

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117502.D
 Acq On : 23 Oct 2019 23:50
 Operator : JU
 Sample : K5497-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 169-32-(0-1)

Quant Time: Oct 24 09:13:00 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

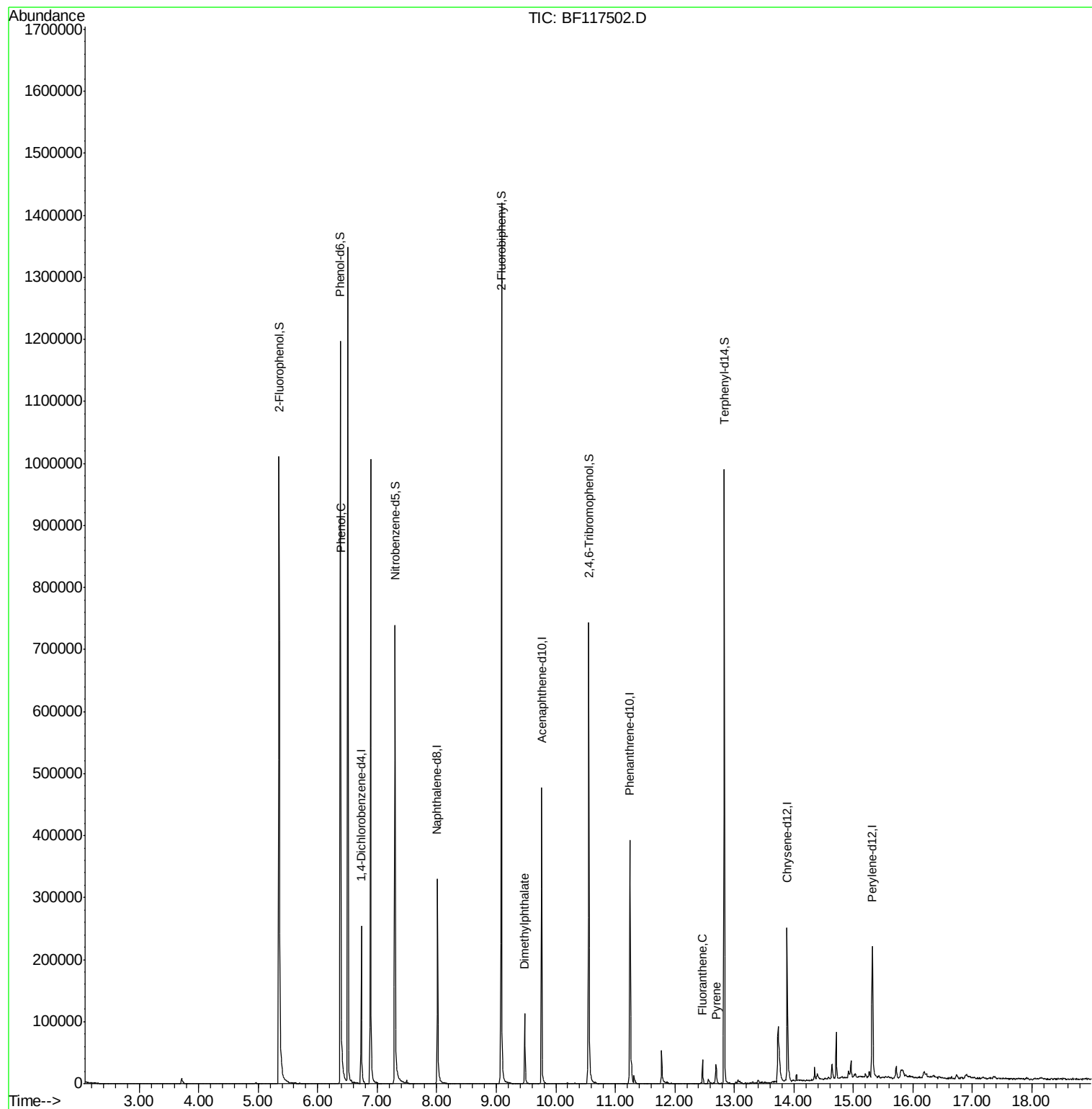
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	44838	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	179573	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	94572	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	152106	20.00	ng	0.00
76) Chrysene-d12	13.89	240	89683	20.00	ng	0.00
87) Perylene-d12	15.32	264	97701	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	322448	106.99	ng	0.00
7) Phenol-d6	6.38	99	449636	111.08	ng	0.00
23) Nitrobenzene-d5	7.30	82	272481	74.91	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	88160	107.74	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	418886	62.41	ng	0.00
79) Terphenyl-d14	12.83	244	344570	62.67	ng	0.00
Target Compounds						
10) Phenol	6.39	94	10668	2.582	ng	89
50) Dimethylphthalate	9.48	163	43226	6.411	ng	99
75) Fluoranthene	12.46	202	17900	2.024	ng	98
78) Pyrene	12.69	202	15576	2.022	ng	97

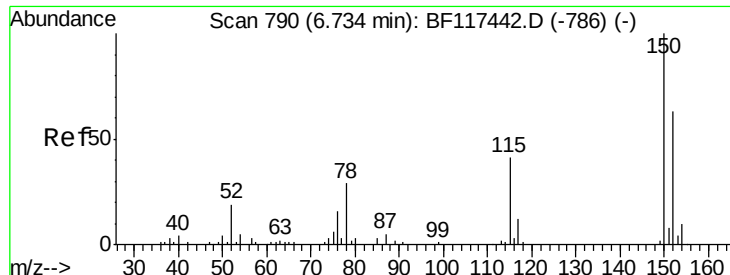
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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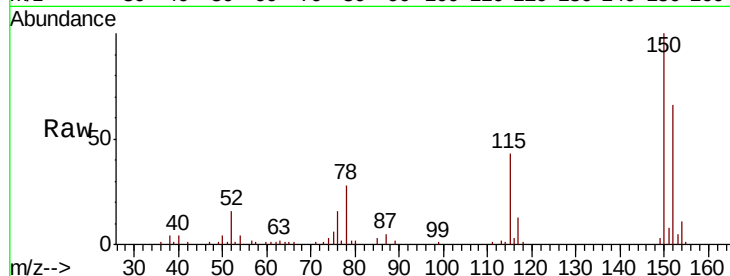


