

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
 Data File : BF118343.D
 Acq On : 27 Dec 2019 17:43
 Operator : JU
 Sample : K6435-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3E-(09.5-11.5)

Quant Time: Dec 28 01:42:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

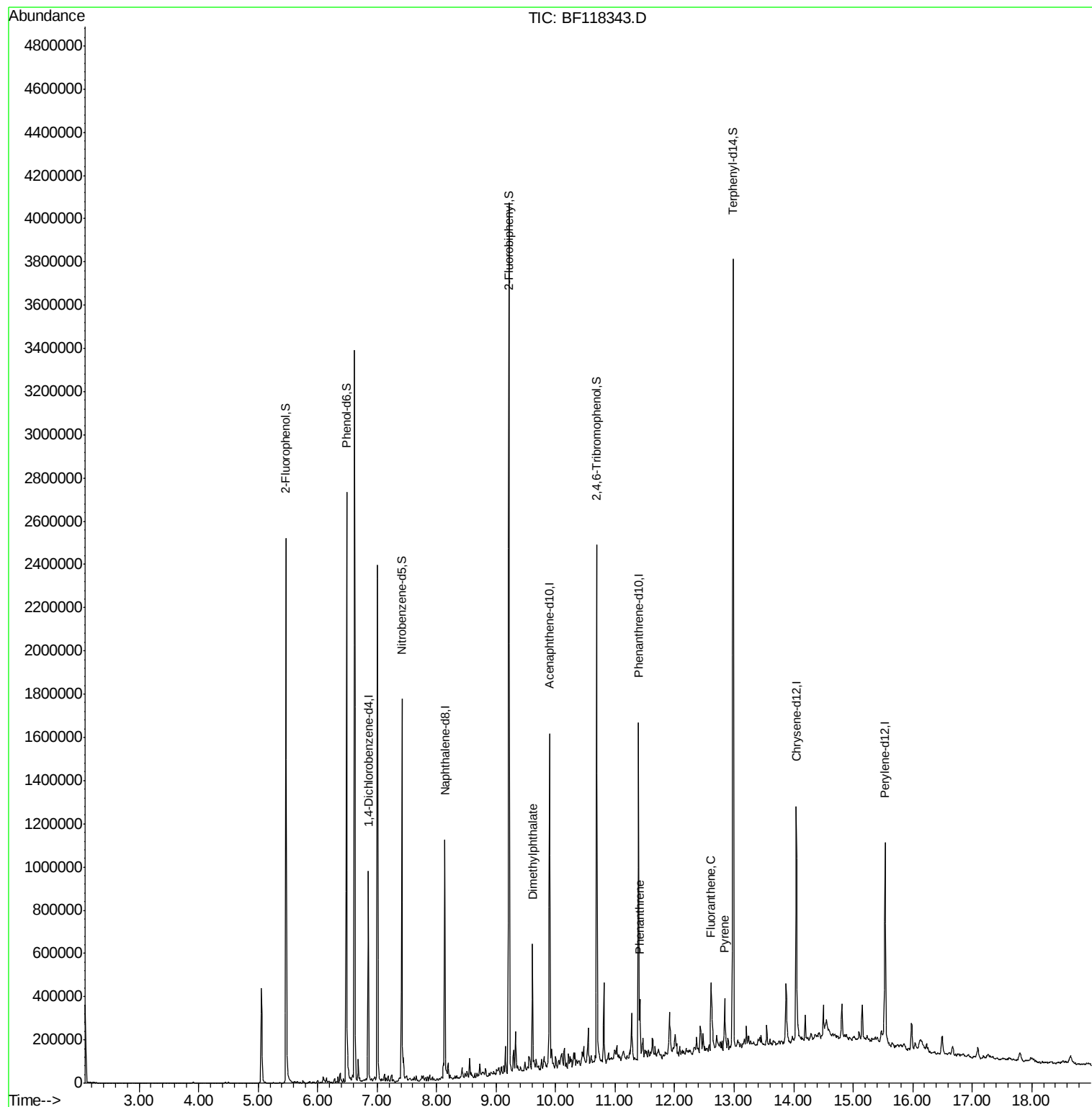
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142131	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	557659	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	296103	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	539146	20.00	ng	0.00
76) Chrysene-d12	14.04	240	345335	20.00	ng	0.00
87) Perylene-d12	15.54	264	361734	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	716975	86.11	ng	0.00
7) Phenol-d6	6.49	99	950707	92.04	ng	0.00
23) Nitrobenzene-d5	7.42	82	571585	58.62	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	297350	81.32	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1184496	61.06	ng	0.00
79) Terphenyl-d14	12.98	244	1303294	62.61	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.61	163	158274	7.121	ng	99
71) Phenanthrene	11.42	178	90370	3.075	ng	98
75) Fluoranthene	12.61	202	106575	3.593	ng	98
78) Pyrene	12.84	202	85874	3.045	ng	96

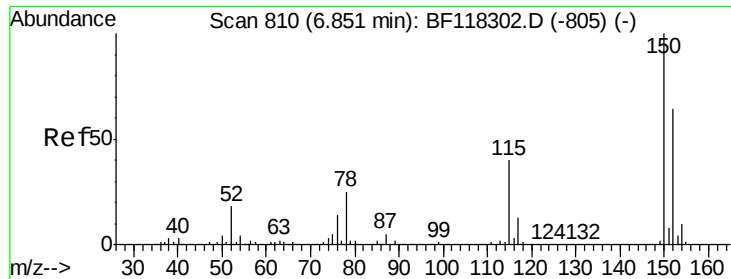
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SB-3E-(09.5-11.5)

