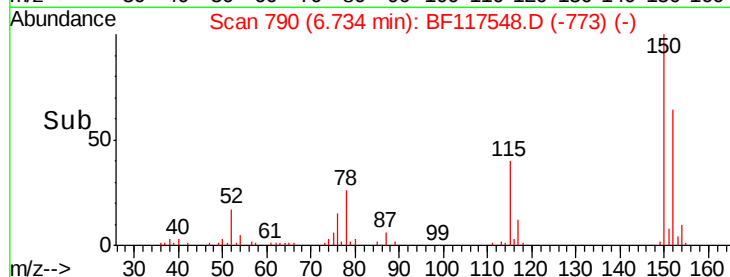
115 61.8 51.6 77.4



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: 26.472 ng

RT: 5.36 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF117548.D

Acq: 25 Oct 2019 20:40

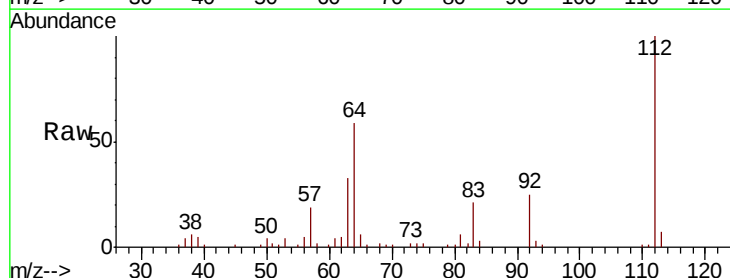
Tgt Ion:112 Resp: 92739

Ion Ratio Lower Upper

112 100

64 58.5 44.1 66.1

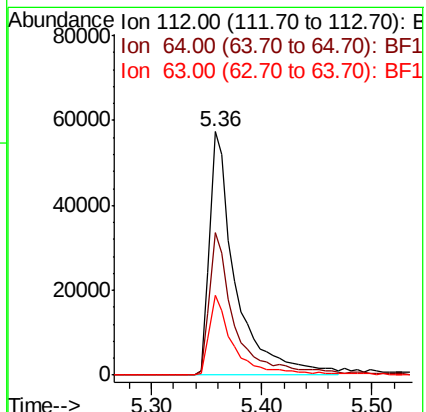
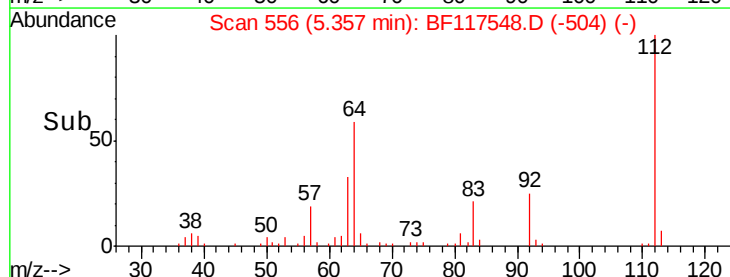
63 33.0 23.4 35.2



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: 27.278 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117548.D

Acq: 25 Oct 2019 20:40

Instrument :

BNA_F

ClientSampleId :

