

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111885.D
 Acq On : 7 Jan 2019 19:15
 Operator : JU/SJ
 Sample : K1036-11RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13-MRE

Quant Time: Jan 08 04:22:01 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	149475	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	513235	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	216130	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	369489	20.00	ng	0.00
76) Chrysene-d12	14.05	240	383602	20.00	ng	0.00
87) Perylene-d12	15.53	264	381231	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	656242	75.11	ng	0.00
7) Phenol-d6	6.53	99	794623	70.56	ng	0.00
23) Nitrobenzene-d5	7.45	82	523045	54.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	172265	61.28	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	941949	63.55	ng	0.00
79) Terphenyl-d14	12.99	244	836666	41.40	ng	0.00

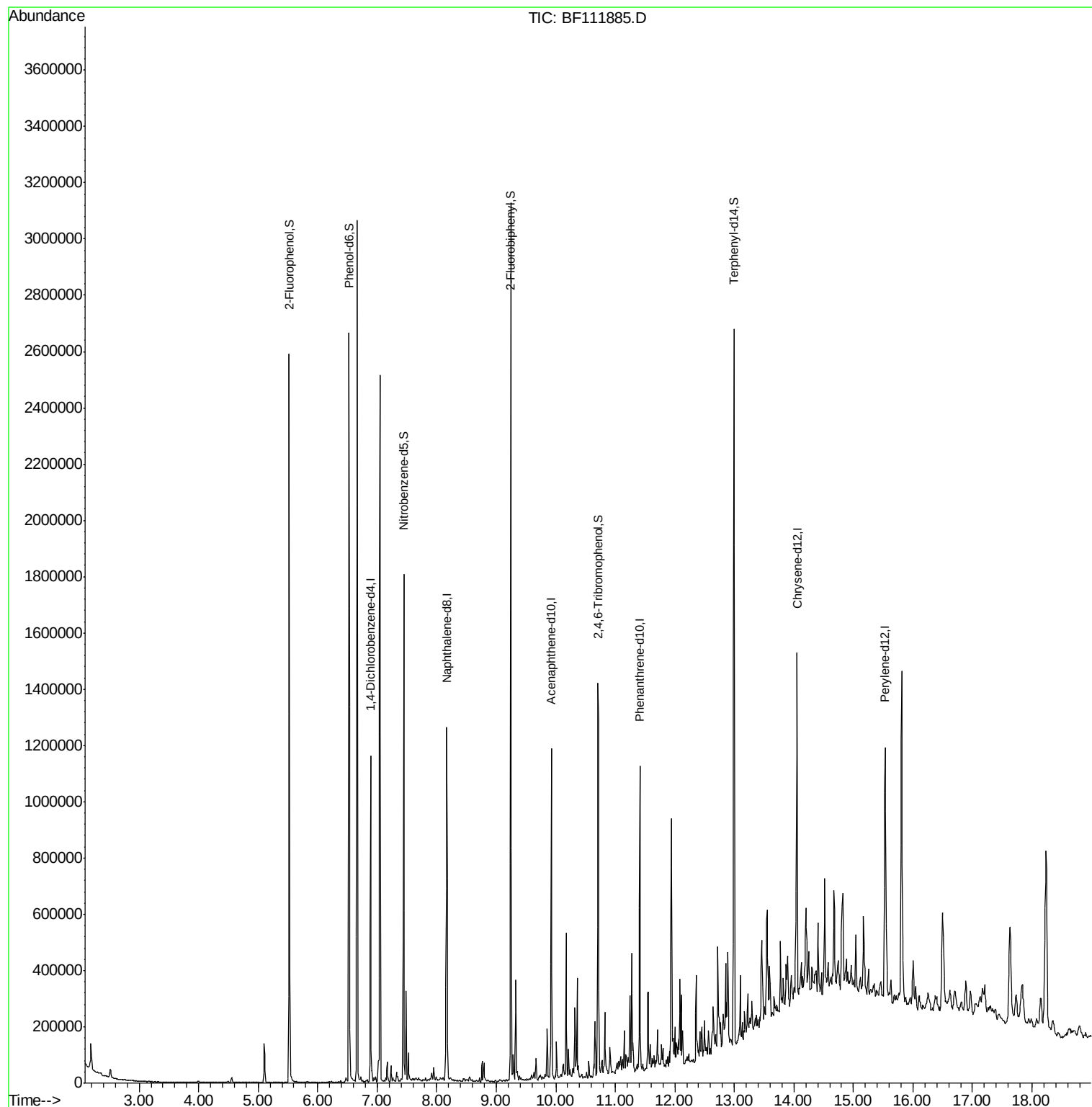
Target Compounds Qvalue

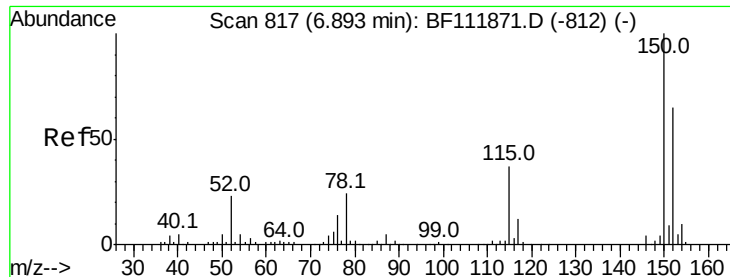
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111885.D
Acq On : 7 Jan 2019 19:15
Operator : JU/SJ
Sample : K1036-11RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
13-MRE

Quant Time: Jan 08 04:22:01 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



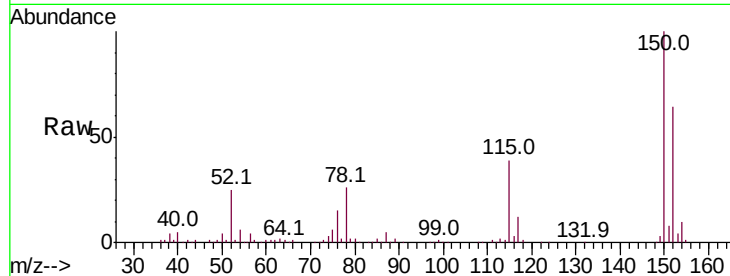


#1

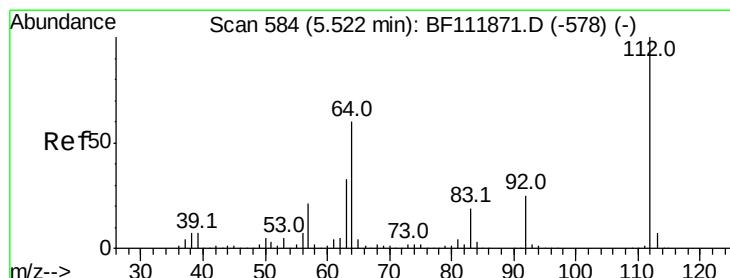
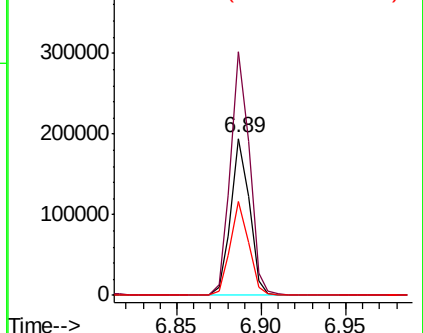
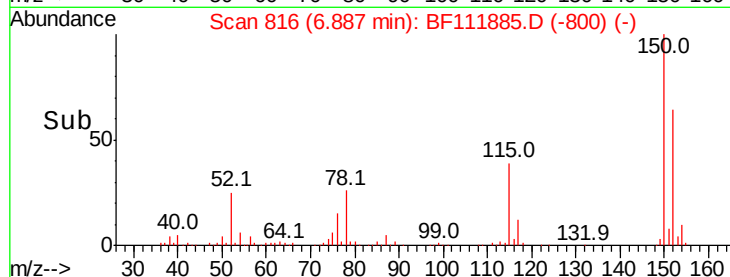
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111885.D
Acq: 7 Jan 2019 19:15

Instrument :
BNA_F
ClientSampleId :
13-MRE

Tot Ion:152 Resp: 149475
Ion Ratio Lower Upper
152 100
150 155.2 122.7 184.1
115 59.9 45.2 67.8



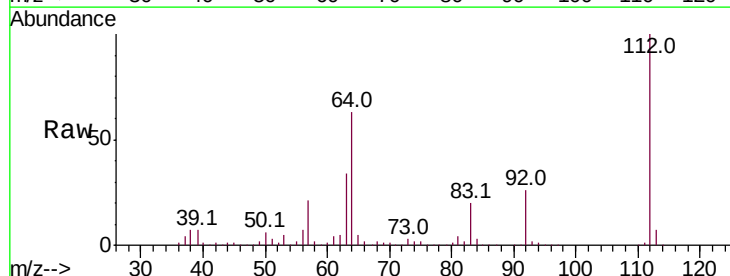
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



