

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
 Data File : BF112467.D
 Acq On : 8 Feb 2019 18:42
 Operator : JU/SJ
 Sample : K1411-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EIGI-RO-294

Quant Time: Feb 11 12:36:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

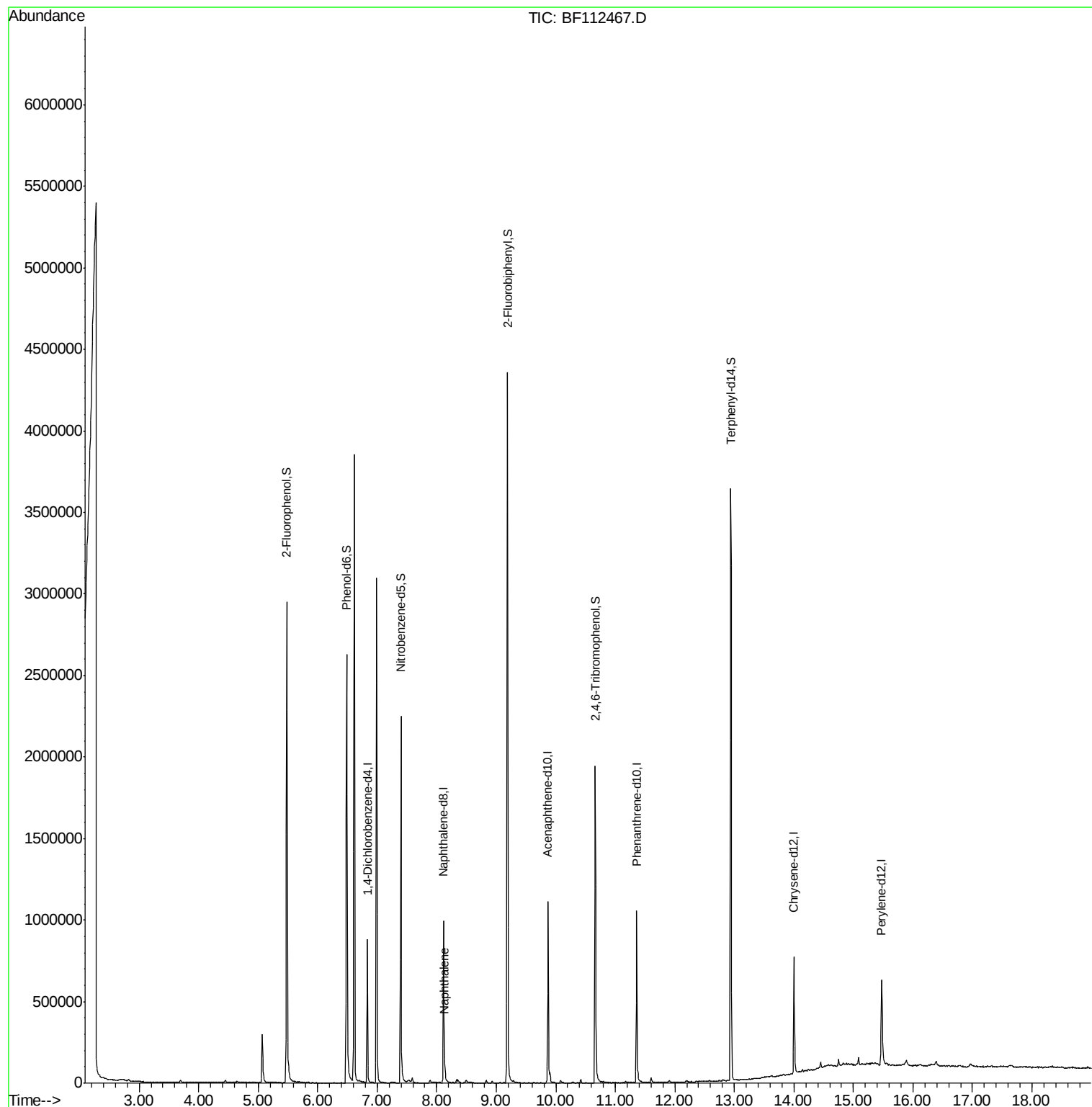
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	129944	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	493624	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	232988	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	400735	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	267765	20.00	ng	0.00
87) Perylene-d12	15.47	264	279343	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	887088	145.00	ng	0.00
7) Phenol-d6	6.49	99	995152	117.06	ng	0.00
23) Nitrobenzene-d5	7.40	82	771121	90.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	266963	98.44	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1500726	91.10	ng	-0.01
79) Terphenyl-d14	12.94	244	1327813	93.40	ng	-0.01
Target Compounds						
31) Naphthalene	8.13	128	55501	2.404	ng	Qvalue 98

