

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113904.D
 Acq On : 23 Apr 2019 3:06
 Operator : JU/SJ
 Sample : K2203-13 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-041819-A

Quant Time: Apr 23 08:20:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	188397	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	661961	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	335136	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	698413	20.00	ng	0.00
76) Chrysene-d12	14.06	240	588576	20.00	ng	-0.01
87) Perylene-d12	15.54	264	479664	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	199437	18.11	ng	0.00
7) Phenol-d6	6.52	99	252392	18.26	ng	0.00
23) Nitrobenzene-d5	7.45	82	128430	11.98	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	76535	18.75	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	284719	13.29	ng	0.00
79) Terphenyl-d14	13.00	244	405257	14.12	ng	0.00

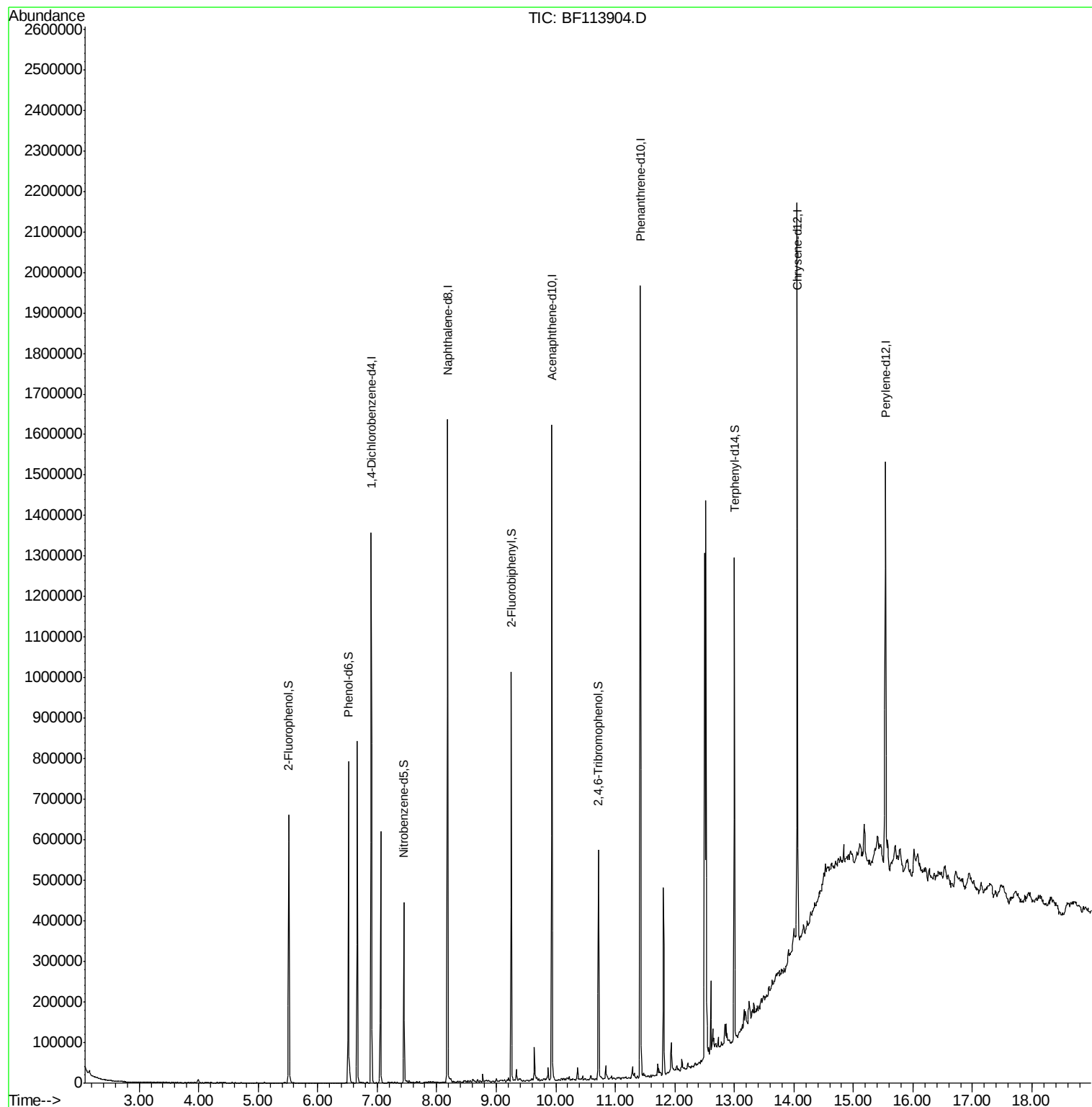
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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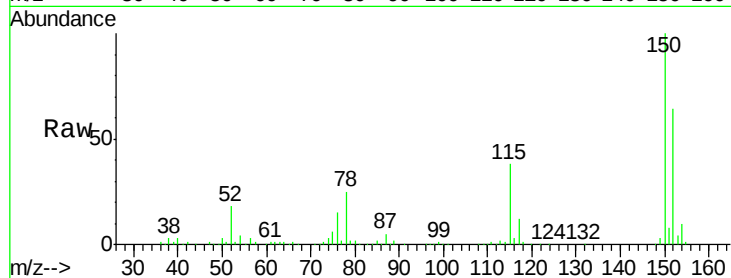


