

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110343.D
 Acq On : 31 Oct 2018 19:59
 Operator : JU/SJ
 Sample : J5730-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102918-SIDI-E-D-S

Quant Time: Nov 01 04:31:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

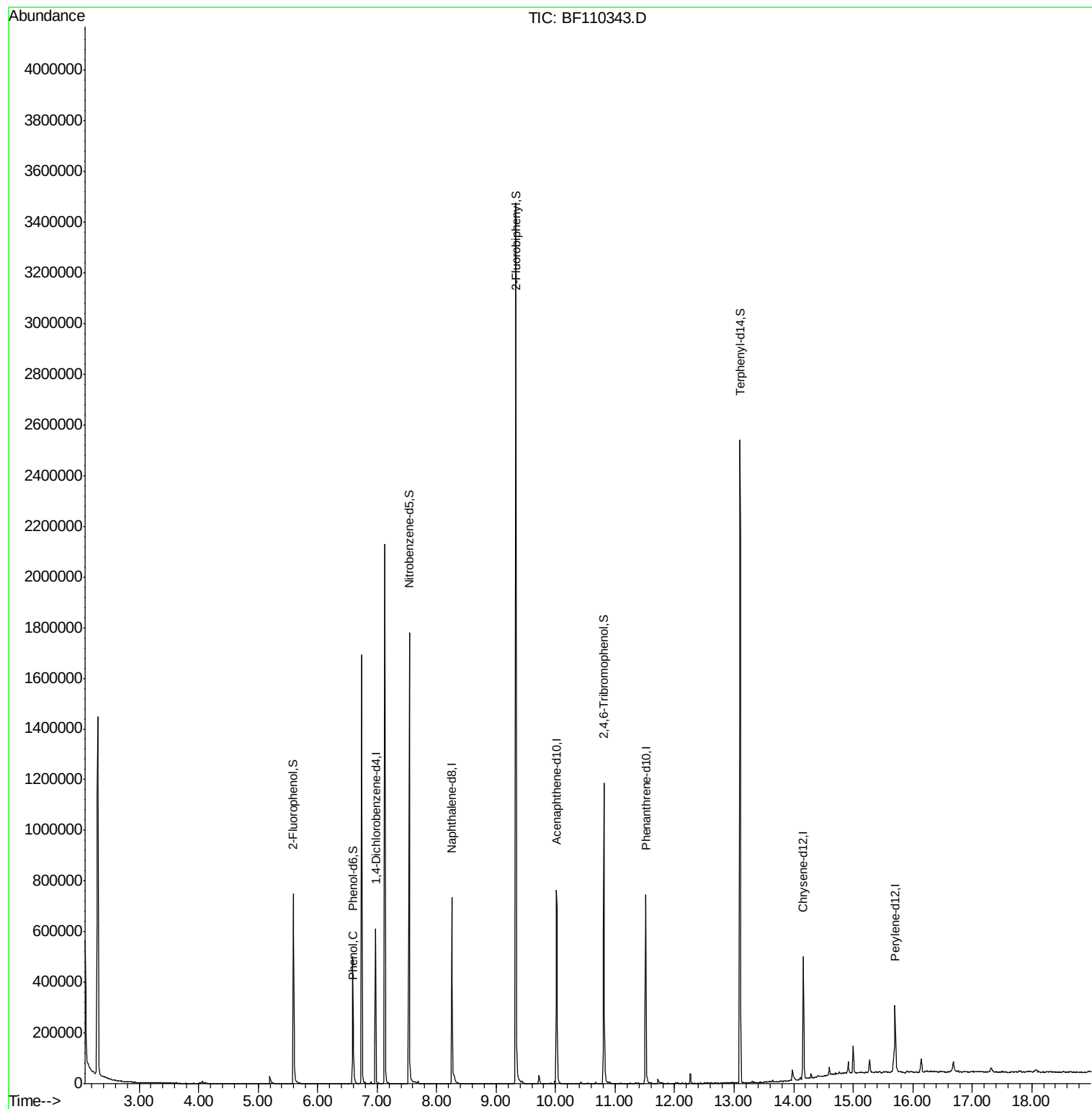
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	90717	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	369128	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	170962	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	306416	20.00	ng	0.00
76) Chrysene-d12	14.16	240	180869	20.00	ng	0.00
87) Perylene-d12	15.70	264	139590	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	216934	38.94	ng	0.00
7) Phenol-d6	6.59	99	167856	23.56	ng	-0.01
23) Nitrobenzene-d5	7.54	82	581284	93.40	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	144638	85.41	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1085512	99.70	ng	0.00
79) Terphenyl-d14	13.10	244	901302	103.64	ng	0.00
Target Compounds						
10) Phenol	6.60	94	22013	2.890	ng	Qvalue # 71

