

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115881.D
 Acq On : 31 Jul 2019 22:06
 Operator : HP/JU
 Sample : K4034-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-054

Quant Time: Aug 01 07:45:35 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

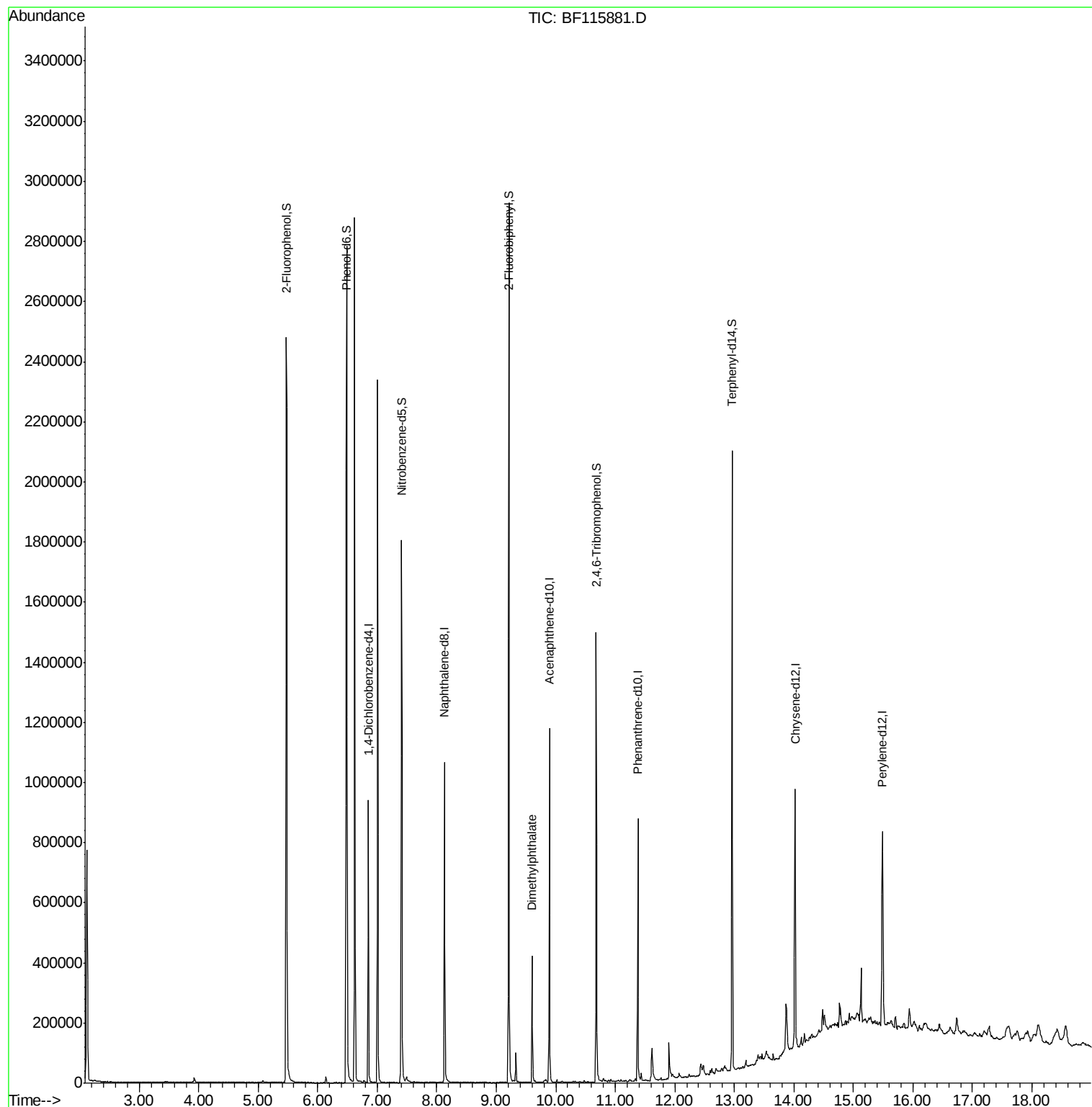
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	126596	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	466873	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	221048	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	319158	20.00	ng	0.00
76) Chrysene-d12	14.02	240	295483	20.00	ng	0.00
87) Perylene-d12	15.49	264	319016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	758357	100.28	ng	0.00
7) Phenol-d6	6.49	99	978109	102.52	ng	0.00
23) Nitrobenzene-d5	7.41	82	583079	72.09	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	171898	80.21	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	849593	71.99	ng	0.00
79) Terphenyl-d14	12.96	244	658783	46.98	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	156901	10.425	ng	Qvalue 99

