

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108929.D
 Acq On : 11 Sep 2018 12:29
 Operator : JU/SJ
 Sample : PB112707BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112707BL

Quant Time: Sep 11 13:12:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	166061	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	633931	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	318152	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	636377	20.00	ng	0.00
75) Chrysene-d12	13.87	240	577999	20.00	ng	0.00
86) Perylene-d12	15.28	264	520349	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1127256	112.46	ng	0.02
7) Phenol-d6	6.38	99	1455526	112.86	ng	0.01
23) Nitrobenzene-d5	7.30	82	939372	92.73	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	408166	134.39	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1678346	90.00	ng	0.00
78) Terphenyl-d14	12.83	244	1841554	74.30	ng	0.00

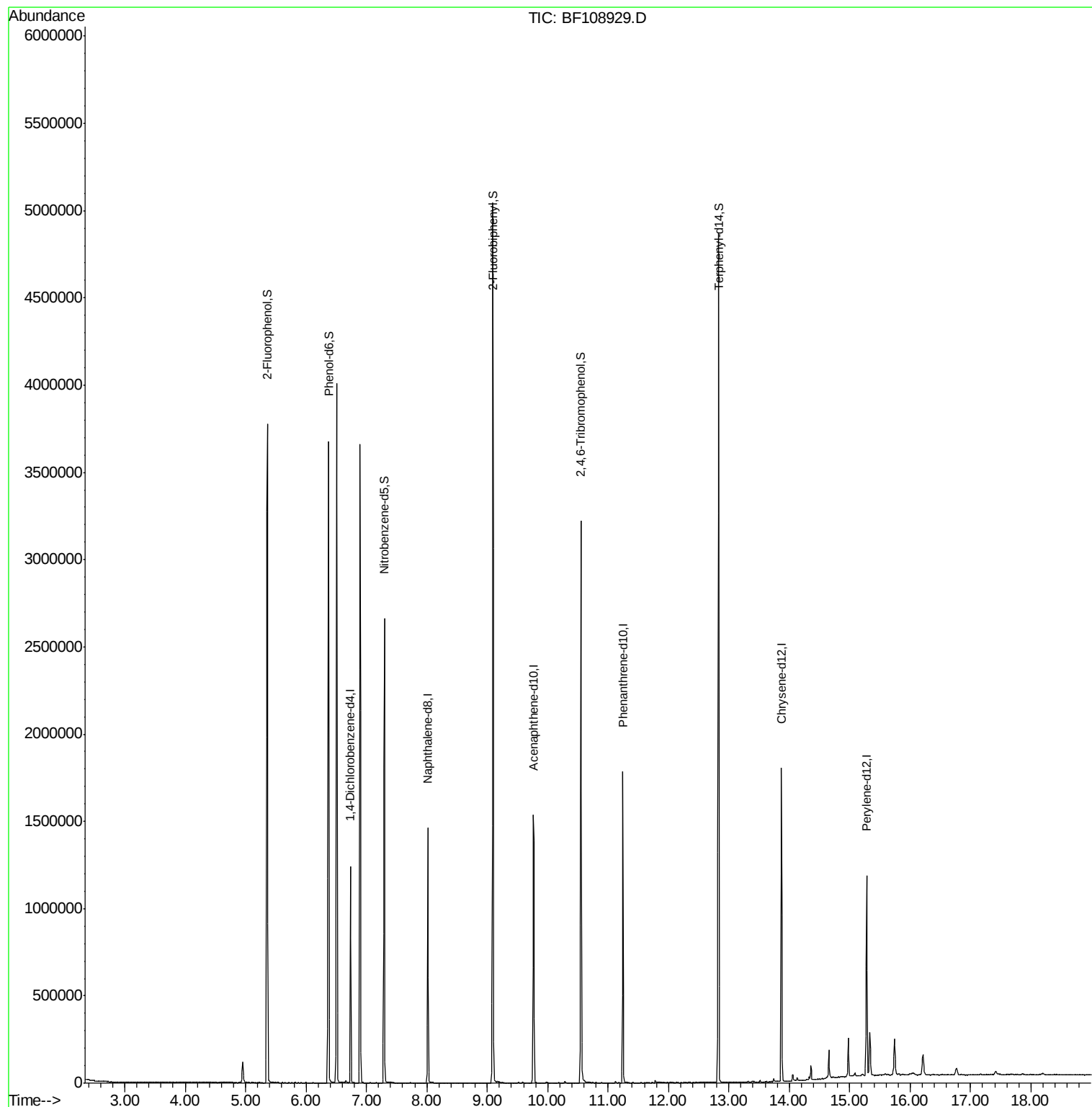
Target Compounds Qvalue

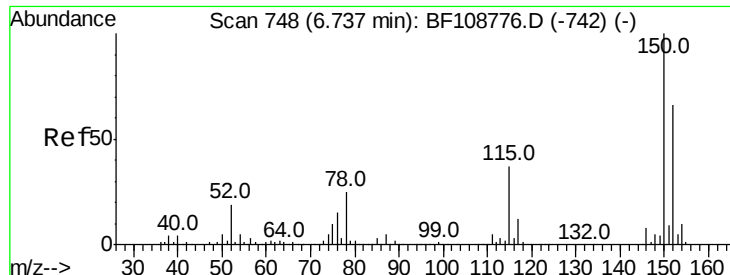
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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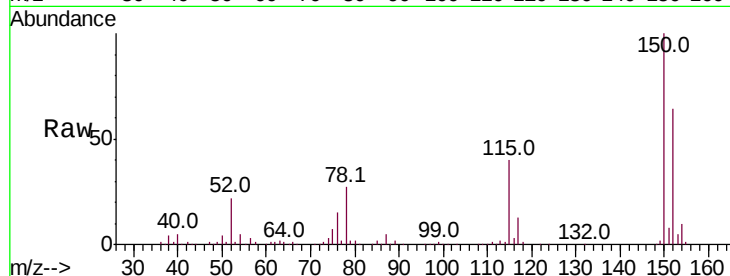


#1

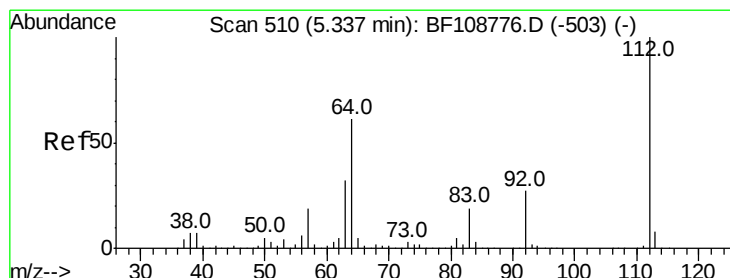
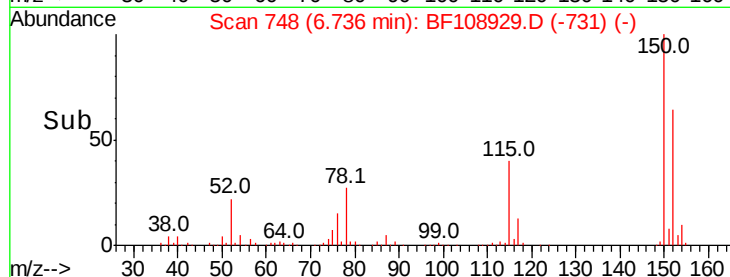
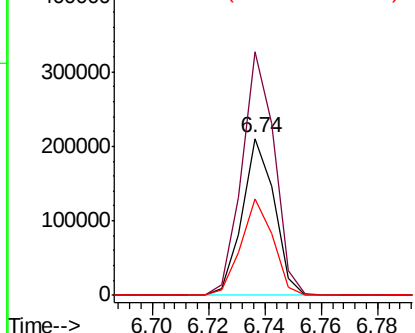
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108929.D
Acq: 11 Sep 2018 12:29

Instrument :
BNA_F
ClientSampleId :
PB112707BL

Tot Ion:152 Resp: 166061
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 61.7 50.1 75.1



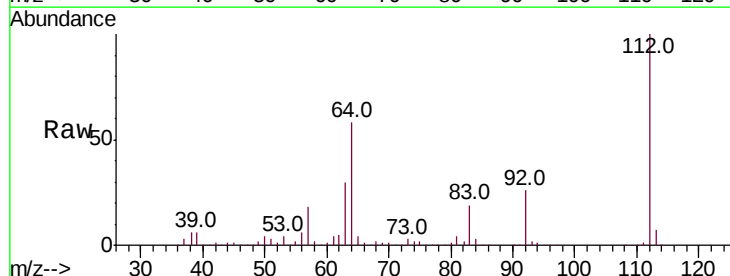
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



