

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111887.D
 Acq On : 7 Jan 2019 20:09
 Operator : JU/SJ
 Sample : K1036-12RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13-NRE

Quant Time: Jan 08 04:28:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

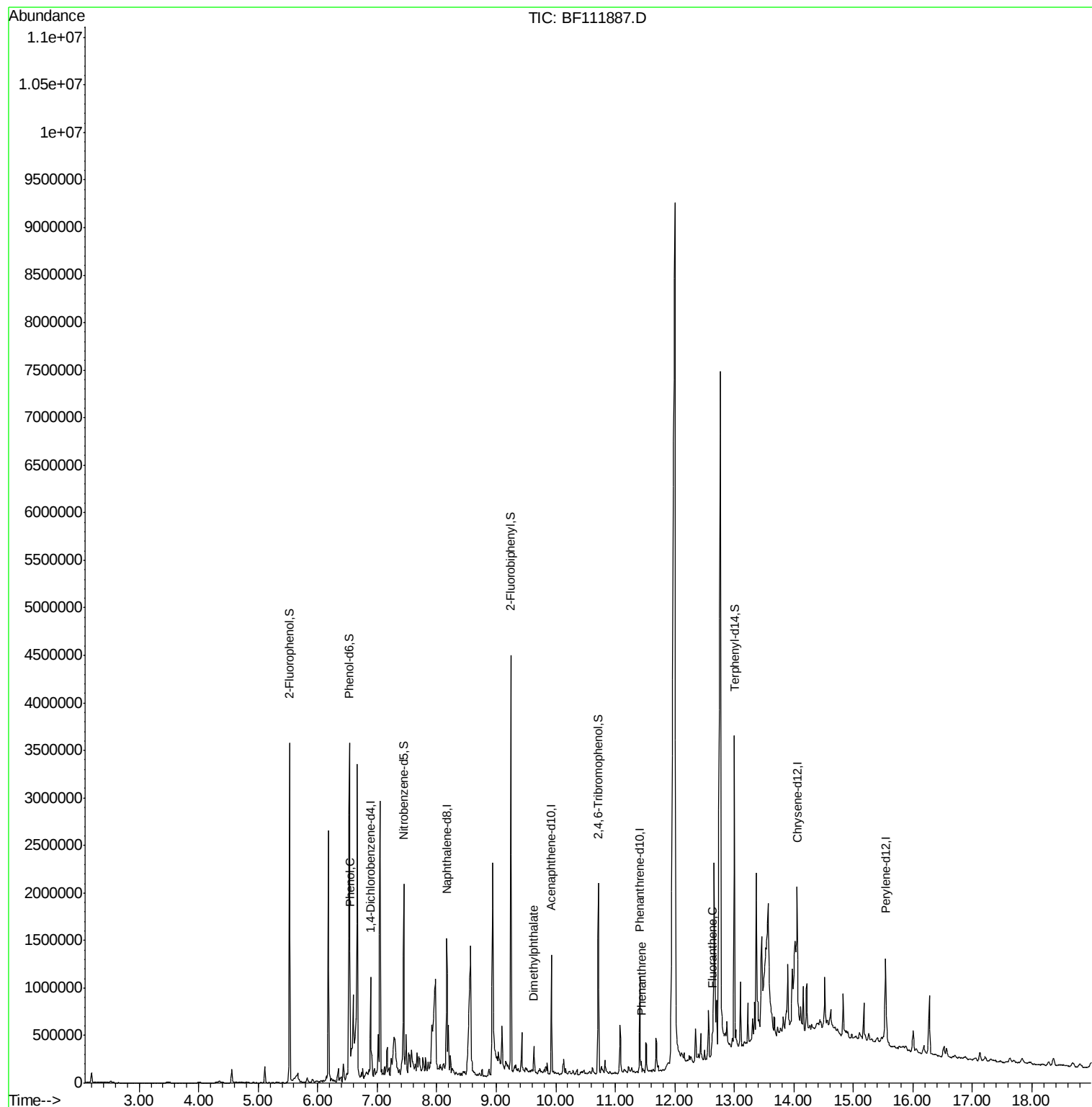
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	146917	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	566013	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	231225	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	343497	20.00	ng	0.00
76) Chrysene-d12	14.06	240	385541	20.00	ng	0.00
87) Perylene-d12	15.54	264	406127	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	914883	106.54	ng	0.00
7) Phenol-d6	6.53	99	1096843	99.10	ng	0.00
23) Nitrobenzene-d5	7.45	82	625530	59.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	231594	77.00	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1257095	79.28	ng	0.00
79) Terphenyl-d14	13.00	244	1055454	51.97	ng	0.00
Target Compounds						
10) Phenol	6.55	94	33157	2.756	ng	Qvalue # 76
50) Dimethylphthalate	9.63	163	73207	4.215	ng	99
71) Phenanthrene	11.43	178	37831	2.060	ng	99
75) Fluoranthene	12.63	202	48762	2.586	ng	96

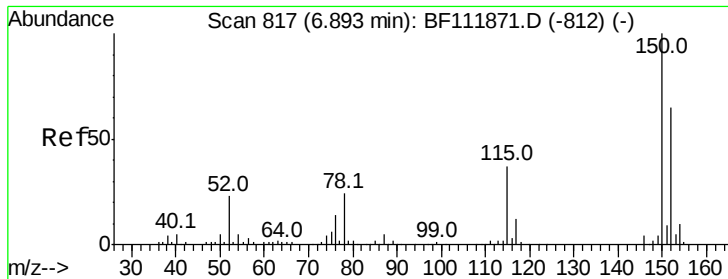
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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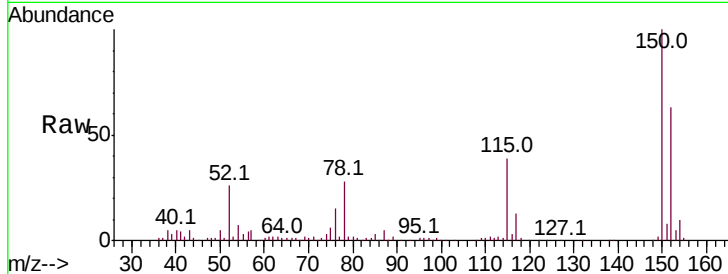


