

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108924.D
 Acq On : 11 Sep 2018 5:45
 Operator : JU/SJ
 Sample : J4830-14
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 090618-DBRI-E-U-S

Quant Time: Sep 11 08:39:04 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

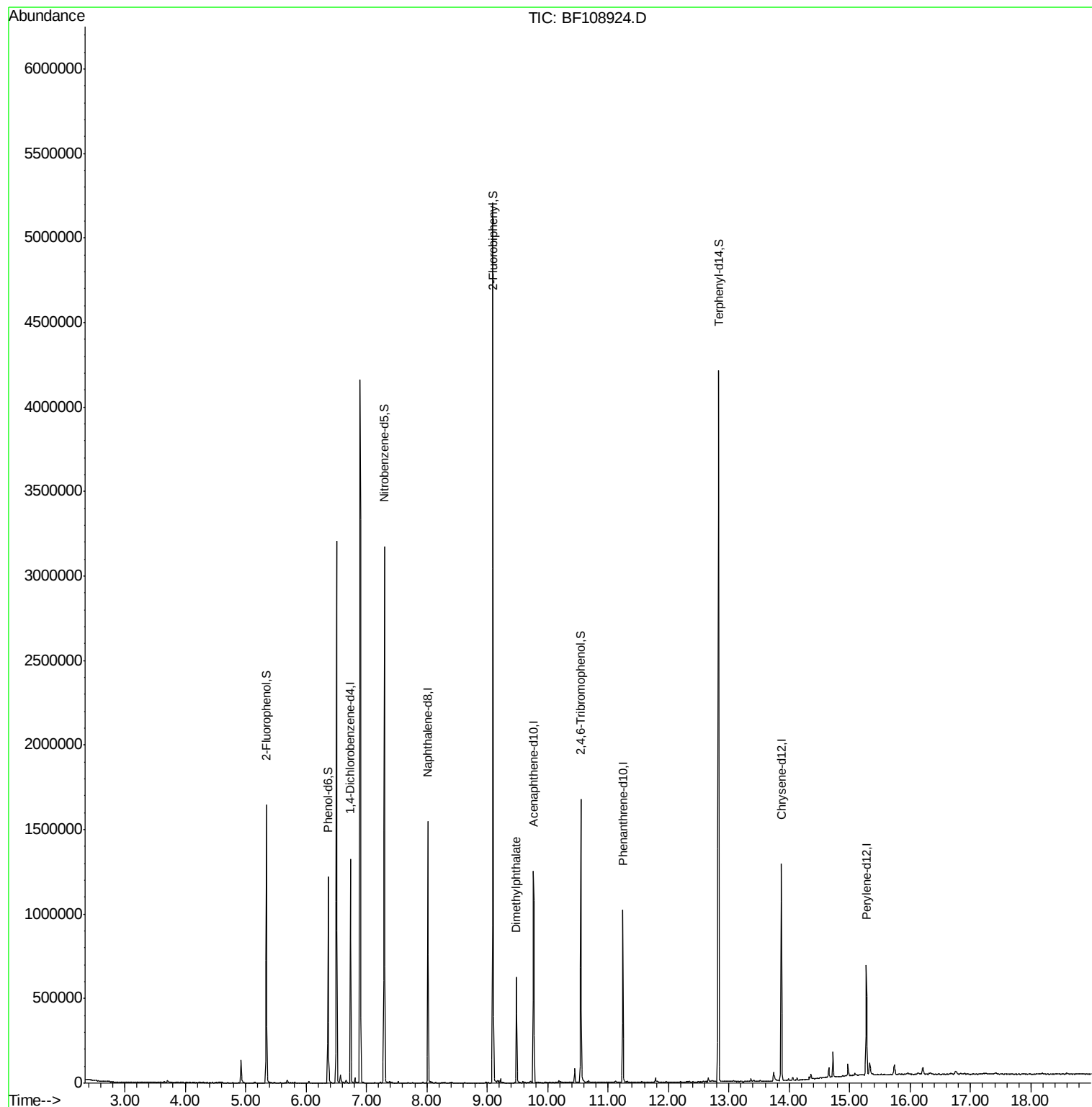
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	175363	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	594427	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	235735	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	391945	20.00	ng	0.00
75) Chrysene-d12	13.87	240	415207	20.00	ng	0.00
86) Perylene-d12	15.28	264	283224	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	467200	44.14	ng	0.01
7) Phenol-d6	6.37	99	362161	26.59	ng	0.00
23) Nitrobenzene-d5	7.30	82	1081418	113.85	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	215008	95.54	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1690192	122.32	ng	0.00
78) Terphenyl-d14	12.83	244	1398604	78.55	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	230775	13.996	ng	99