#1

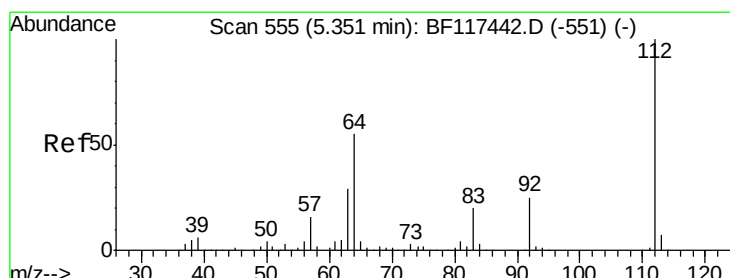
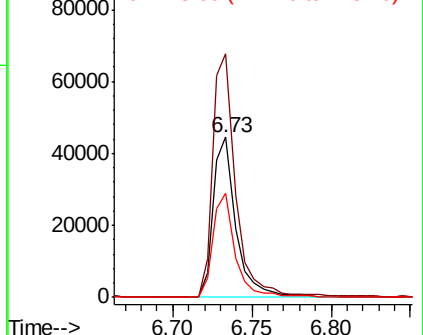
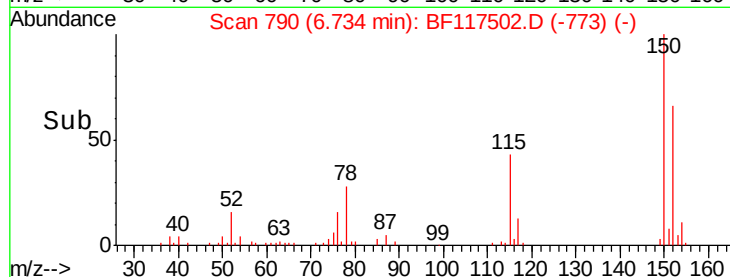
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)

Tot Ion:152 Resp: 44838
Ion Ratio Lower Upper
152 100
150 152.3 126.8 190.2
115 65.2 51.6 77.4



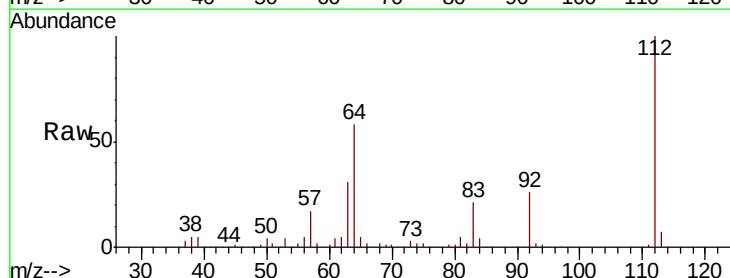
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



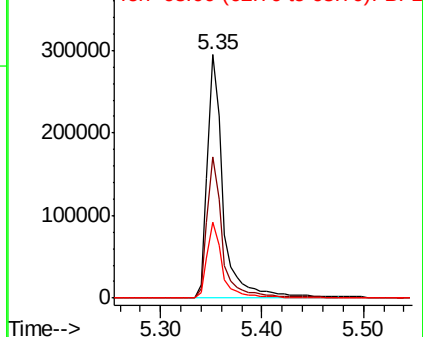
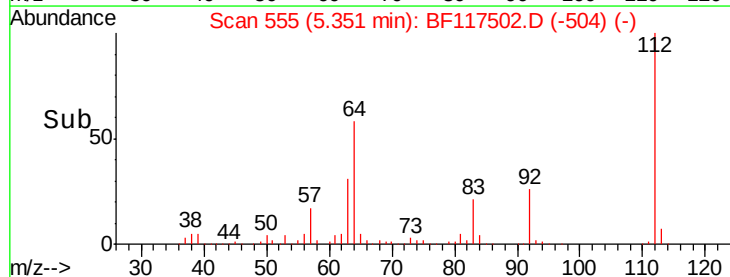
#5

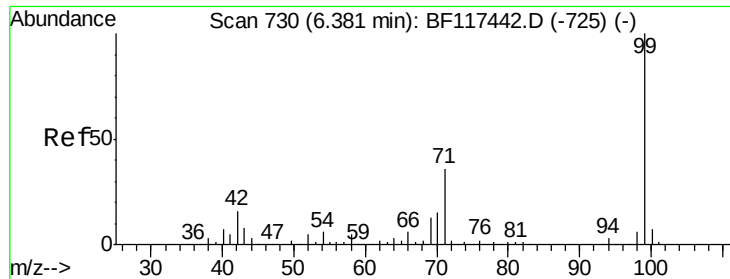
2-Fluorophenol
Concen: 106.987 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Tgt Ion:112 Resp: 322448
Ion Ratio Lower Upper
112 100
64 57.8 44.1 66.1
63 30.9 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: 111.076 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF117502.D

Acq: 23 Oct 2019 23:50

Instrument :

BNA_F

ClientSampleId :

169-32-(0-1)

