

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116582.D
 Acq On : 27 Aug 2019 13:51
 Operator : HP/JU
 Sample : PB122218BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122218BL

Quant Time: Aug 27 17:59:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	111643	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	443137	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	181681	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	451604	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	327942	20.00	ng	-0.01
87) Perylene-d12	15.49	264	284700	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	673811	88.19	ng	0.00
7) Phenol-d6	6.50	99	958519	102.31	ng	0.00
23) Nitrobenzene-d5	7.43	82	647689	79.96	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	186947	119.83	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1046230	92.74	ng	-0.01
79) Terphenyl-d14	12.97	244	1327923	75.64	ng	0.00

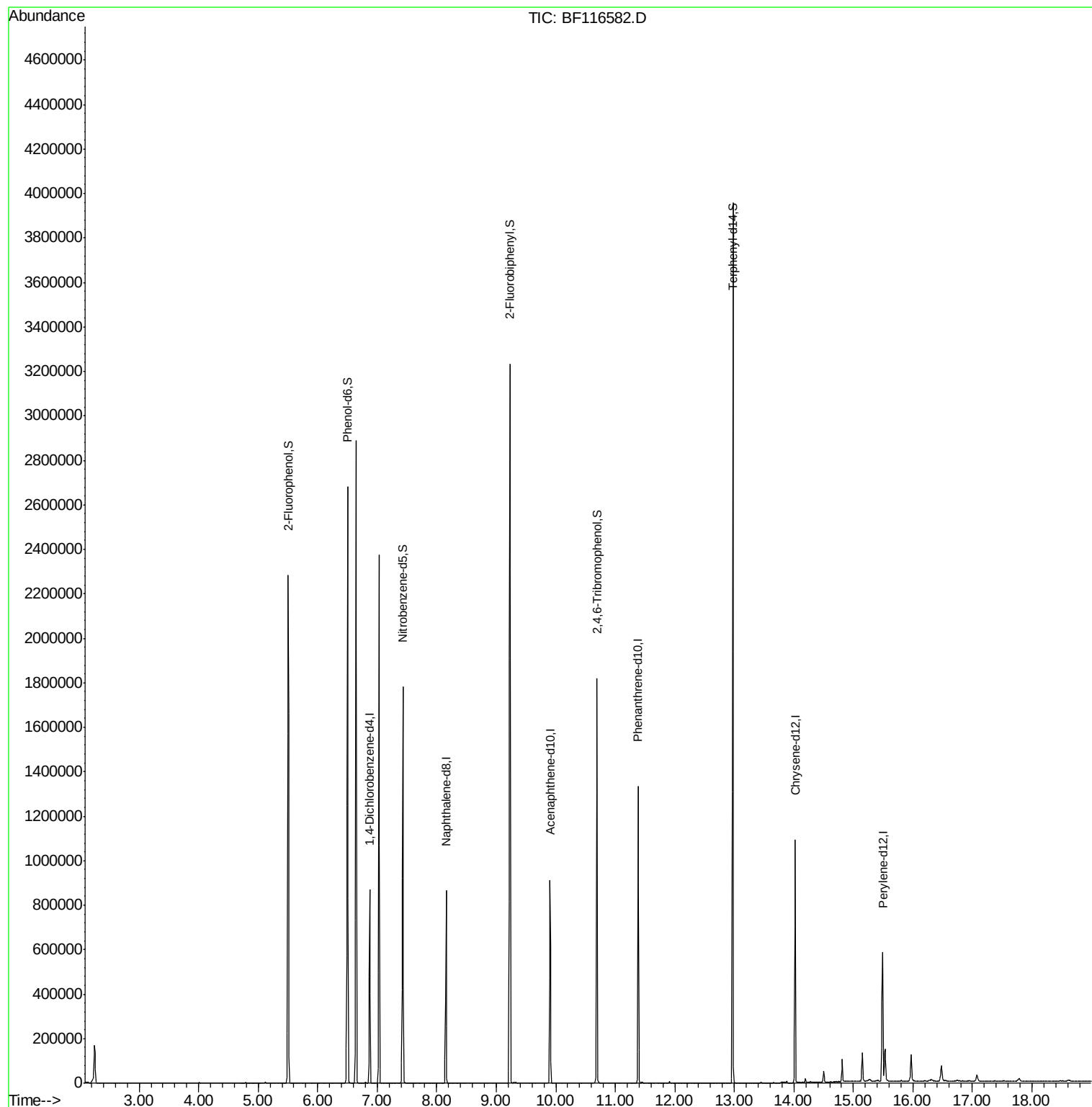
Target Compounds Qvalue

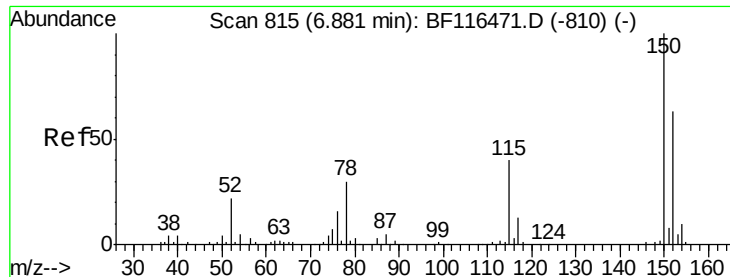
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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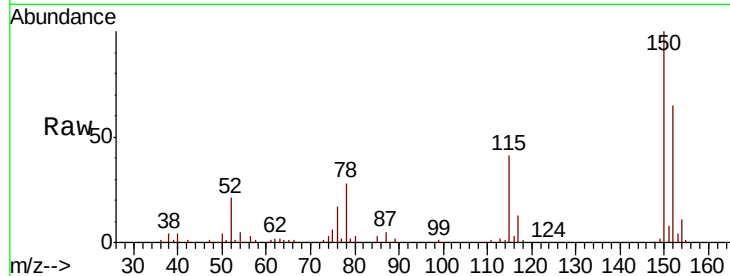


#1

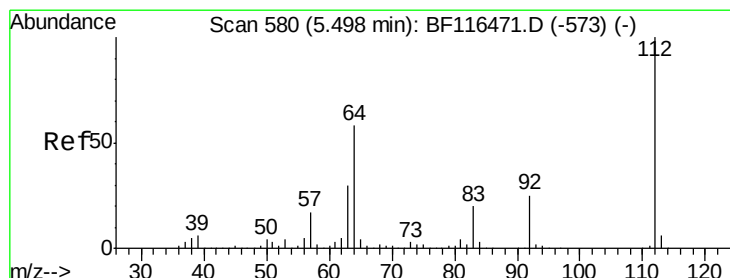
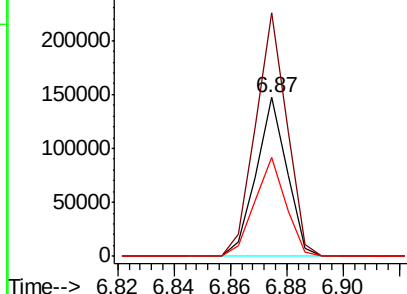
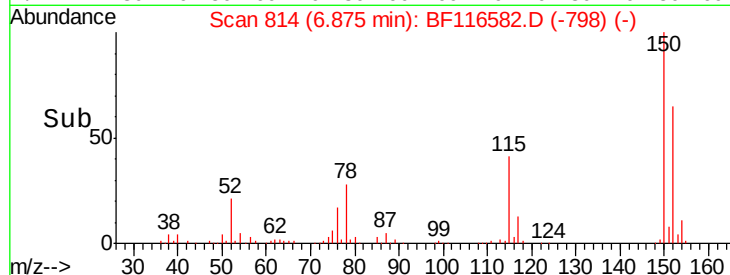
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF116582.D
 Acq: 27 Aug 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB122218BL

Tot Ion:152 Resp: 111643
 Ion Ratio Lower Upper
 152 100
 150 153.2 126.7 190.1
 115 62.7 50.9 76.3



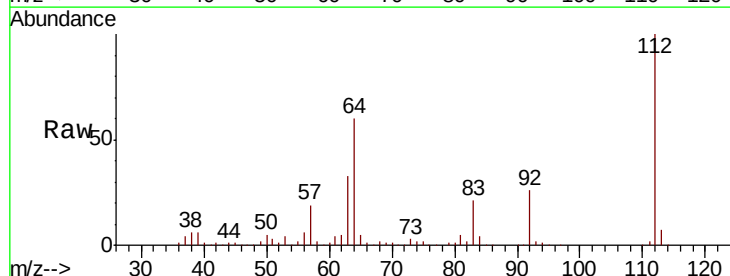
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



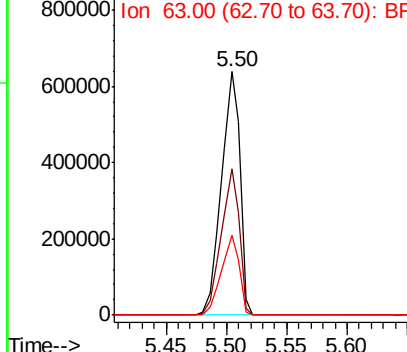
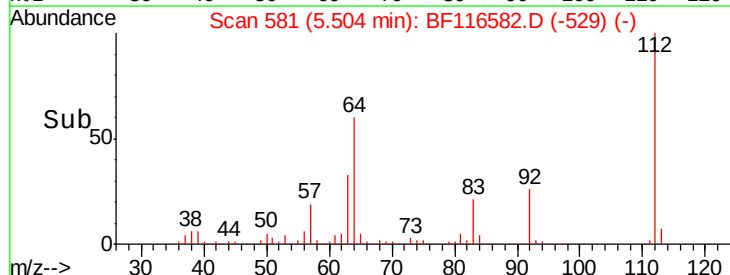
#5