#1

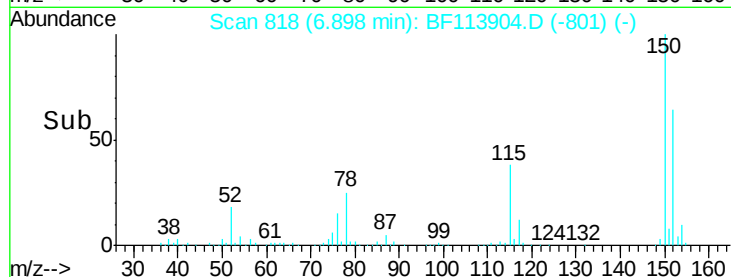
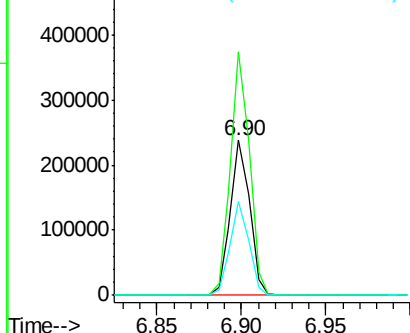
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF113904.D
 Acq: 23 Apr 2019 3:06

Instrument :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.9	188.9
115	60.3	45.9	68.9



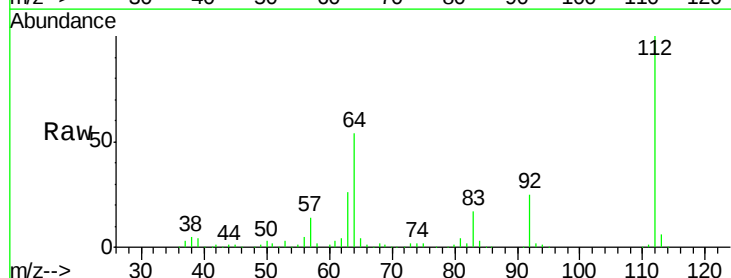
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



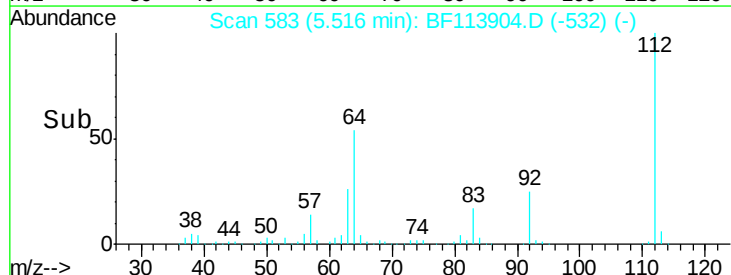
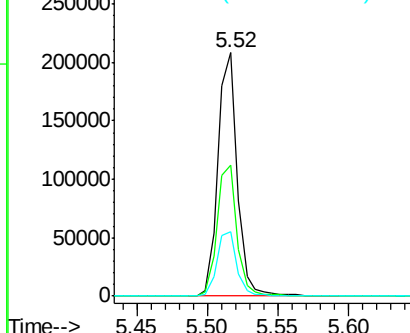
#5