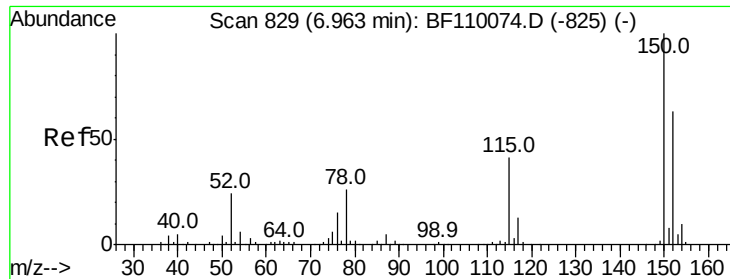
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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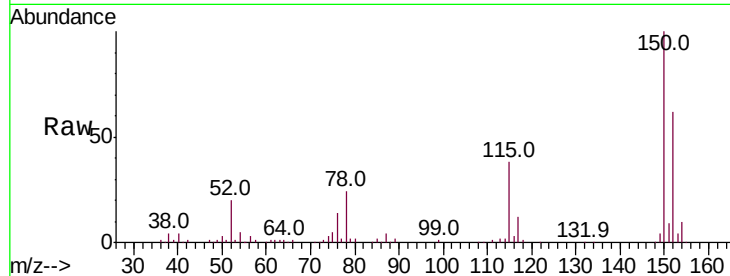


#1

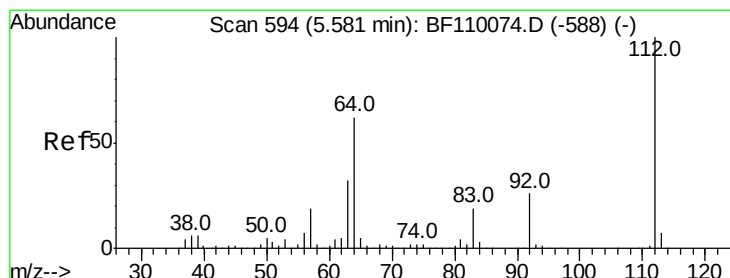
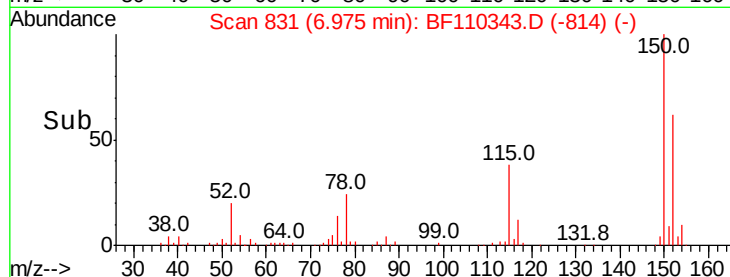
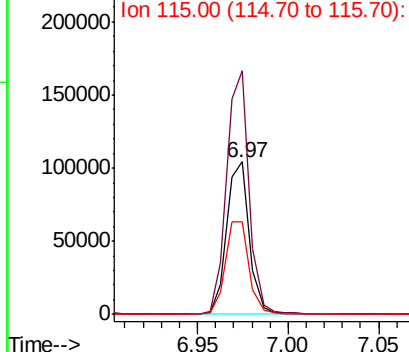
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF110343.D
Acq: 31 Oct 2018 19:59

Instrument :
BNA_F
ClientSampleId :
102918-SIDI-E-D-S

Tot Ion:152 Resp: 90717
Ion Ratio Lower Upper
152 100
150 160.0 122.7 184.1
115 60.7 49.1 73.7



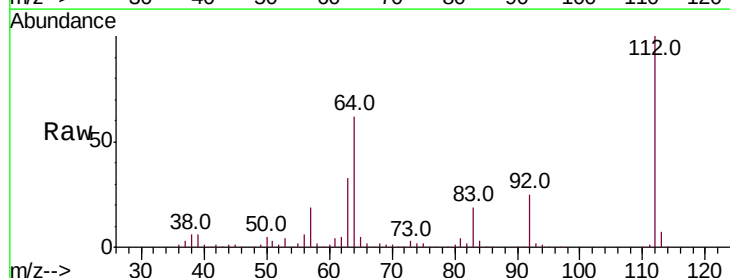
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



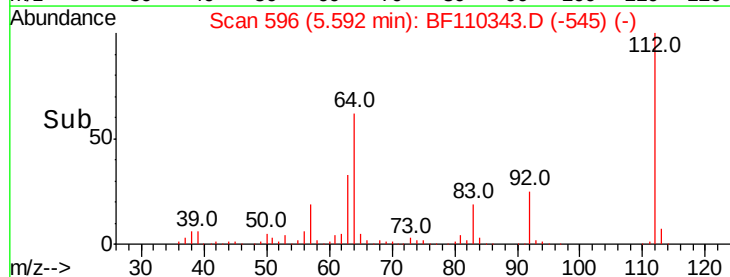
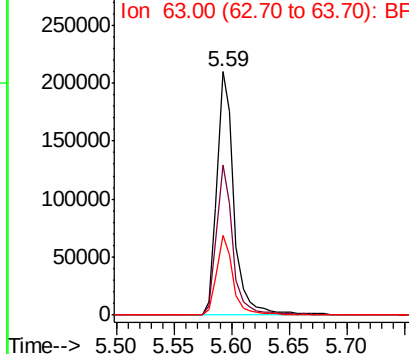
#5

