

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
 Data File : BF112051.D
 Acq On : 14 Jan 2019 15:31
 Operator : JU/SJ
 Sample : K1094-01 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CROSSWICKS-DRUM-1

Quant Time: Jan 14 16:27:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	148415	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	532486	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	255301	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	450304	20.00	ng	0.00
76) Chrysene-d12	14.03	240	375198	20.00	ng	-0.01
87) Perylene-d12	15.51	264	337663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	47142	5.43	ng	0.00
7) Phenol-d6	6.53	99	83015	7.42	ng	0.01
23) Nitrobenzene-d5	7.43	82	59298	5.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	26144	7.87	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	98286	5.61	ng	-0.01
79) Terphenyl-d14	12.97	244	111721	5.65	ng	-0.01

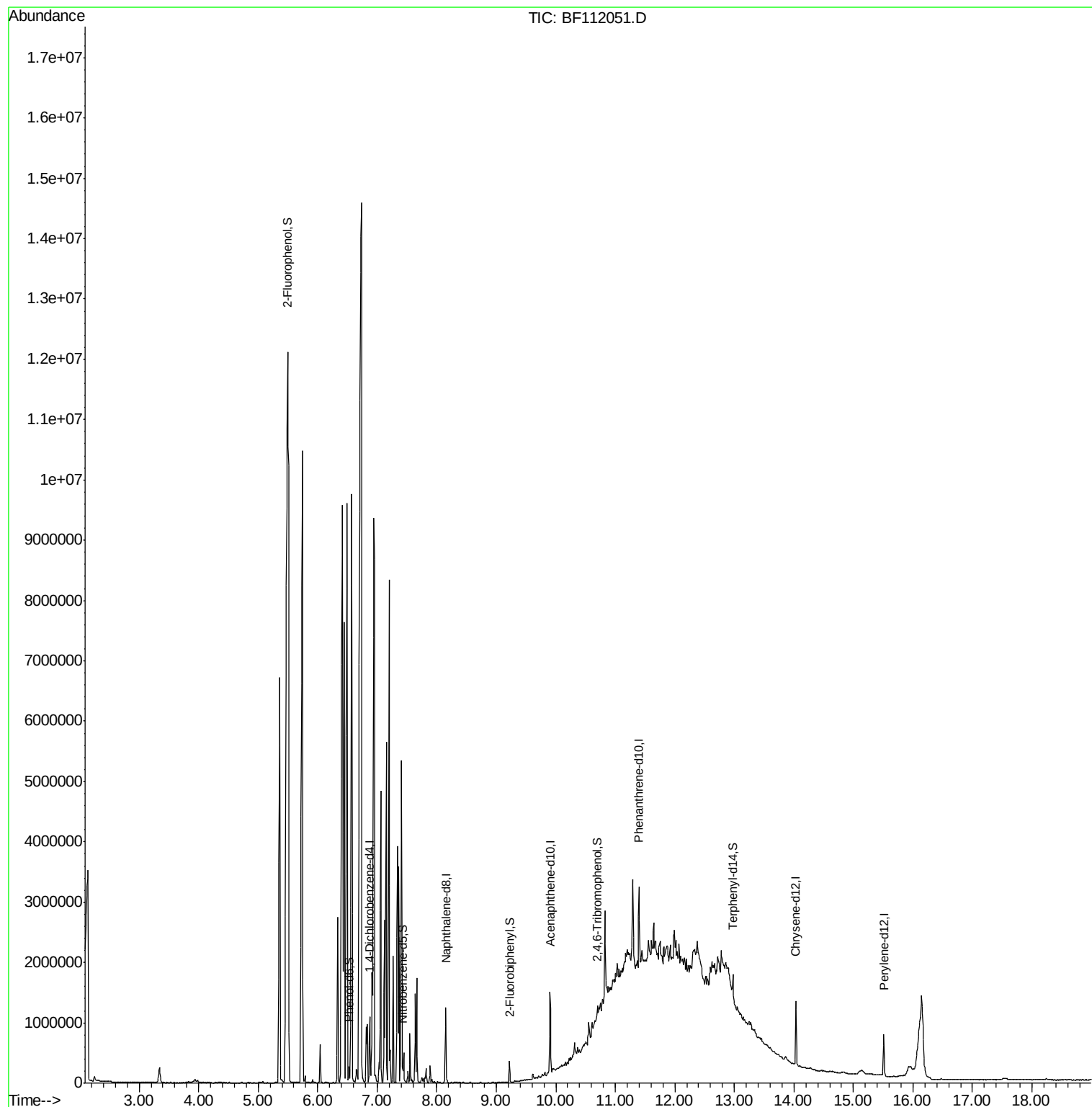
Target Compounds	Qvalue
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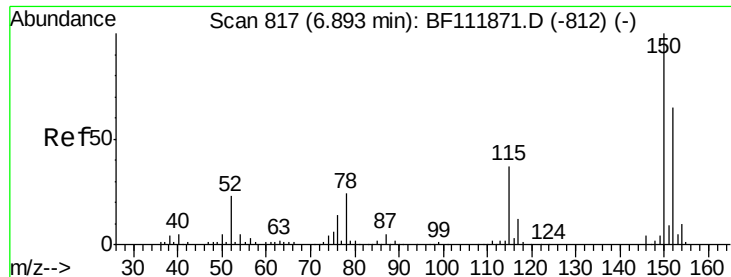
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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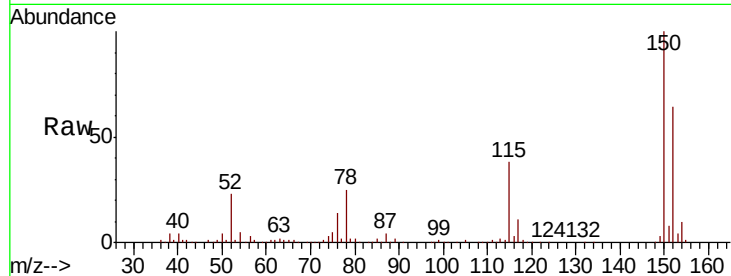