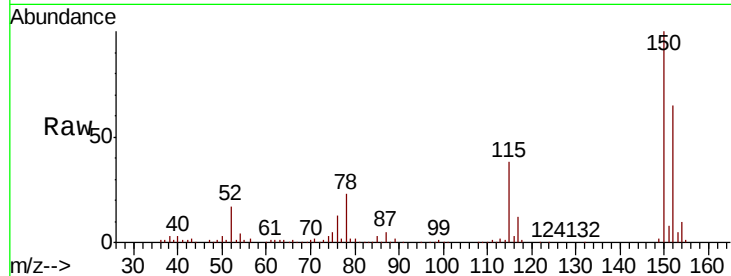
Tot Ion:152 Resp: 142131

Ion Ratio Lower Upper

152 100

150 154.6 125.4 188.2

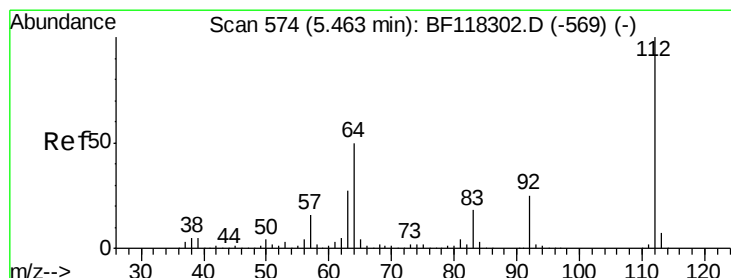
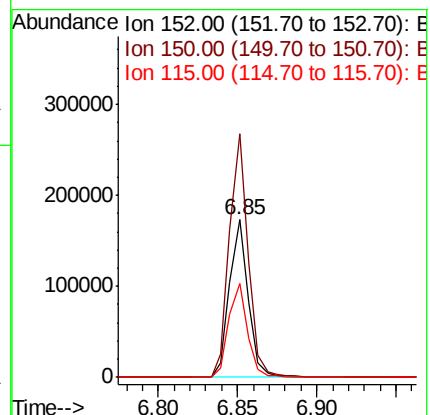
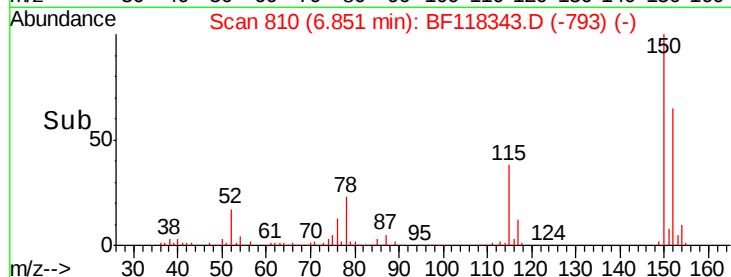
115 59.2 50.2 75.4



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: 86.108 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

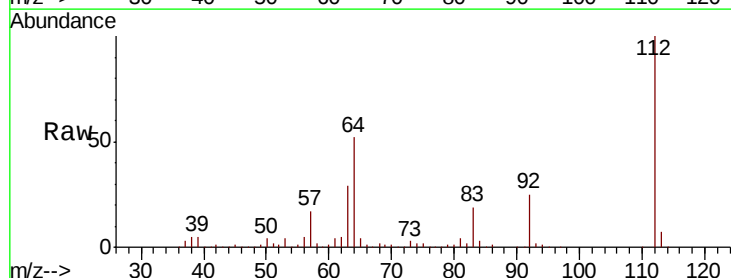
Tgt Ion:112 Resp: 716975

Ion Ratio Lower Upper

112 100

64 52.1 39.7 59.5

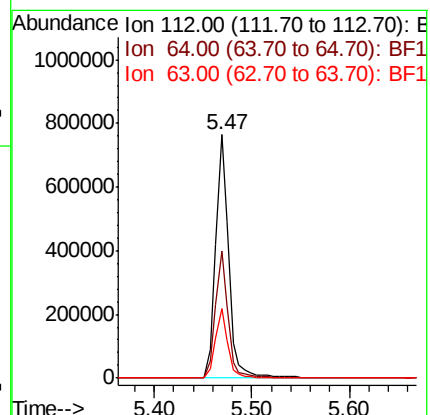
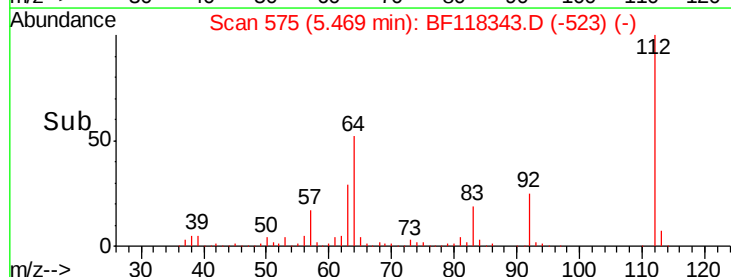
63 28.8 21.7 32.5

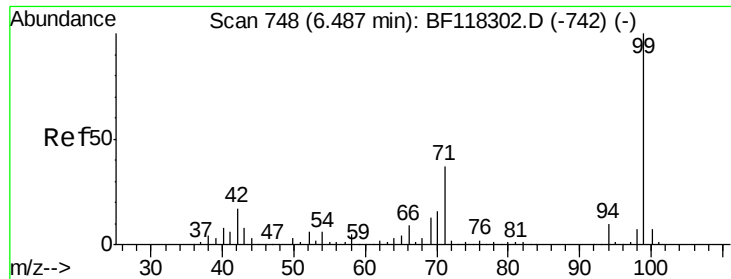


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 92.041 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SB-3E-(09.5-11.5)

