

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
 Data File : BF112659.D
 Acq On : 21 Feb 2019 18:12
 Operator : JU/SJ
 Sample : K1538-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-11-A-D

Quant Time: Feb 22 02:53:22 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	6.82	152	92111	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	355454	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	172623	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	322826	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	207874	20.00	ng	-0.01
87) Perylene-d12	15.47	264	191103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	633830	146.16	ng	-0.01
7) Phenol-d6	6.47	99	693499	115.09	ng	-0.02
23) Nitrobenzene-d5	7.39	82	605591	98.17	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	295073	146.85	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1205915	98.80	ng	-0.03
79) Terphenyl-d14	12.93	244	1172386	106.22	ng	-0.02

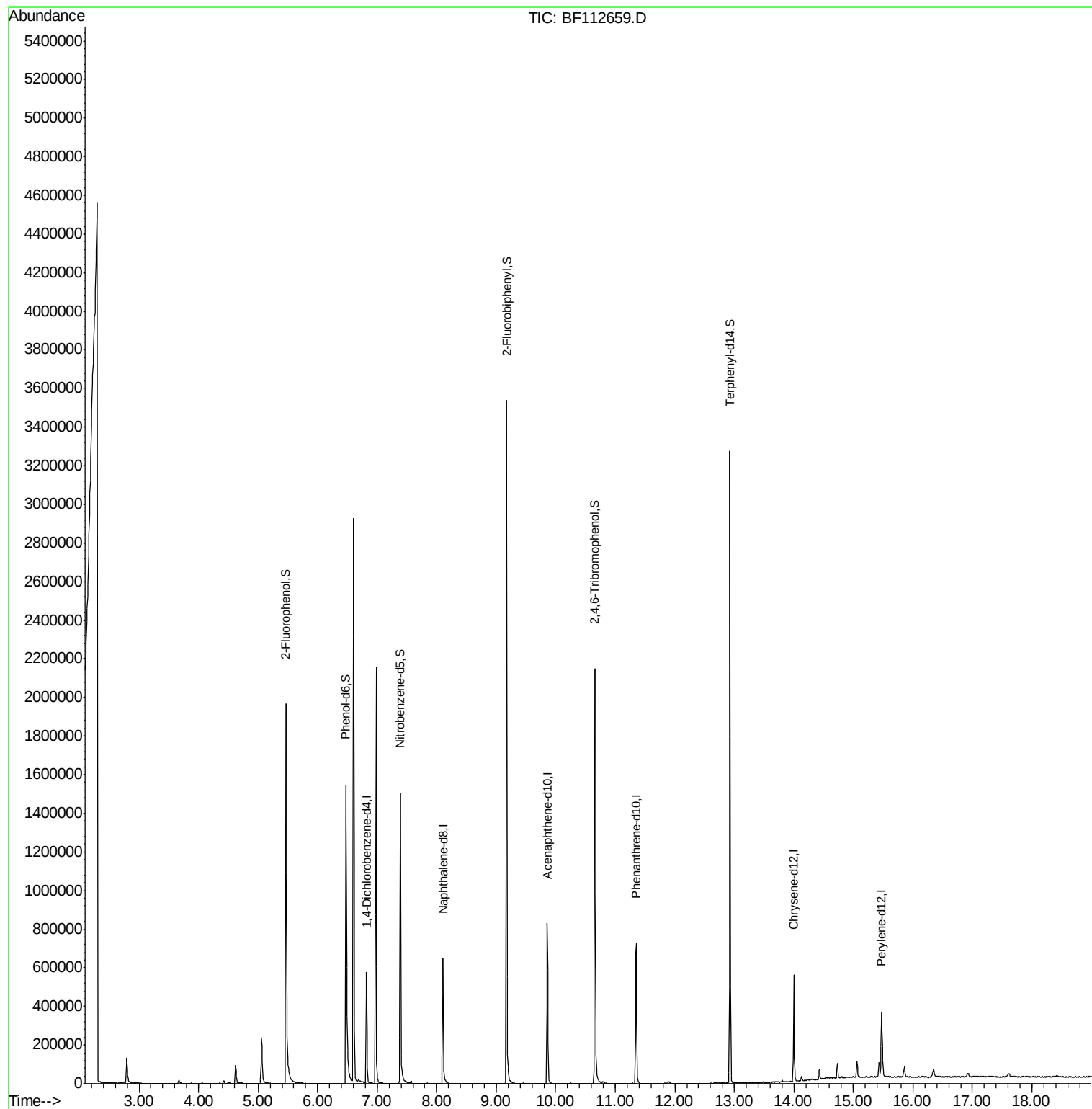
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF112659.D

