

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032919\
 Data File : BF113435.D
 Acq On : 30 Mar 2019 1:37
 Operator : JU/SJ
 Sample : K2153-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-5

Quant Time: Mar 30 03:38:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

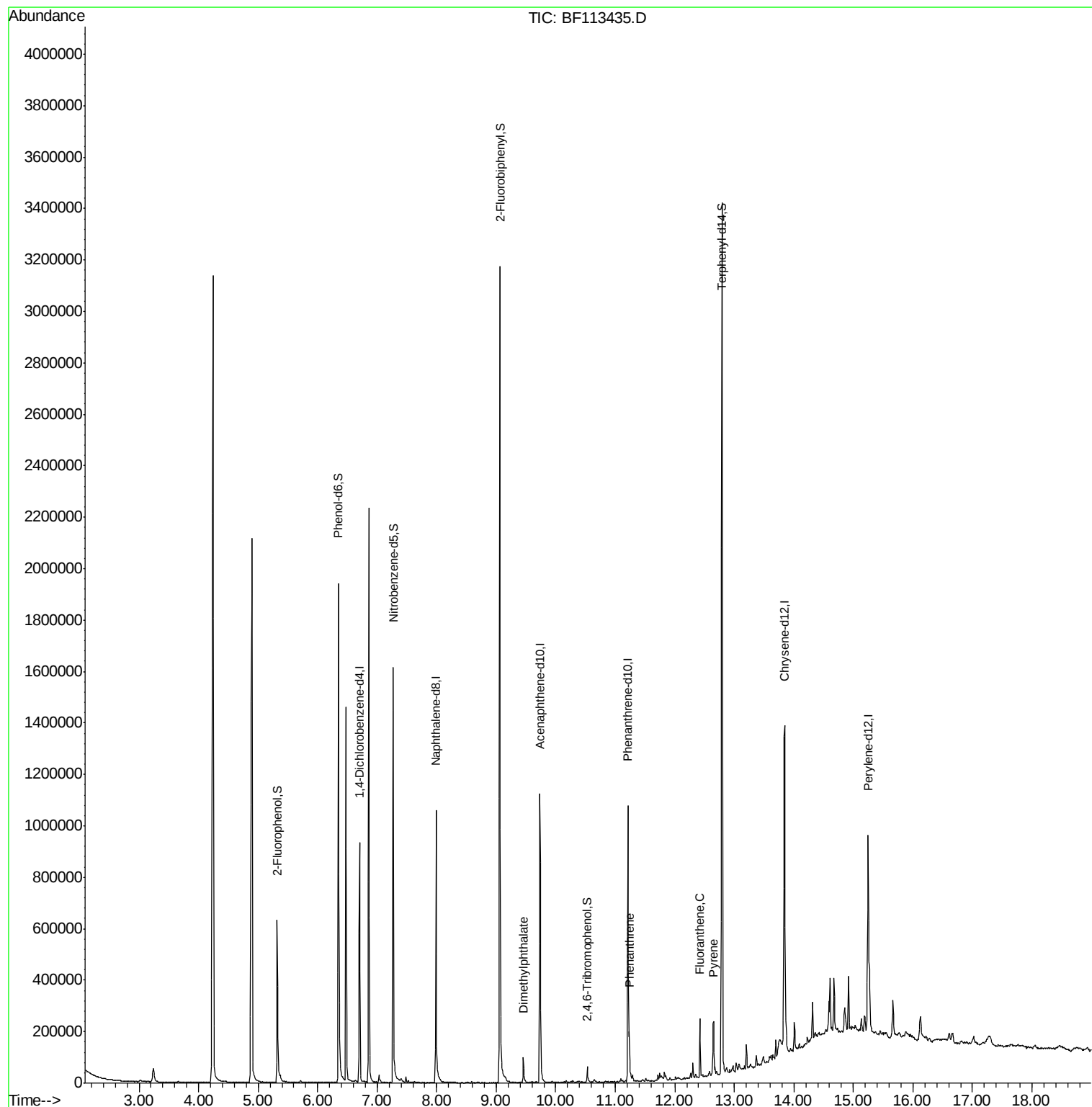
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	137694	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	522217	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	250722	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	487142	20.00	ng	0.00
76) Chrysene-d12	13.85	240	489060	20.00	ng	0.00
87) Perylene-d12	15.24	264	389102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	220514	26.19	ng	0.00
7) Phenol-d6	6.35	99	742129	69.66	ng	0.00
23) Nitrobenzene-d5	7.27	82	601380	68.35	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	12539	4.05	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1177444	70.62	ng	0.00
79) Terphenyl-d14	12.79	244	1298713	58.53	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.46	163	57815	3.112	ng	98
71) Phenanthrene	11.24	178	58589	2.422	ng	97
75) Fluoranthene	12.42	202	97474	3.564	ng	98
78) Pyrene	12.65	202	101931	3.008	ng	96

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

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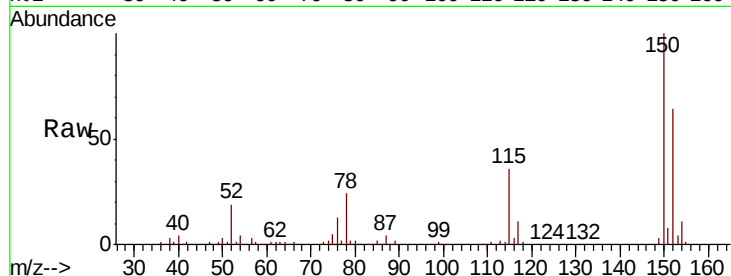