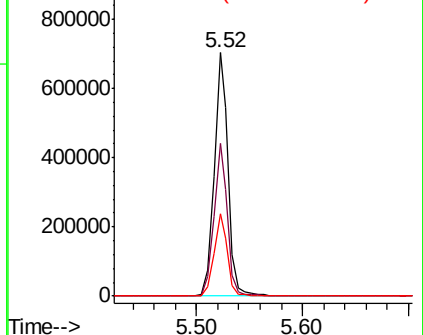
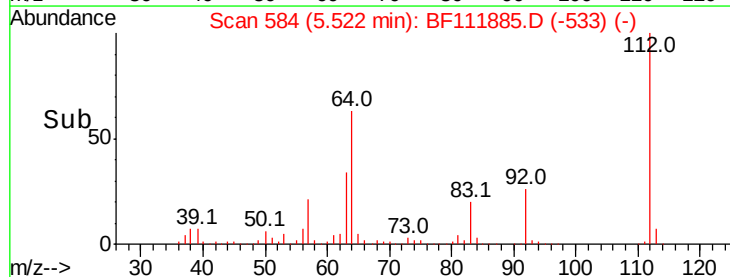
#5

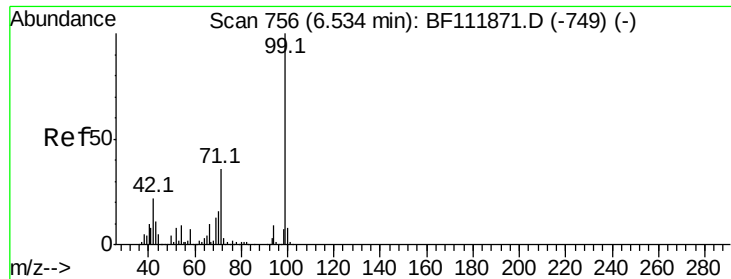
2-Fluorophenol
Concen: 75.110 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111885.D
Acq: 7 Jan 2019 19:15

Tgt Ion:112 Resp: 656242
Ion Ratio Lower Upper
112 100
64 62.6 48.3 72.5
63 33.9 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: 70.564 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111885.D

Acq: 7 Jan 2019 19:15

Instrument :

BNA_F

ClientSampleId :

13-MRE

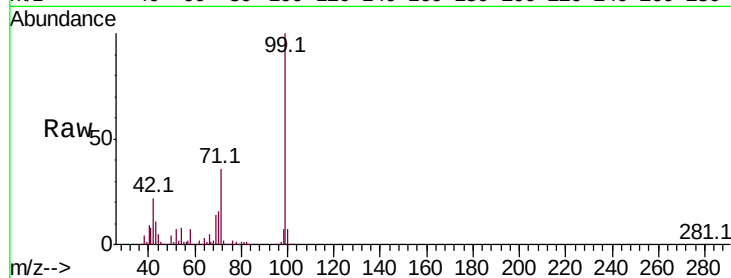
Tot Ion: 99 Resp: 794623

Ion Ratio Lower Upper

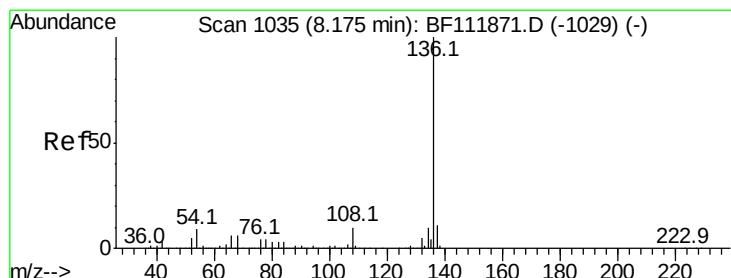
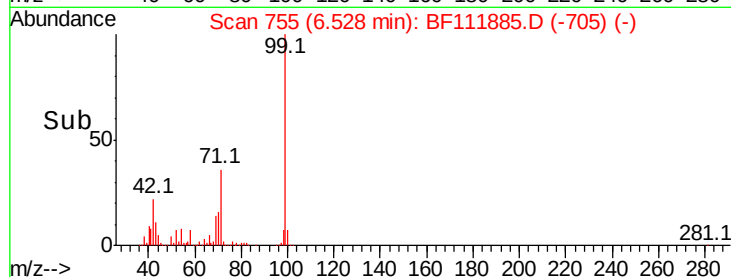
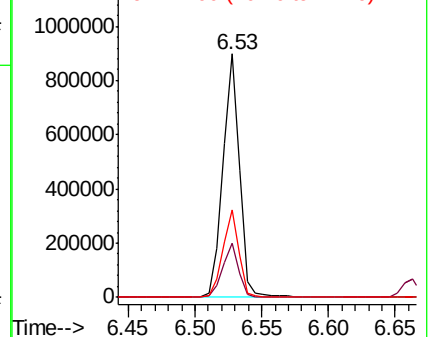
99 100