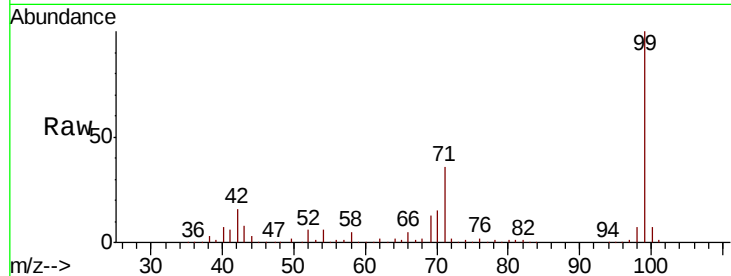
Tot Ion: 99 Resp: 950707

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

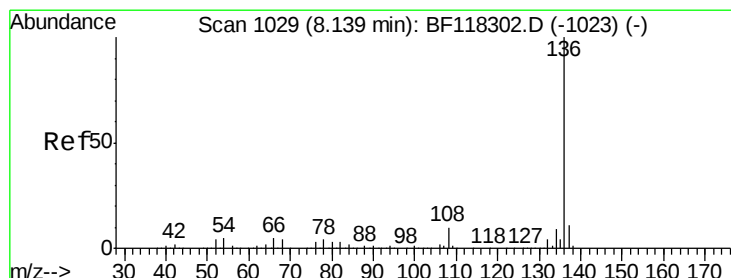
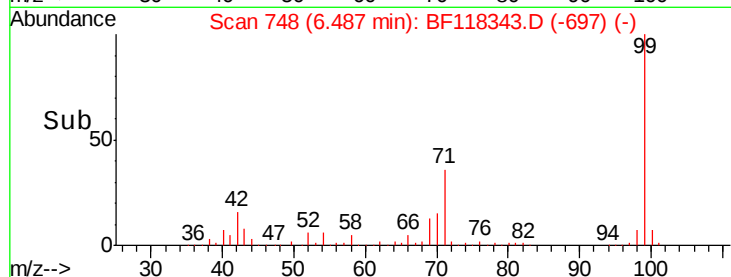
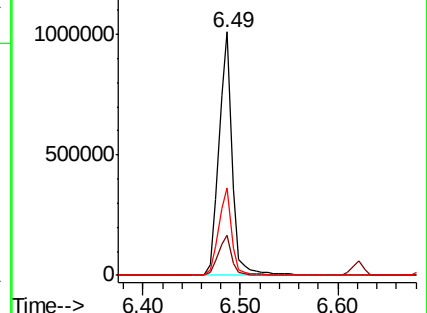
71 36.0 29.4 44.2



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: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

Tgt Ion: 136 Resp: 557659

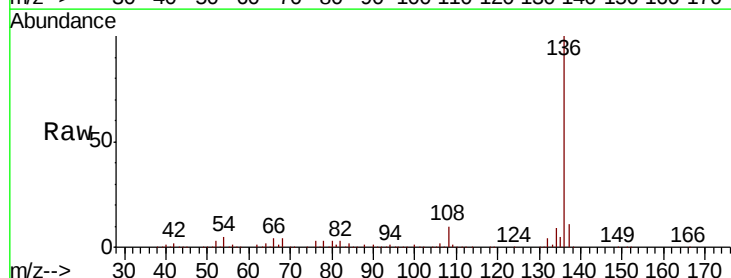
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.1 4.2 6.4

68 4.0 3.5 5.3

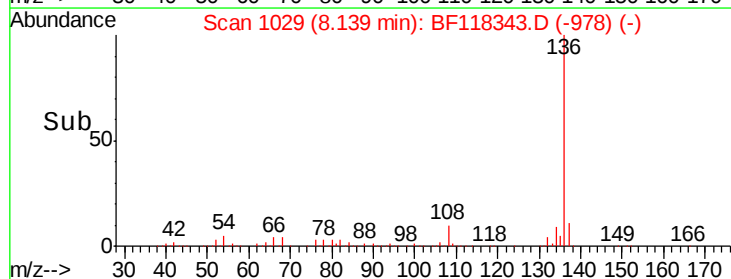
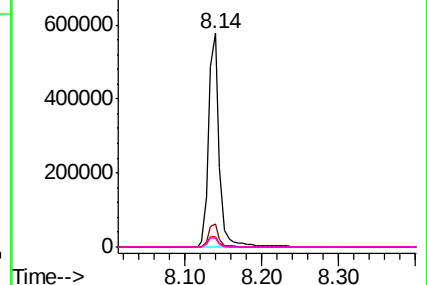


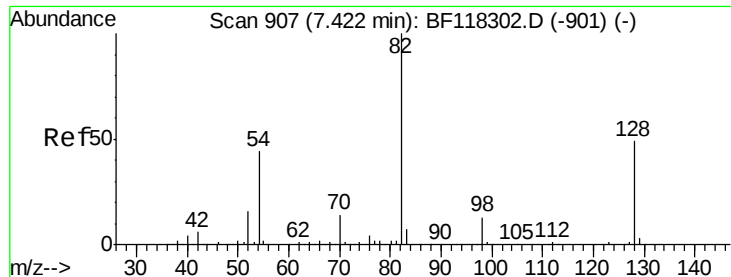
Abundance Ion 136.00 (135.70 to 136.70): E

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

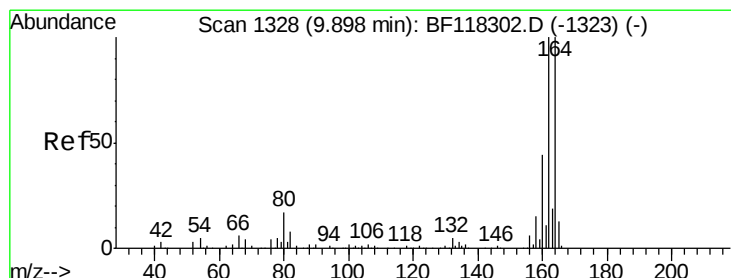
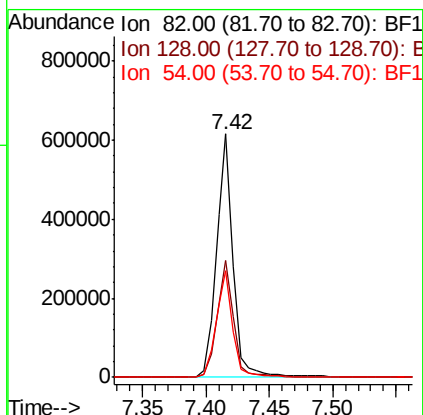
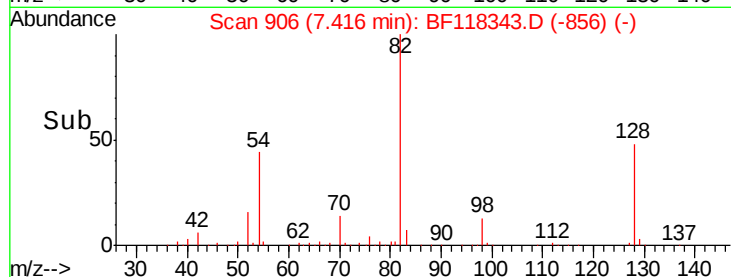
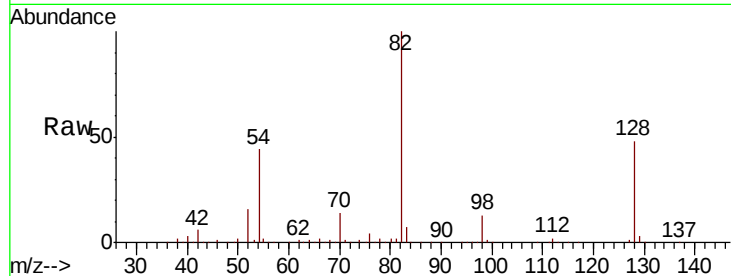