#1

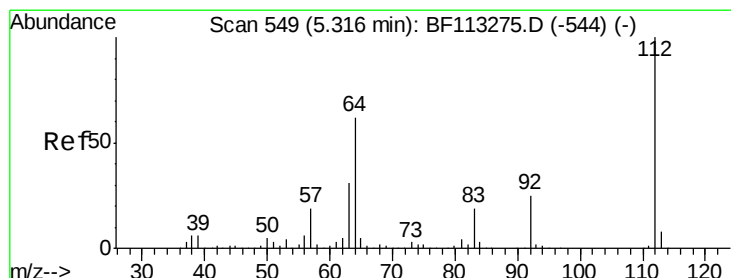
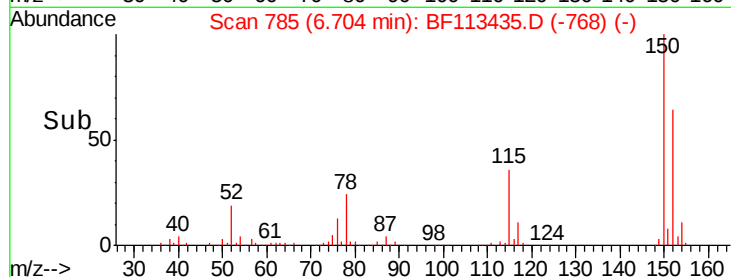
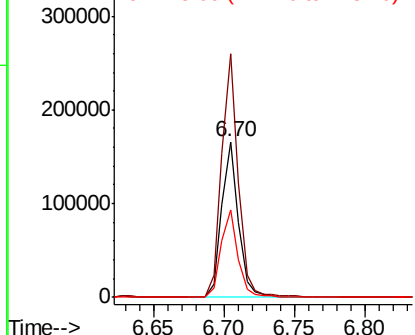
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF113435.D
 Acq: 30 Mar 2019 1:37

Instrument :
 BNA_F
 ClientSampleId :
 CONC-5

Tot Ion:152 Resp: 137694
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.7 187.1
 115 56.4 46.0 69.0



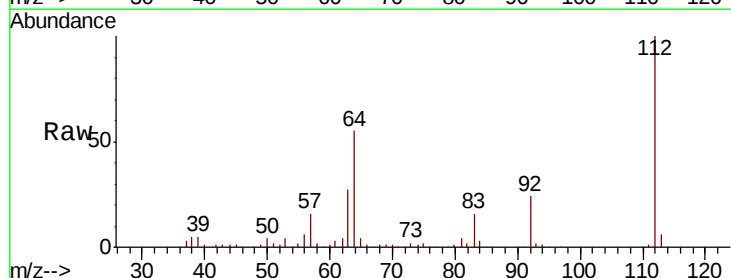
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



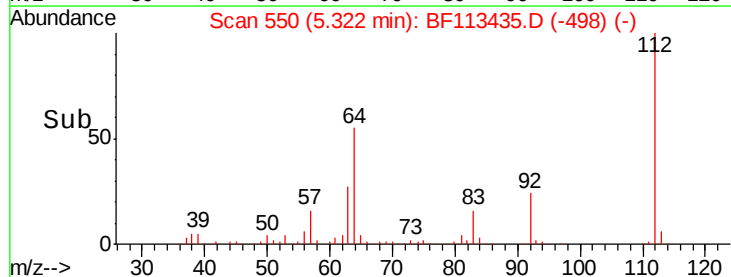
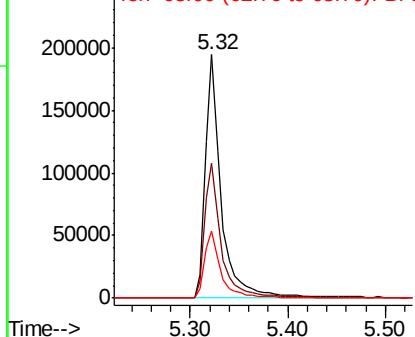
#5

2-Fluorophenol
 Concen: 26.186 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF113435.D
 Acq: 30 Mar 2019 1:37

Tgt Ion:112 Resp: 220514
 Ion Ratio Lower Upper
 112 100
 64 55.5 49.2 73.8
 63 27.4 24.9 37.3



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: 69.663 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113435.D

Acq: 30 Mar 2019 1:37

Instrument :

BNA_F

ClientSampleId :

