

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114659.D
 Acq On : 30 May 2019 14:26
 Operator : HP/JU
 Sample : PB118819BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118819BL

Quant Time: May 31 05:54:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	447499	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1716232	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	876385	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1672998	20.00	ng	0.00
76) Chrysene-d12	13.81	240	1258096	20.00	ng	0.00
87) Perylene-d12	15.20	264	1239873	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2840066	111.43	ng	0.02
7) Phenol-d6	6.33	99	3439180	111.97	ng	0.00
23) Nitrobenzene-d5	7.25	82	2283666	83.02	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	1029885	123.33	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	4002395	85.97	ng	0.00
79) Terphenyl-d14	12.78	244	4215407	63.00	ng	0.00

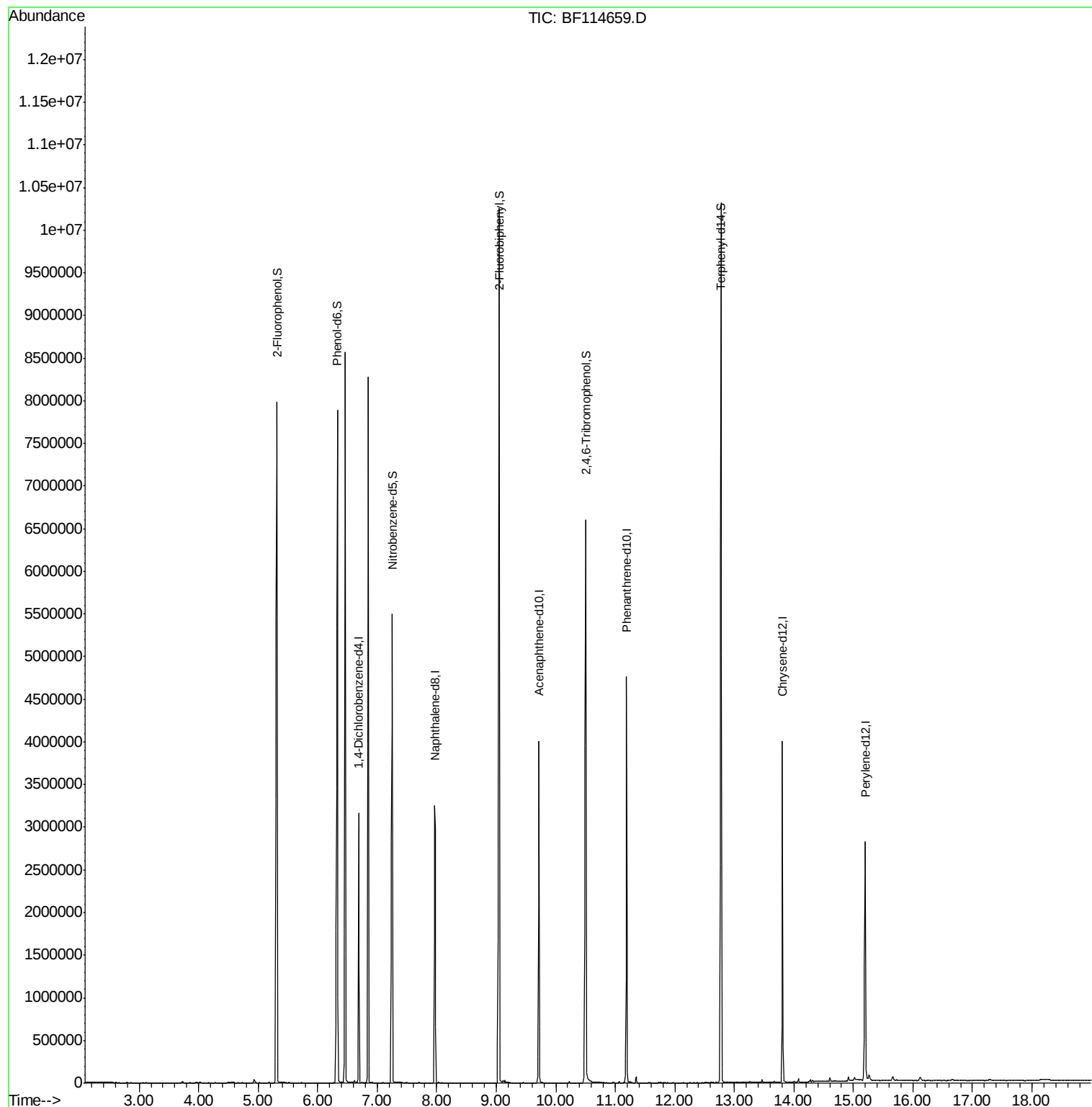
Target Compounds Qvalue

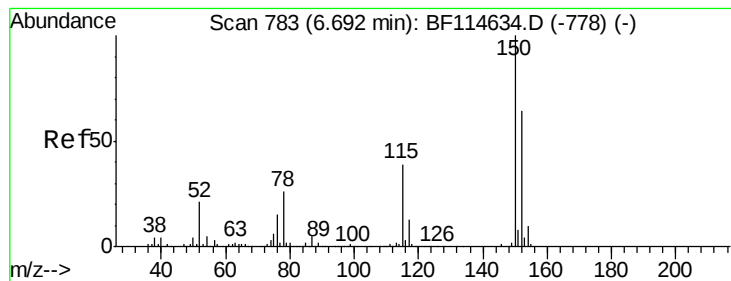
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF114659.D

Acq: 30 May 2019 14:26

Instrument :

BNA_F

ClientSampleId :

PB118819BL

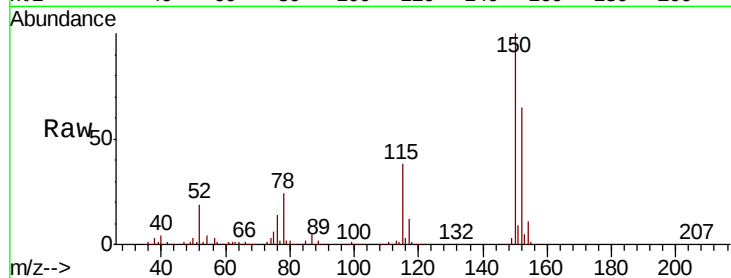
Tot Ion:152 Resp: 447499

Ion Ratio Lower Upper

152 100

150 152.8 124.4 186.6

115 58.1 48.7 73.1

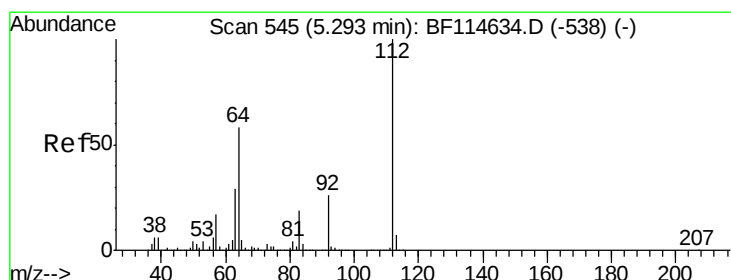
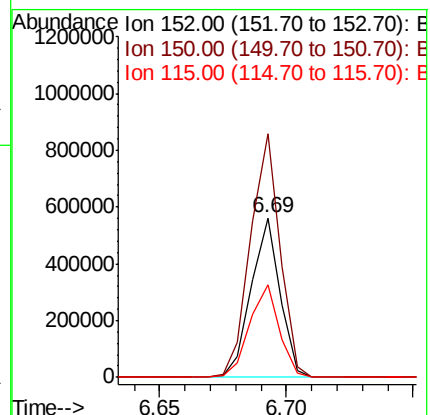
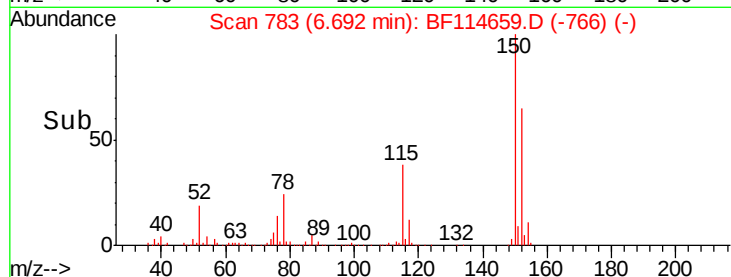


Abundance

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: 111.427 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.02 min