#23
 Nitrobenzene-d5
 Concen: 58.623 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118343.D
 Acq: 27 Dec 2019 17:43

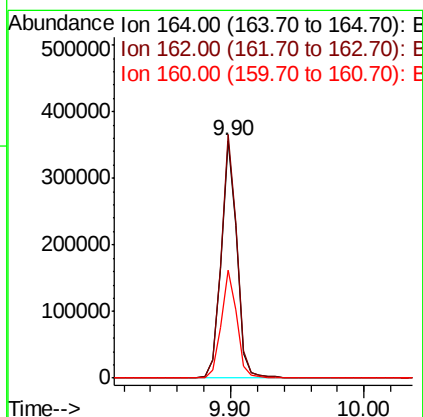
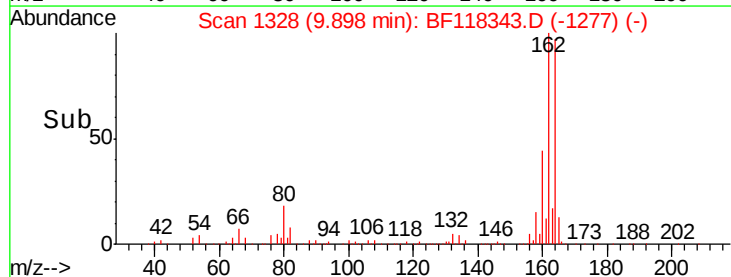
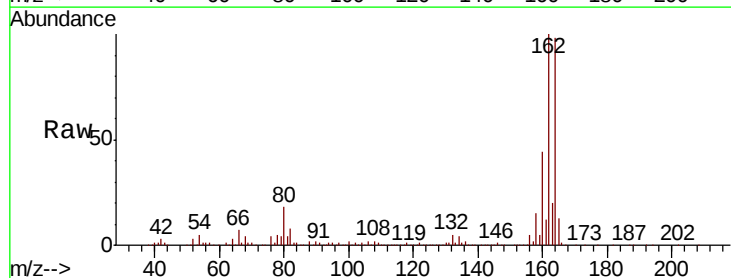
Instrument :
 BNA_F
 ClientSampleId :
 SB-3E-(09.5-11.5)

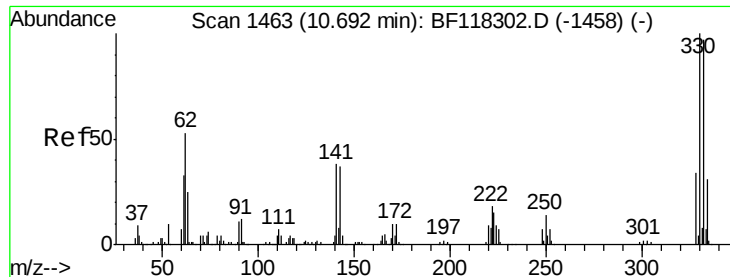
Tot Ion	82	Resp	571585
Ion Ratio	Lower	Upper	
82	100		
128	48.0	39.6	59.4
54	43.7	34.9	52.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BF118343.D
 Acq: 27 Dec 2019 17:43

Tgt Ion	164	Resp	296103
Ion Ratio	Lower	Upper	
164	100		
162	102.5	80.0	120.0
160	45.4	34.8	52.2

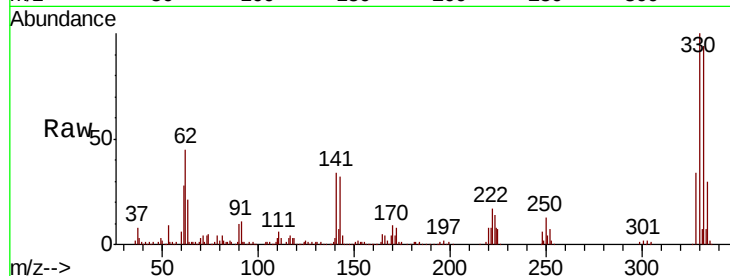




#42
 2,4,6-Tribromophenol
 Concen: 81.317 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF118343.D
 Acq: 27 Dec 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-3E-(09.5-11.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.6	114.8
141	32.6	26.0	39.0