#1

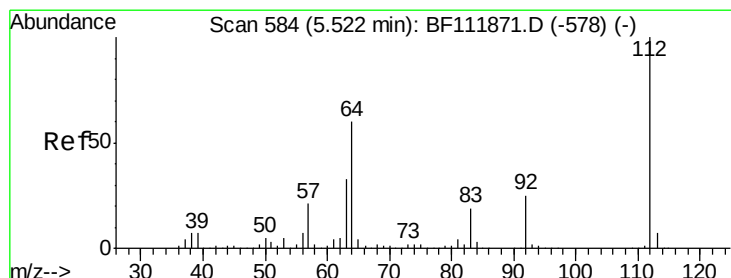
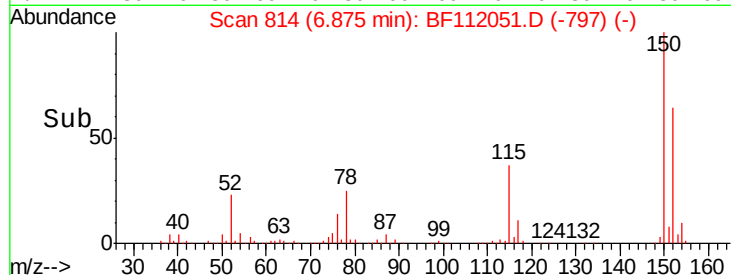
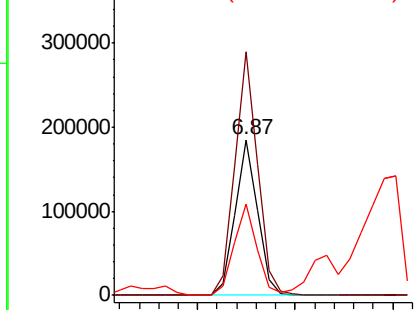
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112051.D
Acq: 14 Jan 2019 15:31

Instrument :
BNA_F
ClientSampleId :
CROSSWICKS-DRUM-1

Tot Ion:152 Resp: 148415
Ion Ratio Lower Upper
152 100
150 156.4 122.7 184.1
115 58.8 45.2 67.8



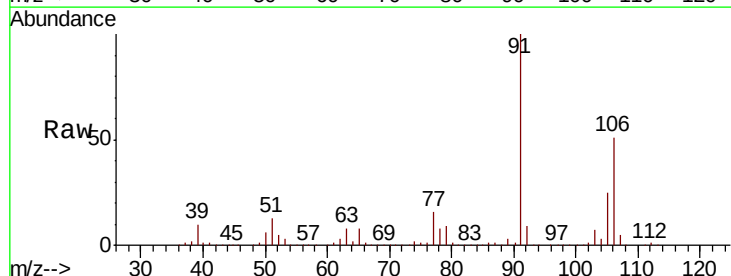
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