42 22.3 17.9 26.9

71 35.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111885.D

Acq: 7 Jan 2019 19:15

Tgt Ion: 136 Resp: 513235

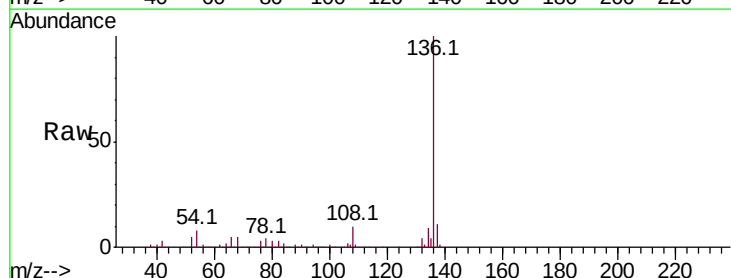
Ion Ratio Lower Upper

136 100

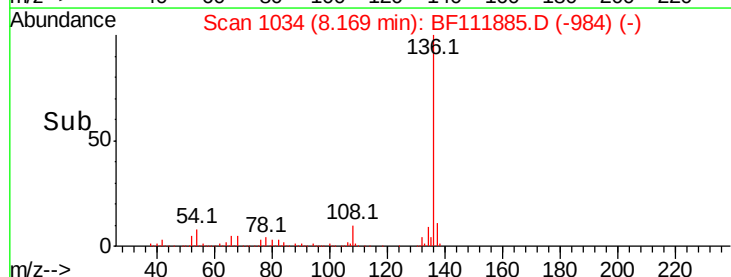
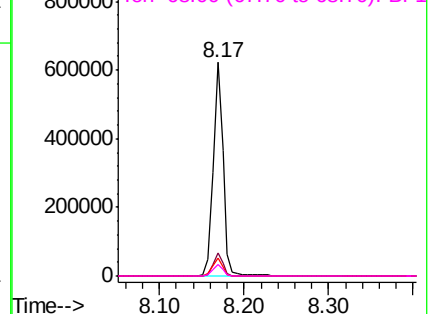
137 10.9 9.1 13.7

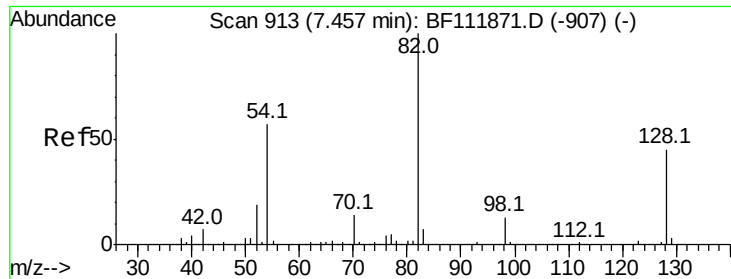
54 8.5 7.2 10.8

68 5.2 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

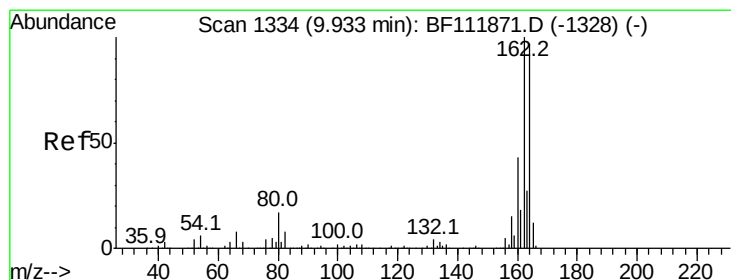
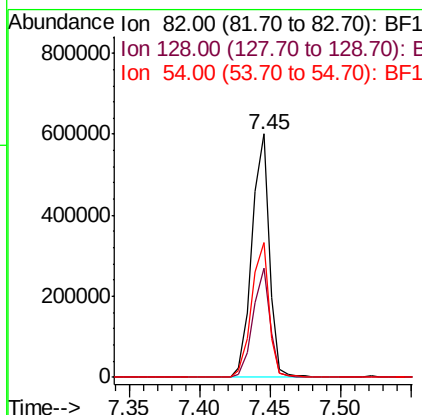
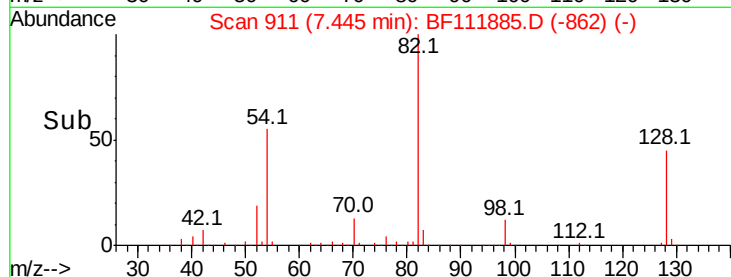
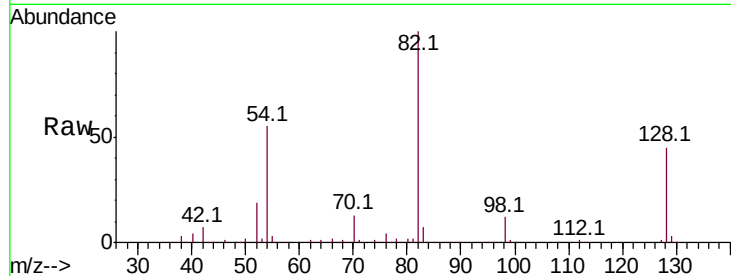




