

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116823.D
 Acq On : 4 Sep 2019 18:42
 Operator : HP/JU
 Sample : K4546-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T3-S-C1-C4

Quant Time: Sep 05 04:19:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

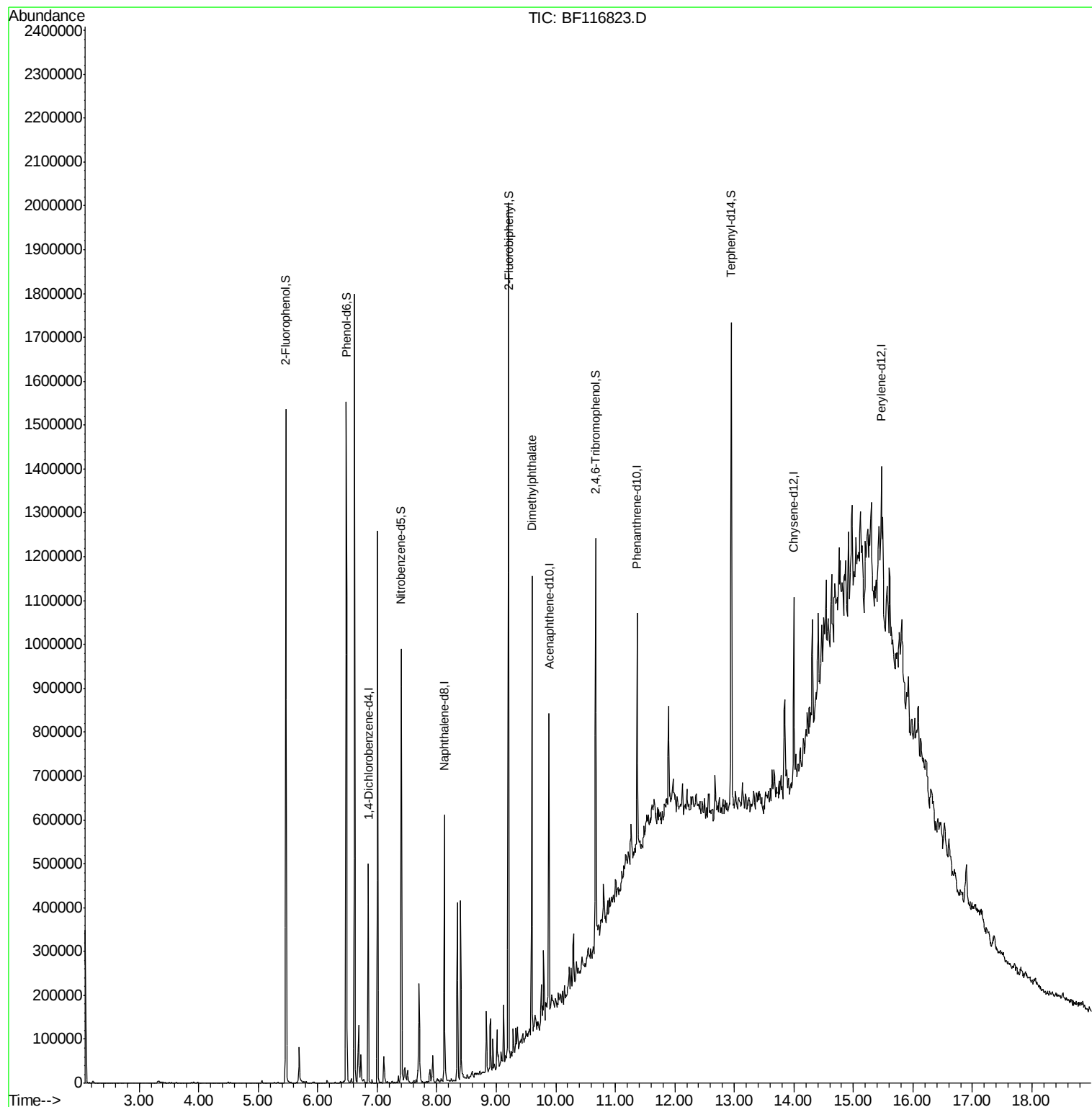
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	70378	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	273003	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	134328	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	176895	20.00	ng	0.00
76) Chrysene-d12	14.00	240	136155	20.00	ng	0.00
87) Perylene-d12	15.47	264	111897	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	410341	94.46	ng	0.00
7) Phenol-d6	6.48	99	558795	97.96	ng	0.00
23) Nitrobenzene-d5	7.40	82	344426	72.02	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	92540	103.05	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	522638	65.63	ng	0.00
79) Terphenyl-d14	12.94	244	373885	50.80	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	360294	38.850	ng	Qvalue 97