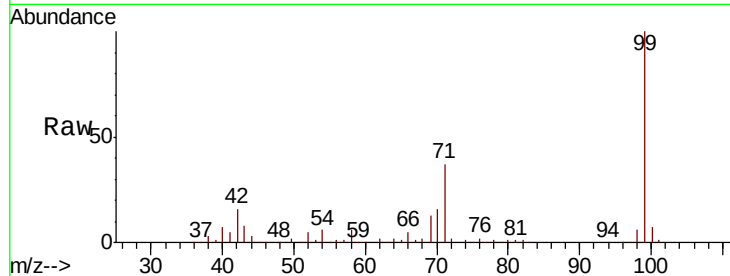
Tot Ion: 99 Resp: 449636

Ion Ratio Lower Upper

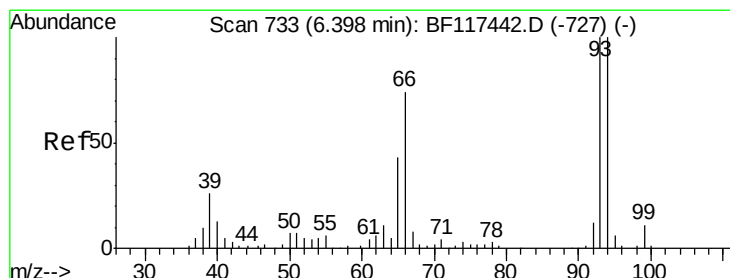
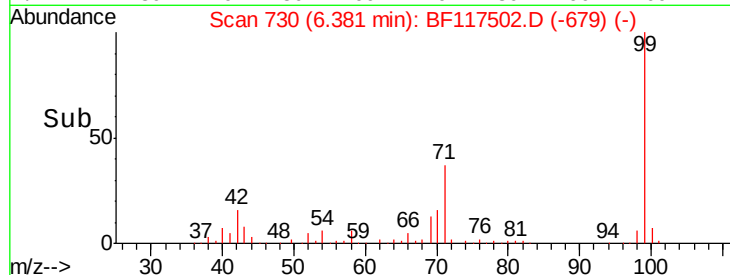
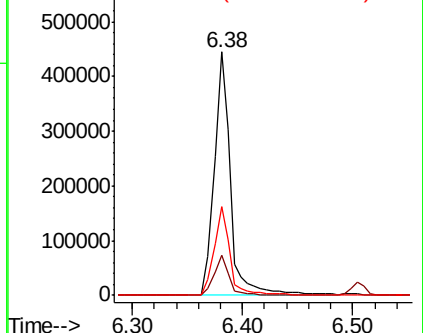
99 100

42 16.3 12.8 19.2

71 36.6 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: 2.582 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117502.D

Acq: 23 Oct 2019 23:50

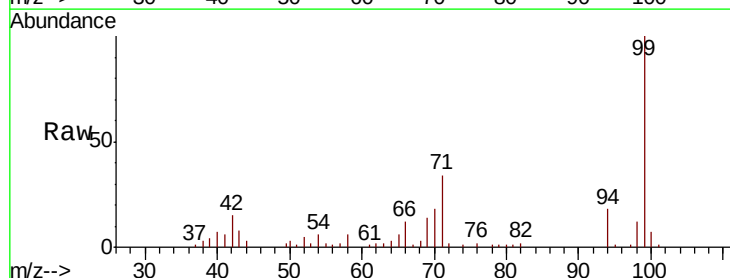
Tgt Ion: 94 Resp: 10668

Ion Ratio Lower Upper

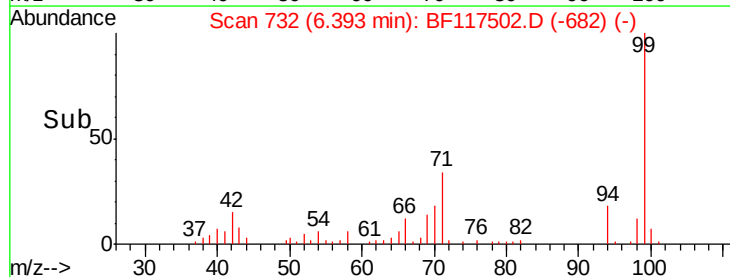
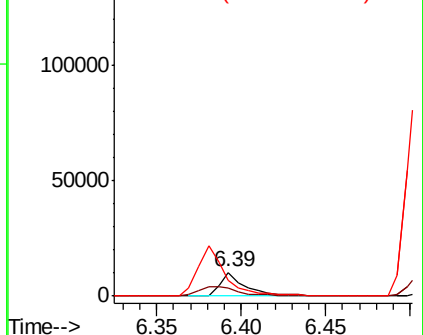
94 100