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

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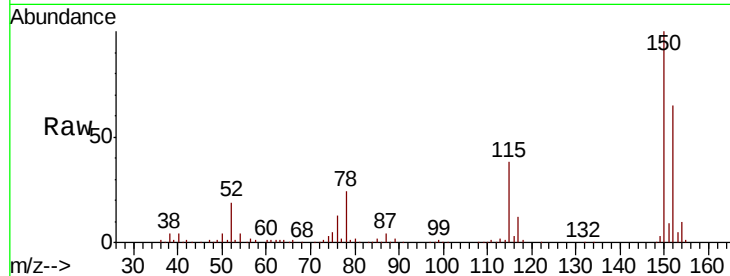


#1

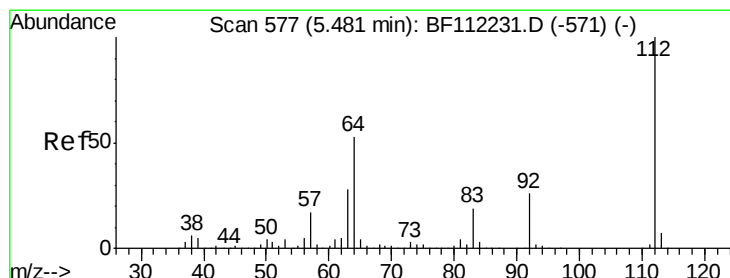
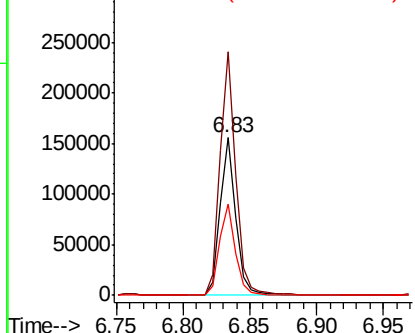
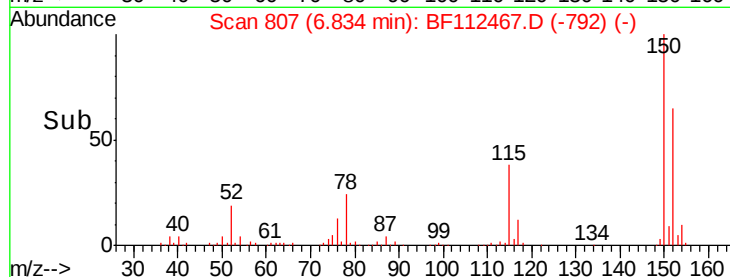
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112467.D
 Acq: 8 Feb 2019 18:42

Instrument :
 BNA_F
 ClientSampleId :
 EIGI-RO-294

Tot Ion:152 Resp: 129944
 Ion Ratio Lower Upper
 152 100
 150 154.5 127.4 191.0
 115 58.2 45.5 68.3



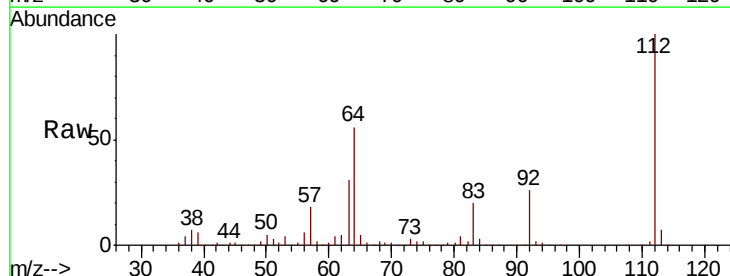
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



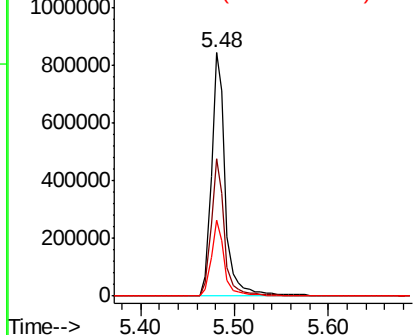
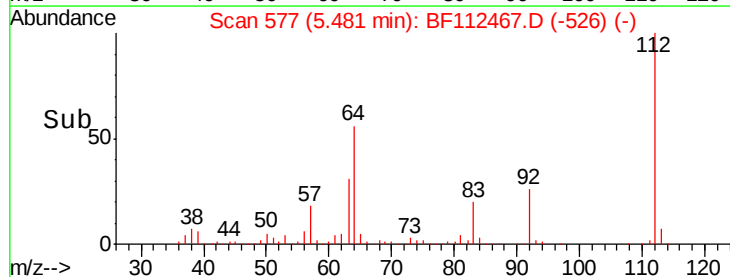
#5

2-Fluorophenol
 Concen: 145.003 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF112467.D
 Acq: 8 Feb 2019 18:42

Tgt Ion:112 Resp: 887088
 Ion Ratio Lower Upper
 112 100
 64 56.4 45.7 68.5
 63 31.2 23.6 35.4