Acq: 21 Feb 2019 18:12

Instrument :

BNA_F

ClientSampleId :

M-11-A-D

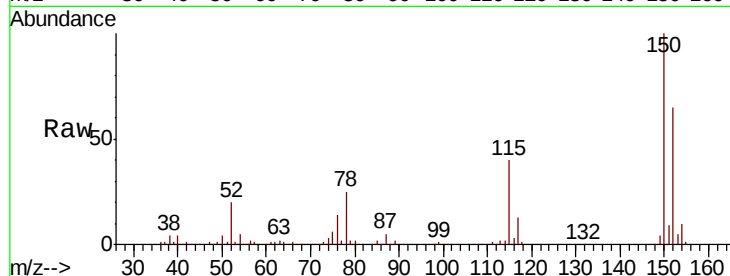
Tot Ion:152 Resp: 92111

Ion Ratio Lower Upper

152 100

150 153.3 127.4 191.0

115 61.5 45.5 68.3

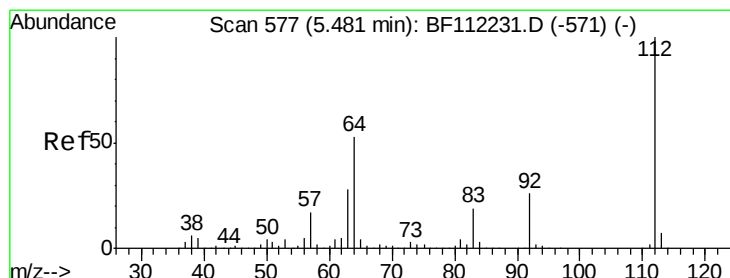
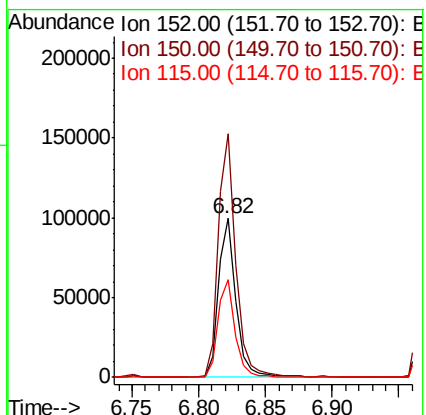
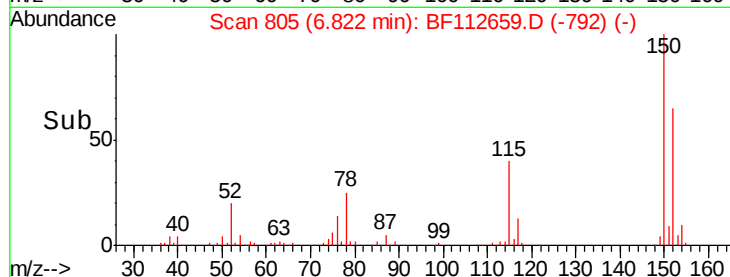


Abundance

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: 146.160 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112659.D

