

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110354.D
 Acq On : 1 Nov 2018 1:57
 Operator : JU/SJ
 Sample : J5630-05 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T5

Quant Time: Nov 01 05:17:16 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	59885	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	224647	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	90703	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	170898	20.00	ng	0.00
76) Chrysene-d12	14.16	240	174210	20.00	ng	0.00
87) Perylene-d12	15.70	264	106322	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	17261	4.69	ng	0.00
7) Phenol-d6	6.59	99	21332	4.54	ng	-0.01
23) Nitrobenzene-d5	7.55	82	10393	2.74	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	4250	4.73	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	26464	4.58	ng	0.00
79) Terphenyl-d14	13.09	244	30935	3.69	ng	-0.01

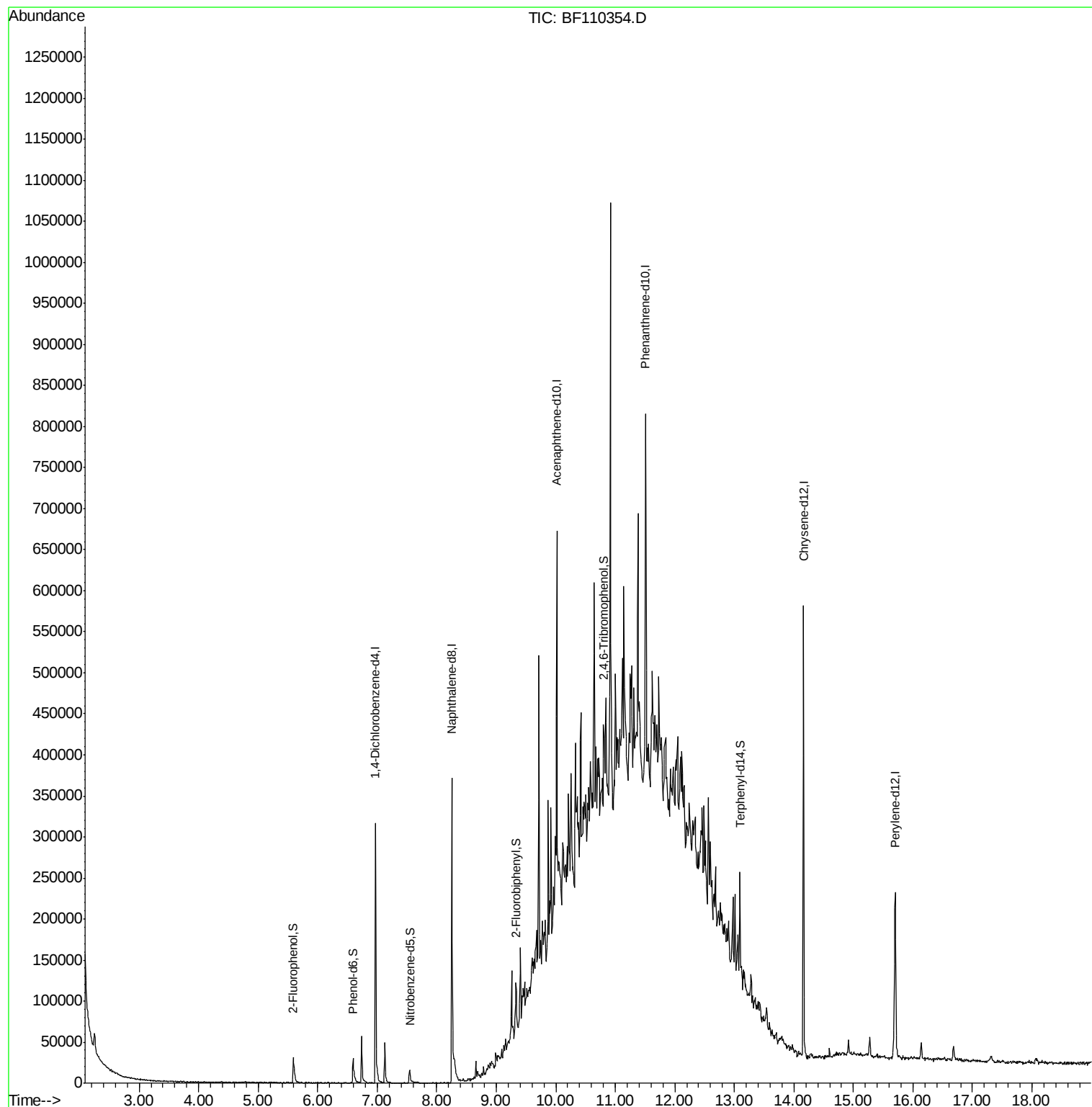
Target Compounds Qvalue

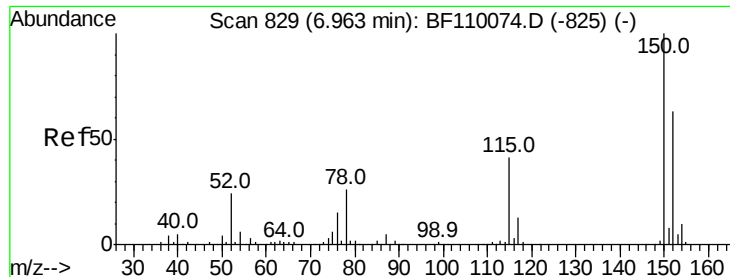
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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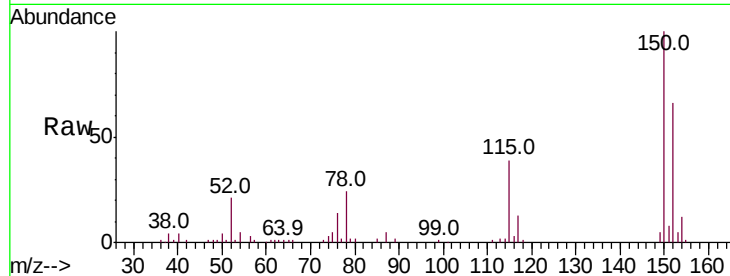


#1

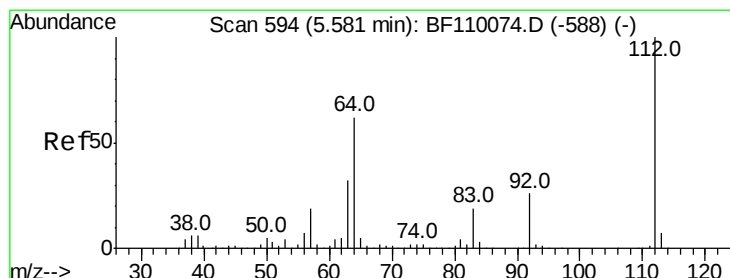
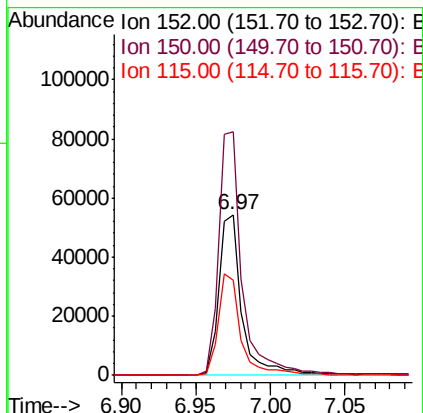
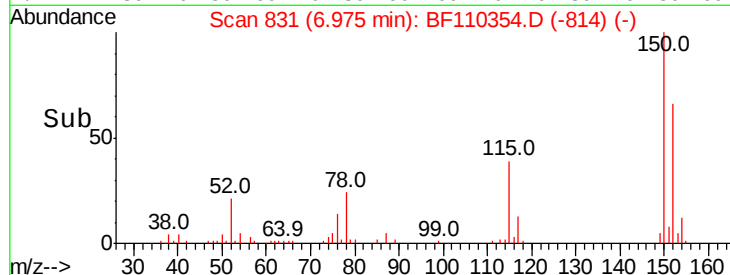
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110354.D
 Acq: 1 Nov 2018 1:57

Instrument :
 BNA_F
 ClientSampleId :
 T5

Tot Ion:152 Resp: 59885
 Ion Ratio Lower Upper
 152 100
 150 151.2 122.7 184.1
 115 59.2 49.1 73.7



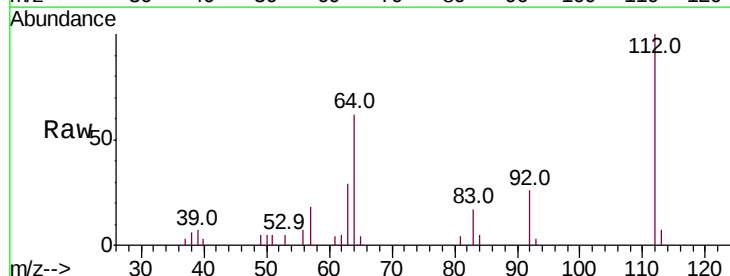
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