CONC-5

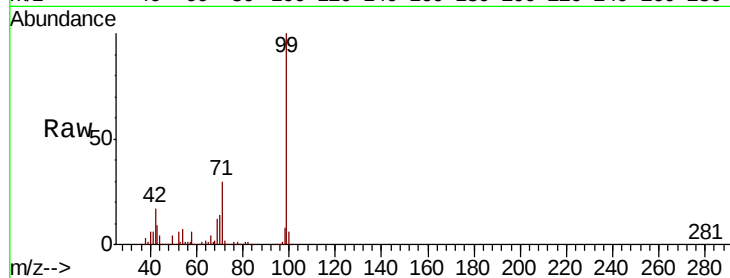
Tot Ion: 99 Resp: 742129

Ion Ratio Lower Upper

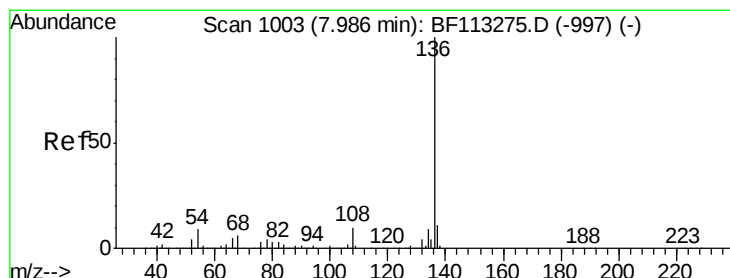
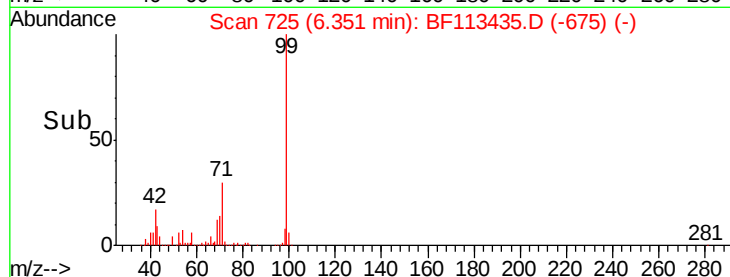
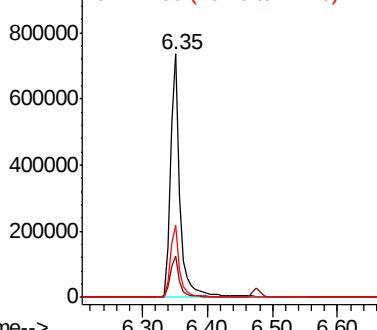
99 100

42 17.1 14.8 22.2

71 29.8 24.9 37.3



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: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF113435.D

Acq: 30 Mar 2019 1:37

Tgt Ion: 136 Resp: 522217

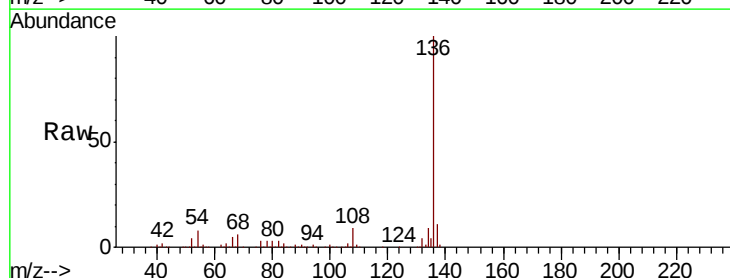
Ion Ratio Lower Upper

136 100

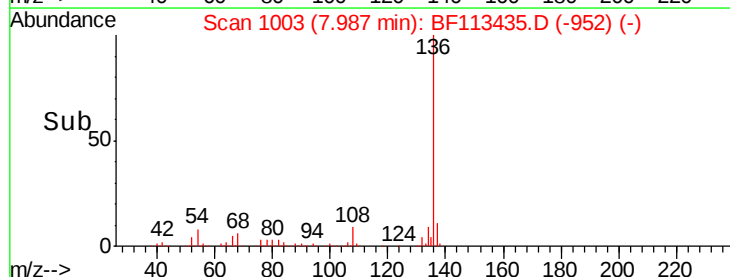
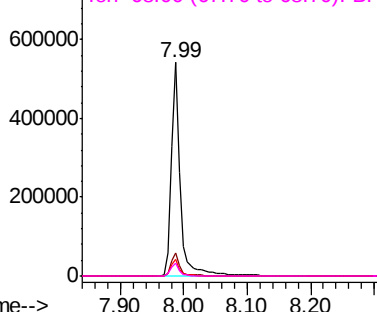
137 10.8 8.9 13.3

54 7.8 7.0 10.6

68 6.0 4.8 7.2



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

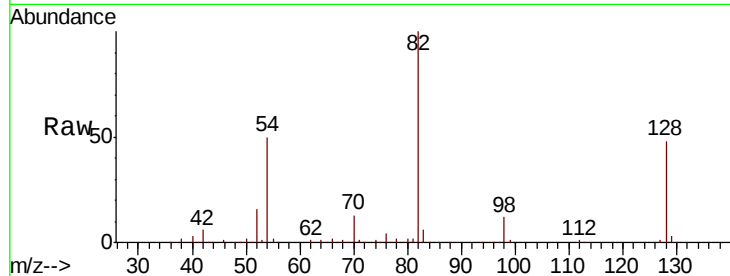




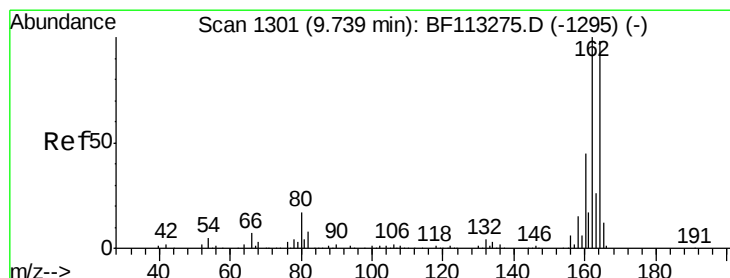
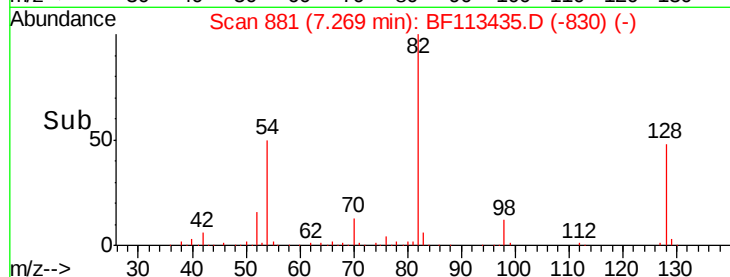
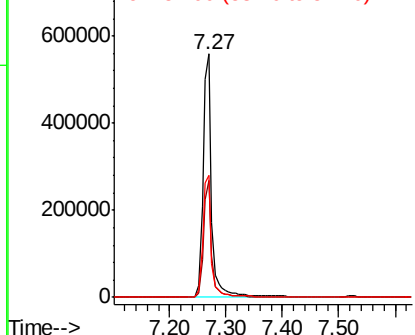
#23
 Nitrobenzene-d5
 Concen: 68.352 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113435.D
 Acq: 30 Mar 2019 1:37

