

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112079.D
 Acq On : 17 Jan 2019 10:26
 Operator : JU/SJ
 Sample : K1147-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Jan 17 12:23:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

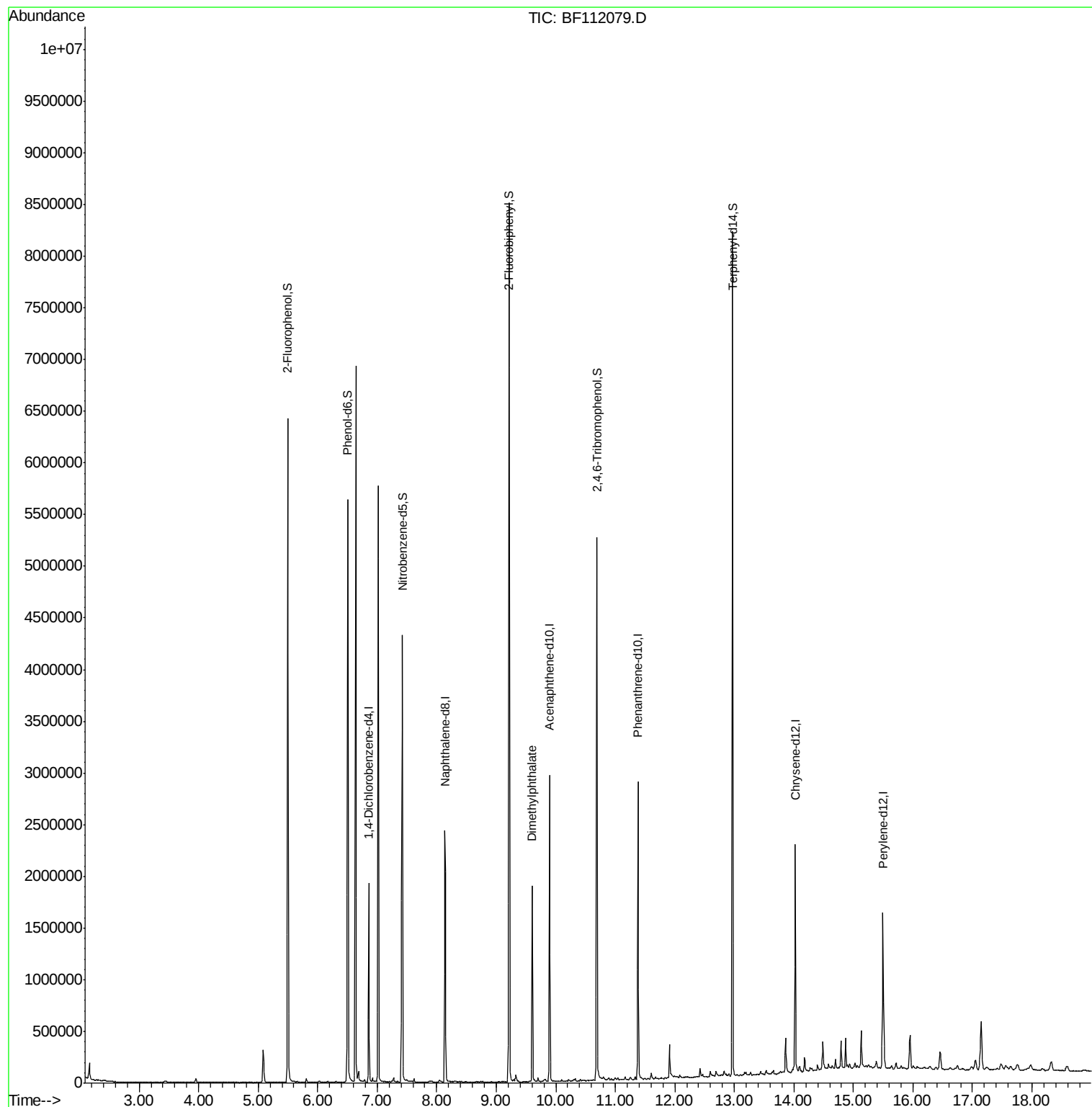
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	297873	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1139351	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	575806	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1143100	20.00	ng	0.00
76) Chrysene-d12	14.02	240	786034	20.00	ng	-0.01
87) Perylene-d12	15.50	264	663190	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1822351	111.04	ng	0.00
7) Phenol-d6	6.50	99	2347886	114.35	ng	0.00
23) Nitrobenzene-d5	7.42	82	1435624	87.05	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	789576	127.11	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2867095	73.00	ng	0.00
79) Terphenyl-d14	12.97	244	3110584	84.19	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	789184	18.794	ng	Qvalue 100