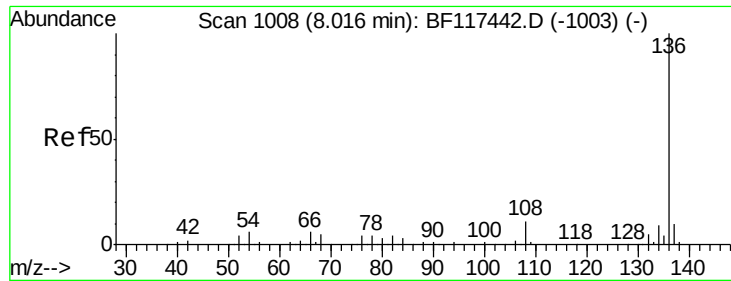
65 36.0 23.4 63.4

66 66.0 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

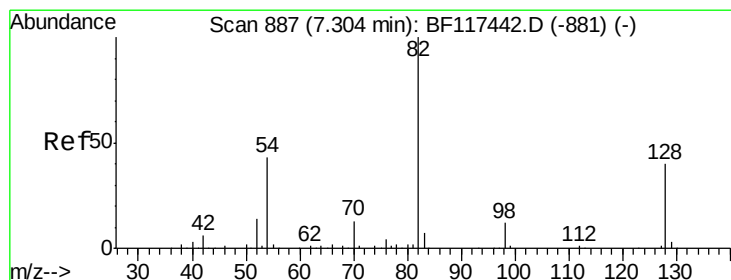
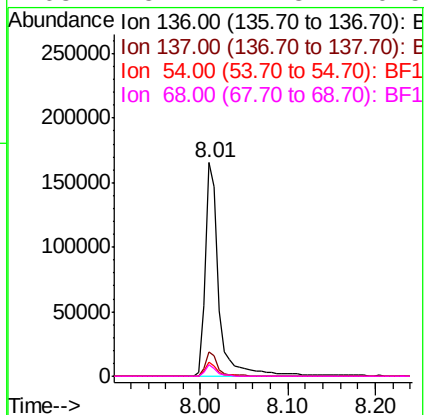
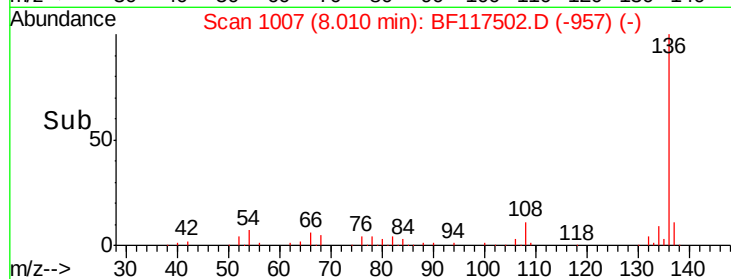
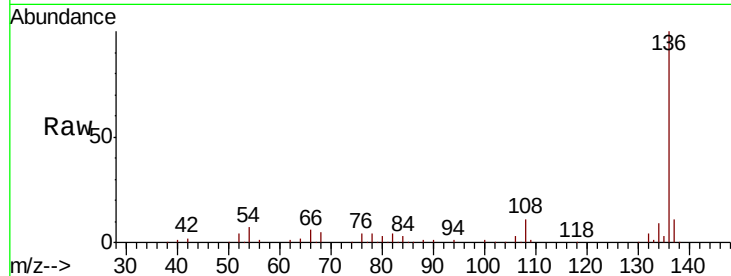




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

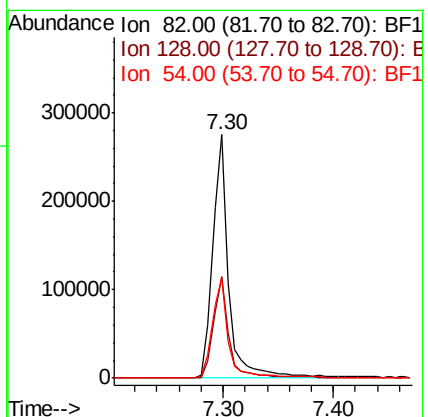
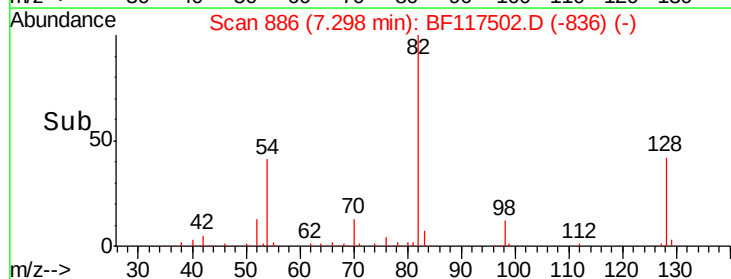
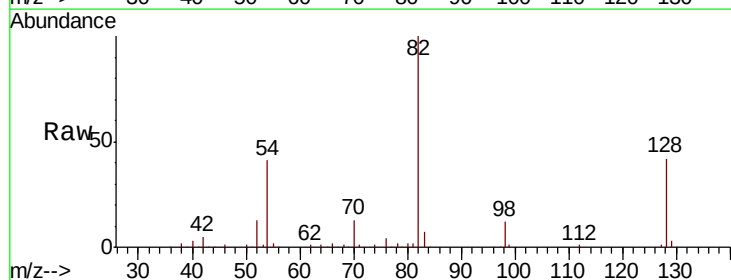
Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)

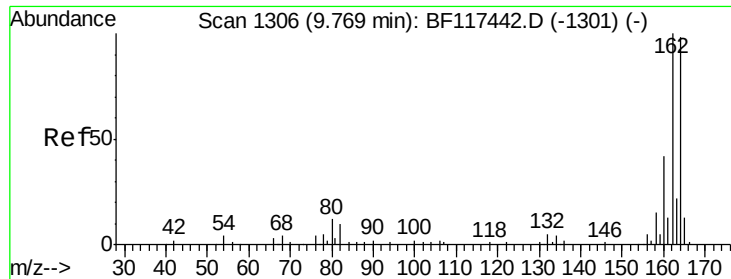
Tot Ion:136	Resp:	179573
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.2 12.4
54	6.7	4.5 6.7
68	5.4	4.3 6.5



#23
Nitrobenzene-d5
Concen: 74.910 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Tgt Ion: 82	Resp:	272481
Ion	Ratio	Lower Upper
82	100	
128	41.6	32.2 48.2
54	41.4	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: BF117502.D

Acq: 23 Oct 2019 23:50

Instrument :

BNA_F

ClientSampleId :

169-32-(0-1)