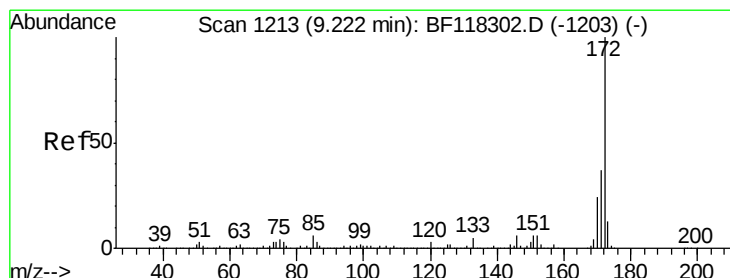
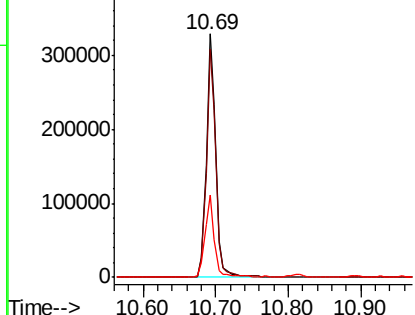
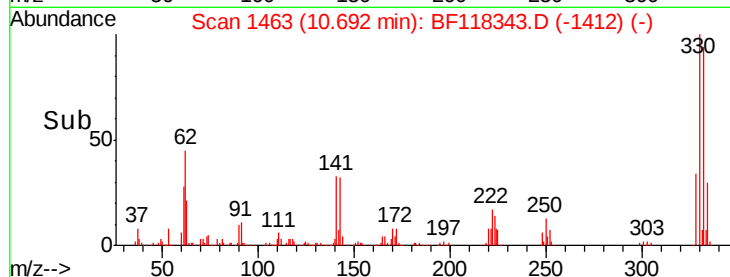


Abundance

Ion 329.80 (329.50 to 330.50): E

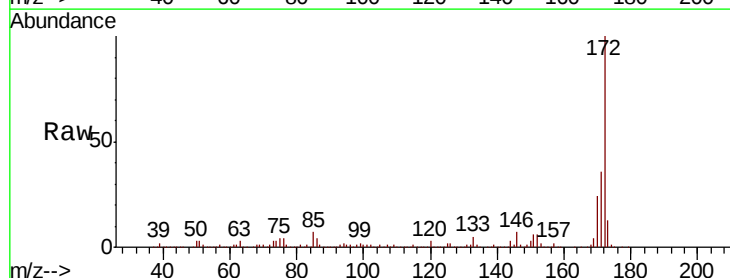
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 61.063 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118343.D
 Acq: 27 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.3	43.9
170	23.5	19.2	28.8

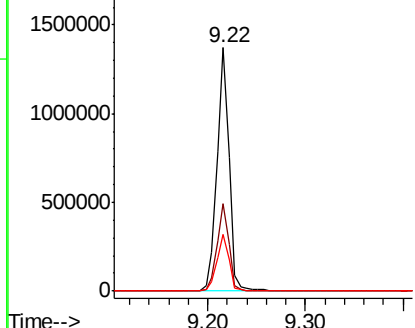
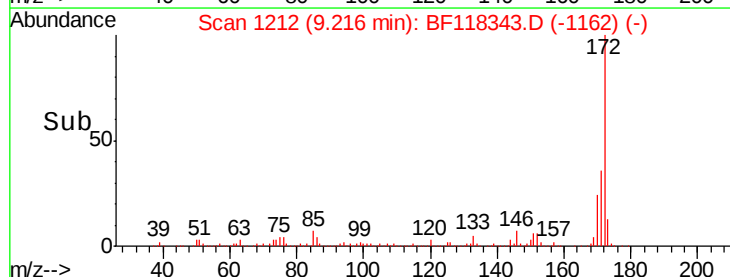


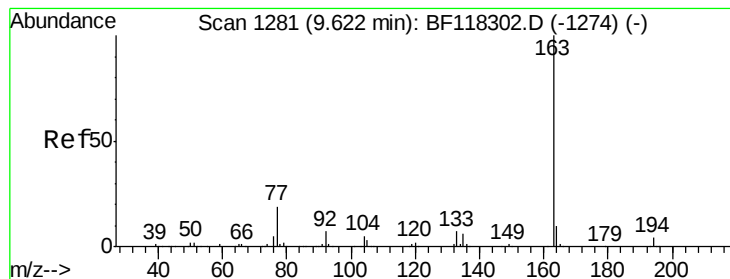
Abundance

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: 7.121 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SB-3E-(09.5-11.5)

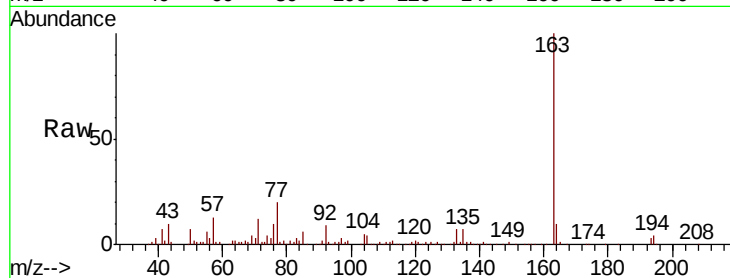
Tot Ion:163 Resp: 158274

Ion Ratio Lower Upper

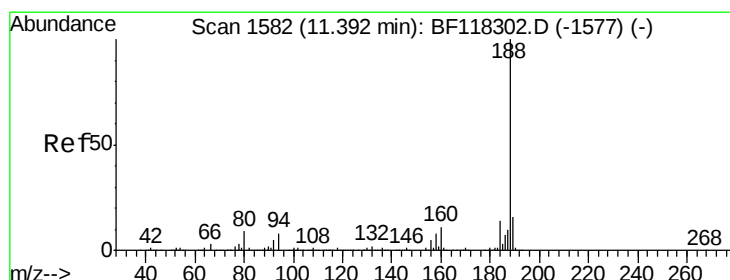
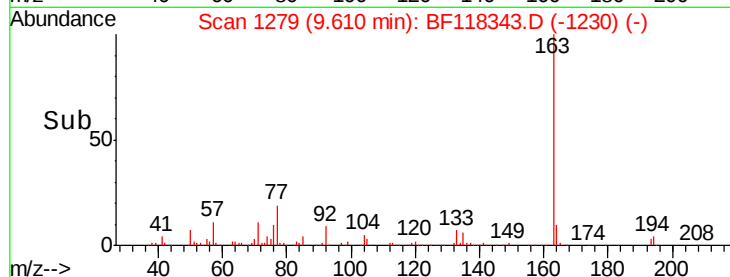
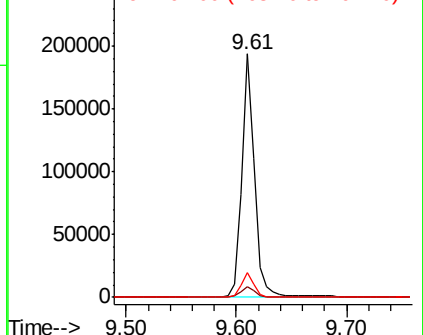
163 100

