

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF080119\
 Data File : BF115911.D
 Acq On : 1 Aug 2019 17:28
 Operator : HP/JU
 Sample : K4107-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-2

Quant Time: Aug 13 09:08:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

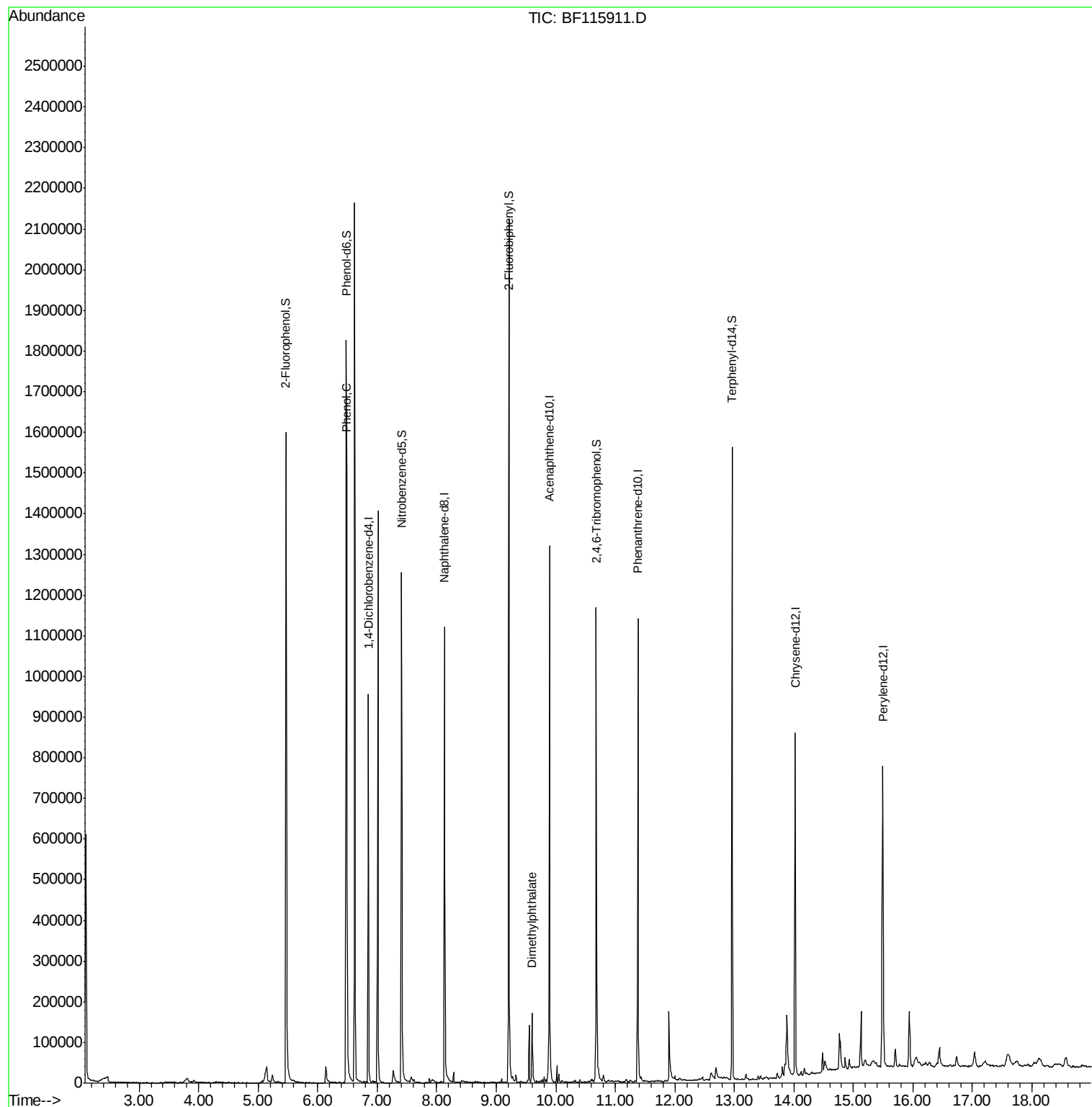
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	130226	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	501698	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	260344	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	404496	20.00	ng	0.00
76) Chrysene-d12	14.02	240	275141	20.00	ng	0.00
87) Perylene-d12	15.49	264	339467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	496538	63.83	ng	0.00
7) Phenol-d6	6.48	99	668989	68.16	ng	0.00
23) Nitrobenzene-d5	7.41	82	389550	44.82	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	145745	57.74	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	597535	42.99	ng	0.00
79) Terphenyl-d14	12.96	244	505291	38.70	ng	0.00
Target Compounds						
10) Phenol	6.49	94	66583	5.761	ng	96
50) Dimethylphthalate	9.60	163	69908	3.944	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF115911.D

Acq: 1 Aug 2019 17:28

Instrument :

BNA_F

ClientSampleId :