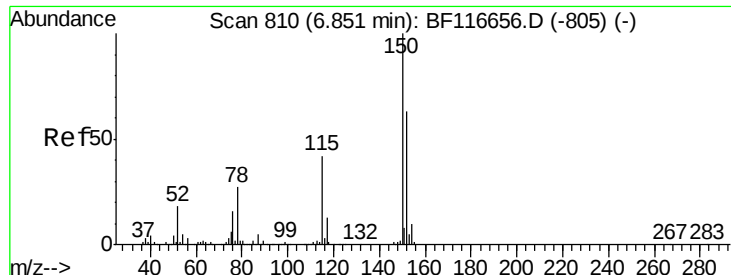
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF116823.D

Acq: 4 Sep 2019 18:42

Instrument :

BNA_F

ClientSampleId :

T3-S-C1-C4

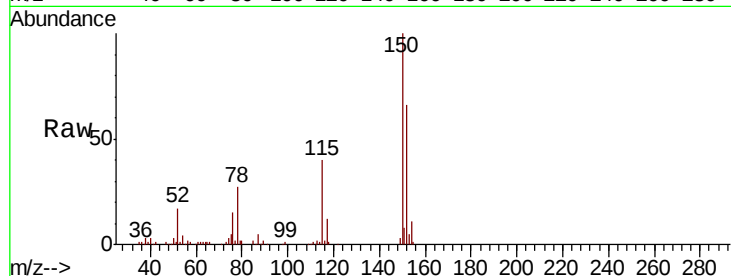
Tot Ion:152 Resp: 70378

Ion Ratio Lower Upper

152 100

150 150.7 124.4 186.6

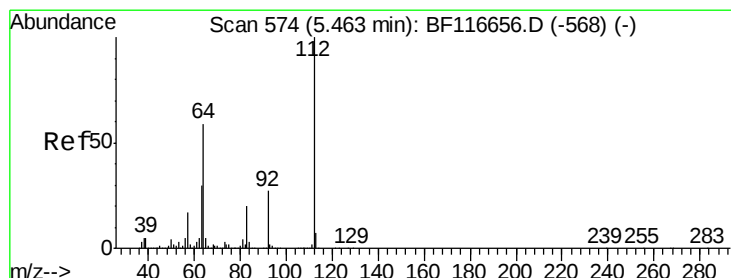
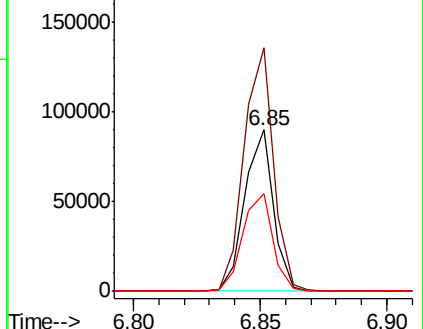
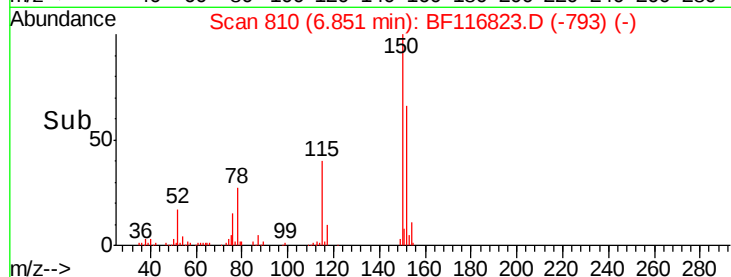
115 60.4 49.9 74.9



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: 94.458 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116823.D

Acq: 4 Sep 2019 18:42

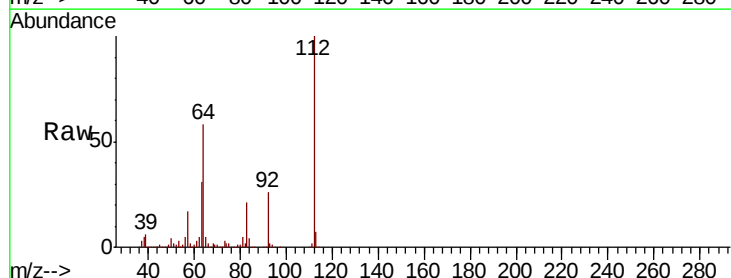
Tgt Ion:112 Resp: 410341

Ion Ratio Lower Upper

112 100

64 57.6 47.1 70.7

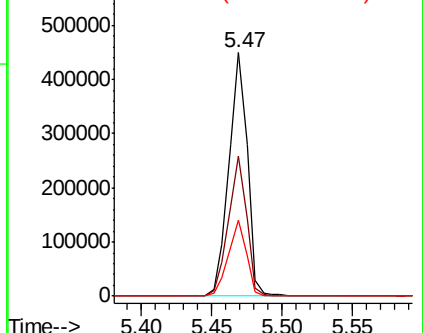
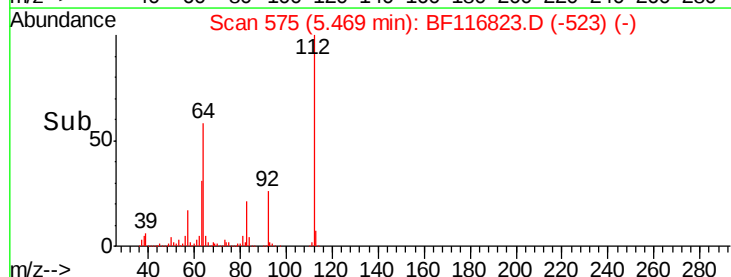
63 31.2 24.9 37.3