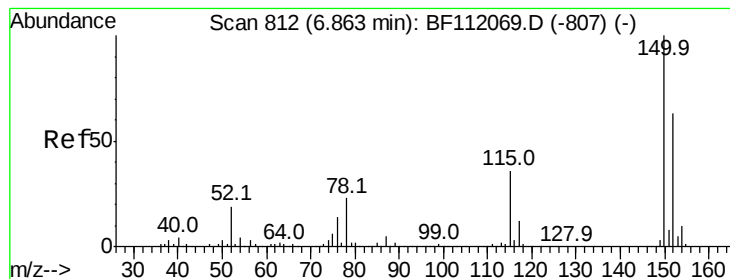
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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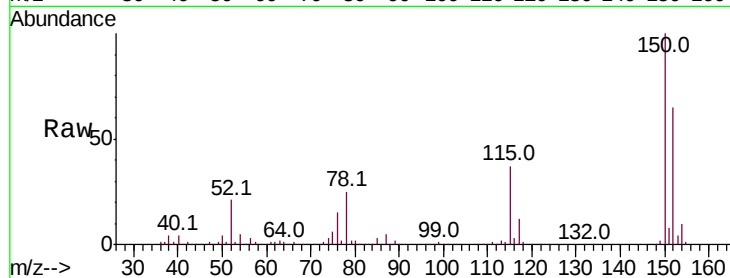


#1

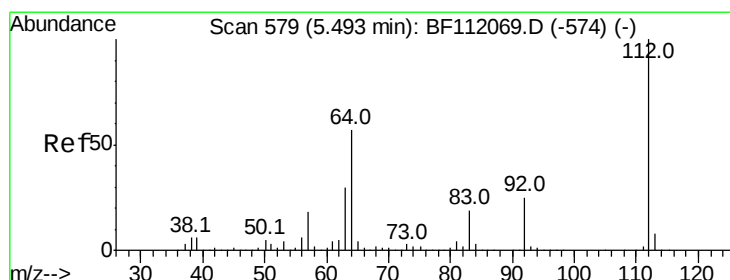
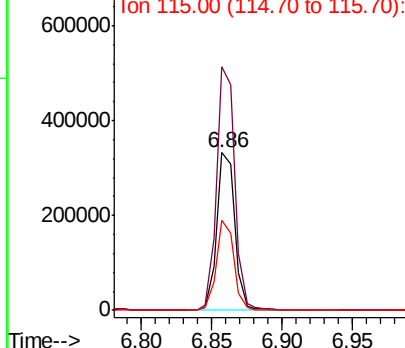
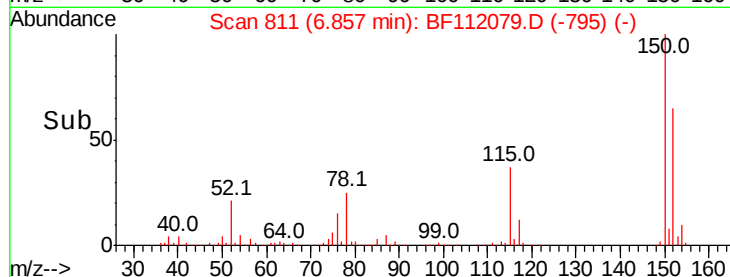
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF112079.D
 Acq: 17 Jan 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion:152 Resp: 297873
 Ion Ratio Lower Upper
 152 100
 150 154.6 127.4 191.0
 115 57.5 45.5 68.3



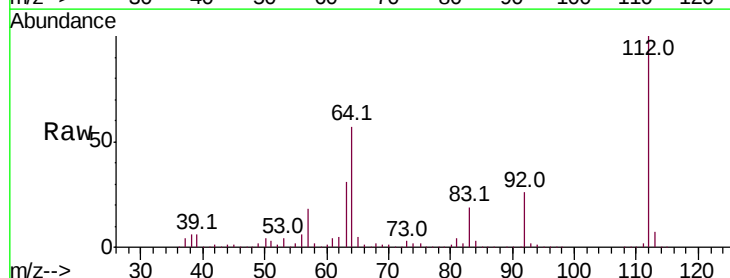
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