190-78-(0-1)RE

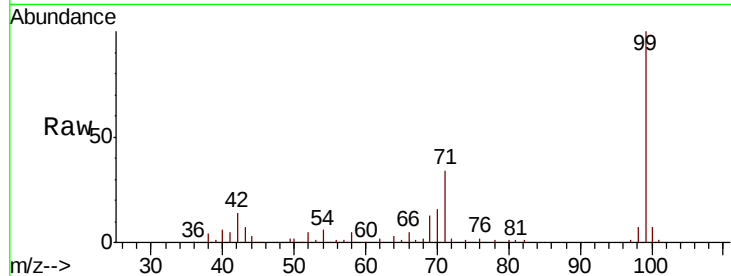
Tot Ion: 99 Resp: 128351

Ion Ratio Lower Upper

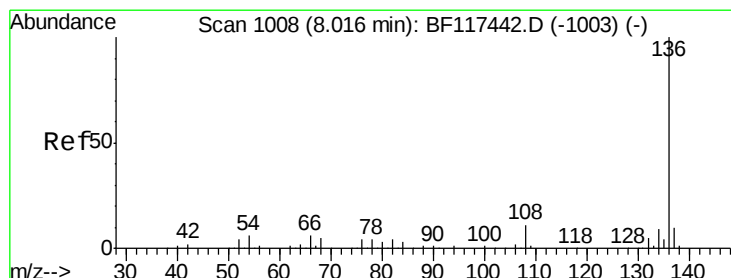
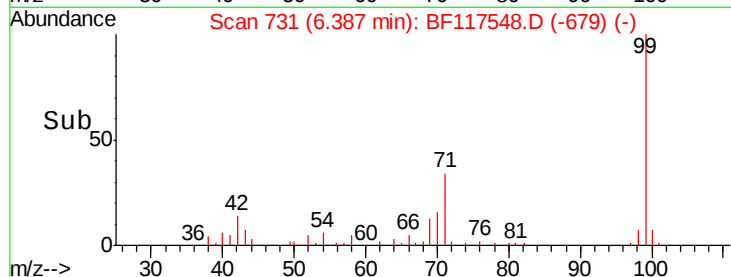
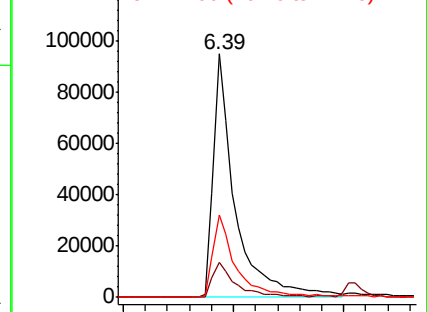
99 100

42 14.4 12.8 19.2

71 34.1 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF117548.D

Acq: 25 Oct 2019 20:40

Tgt Ion: 136 Resp: 192246

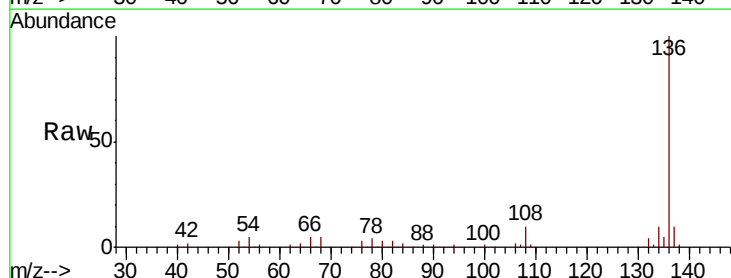
Ion Ratio Lower Upper

136 100

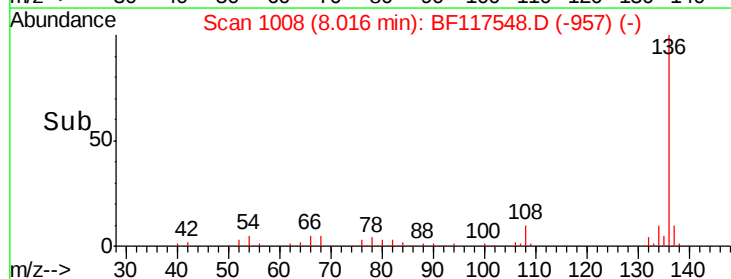
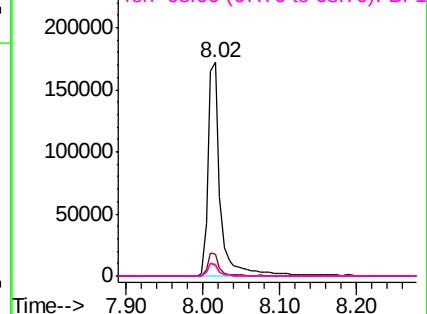
137 10.1 8.2 12.4