Instrument :
 BNA_F
 ClientSampleId :
 CONC-5

Tot Ion: 82 Resp: 601380
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.5 54.7
 54 49.9 42.2 63.2

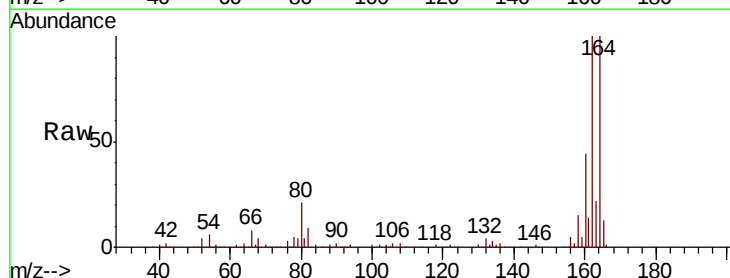


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

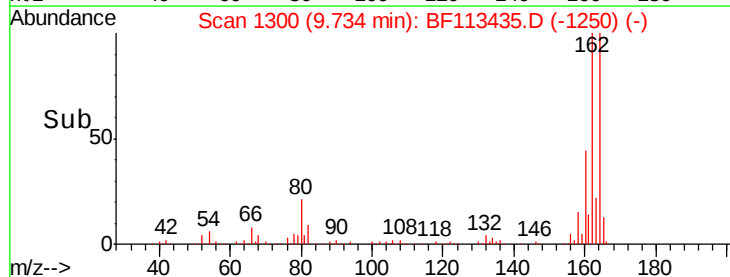
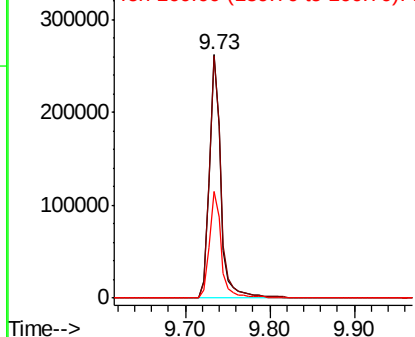


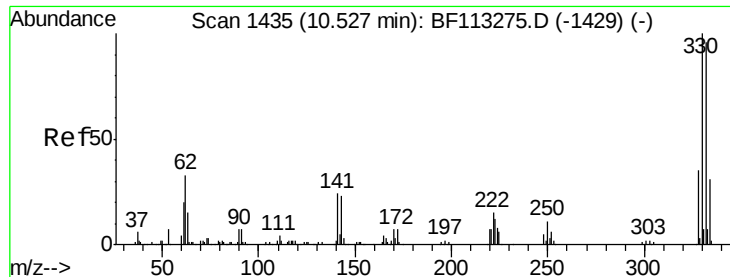
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113435.D
 Acq: 30 Mar 2019 1:37

Tgt Ion:164 Resp: 250722
 Ion Ratio Lower Upper
 164 100
 162 99.6 81.8 122.6
 160 43.6 36.4 54.6



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

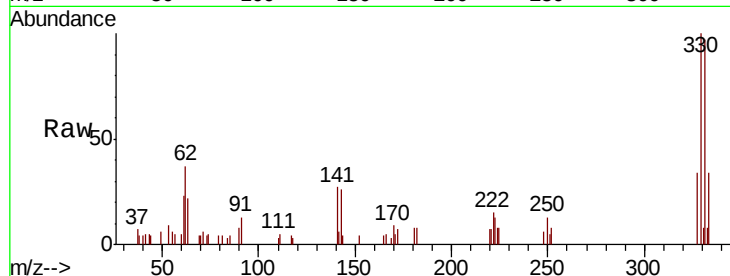




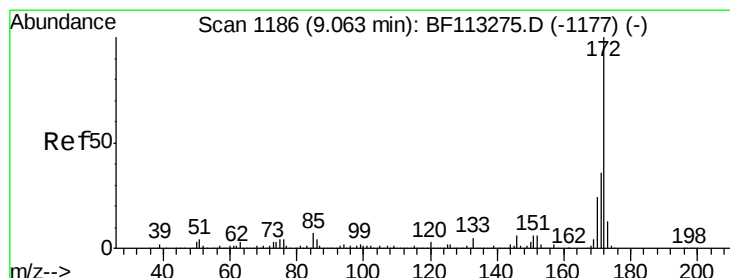
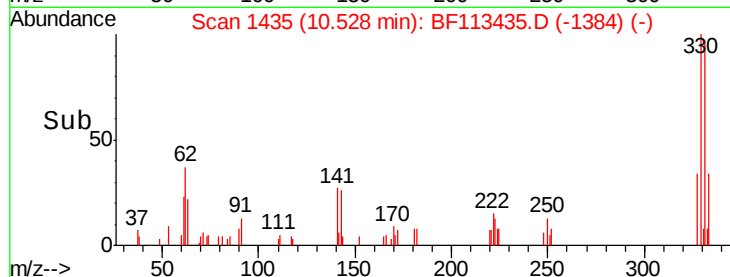
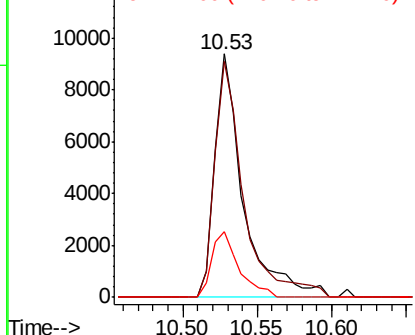
#42
 2,4,6-Tribromophenol
 Concen: 4.049 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113435.D
 Acq: 30 Mar 2019 1:37

Instrument :
 BNA_F
 ClientSampleId :
 CONC-5

Tot Ion:330 Resp: 12539
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.8 116.6
 141 25.7 22.7 34.1