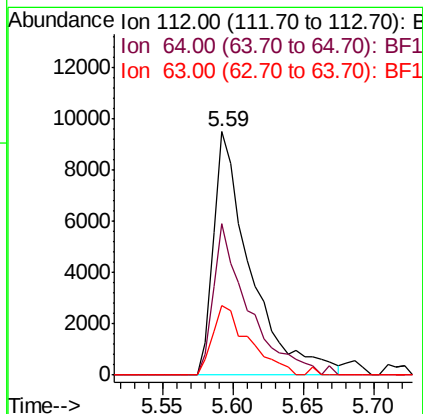
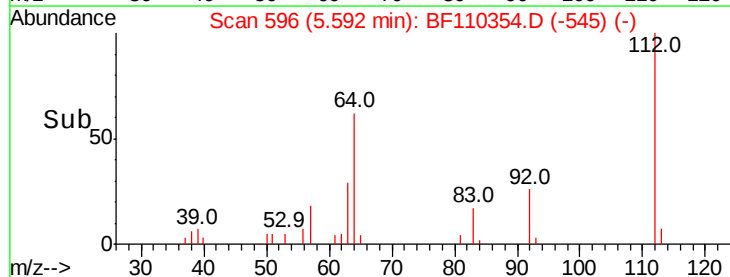
#5

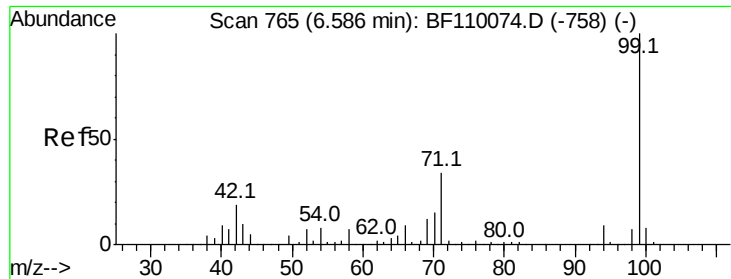
2-Fluorophenol
 Concen: 4.694 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF110354.D
 Acq: 1 Nov 2018 1:57

Tgt Ion:112 Resp: 17261
 Ion Ratio Lower Upper
 112 100
 64 62.1 44.1 66.1
 63 28.7 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: 4.535 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110354.D

Acq: 1 Nov 2018 1:57

Instrument :

BNA_F

ClientSampleId :

T5

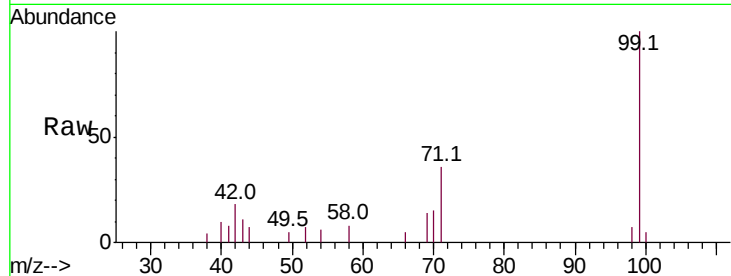
Tot Ion: 99 Resp: 21332

Ion Ratio Lower Upper

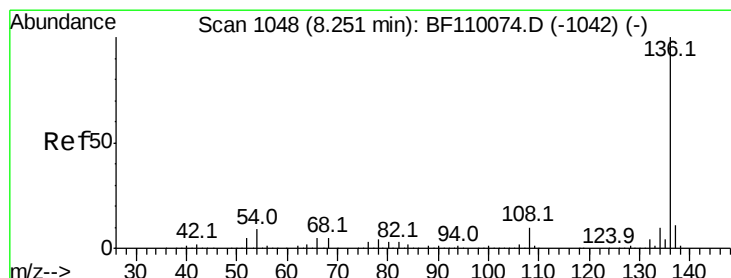
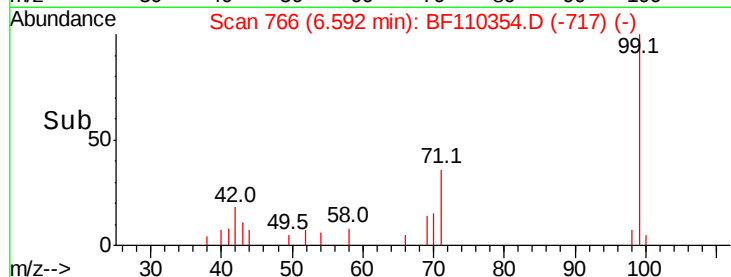
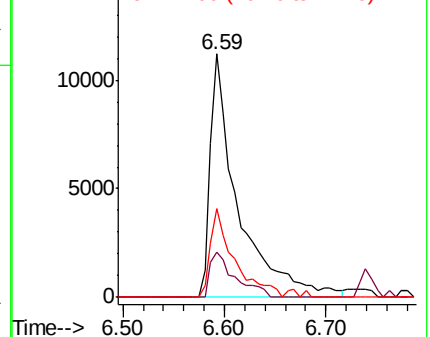
99 100