#23
Nitrobenzene-d5
Concen: 54.467 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111885.D
Acq: 7 Jan 2019 19:15

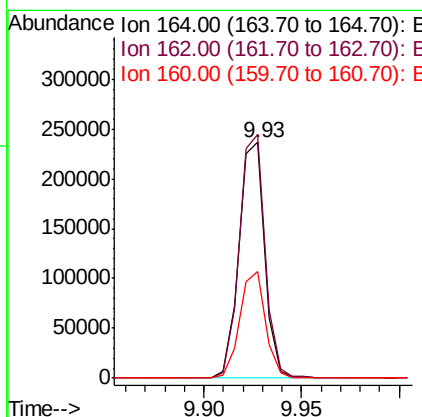
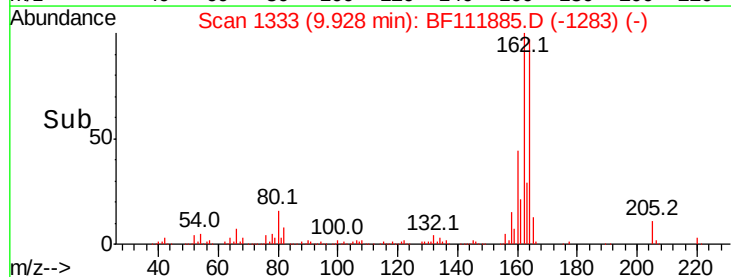
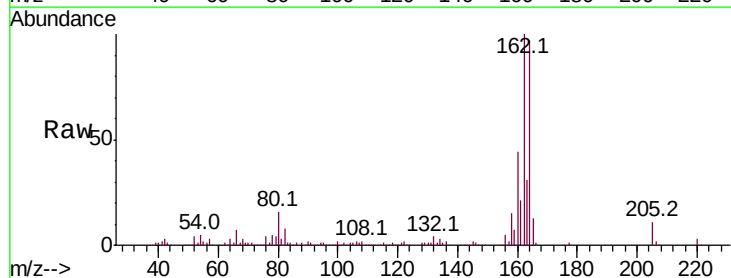
Instrument :
BNA_F
ClientSampleId :
13-MRE

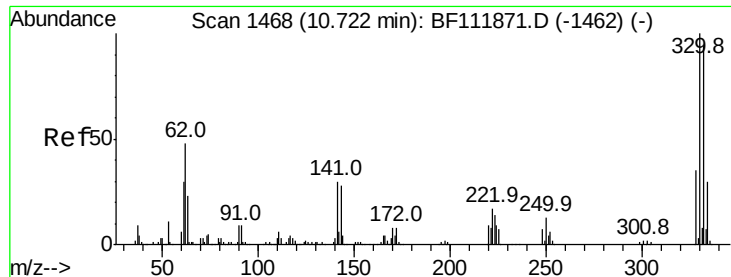
Tot Ion: 82 Resp: 523045
Ion Ratio Lower Upper
82 100
128 44.9 35.7 53.5
54 55.4 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111885.D
Acq: 7 Jan 2019 19:15

Tgt Ion:164 Resp: 216130
Ion Ratio Lower Upper
164 100
162 103.4 82.2 123.2
160 45.0 35.5 53.3