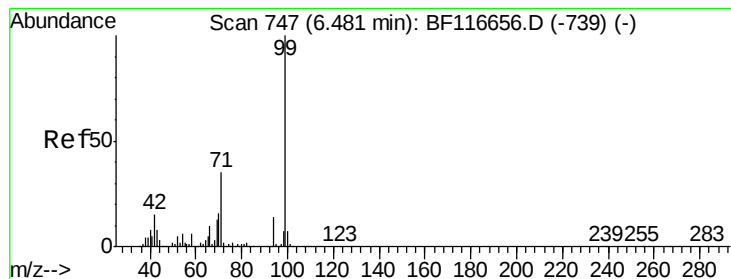


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.959 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116823.D

Acq: 4 Sep 2019 18:42

Instrument :

BNA_F

ClientSampleId :

T3-S-C1-C4

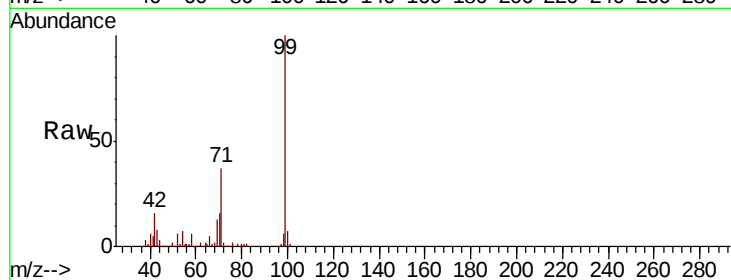
Tot Ion: 99 Resp: 558795

Ion Ratio Lower Upper

99 100

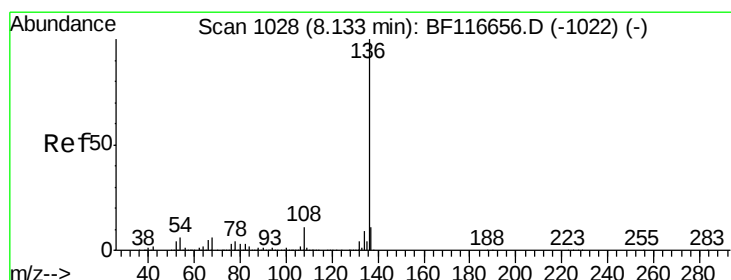
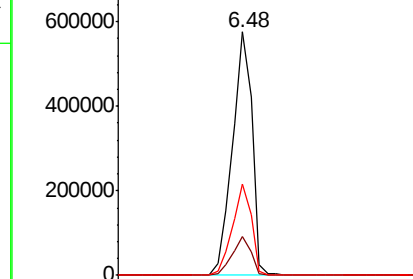
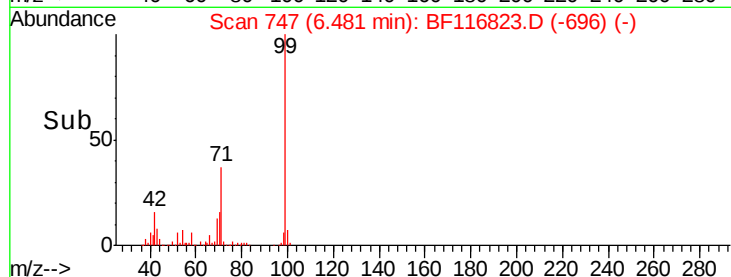
42 15.7 13.7 20.5

71 37.3 30.8 46.2



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

6.48



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116823.D

Acq: 4 Sep 2019 18:42

Tgt Ion: 136 Resp: 273003

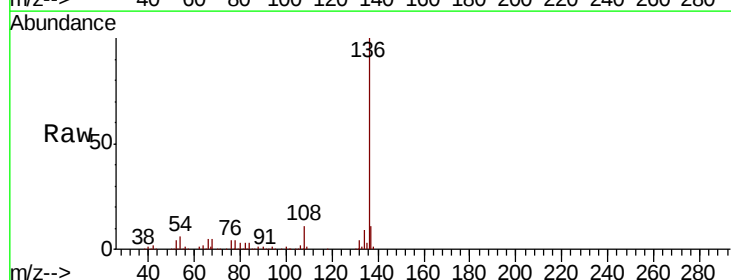
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