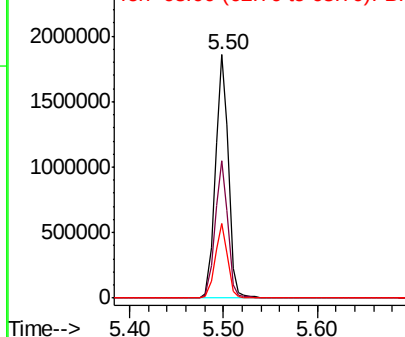
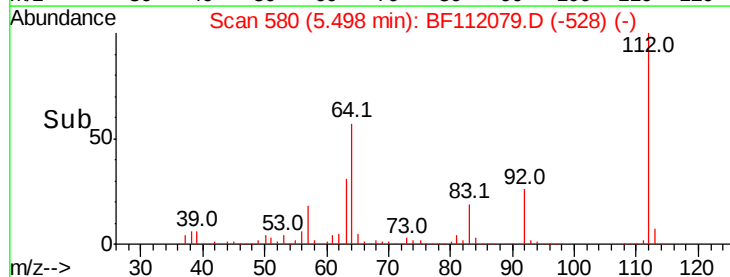
#5

2-Fluorophenol
 Concen: 111.042 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF112079.D
 Acq: 17 Jan 2019 10:26

Tgt Ion:112 Resp: 1822351
 Ion Ratio Lower Upper
 112 100
 64 56.6 45.7 68.5
 63 30.6 23.6 35.4



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: 114.346 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112079.D

Acq: 17 Jan 2019 10:26

Instrument :

BNA_F

ClientSampled :

TP-4

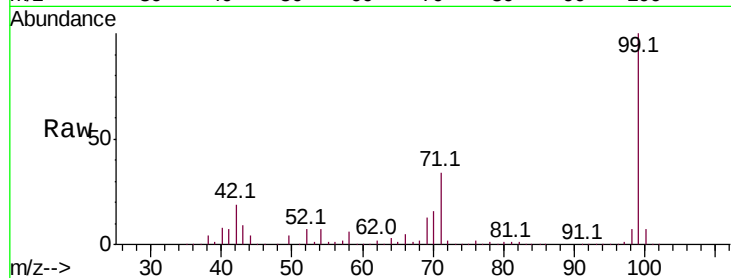
Tot Ion: 99 Resp: 2347886

Ion Ratio Lower Upper

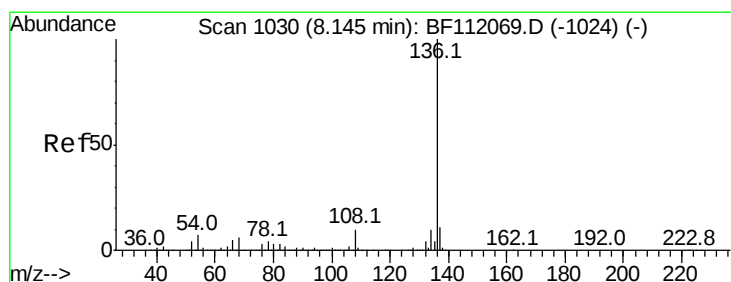
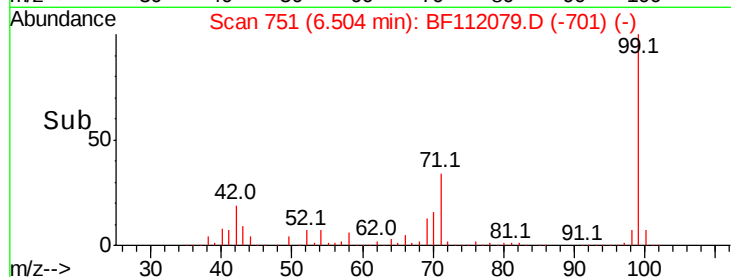
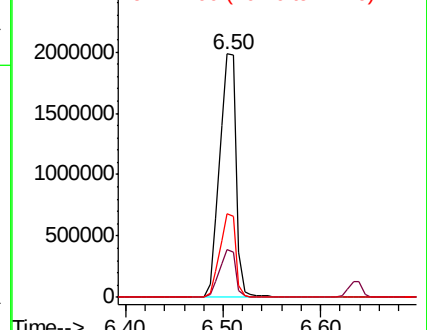
99 100

42 19.4 15.1 22.7

71 34.4 26.9 40.3



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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF112079.D