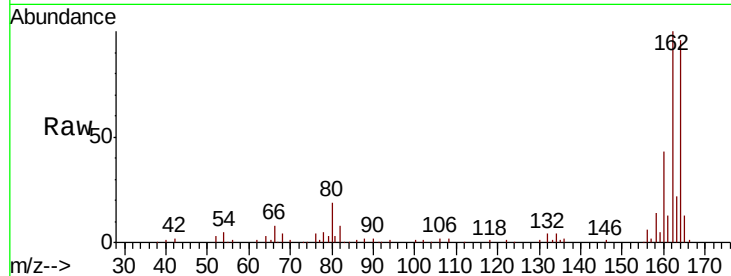
Tot Ion:164 Resp: 94572

Ion Ratio Lower Upper

164 100

162 104.5 81.8 122.6

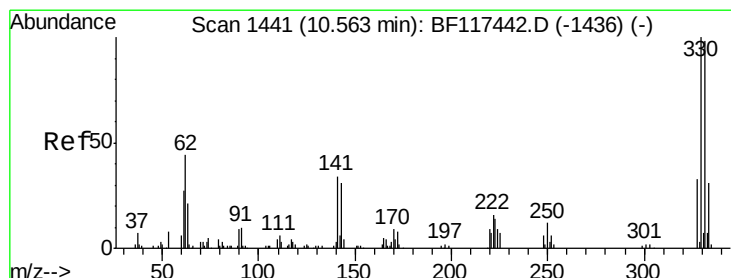
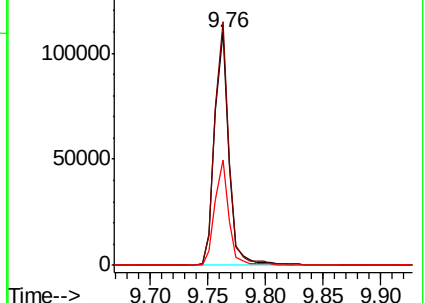
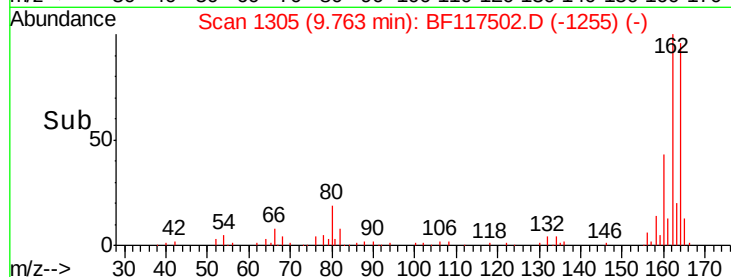
160 45.1 34.4 51.6



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: 107.737 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117502.D

Acq: 23 Oct 2019 23:50

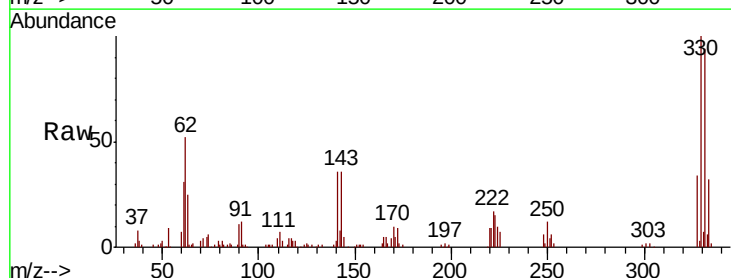
Tgt Ion:330 Resp: 88160

Ion Ratio Lower Upper

330 100

332 97.1 78.5 117.7

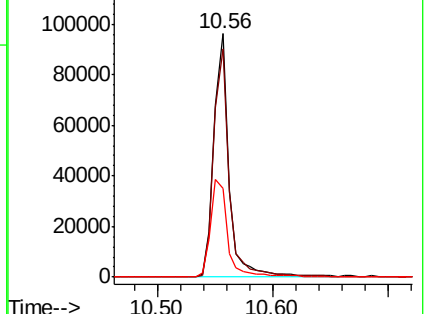
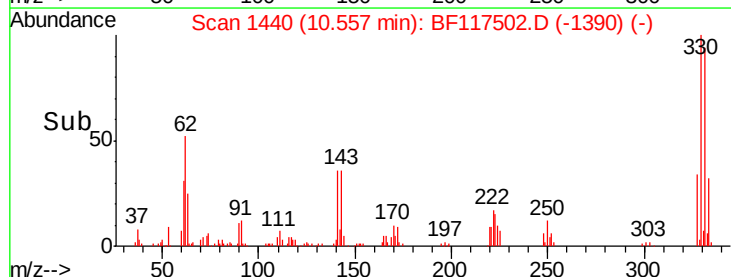
141 45.1 37.0 55.6

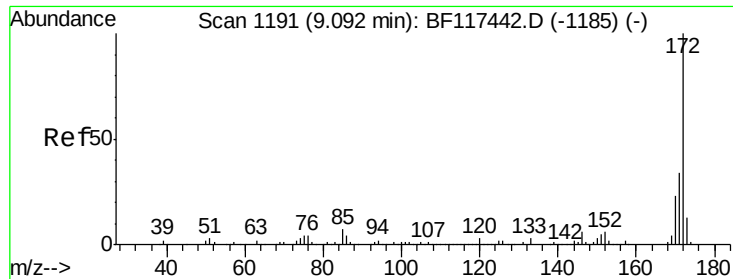


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

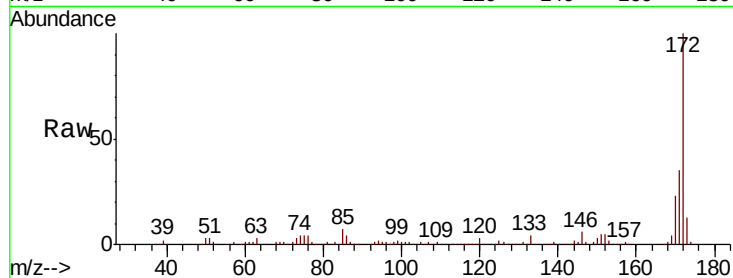




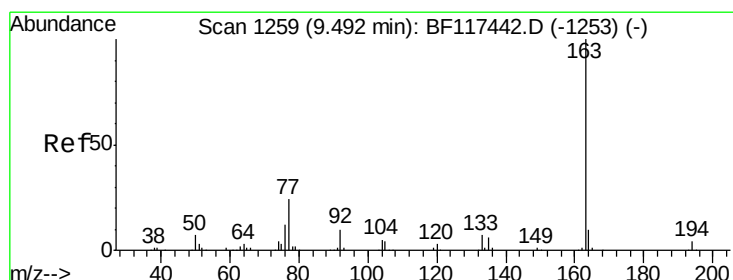
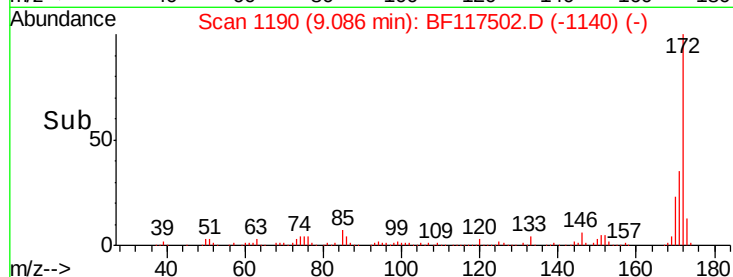
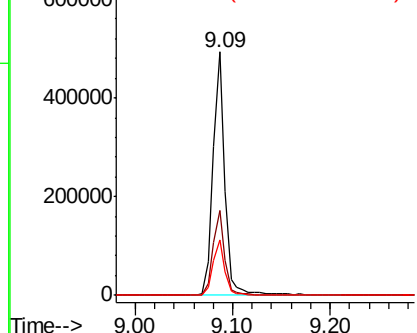
#45
 2-Fluorobiphenyl
 Concen: 62.408 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117502.D
 Acq: 23 Oct 2019 23:50