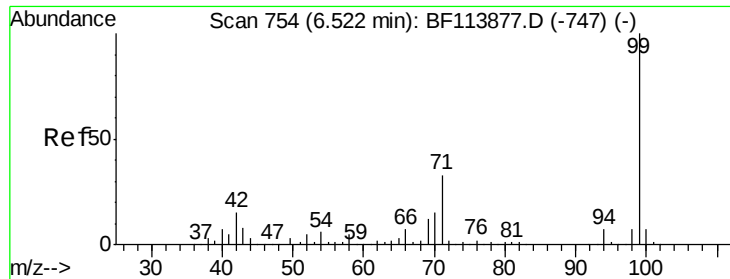
2-Fluorophenol
 Concen: 18.106 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF113904.D
 Acq: 23 Apr 2019 3:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	46.6	69.8
63	26.4	23.1	34.7



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: 18.263 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113904.D

Acq: 23 Apr 2019 3:06

Instrument :

BNA_F

ClientSampleId :

SU-02-041819-A

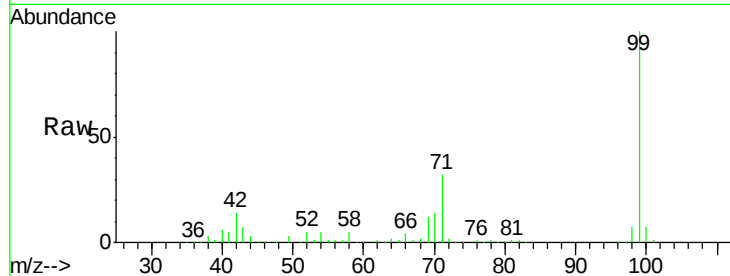
Tgt Ion: 99 Resp: 252392

Ion Ratio Lower Upper

99 100

42 14.3 12.5 18.7

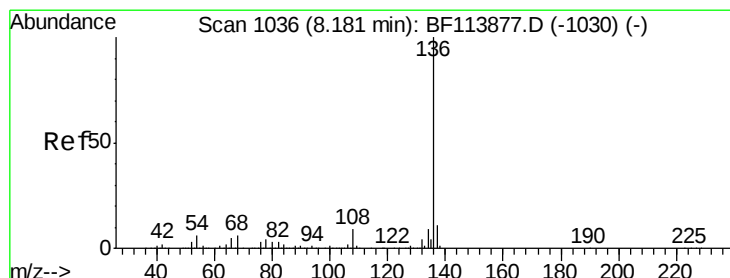
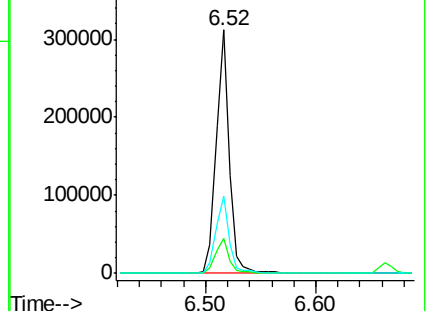
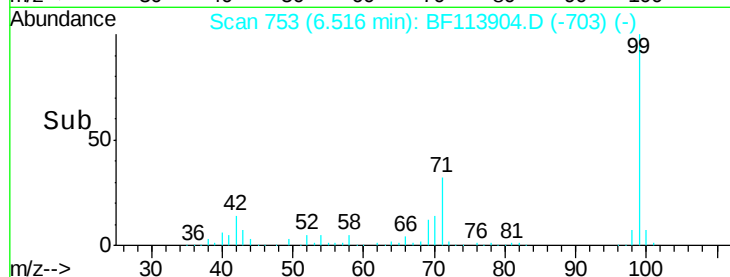
71 31.8 26.9 40.3



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: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113904.D

Acq: 23 Apr 2019 3:06

Tgt Ion: 136 Resp: 661961

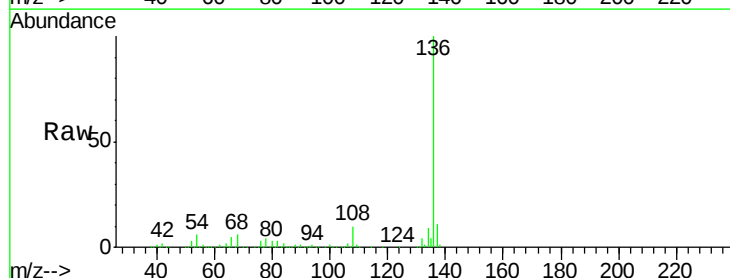
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 6.2 5.0 7.6