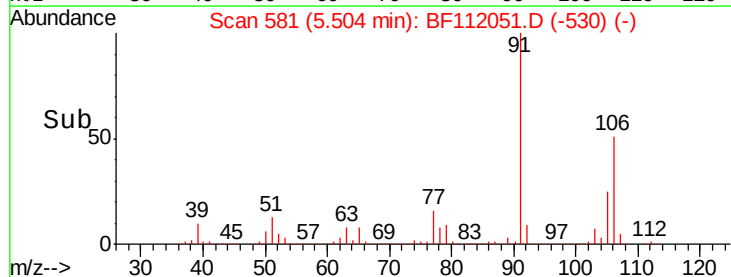
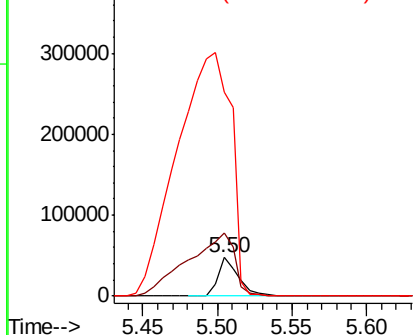
#5

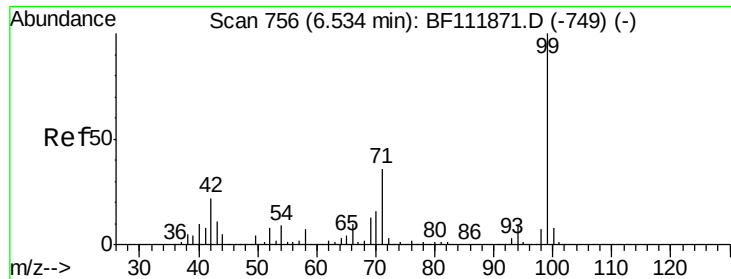
2-Fluorophenol
Concen: 5.434 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112051.D
Acq: 14 Jan 2019 15:31

Tgt Ion:112 Resp: 47142
Ion Ratio Lower Upper
112 100
64 162.4 48.3 72.5#
63 526.8 26.1 39.1#



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: 7.425 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112051.D

Acq: 14 Jan 2019 15:31

Instrument :

BNA_F

ClientSampleId :

CROSSWICKS-DRUM-1

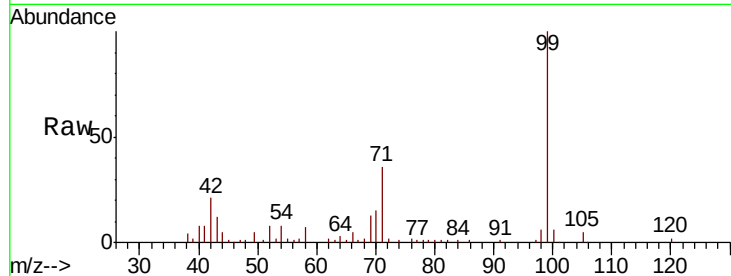
Tot Ion: 99 Resp: 83015

Ion Ratio Lower Upper

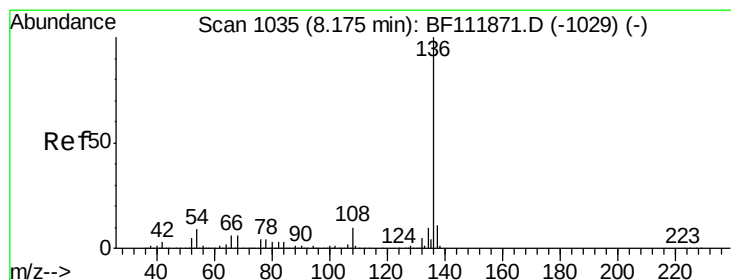
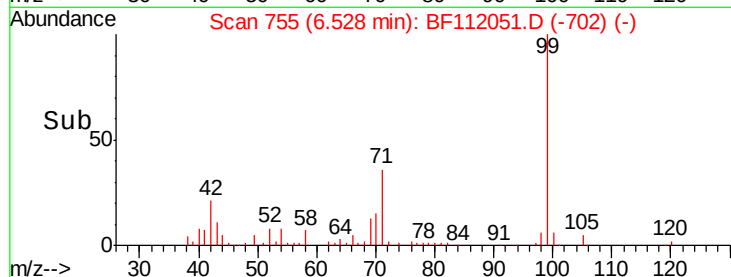
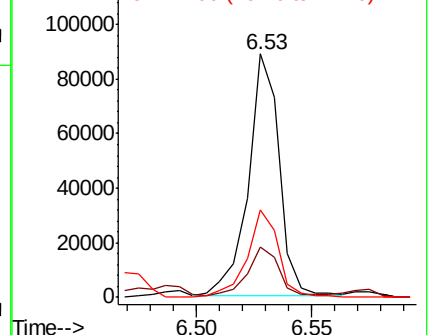
99 100