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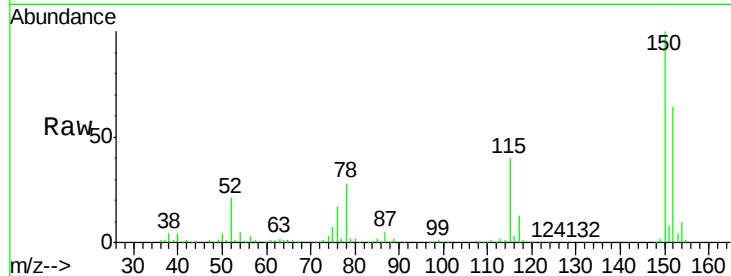
Tot Ion:152 Resp: 130226

Ion Ratio Lower Upper

152 100

150 156.0 127.4 191.0

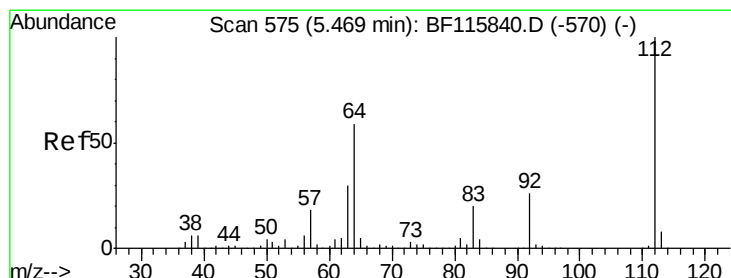
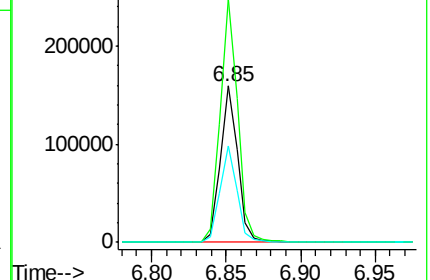
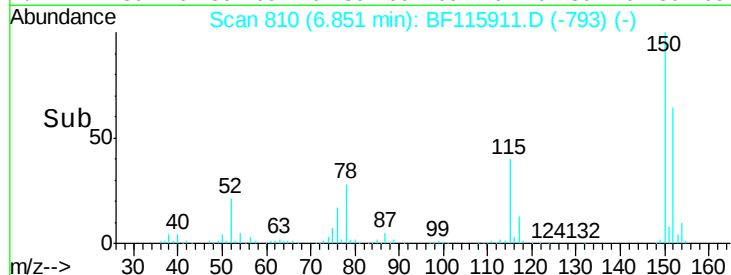
115 62.2 51.8 77.8



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: 63.830 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF115911.D

Acq: 1 Aug 2019 17:28

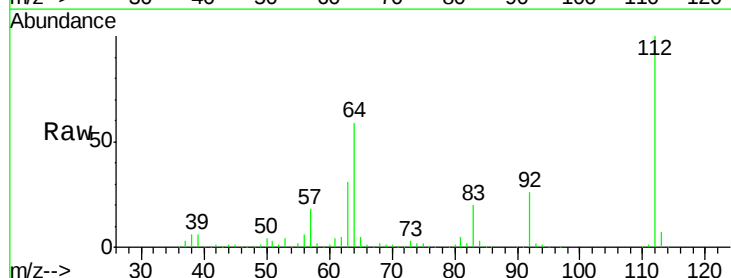
Tgt Ion:112 Resp: 496538

Ion Ratio Lower Upper

112 100

64 58.9 46.8 70.2

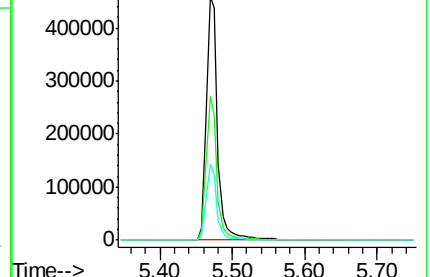
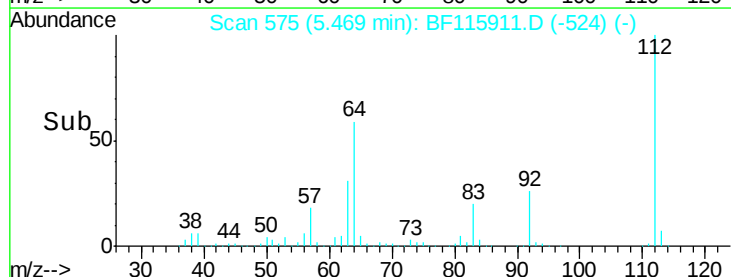
63 31.0 24.2 36.2



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: 68.162 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115911.D

Acq: 1 Aug 2019 17:28

Instrument :

BNA_F

ClientSampleId :