Acq: 17 Jan 2019 10:26

Tgt Ion:136 Resp: 1139351

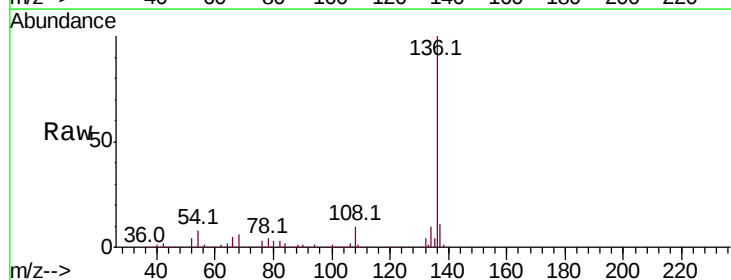
Ion Ratio Lower Upper

136 100

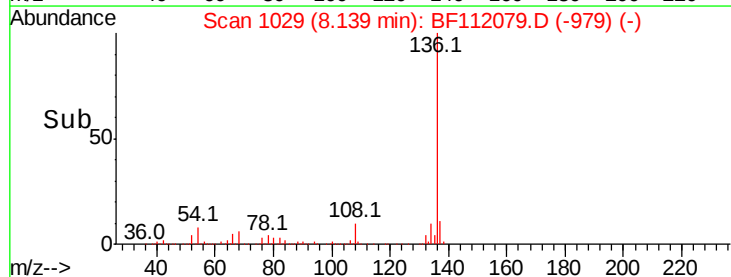
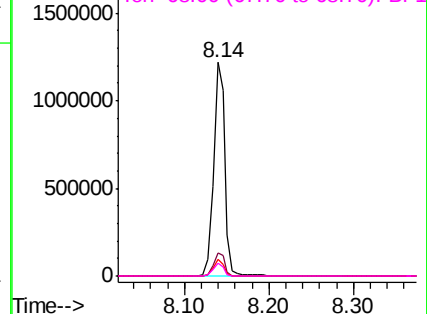
137 11.1 9.1 13.7

54 7.8 5.9 8.9

68 6.3 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

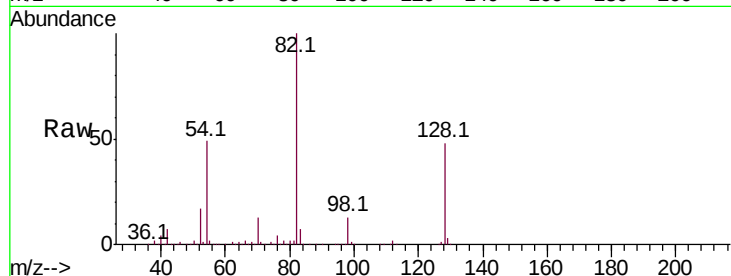




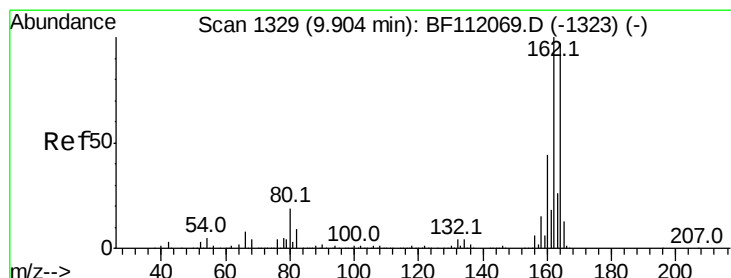
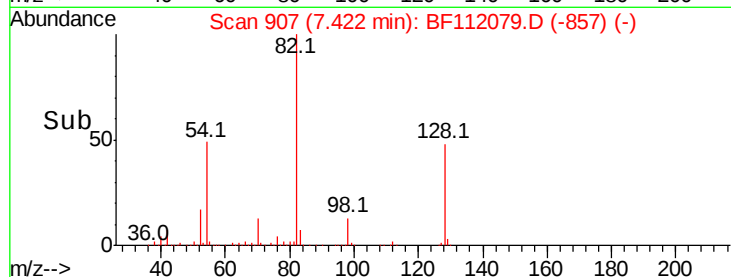
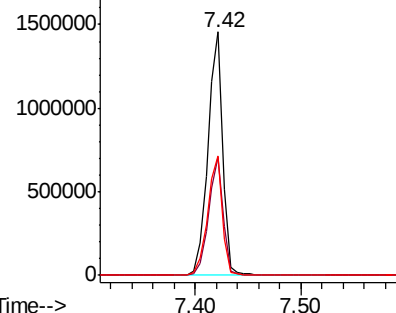
#23
Nitrobenzene-d5
Concen: 87.055 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112079.D
Acq: 17 Jan 2019 10:26

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion: 82 Resp: 1435624
Ion Ratio Lower Upper
82 100
128 48.5 37.8 56.8
54 49.2 39.7 59.5