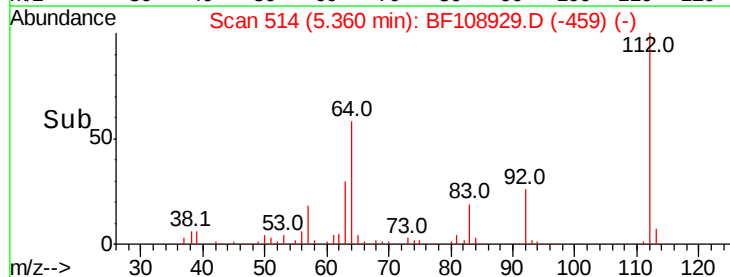
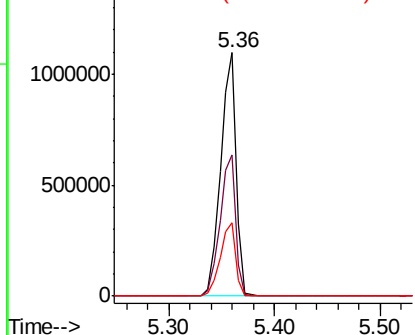
#5

2-Fluorophenol
Concen: 112.458 ng
RT: 5.36 min Scan# 514
Delta R.T. 0.02 min
Lab File: BF108929.D
Acq: 11 Sep 2018 12:29

Tgt Ion:112 Resp: 1127256
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 30.3 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: 112.856 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108929.D

Acq: 11 Sep 2018 12:29

Instrument :

BNA_F

ClientSampleId :

PB112707BL

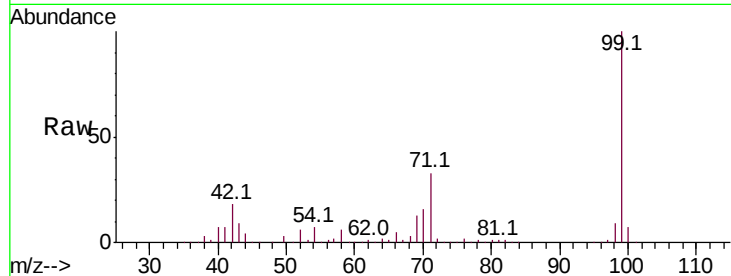
Tot Ion: 99 Resp: 1455526

Ion Ratio Lower Upper

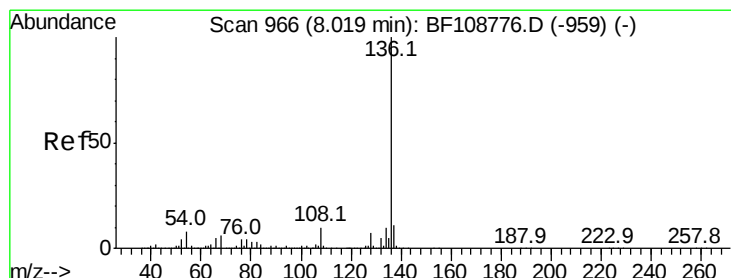
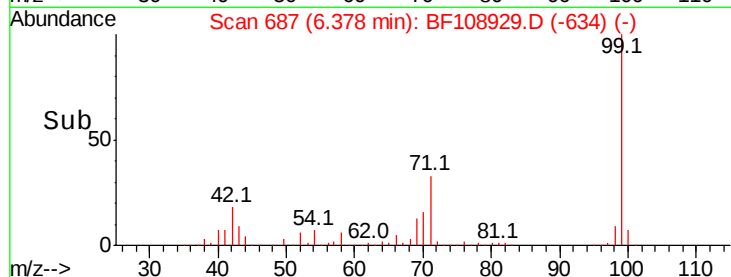
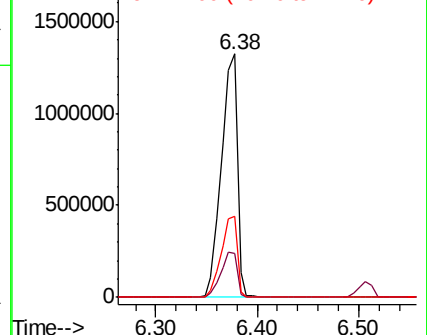
99 100

42 17.9 14.5 21.7

71 33.2 25.4 38.0



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: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108929.D