194 4.2 3.2 4.8

164 10.3 7.9 11.9



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: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

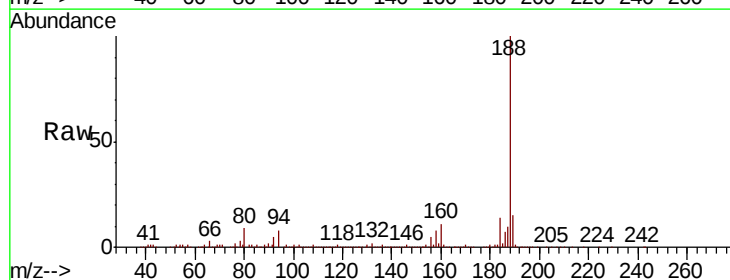
Tgt Ion:188 Resp: 539146

Ion Ratio Lower Upper

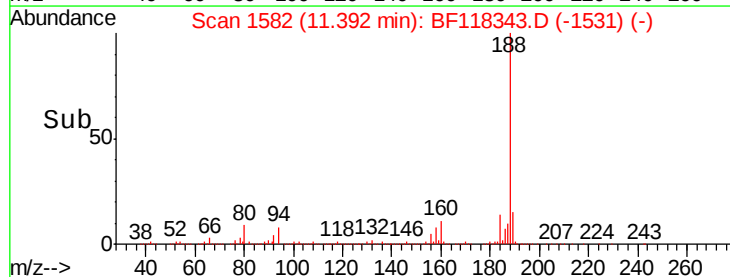
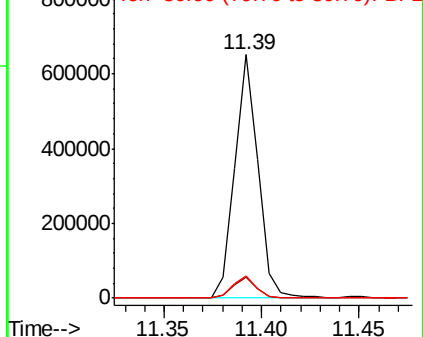
188 100

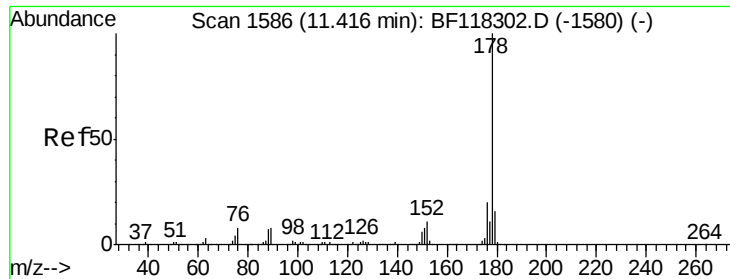
94 8.4 6.7 10.1

80 8.9 7.2 10.8



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





#71

Phenanthrene

Concen: 3.075 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

Instrument :

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ClientSampleId :

SB-3E-(09.5-11.5)

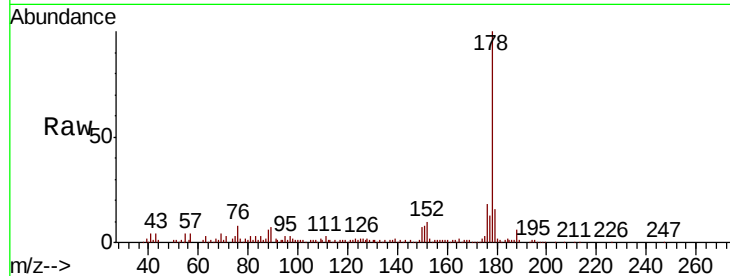
Tot Ion:178 Resp: 90370

Ion Ratio Lower Upper

178 100

176 18.4 15.6 23.4

179 15.6 12.6 19.0

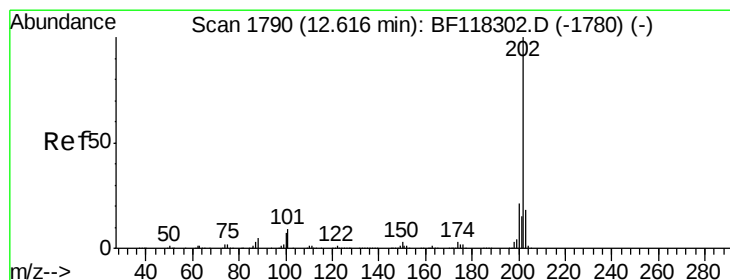
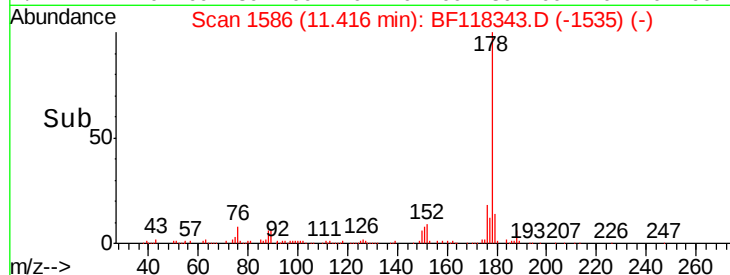
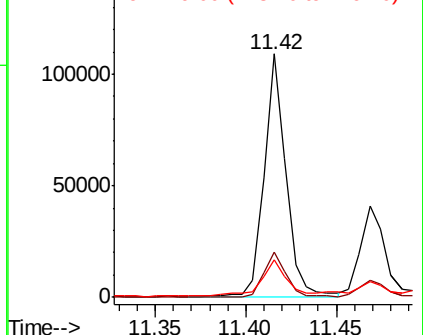