54 5.5 4.5 6.7

68 4.9 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

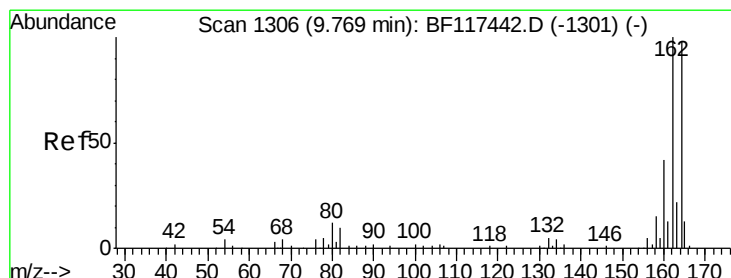
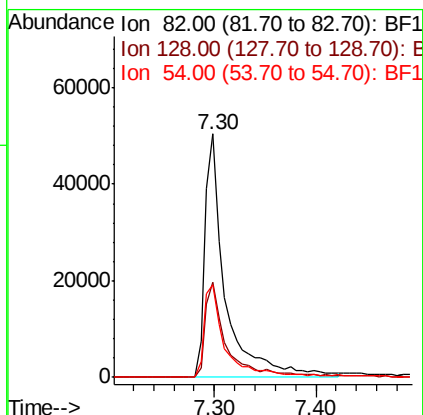
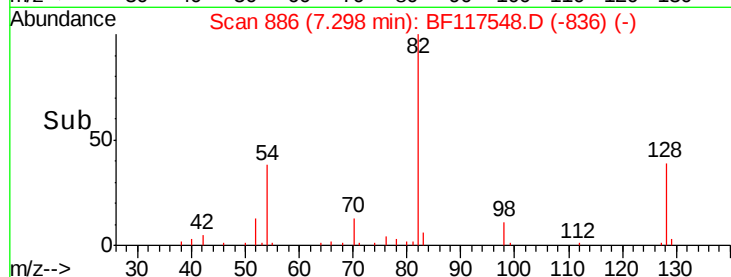
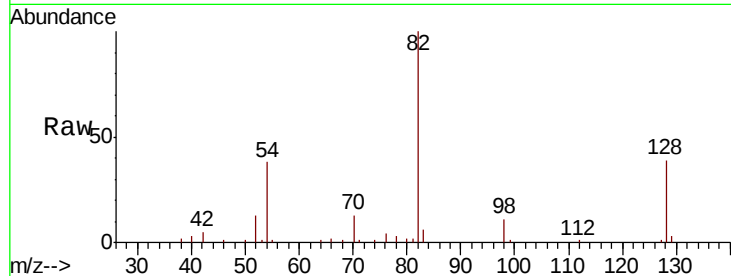




#23
Nitrobenzene-d5
Concen: 18.176 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117548.D
Acq: 25 Oct 2019 20:40

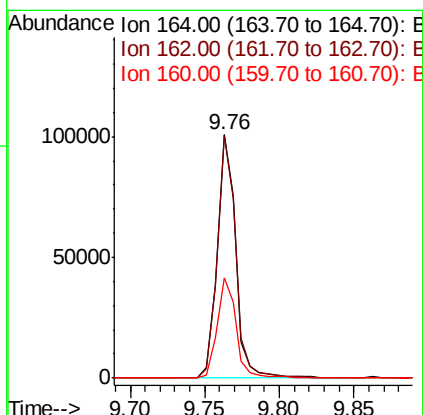
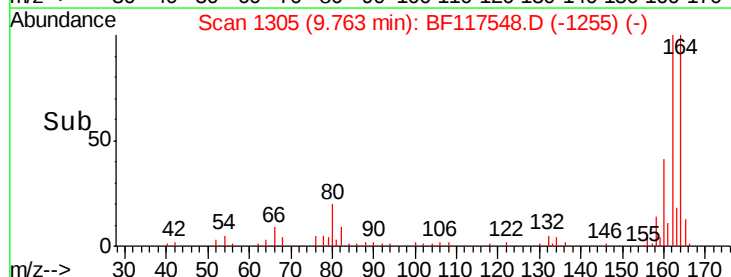
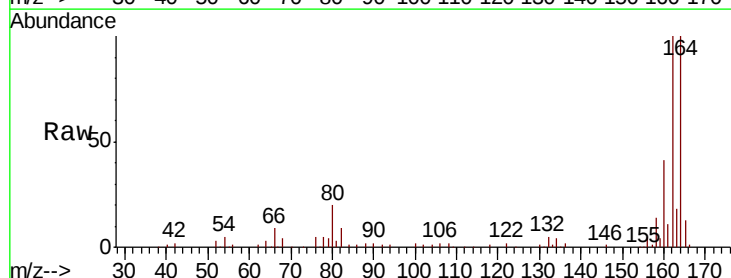
Instrument :
BNA_F
ClientSampleId :
190-78-(0-1)RE

Tot Ion: 82 Resp: 70782
Ion Ratio Lower Upper
82 100
128 38.9 32.2 48.2
54 37.9 34.2 51.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117548.D
Acq: 25 Oct 2019 20:40

