

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
 Data File : BF117530.D
 Acq On : 25 Oct 2019 00:12
 Operator : JU
 Sample : K5498-03 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 190-20-(0-1)

Quant Time: Oct 25 06:21:22 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	52291	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	220362	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	105378	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	145396	20.00	ng	0.00
76) Chrysene-d12	13.90	240	104597	20.00	ng	0.00
87) Perylene-d12	15.33	264	78788	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	59678	16.98	ng	0.01
7) Phenol-d6	6.39	99	87059	18.44	ng	0.01
23) Nitrobenzene-d5	7.30	82	47753	10.70	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	12792	14.03	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	84764	11.33	ng	0.00
79) Terphenyl-d14	12.83	244	55513	8.66	ng	0.00

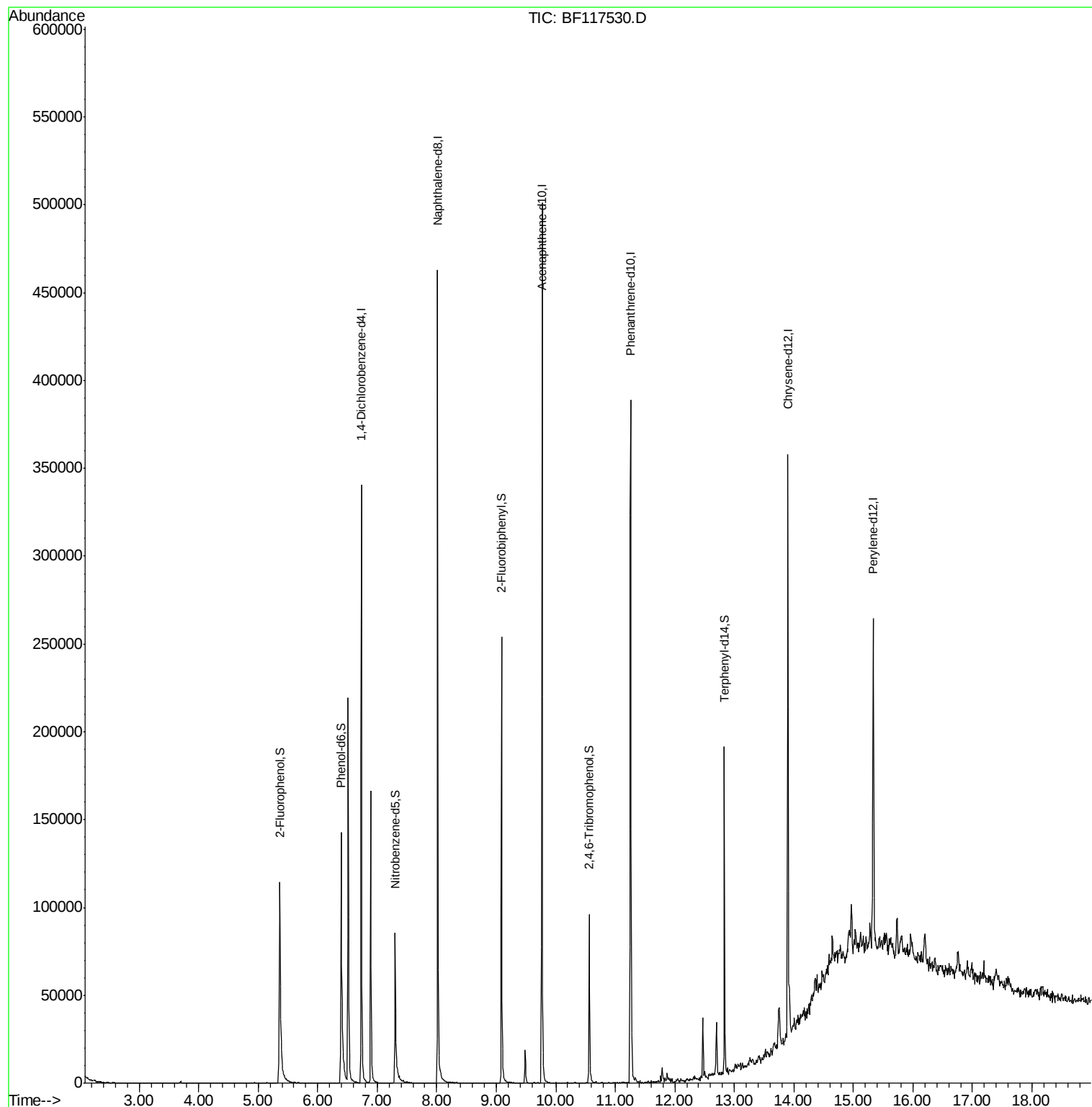
Target Compounds Qvalue

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

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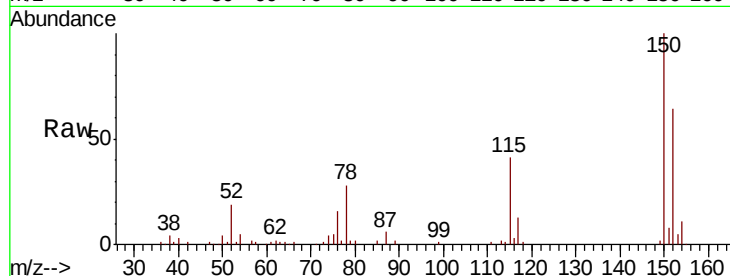


#1

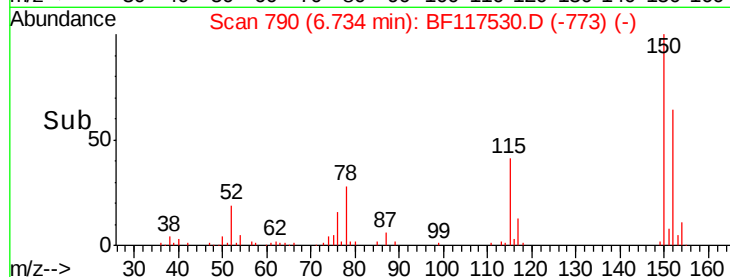
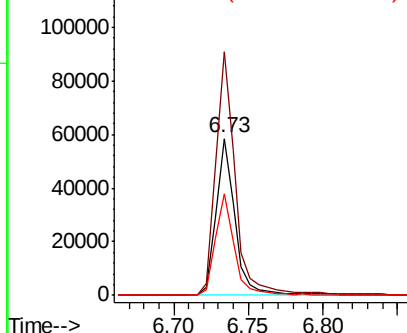
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117530.D
Acq: 25 Oct 2019 00:12

Instrument :
BNA_F
ClientSampleId :
190-20-(0-1)

Tot Ion:152 Resp: 52291
Ion Ratio Lower Upper
152 100
150 155.3 126.8 190.2
115 64.4 51.6 77.4



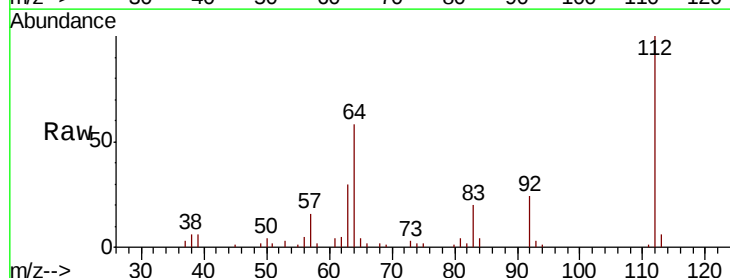
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



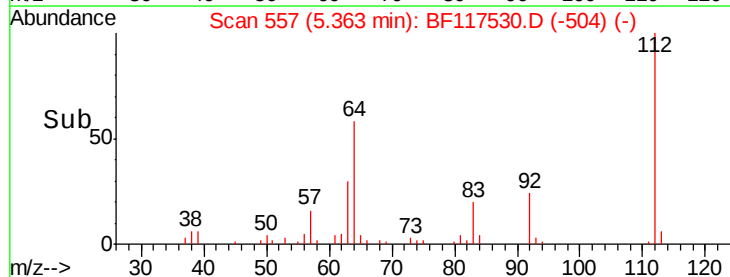
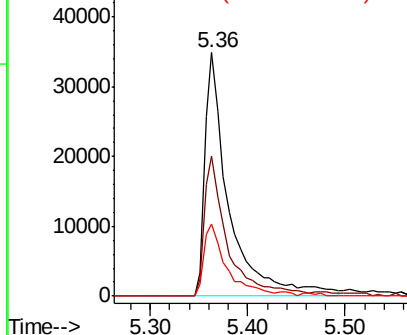
#5