#1

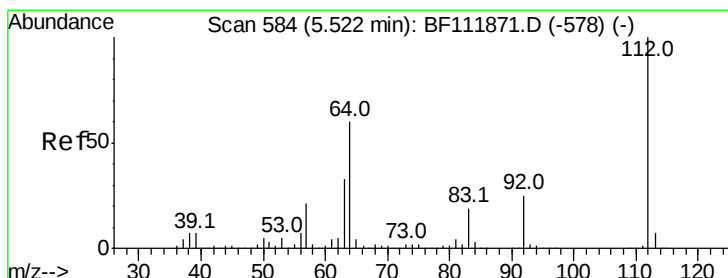
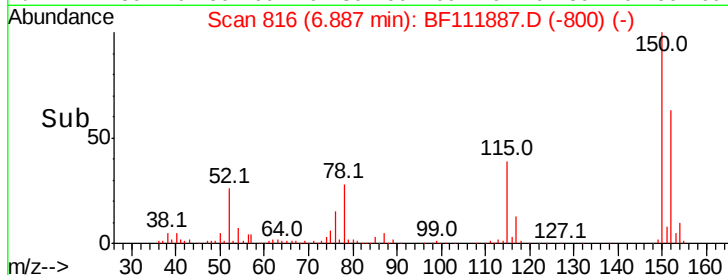
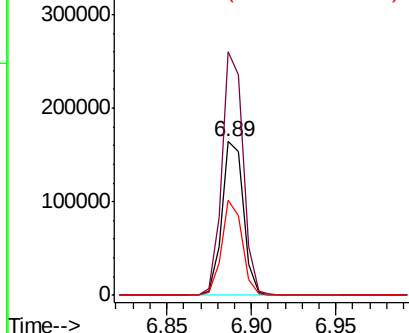
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
13-NRE

Tot Ion:152 Resp: 146917
Ion Ratio Lower Upper
152 100
150 158.1 122.7 184.1
115 62.2 45.2 67.8



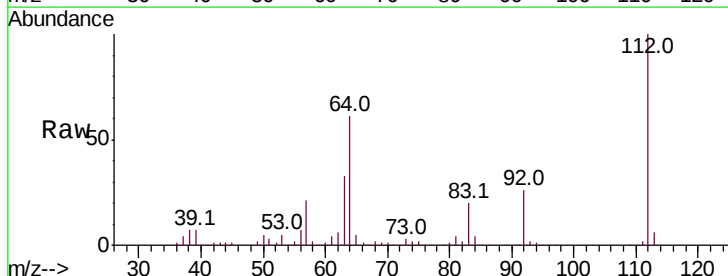
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



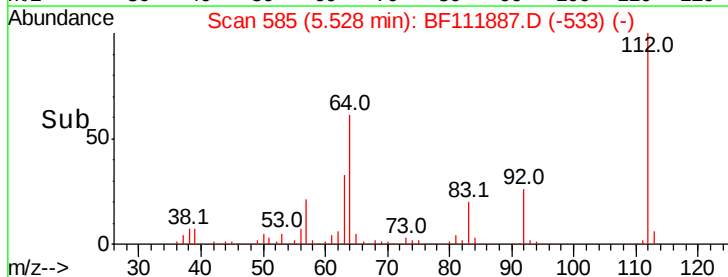
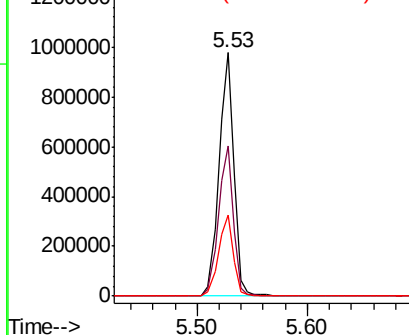
#5

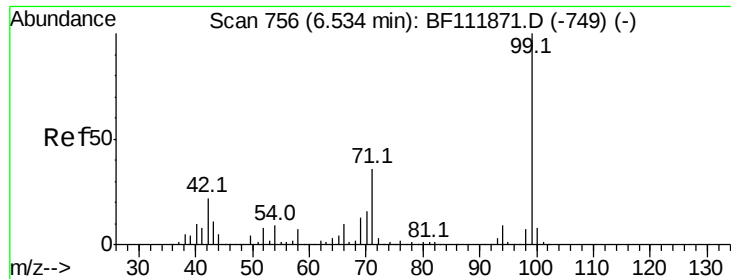
2-Fluorophenol
Concen: 106.536 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Tgt Ion:112 Resp: 914883
Ion Ratio Lower Upper
112 100
64 61.5 48.3 72.5
63 33.5 26.1 39.1



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: 99.098 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111887.D