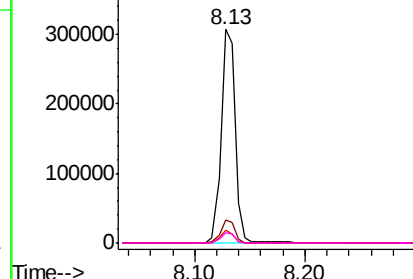
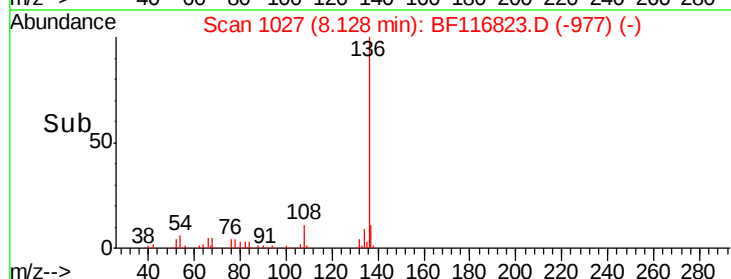
54 6.0 4.8 7.2

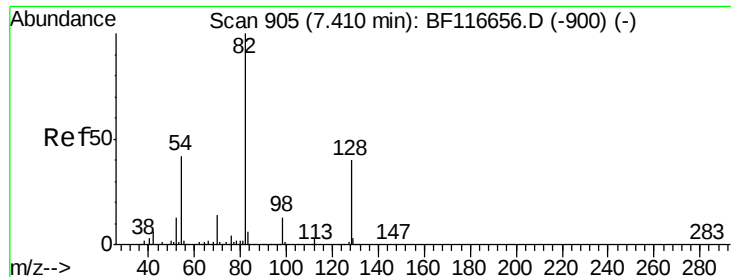
68 4.6 4.0 6.0



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

8.13

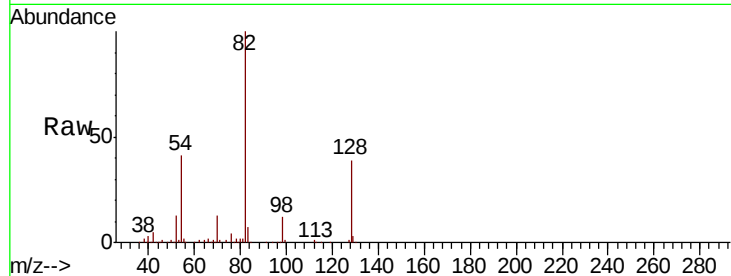




#23
 Nitrobenzene-d5
 Concen: 72.023 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116823.D
 Acq: 4 Sep 2019 18:42

Instrument :
 BNA_F
 ClientSampleId :
 T3-S-C1-C4

Tot Ion	82	Resp	344426
Ion Ratio	Lower	Upper	
82	100		
128	39.1	32.8	49.2
54	41.4	36.9	55.3

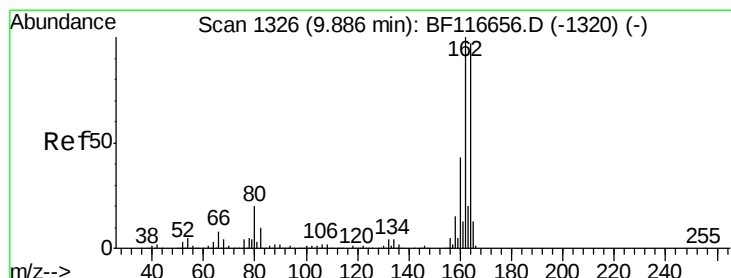
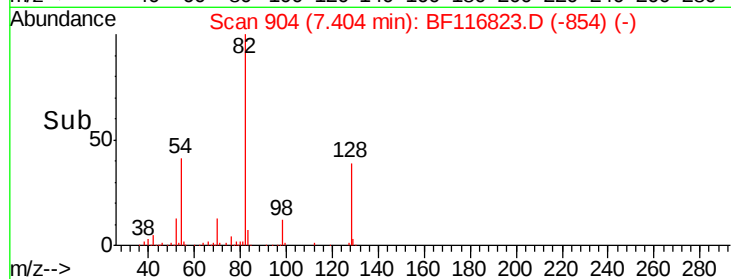
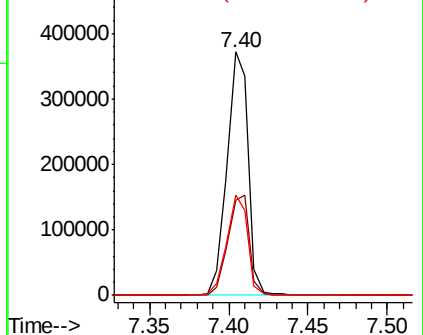


Abundance

Ion 82.00 (81.70 to 82.70): BF1

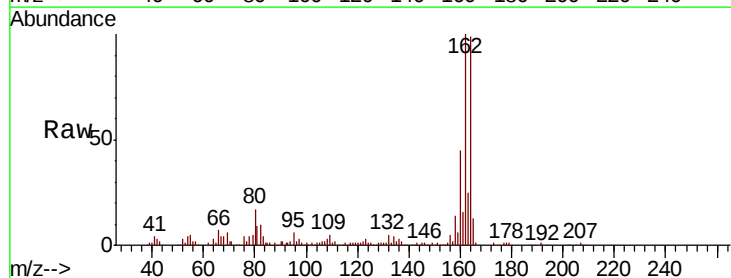
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF116823.D
 Acq: 4 Sep 2019 18:42