2-Fluorophenol
Concen: 16.979 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117530.D
Acq: 25 Oct 2019 00:12

Tgt Ion:112 Resp: 59678
Ion Ratio Lower Upper
112 100
64 57.5 44.1 66.1
63 29.7 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: 18.441 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF117530.D

Acq: 25 Oct 2019 00:12

Instrument :

BNA_F

ClientSampleId :

190-20-(0-1)

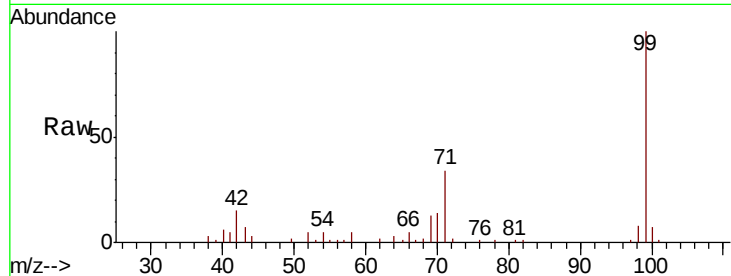
Tot Ion: 99 Resp: 87059

Ion Ratio Lower Upper

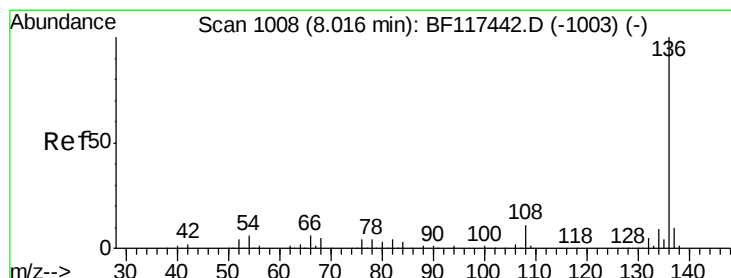
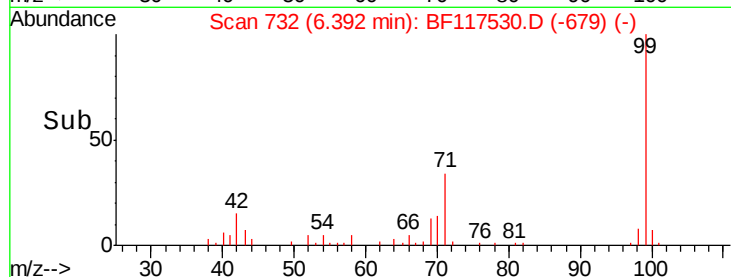
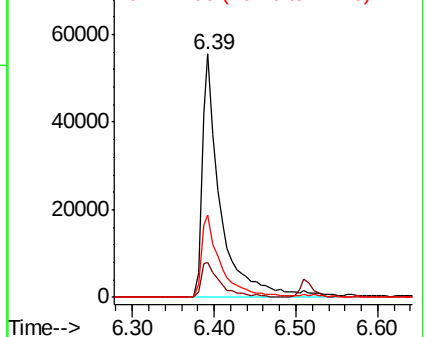
99 100