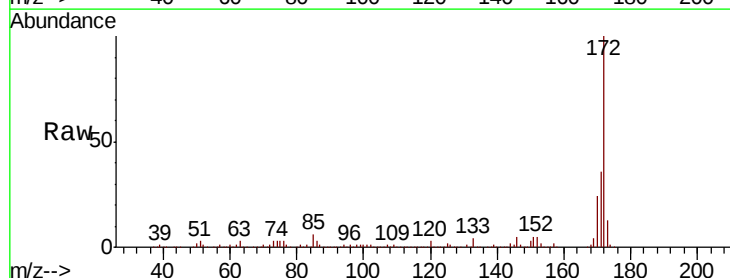


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

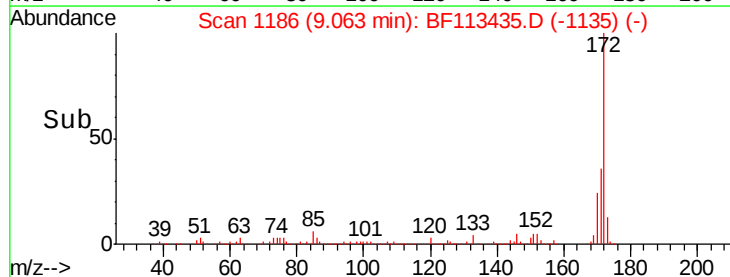
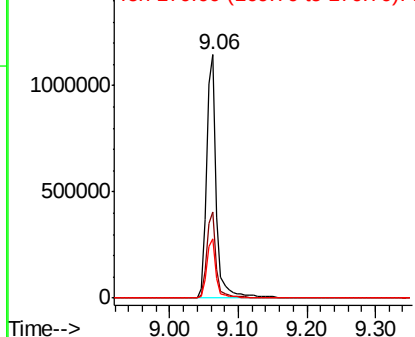


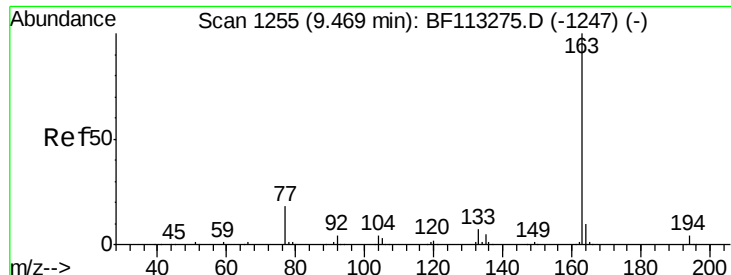
#45
 2-Fluorobiphenyl
 Concen: 70.623 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113435.D
 Acq: 30 Mar 2019 1:37

Tgt Ion:172 Resp: 1177444
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 24.2 19.5 29.3



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: 3.112 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF113435.D

Acq: 30 Mar 2019 1:37

Instrument :

BNA_F

ClientSampleId :

CONC-5

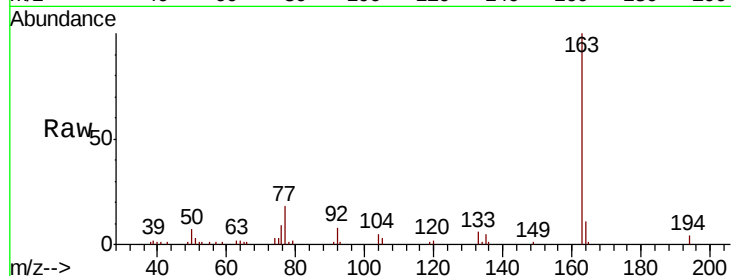
Tot Ion:163 Resp: 57815

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

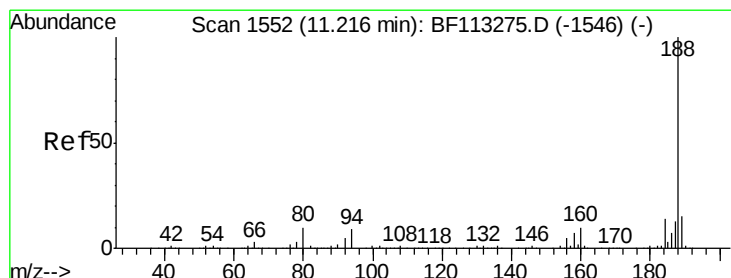
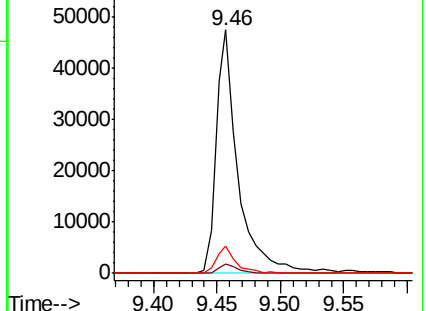
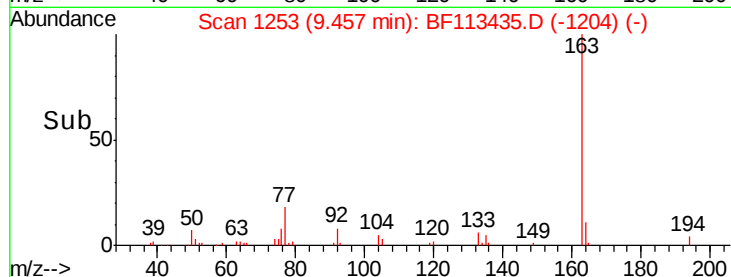
164 11.3 8.1 12.1



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: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF113435.D