Acq: 11 Sep 2018 12:29

Tgt Ion: 136 Resp: 633931

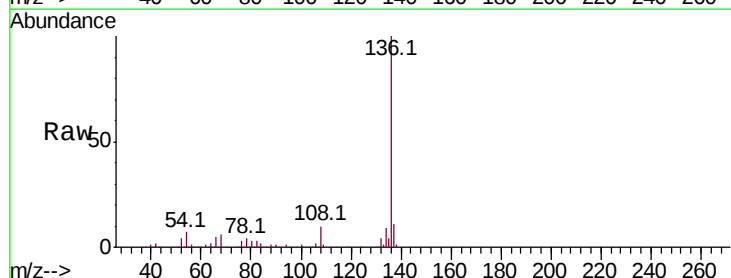
Ion Ratio Lower Upper

136 100

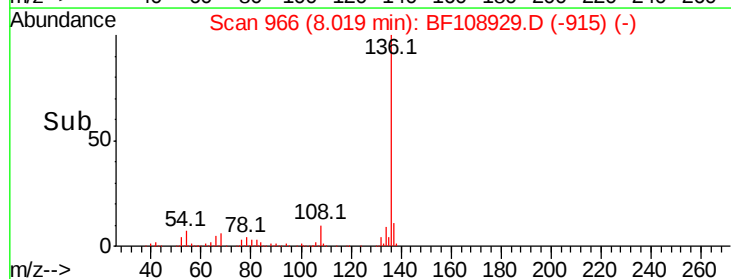
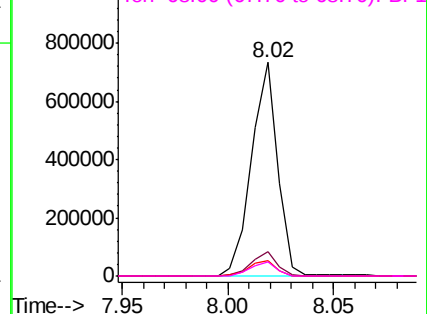
137 11.2 8.9 13.3

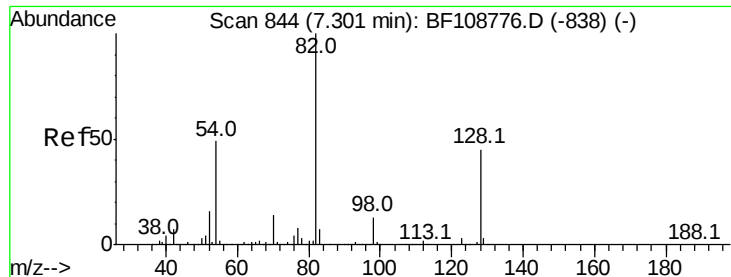
54 7.2 6.6 9.8

68 6.3 5.0 7.4



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

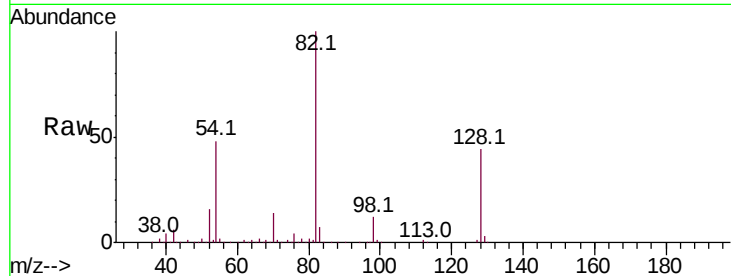




#23
Nitrobenzene-d5
Concen: 92.734 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108929.D
Acq: 11 Sep 2018 12:29

Instrument :
BNA_F
ClientSampleId :
PB112707BL

Tot Ion	82	Resp	939372
Ion Ratio	Lower	Upper	
82	100		
128	44.1	36.1	54.1
54	48.3	41.4	62.2