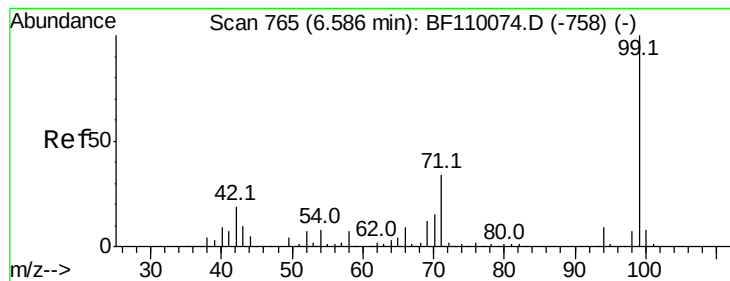
2-Fluorophenol
Concen: 38.942 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF110343.D
Acq: 31 Oct 2018 19:59

Tgt Ion:112 Resp: 216934
Ion Ratio Lower Upper
112 100
64 61.9 44.1 66.1
63 32.6 23.7 35.5



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: 23.557 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110343.D

Acq: 31 Oct 2018 19:59

Instrument :

BNA_F

ClientSampleId :

102918-SIDI-E-D-S

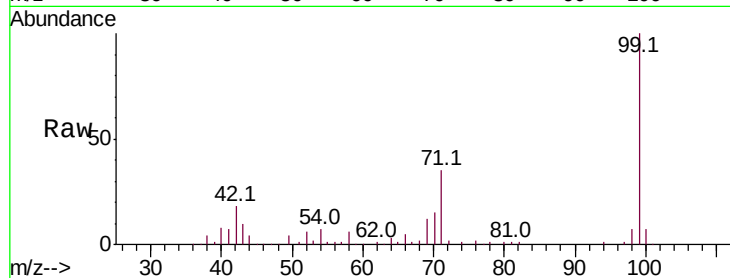
Tot Ion: 99 Resp: 167856

Ion Ratio Lower Upper

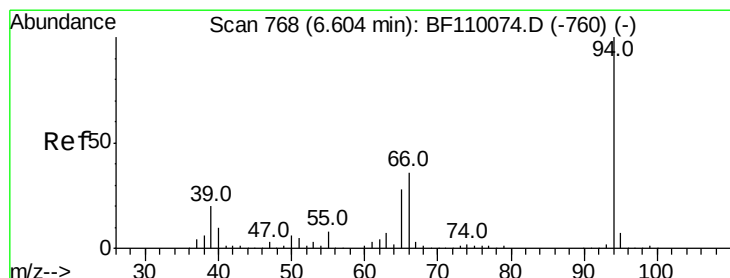
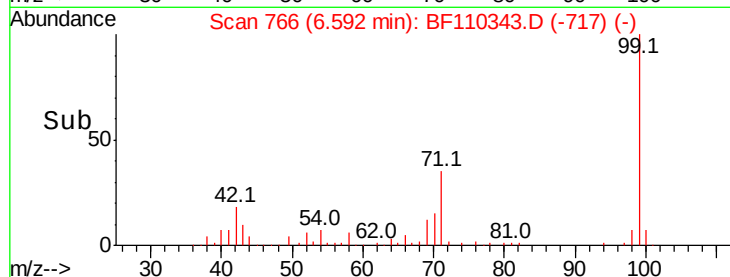
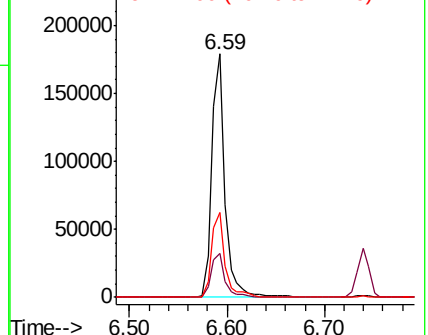
99 100