Acq: 7 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

13-NRE

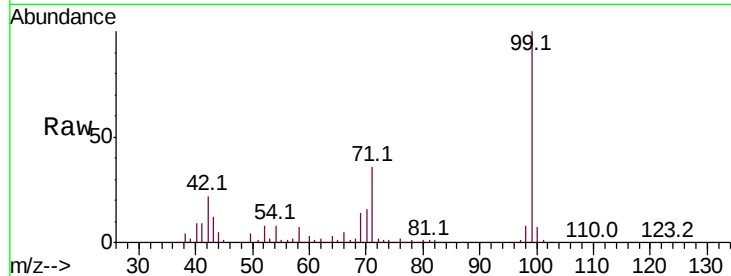
Tot Ion: 99 Resp: 1096843

Ion Ratio Lower Upper

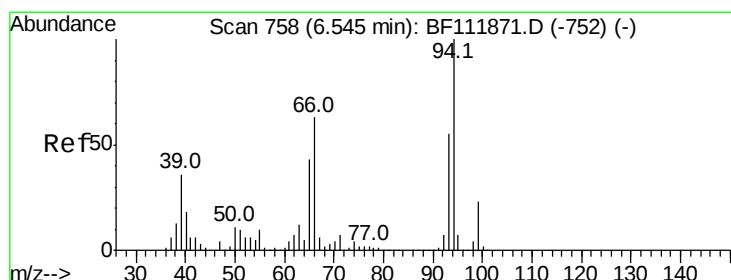
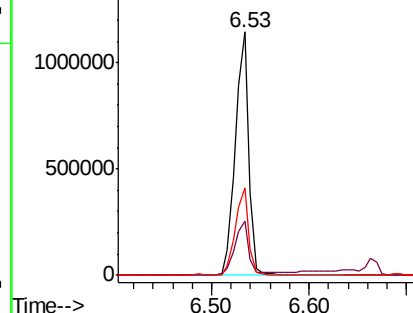
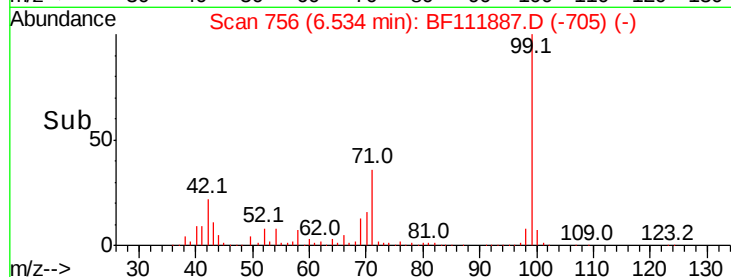
99 100

42 22.4 17.9 26.9

71 35.7 28.7 43.1



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: 2.756 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF111887.D

Acq: 7 Jan 2019 20:09

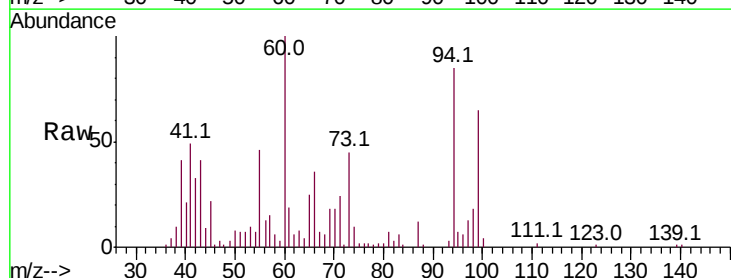
Tgt Ion: 94 Resp: 33157

Ion Ratio Lower Upper

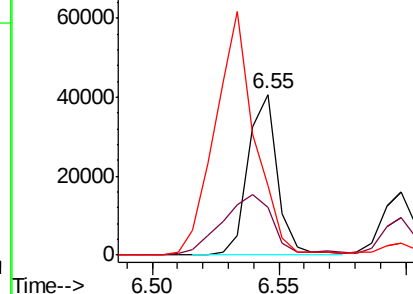
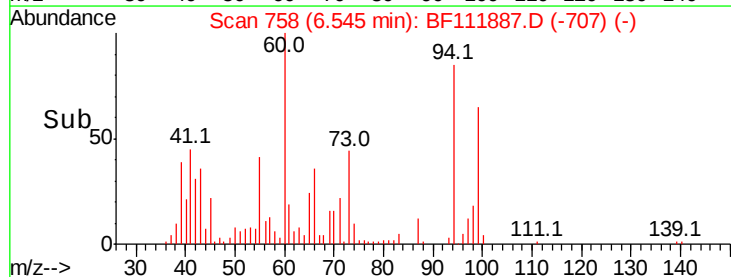
94 100

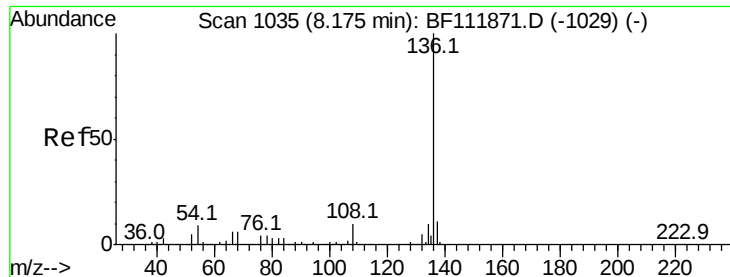
65 29.7 22.8 62.8

66 43.1 43.3 83.3#



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: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111887.D

Acq: 7 Jan 2019 20:09

Instrument :

BNA_F

ClientSampled :

13-NRE

Tot Ion:136 Resp: 566013

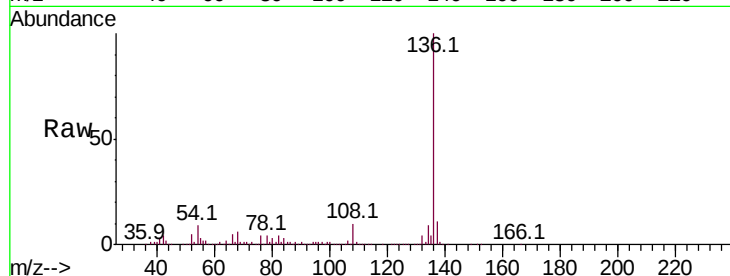
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.3 7.2 10.8