42 14.6 12.8 19.2

71 33.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF117530.D

Acq: 25 Oct 2019 00:12

Tgt Ion: 136 Resp: 220362

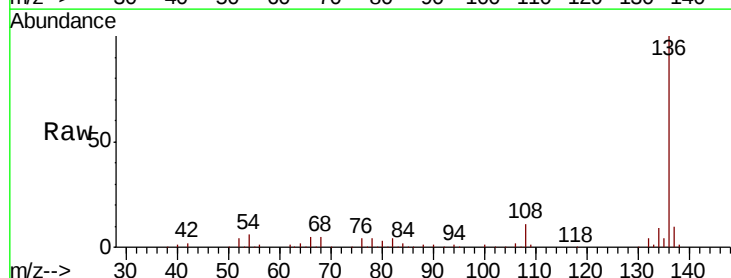
Ion Ratio Lower Upper

136 100

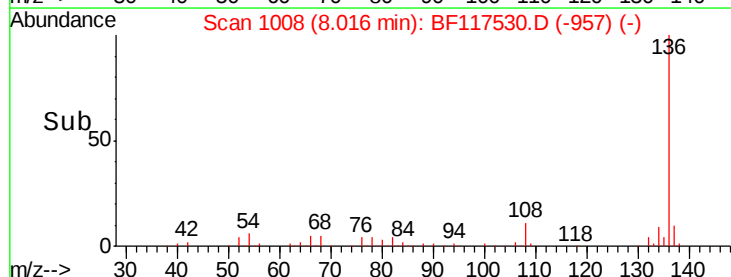
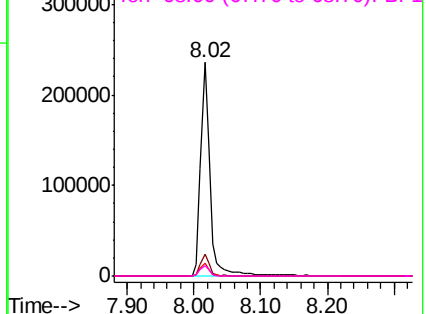
137 10.3 8.2 12.4

54 6.0 4.5 6.7

68 5.0 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

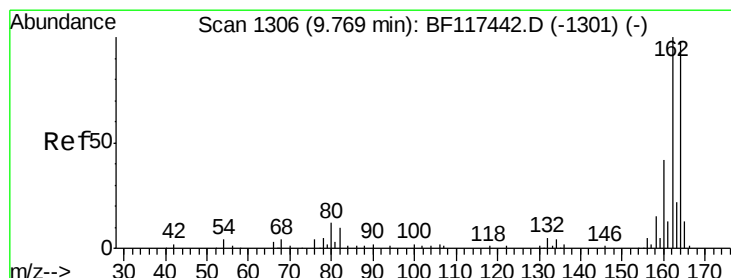
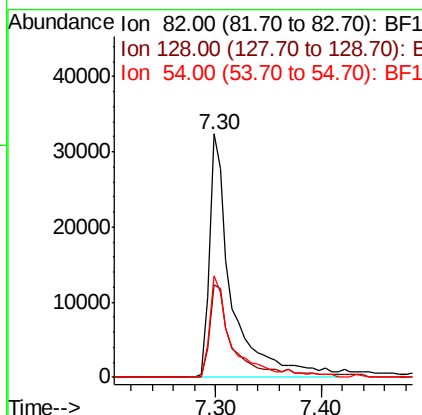
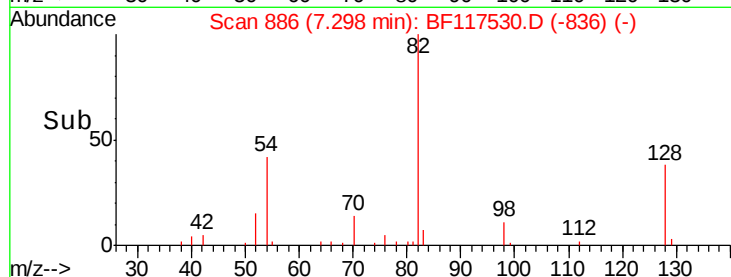
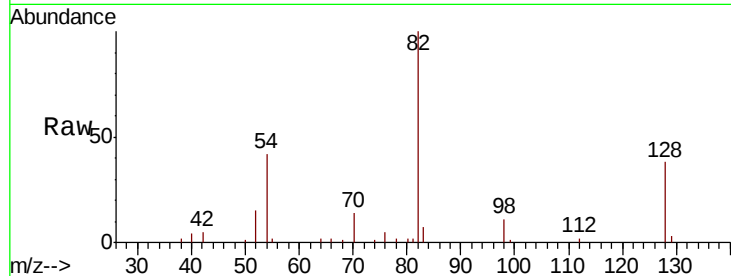