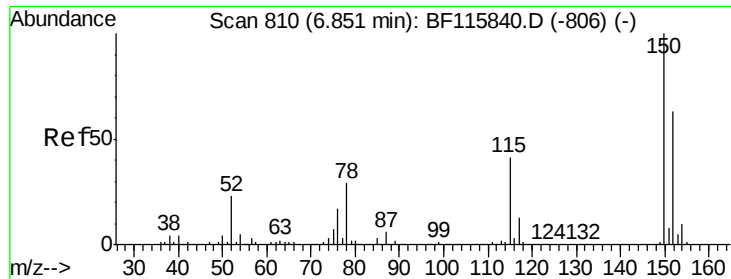
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF115881.D

Acq: 31 Jul 2019 22:06

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-054

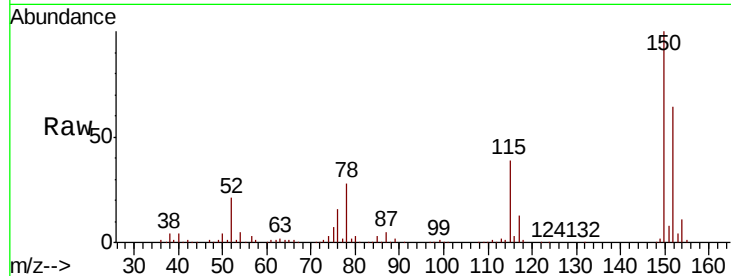
Tot Ion:152 Resp: 126596

Ion Ratio Lower Upper

152 100

150 156.9 127.4 191.0

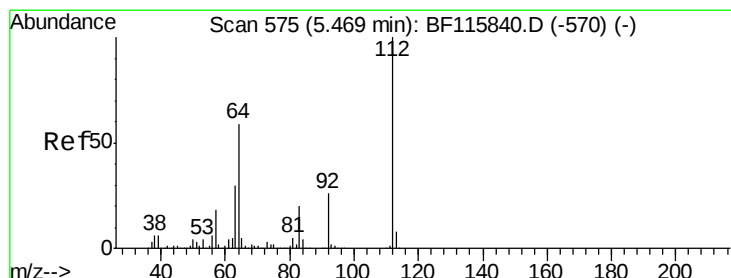
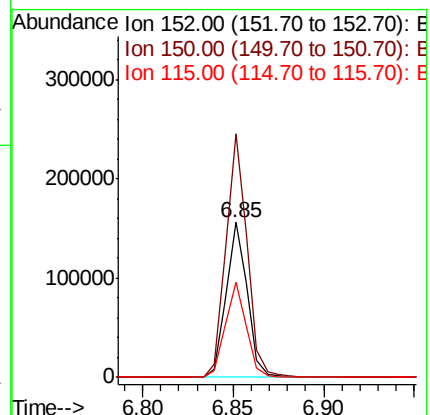
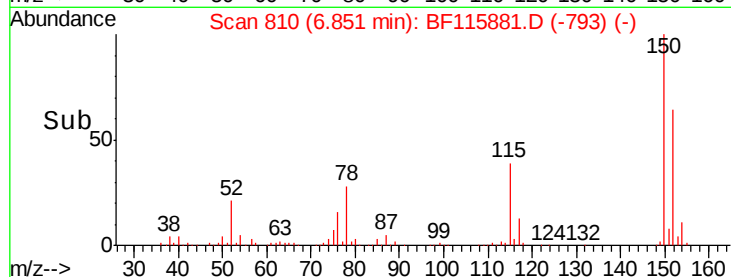
115 61.4 51.8 77.8



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: 100.283 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF115881.D