68 6.0 4.4 6.6

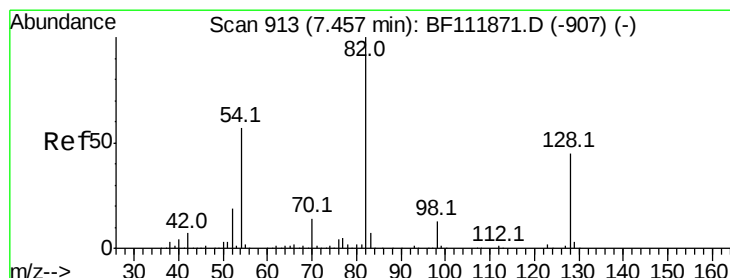
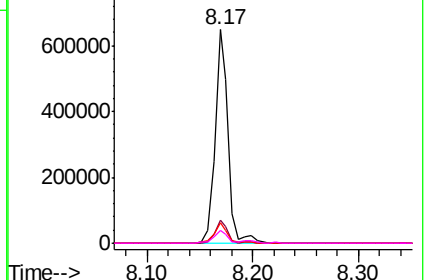
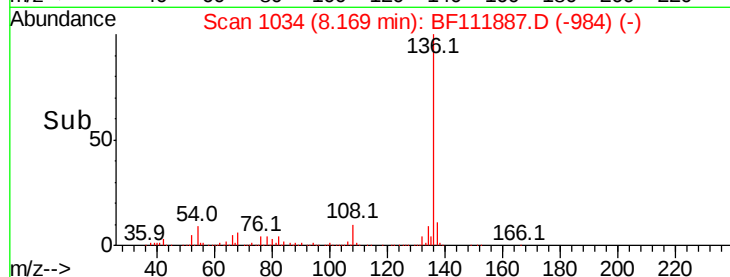


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.065 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF111887.D

Acq: 7 Jan 2019 20:09

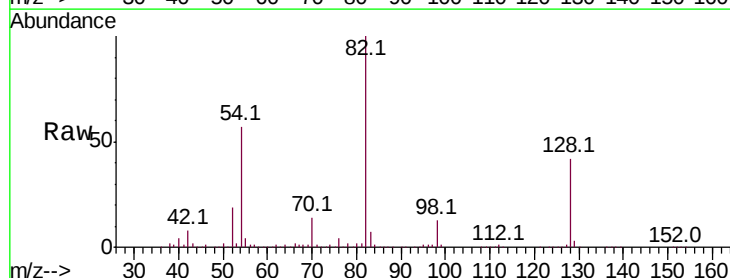
Tgt Ion: 82 Resp: 625530

Ion Ratio Lower Upper

82 100

128 42.5 35.7 53.5

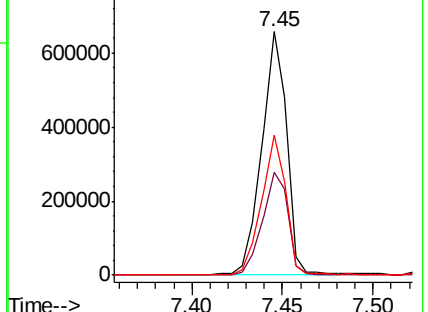
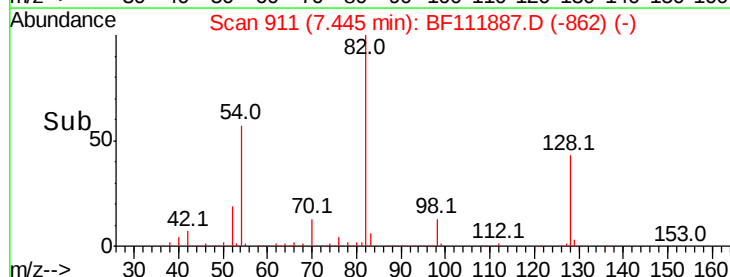
54 57.3 45.8 68.8