Tgt Ion:164 Resp: 87230
Ion Ratio Lower Upper
164 100
162 99.7 81.8 122.6
160 41.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 23.072 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF117548.D

Acq: 25 Oct 2019 20:40

Instrument :

BNA_F

ClientSampleId :

190-78-(0-1)RE

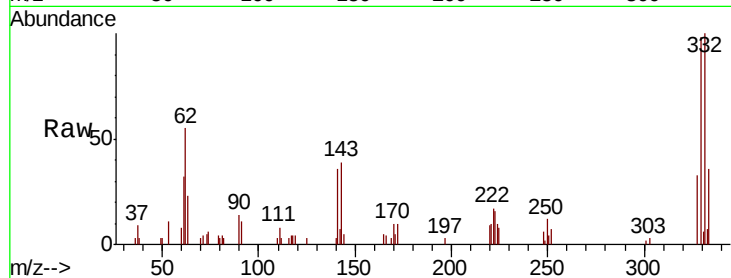
Tot Ion:330 Resp: 17414

Ion Ratio Lower Upper

330 100

332 97.8 78.5 117.7

141 47.9 37.0 55.6

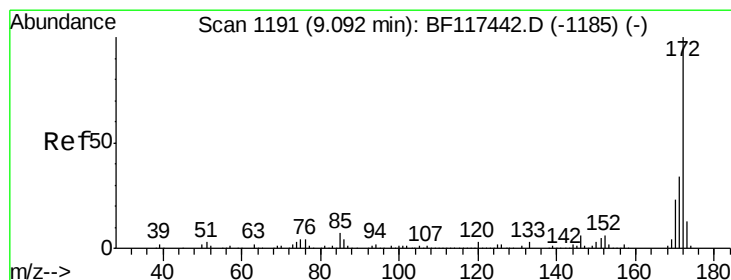
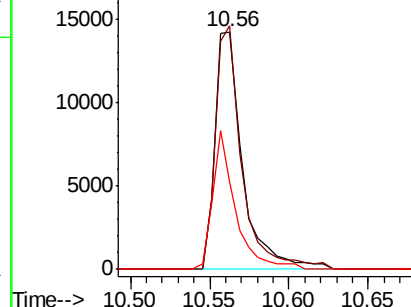
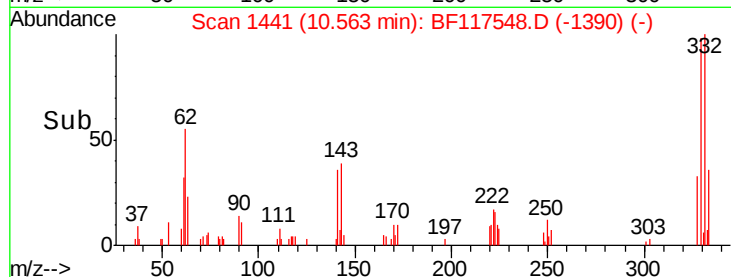


Abundance

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: 15.565 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF117548.D