Acq: 30 Mar 2019 1:37

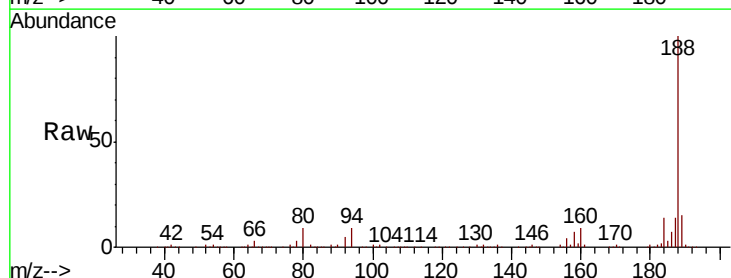
Tgt Ion:188 Resp: 487142

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

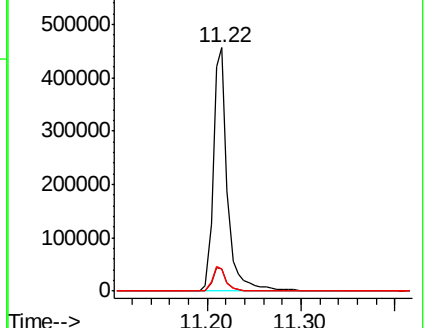
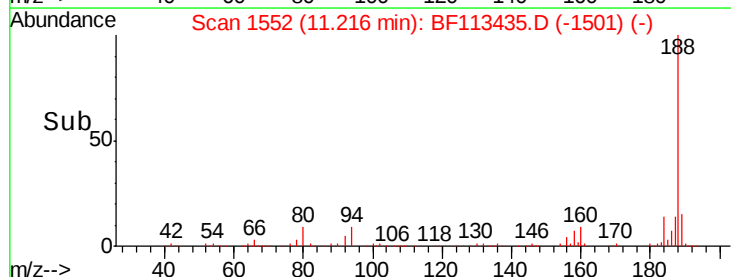
80 9.1 7.7 11.5

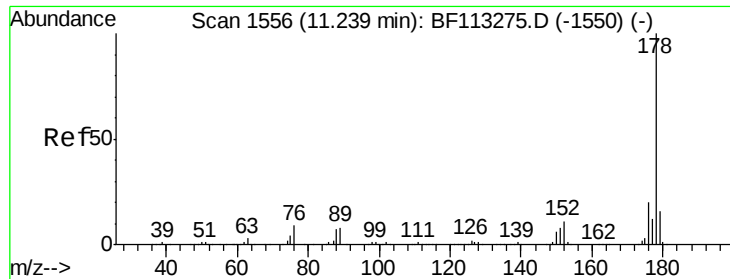


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

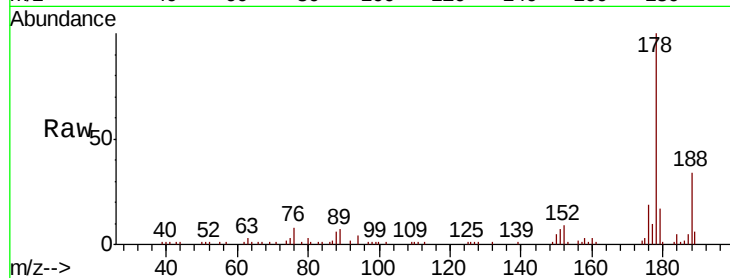




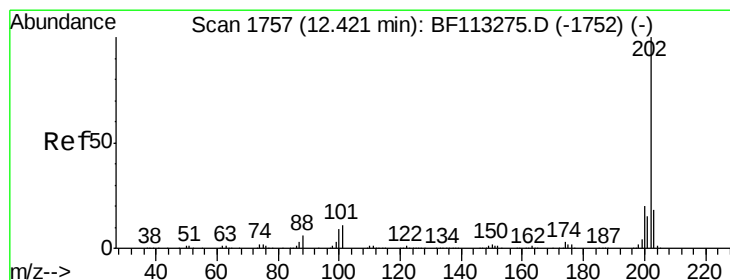
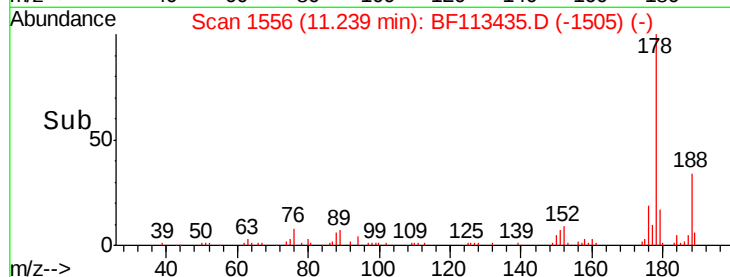
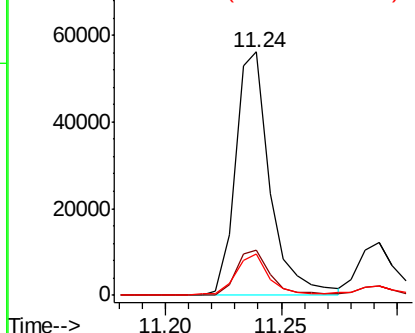
#71
Phenanthrene
Concen: 2.422 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF113435.D
Acq: 30 Mar 2019 1:37

Instrument :
BNA_F
ClientSampleId :
CONC-5

Tot Ion:178 Resp: 58589
Ion Ratio Lower Upper
178 100
176 18.5 16.2 24.2
179 16.8 12.7 19.1