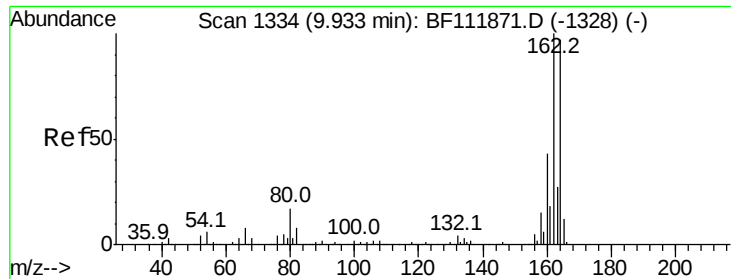


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

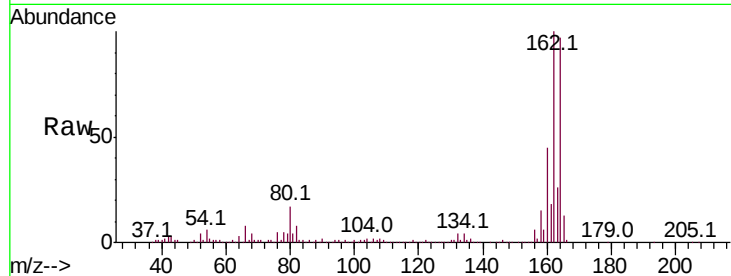




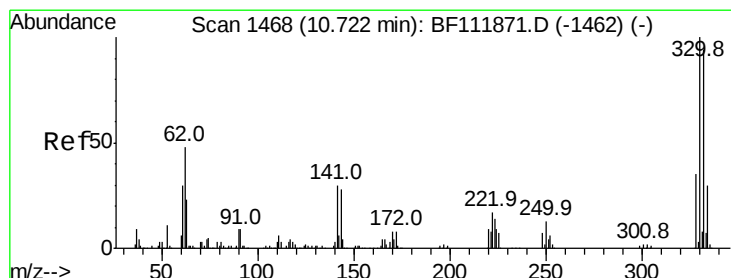
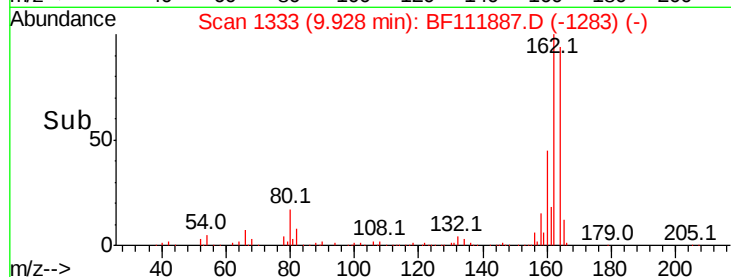
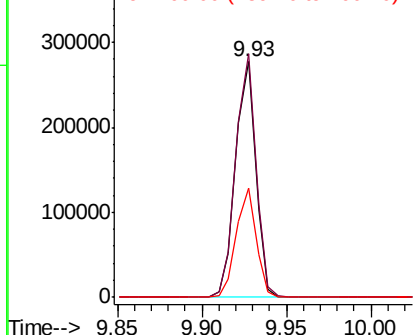
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
13-NRE

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.2
160	46.1	35.5	53.3

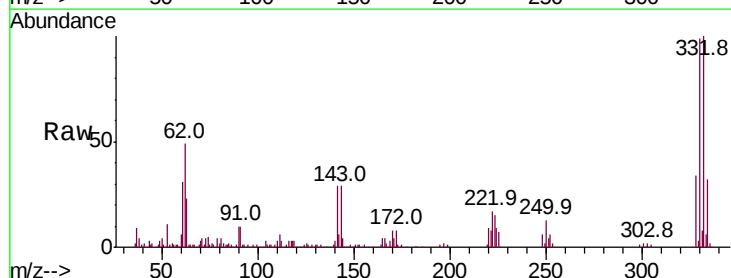


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

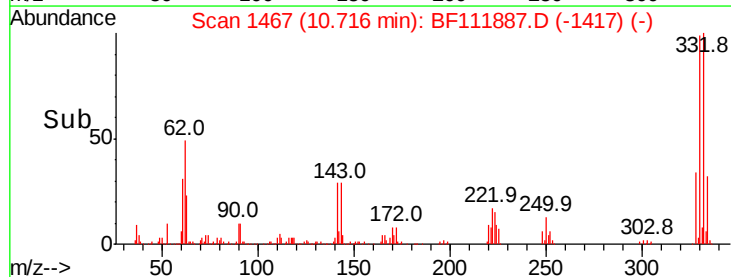
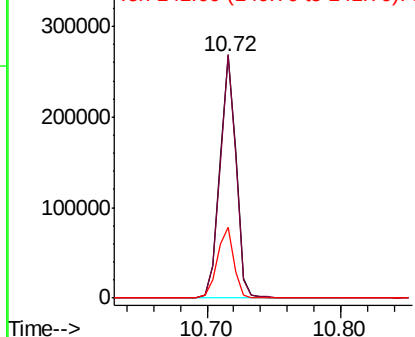


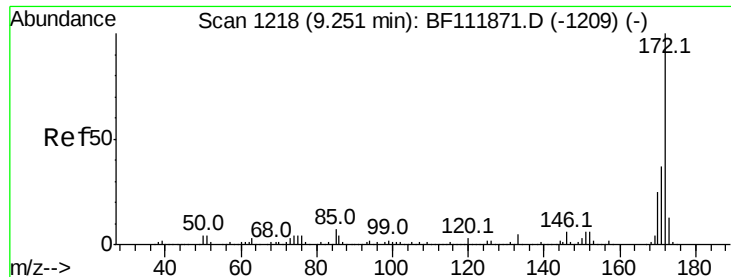
#42
2,4,6-Tribromophenol
Concen: 77.005 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.9	115.3
141	30.3	23.7	35.5



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

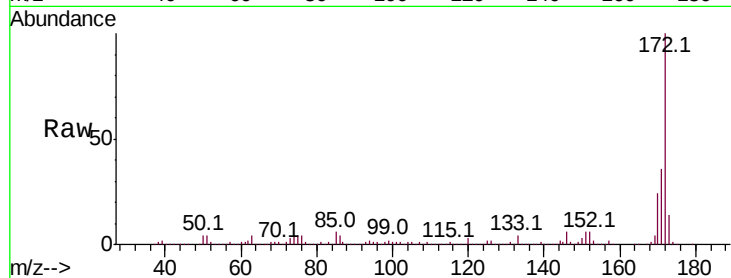




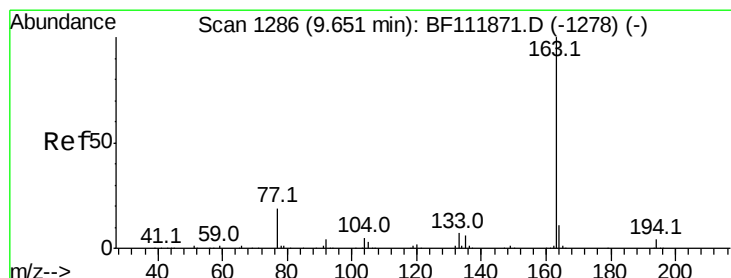
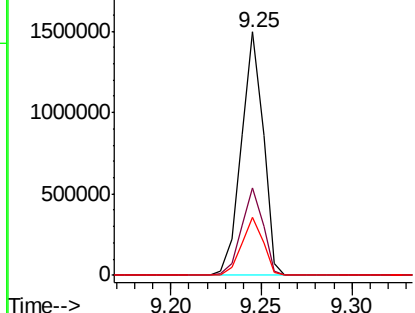
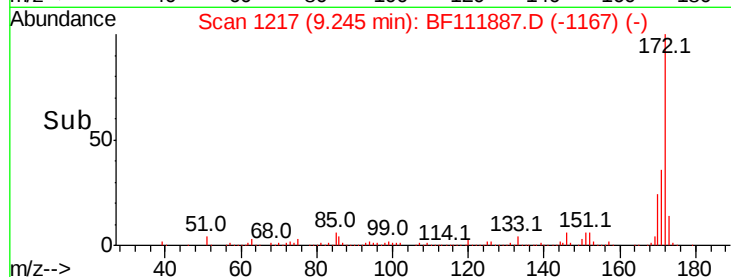
#45
2-Fluorobiphenyl
Concen: 79.278 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
13-NRE