42 20.9 17.9 26.9

71 36.1 28.7 43.1



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF112051.D

Acq: 14 Jan 2019 15:31

Tgt Ion: 136 Resp: 532486

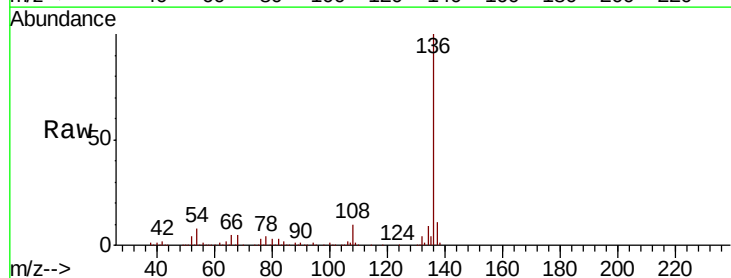
Ion Ratio Lower Upper

136 100

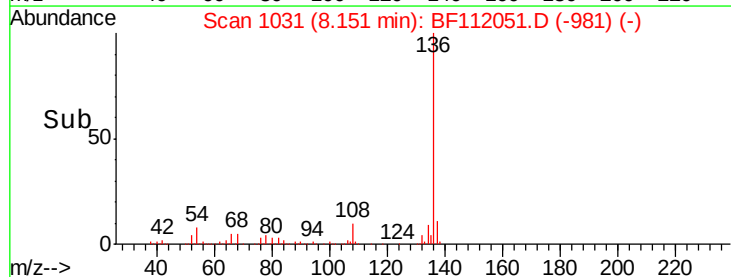
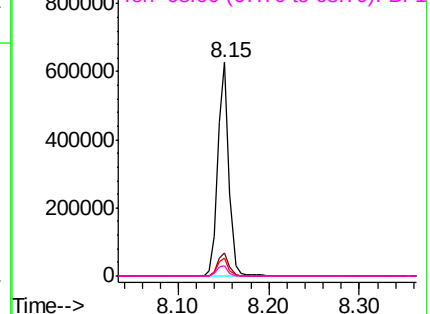
137 10.7 9.1 13.7

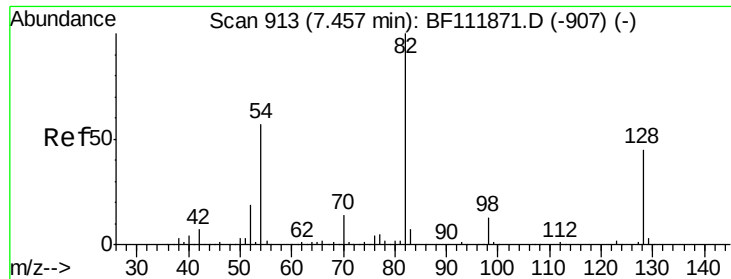
54 8.2 7.2 10.8

68 4.8 4.4 6.6



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

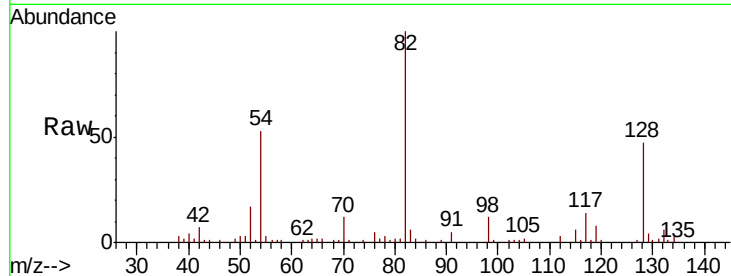




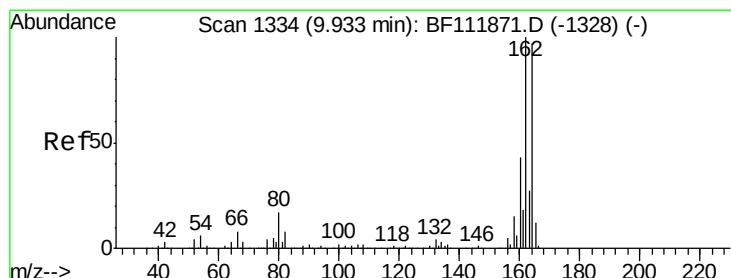
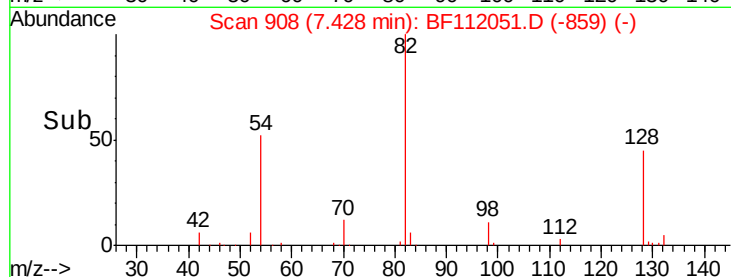
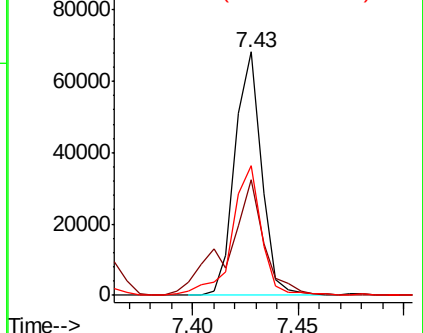
#23
 Nitrobenzene-d5
 Concen: 5.952 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF112051.D
 Acq: 14 Jan 2019 15:31