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: 117.065 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112467.D

Acq: 8 Feb 2019 18:42

Instrument :

BNA_F

ClientSampleId :

EIGI-RO-294

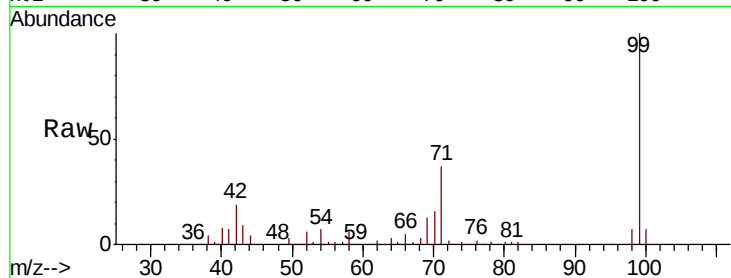
Tot Ion: 99 Resp: 995152

Ion Ratio Lower Upper

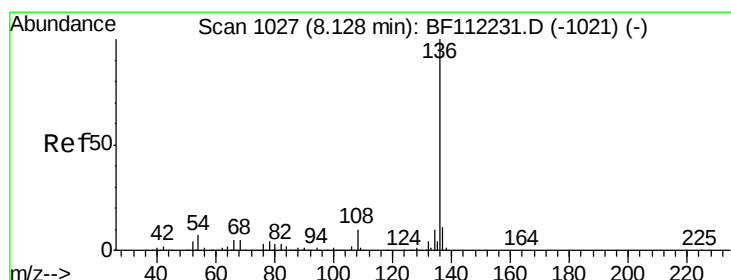
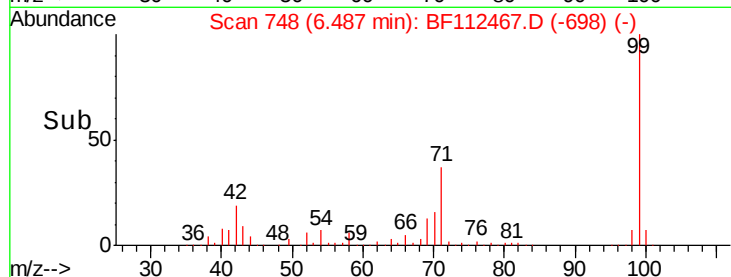
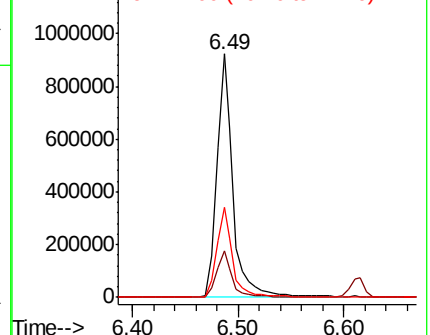
99 100

42 18.9 15.1 22.7

71 37.0 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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112467.D

Acq: 8 Feb 2019 18:42

Tgt Ion: 136 Resp: 493624

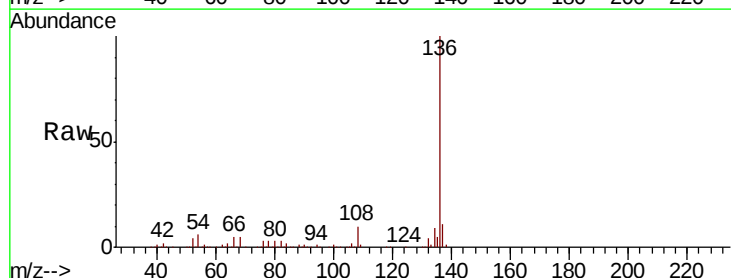
Ion Ratio Lower Upper

136 100

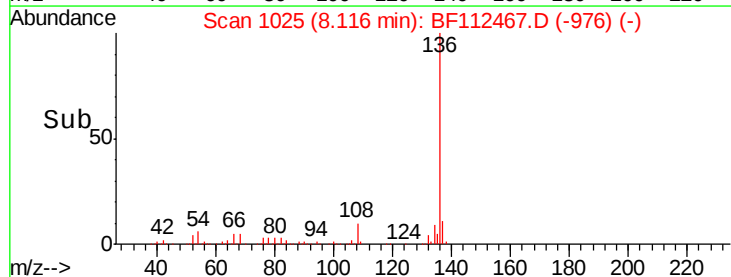
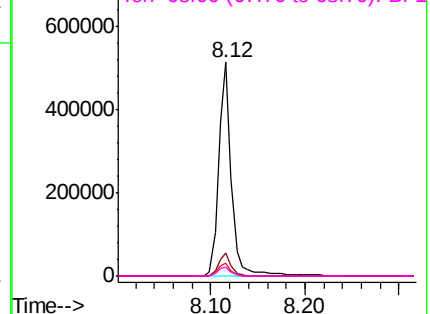
137 11.0 9.1 13.7