Lab File: BF114659.D

Acq: 30 May 2019 14:26

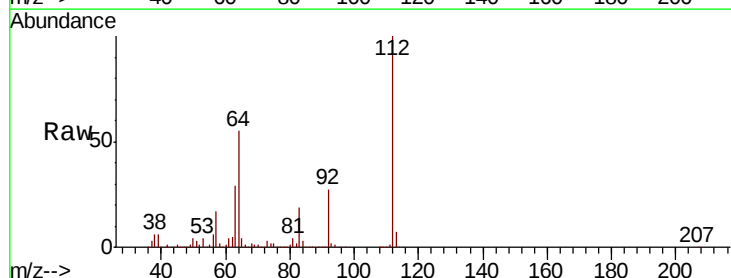
Tgt Ion:112 Resp: 2840066

Ion Ratio Lower Upper

112 100

64 54.6 46.1 69.1

63 28.5 23.4 35.2

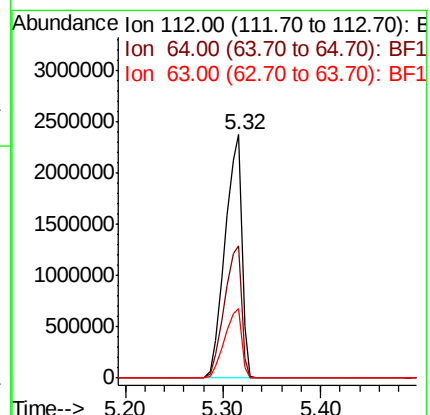
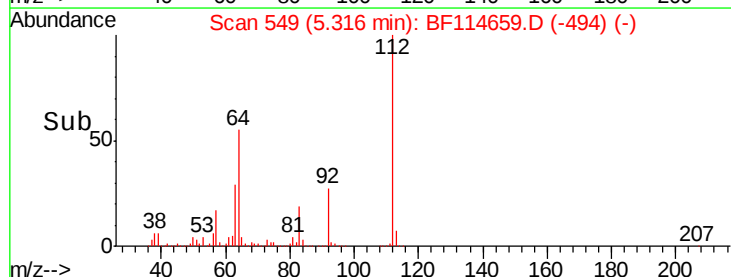


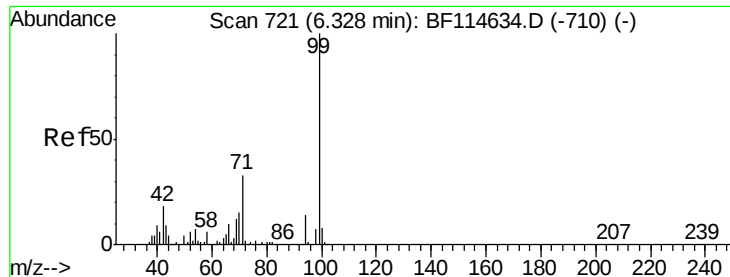
Abundance

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: 111.974 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114659.D

Acq: 30 May 2019 14:26

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ClientSampleId :

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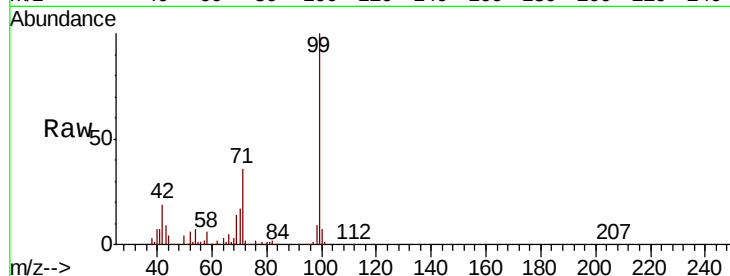
Tot Ion: 99 Resp: 3439180

Ion Ratio Lower Upper

99 100

42 18.7 14.7 22.1

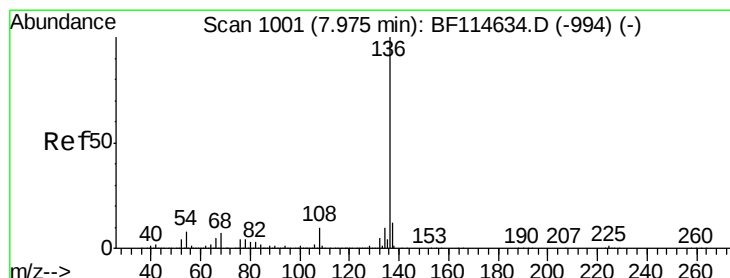
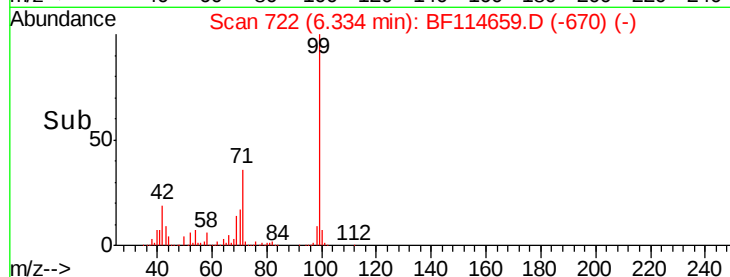
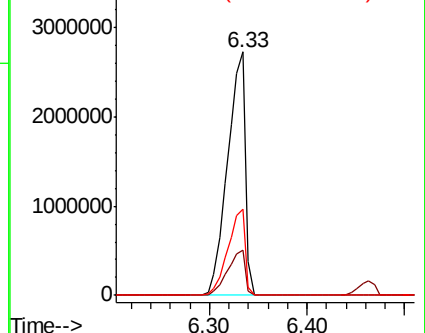
71 35.6 26.6 40.0