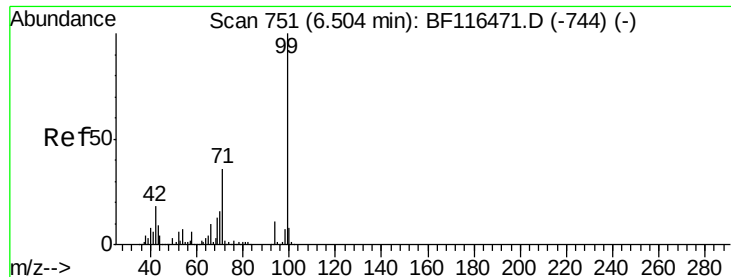
2-Fluorophenol
 Concen: 88.186 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF116582.D
 Acq: 27 Aug 2019 13:51

Tgt Ion:112 Resp: 673811
 Ion Ratio Lower Upper
 112 100
 64 59.9 46.3 69.5
 63 32.7 24.2 36.4



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: 102.311 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116582.D

Acq: 27 Aug 2019 13:51

Instrument :

BNA_F

ClientSampleId :

PB122218BL

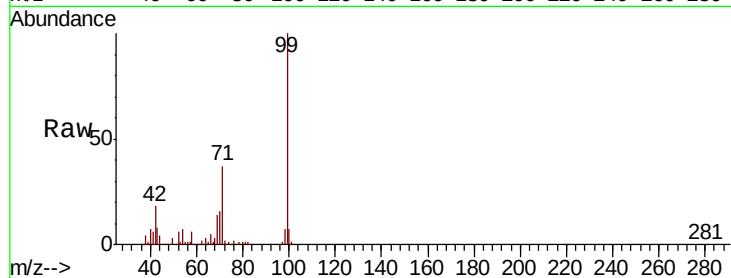
Tot Ion: 99 Resp: 958519

Ion Ratio Lower Upper

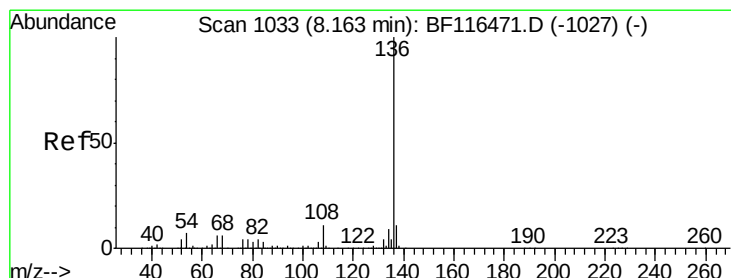
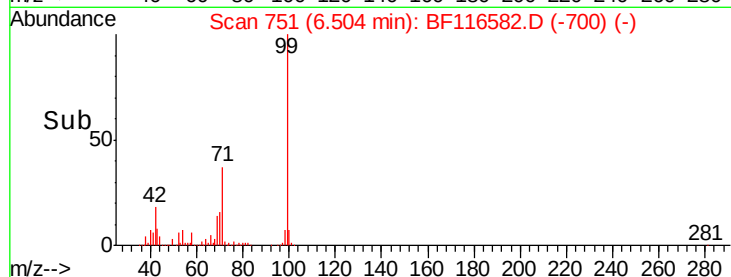
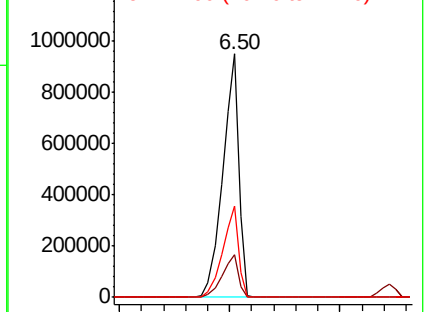
99 100