Instrument :
 BNA_F
 ClientSampleId :
 169-32-(0-1)

Tot Ion:172 Resp: 418886
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.5 41.3
 170 22.8 18.6 27.8

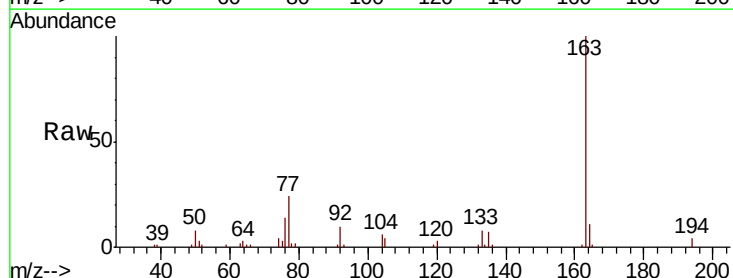


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

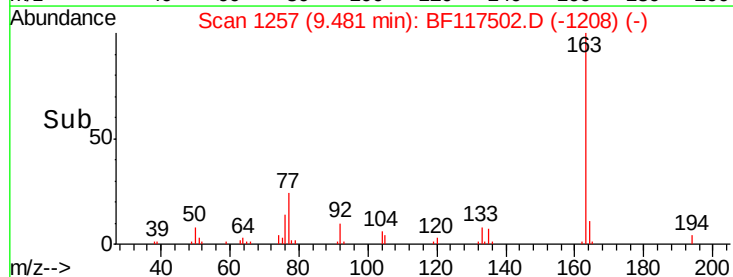
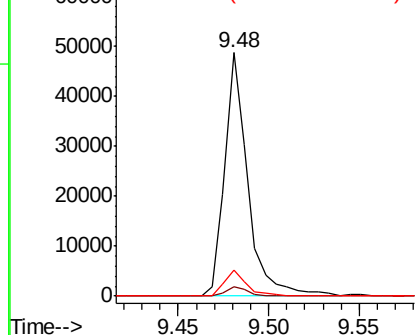


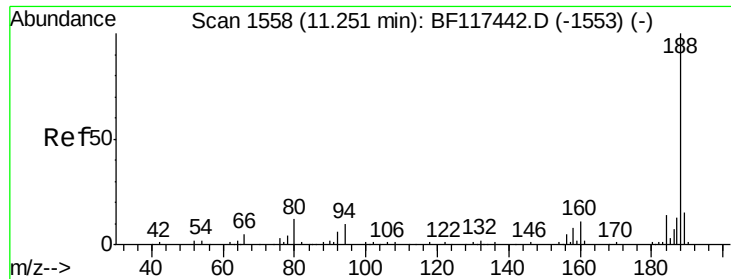
#50
 Dimethylphthalate
 Concen: 6.411 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF117502.D
 Acq: 23 Oct 2019 23:50

Tgt Ion:163 Resp: 43226
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.9 4.3
 164 10.7 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# 1557

Delta R.T. -0.01 min

Lab File: BF117502.D

Acq: 23 Oct 2019 23:50

Instrument :

BNA_F

ClientSampleId :

169-32-(0-1)

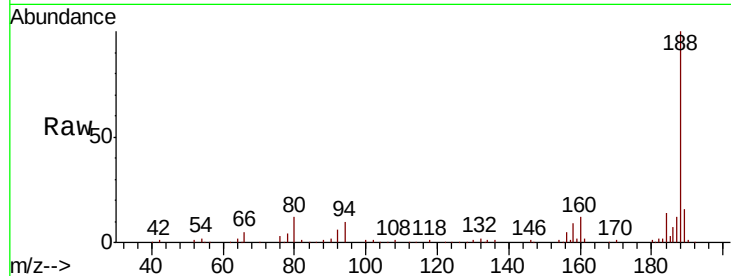
Tot Ion:188 Resp: 152106

Ion Ratio Lower Upper

188 100

94 10.3 8.0 12.0

80 12.4 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

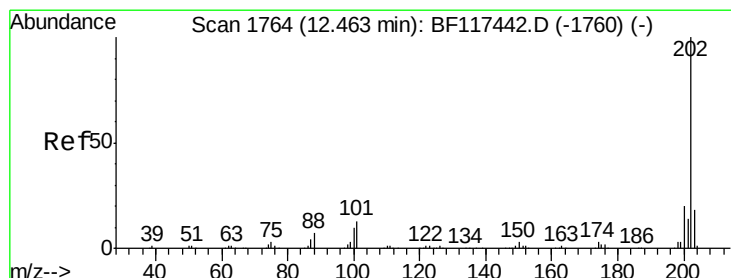
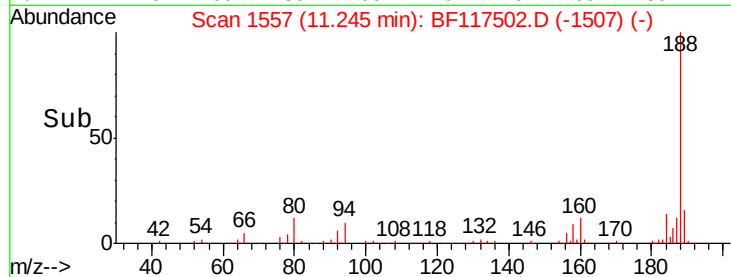
100000