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: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF114659.D

Acq: 30 May 2019 14:26

Tgt Ion: 136 Resp: 1716232

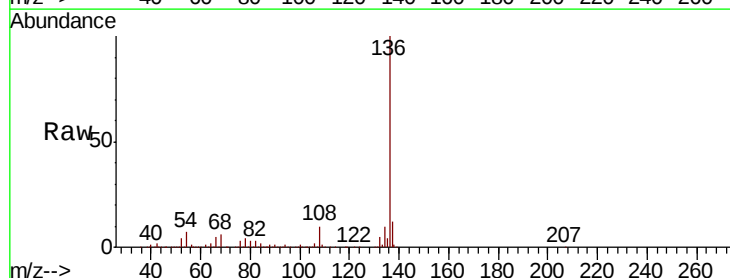
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 7.5 6.3 9.5

68 6.4 5.4 8.0

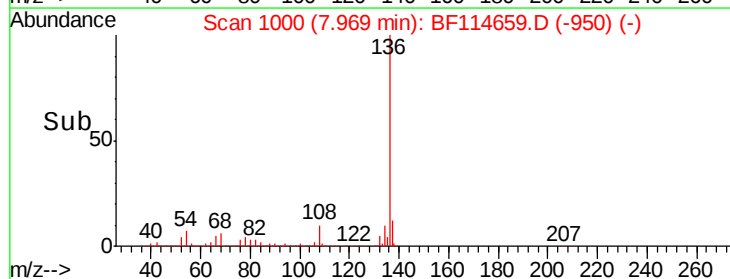
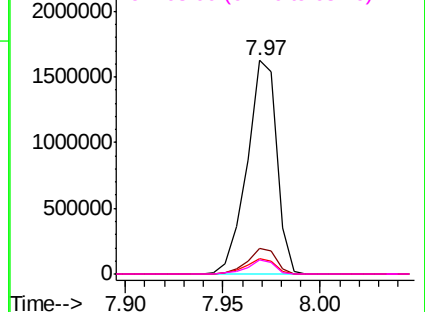


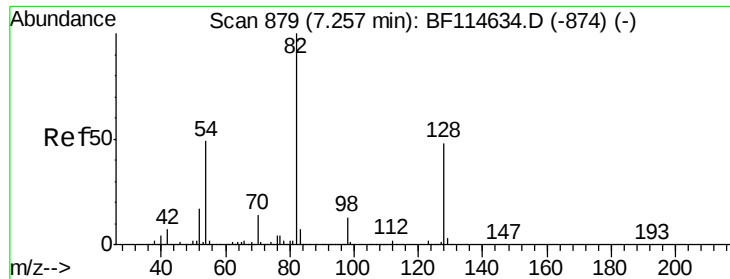
Abundance Ion 136.00 (135.70 to 136.70): E

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

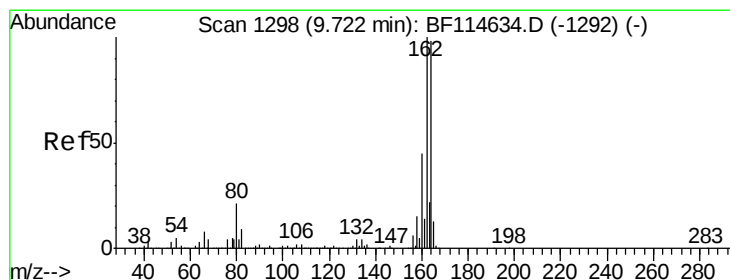
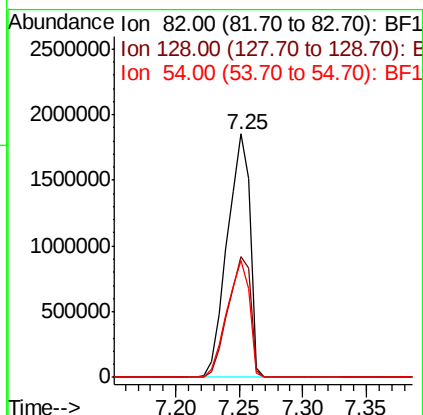
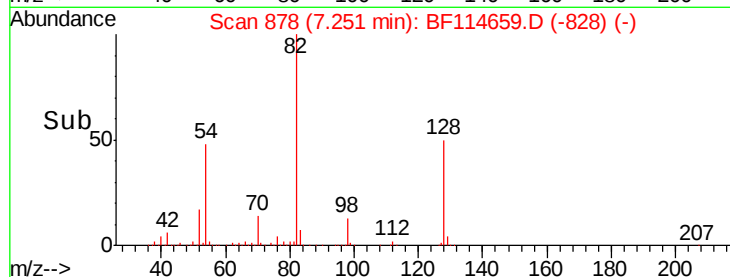
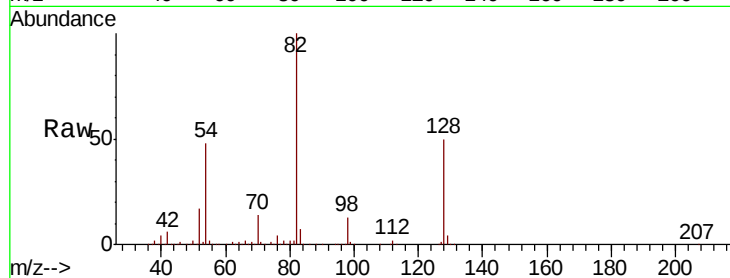