T-2

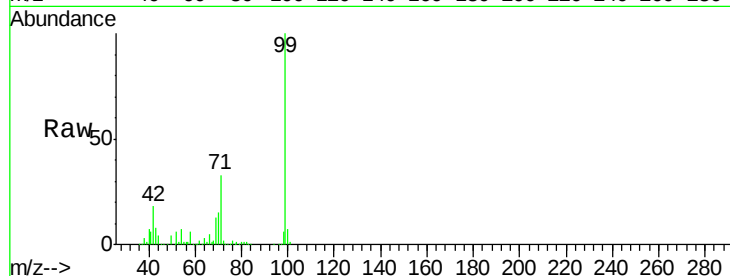
Tot Ion: 99 Resp: 668989

Ion Ratio Lower Upper

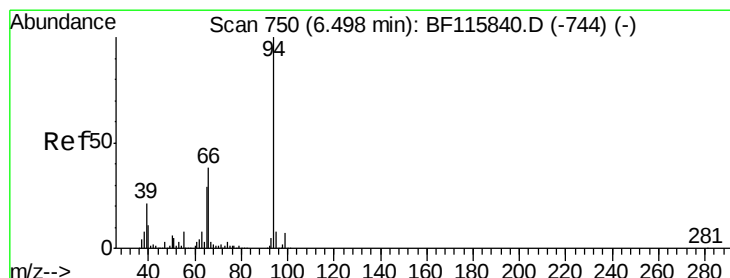
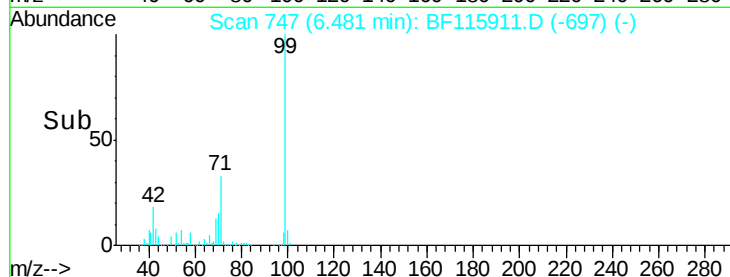
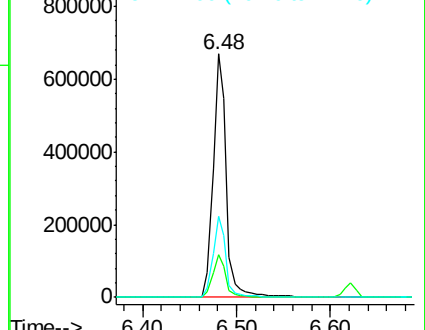
99 100

42 17.6 13.8 20.6

71 33.3 27.1 40.7



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



#10

Phenol

Concen: 5.761 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF115911.D

Acq: 1 Aug 2019 17:28

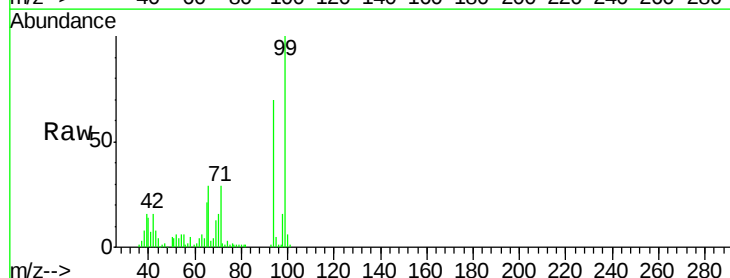
Tgt Ion: 94 Resp: 66583

Ion Ratio Lower Upper

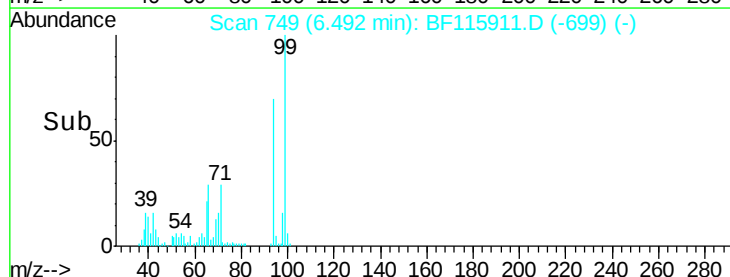
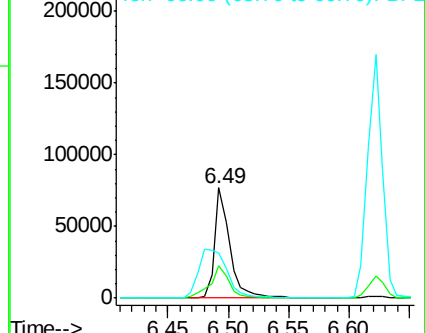
94 100

65 29.3 8.9 48.9

66 41.4 18.0 58.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115911.D

Acq: 1 Aug 2019 17:28

Instrument :

BNA_F

ClientSampleId :

T-2

Tot Ion:136 Resp: 501698

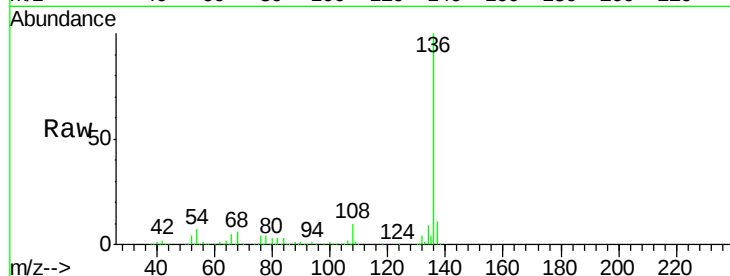
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.9 6.1 9.1