68 6.4 4.9 7.3

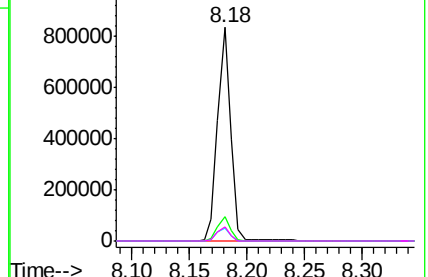
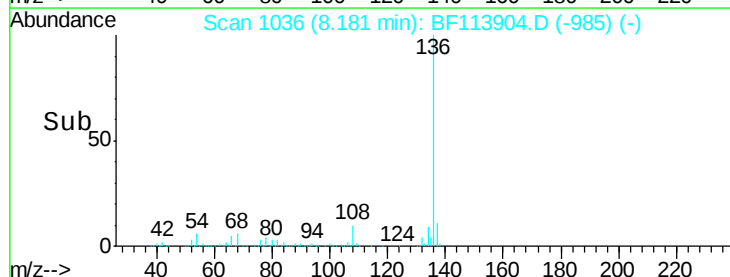


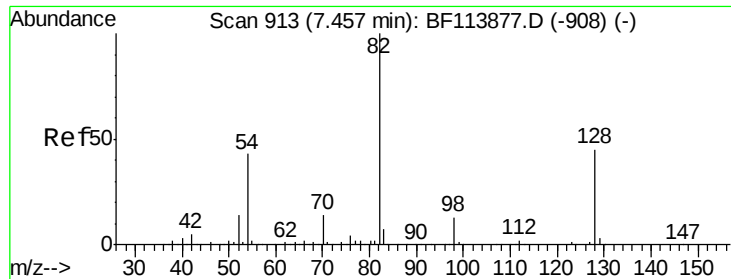
Abundance Ion 136.00 (135.70 to 136.70): E

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

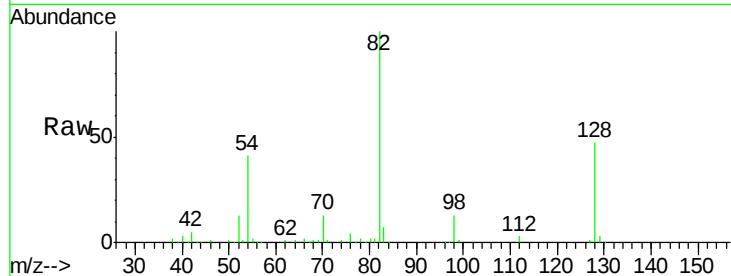




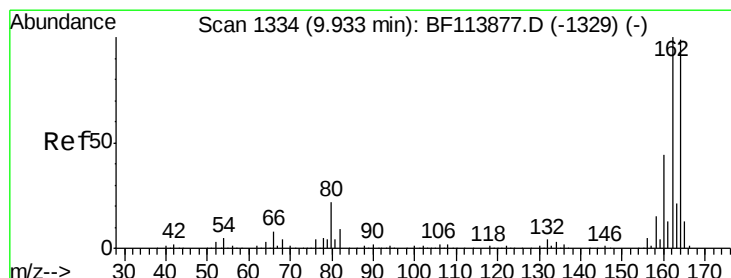
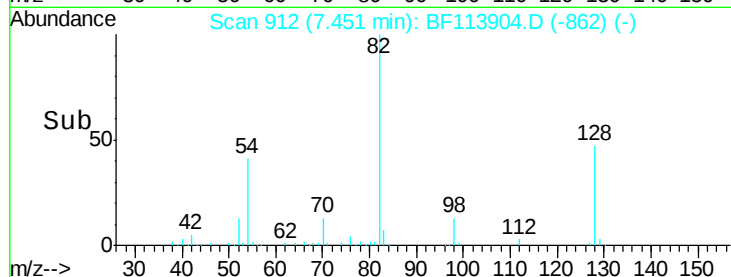
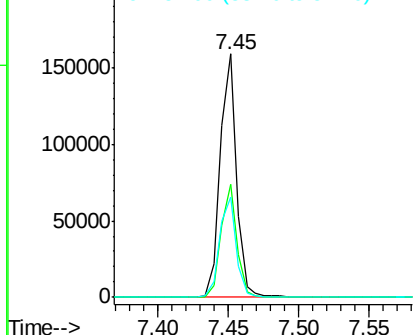
#23
Nitrobenzene-d5
Concen: 11.979 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113904.D
Acq: 23 Apr 2019 3:06

Instrument :
BNA_F
ClientSampleId :
SU-02-041819-A

Tgt Ion: 82 Resp: 128430
Ion Ratio Lower Upper
82 100
128 46.7 36.8 55.2
54 41.0 33.8 50.6