42 17.7 14.6 21.8

71 37.3 28.5 42.7



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF116582.D

Acq: 27 Aug 2019 13:51

Tgt Ion: 136 Resp: 443137

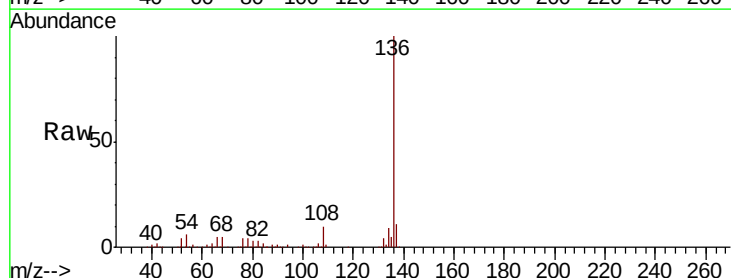
Ion Ratio Lower Upper

136 100

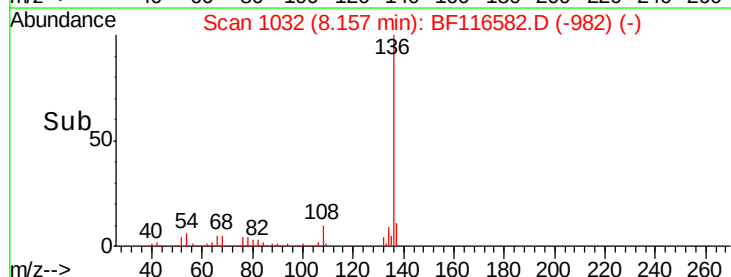
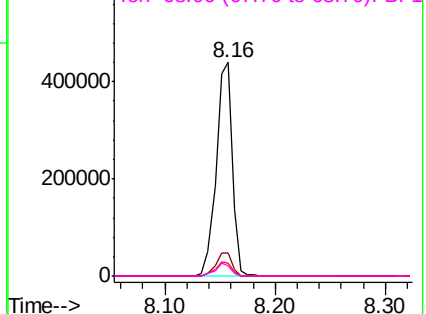
137 11.0 9.0 13.4

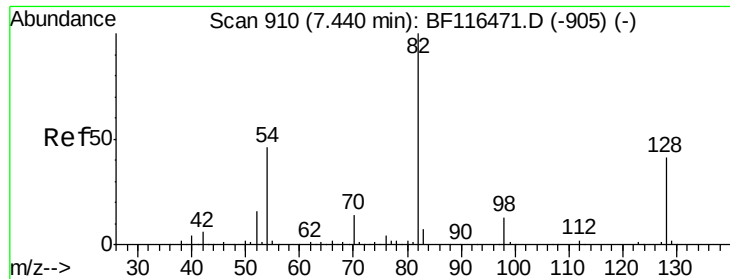
54 5.9 5.8 8.6

68 5.0 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

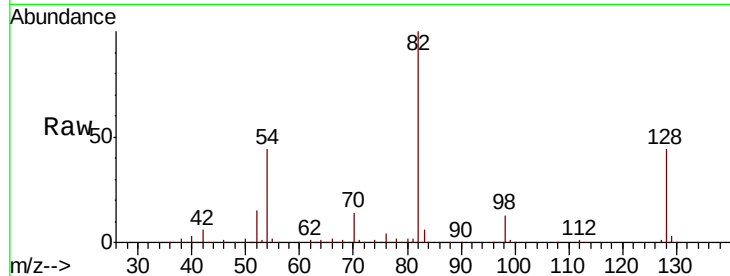




#23
 Nitrobenzene-d5
 Concen: 79.964 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF116582.D
 Acq: 27 Aug 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB122218BL

Tot Ion	82	Resp	647689
Ion Ratio	Lower	Upper	
82	100		
128	44.1	32.2	48.4
54	44.1	36.5	54.7

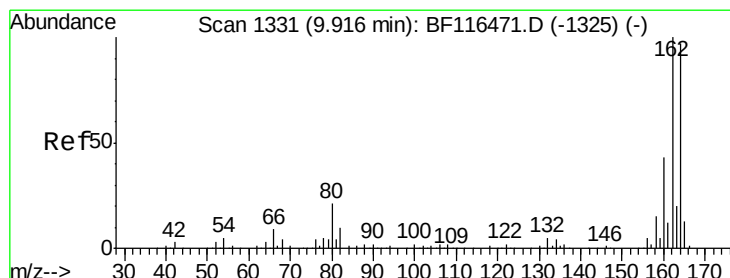
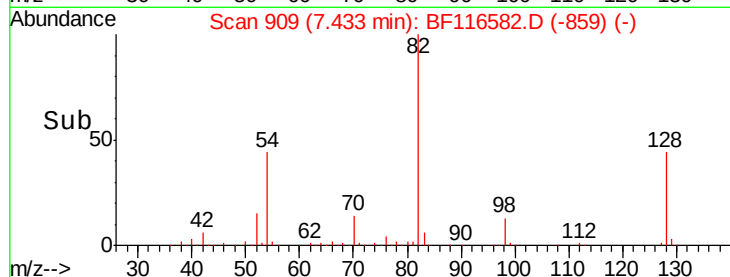
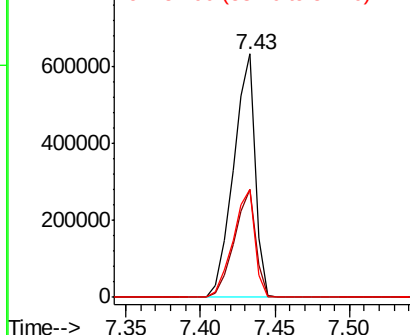