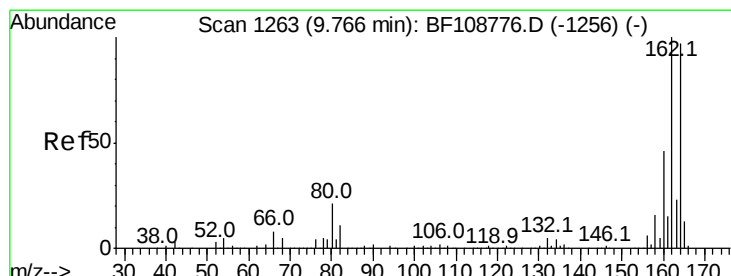
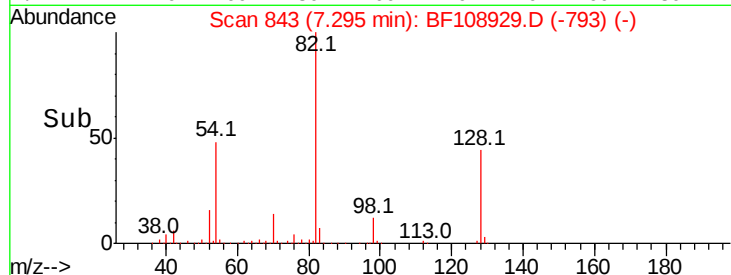
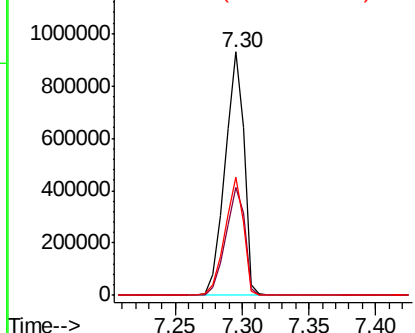


Abundance

Ion 82.00 (81.70 to 82.70): BF1

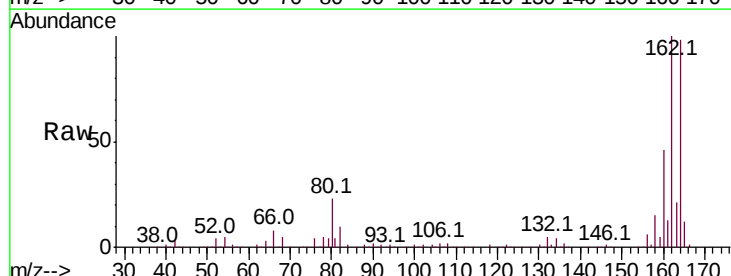
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108929.D
Acq: 11 Sep 2018 12:29

Tgt Ion	164	Resp	318152
Ion Ratio	Lower	Upper	
164	100		
162	101.6	86.1	129.1
160	46.5	38.3	57.5

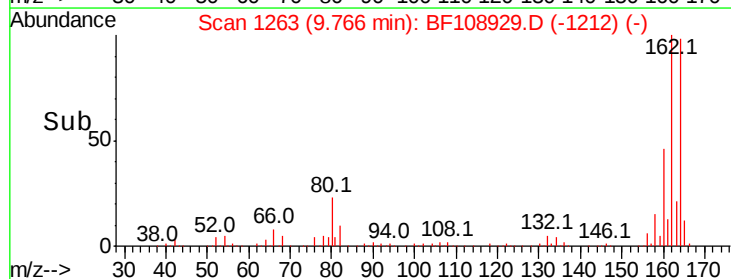
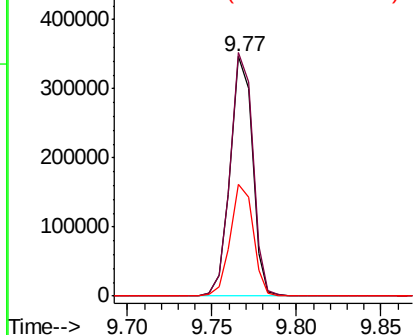