#23
 Nitrobenzene-d5
 Concen: 10.698 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117530.D
 Acq: 25 Oct 2019 00:12

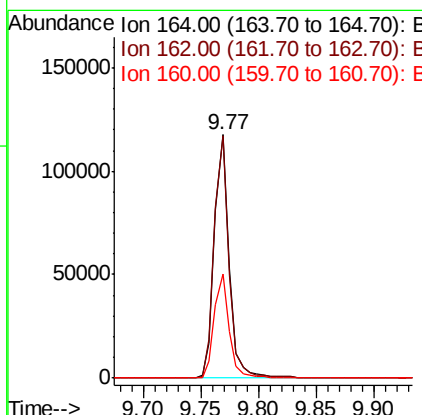
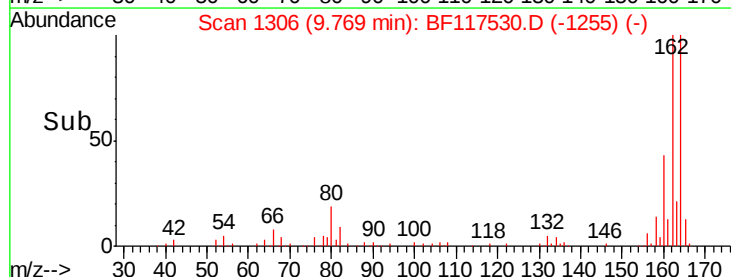
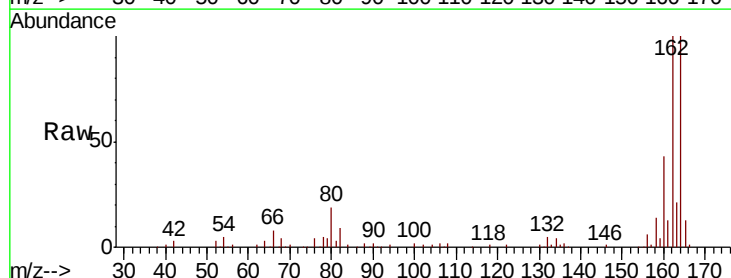
Instrument :
 BNA_F
 ClientSampleId :
 190-20-(0-1)

Tot Ion	82	Resp	47753
Ion Ratio	Lower	Upper	
82	100		
128	38.2	32.2	48.2
54	41.8	34.2	51.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF117530.D
 Acq: 25 Oct 2019 00:12

Tgt Ion	164	Resp	105378
Ion Ratio	Lower	Upper	
164	100		
162	99.7	81.8	122.6
160	42.5	34.4	51.6