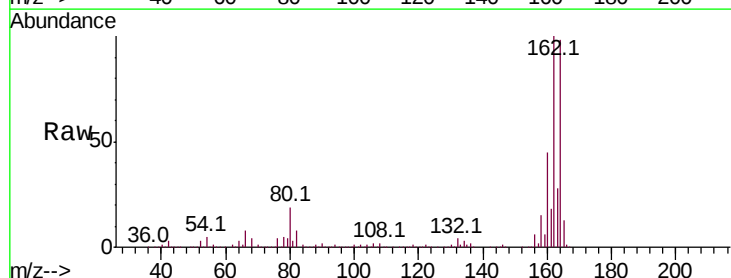


Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

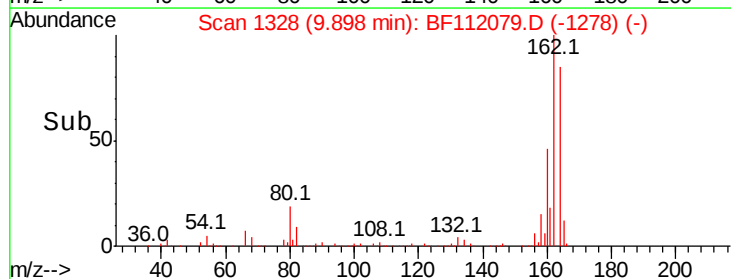
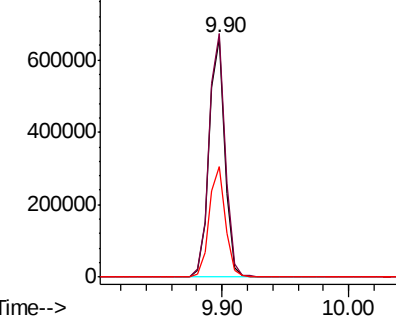


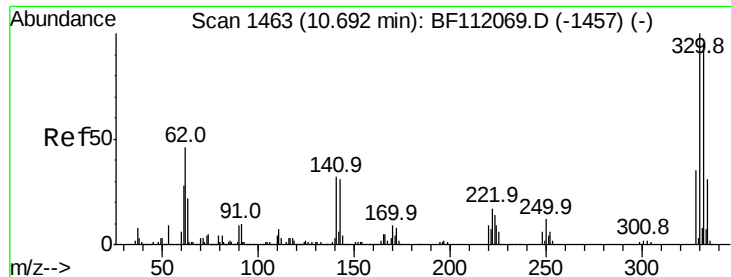
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF112079.D
Acq: 17 Jan 2019 10:26

Tgt Ion:164 Resp: 575806
Ion Ratio Lower Upper
164 100
162 101.9 82.2 123.4
160 46.3 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

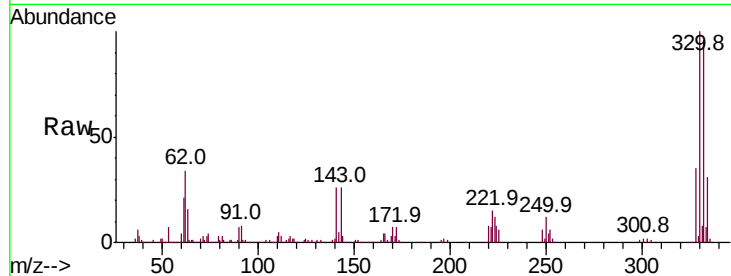




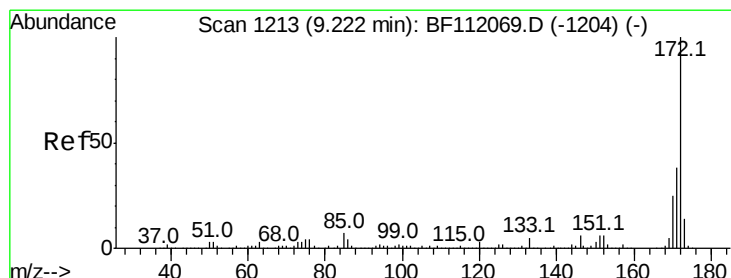
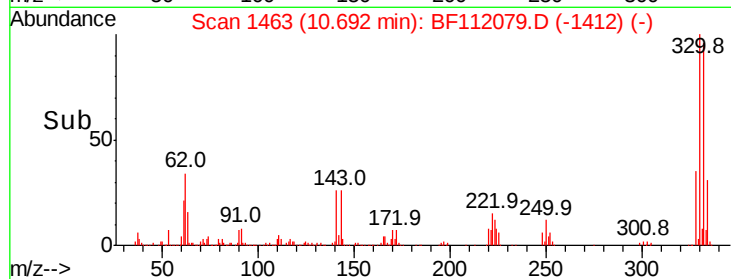
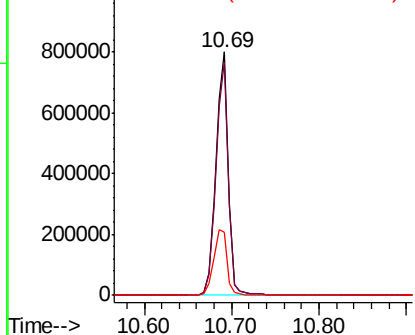
#42
 2,4,6-Tribromophenol
 Concen: 127.111 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF112079.D
 Acq: 17 Jan 2019 10:26