42 18.4 15.8 23.6

71 36.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF110354.D

Acq: 1 Nov 2018 1:57

Tgt Ion: 136 Resp: 224647

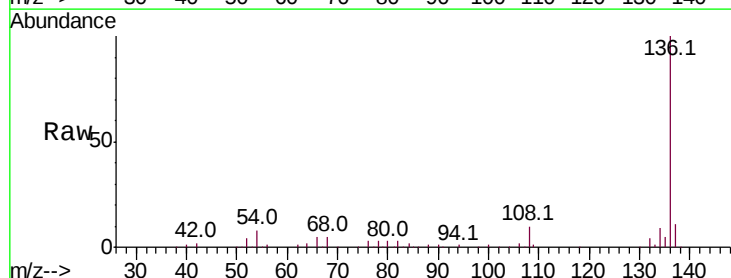
Ion Ratio Lower Upper

136 100

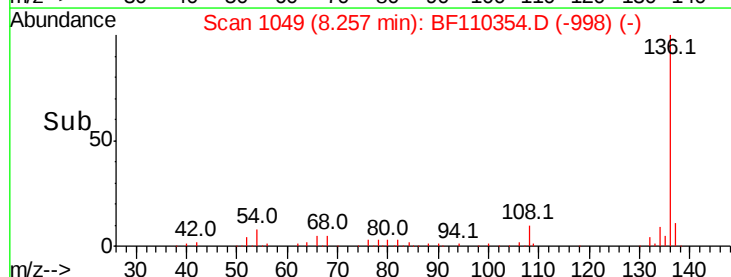
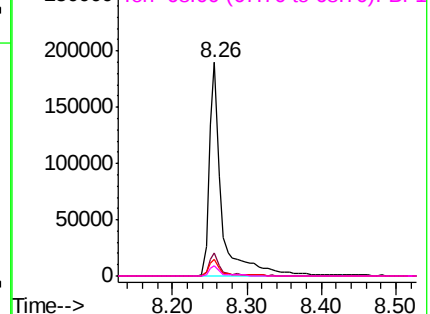
137 10.9 8.8 13.2

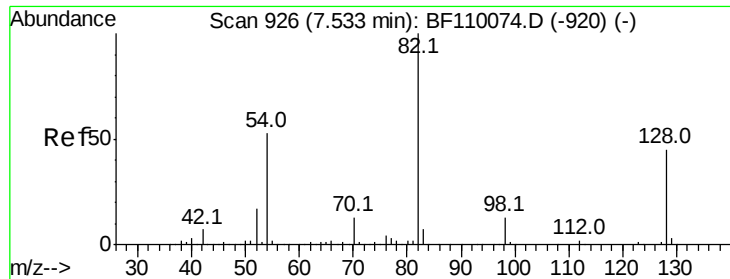
54 7.8 5.4 8.2

68 4.8 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

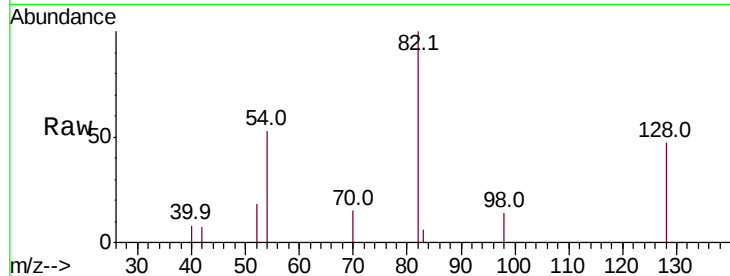




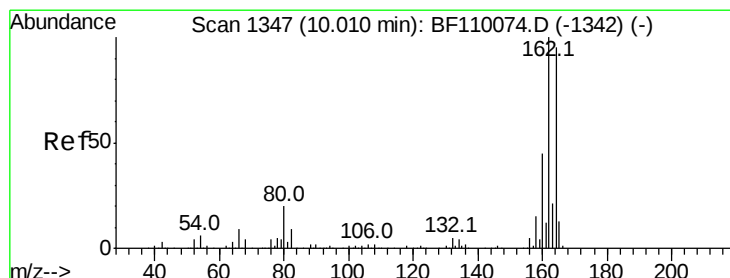
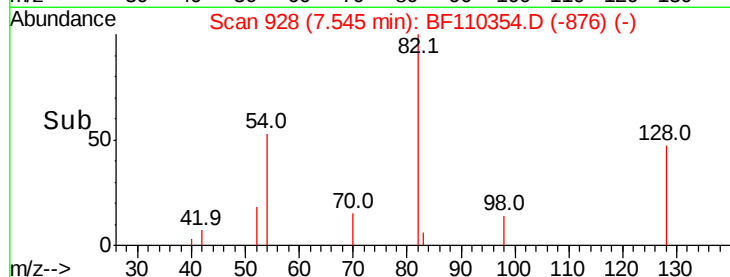
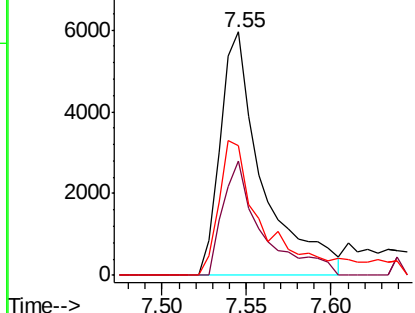
#23
Nitrobenzene-d5
Concen: 2.744 ng
RT: 7.55 min Scan# 928
Delta R.T. 0.01 min
Lab File: BF110354.D
Acq: 1 Nov 2018 1:57