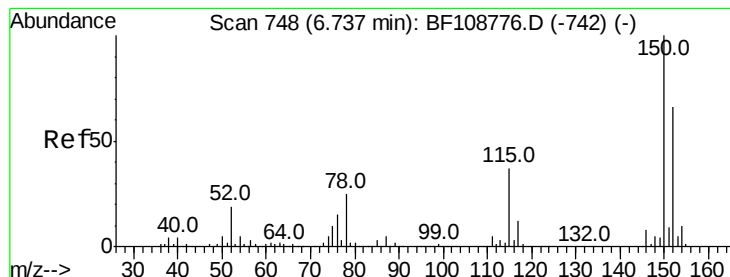
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF108924.D

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BNA_F

ClientSampleId :

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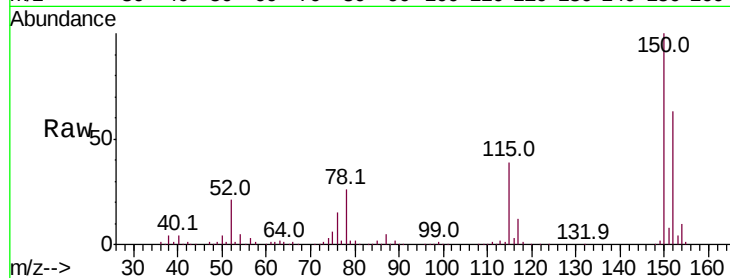
Tot Ion:152 Resp: 175363

Ion Ratio Lower Upper

152 100

150 157.9 124.6 186.8

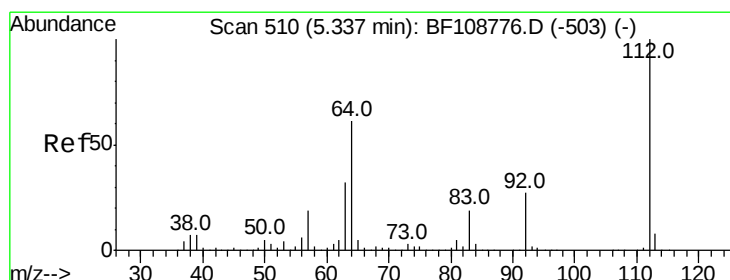
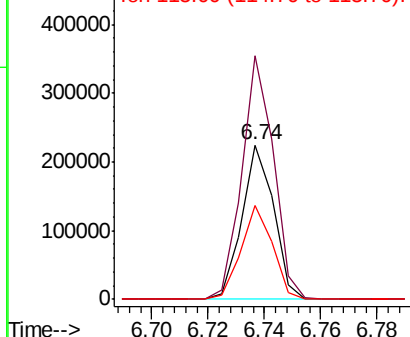
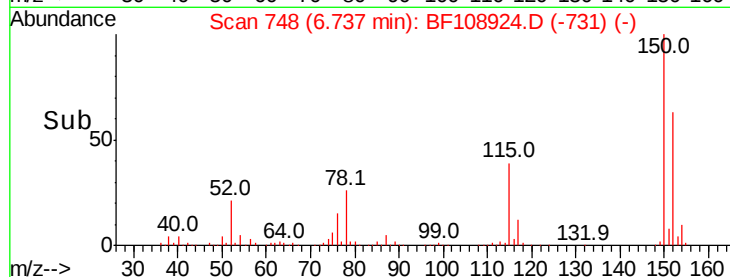
115 60.9 50.1 75.1