42 18.1 15.8 23.6

71 34.6 28.0 42.0



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



#10

Phenol

Concen: 2.890 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110343.D

Acq: 31 Oct 2018 19:59

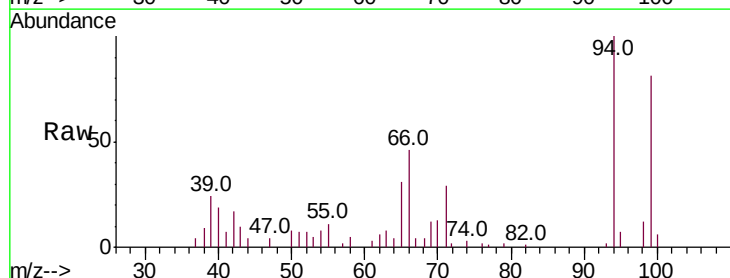
Tgt Ion: 94 Resp: 22013

Ion Ratio Lower Upper

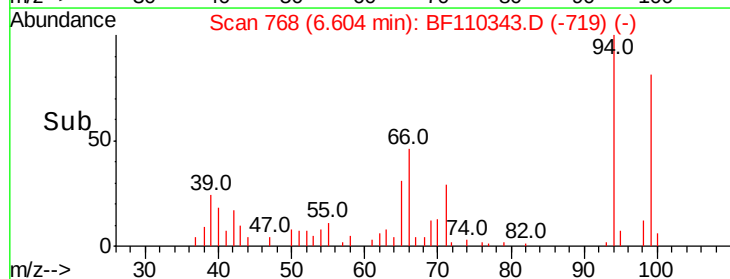
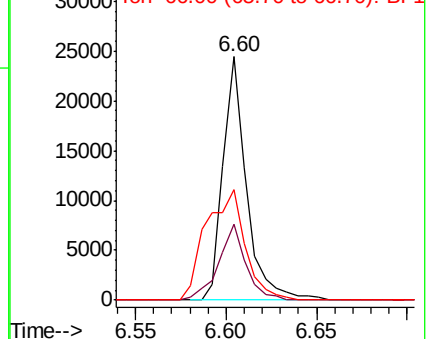
94 100

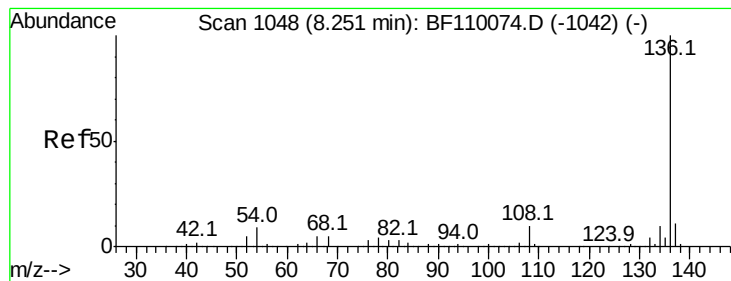
65 31.2 25.3 65.3

66 45.5 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF110343.D

Acq: 31 Oct 2018 19:59

Instrument :

BNA_F

ClientSampleId :

102918-SIDI-E-D-S

Tot Ion:136 Resp: 369128

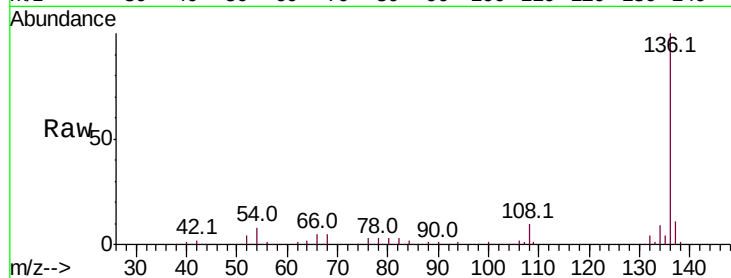
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.6 5.4 8.2

68 5.1 4.2 6.2

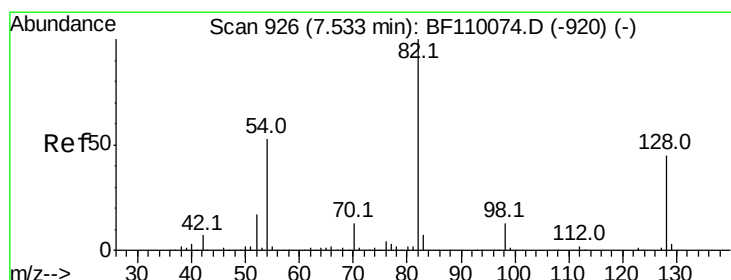
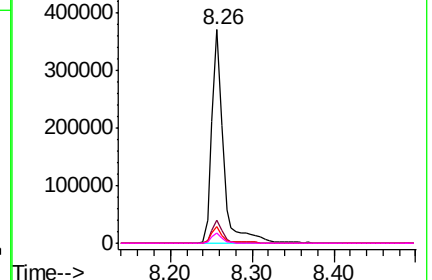
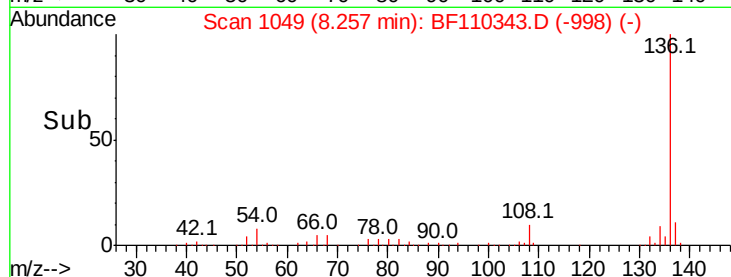