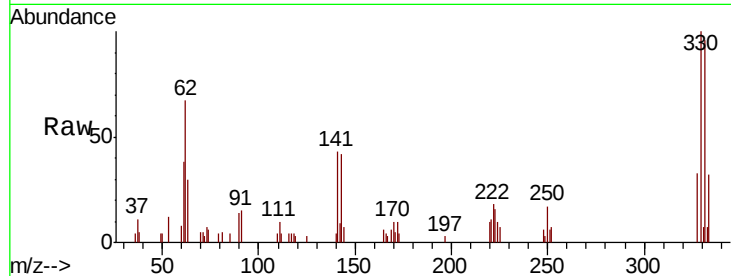




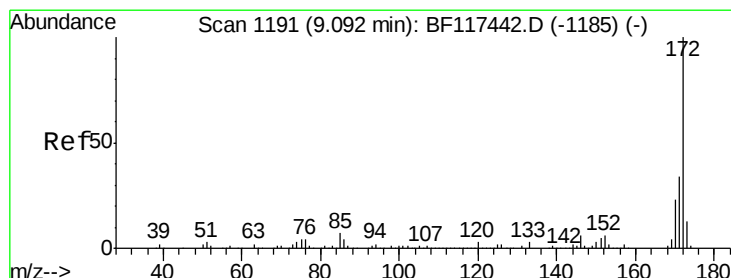
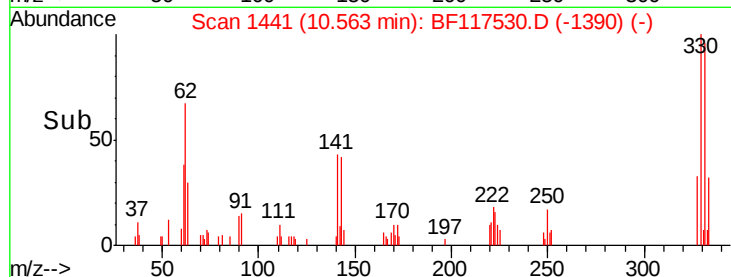
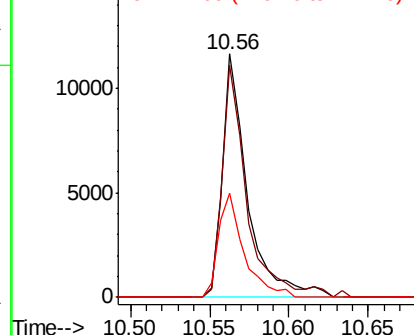
#42
 2,4,6-Tribromophenol
 Concen: 14.030 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF117530.D
 Acq: 25 Oct 2019 00:12

Instrument :
 BNA_F
 ClientSampleId :
 190-20-(0-1)

Tot Ion:330 Resp: 12792
 Ion Ratio Lower Upper
 330 100
 332 94.8 78.5 117.7
 141 43.3 37.0 55.6

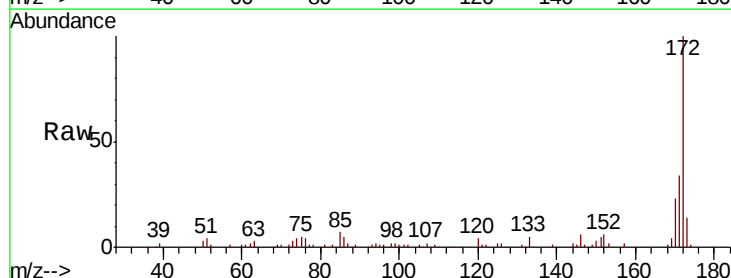


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

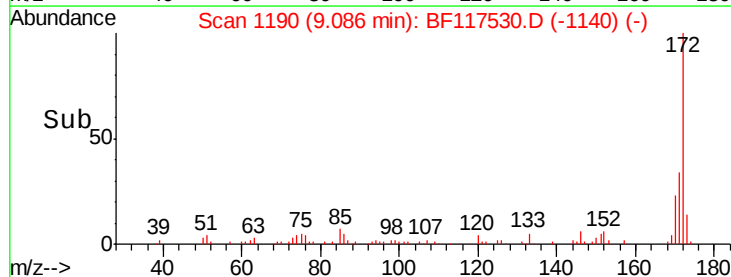
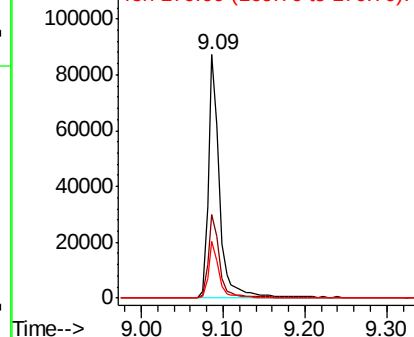


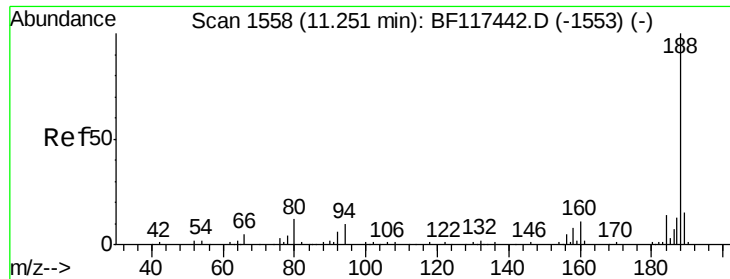
#45
 2-Fluorobiphenyl
 Concen: 11.334 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117530.D
 Acq: 25 Oct 2019 00:12

Tgt Ion:172 Resp: 84764
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.5 41.3
 170 23.1 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF117530.D

Acq: 25 Oct 2019 00:12

Instrument :