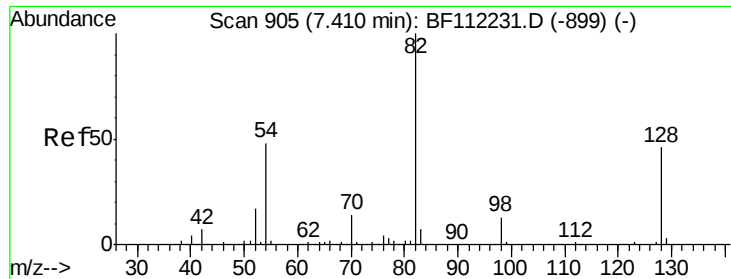
54 5.9 5.9 8.9#

68 4.5 5.1 7.7#



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: 90.011 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112467.D

Acq: 8 Feb 2019 18:42

Instrument :

BNA_F

ClientSampleId :

EIGI-RO-294

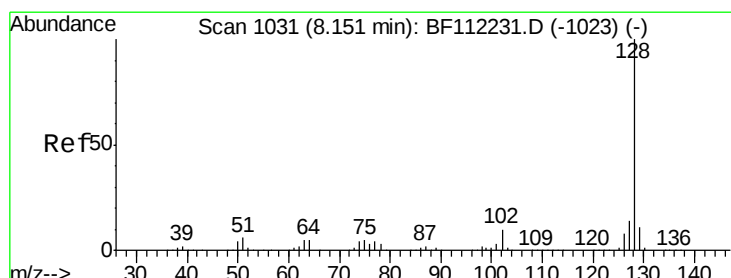
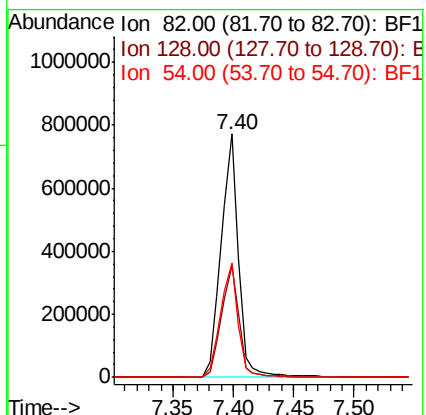
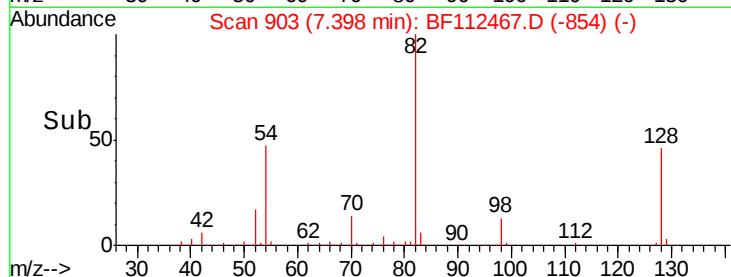
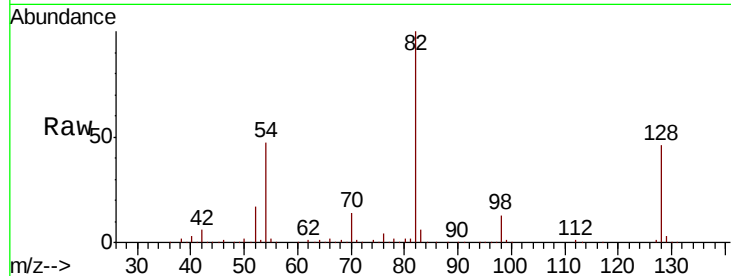
Tot Ion: 82 Resp: 771121