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.403 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF110343.D

Acq: 31 Oct 2018 19:59

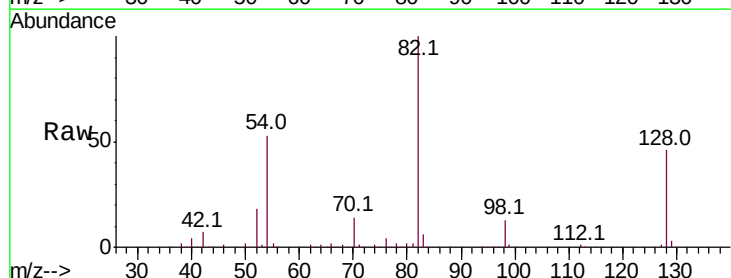
Tgt Ion: 82 Resp: 581284

Ion Ratio Lower Upper

82 100

128 45.9 34.2 51.2

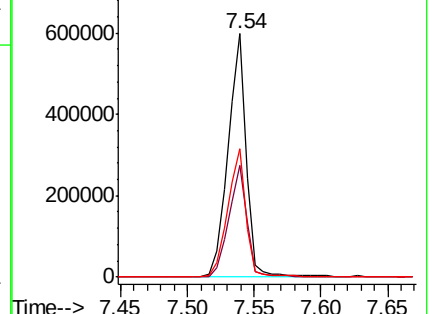
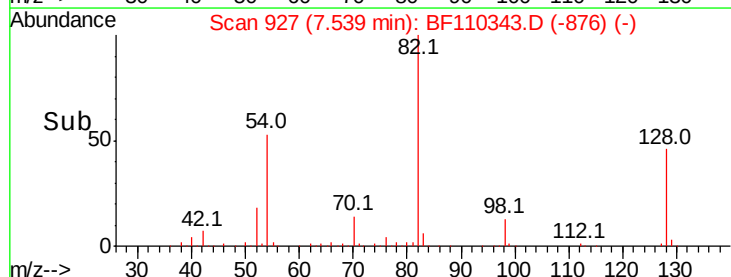
54 52.9 38.6 58.0

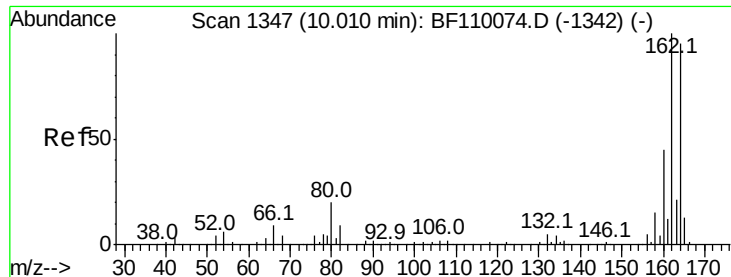


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

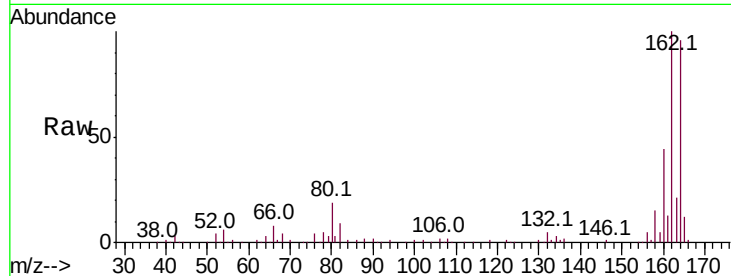




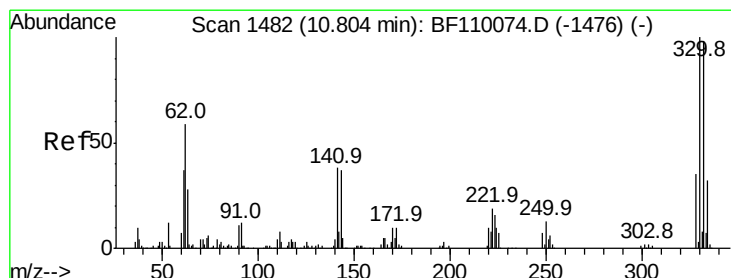
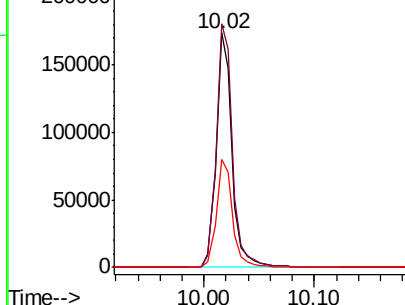
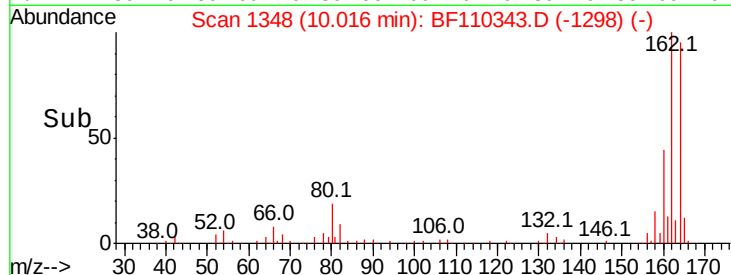
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110343.D
Acq: 31 Oct 2018 19:59