Abundance

Ion 82.00 (81.70 to 82.70): BF1

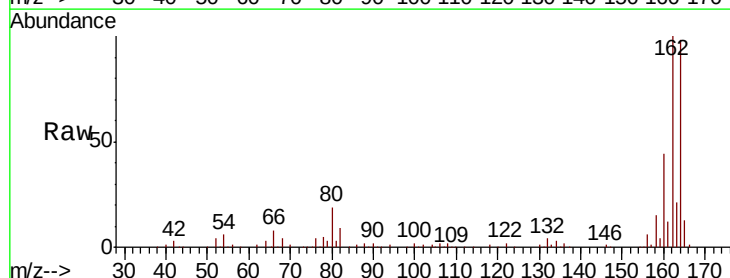
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF116582.D
 Acq: 27 Aug 2019 13:51

Tgt Ion	164	Resp	181681
Ion Ratio	Lower	Upper	
164	100		
162	101.9	82.6	123.8
160	44.9	35.8	53.8

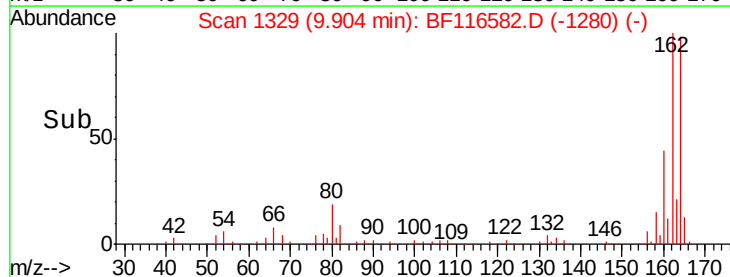
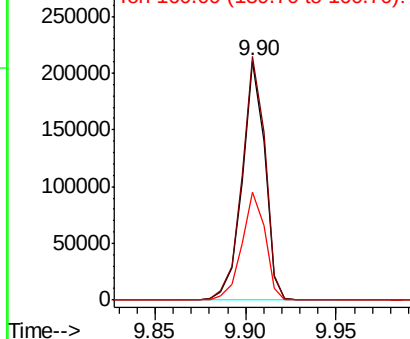


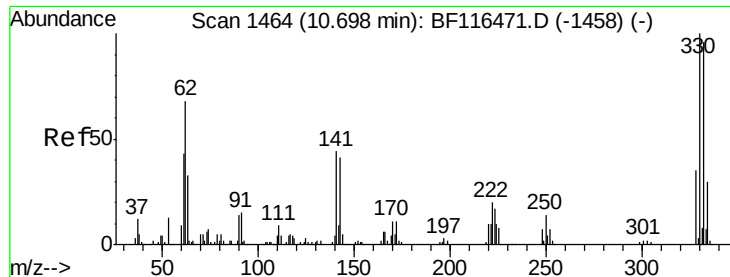
Abundance

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

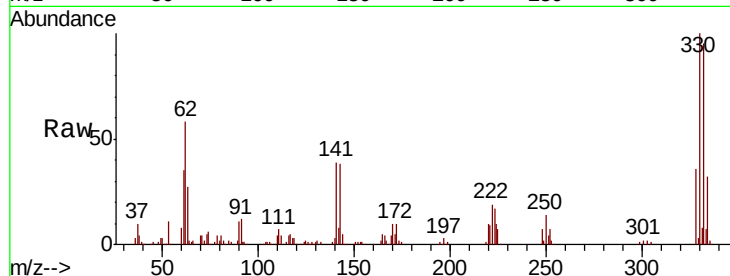




#42
 2,4,6-Tribromophenol
 Concen: 119.834 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF116582.D
 Acq: 27 Aug 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB122218BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.2	115.8
141	40.5	33.3	49.9