Acq: 21 Feb 2019 18:12

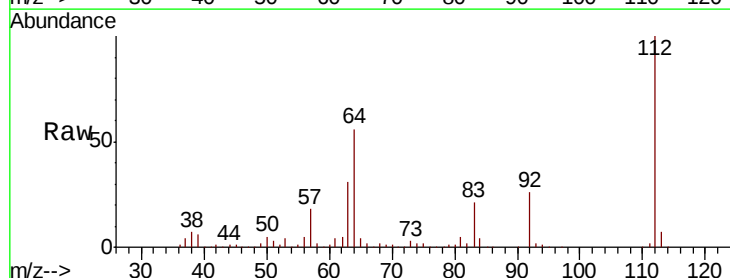
Tgt Ion:112 Resp: 633830

Ion Ratio Lower Upper

112 100

64 55.7 45.7 68.5

63 31.1 23.6 35.4

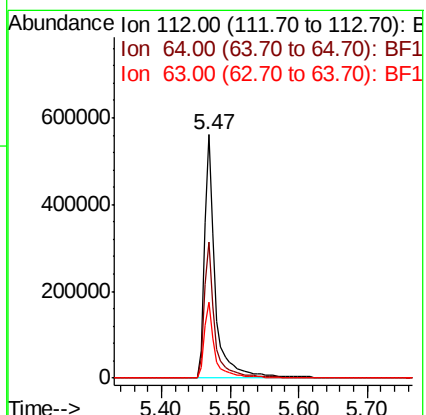
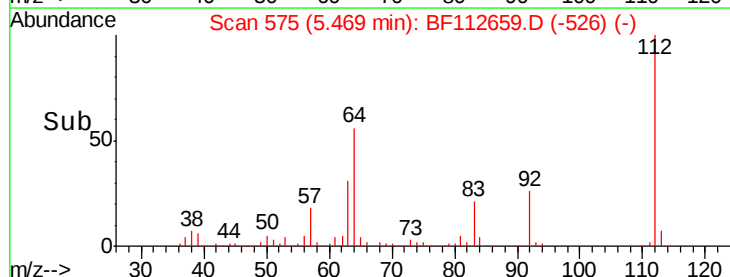


Abundance

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: 115.087 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112659.D

Acq: 21 Feb 2019 18:12

Instrument :

BNA_F

ClientSampleId :

M-11-A-D

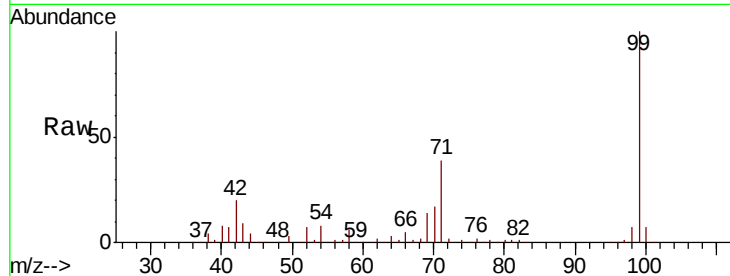
Tot Ion: 99 Resp: 693499

Ion Ratio Lower Upper

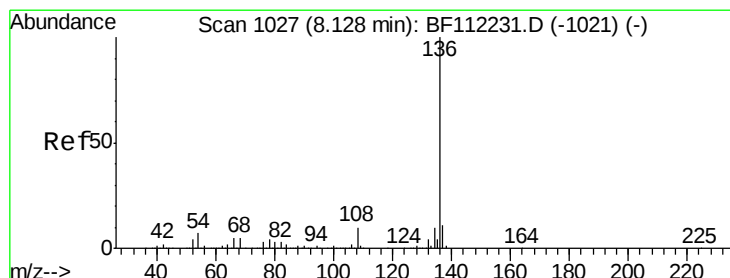
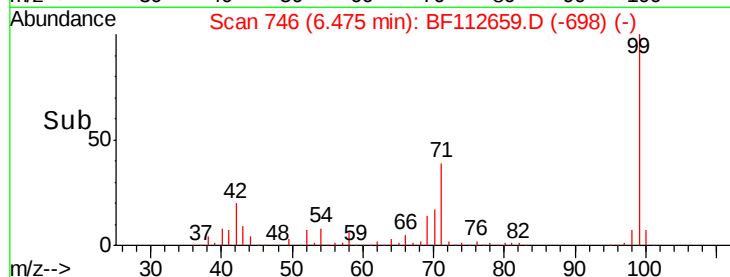
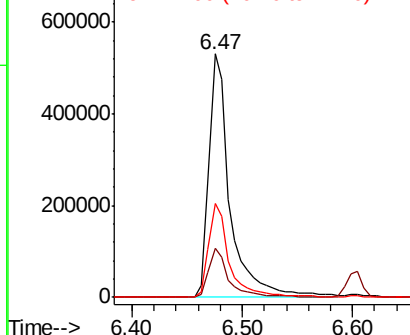
99 100

42 20.3 15.1 22.7

71 38.7 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: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF112659.D