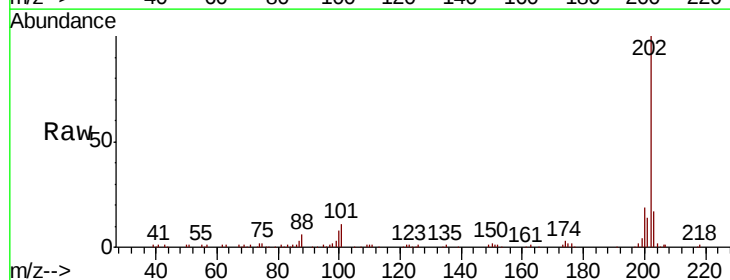


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

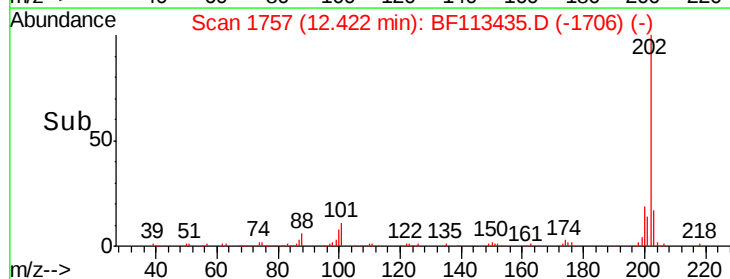
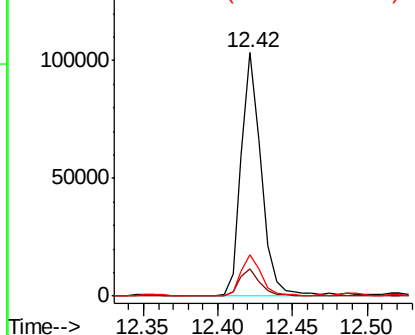


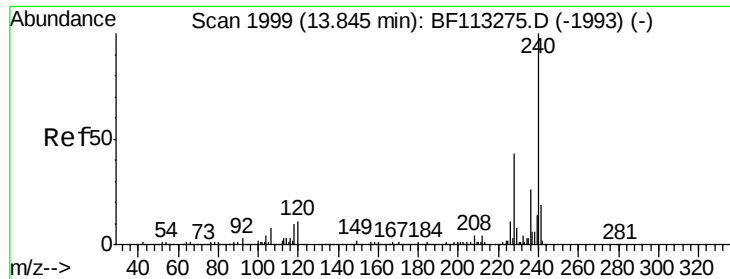
#75
Fluoranthene
Concen: 3.564 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF113435.D
Acq: 30 Mar 2019 1:37

Tgt Ion:202 Resp: 97474
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.4
203 16.8 0.0 38.0



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: 13.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF113435.D

Acq: 30 Mar 2019 1:37

Instrument :

BNA_F

ClientSampleId :

CONC-5

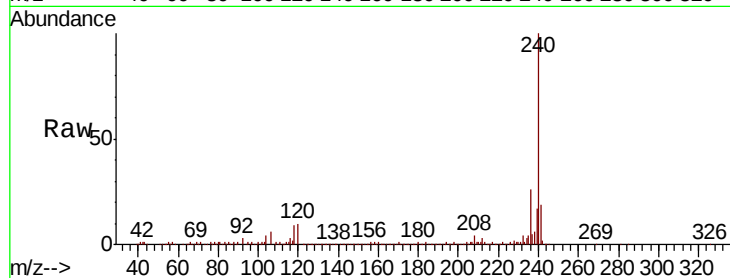
Tot Ion:240 Resp: 489060

Ion Ratio Lower Upper

240 100

120 10.0 8.8 13.2

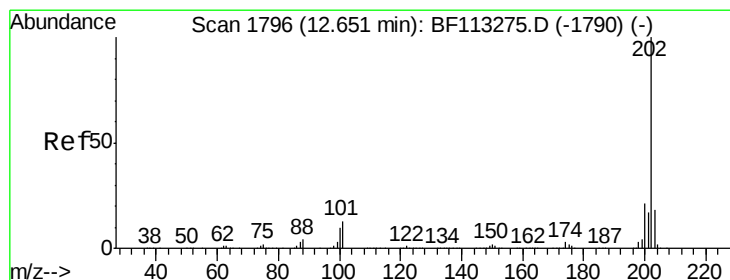
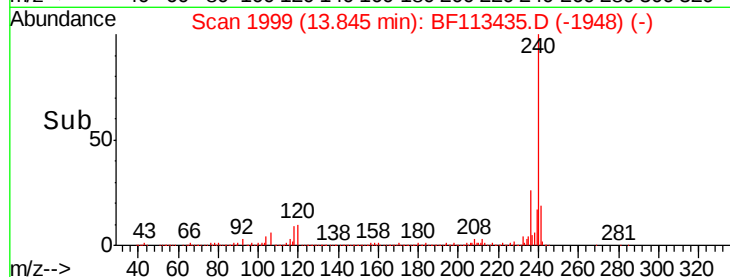
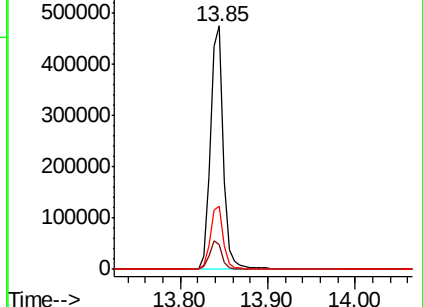
236 26.1 20.9 31.3



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: 3.008 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF113435.D