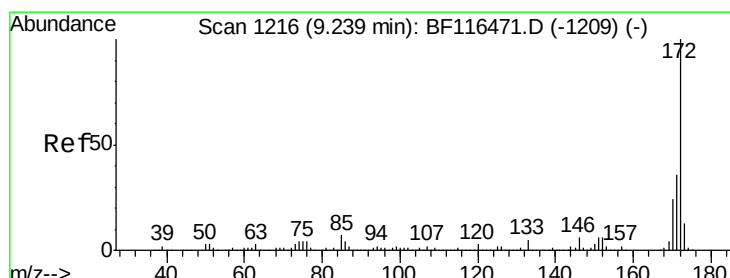
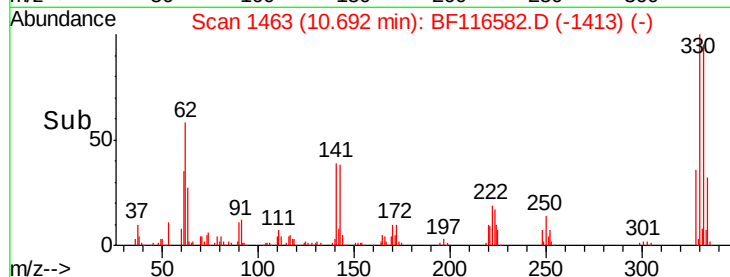
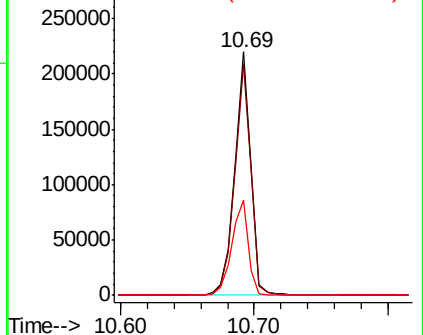


Abundance

Ion 329.80 (329.50 to 330.50): E

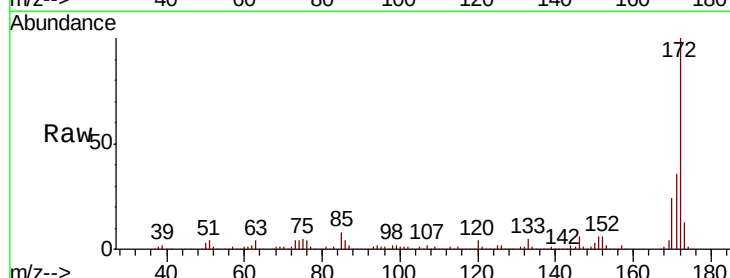
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.737 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF116582.D
 Acq: 27 Aug 2019 13:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.9	19.4	29.0

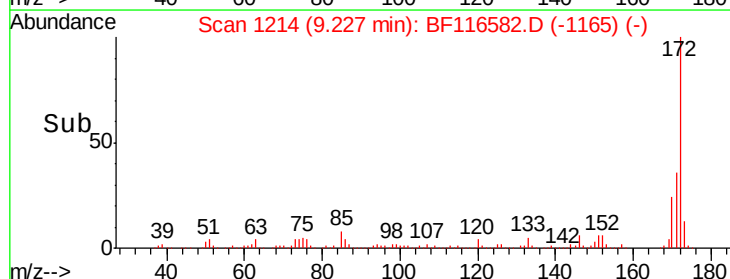
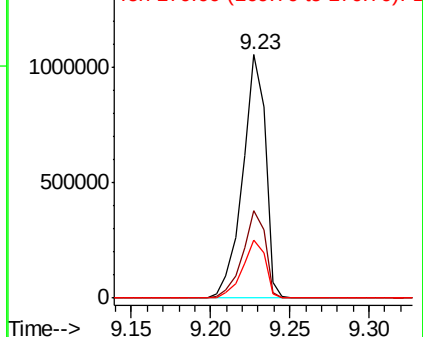