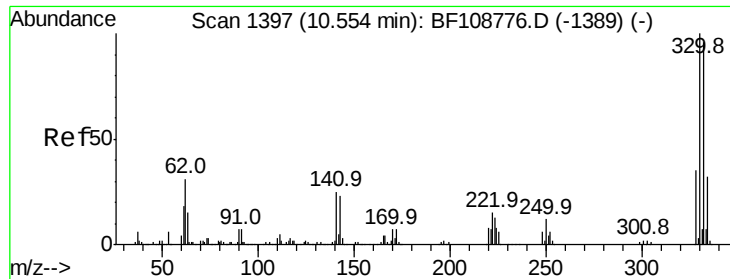
Abundance

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

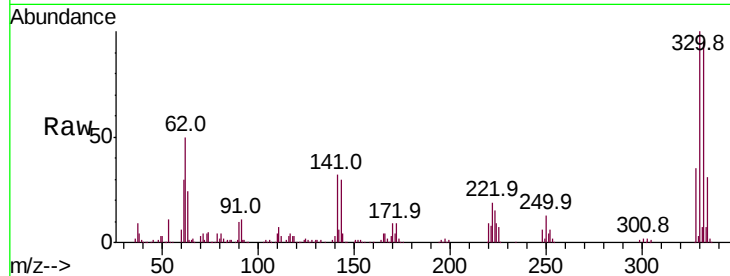




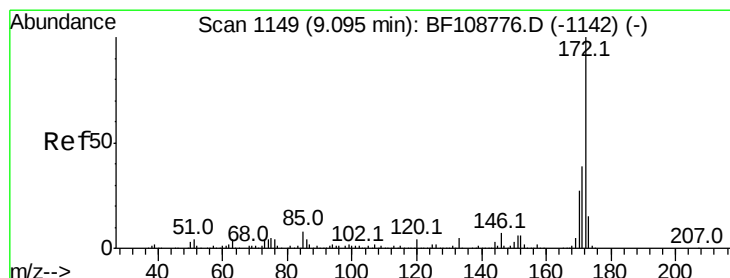
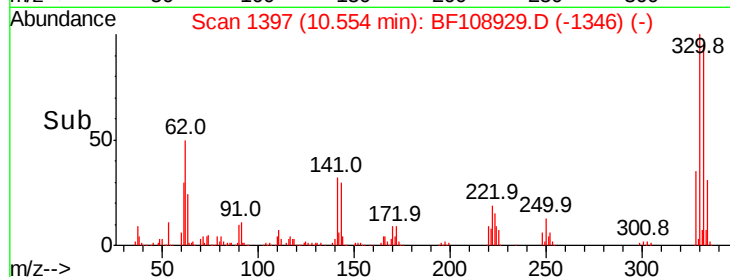
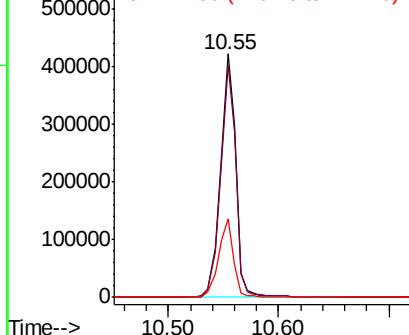
#41
 2,4,6-Tribromophenol
 Concen: 134.387 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108929.D
 Acq: 11 Sep 2018 12:29

Instrument :
 BNA_F
 ClientSampleId :
 PB112707BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	31.3	29.9	44.9

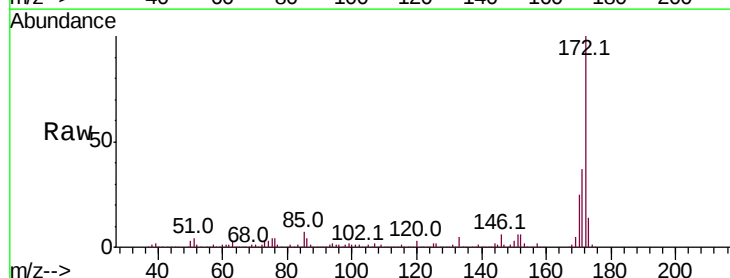


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

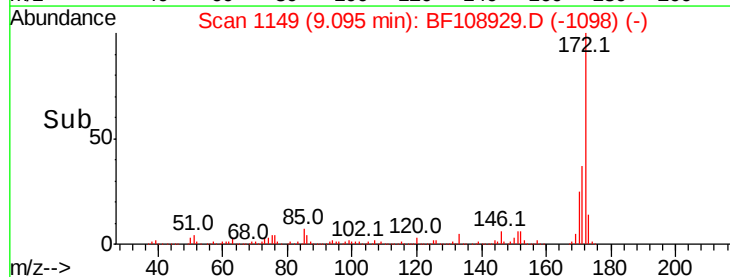
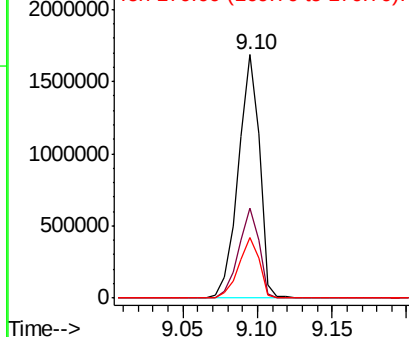