50000

0

11.20 11.25 11.30 11.40

Time-->



#75

Fluoranthene

Concen: 2.024 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF117502.D

Acq: 23 Oct 2019 23:50

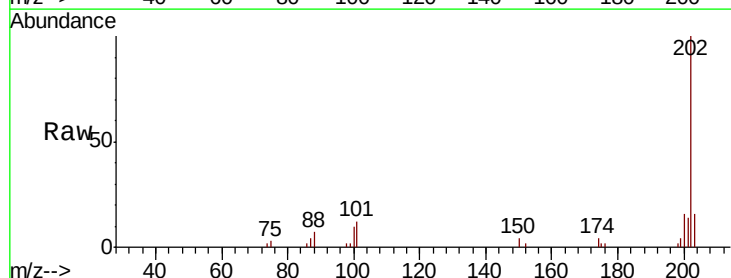
Tgt Ion:202 Resp: 17900

Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.7

203 16.4 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

25000

20000

15000

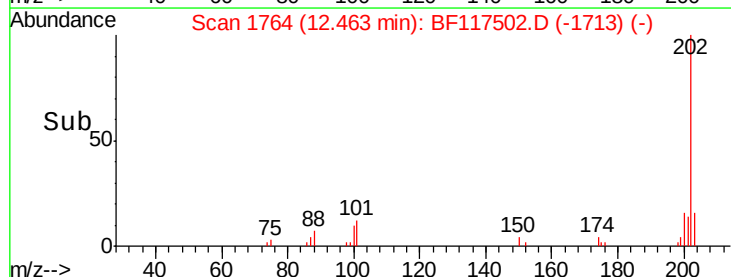
10000

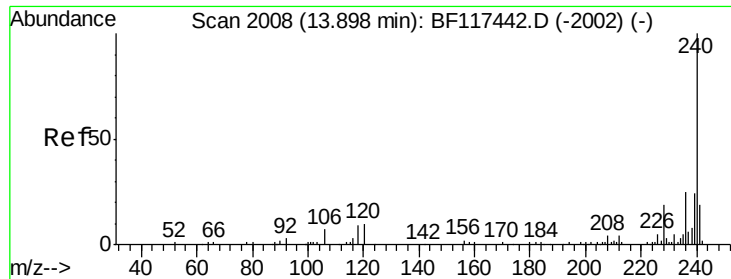
5000

0

12.45 12.46 12.50

Time-->

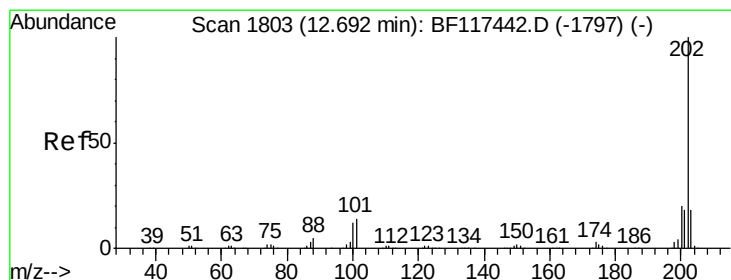
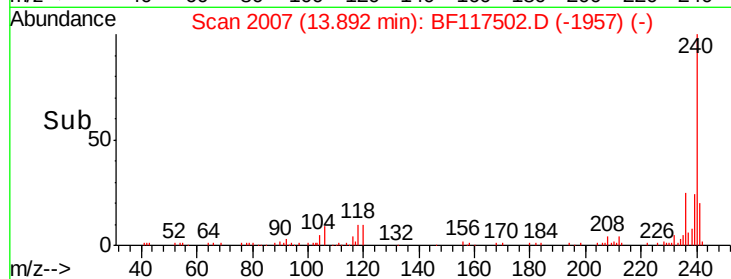
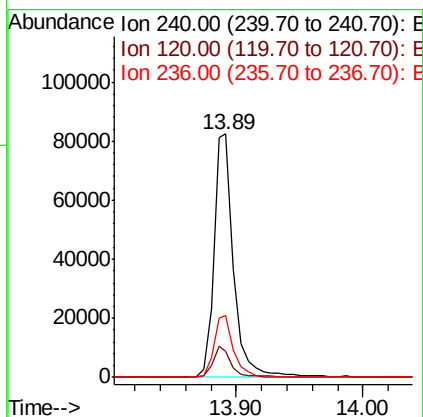
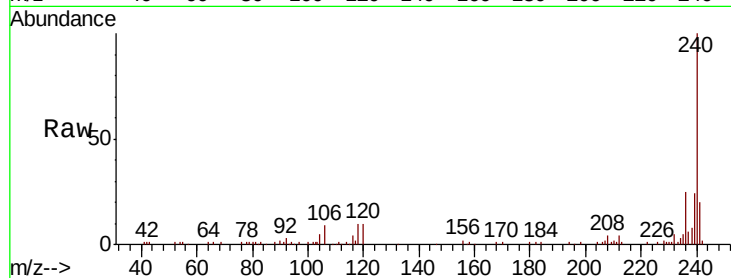