Instrument :
BNA_F
ClientSampleId :
102918-SIDI-E-D-S

Tot Ion:164 Resp: 170962
Ion Ratio Lower Upper
164 100
162 103.8 83.0 124.6
160 46.0 37.0 55.6

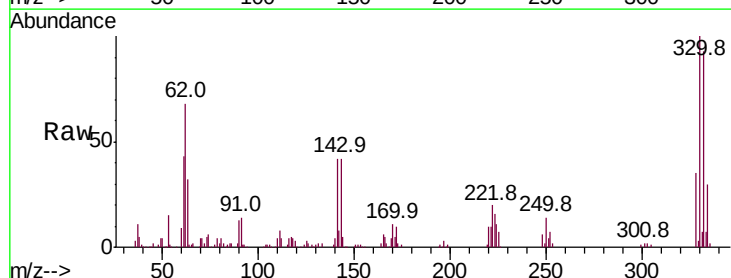


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

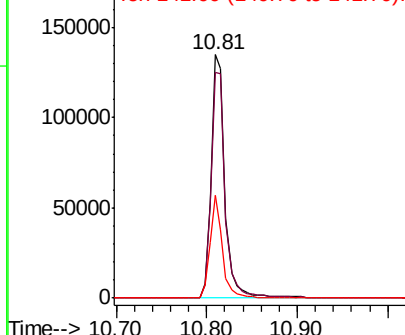
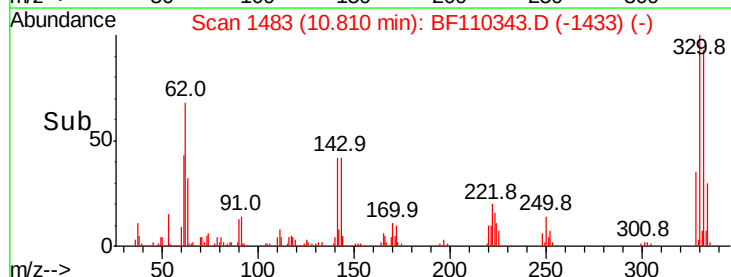


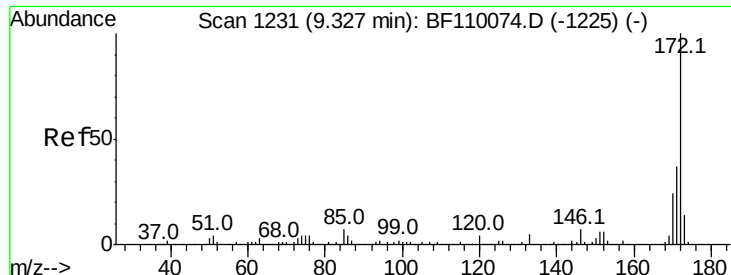
#42
2,4,6-Tribromophenol
Concen: 85.408 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF110343.D
Acq: 31 Oct 2018 19:59

Tgt Ion:330 Resp: 144638
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 38.4 27.0 40.4



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



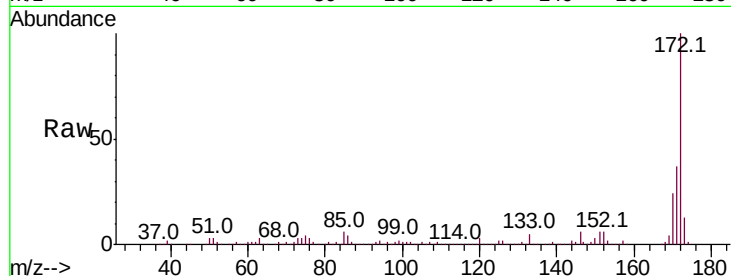


#45
 2-Fluorobiphenyl
 Concen: 99.703 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF110343.D
 Acq: 31 Oct 2018 19:59