Acq: 21 Feb 2019 18:12

Tgt Ion: 136 Resp: 355454

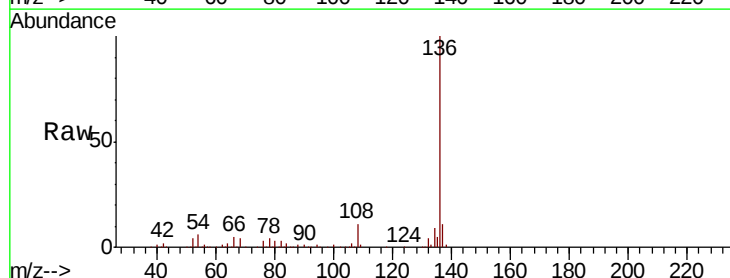
Ion Ratio Lower Upper

136 100

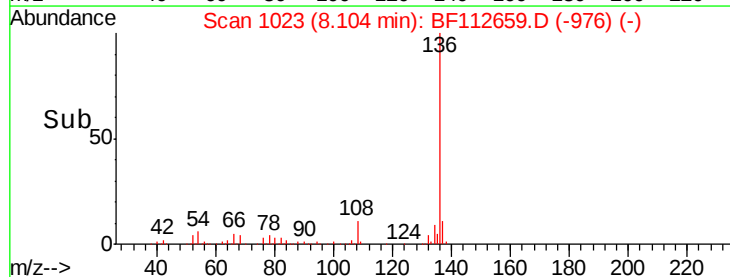
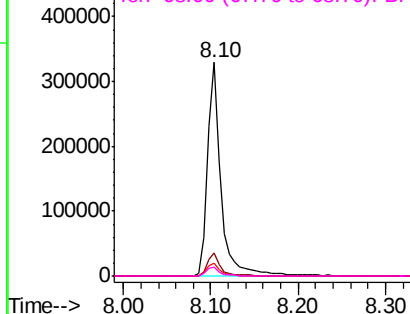
137 10.9 9.1 13.7

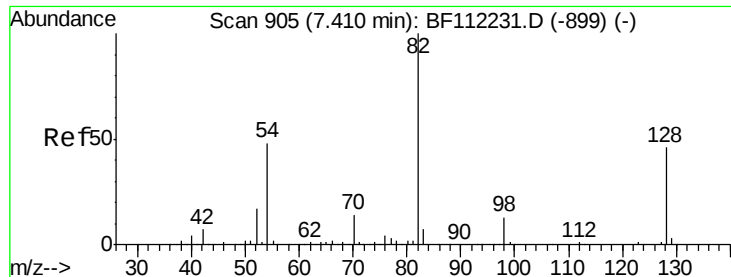
54 6.2 5.9 8.9

68 4.2 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

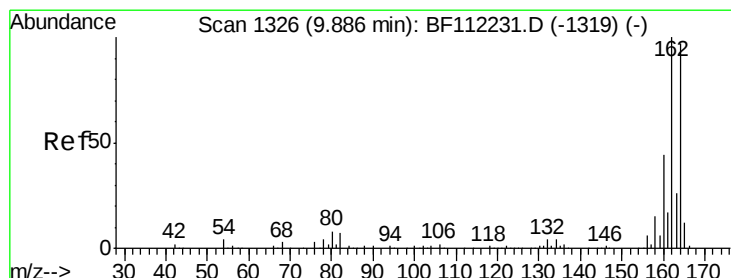
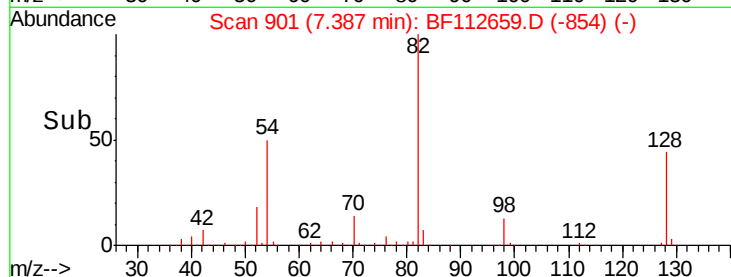
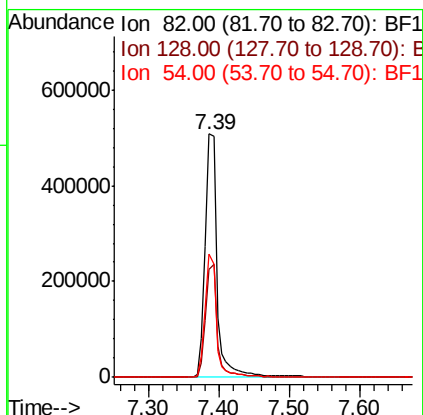
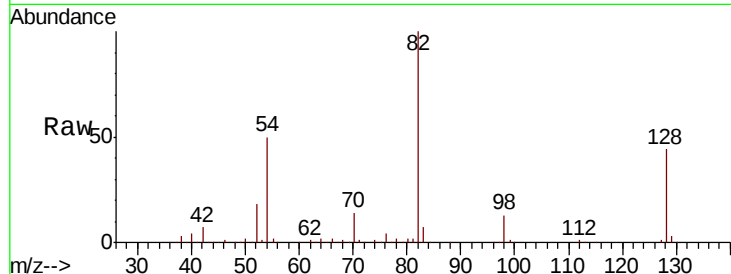