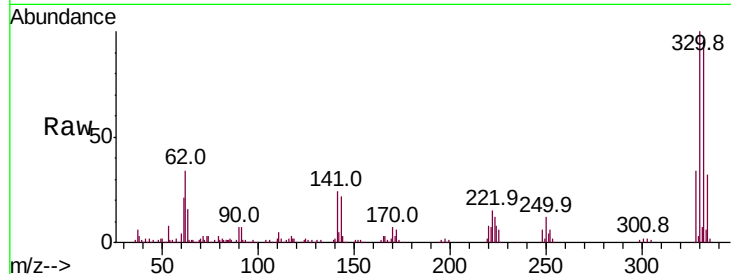




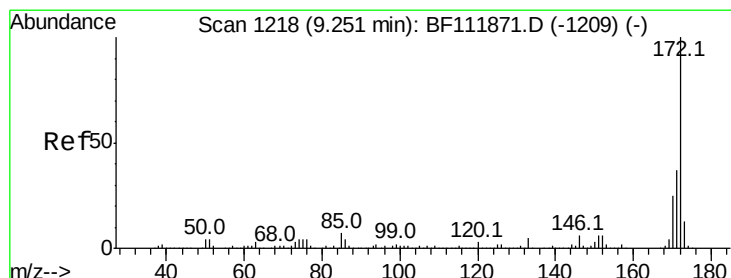
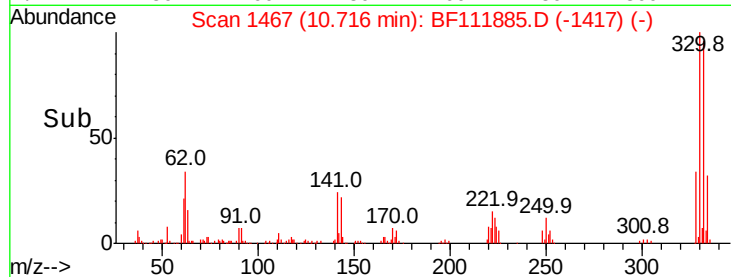
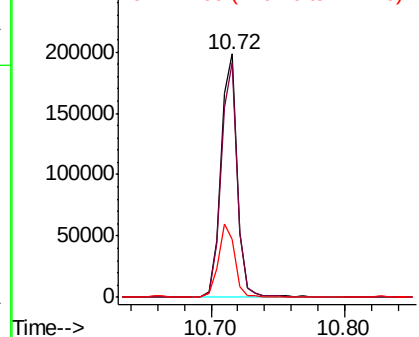
#42
 2,4,6-Tribromophenol
 Concen: 61.278 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111885.D
 Acq: 7 Jan 2019 19:15

Instrument :
 BNA_F
 ClientSampled :
 13-MRE

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	30.3	23.7	35.5

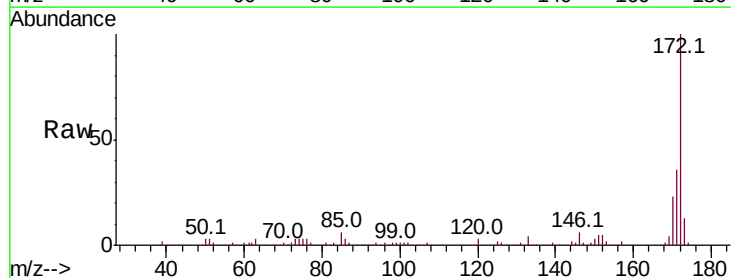


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

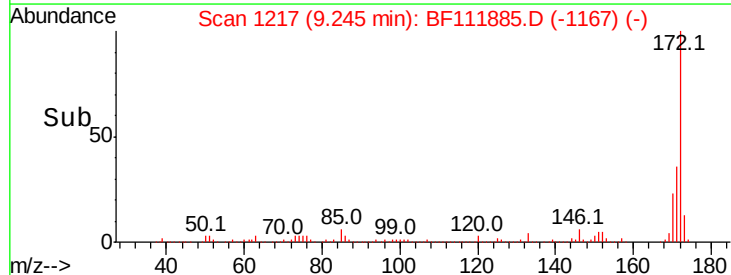
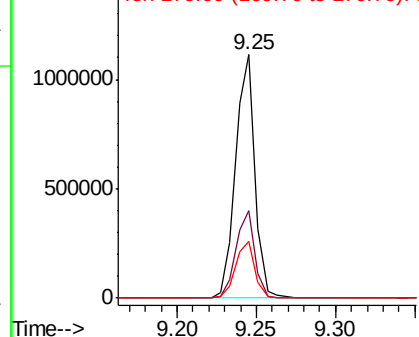


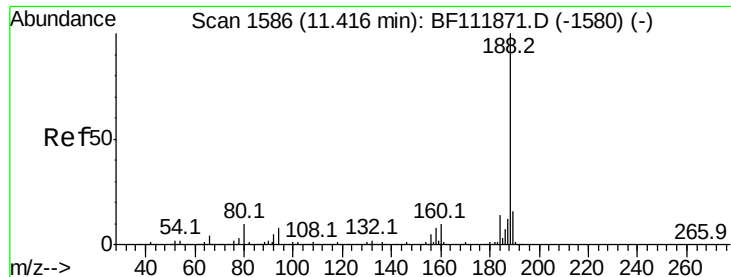
#45
 2-Fluorobiphenyl
 Concen: 63.552 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF111885.D
 Acq: 7 Jan 2019 19:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.4	19.8	29.8