Ion Ratio Lower Upper

82 100

128 46.0 37.8 56.8

54 46.8 39.7 59.5



#31

Naphthalene

Concen: 2.404 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF112467.D

Acq: 8 Feb 2019 18:42

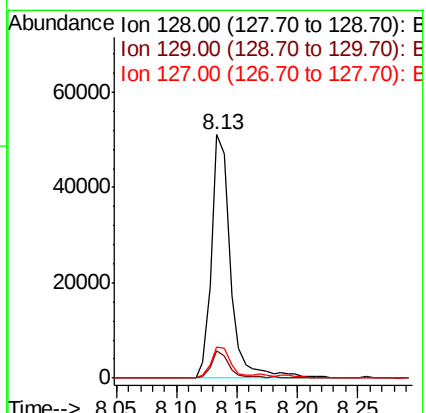
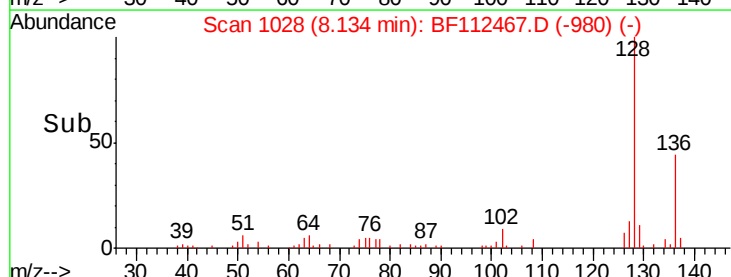
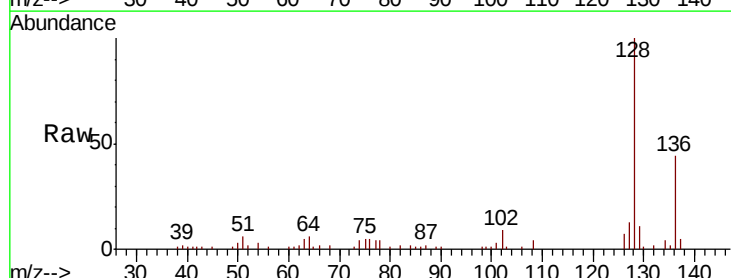
Tgt Ion: 128 Resp: 55501

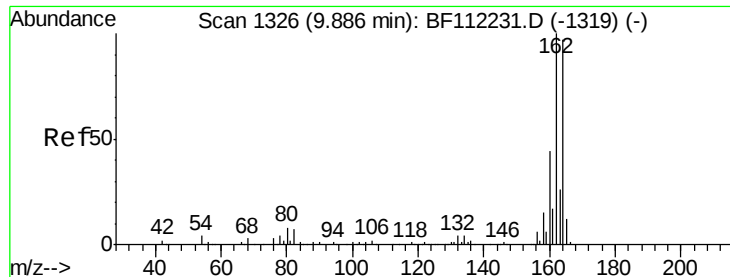
Ion Ratio Lower Upper

128 100

129 11.2 9.6 14.4

127 12.9 11.1 16.7

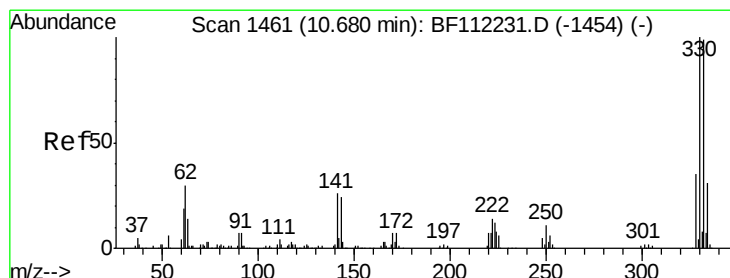
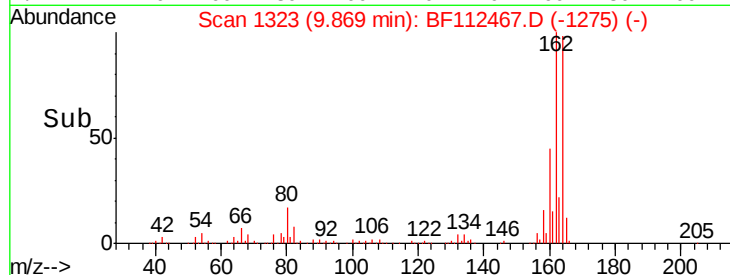
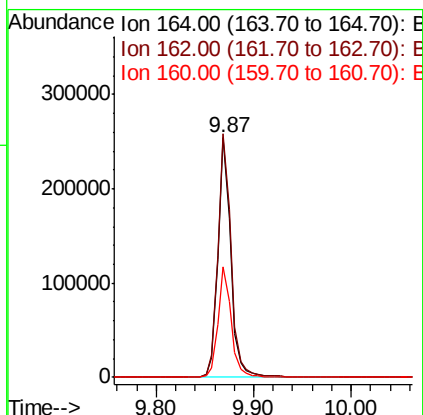
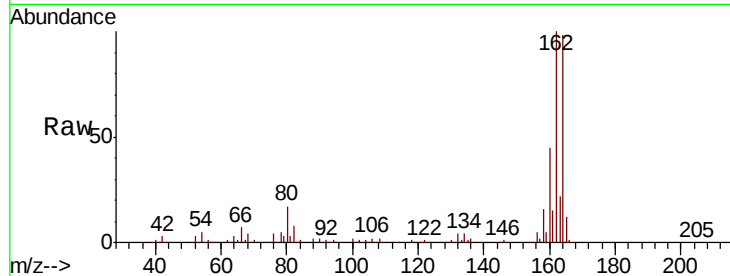




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112467.D
 Acq: 8 Feb 2019 18:42