#23
 Nitrobenzene-d5
 Concen: 98.167 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF112659.D
 Acq: 21 Feb 2019 18:12

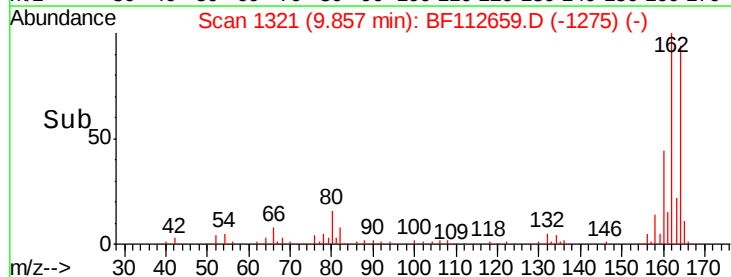
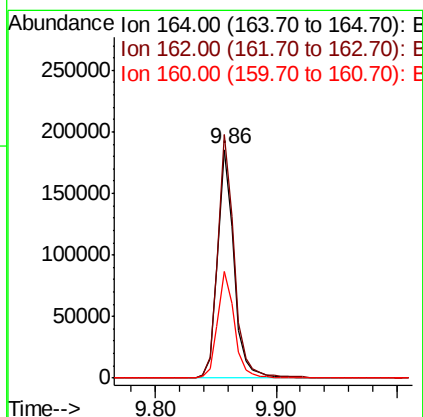
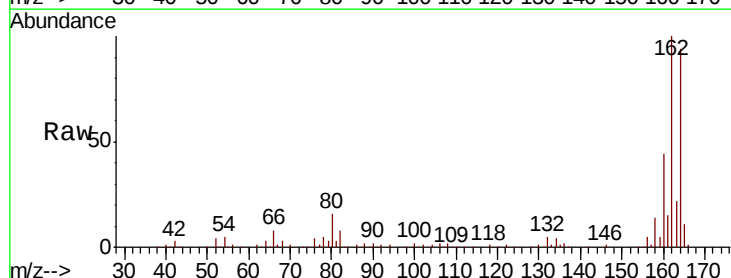
Instrument :
 BNA_F
 ClientSampleId :
 M-11-A-D

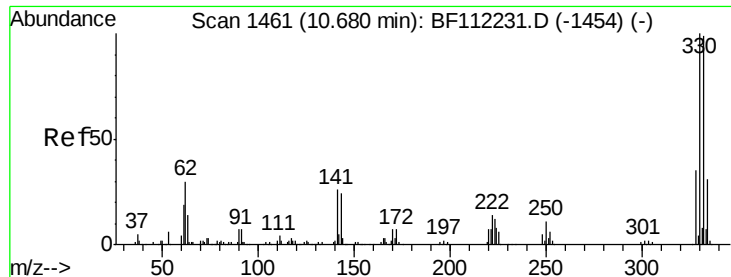
Tot Ion	82	Resp	605591
Ion Ratio	100	Lower	Upper
128	44.3	37.8	56.8
54	50.4	39.7	59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF112659.D
 Acq: 21 Feb 2019 18:12

Tgt Ion	164	Resp	172623
Ion Ratio	100	Lower	Upper
162	106.4	82.2	123.4
160	46.4	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 146.855 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF112659.D

Acq: 21 Feb 2019 18:12

Instrument :

BNA_F

ClientSampleId :