Acq: 30 Mar 2019 1:37

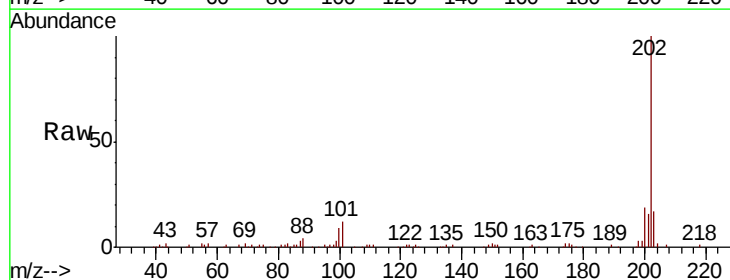
Tgt Ion:202 Resp: 101931

Ion Ratio Lower Upper

202 100

200 18.7 16.8 25.2

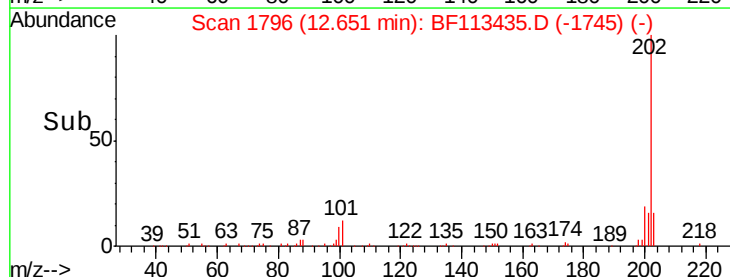
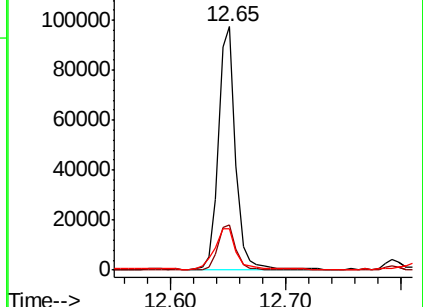
203 16.7 14.4 21.6

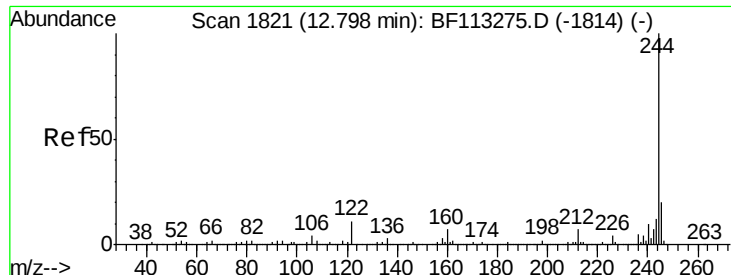


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 58.532 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113435.D

Acq: 30 Mar 2019 1:37

Instrument :

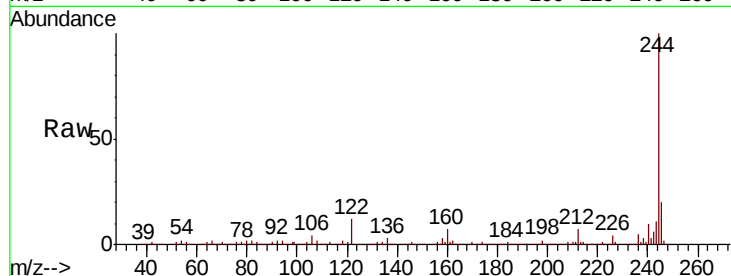
BNA_F

ClientSampleId :

CONC-5

Tot Ion:244 Resp: 1298713

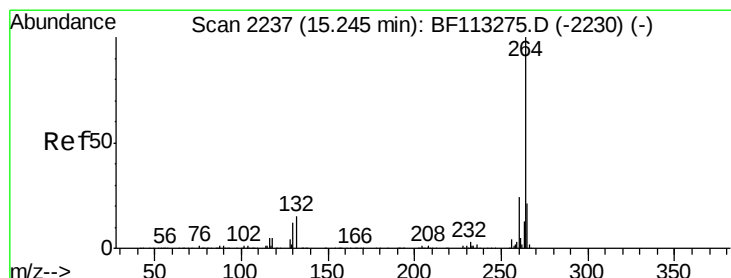
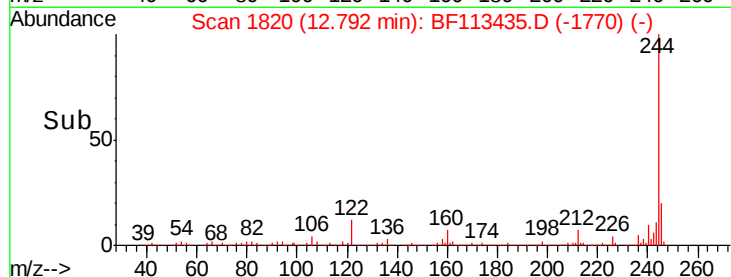
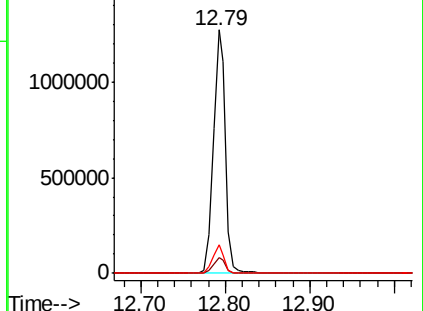
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	11.6	8.6	13.0



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: 15.24 min Scan# 2237

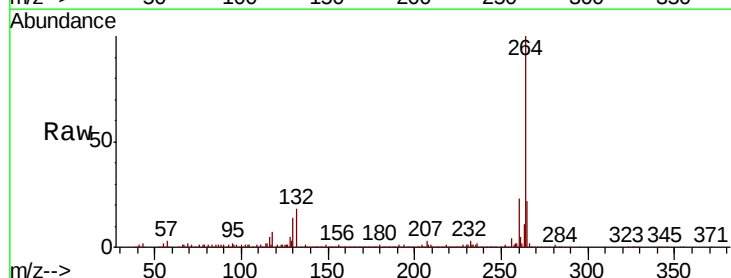
Delta R.T. 0.00 min

Lab File: BF113435.D

Acq: 30 Mar 2019 1:37

Tgt Ion:264 Resp: 389102

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.8	17.1	25.7



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