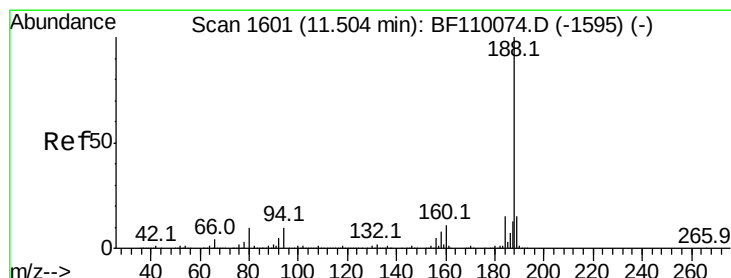
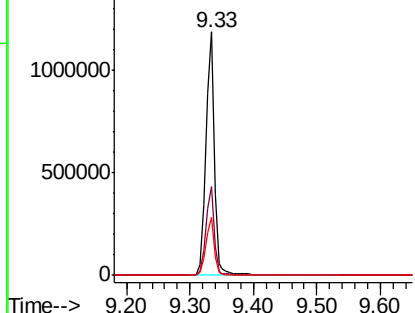
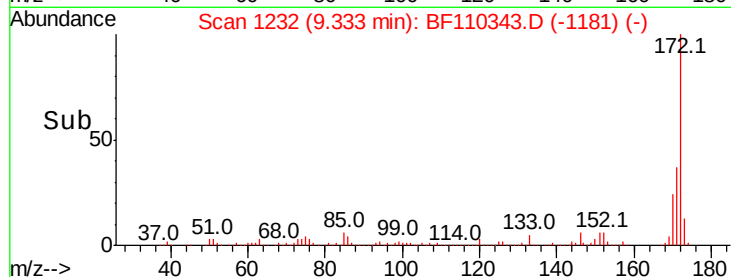
Instrument :
 BNA_F
 ClientSampleId :
 102918-SIDI-E-D-S

Tot Ion:172 Resp: 1085512

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	23.7	19.7	29.5



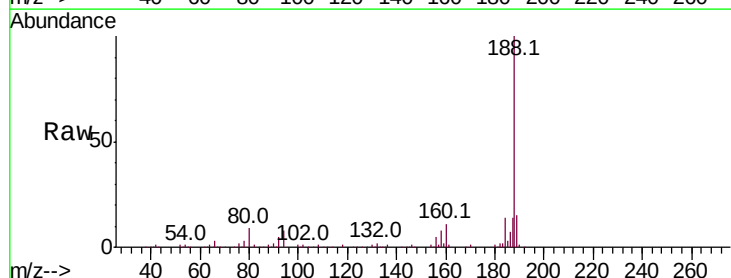
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



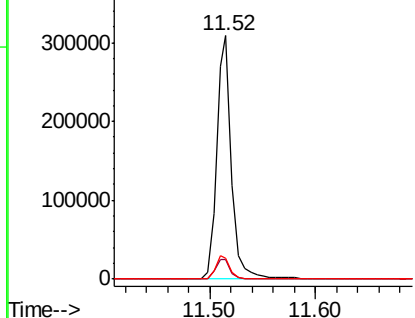
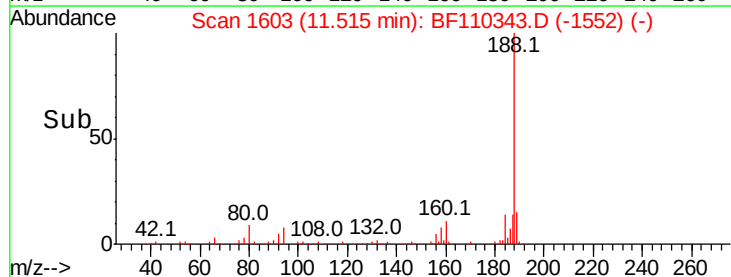
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BF110343.D
 Acq: 31 Oct 2018 19:59

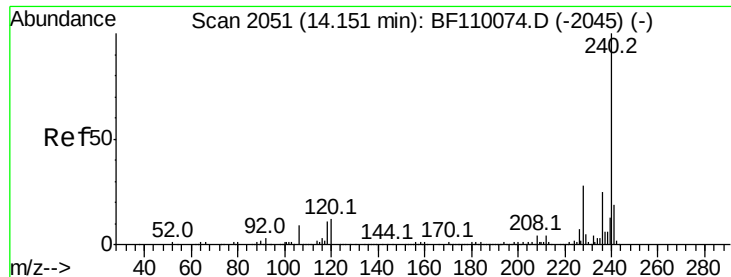
Tgt Ion:188 Resp: 306416

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.5	7.9	11.9



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: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF110343.D

Acq: 31 Oct 2018 19:59

Instrument :

BNA_F

ClientSampleId :