M-11-A-D

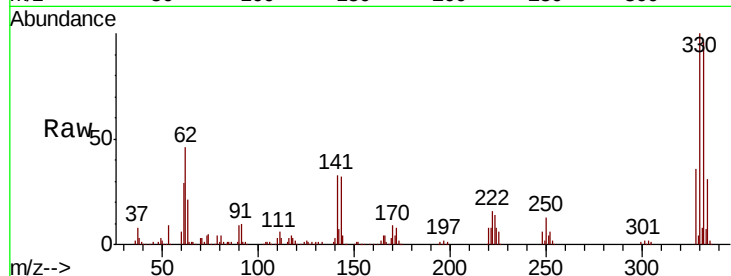
Tot Ion:330 Resp: 295073

Ion Ratio Lower Upper

330 100

332 95.8 76.6 114.8

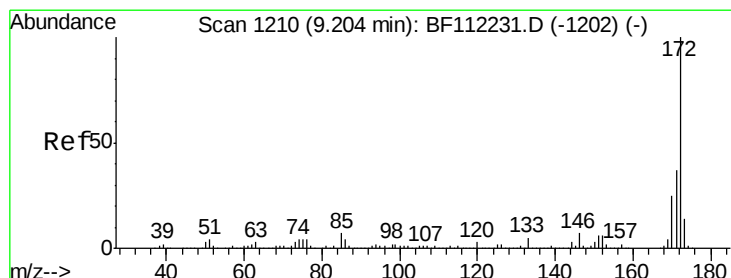
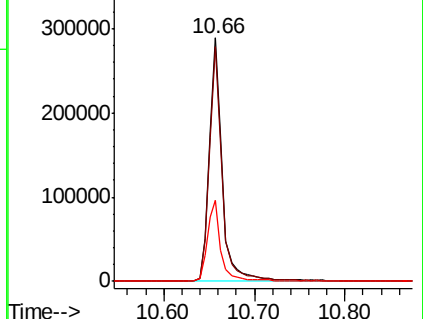
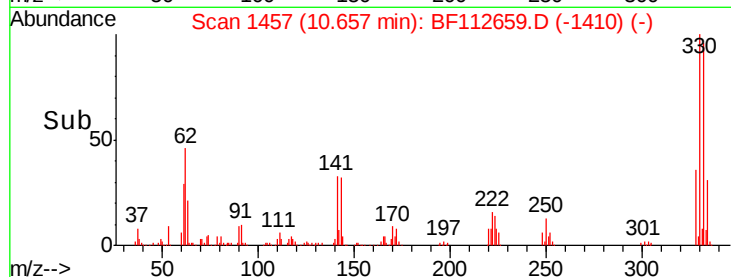
141 34.5 24.3 36.5



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: 98.803 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BF112659.D

Acq: 21 Feb 2019 18:12

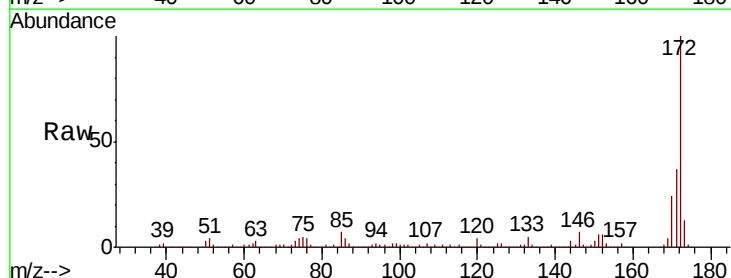
Tgt Ion:172 Resp: 1205915

Ion Ratio Lower Upper

172 100

171 36.8 30.5 45.7

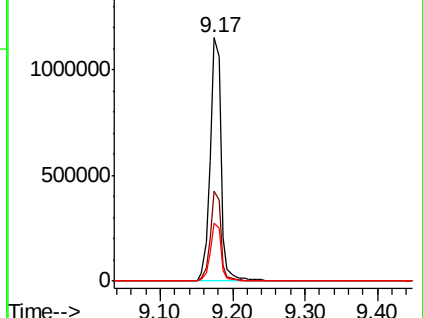
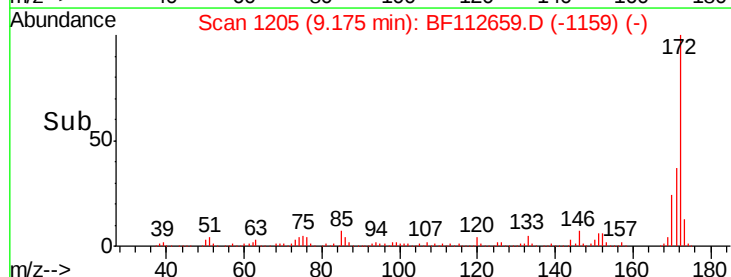
170 23.7 20.2 30.4