Acq: 31 Jul 2019 22:06

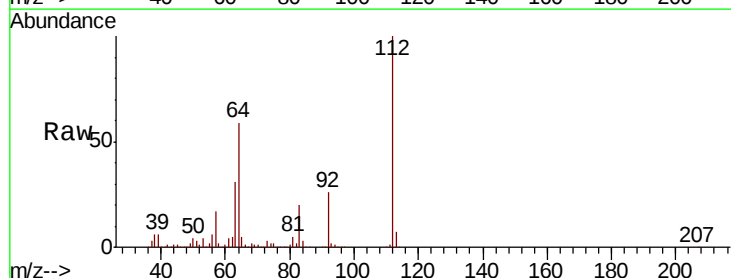
Tgt Ion:112 Resp: 758357

Ion Ratio Lower Upper

112 100

64 58.7 46.8 70.2

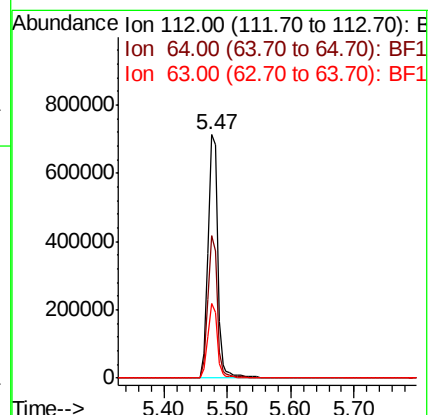
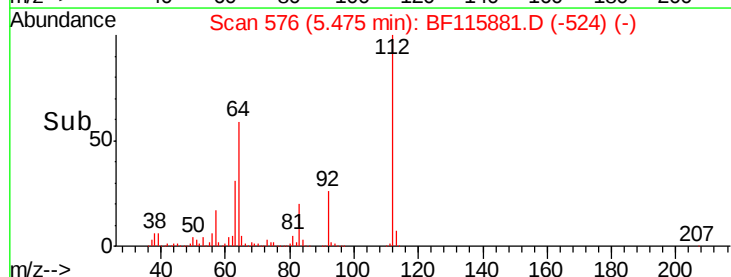
63 30.7 24.2 36.2

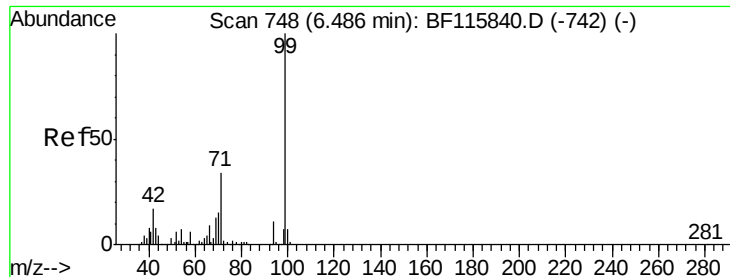


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 102.516 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115881.D

Acq: 31 Jul 2019 22:06

Instrument :

BNA_F

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FK-PS-01-054

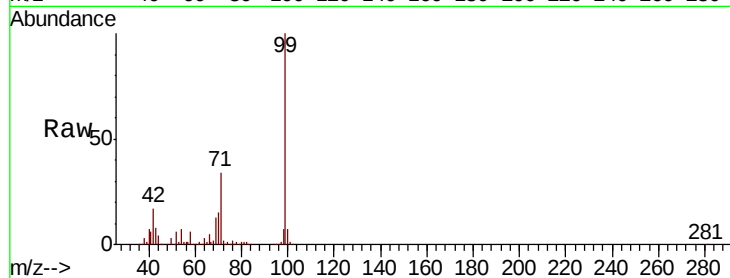
Tot Ion: 99 Resp: 978109

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.6

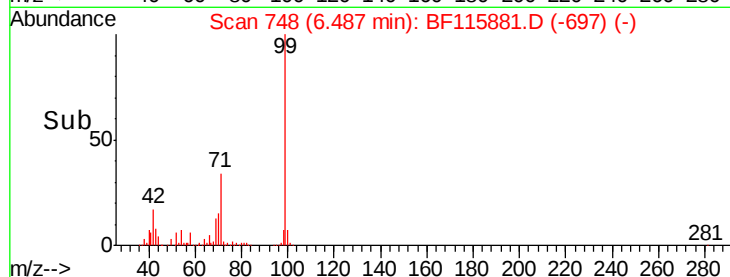
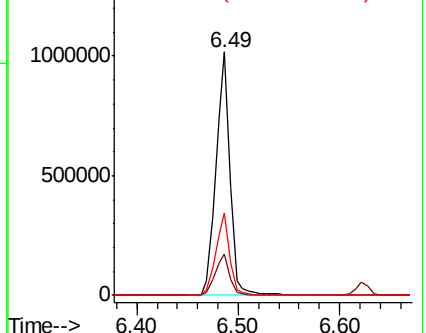
71 33.9 27.1 40.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115881.D

Acq: 31 Jul 2019 22:06

Tgt Ion: 136 Resp: 466873

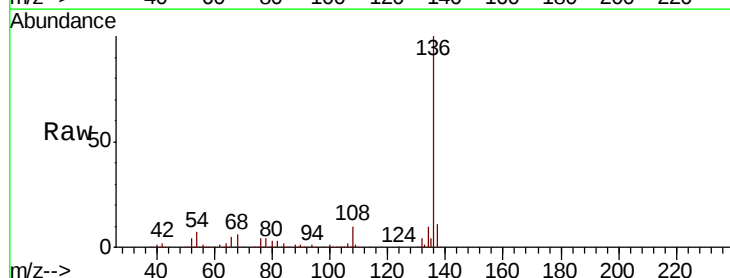
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.8 6.1 9.1