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 3.593 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

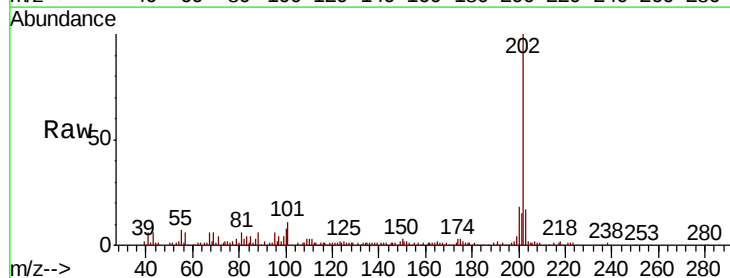
Tgt Ion:202 Resp: 106575

Ion Ratio Lower Upper

202 100

101 10.9 0.0 29.5

203 17.0 0.0 37.6

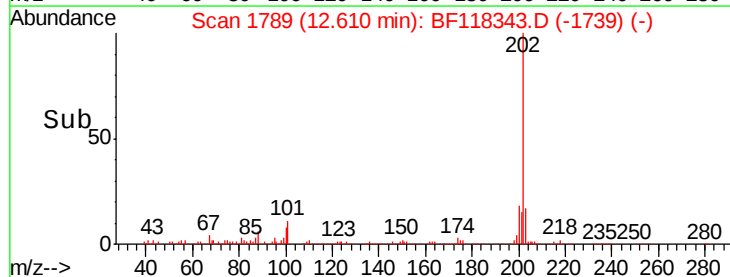
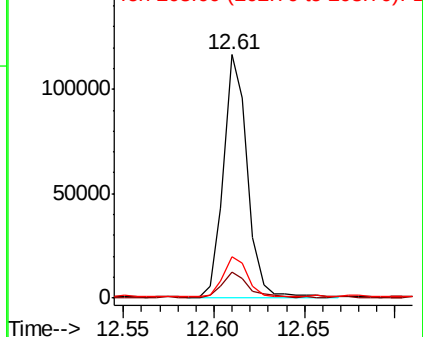


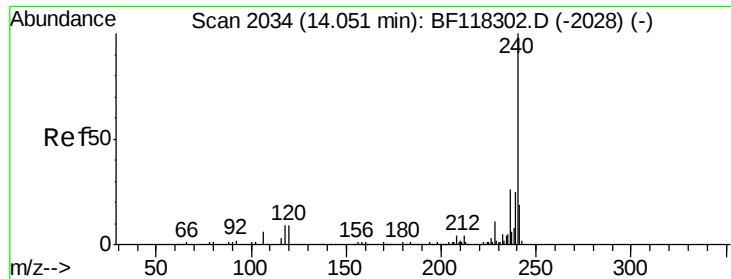
Abundance

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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF118343.D

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Instrument :

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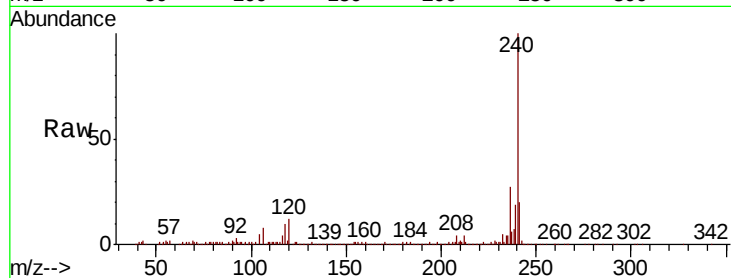
Tot Ion:240 Resp: 345335

Ion Ratio Lower Upper

240 100

120 11.9 7.1 10.7#

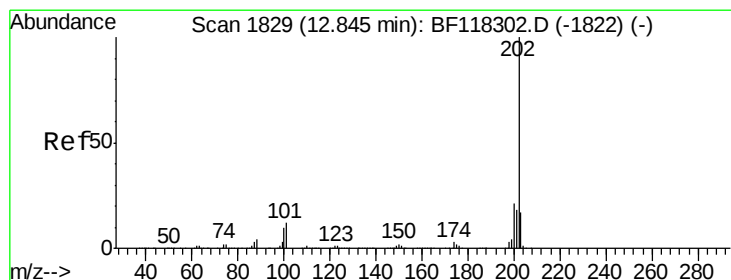
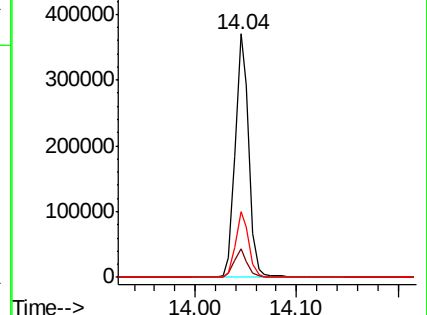
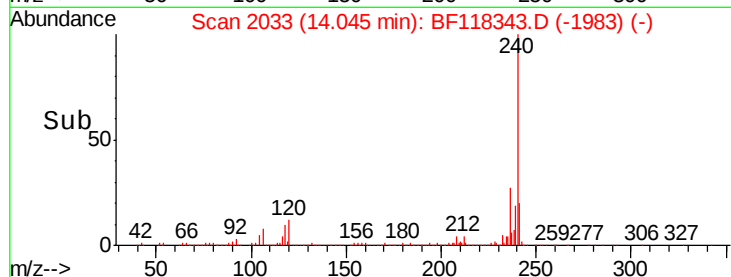
236 26.7 21.0 31.6