BNA_F

ClientSampleId :

190-20-(0-1)

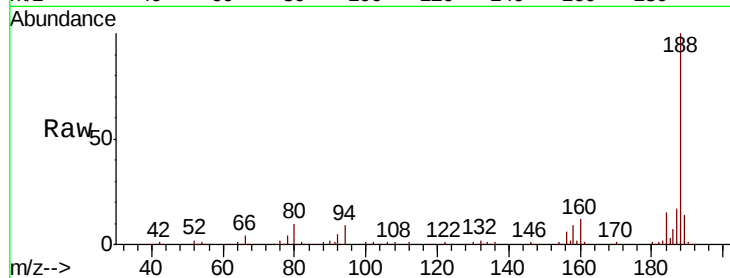
Tot Ion:188 Resp: 145396

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

80 10.2 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

200000

150000

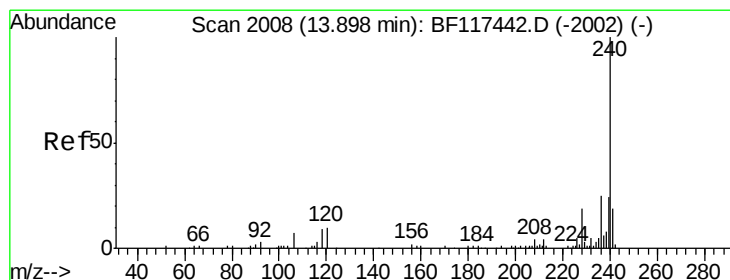
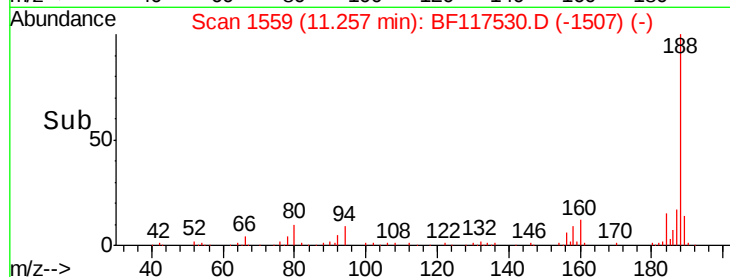
100000

50000

0

11.20 11.30 11.40

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF117530.D

Acq: 25 Oct 2019 00:12

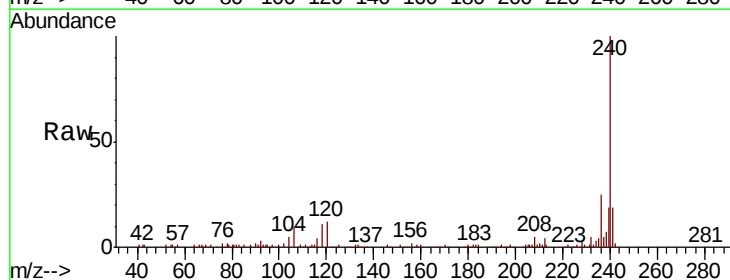
Tgt Ion:240 Resp: 104597

Ion Ratio Lower Upper

240 100

120 12.3 8.4 12.6

236 24.7 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

150000

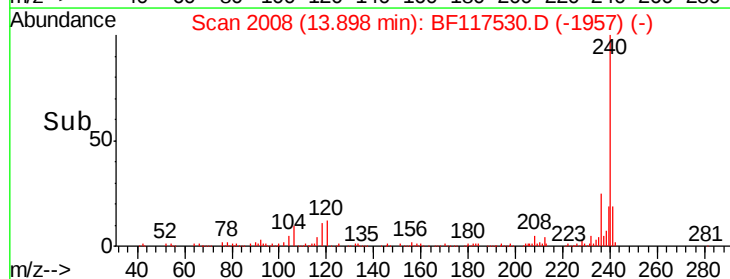
100000

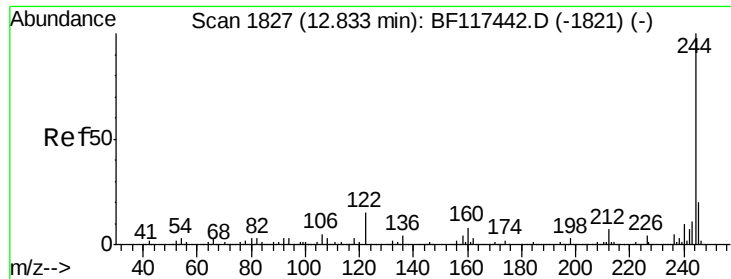
50000

0

13.85 13.90 13.95

Time-->





#79

Terphenyl-d14

Concen: 8.657 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF117530.D

Acq: 25 Oct 2019 00:12

Instrument :