68 5.7 5.4 8.2

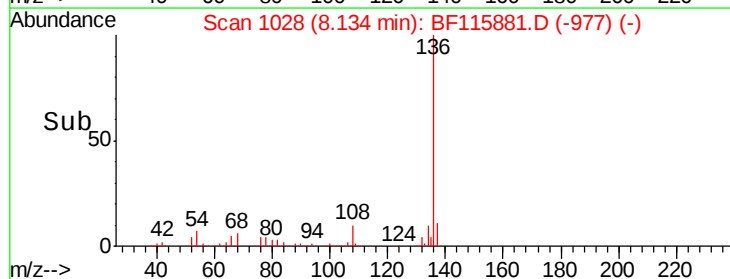
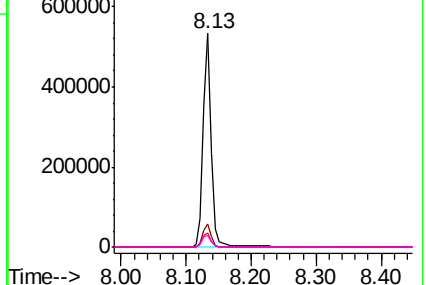


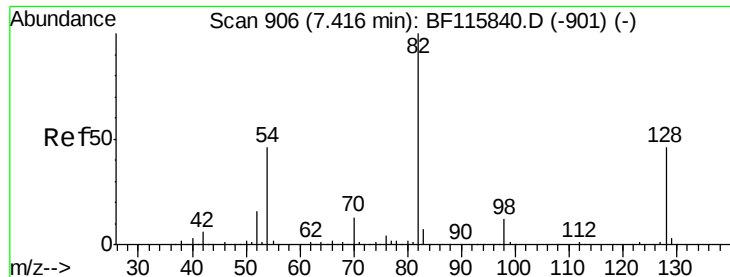
Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.091 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF115881.D

Acq: 31 Jul 2019 22:06

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-054

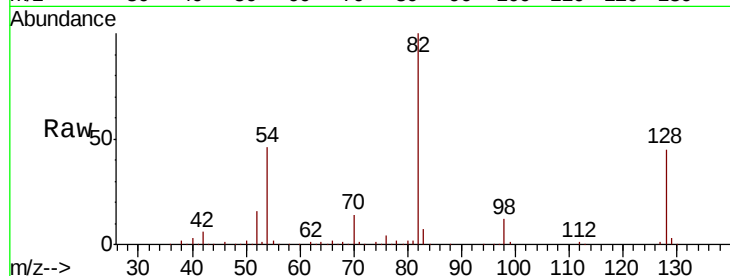
Tot Ion: 82 Resp: 583079

Ion Ratio Lower Upper

82 100

128 45.0 36.6 55.0

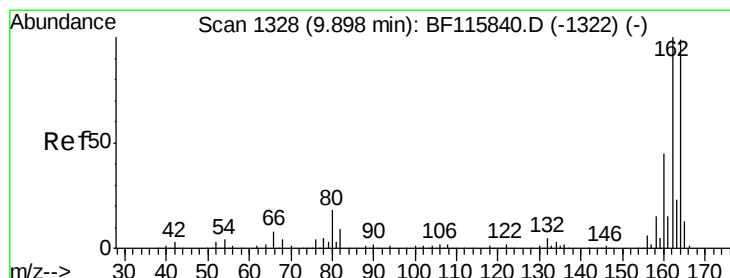
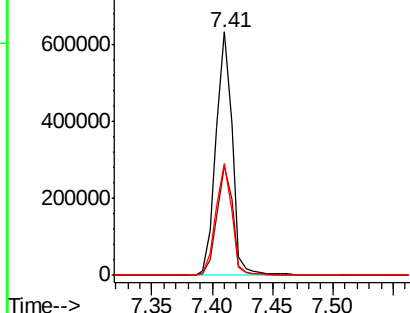
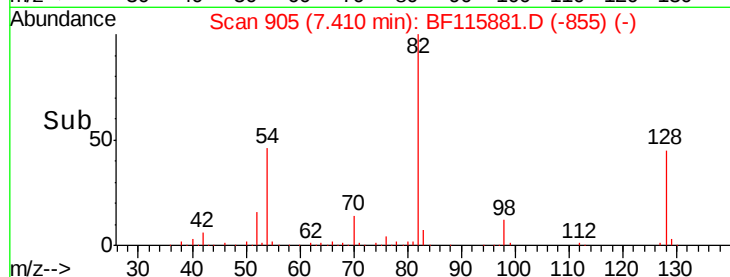
54 46.0 36.6 55.0