Acq: 25 Oct 2019 20:40

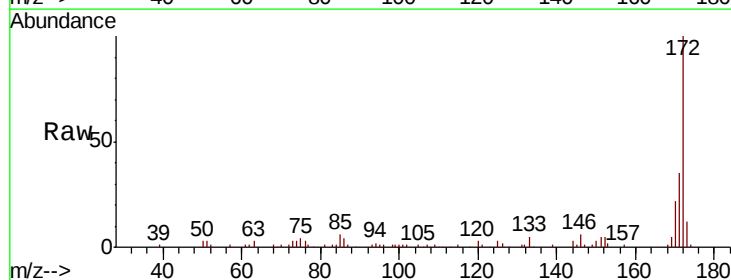
Tgt Ion:172 Resp: 96364

Ion Ratio Lower Upper

172 100

171 34.9 27.5 41.3

170 22.0 18.6 27.8

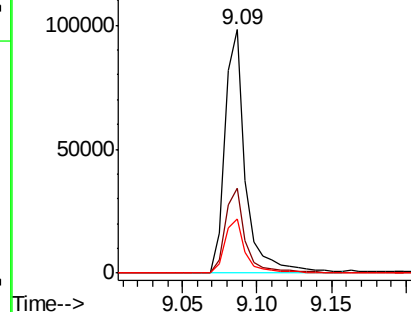
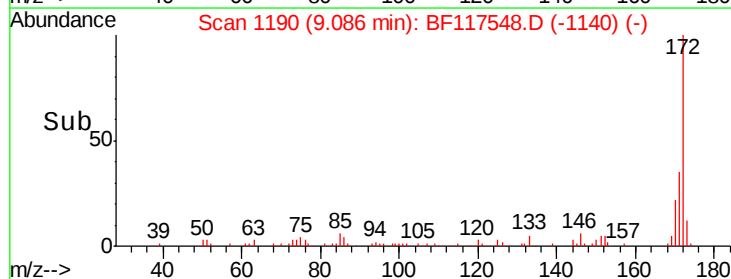


Abundance

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

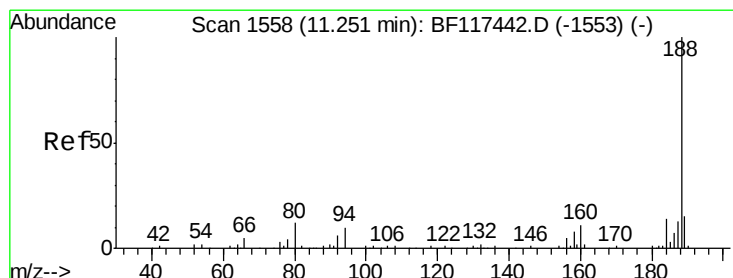
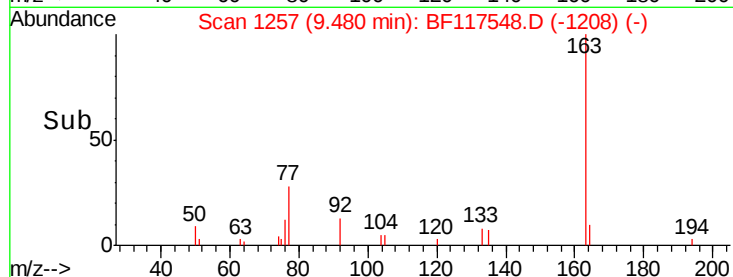
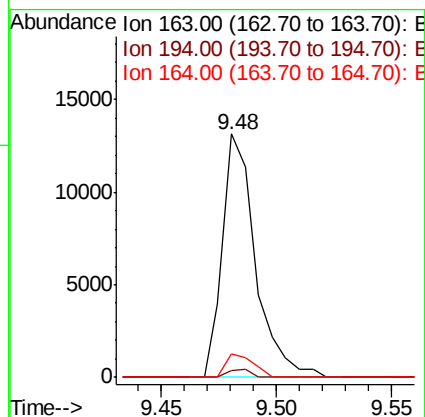
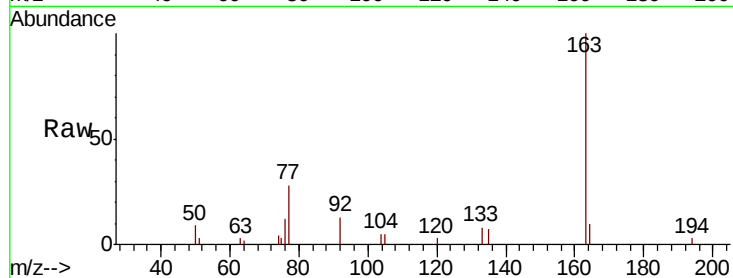




#50
Dimethylphthalate
Concen: 2.096 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117548.D
Acq: 25 Oct 2019 20:40