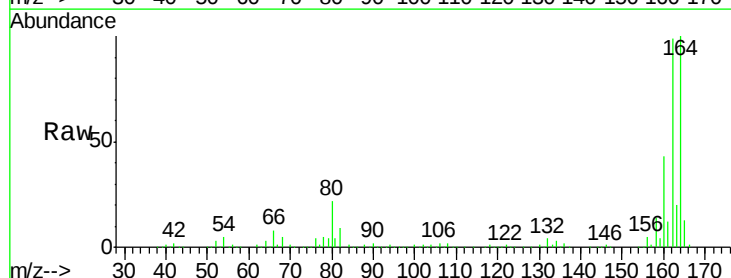


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

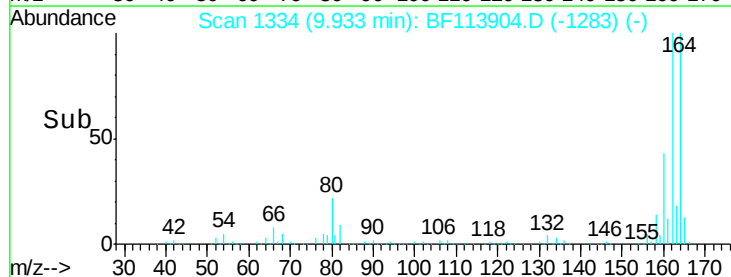
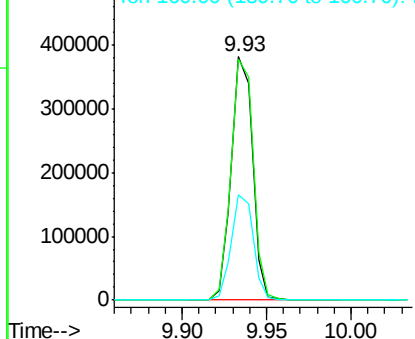


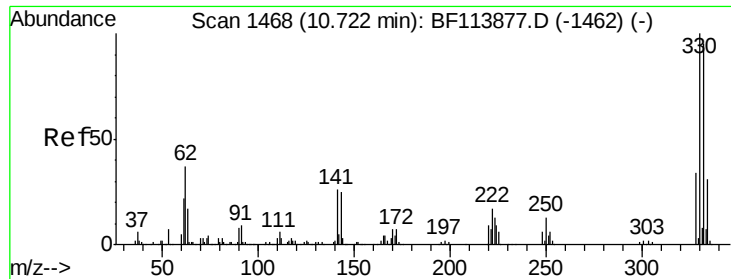
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113904.D
Acq: 23 Apr 2019 3:06

Tgt Ion: 164 Resp: 335136
Ion Ratio Lower Upper
164 100
162 99.3 81.1 121.7
160 43.1 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

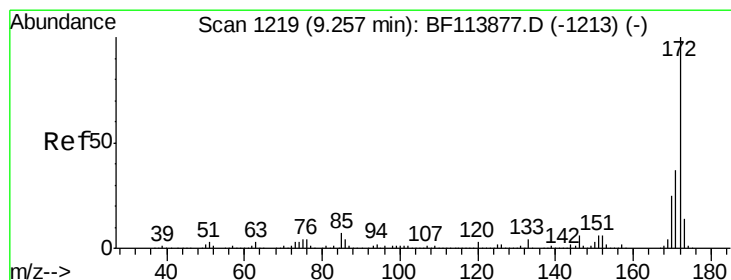
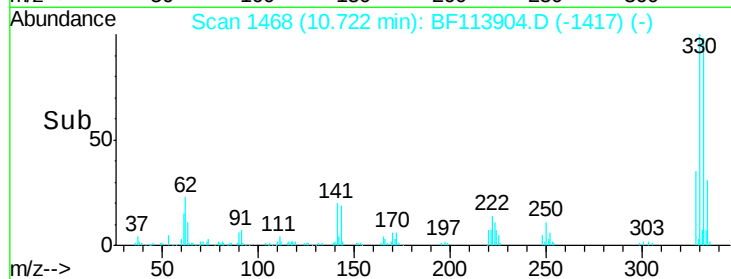
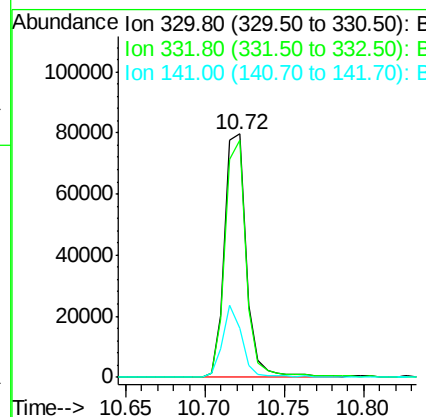
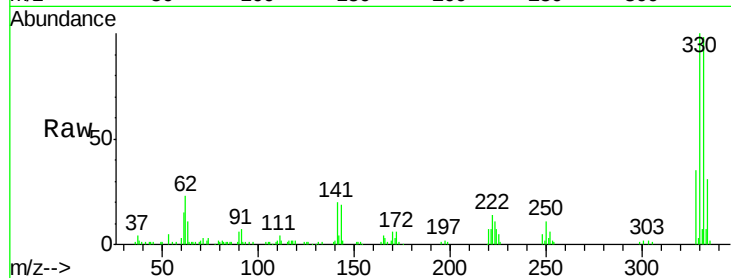