68 5.7 5.4 8.2

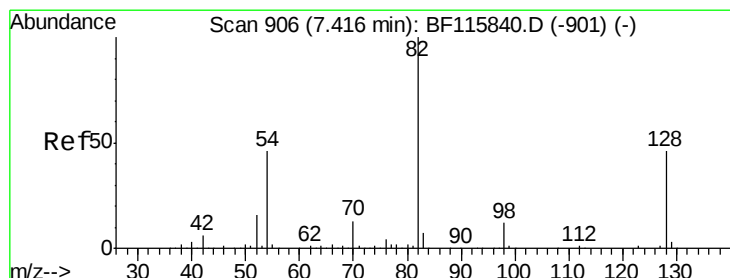
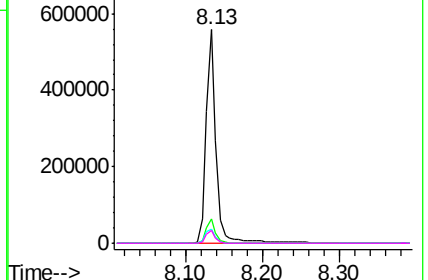
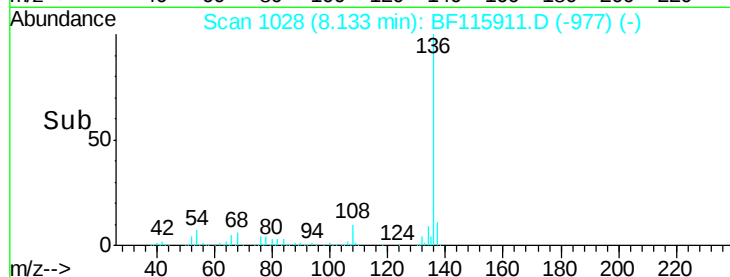


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.820 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF115911.D

Acq: 1 Aug 2019 17:28

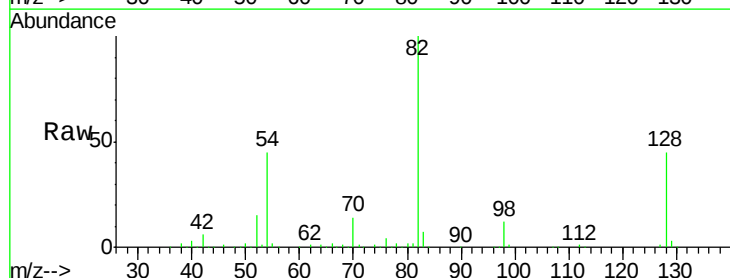
Tgt Ion: 82 Resp: 389550

Ion Ratio Lower Upper

82 100

128 45.1 36.6 55.0

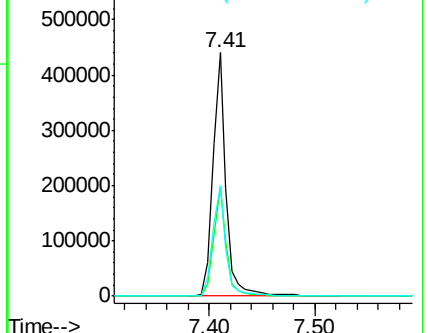
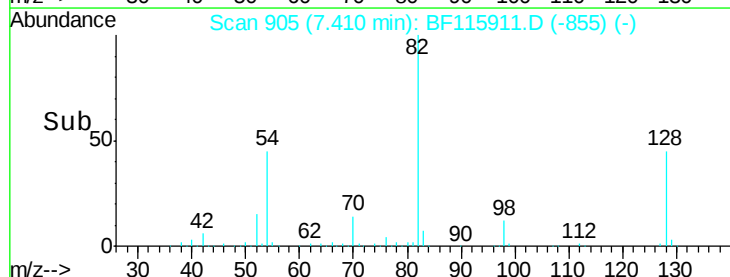
54 45.5 36.6 55.0