Tgt Ion	164	Resp	134328
Ion Ratio	Lower	Upper	
164	100		
162	101.0	81.4	122.0
160	45.8	35.4	53.2

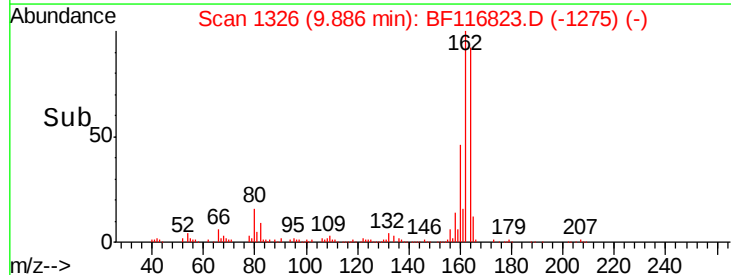
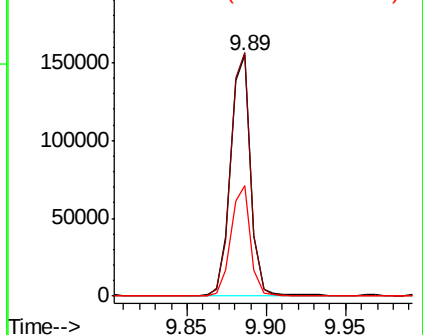


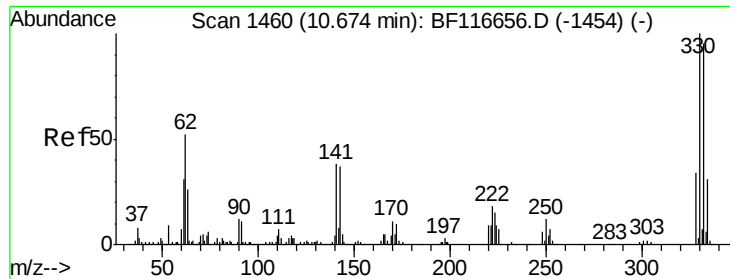
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

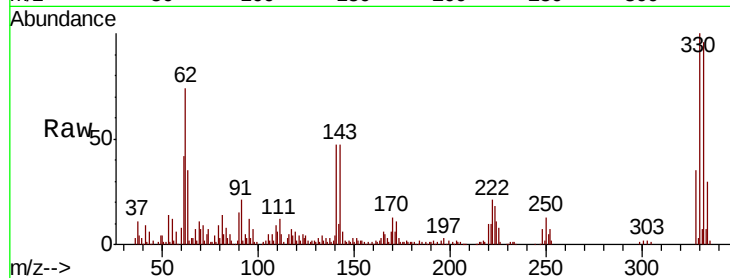




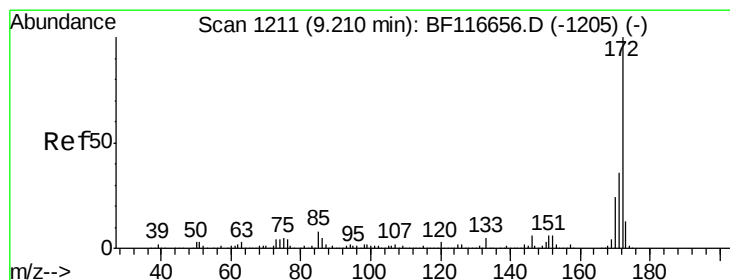
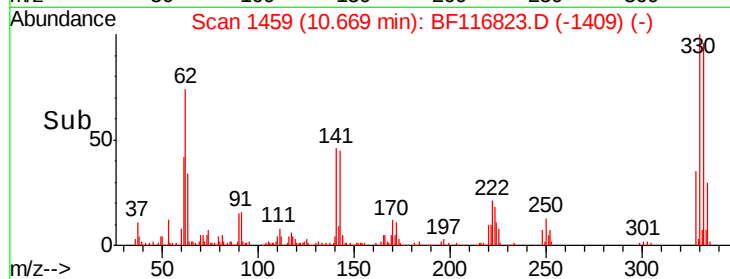
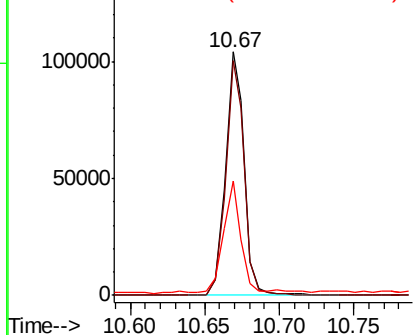
#42
 2,4,6-Tribromophenol
 Concen: 103.050 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116823.D
 Acq: 4 Sep 2019 18:42