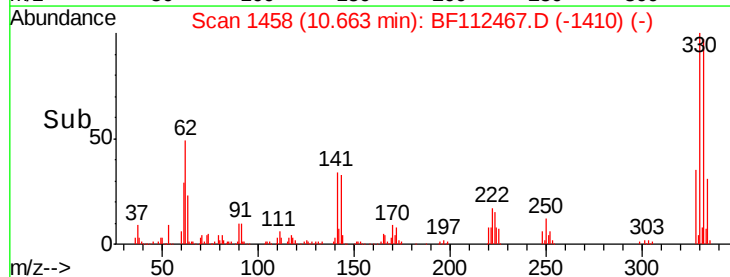
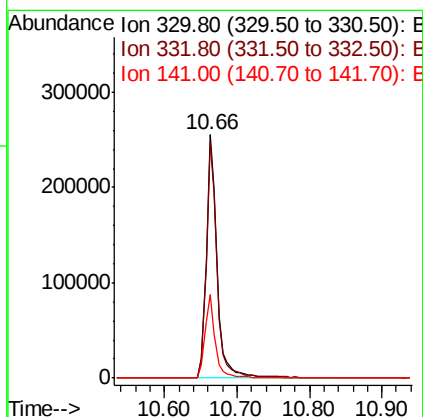
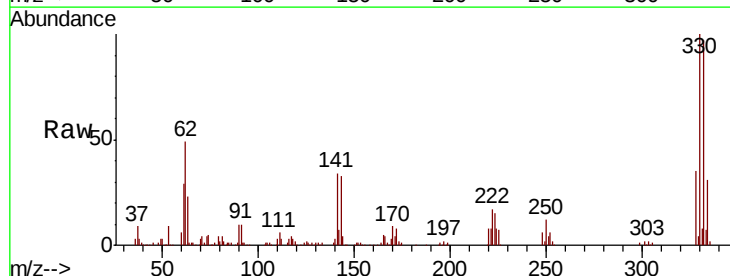
Instrument :
 BNA_F
 ClientSampleId :
 EIGI-RO-294

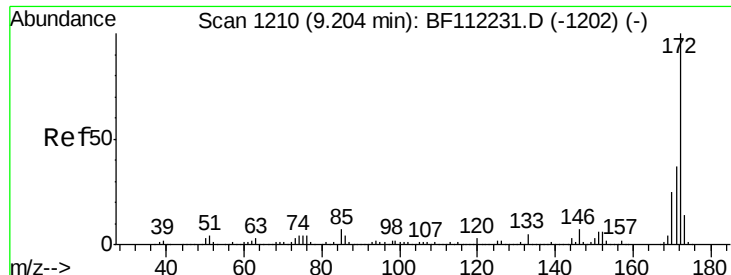
Tot Ion:164 Resp: 232988
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.2 123.4
 160 46.1 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 98.441 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112467.D
 Acq: 8 Feb 2019 18:42

Tgt Ion:330 Resp: 266963
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 32.8 24.3 36.5

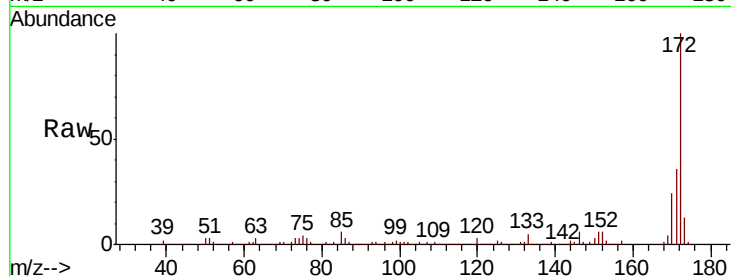




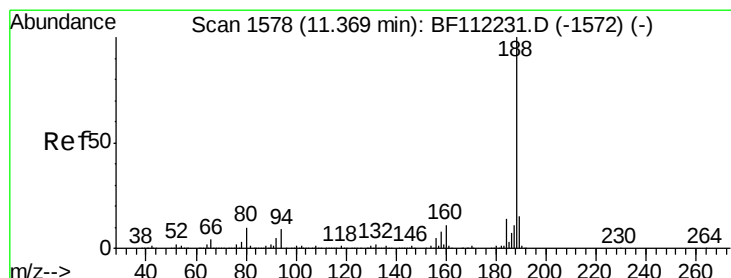
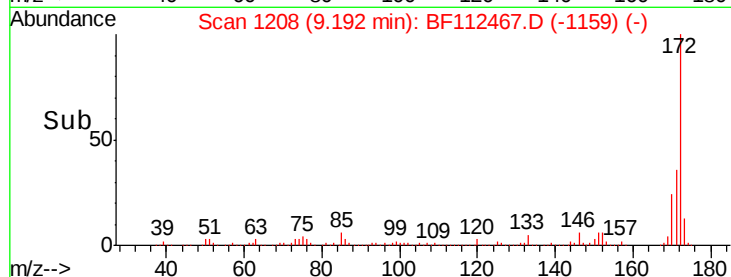
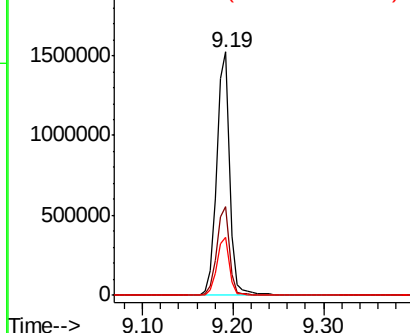
#45
2-Fluorobiphenyl
Concen: 91.100 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Instrument :
BNA_F
ClientSampleId :
EIGI-RO-294