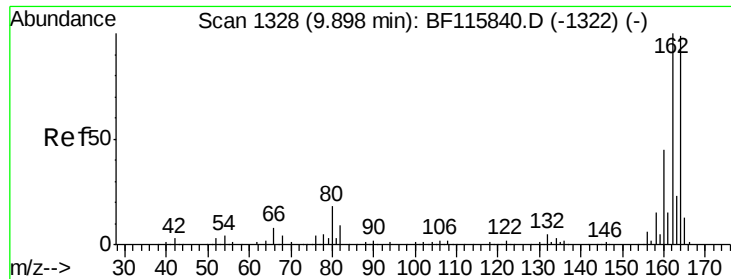


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

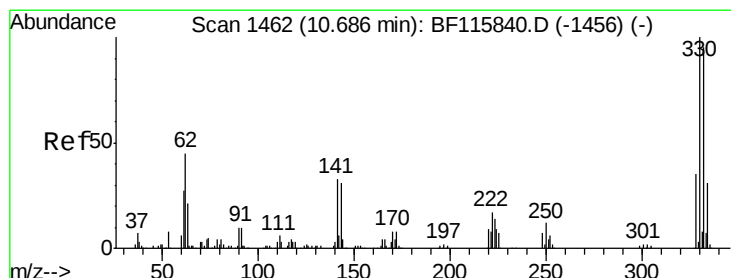
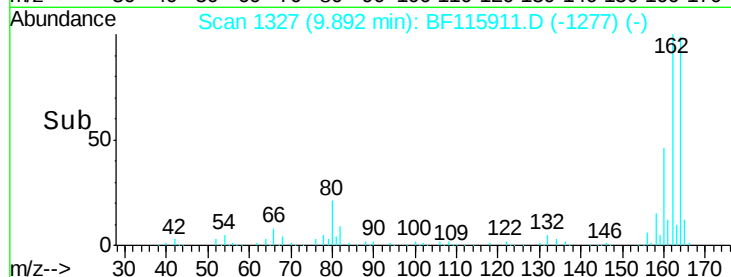
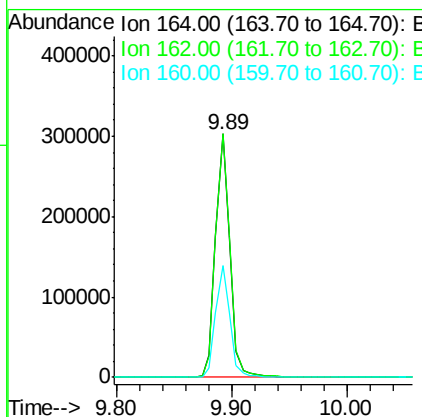
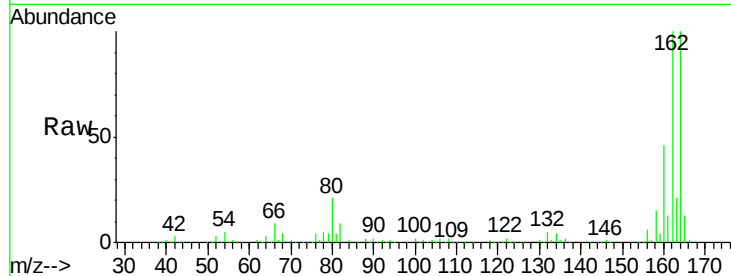




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115911.D
Acq: 1 Aug 2019 17:28

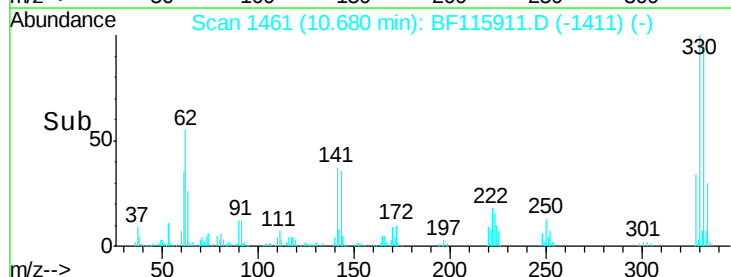
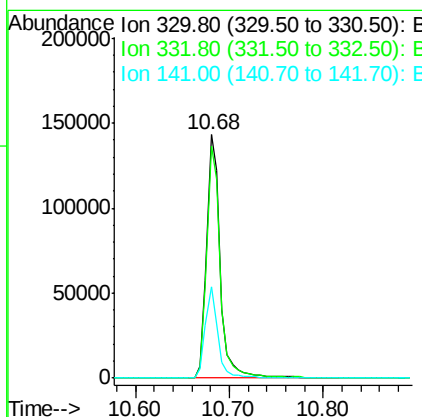
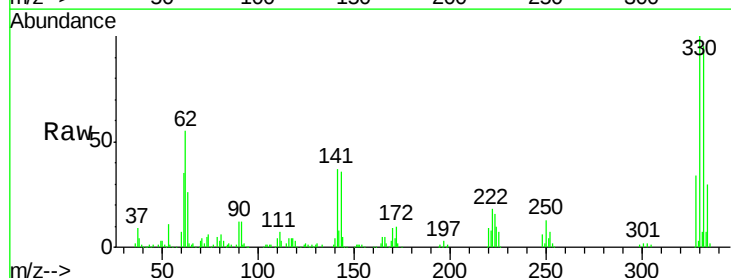
Instrument :
BNA_F
ClientSampleId :
T-2

Tot Ion:164 Resp: 260344
Ion Ratio Lower Upper
164 100
162 100.2 80.8 121.2
160 46.2 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 57.741 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF115911.D
Acq: 1 Aug 2019 17:28