Instrument :
 BNA_F
 ClientSampleId :
 T3-S-C1-C4

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	42.2	31.4	47.2

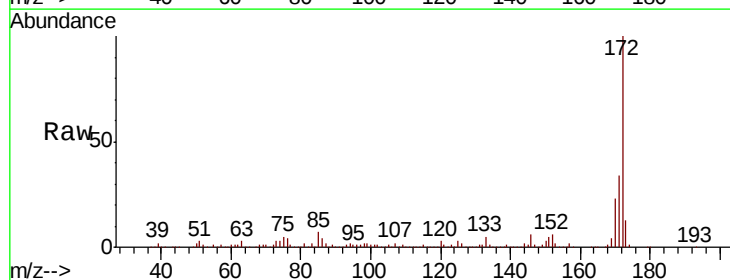


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

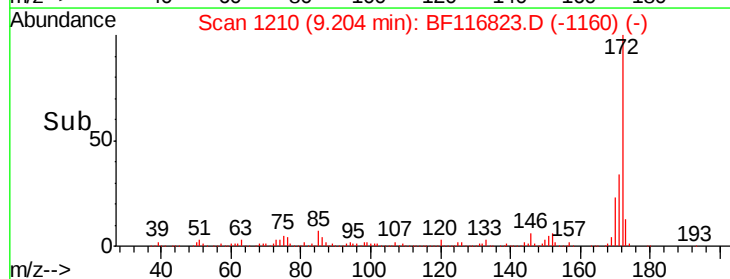
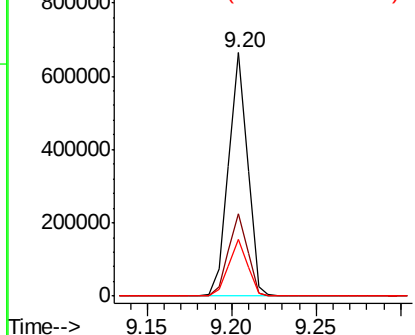


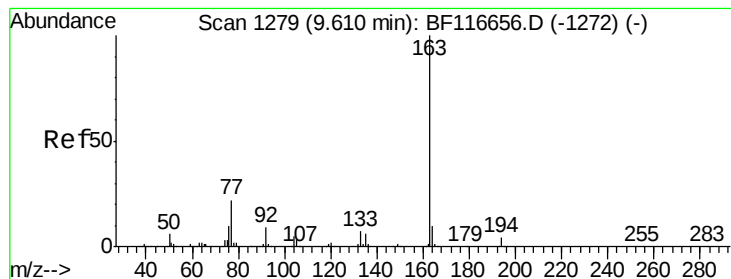
#45
 2-Fluorobiphenyl
 Concen: 65.633 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116823.D
 Acq: 4 Sep 2019 18:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.8	41.6
170	23.1	18.9	28.3



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: 38.850 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF116823.D

Acq: 4 Sep 2019 18:42

Instrument :

BNA_F

ClientSampleId :

T3-S-C1-C4

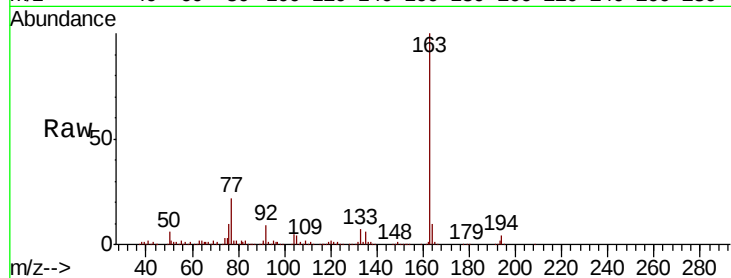
Tot Ion:163 Resp: 360294

Ion Ratio Lower Upper

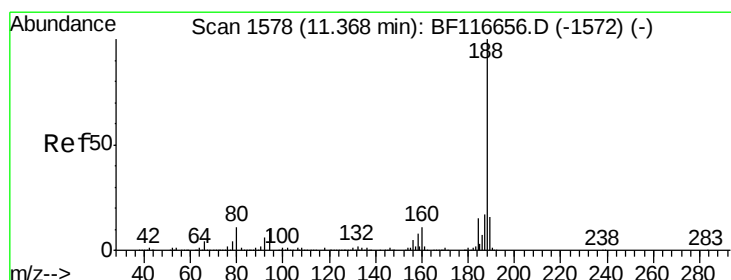
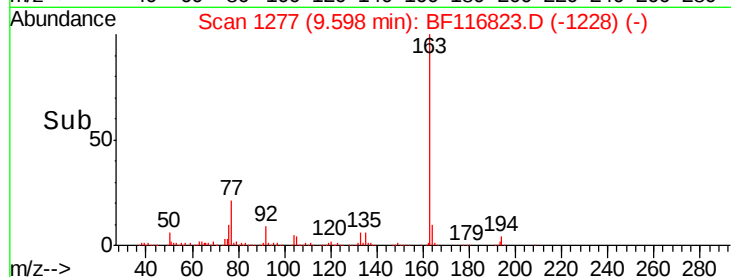
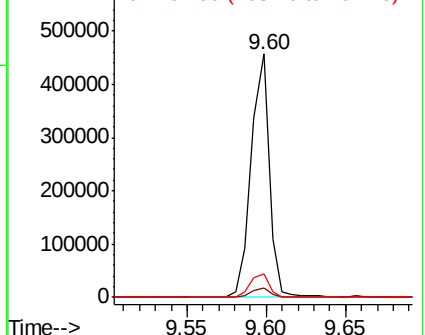
163 100