Instrument :
BNA_F
ClientSampled :
T5

Tot Ion	82	Resp	10393
Ion Ratio	Lower	Upper	
82	100		
128	46.7	34.2	51.2
54	53.0	38.6	58.0

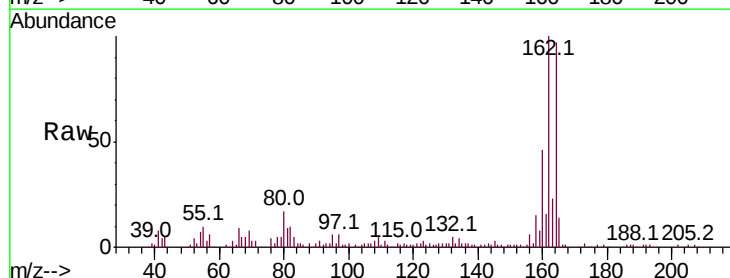


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

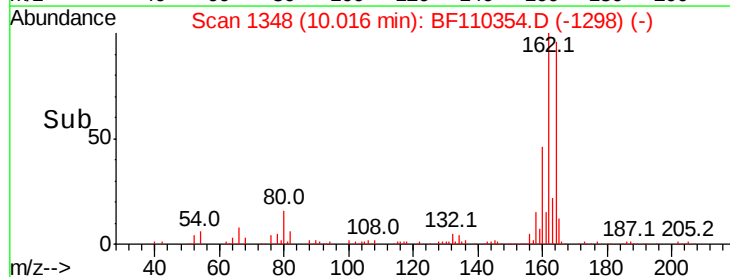
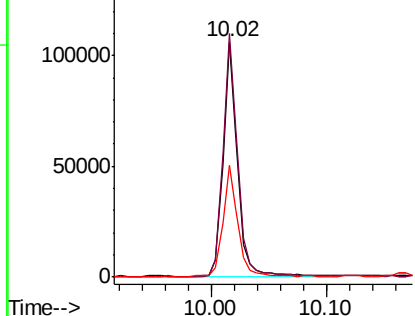


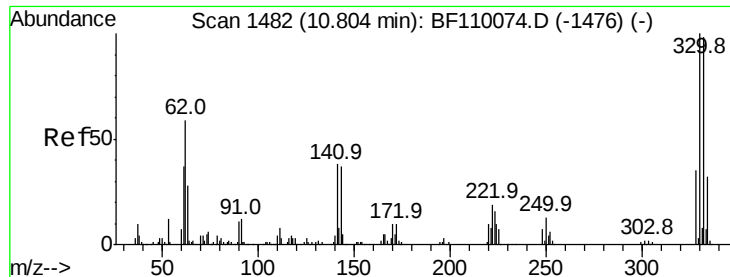
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110354.D
Acq: 1 Nov 2018 1:57

Tgt Ion	164	Resp	90703
Ion Ratio	Lower	Upper	
164	100		
162	103.5	83.0	124.6
160	47.4	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