Tgt Ion:330 Resp: 145745
Ion Ratio Lower Upper
330 100
332 95.9 77.7 116.5
141 35.0 28.1 42.1

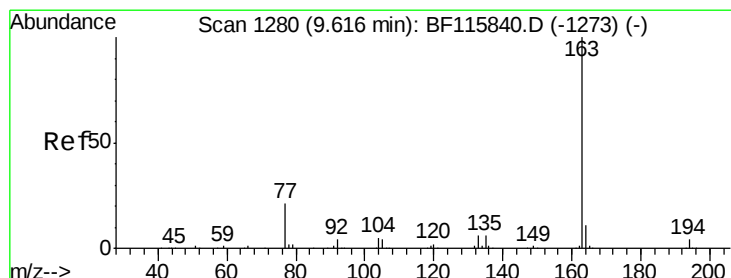
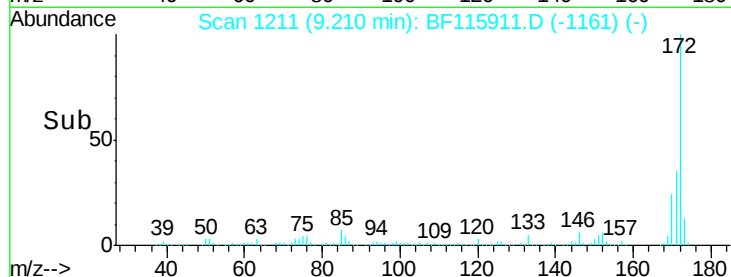
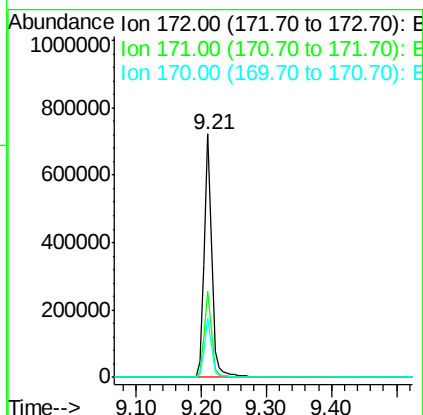
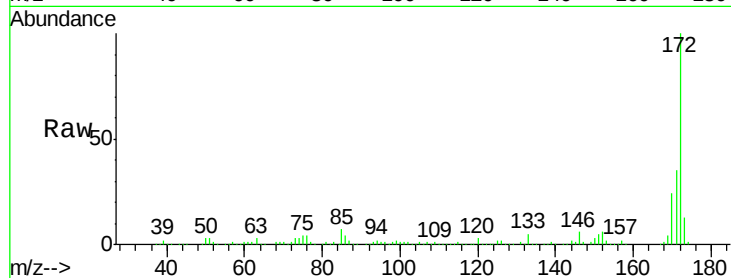




#45
2-Fluorobiphenyl
Concen: 42.990 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF115911.D
Acq: 1 Aug 2019 17:28

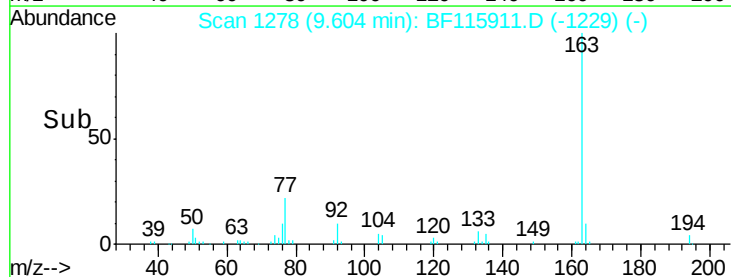
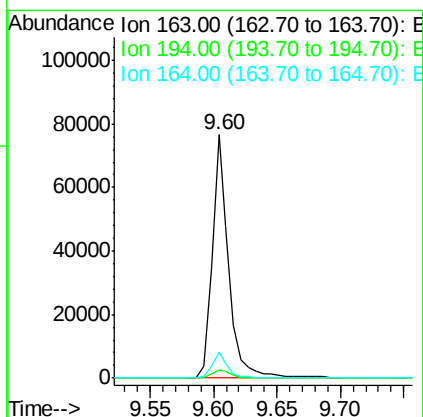
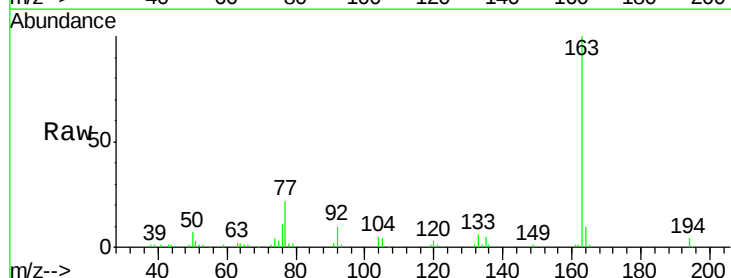
Instrument :
BNA_F
ClientSampled :
T-2