BNA_F

ClientSampleId :

190-20-(0-1)

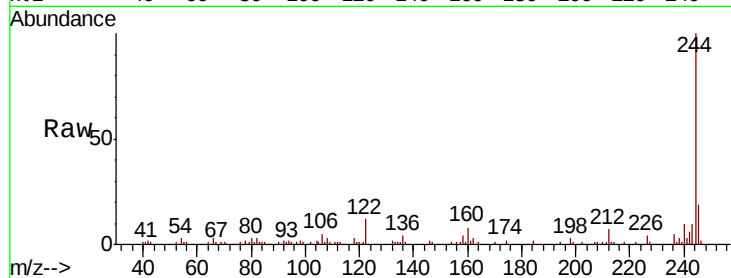
Tot Ion:244 Resp: 55513

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

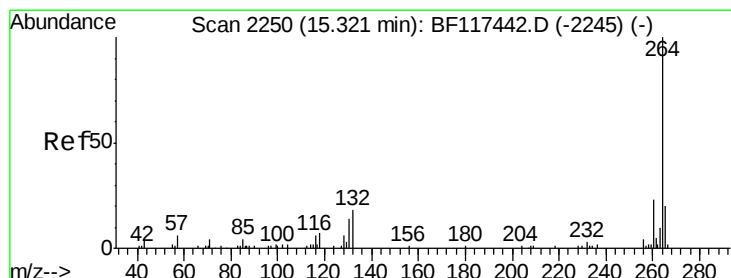
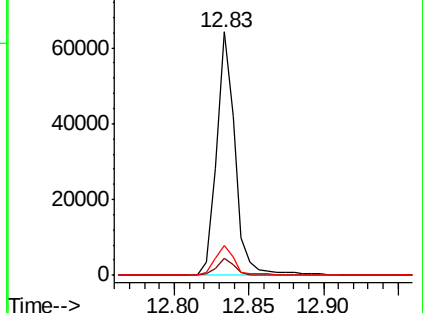
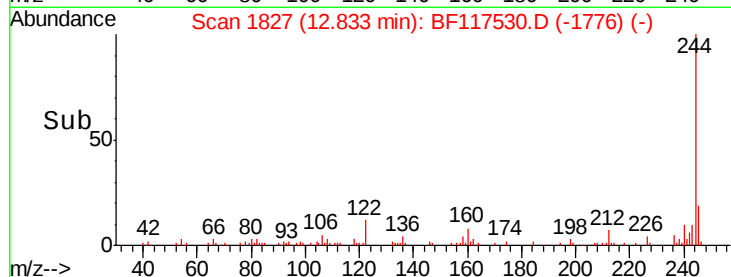
122 12.3 11.8 17.8



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: BF117530.D

Acq: 25 Oct 2019 00:12

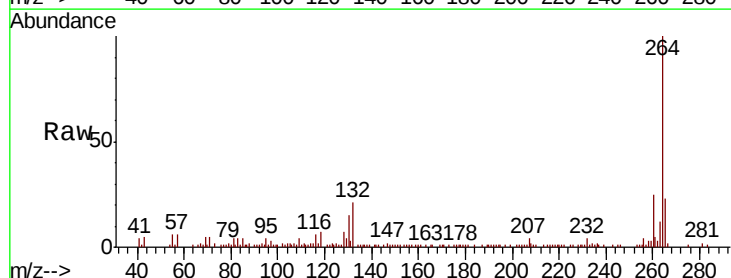
Tgt Ion:264 Resp: 78788

Ion Ratio Lower Upper

264 100

260 24.6 18.4 27.6

265 22.8 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