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115881.D

Acq: 31 Jul 2019 22:06

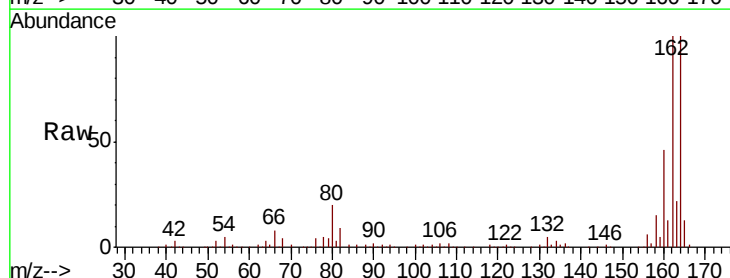
Tgt Ion:164 Resp: 221048

Ion Ratio Lower Upper

164 100

162 100.3 80.8 121.2

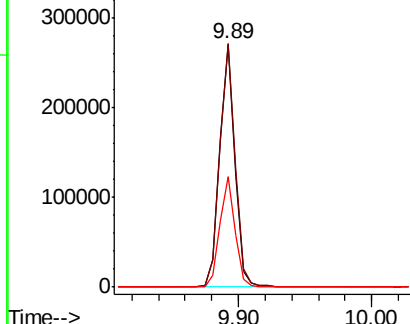
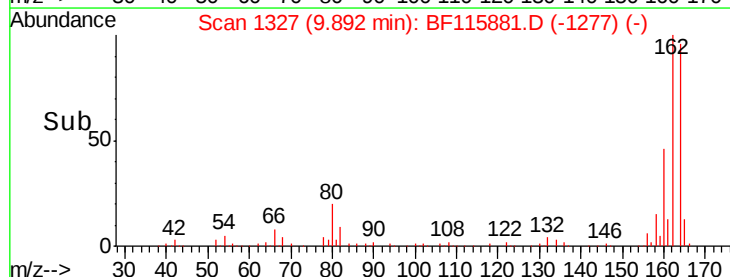
160 45.6 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

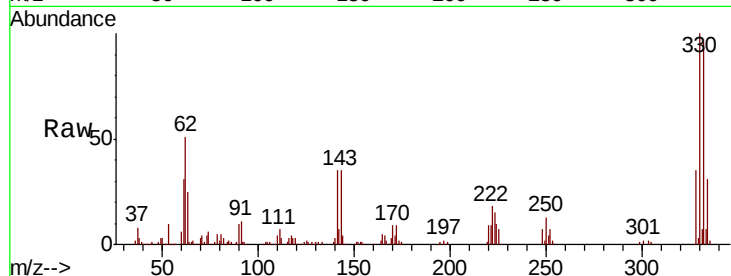




#42
 2,4,6-Tribromophenol
 Concen: 80.209 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF115881.D
 Acq: 31 Jul 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-054

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.7	116.5
141	35.5	28.1	42.1

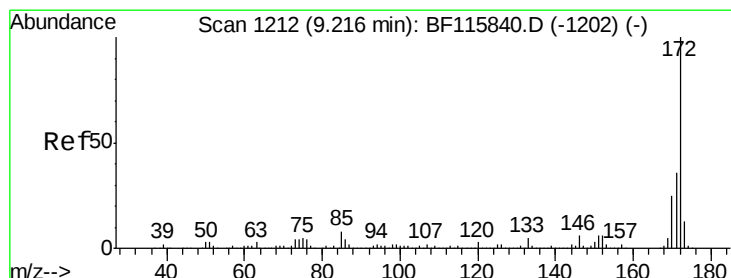
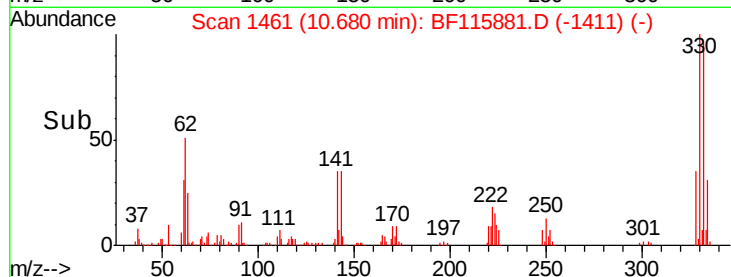
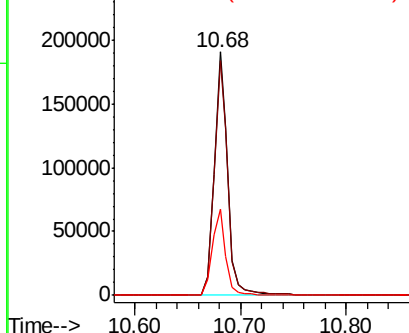