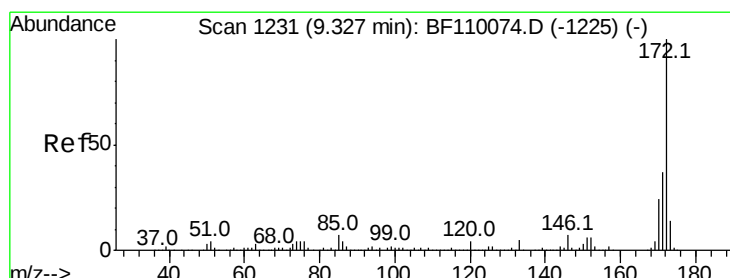
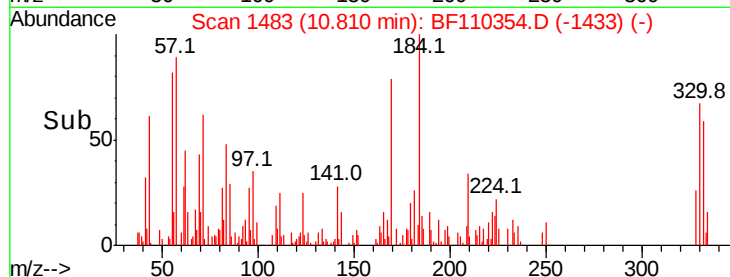
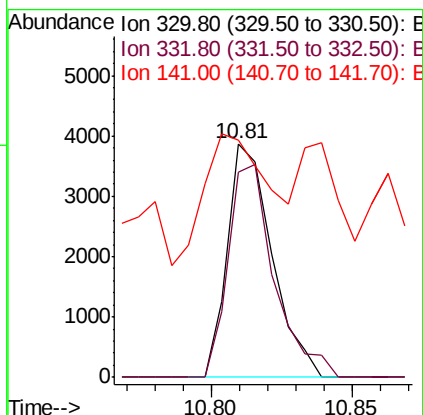
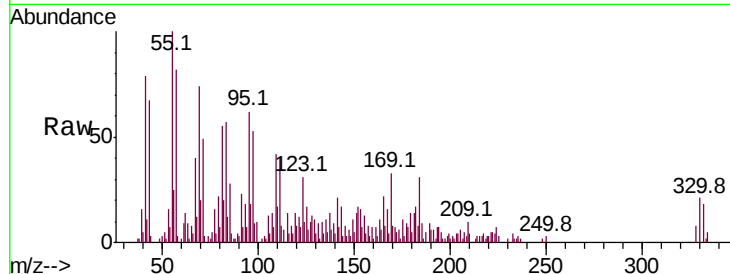




#42
 2,4,6-Tribromophenol
 Concen: 4.730 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF110354.D
 Acq: 1 Nov 2018 1:57

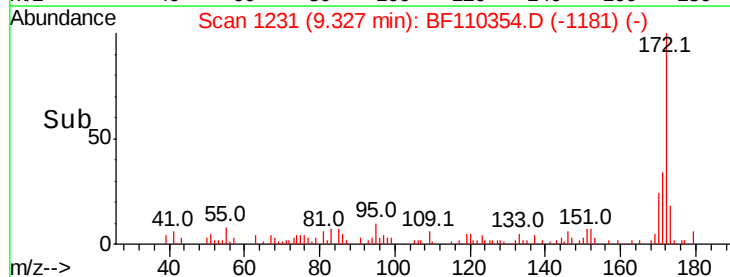
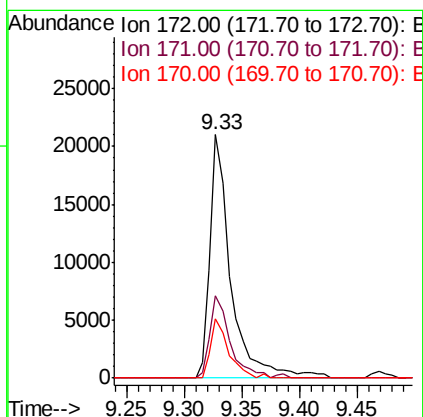
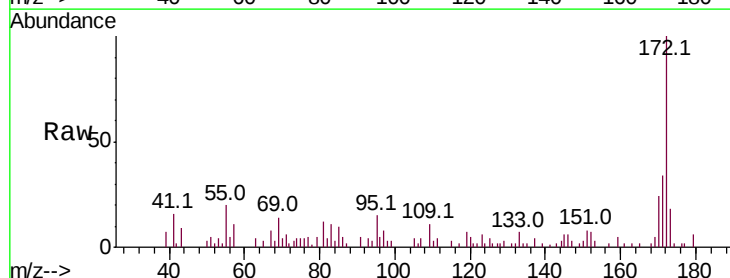
Instrument :
 BNA_F
 ClientSampled :
 T5

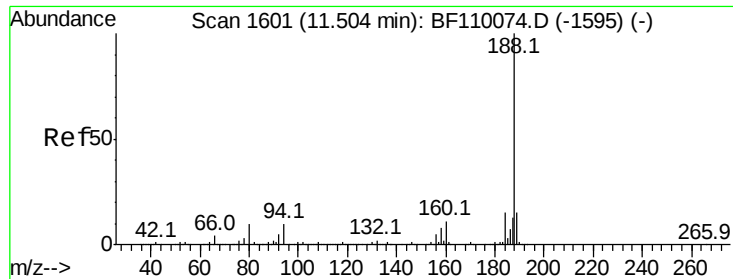
Tot Ion:330 Resp: 4250
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.1 115.7
 141 81.7 27.0 40.4#



#45
 2-Fluorobiphenyl
 Concen: 4.581 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110354.D
 Acq: 1 Nov 2018 1:57