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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111885.D

Acq: 7 Jan 2019 19:15

Instrument :

BNA_F

ClientSampleId :

13-MRE

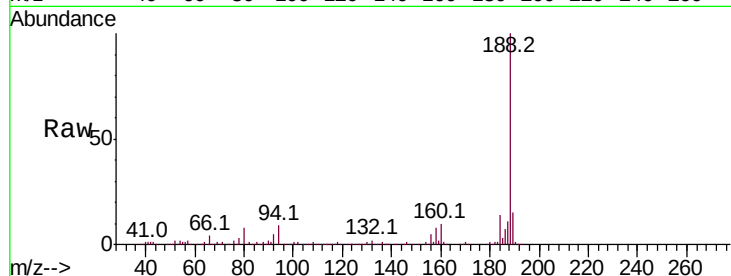
Tot Ion:188 Resp: 369489

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

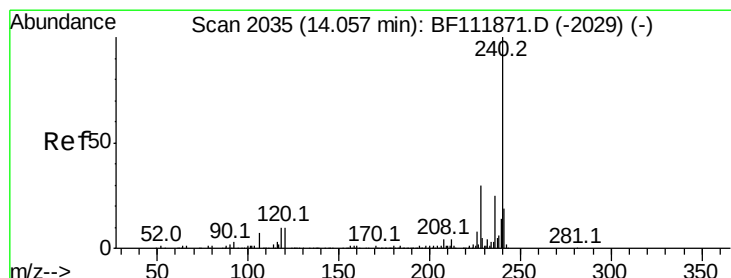
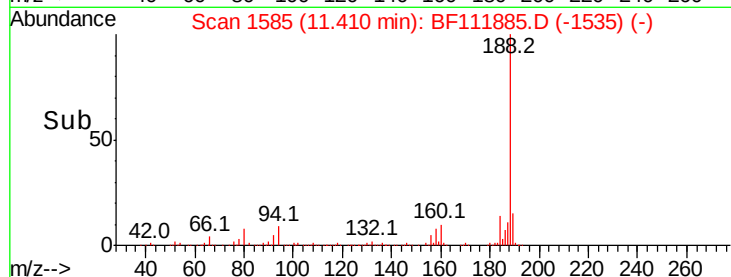
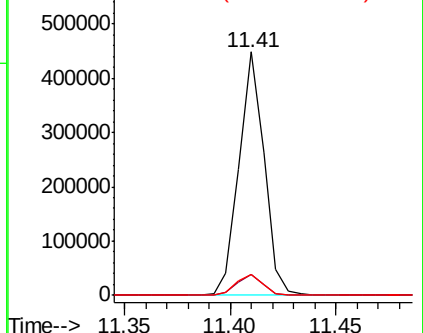
80 8.5 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF111885.D

Acq: 7 Jan 2019 19:15

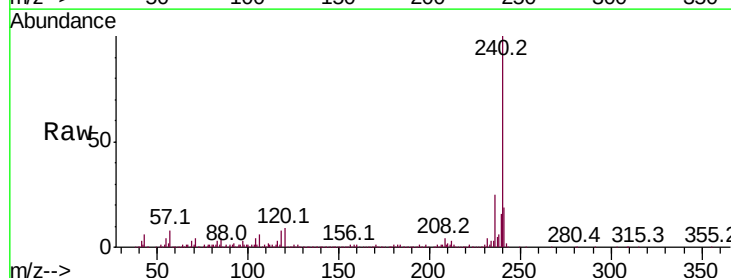
Tgt Ion:240 Resp: 383602

Ion Ratio Lower Upper

240 100

120 9.2 8.2 12.2

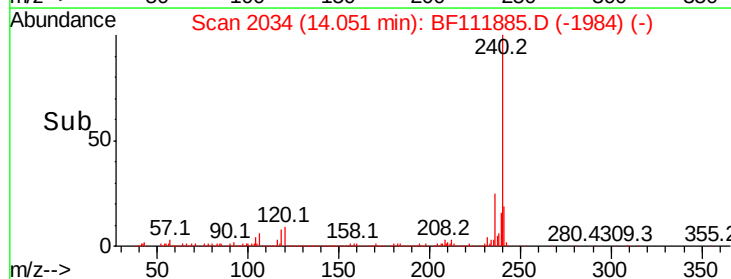
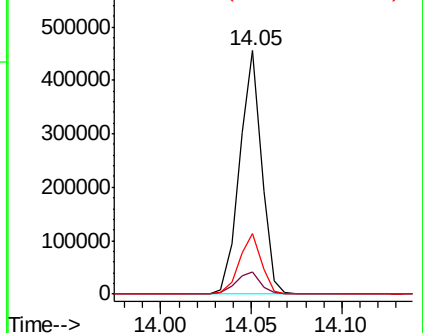
236 24.7 20.2 30.4