Tot Ion:172 Resp: 1257095
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.6 19.8 29.8

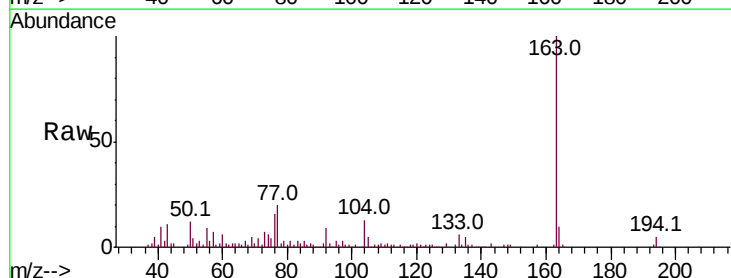


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

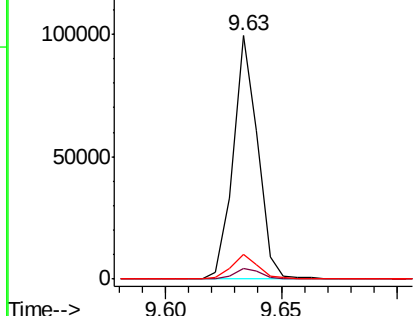
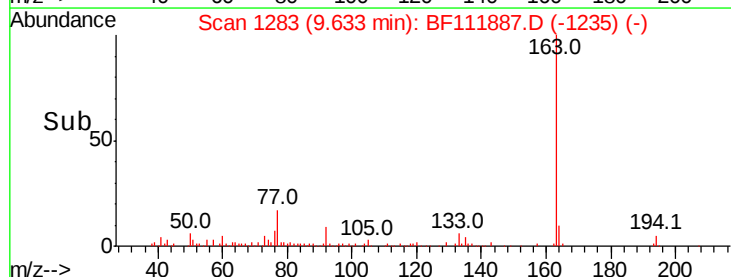


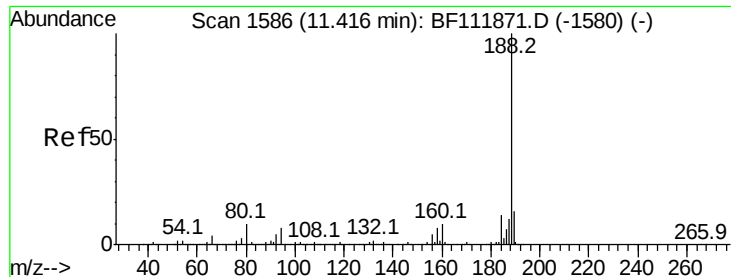
#50
Dimethylphthalate
Concen: 4.215 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Tgt Ion:163 Resp: 73207
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.2 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
100000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

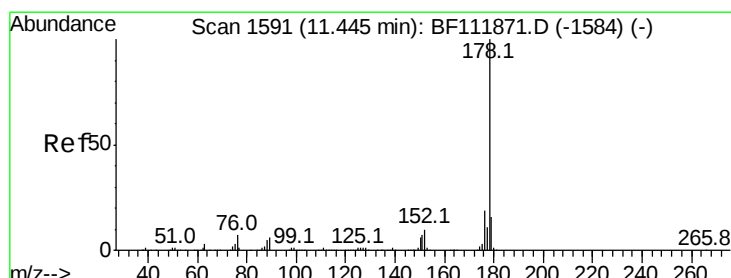
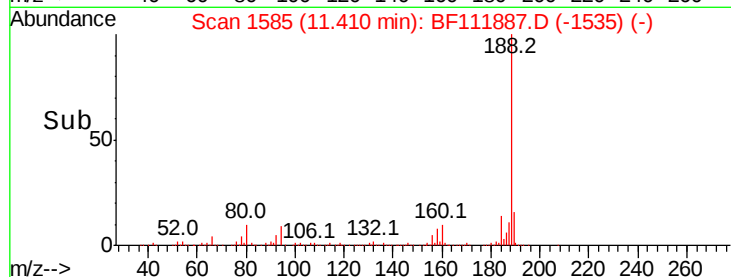
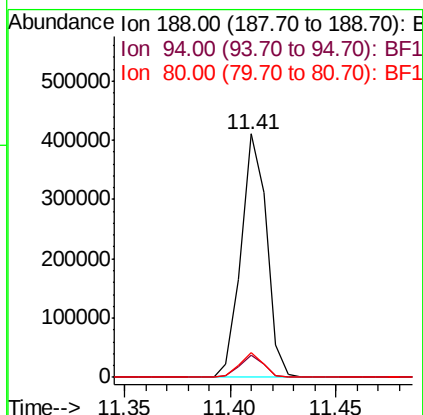
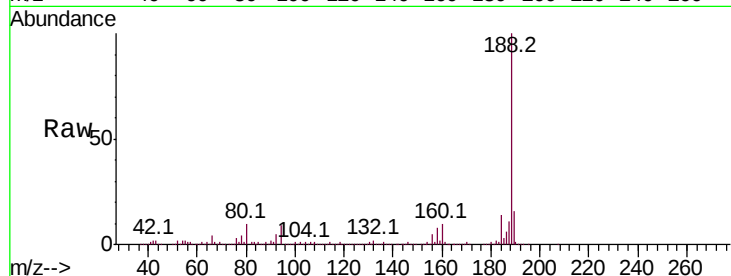