Instrument :
 BNA_F
 ClientSampled :
 TP-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	29.5	24.3	36.5

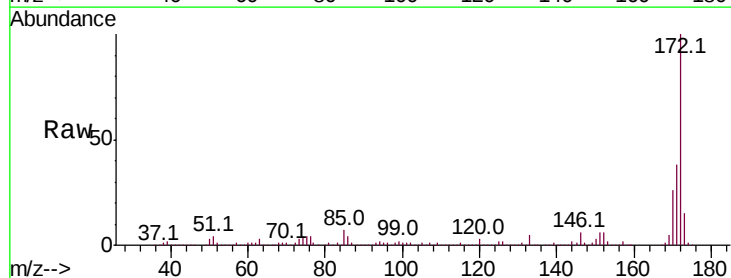


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

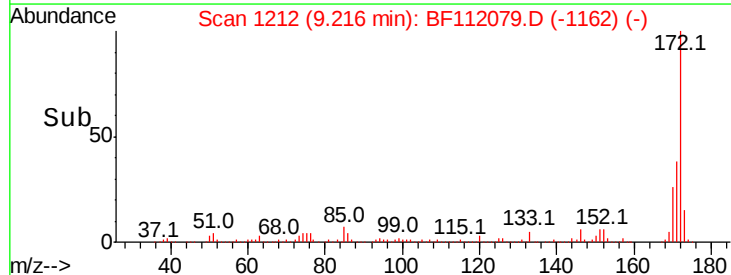
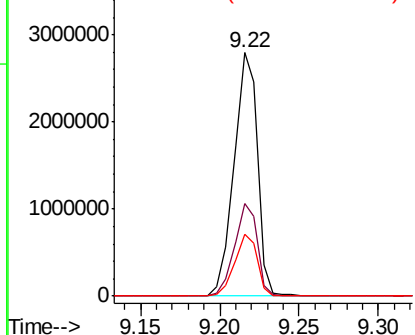


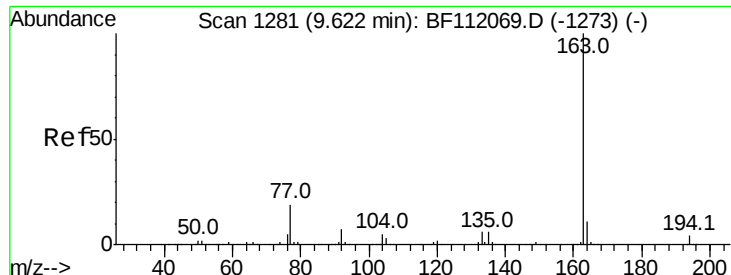
#45
 2-Fluorobiphenyl
 Concen: 73.002 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF112079.D
 Acq: 17 Jan 2019 10:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.5	45.7
170	25.5	20.2	30.4



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

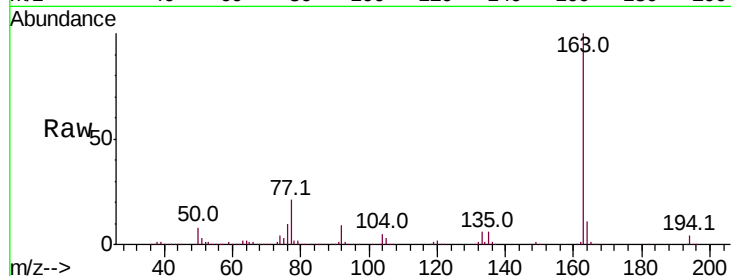




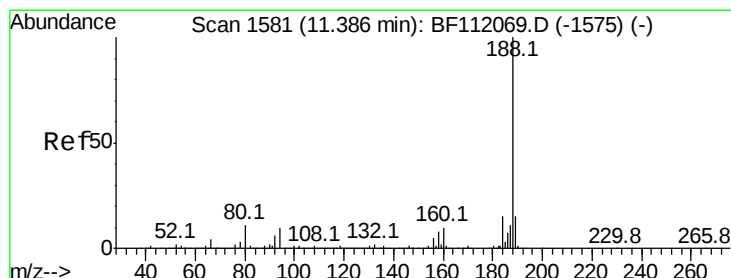
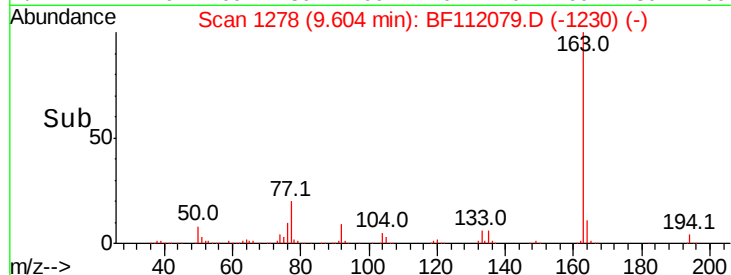
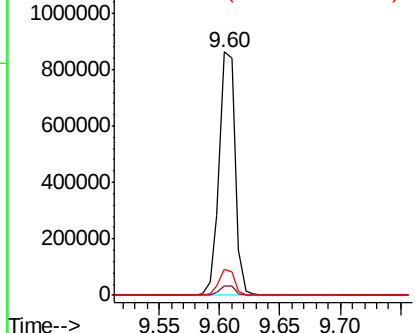
#50
Dimethylphthalate
Concen: 18.794 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112079.D
Acq: 17 Jan 2019 10:26