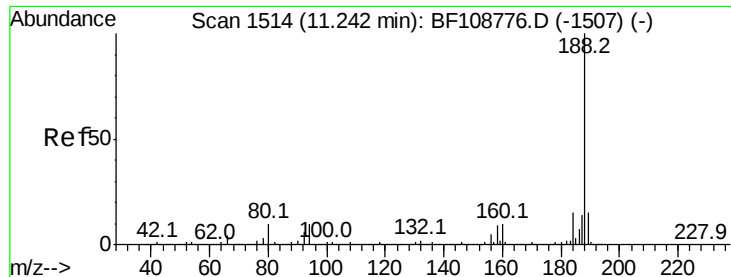
#44
 2-Fluorobiphenyl
 Concen: 89.996 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108929.D
 Acq: 11 Sep 2018 12:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	25.0	19.6	29.4



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

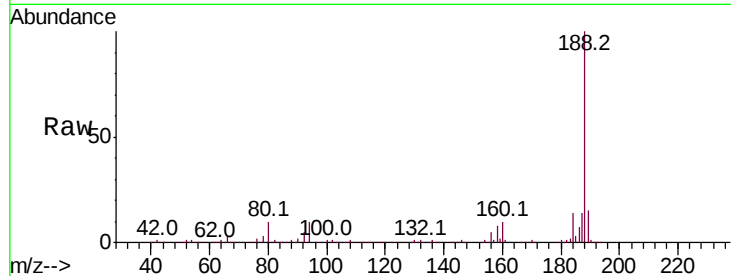




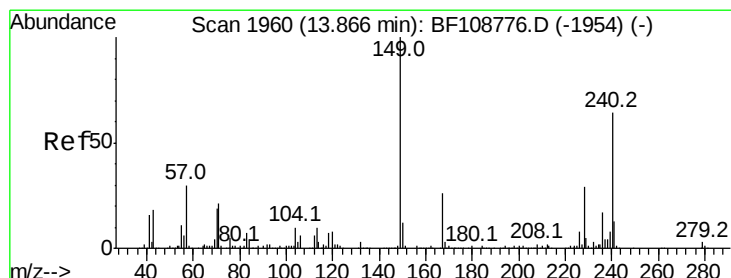
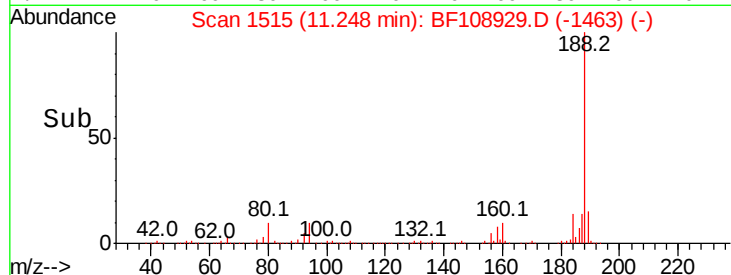
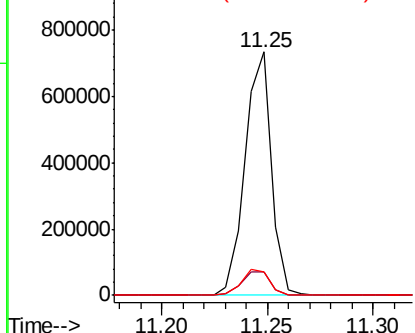
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF108929.D
 Acq: 11 Sep 2018 12:29

Instrument :
 BNA_F
 ClientSampleId :
 PB112707BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	9.8	9.2	13.8

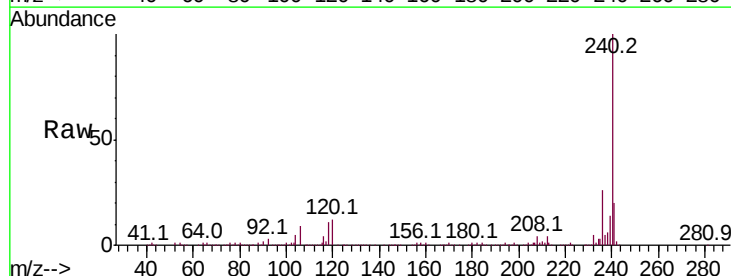


Abundance Ion 188.00 (187.70 to 188.70): E
 1000000
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