#42
 2,4,6-Tribromophenol
 Concen: 18.746 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113904.D
 Acq: 23 Apr 2019 3:06

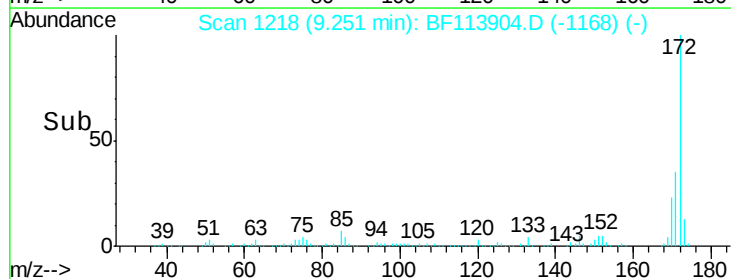
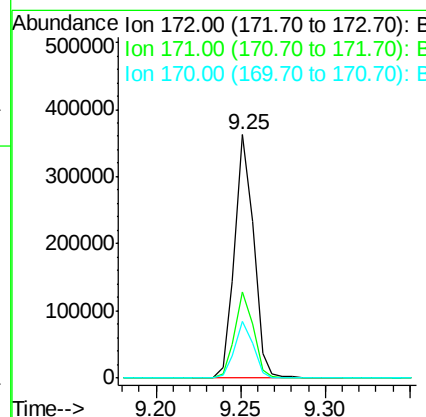
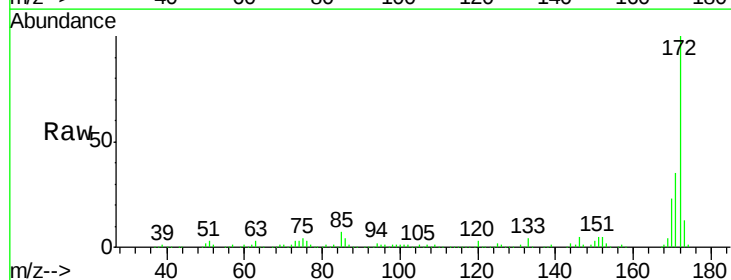
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-041819-A

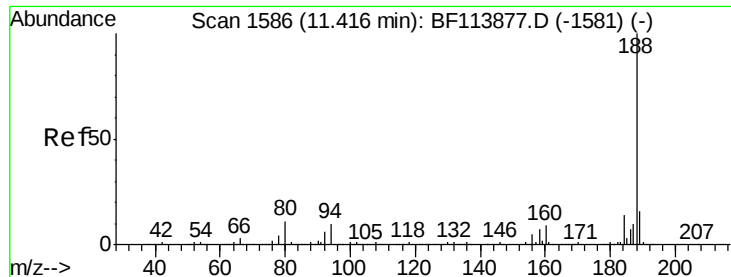
Tgt Ion: 330 Resp: 76535
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.5 116.3
 141 26.4 22.2 33.2



#45
 2-Fluorobiphenyl
 Concen: 13.287 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113904.D
 Acq: 23 Apr 2019 3:06

Tgt Ion: 172 Resp: 284719
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.4 44.0
 170 23.1 19.9 29.9