102918-SIDI-E-D-S

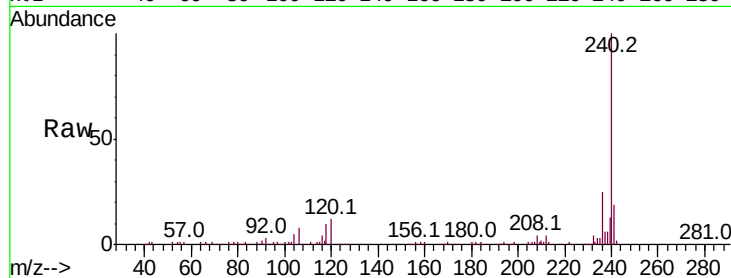
Tot Ion:240 Resp: 180869

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

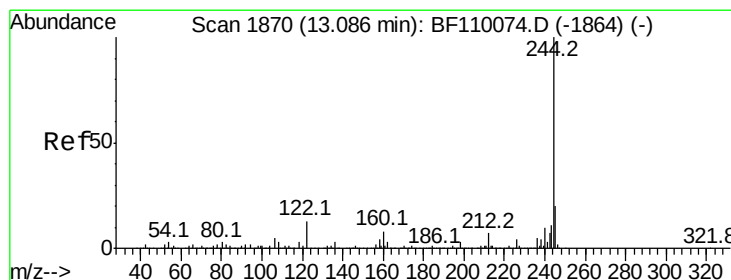
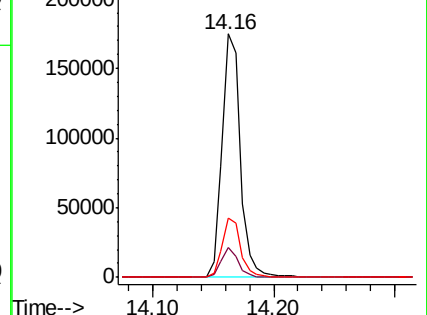
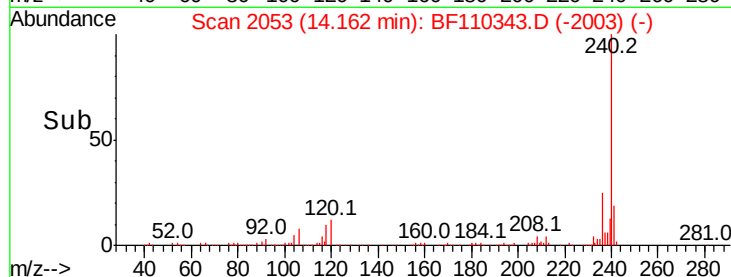
236 24.6 21.2 31.8



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: 103.636 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF110343.D

Acq: 31 Oct 2018 19:59

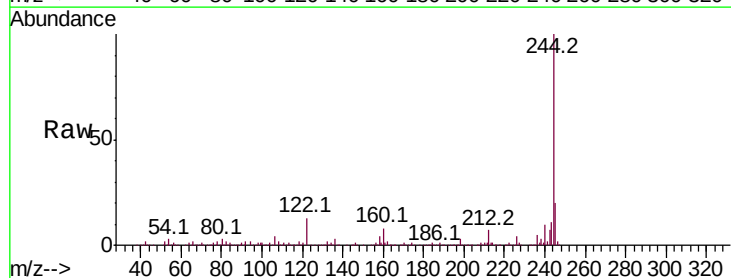
Tgt Ion:244 Resp: 901302

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

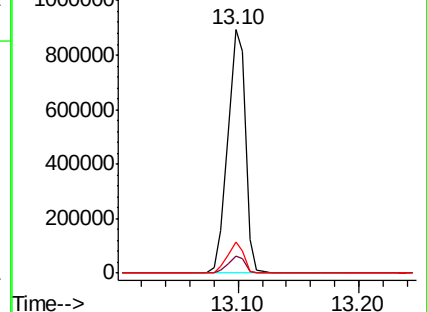
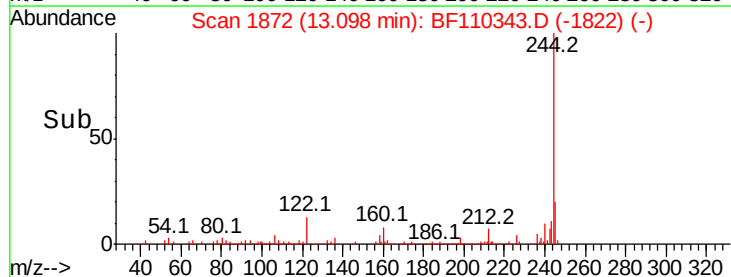
122 13.0 8.7 13.1

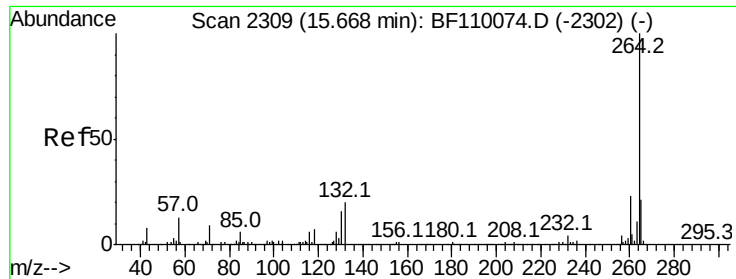


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.70 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BF110343.D
Acq: 31 Oct 2018 19:59

Instrument :
BNA_F
ClientSampleId :
102918-SIDI-E-D-S

Tot Ion:	264	Resp:	139590
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.4	16.7	25.1