Abundance

Ion 329.80 (329.50 to 330.50): E

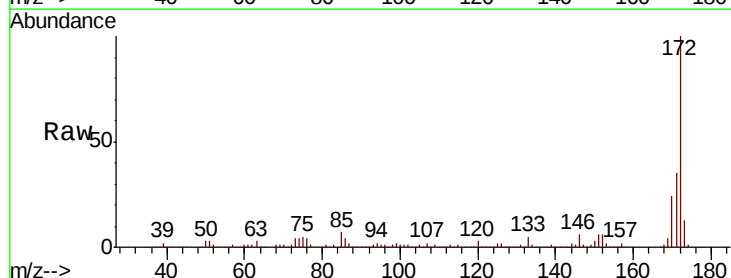
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.991 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF115881.D
 Acq: 31 Jul 2019 22:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.1	43.7
170	24.3	20.1	30.1

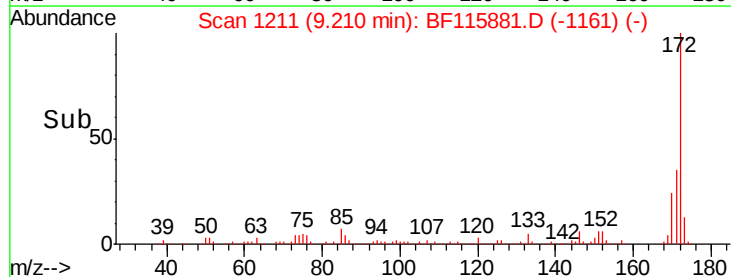
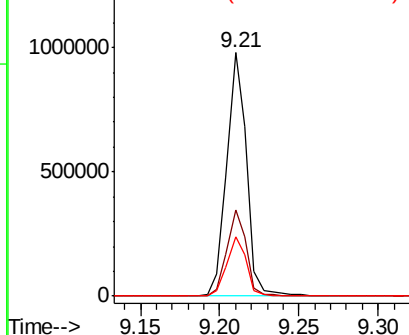


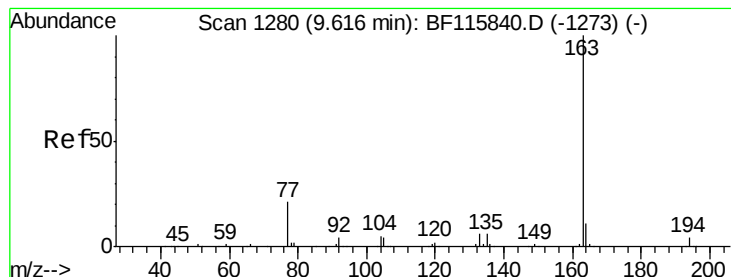
Abundance

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





#50

Dimethylphthalate

Concen: 10.425 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115881.D

Acq: 31 Jul 2019 22:06

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-054

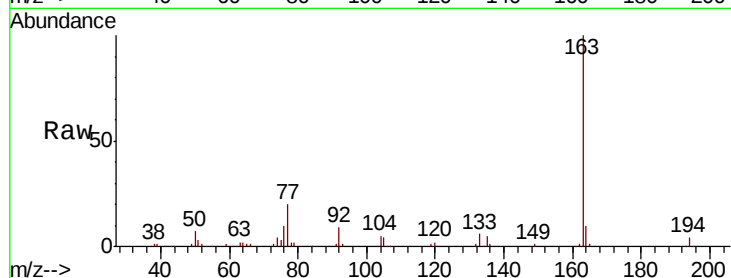
Tot Ion:163 Resp: 156901

Ion Ratio Lower Upper

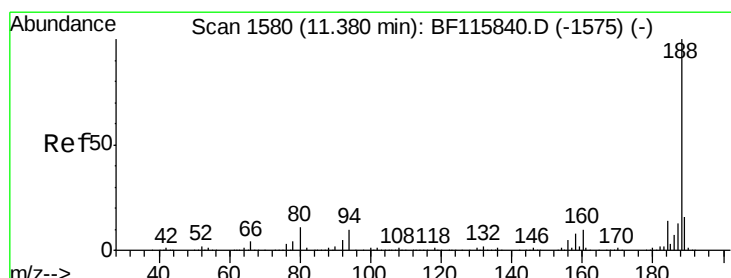
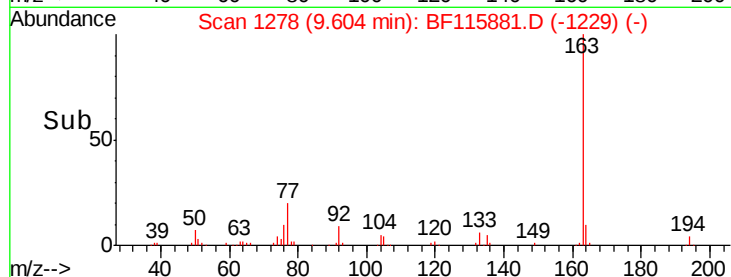
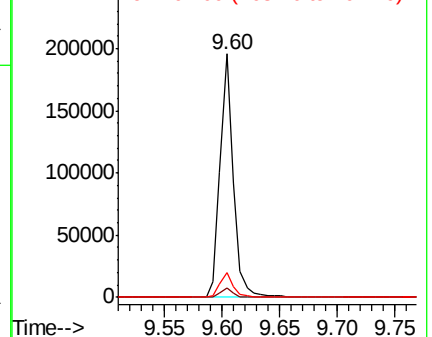
163 100