Instrument :
 BNA_F
 ClientSampleId :
 CROSSWICKS-DRUM-1

Tot Ion: 82 Resp: 59298
 Ion Ratio Lower Upper
 82 100
 128 47.3 35.7 53.5
 54 53.4 45.8 68.8

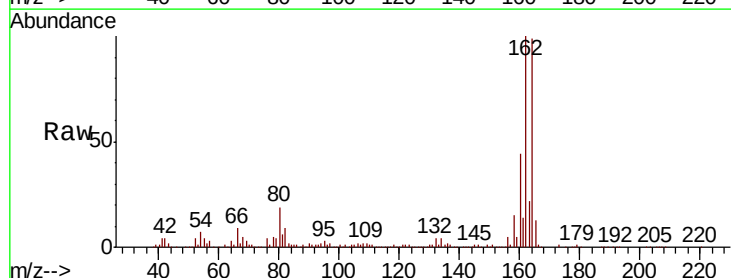


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

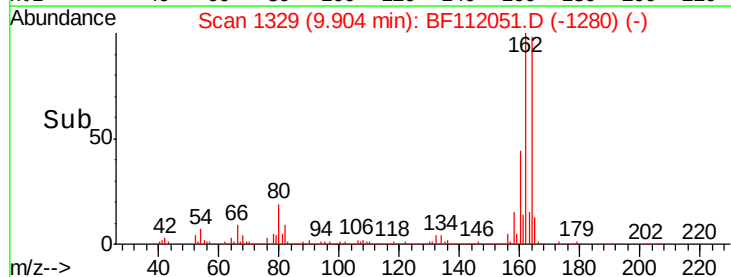
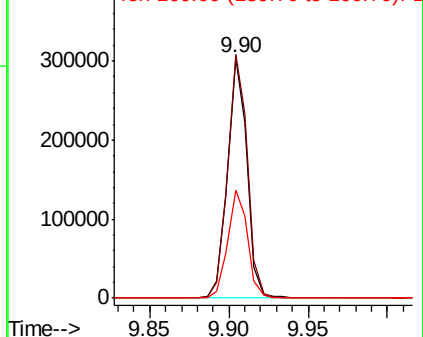


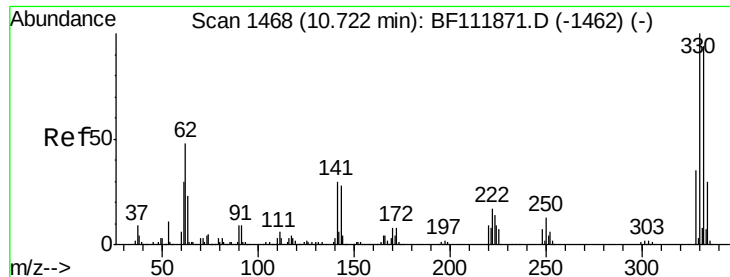
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF112051.D
 Acq: 14 Jan 2019 15:31

Tgt Ion: 164 Resp: 255301
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.2 123.2
 160 45.0 35.5 53.3



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

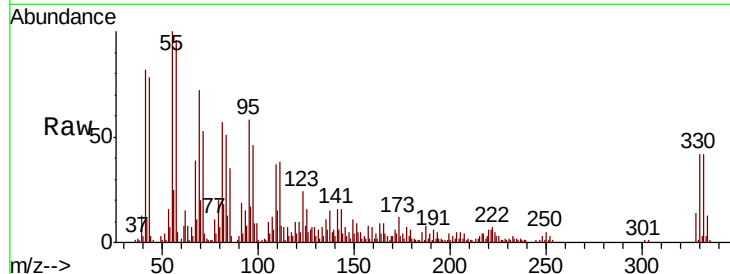




#42
 2,4,6-Tribromophenol
 Concen: 7.873 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF112051.D
 Acq: 14 Jan 2019 15:31