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion:163 Resp: 789184
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.7 8.5 12.7

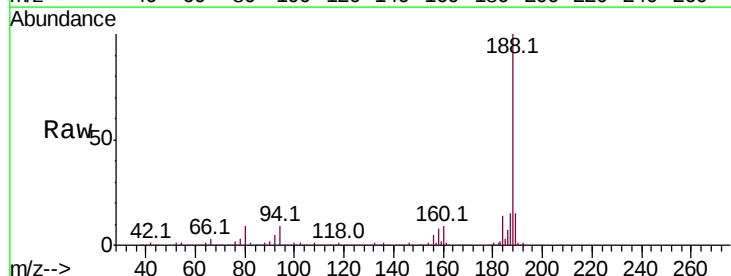


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

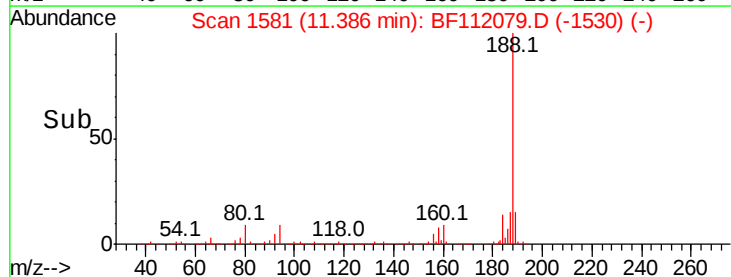
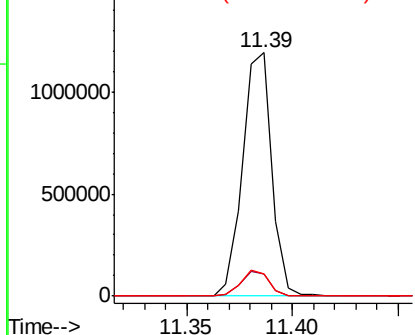


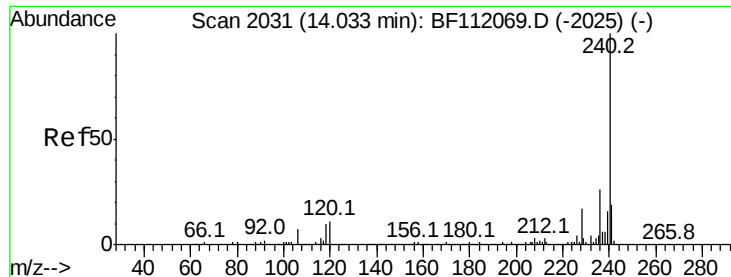
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112079.D
Acq: 17 Jan 2019 10:26

Tgt Ion:188 Resp: 1143100
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.0 8.9 13.3



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: BF112079.D

Acq: 17 Jan 2019 10:26

Instrument :

BNA_F

ClientSampleId :