194 4.0 3.0 4.6

164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115881.D

Acq: 31 Jul 2019 22:06

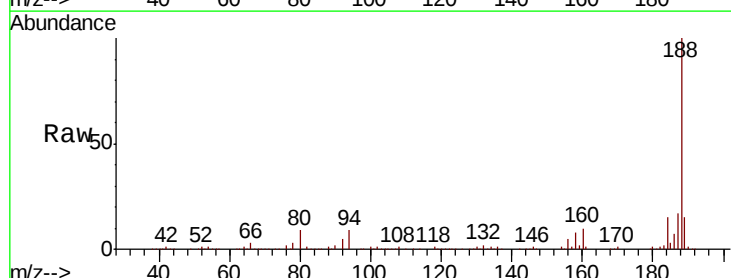
Tgt Ion:188 Resp: 319158

Ion Ratio Lower Upper

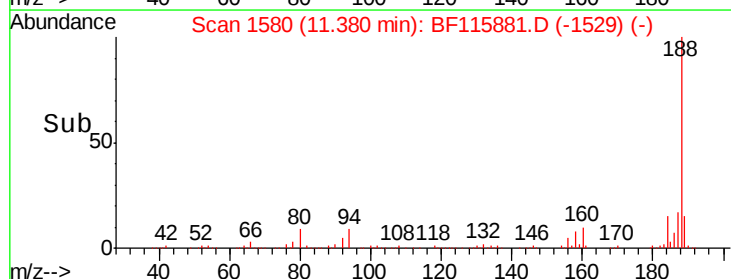
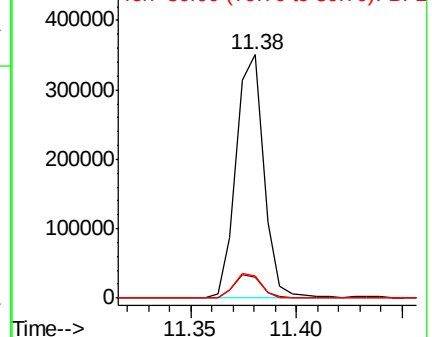
188 100