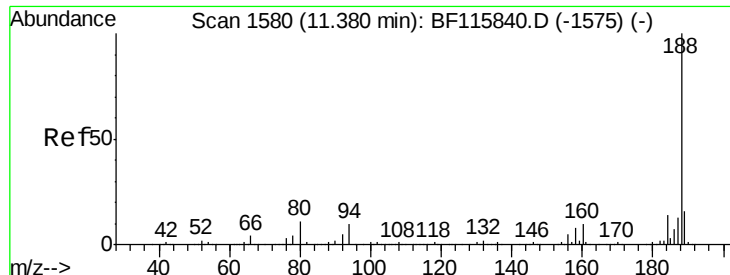
Tot Ion:172 Resp: 597535
Ion Ratio Lower Upper
172 100
171 35.4 29.1 43.7
170 24.2 20.1 30.1



#50
Dimethylphthalate
Concen: 3.944 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115911.D
Acq: 1 Aug 2019 17:28

Tgt Ion:163 Resp: 69908
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 10.4 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115911.D

Acq: 1 Aug 2019 17:28

Instrument :

BNA_F

ClientSampleId :

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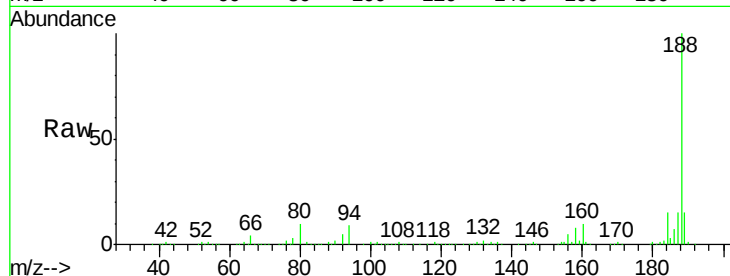
Tot Ion:188 Resp: 404496

Ion Ratio Lower Upper

188 100

94 9.4 8.0 12.0

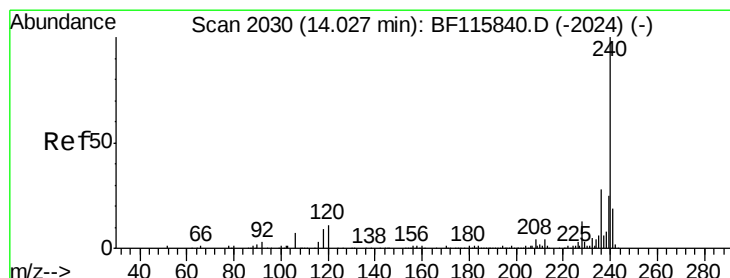
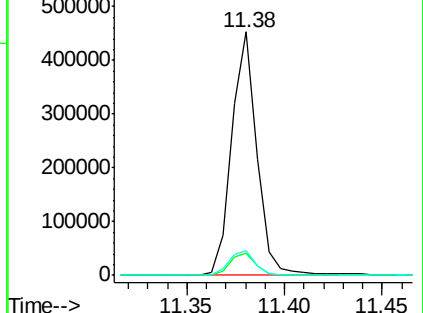
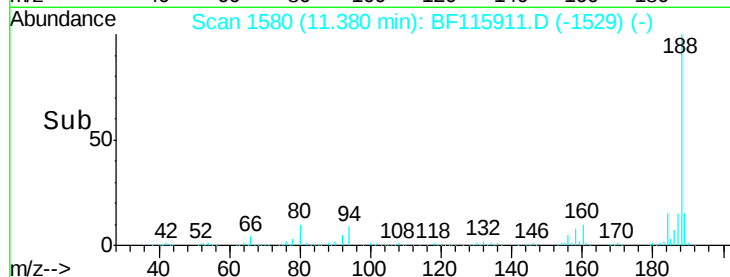
80 10.2 8.6 12.8



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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115911.D