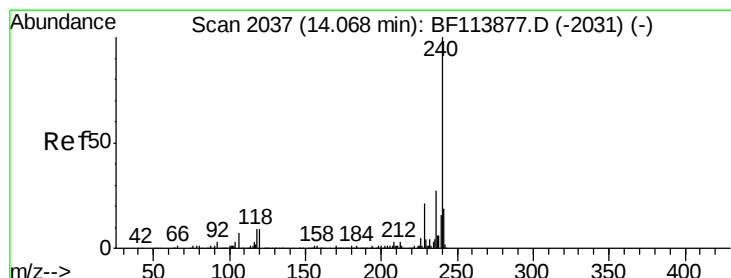
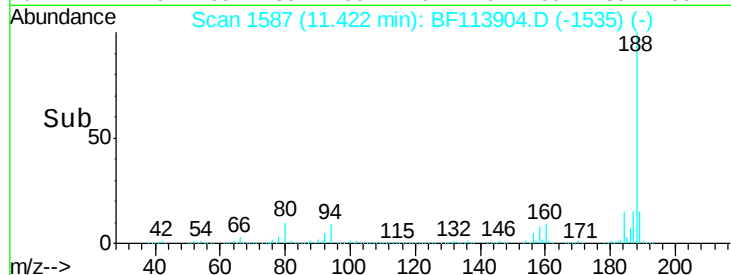
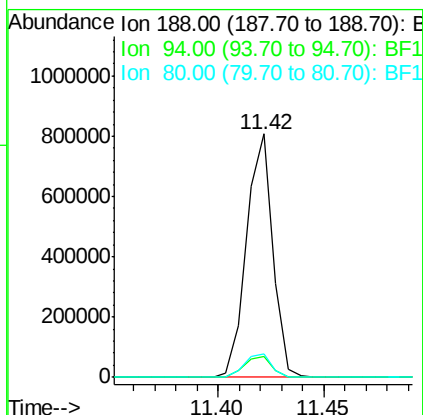
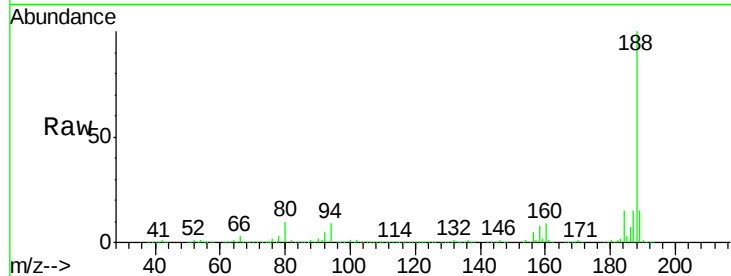




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF113904.D
Acq: 23 Apr 2019 3:06

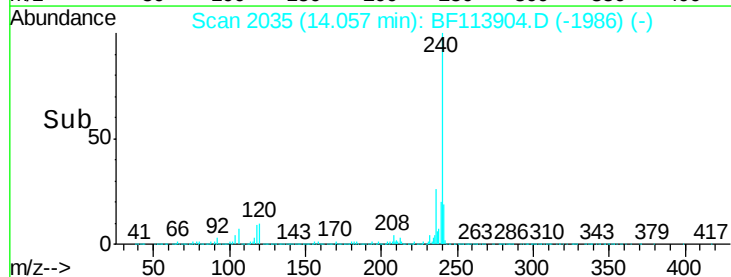
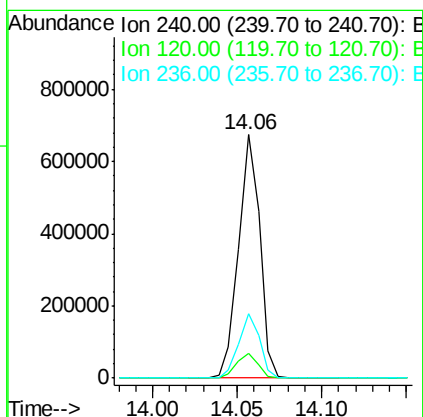
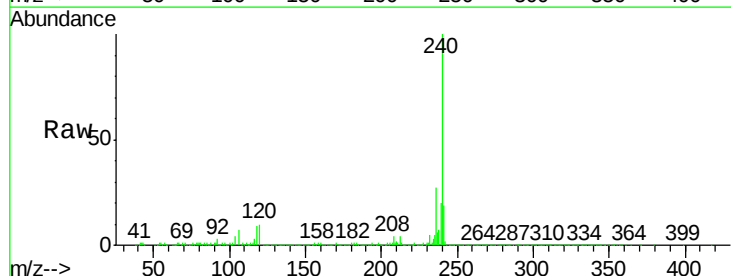
Instrument :
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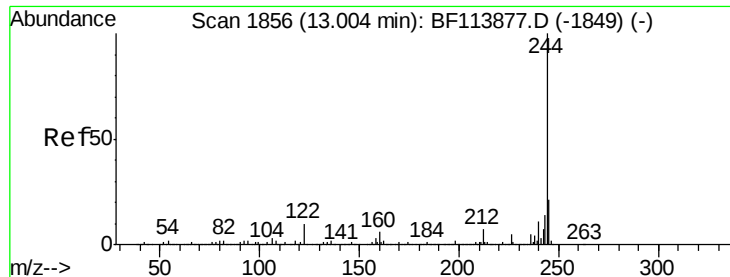
Tgt Ion:188 Resp: 698413
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.4
80 9.8 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113904.D
Acq: 23 Apr 2019 3:06