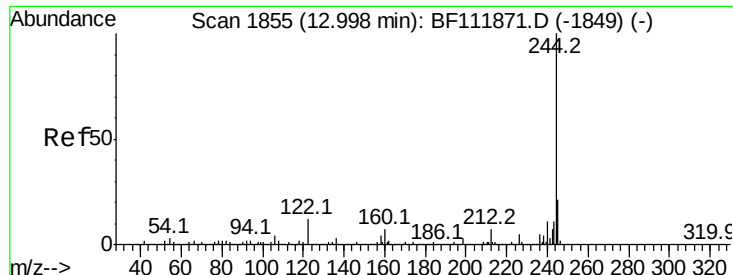


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 41.402 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111885.D

Acq: 7 Jan 2019 19:15

Instrument :

BNA_F

ClientSampleId :

13-MRE

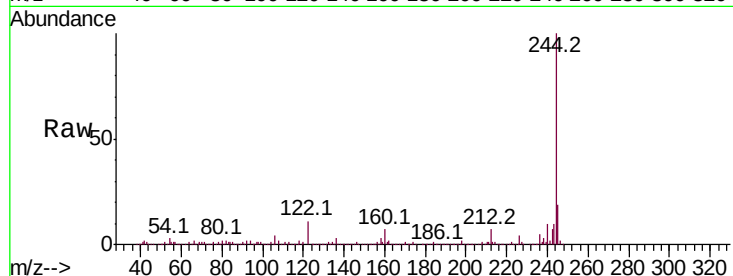
Tot Ion:244 Resp: 836666

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

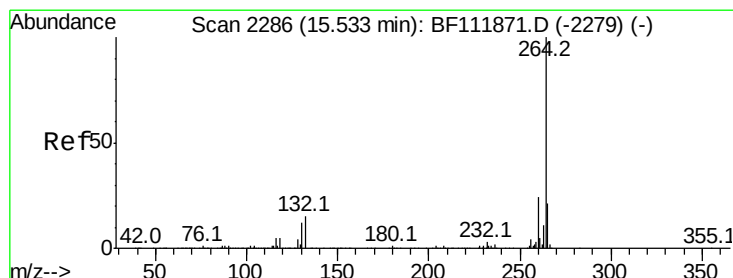
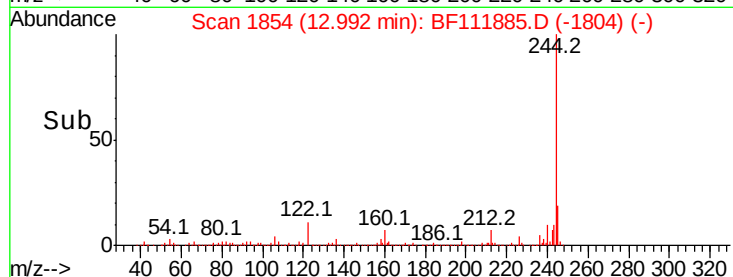
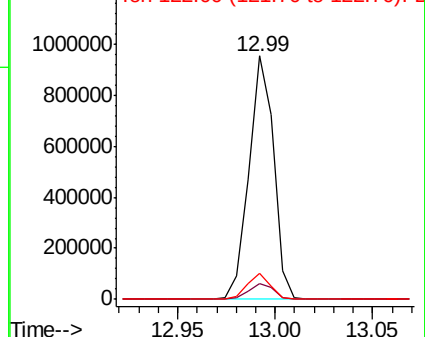
122 10.6 9.5 14.3



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: 15.53 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BF111885.D

Acq: 7 Jan 2019 19:15

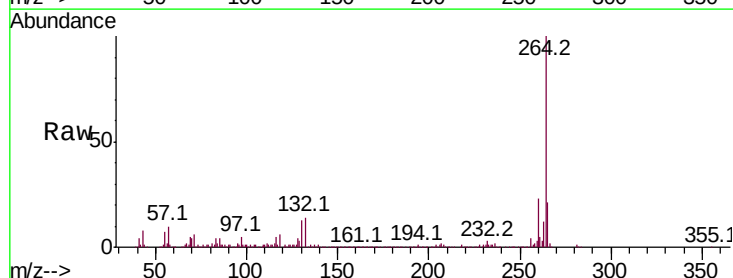
Tgt Ion:264 Resp: 381231

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.0 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