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

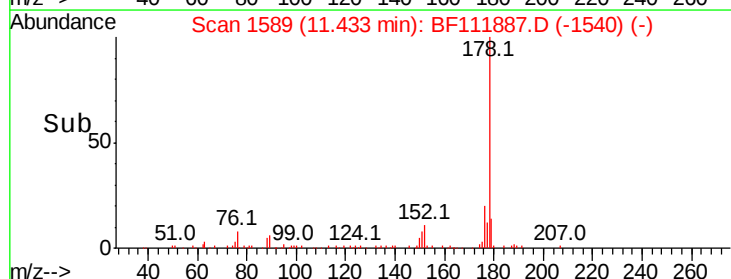
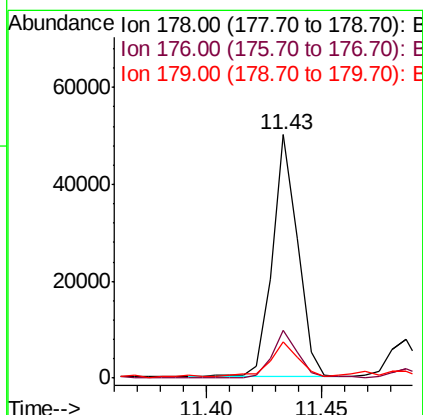
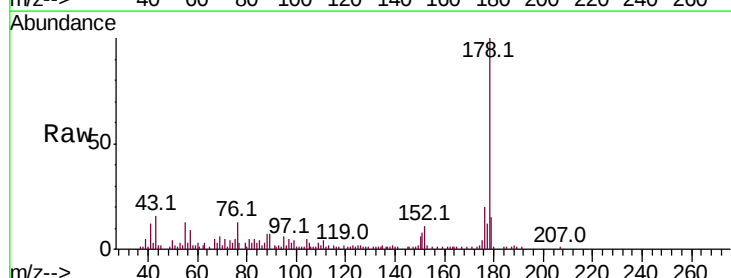
Instrument :
BNA_F
ClientSampleId :
13-NRE

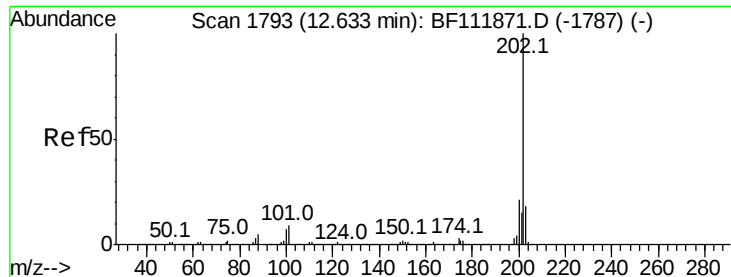
Tot Ion:188 Resp: 343497
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 9.9 7.7 11.5



#71
Phenanthrene
Concen: 2.060 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Tgt Ion:178 Resp: 37831
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 14.8 12.6 18.8





#75

Fluoranthene

Concen: 2.586 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF111887.D

Acq: 7 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

13-NRE

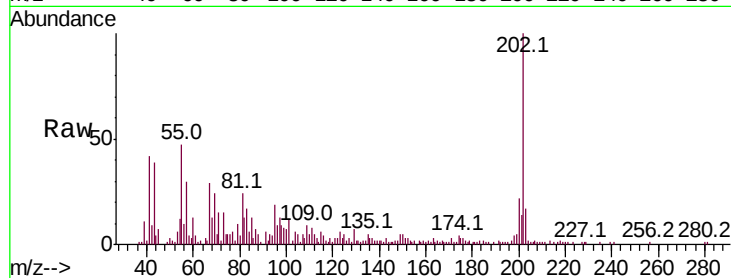
Tot Ion:202 Resp: 48762

Ion Ratio Lower Upper

202 100

101 12.3 0.0 29.3

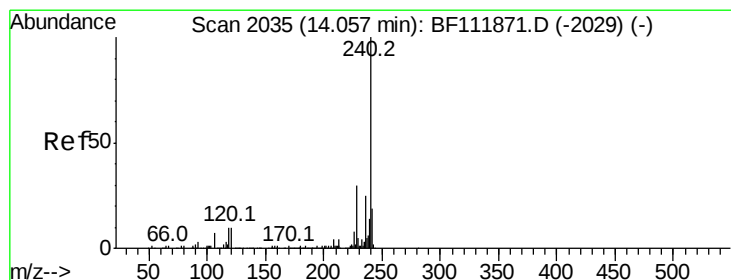
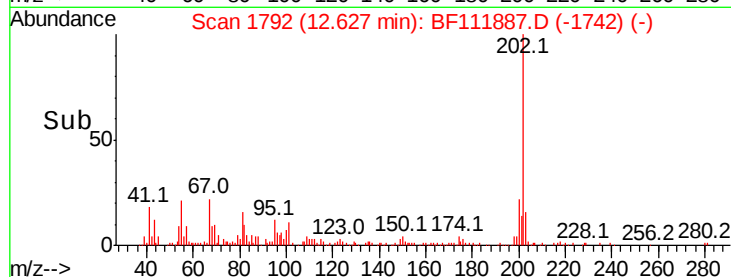
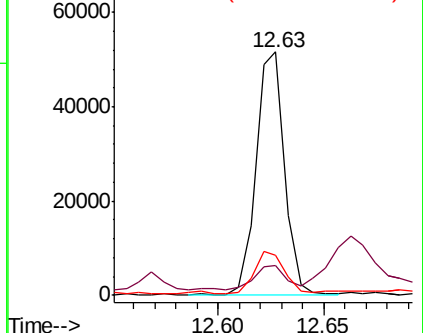
203 16.6 0.0 37.6