Tgt Ion:172 Resp: 26464
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.6 43.0
 170 24.1 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF110354.D

Acq: 1 Nov 2018 1:57

Instrument :

BNA_F

ClientSampleId :

T5

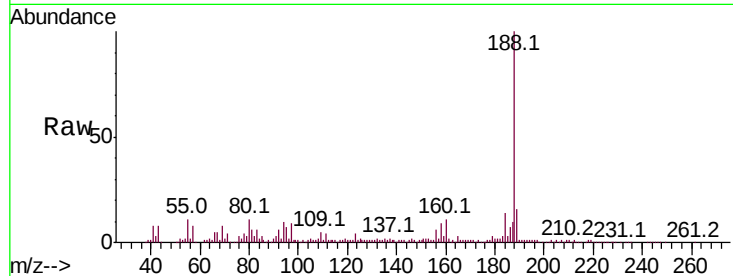
Tot Ion:188 Resp: 170898

Ion Ratio Lower Upper

188 100

94 10.3 7.2 10.8

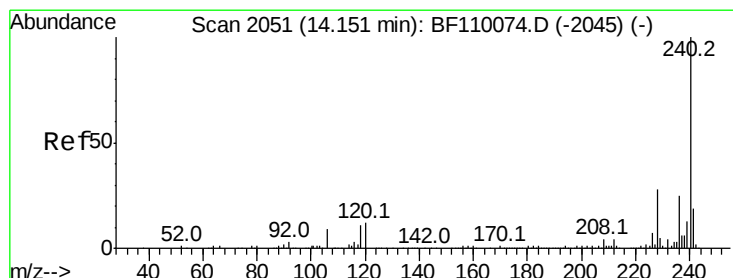
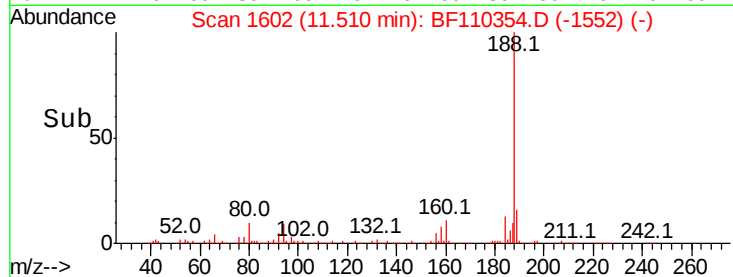
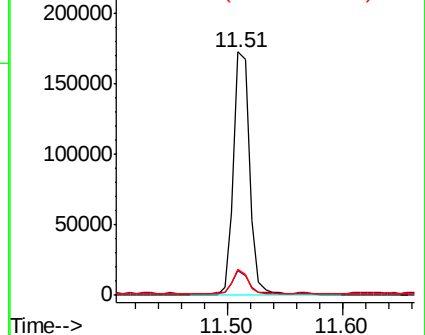
80 10.7 7.9 11.9



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: BF110354.D

Acq: 1 Nov 2018 1:57

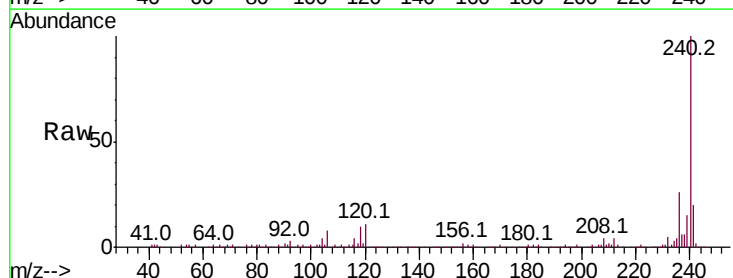
Tgt Ion:240 Resp: 174210

Ion Ratio Lower Upper

240 100

120 10.9 8.3 12.5

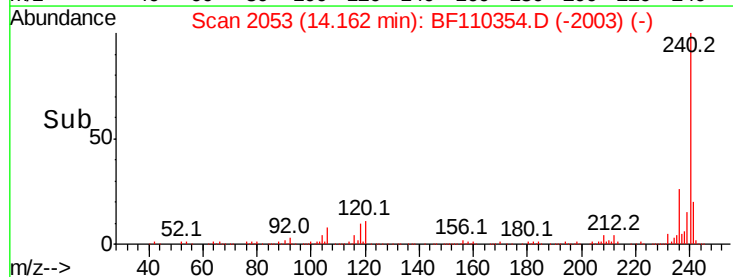
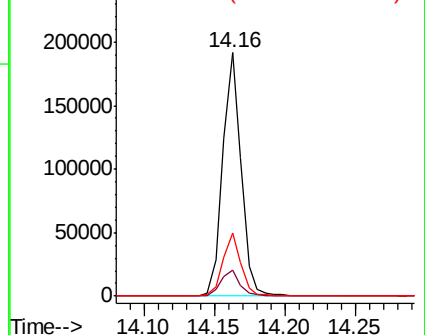
236 25.9 21.2 31.8