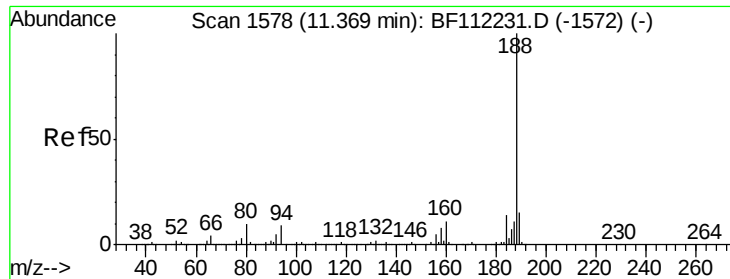


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

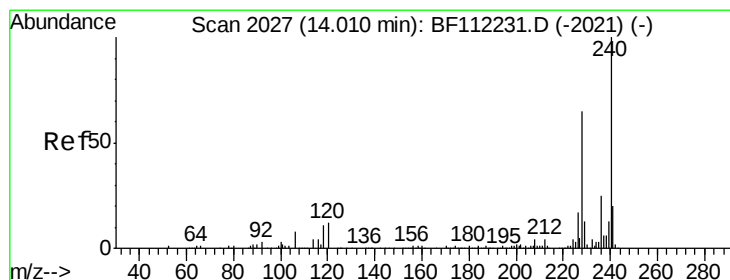
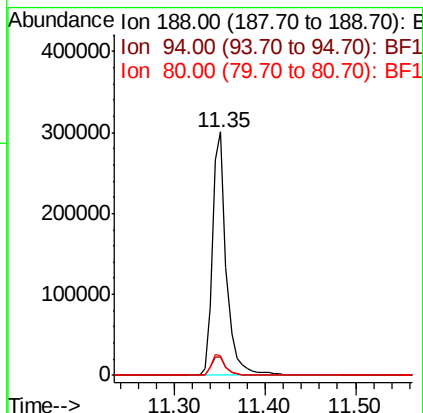
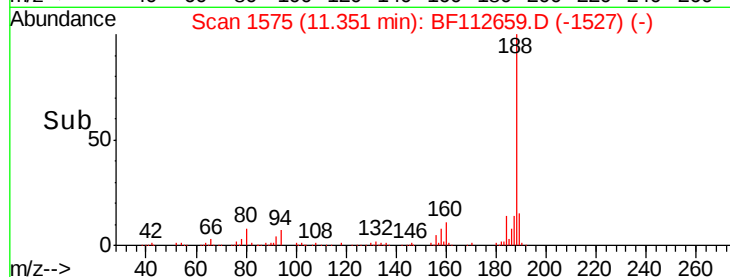
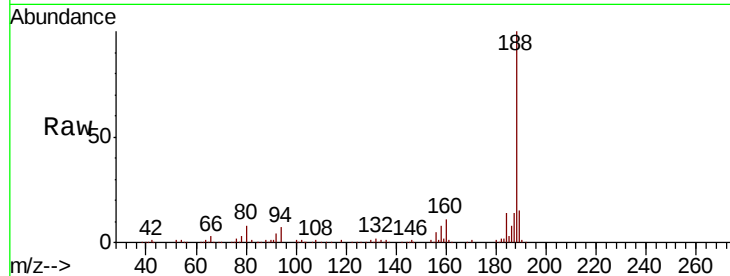




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

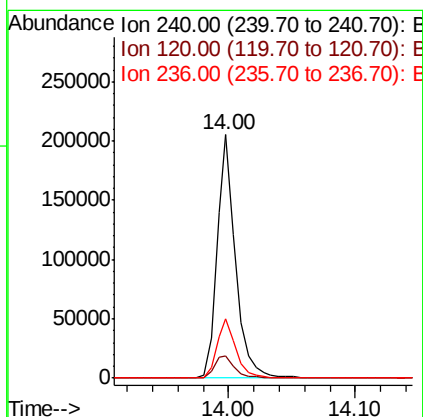
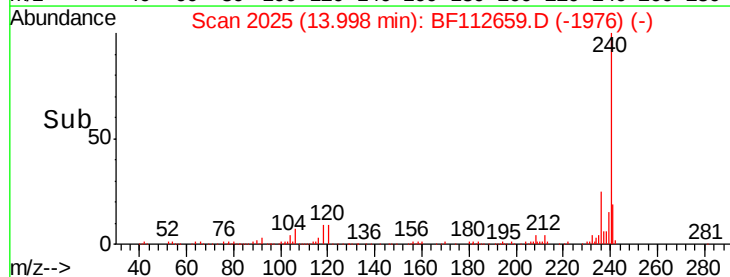
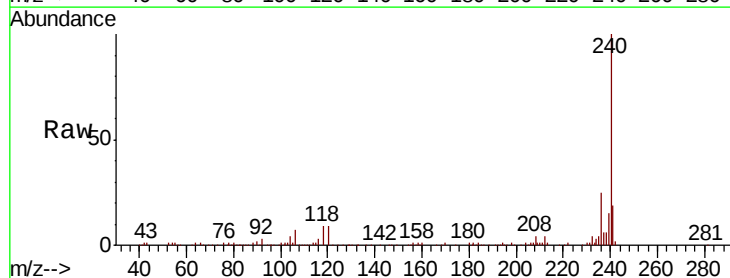
Instrument :
BNA_F
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M-11-A-D