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

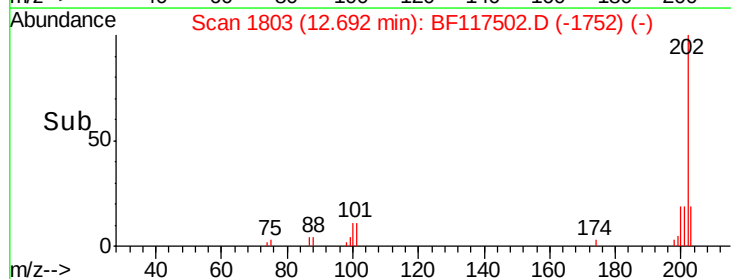
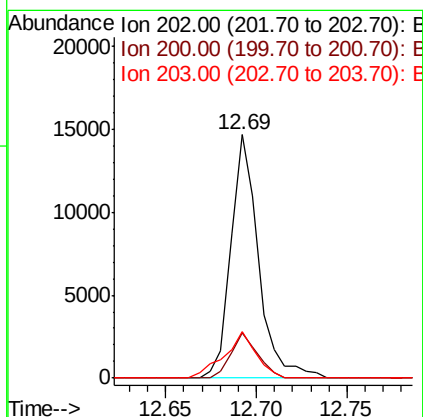
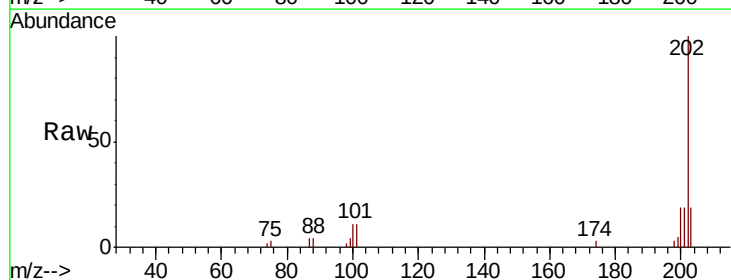
Instrument :
BNA_F
ClientSampled :
169-32-(0-1)

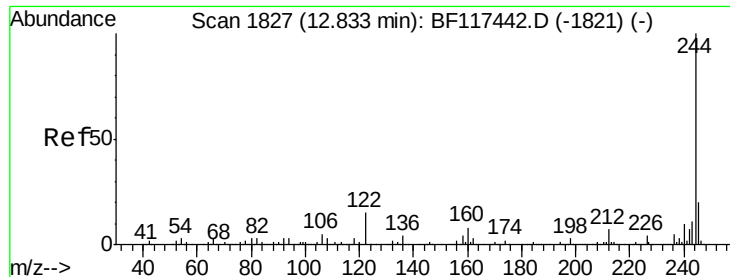
Tot Ion:240 Resp: 89683
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 25.5 20.0 30.0



#78
Pyrene
Concen: 2.022 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Tgt Ion:202 Resp: 15576
Ion Ratio Lower Upper
202 100
200 18.8 16.2 24.2
203 19.0 14.0 21.0





#79

Terphenyl-d14

Concen: 62.669 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF117502.D

Acq: 23 Oct 2019 23:50

Instrument :

BNA_F

ClientSampleId :

169-32-(0-1)

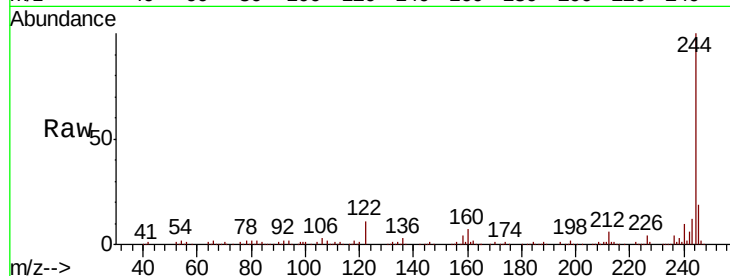
Tot Ion:244 Resp: 344570

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

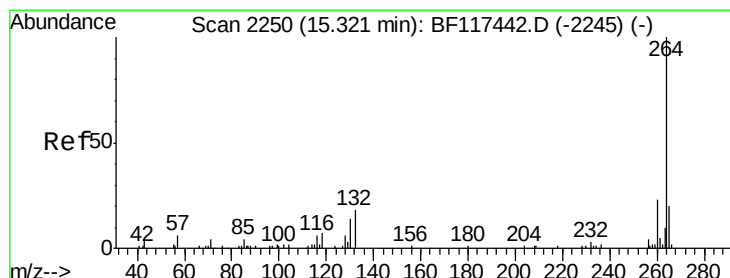
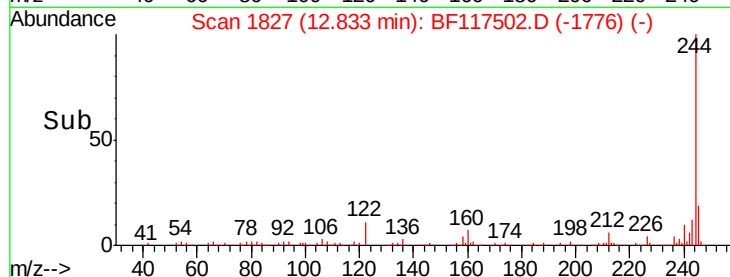
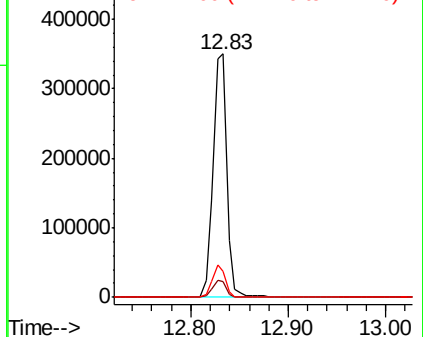
122 10.7 11.8 17.8#



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: 15.32 min Scan# 2250

Delta R.T. 0.00 min

Lab File: BF117502.D

Acq: 23 Oct 2019 23:50

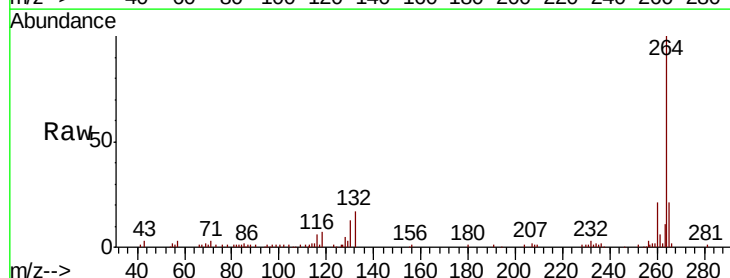
Tgt Ion:264 Resp: 97701

Ion Ratio Lower Upper

264 100

260 21.0 18.4 27.6

265 21.1 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