#23
Nitrobenzene-d5
Concen: 83.017 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114659.D
Acq: 30 May 2019 14:26

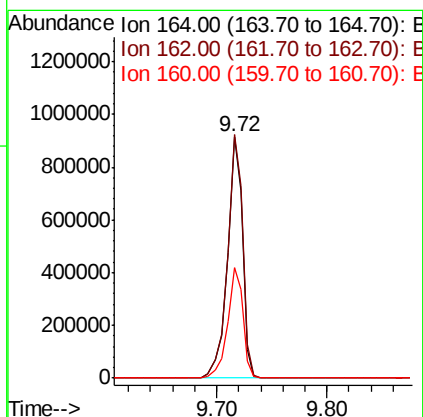
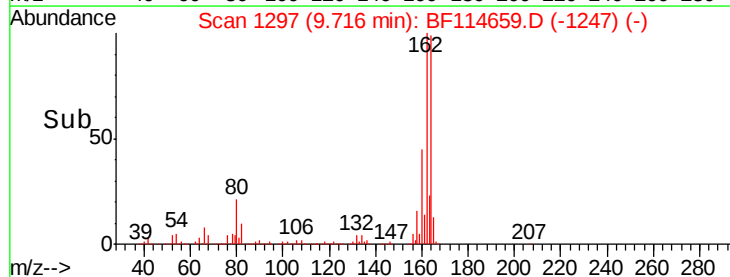
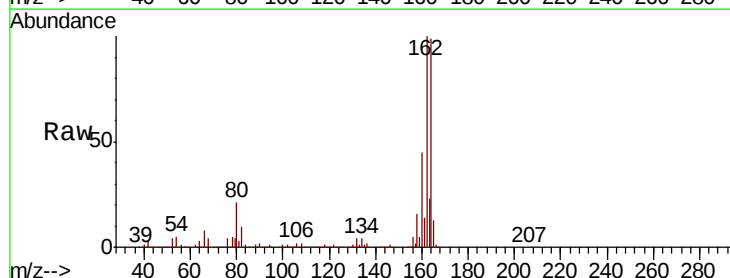
Instrument :
BNA_F
ClientSampleId :
PB118819BL

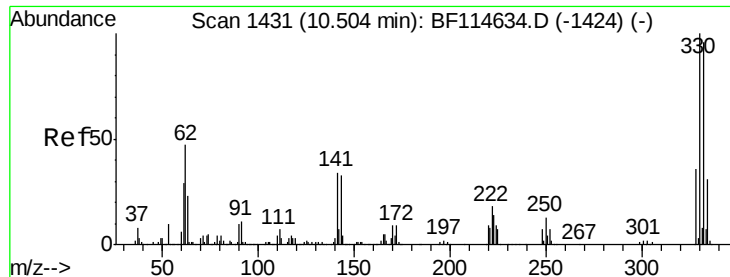
Tot Ion: 82 Resp: 2283666
Ion Ratio Lower Upper
82 100
128 49.9 38.5 57.7
54 48.1 39.1 58.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF114659.D
Acq: 30 May 2019 14:26

Tgt Ion:164 Resp: 876385
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.2
160 45.5 36.6 54.8