Instrument :
 BNA_F
 ClientSampleId :
 CROSSWICKS-DRUM-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	31.7	23.7	35.5

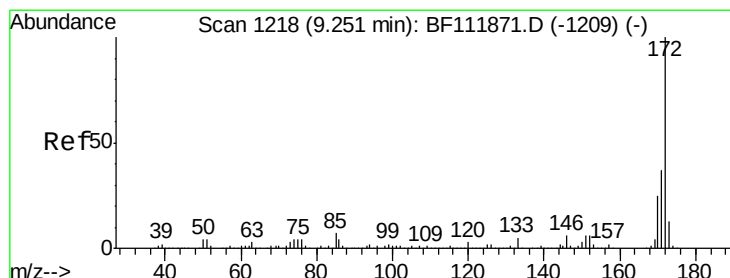
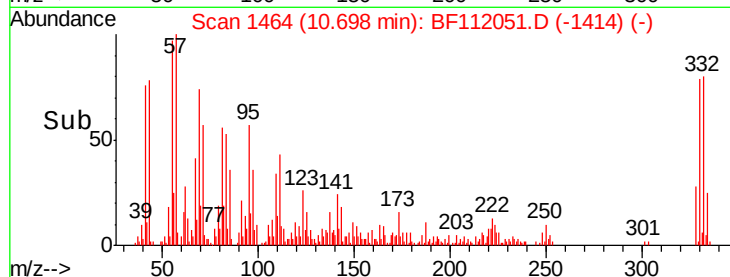
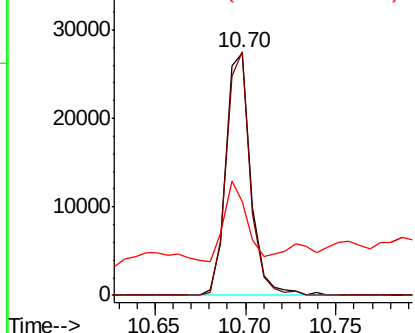


Abundance

Ion 329.80 (329.50 to 330.50): E

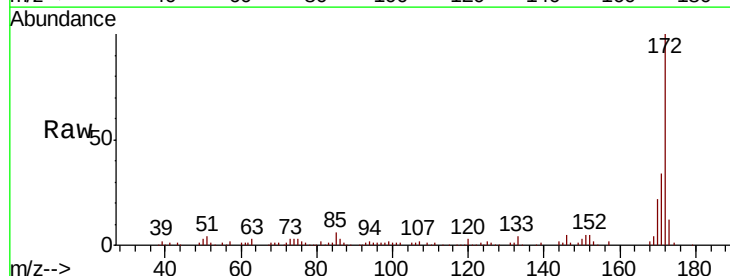
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 5.614 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF112051.D
 Acq: 14 Jan 2019 15:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.6	44.4
170	22.0	19.8	29.8

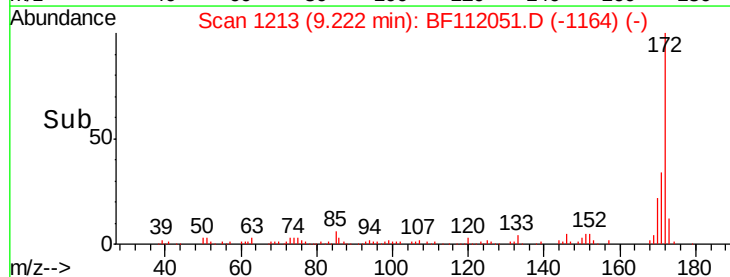
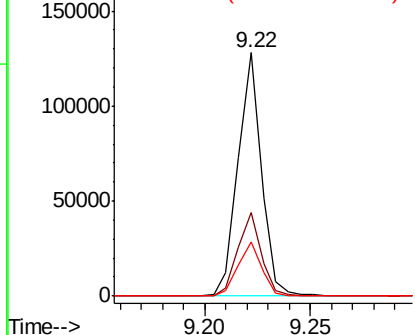