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: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF111887.D

Acq: 7 Jan 2019 20:09

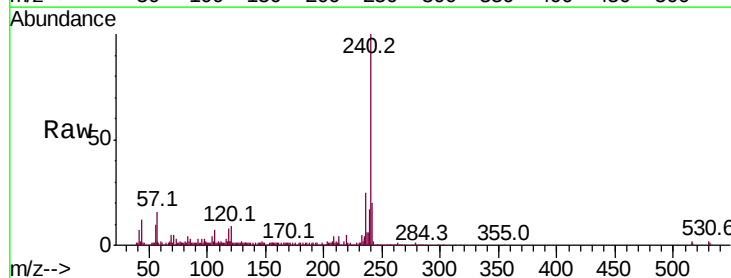
Tgt Ion:240 Resp: 385541

Ion Ratio Lower Upper

240 100

120 8.9 8.2 12.2

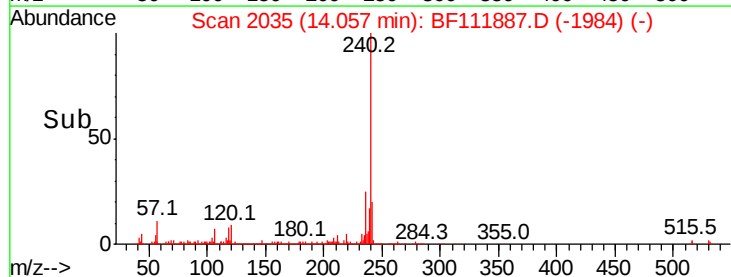
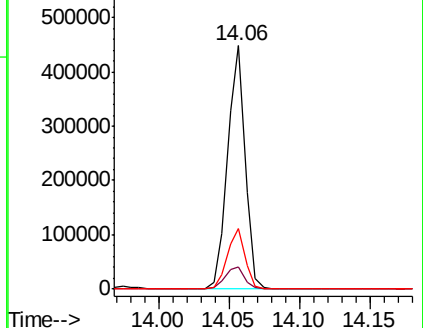
236 25.0 20.2 30.4

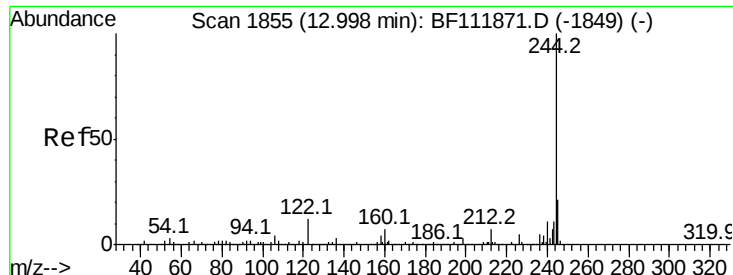


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 51.966 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111887.D

Acq: 7 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

13-NRE

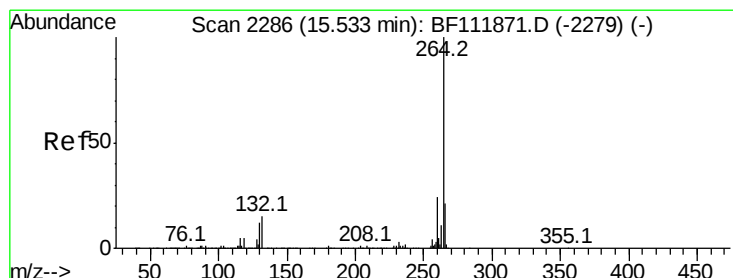
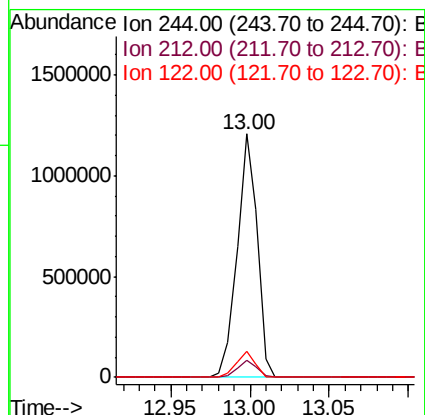
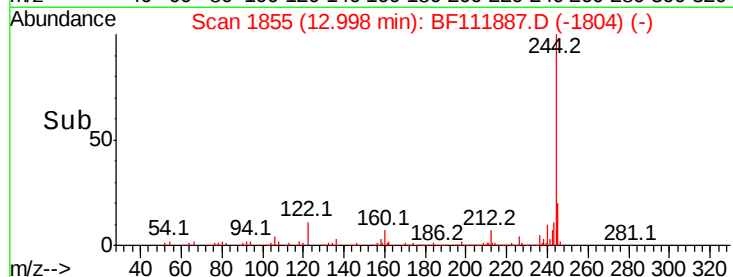
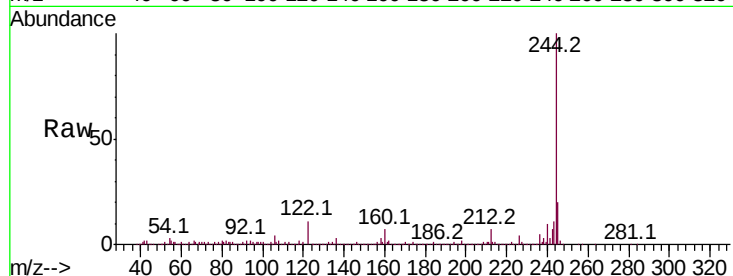
Tot Ion:244 Resp: 1055454

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.9 9.5 14.3



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF111887.D

Acq: 7 Jan 2019 20:09

Tgt Ion:264 Resp: 406127

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.1 17.1 25.7