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



#78

Pyrene

Concen: 3.045 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

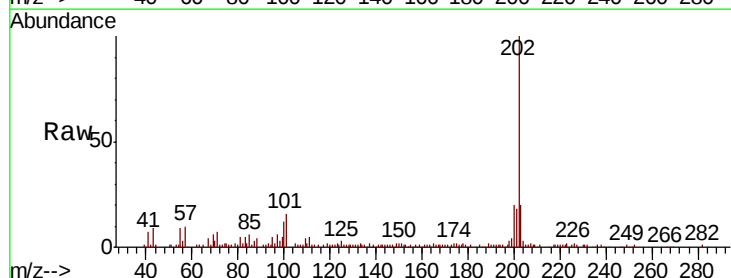
Tgt Ion:202 Resp: 85874

Ion Ratio Lower Upper

202 100

200 19.9 16.8 25.2

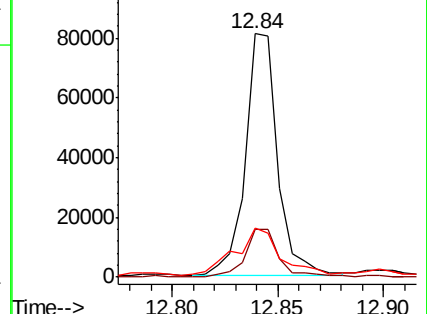
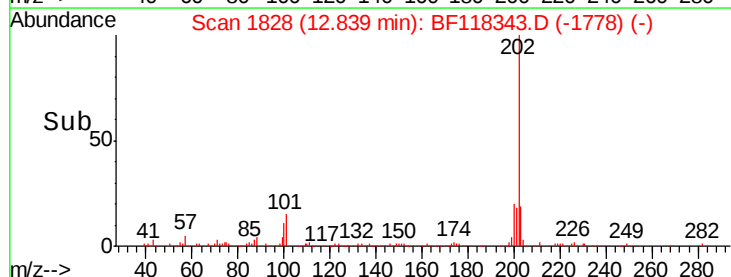
203 20.0 13.9 20.9

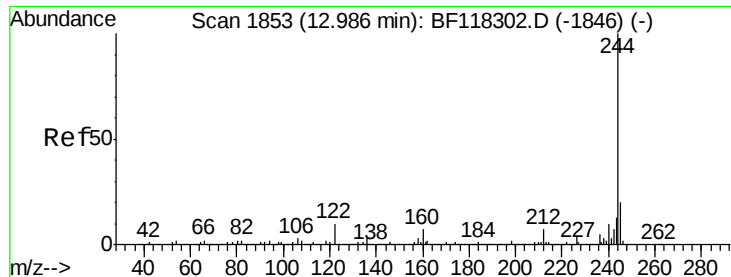


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.612 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SB-3E-(09.5-11.5)

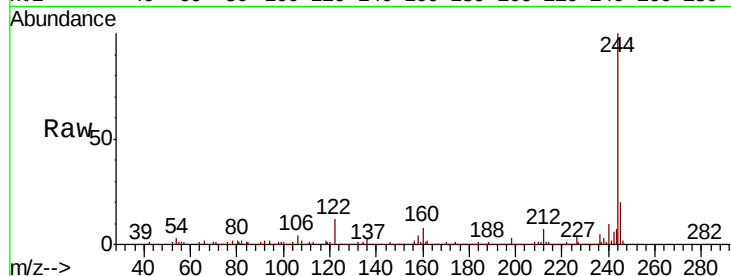
Tot Ion:244 Resp: 1303294

Ion Ratio Lower Upper

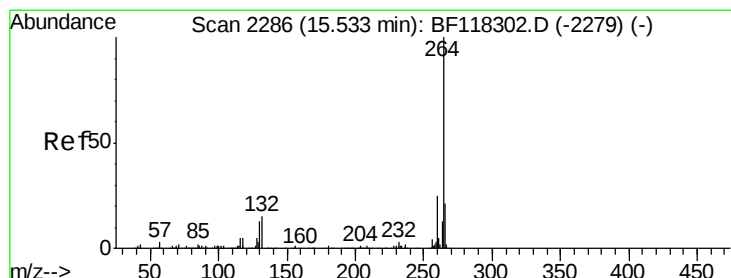
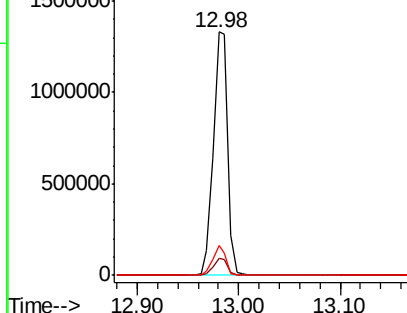
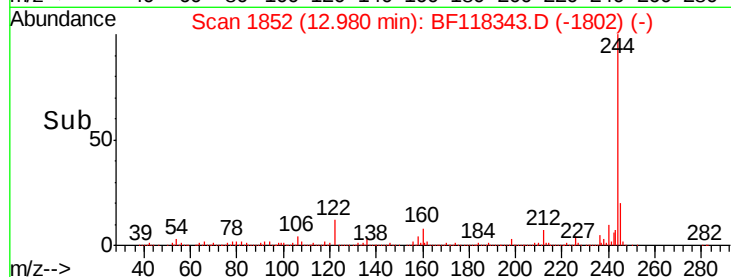
244 100

212 7.0 5.4 8.2

122 12.3 7.8 11.8#



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: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

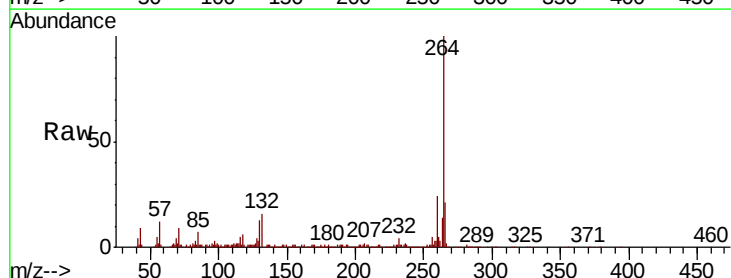
Tgt Ion:264 Resp: 361734

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.6

265 21.1 17.0 25.4



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