Tgt Ion:240 Resp: 588576
Ion Ratio Lower Upper
240 100
120 10.2 9.3 13.9
236 26.5 21.2 31.8





#79

Terphenyl-d14

Concen: 14.116 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF113904.D

Acq: 23 Apr 2019 3:06

Instrument :

BNA_F

ClientSampleId :

SU-02-041819-A

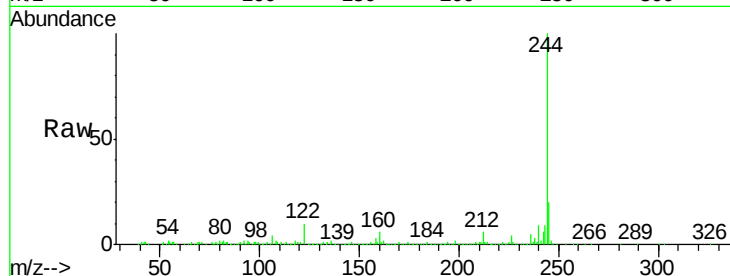
Tgt Ion:244 Resp: 405257

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

122 10.1 7.6 11.4



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

600000

500000

400000

300000

200000

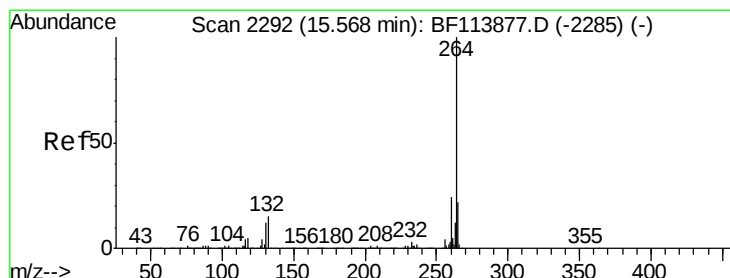
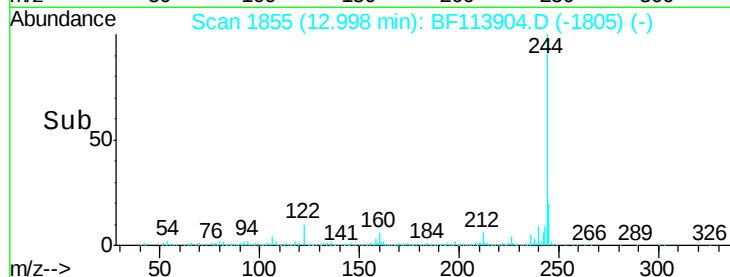
100000

0

13.00

13.10

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.03 min

Lab File: BF113904.D

Acq: 23 Apr 2019 3:06

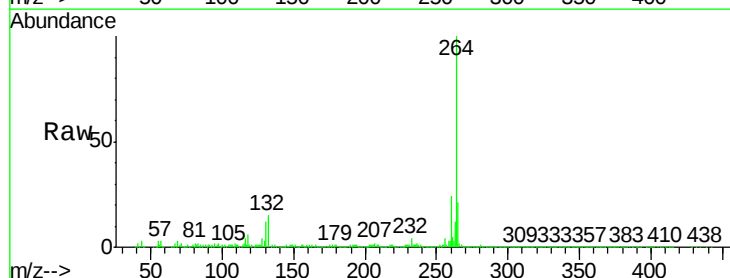
Tgt Ion:264 Resp: 479664

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 21.3 17.3 25.9



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

500000

400000

300000

200000

100000

0

15.54

15.60

Time-->