Tot Ion:172 Resp: 1500726
Ion Ratio Lower Upper
172 100
171 36.3 30.5 45.7
170 23.7 20.2 30.4

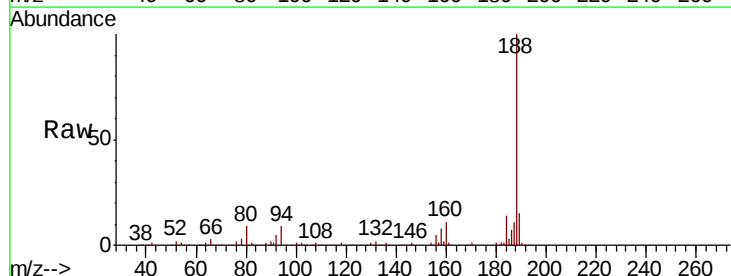


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

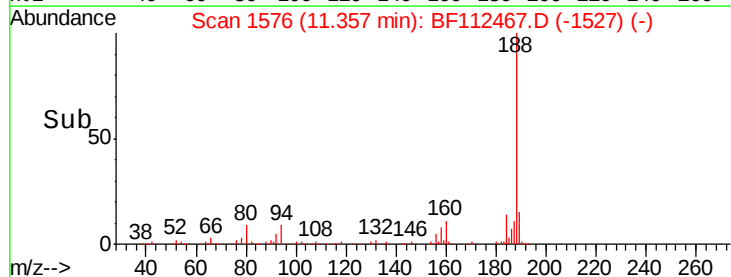
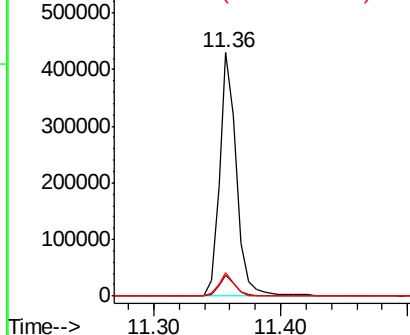


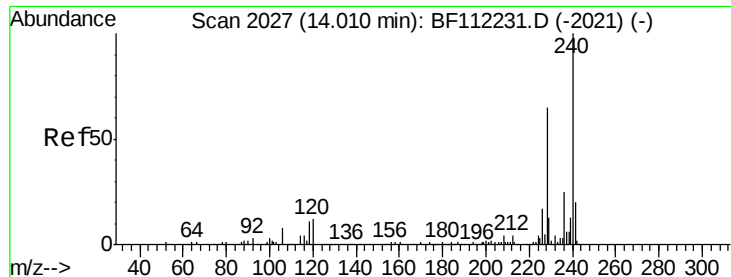
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Tgt Ion:188 Resp: 400735
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 9.4 8.9 13.3



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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112467.D

Acq: 8 Feb 2019 18:42

Instrument :

BNA_F

ClientSampleId :