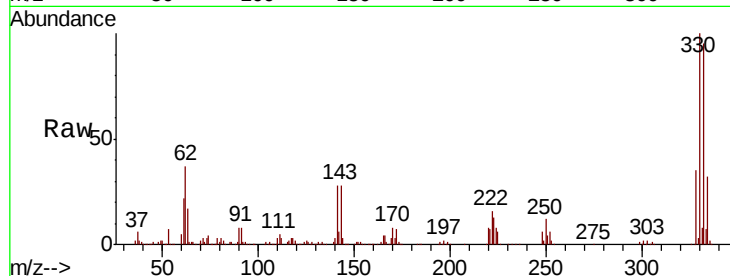




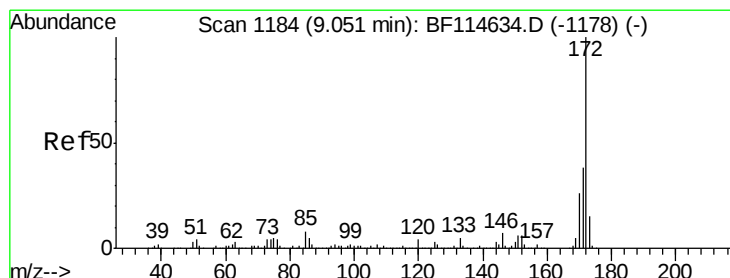
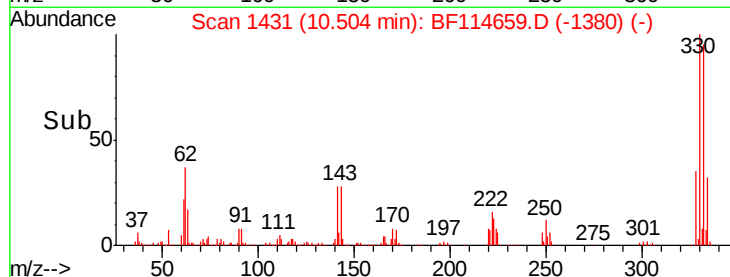
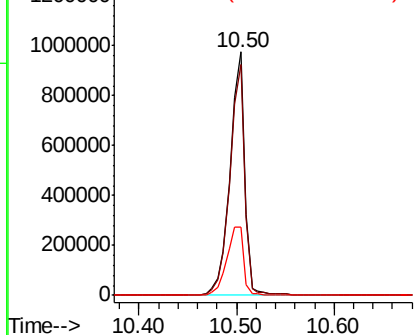
#42
 2,4,6-Tribromophenol
 Concen: 123.331 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114659.D
 Acq: 30 May 2019 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB118819BL

Tot Ion:330 Resp: 1029885
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.8 113.8
 141 32.6 27.8 41.8

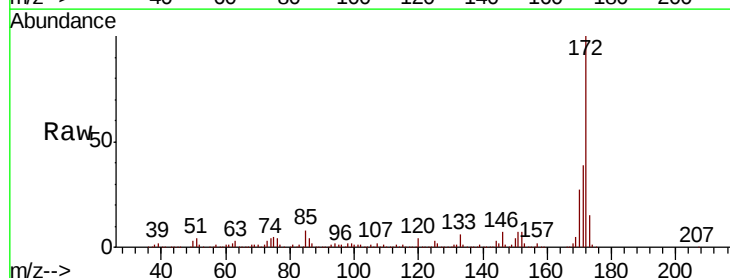


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

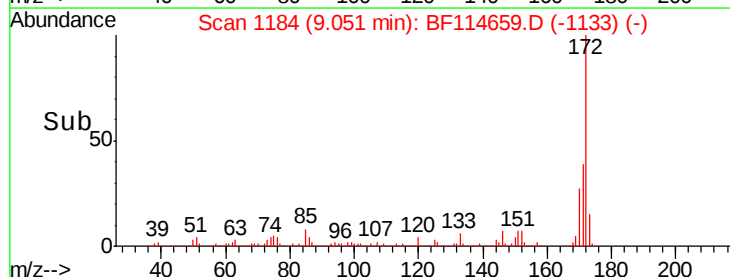
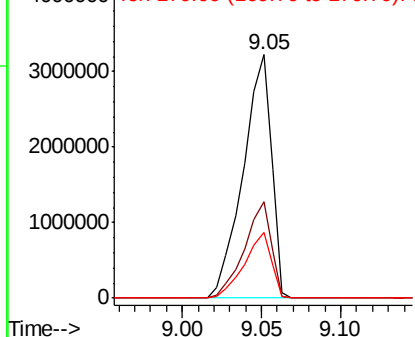


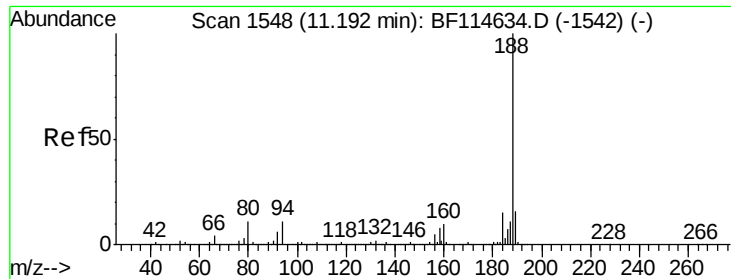
#45
 2-Fluorobiphenyl
 Concen: 85.972 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114659.D
 Acq: 30 May 2019 14:26