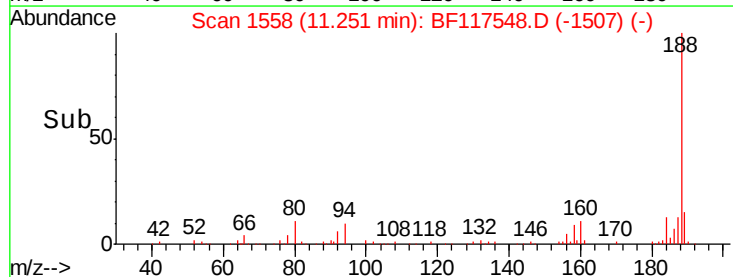
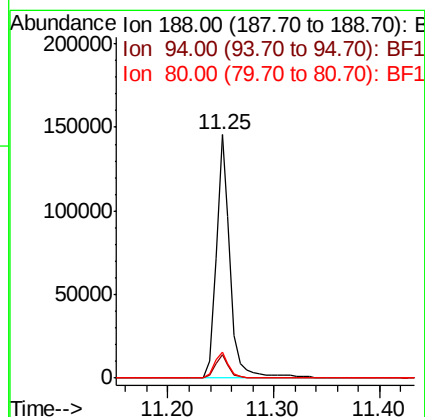
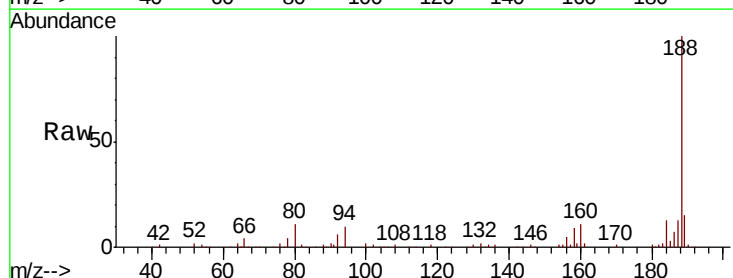
Instrument :
BNA_F
ClientSampleId :
190-78-(0-1)RE

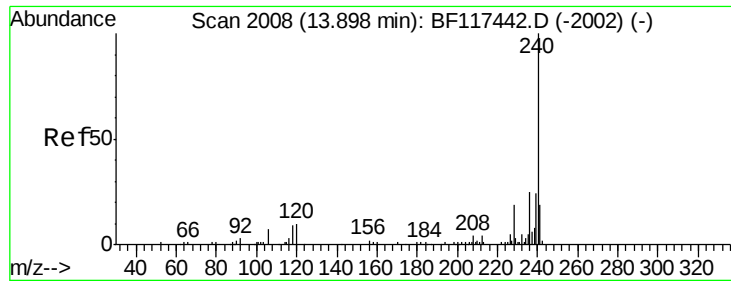
Tot Ion:163 Resp: 13035
Ion Ratio Lower Upper
163 100
194 2.6 2.9 4.3#
164 9.6 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117548.D
Acq: 25 Oct 2019 20:40

Tgt Ion:188 Resp: 135140
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.7 9.5 14.3

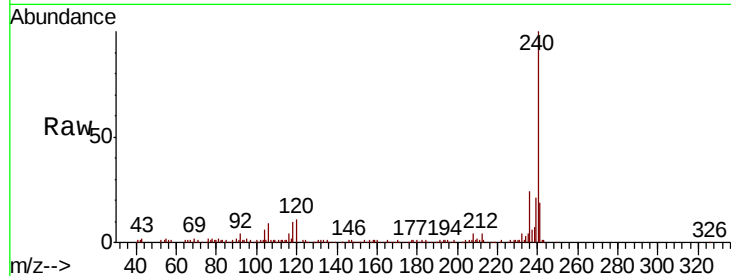




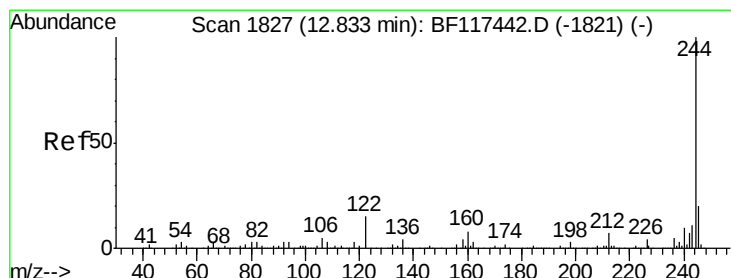
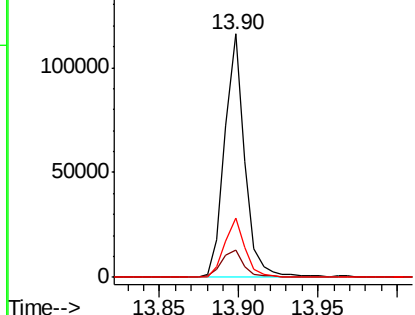
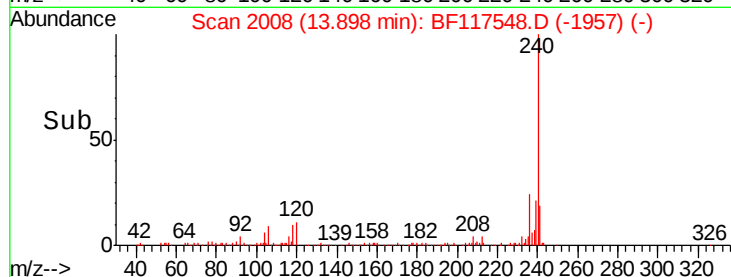
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF117548.D
Acq: 25 Oct 2019 20:40