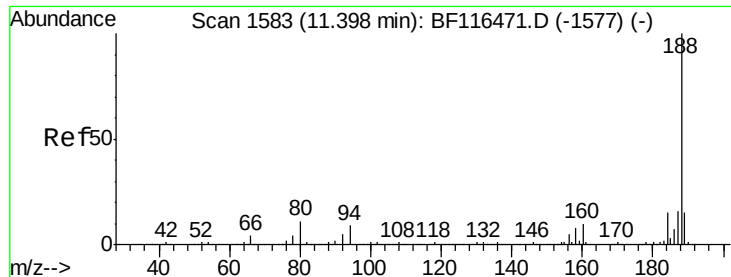
Abundance

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

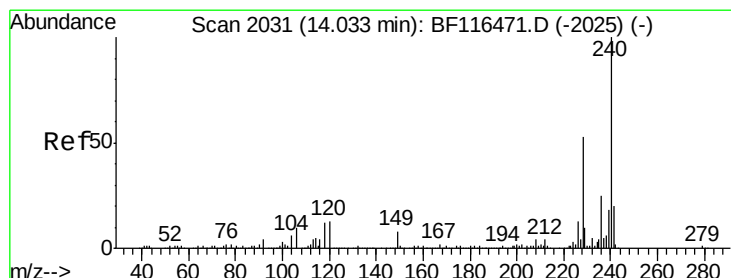
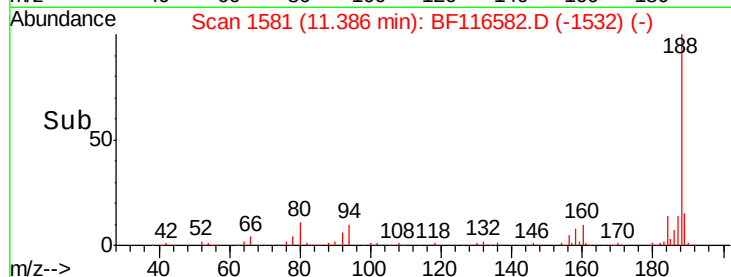
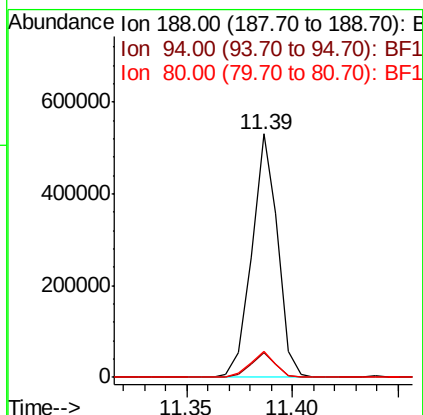
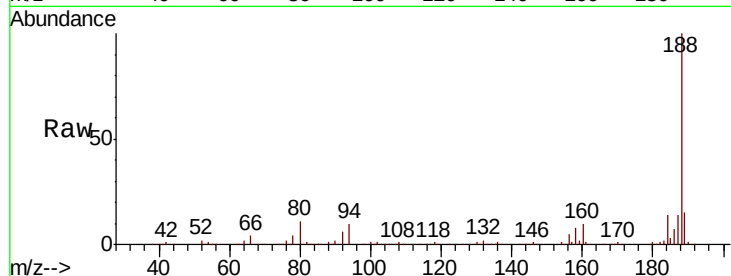




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF116582.D
 Acq: 27 Aug 2019 13:51

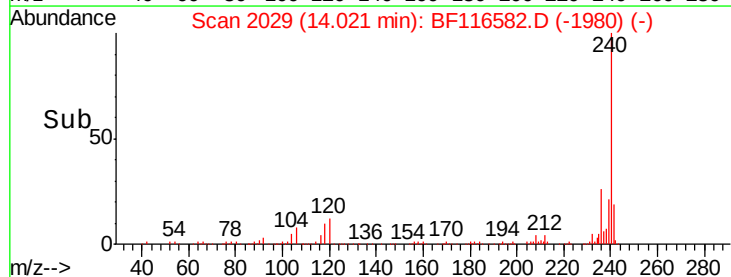
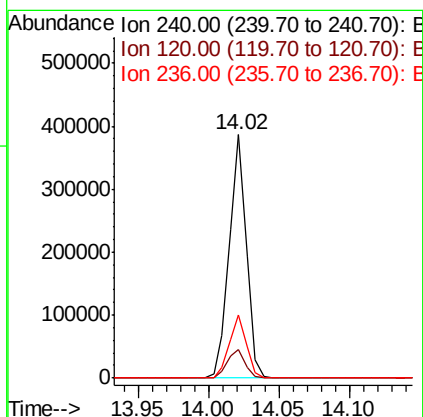
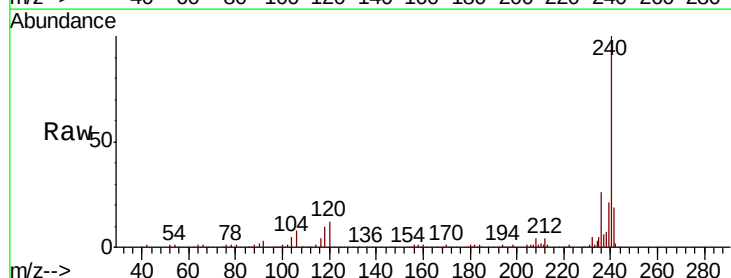
Instrument :
 BNA_F
 ClientSampleId :
 PB122218BL