EIGI-RO-294

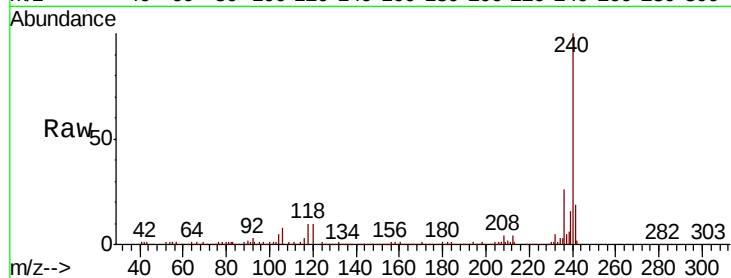
Tot Ion:240 Resp: 267765

Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.6

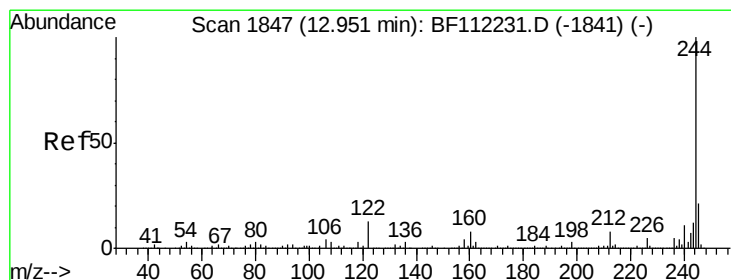
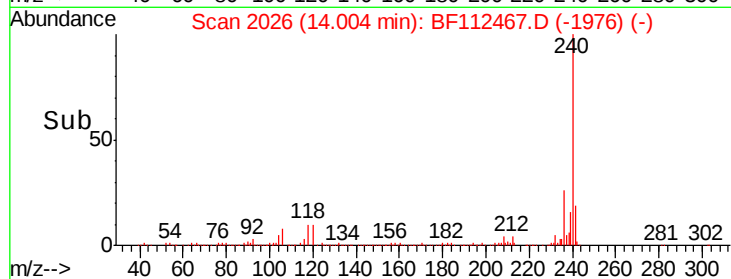
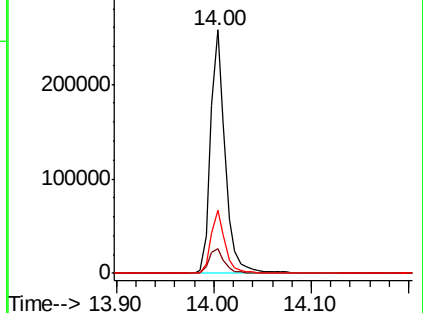
236 25.9 20.7 31.1



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: 93.398 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112467.D

Acq: 8 Feb 2019 18:42

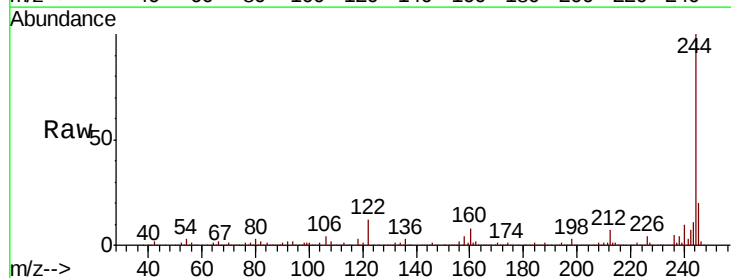
Tgt Ion:244 Resp: 1327813

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

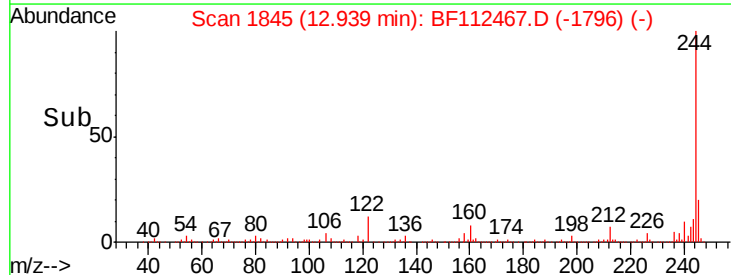
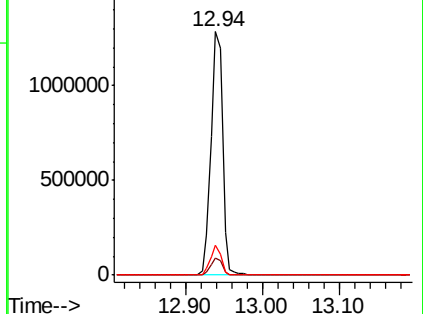
122 12.3 9.8 14.6

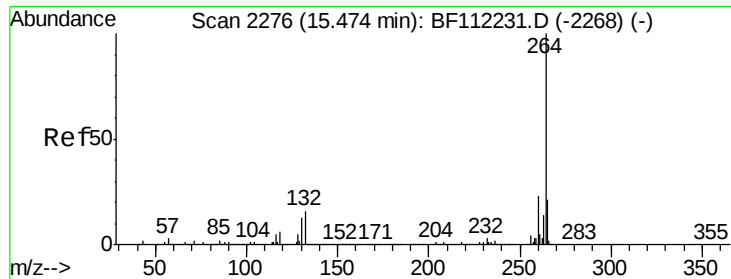


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

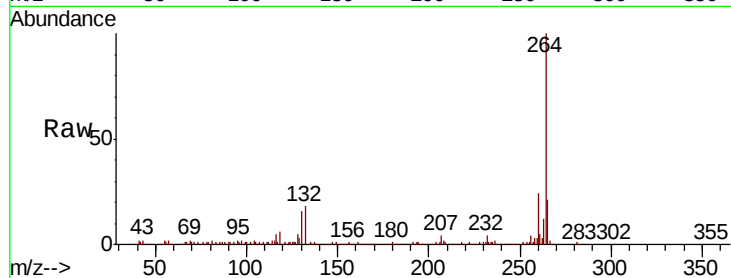




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Instrument :
BNA_F
ClientSampleId :
EIGI-RO-294

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.2
265	21.5	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