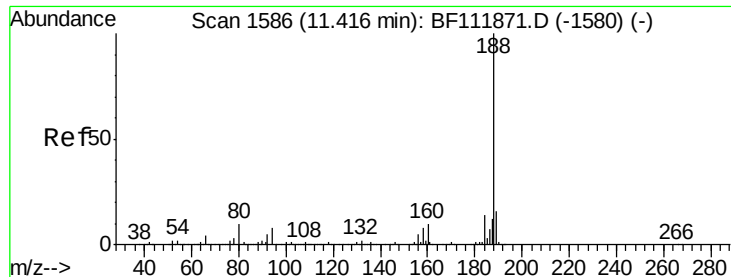
Abundance

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

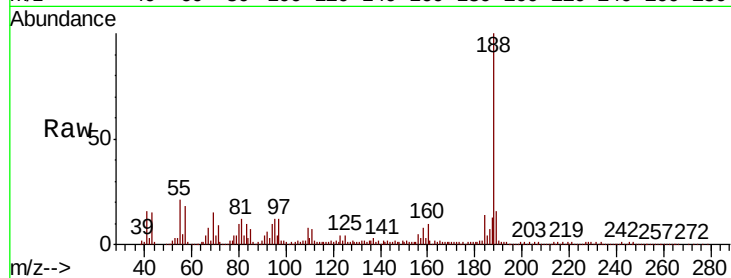




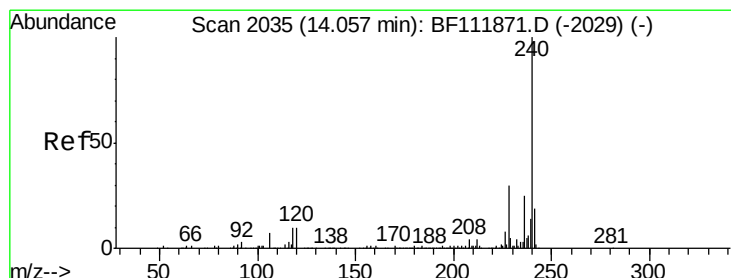
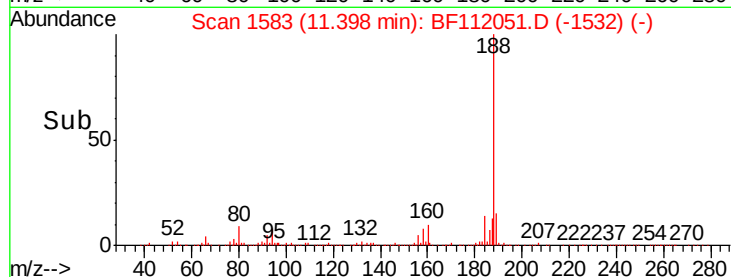
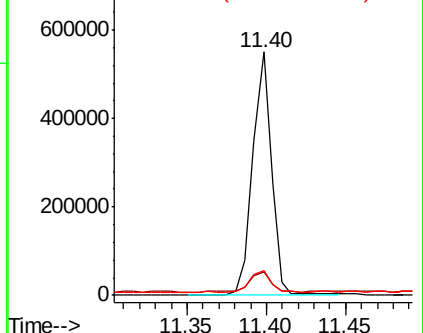
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF112051.D
Acq: 14 Jan 2019 15:31

Instrument :
BNA_F
ClientSampleId :
CROSSWICKS-DRUM-1

Tot Ion:188 Resp: 450304
Ion Ratio Lower Upper
188 100
94 9.5 6.6 10.0
80 10.2 7.7 11.5

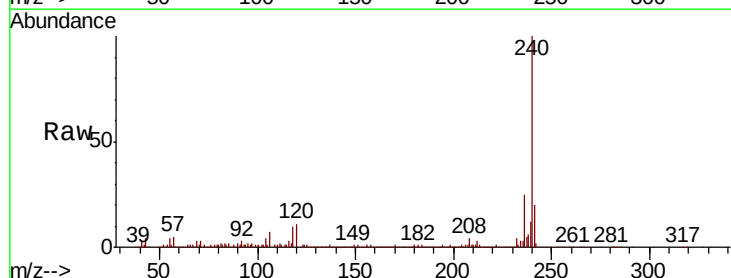


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

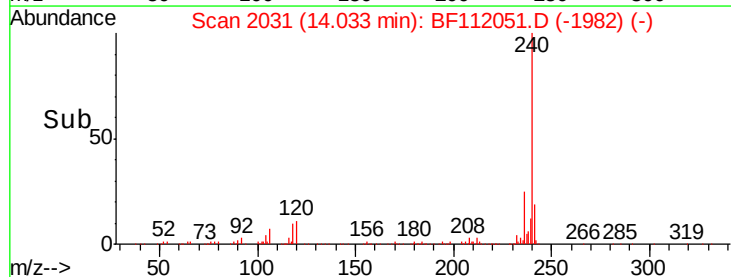
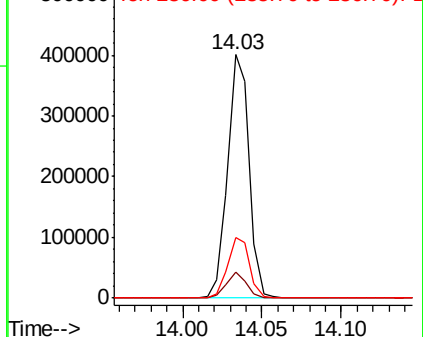