Acq: 1 Aug 2019 17:28

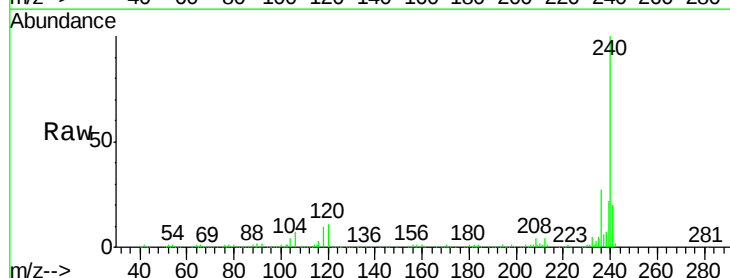
Tgt Ion:240 Resp: 275141

Ion Ratio Lower Upper

240 100

120 10.8 8.5 12.7

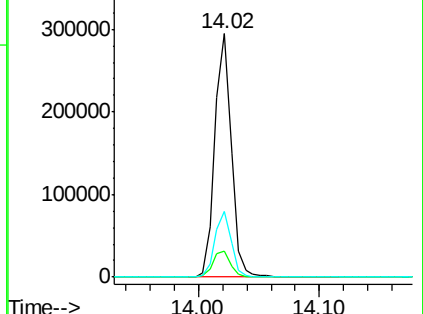
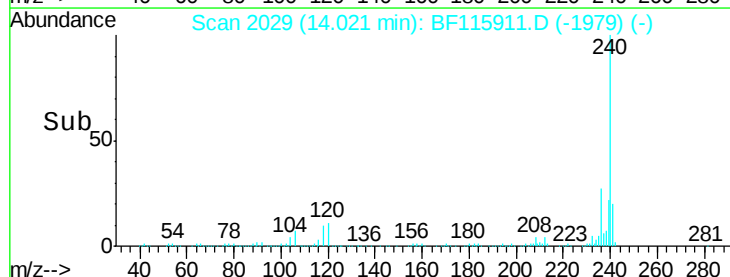
236 26.8 22.2 33.2

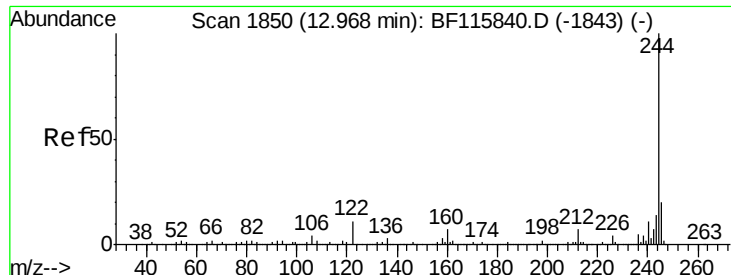


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 38.698 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115911.D

Acq: 1 Aug 2019 17:28

Instrument :

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ClientSampleId :

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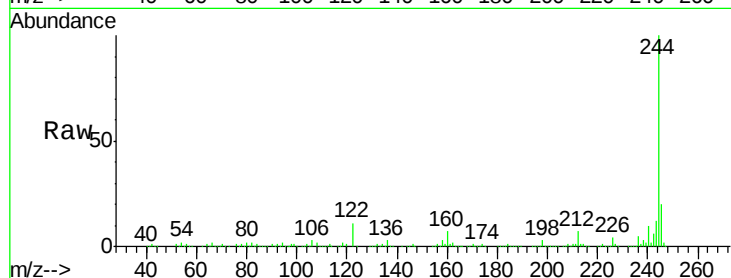
Tot Ion:244 Resp: 505291

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

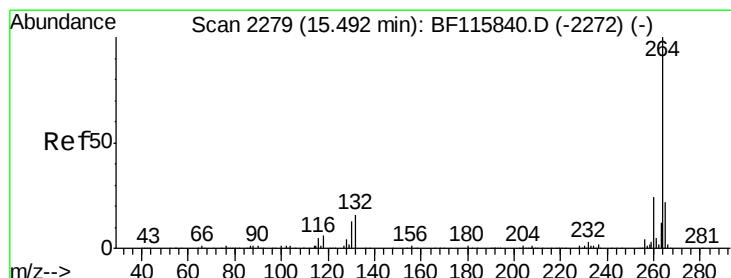
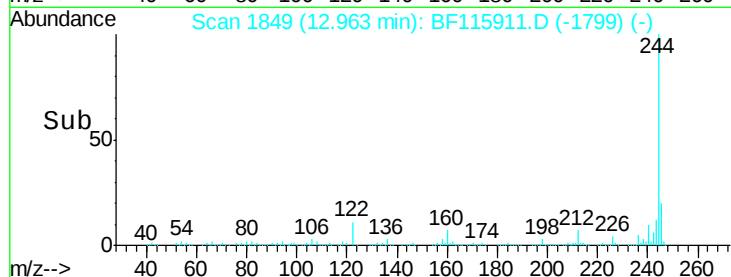
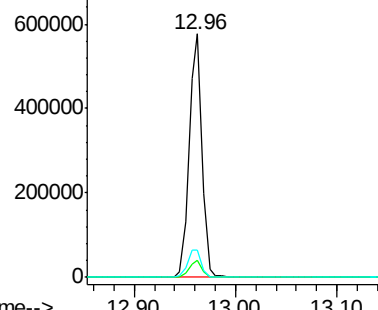
122 11.3 8.6 13.0



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: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF115911.D

Acq: 1 Aug 2019 17:28

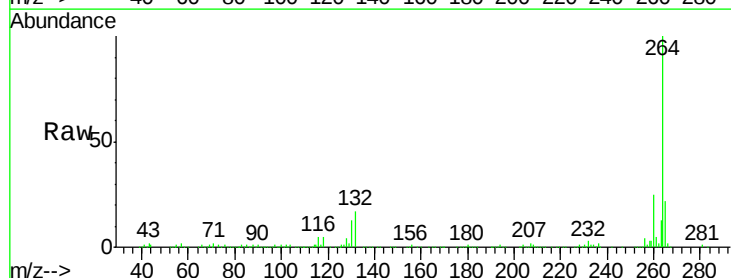
Tgt Ion:264 Resp: 339467

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

265 21.9 17.5 26.3



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