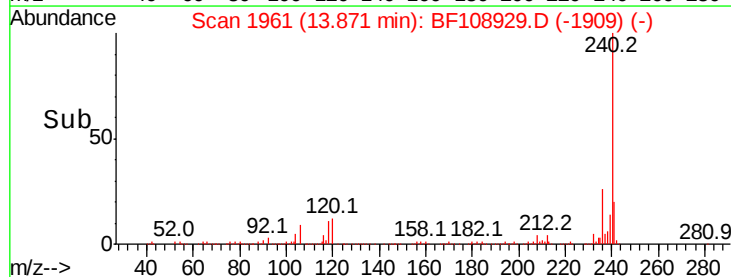
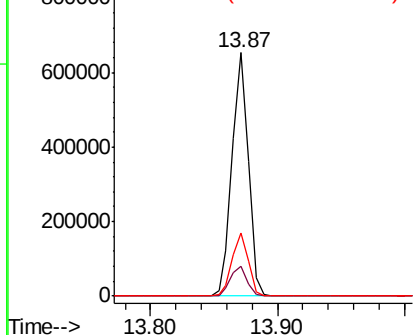


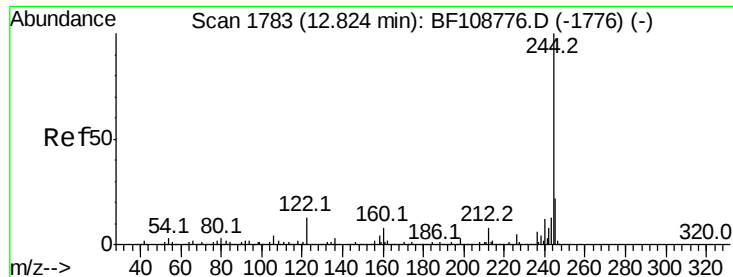
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108929.D
 Acq: 11 Sep 2018 12:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.1	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 800000
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.296 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108929.D

Acq: 11 Sep 2018 12:29

Instrument :

BNA_F

ClientSampleId :

PB112707BL

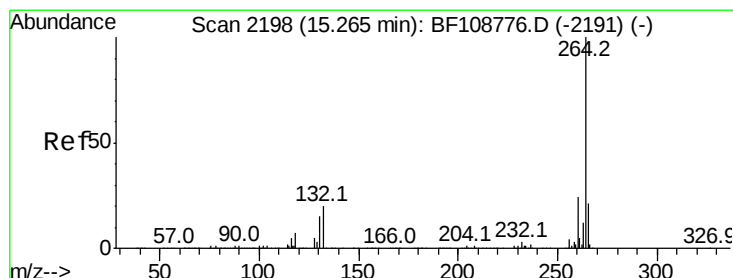
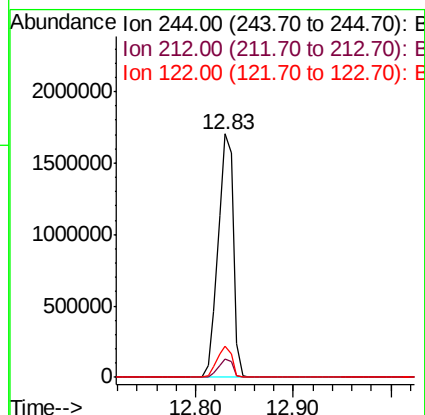
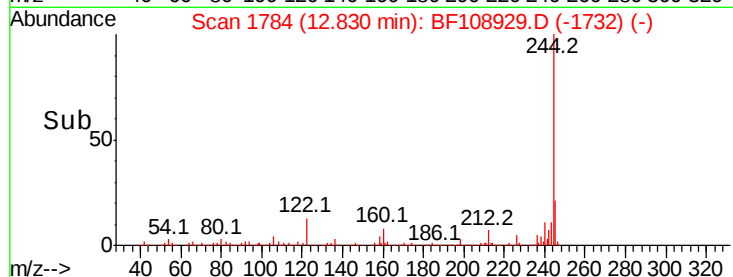
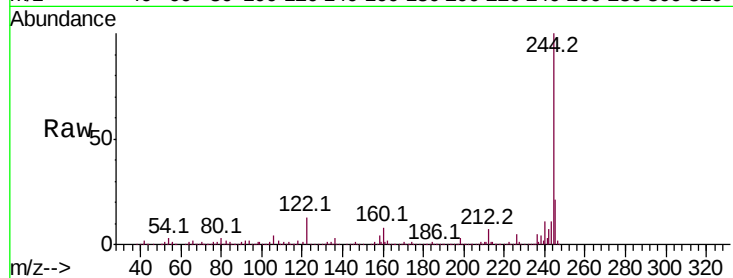
Tot Ion:244 Resp: 1841554

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

122 12.7 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2201

Delta R.T. 0.02 min

Lab File: BF108929.D

Acq: 11 Sep 2018 12:29

Tgt Ion:264 Resp: 520349

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.3 17.5 26.3