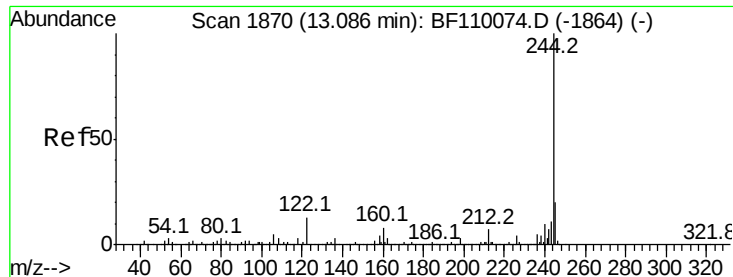


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 3.693 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110354.D

Acq: 1 Nov 2018 1:57

Instrument :

BNA_F

ClientSampleId :

T5

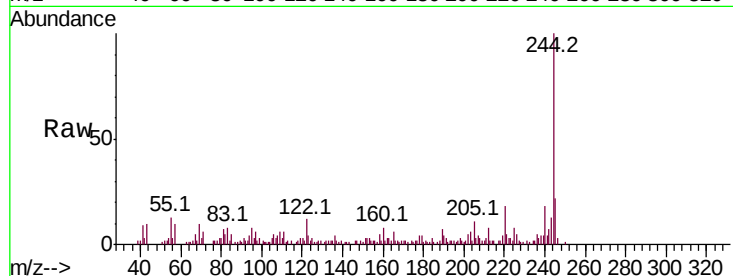
Tot Ion:244 Resp: 30935

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

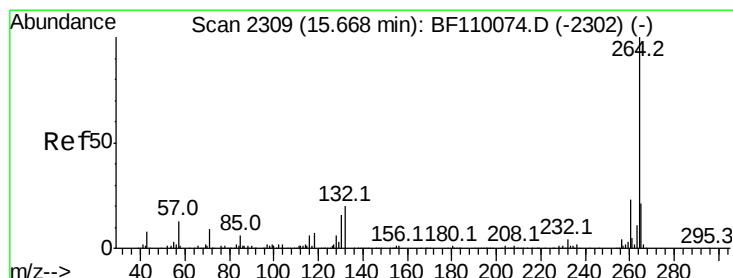
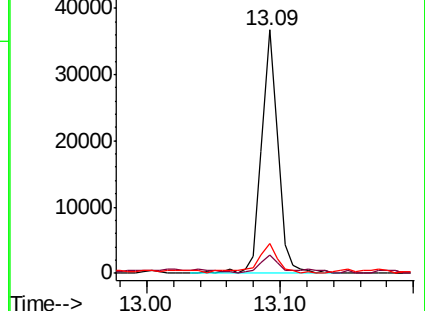
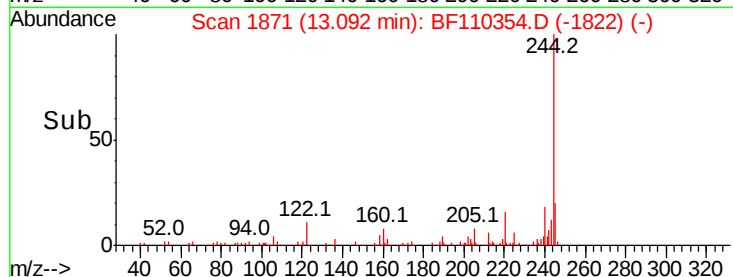
122 12.5 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2315

Delta R.T. 0.00 min

Lab File: BF110354.D

Acq: 1 Nov 2018 1:57

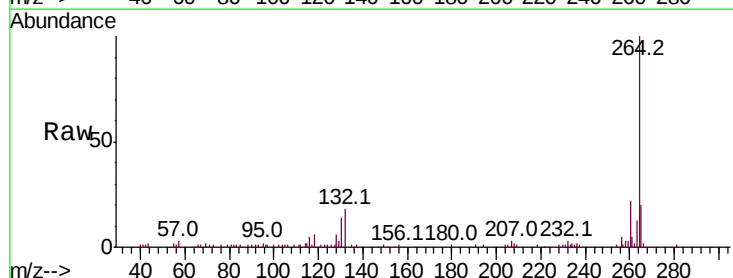
Tgt Ion:264 Resp: 106322

Ion Ratio Lower Upper

264 100

260 22.4 18.7 28.1

265 20.0 16.7 25.1



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