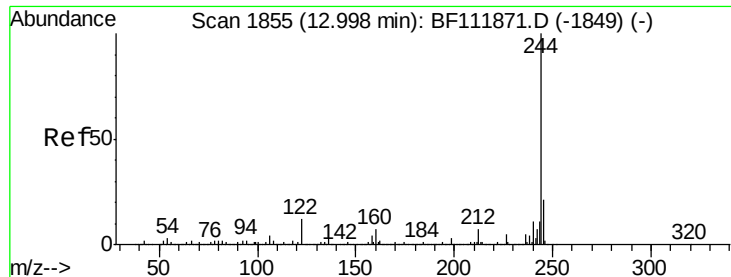
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112051.D
Acq: 14 Jan 2019 15:31

Tgt Ion:240 Resp: 375198
Ion Ratio Lower Upper
240 100
120 10.7 8.2 12.2
236 25.1 20.2 30.4



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: 5.652 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF112051.D

Acq: 14 Jan 2019 15:31

Instrument :

BNA_F

ClientSampleId :

CROSSWICKS-DRUM-1

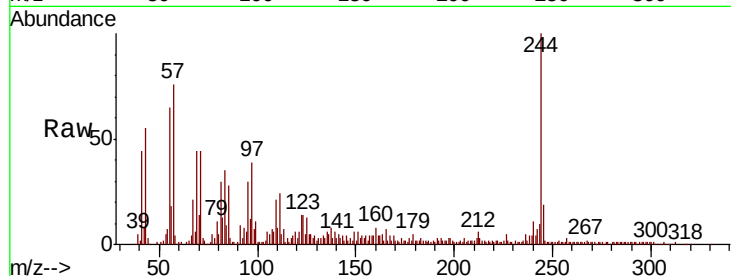
Tot Ion:244 Resp: 111721

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

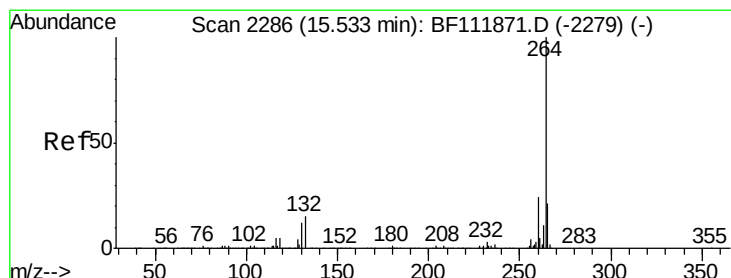
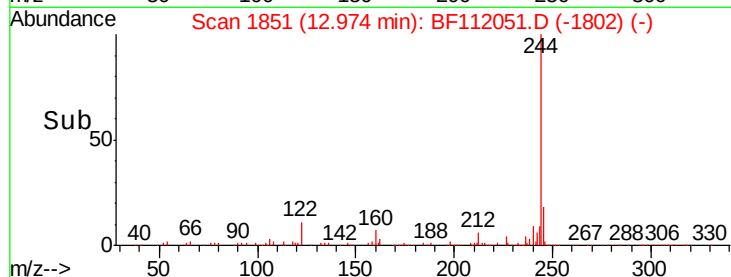
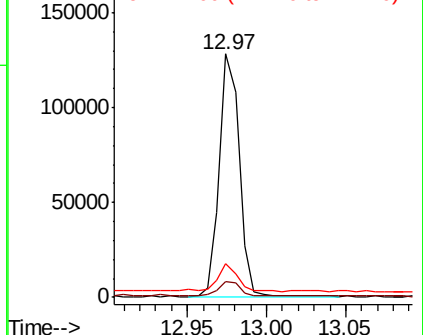
122 14.0 9.5 14.3



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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF112051.D

Acq: 14 Jan 2019 15:31

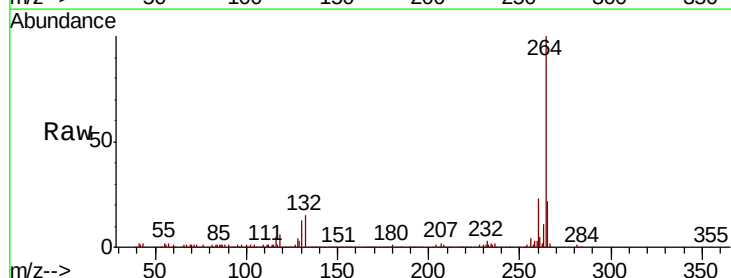
Tgt Ion:264 Resp: 337663

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.7 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