Tgt Ion:172 Resp: 4002395
 Ion Ratio Lower Upper
 172 100
 171 39.5 30.6 45.8
 170 27.1 20.7 31.1



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: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF114659.D

Acq: 30 May 2019 14:26

Instrument :

BNA_F

ClientSampleId :

PB118819BL

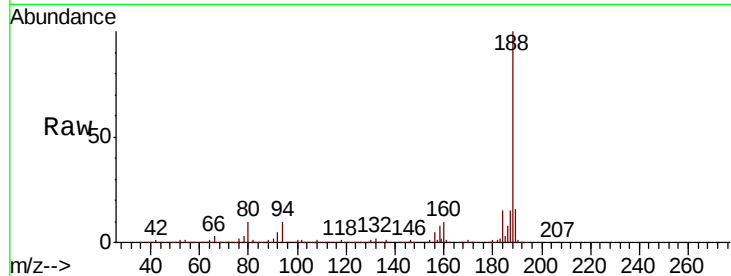
Tot Ion:188 Resp: 1672998

Ion Ratio Lower Upper

188 100

94 9.7 8.6 13.0

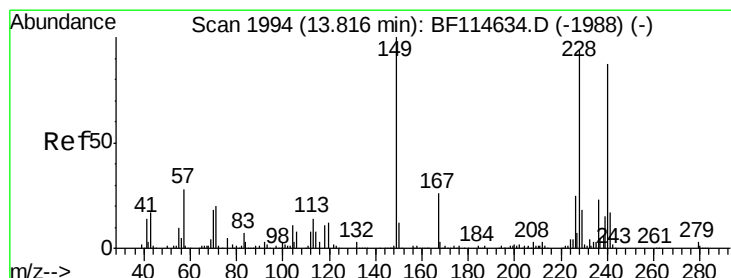
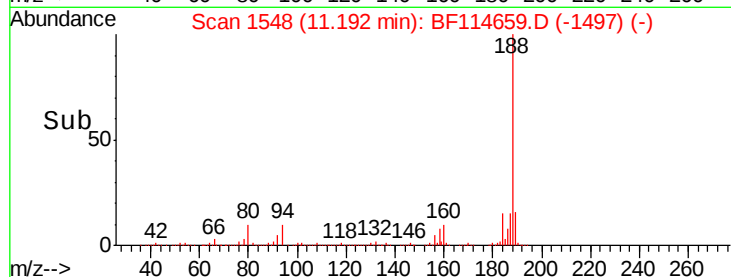
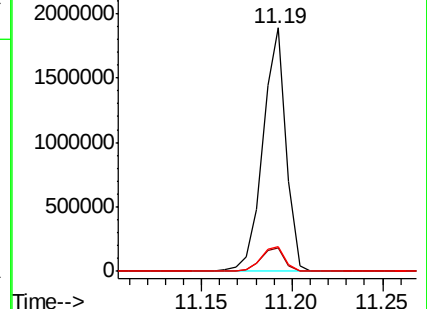
80 10.4 9.0 13.6



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: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114659.D

Acq: 30 May 2019 14:26

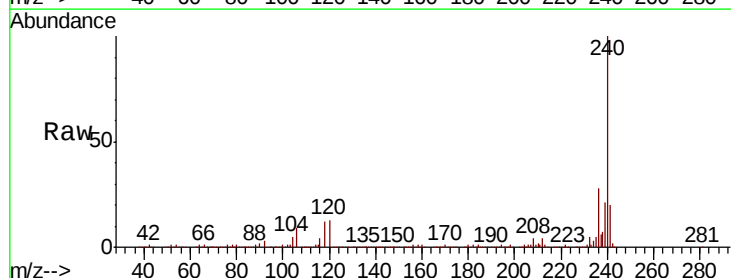
Tgt Ion:240 Resp: 1258096

Ion Ratio Lower Upper

240 100

120 12.9 11.2 16.8

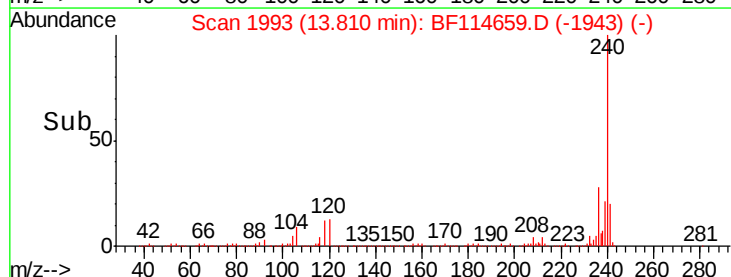
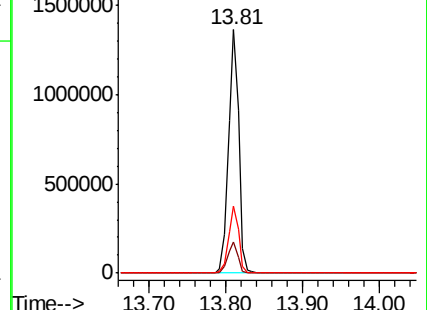
236 27.5 21.2 31.8