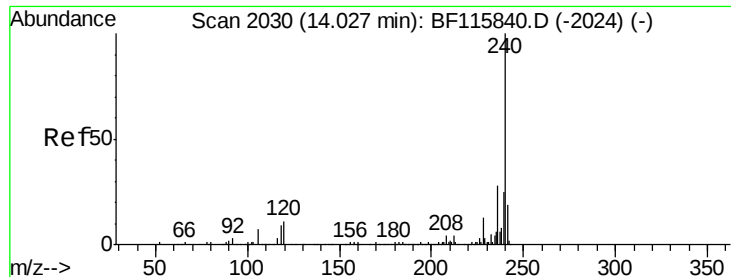
94 8.6 8.0 12.0

80 9.2 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

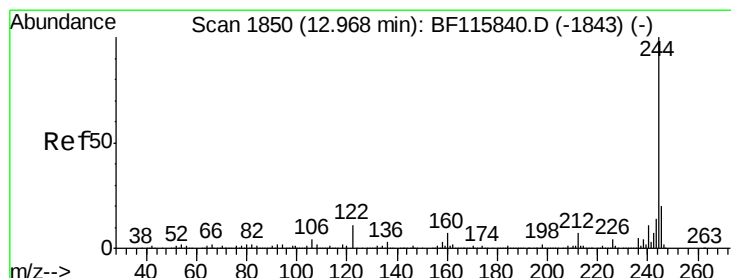
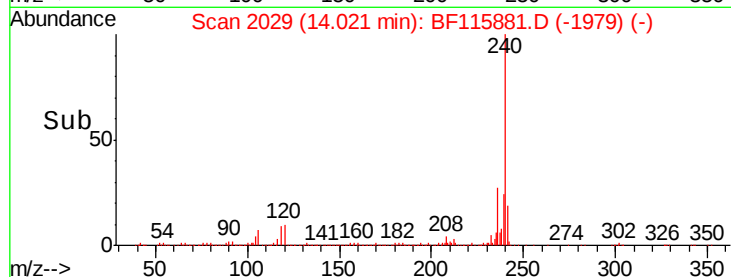
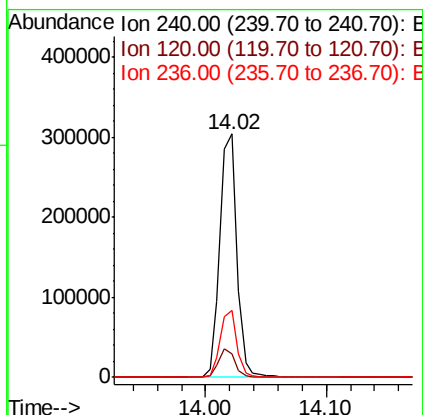
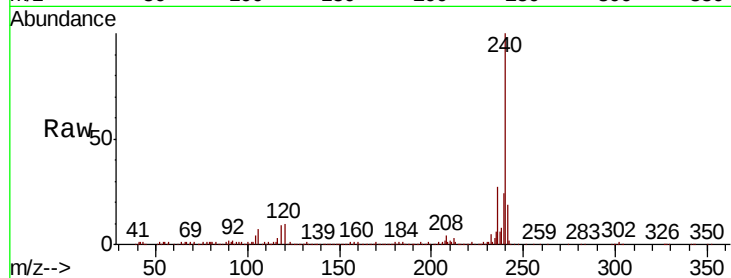




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115881.D
 Acq: 31 Jul 2019 22:06

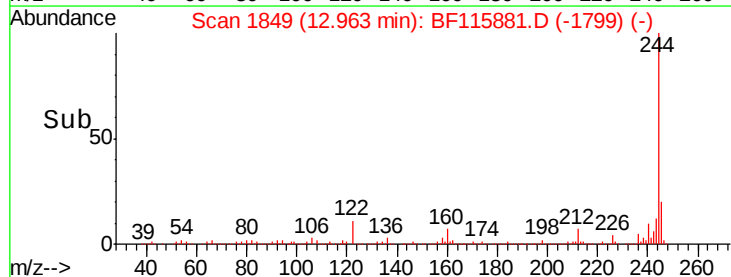
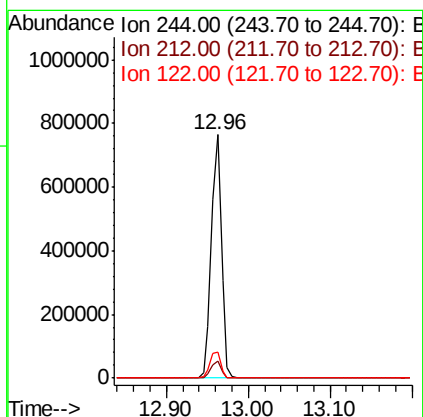
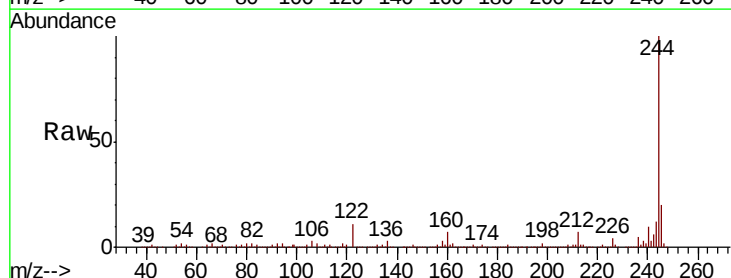
Instrument :
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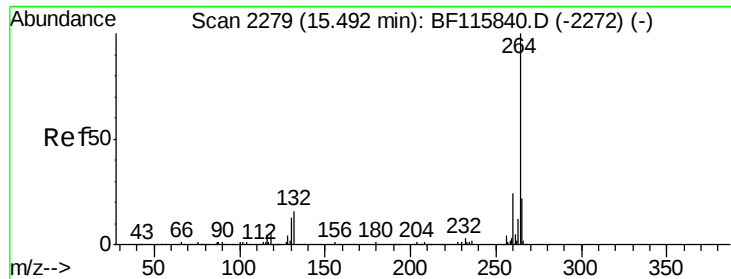
Tot Ion:240 Resp: 295483
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.5 12.7
 236 27.4 22.2 33.2



#79
 Terphenyl-d14
 Concen: 46.980 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF115881.D
 Acq: 31 Jul 2019 22:06

Tgt Ion:244 Resp: 658783
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.9 8.6 13.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF115881.D
 Acq: 31 Jul 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-054

Tot Ion	Ion	Ratio	Lower	Upper
319016	264	100		
	260	23.4	19.4	29.2
	265	21.0	17.5	26.3