Instrument :
BNA_F
ClientSampleId :
190-78-(0-1)RE

Tot Ion:240 Resp: 102757
Ion Ratio Lower Upper
240 100
120 11.4 8.4 12.6
236 24.5 20.0 30.0

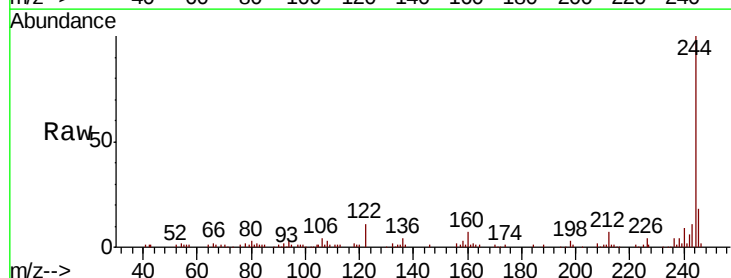


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

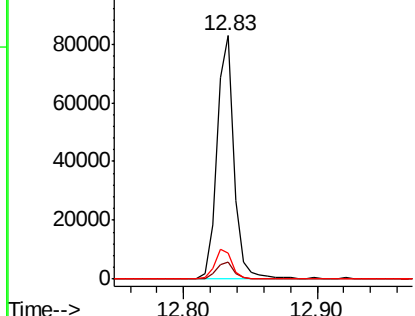
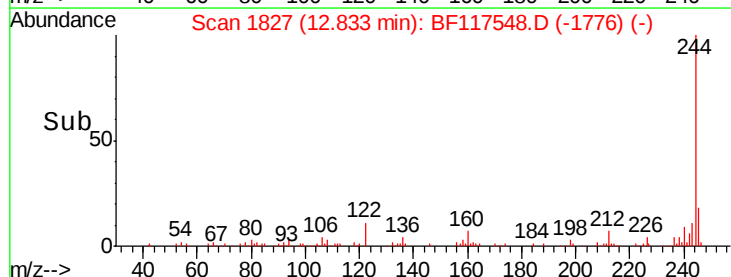


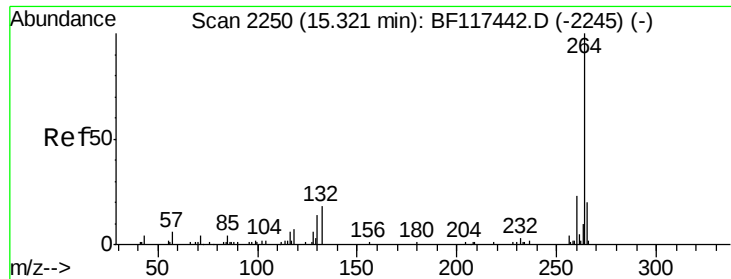
#79
Terphenyl-d14
Concen: 11.890 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117548.D
Acq: 25 Oct 2019 20:40

Tgt Ion:244 Resp: 74907
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 10.8 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

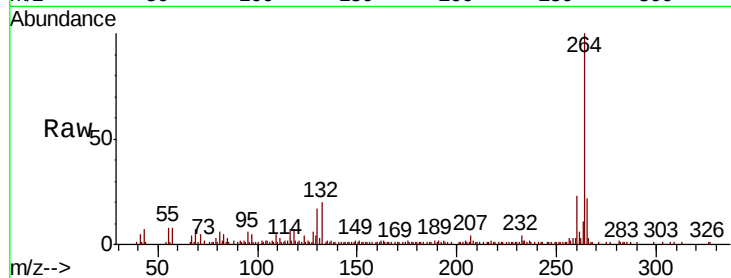




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BF117548.D
 Acq: 25 Oct 2019 20:40

Instrument :
 BNA_F
 ClientSampleId :
 190-78-(0-1)RE

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.0	18.4	27.6	
265	22.0	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