194 4.1 2.8 4.2

164 9.6 8.6 12.8



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: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF116823.D

Acq: 4 Sep 2019 18:42

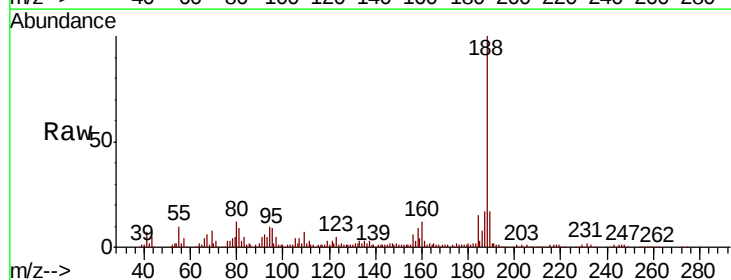
Tgt Ion:188 Resp: 176895

Ion Ratio Lower Upper

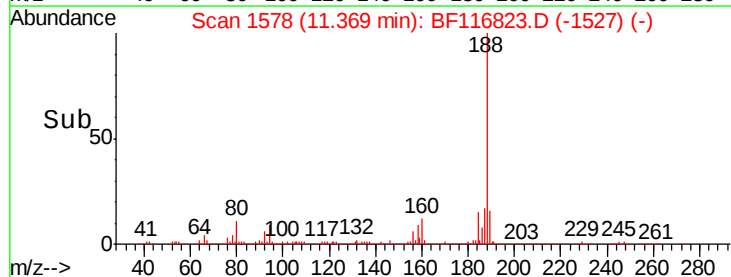
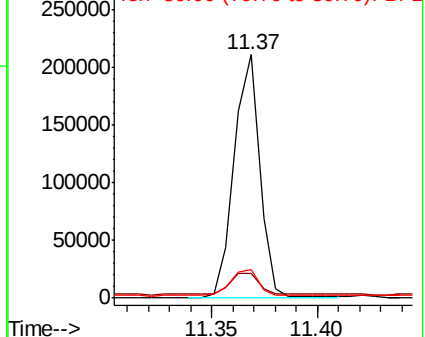
188 100

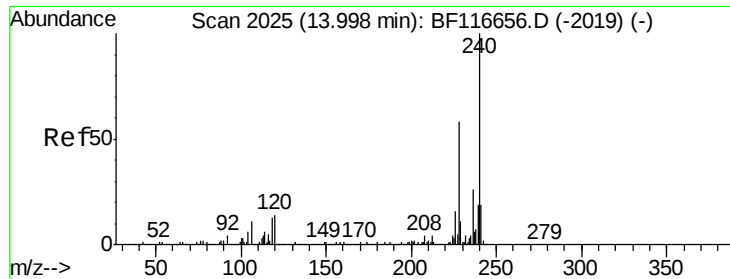
94 10.3 7.3 10.9

80 11.8 8.4 12.6



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

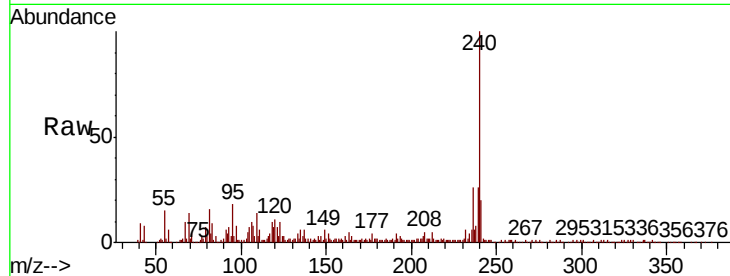




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF116823.D
 Acq: 4 Sep 2019 18:42