Tot Ion:188 Resp: 322826
Ion Ratio Lower Upper
188 100
94 7.3 8.2 12.2#
80 8.0 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

Tgt Ion:240 Resp: 207874
Ion Ratio Lower Upper
240 100
120 9.2 9.0 13.6
236 24.5 20.7 31.1





#79

Terphenyl-d14

Concen: 106.224 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF112659.D

Acq: 21 Feb 2019 18:12

Instrument :

BNA_F

ClientSampleId :

M-11-A-D

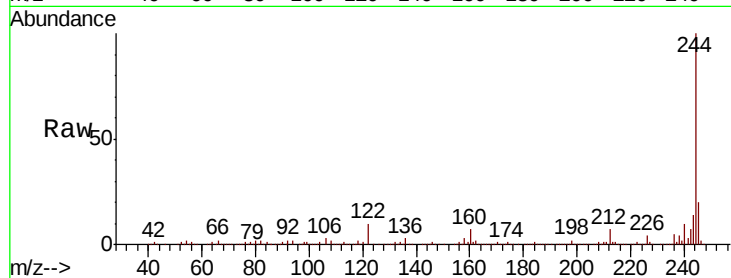
Tot Ion:244 Resp: 1172386

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

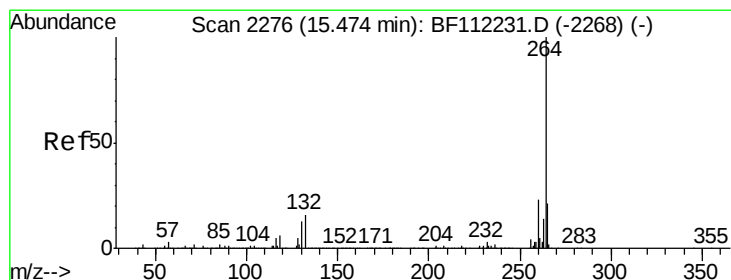
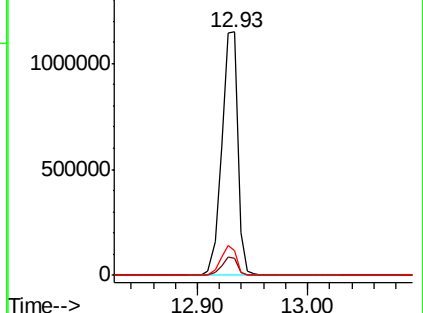
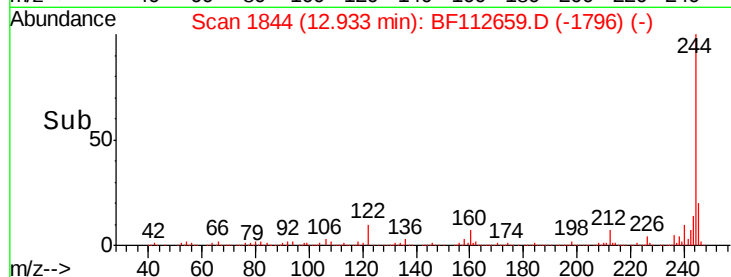
122 9.9 9.8 14.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112659.D

Acq: 21 Feb 2019 18:12

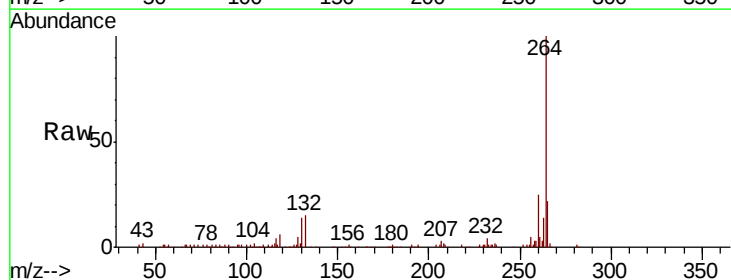
Tgt Ion:264 Resp: 191103

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.2

265 21.8 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