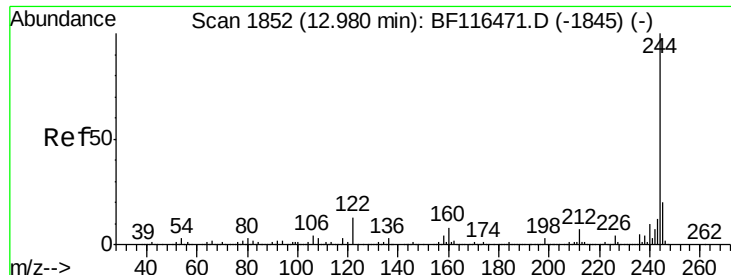
Tot Ion:188 Resp: 451604
 Ion Ratio Lower Upper
 188 100
 94 10.0 7.4 11.2
 80 10.7 8.6 12.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF116582.D
 Acq: 27 Aug 2019 13:51

Tgt Ion:240 Resp: 327942
 Ion Ratio Lower Upper
 240 100
 120 11.6 10.5 15.7
 236 26.0 20.2 30.2





#79

Terphenyl-d14

Concen: 75.636 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF116582.D

Acq: 27 Aug 2019 13:51

Instrument :

BNA_F

ClientSampleId :

PB122218BL

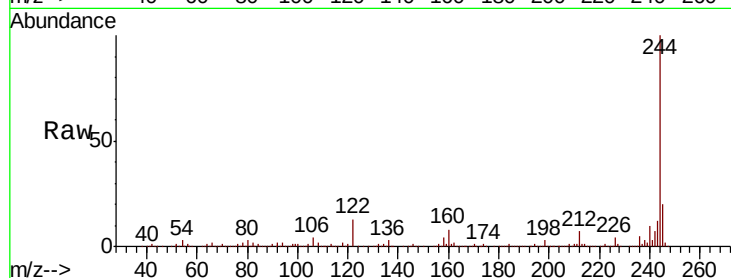
Tot Ion:244 Resp: 1327923

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

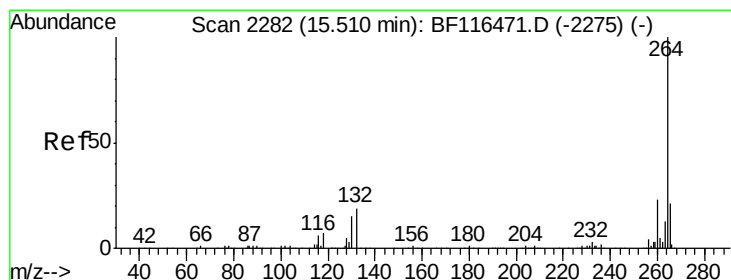
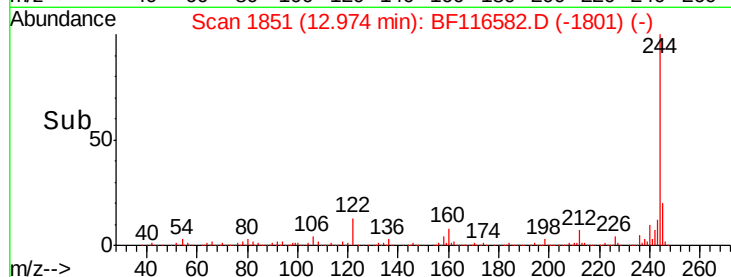
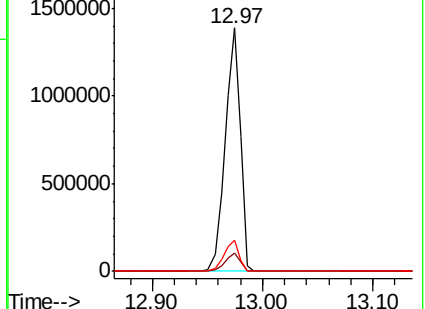
122 12.6 10.2 15.4



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. -0.02 min

Lab File: BF116582.D

Acq: 27 Aug 2019 13:51

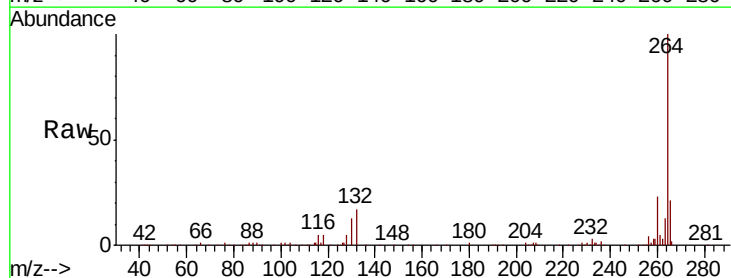
Tgt Ion:264 Resp: 284700

Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 20.6 17.1 25.7



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