Instrument :
 BNA_F
 ClientSampleId :
 T3-S-C1-C4

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.1	13.7
236	26.1	21.1	31.7

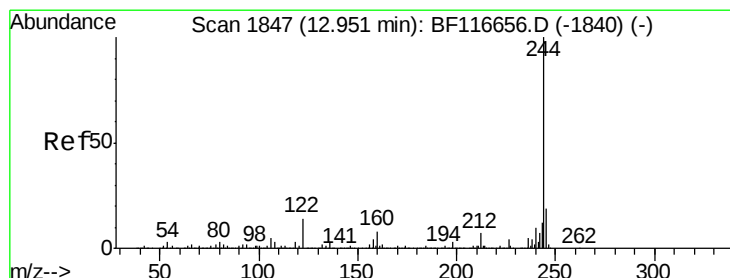
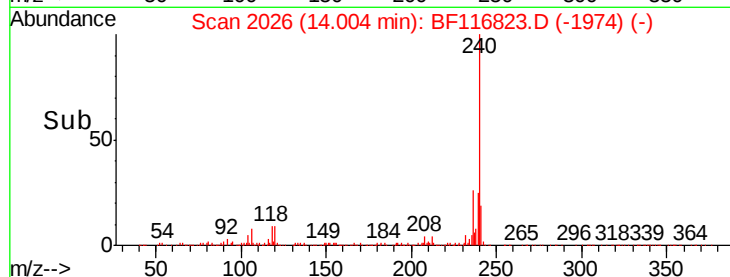
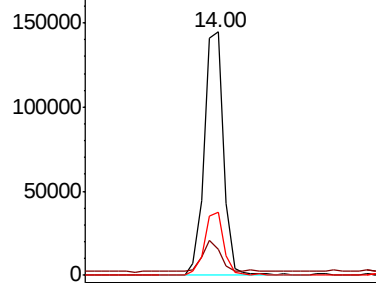


Abundance

Ion 240.00 (239.70 to 240.70): E

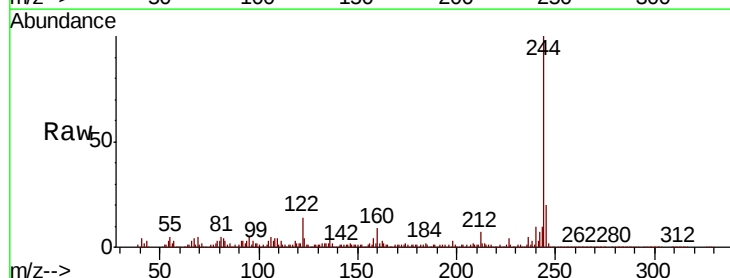
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79
 Terphenyl-d14
 Concen: 50.800 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116823.D
 Acq: 4 Sep 2019 18:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	14.2	10.2	15.4

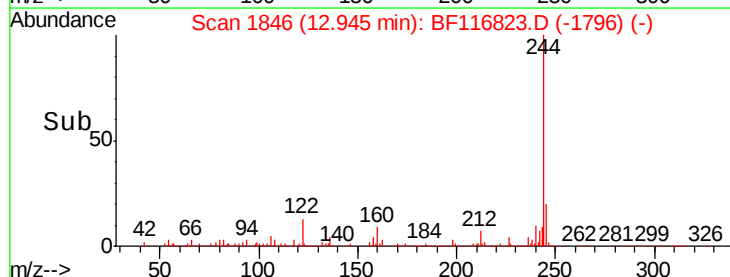
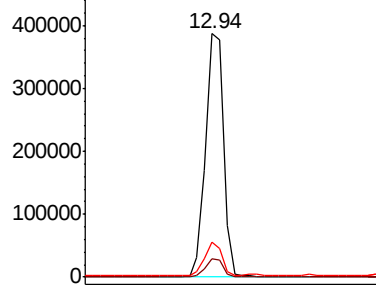


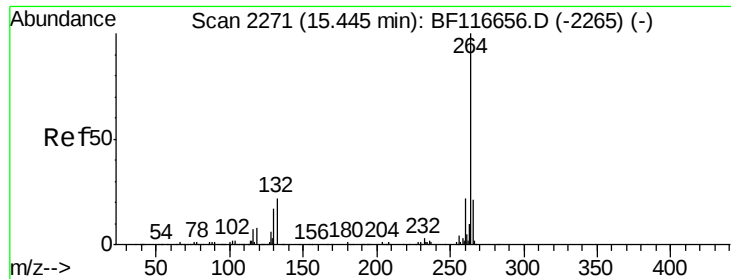
Abundance

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

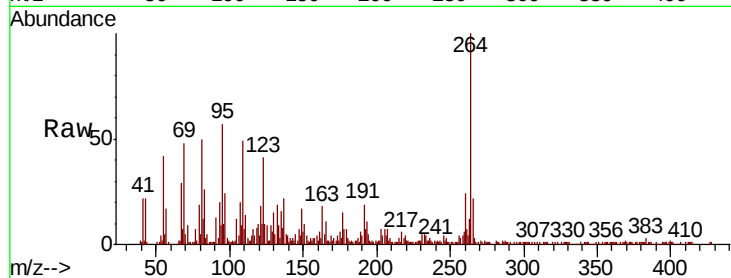




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.02 min
 Lab File: BF116823.D
 Acq: 4 Sep 2019 18:42

Instrument :
 BNA_F
 ClientSampleId :
 T3-S-C1-C4

Tot Ion:	264	Resp:	111897
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	21.8	16.5	24.7



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