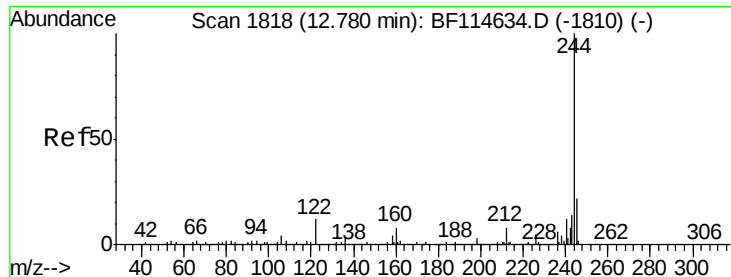


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 62.997 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114659.D

Acq: 30 May 2019 14:26

Instrument :

BNA_F

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PB118819BL

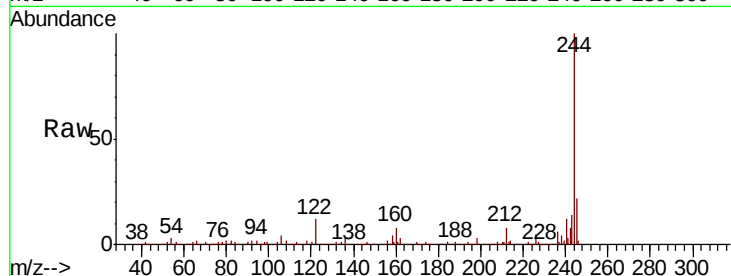
Tot Ion:244 Resp: 4215407

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

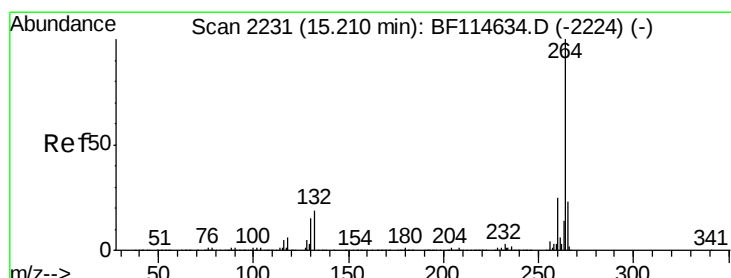
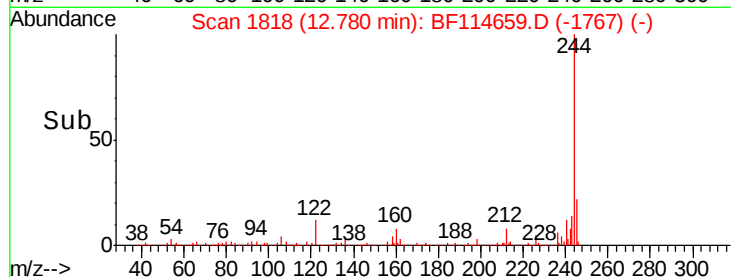
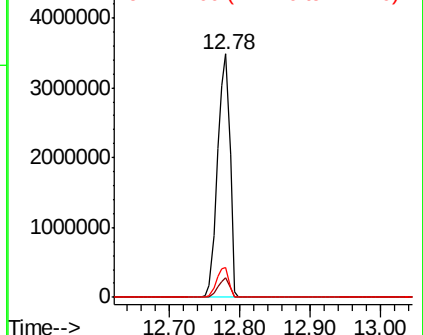
122 12.3 9.8 14.8



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: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF114659.D

Acq: 30 May 2019 14:26

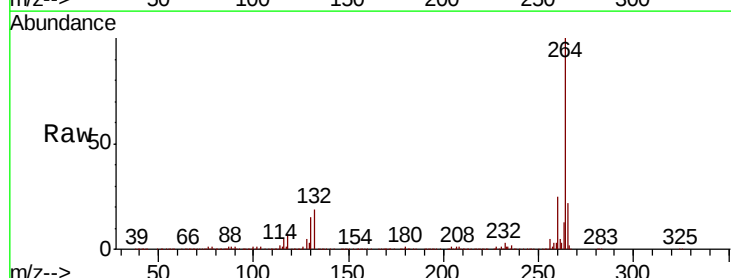
Tgt Ion:264 Resp: 1239873

Ion Ratio Lower Upper

264 100

260 25.3 19.7 29.5

265 21.9 18.1 27.1



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