TP-4

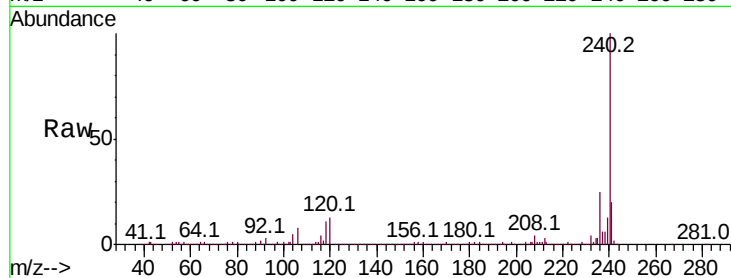
Tot Ion:240 Resp: 786034

Ion Ratio Lower Upper

240 100

120 12.7 9.0 13.6

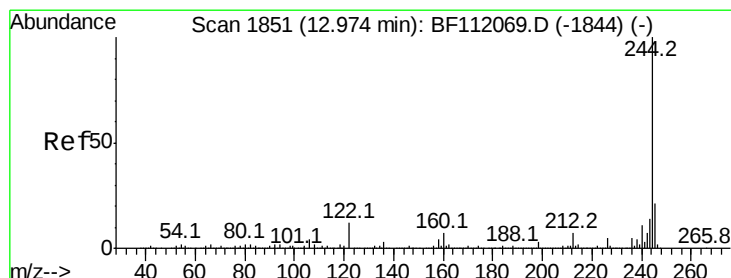
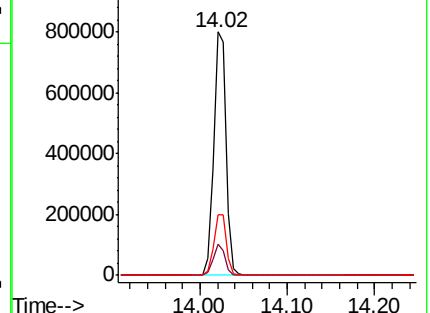
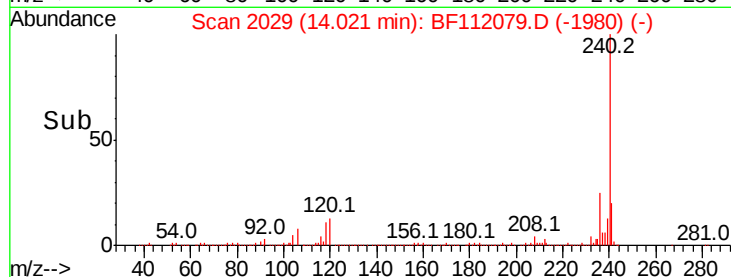
236 25.0 20.7 31.1



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: 84.187 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF112079.D

Acq: 17 Jan 2019 10:26

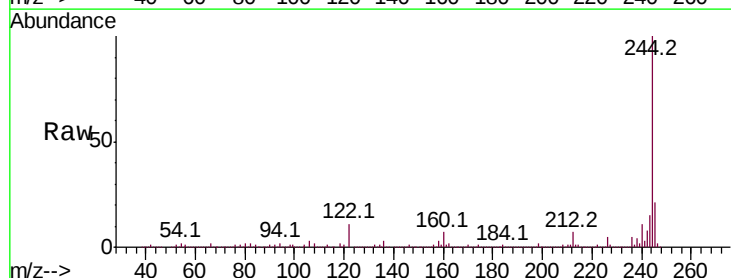
Tgt Ion:244 Resp: 3110584

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

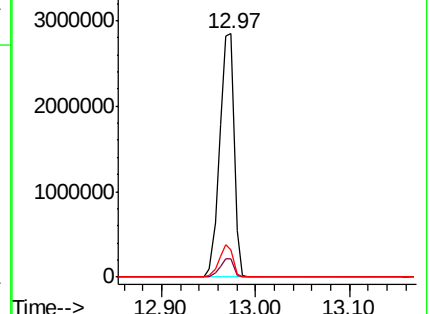
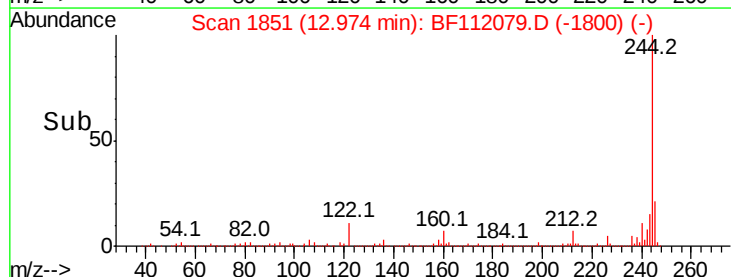
122 11.0 9.8 14.6

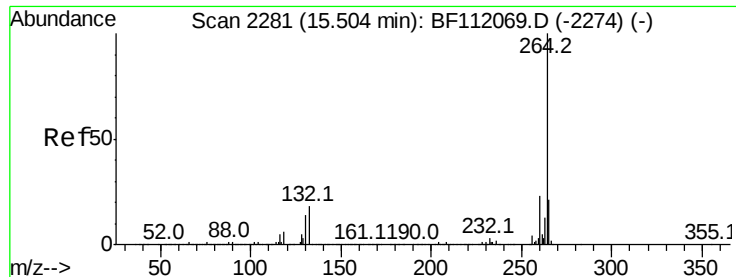


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF112079.D
Acq: 17 Jan 2019 10:26

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	22.0	17.0	25.4