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: 44.137 ng

RT: 5.35 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF108924.D

Acq: 11 Sep 2018 5:45

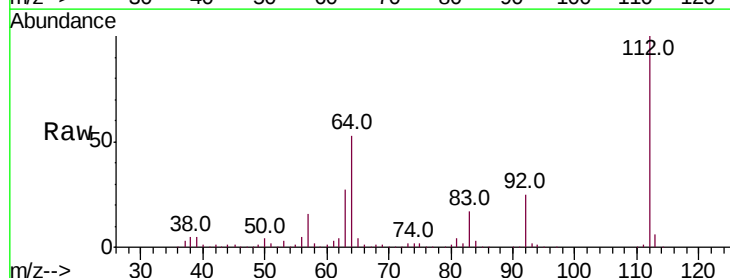
Tgt Ion:112 Resp: 467200

Ion Ratio Lower Upper

112 100

64 53.5 47.9 71.9

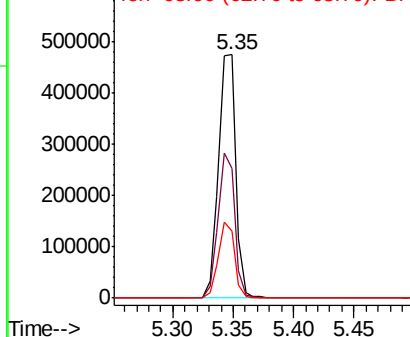
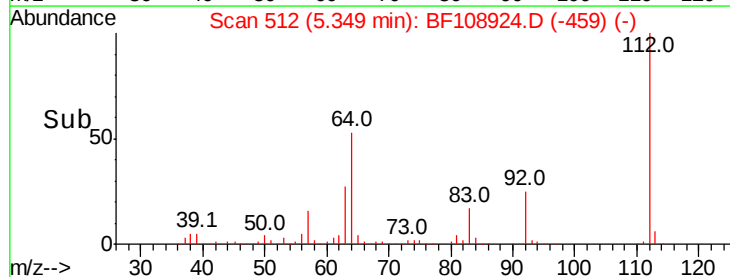
63 27.4 23.7 35.5

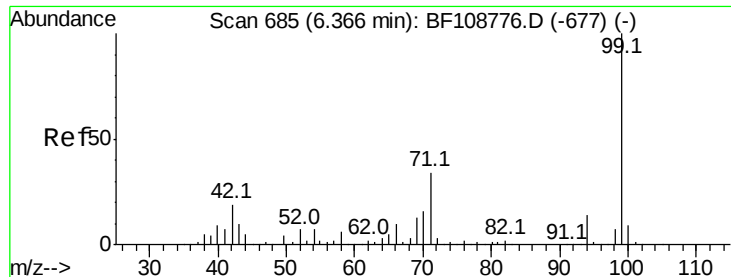


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 26.591 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108924.D

Acq: 11 Sep 2018 5:45

Instrument :

BNA_F

ClientSampleId :

090618-DBRI-E-U-S

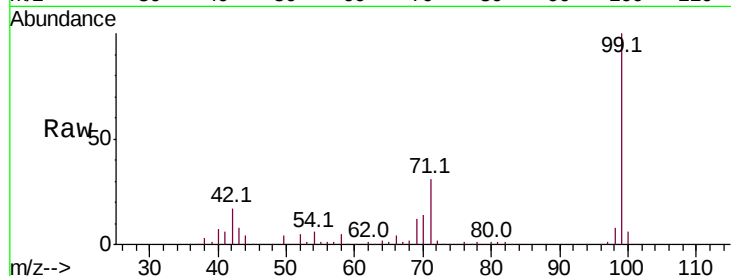
Tot Ion: 99 Resp: 362161

Ion Ratio Lower Upper

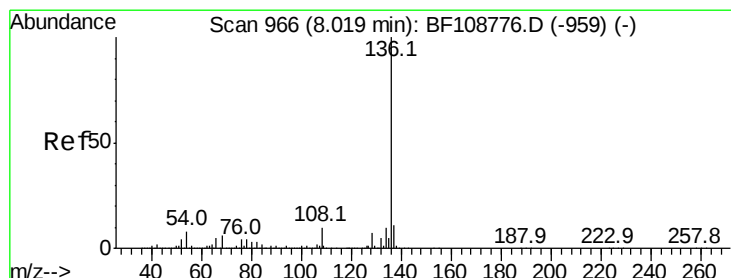
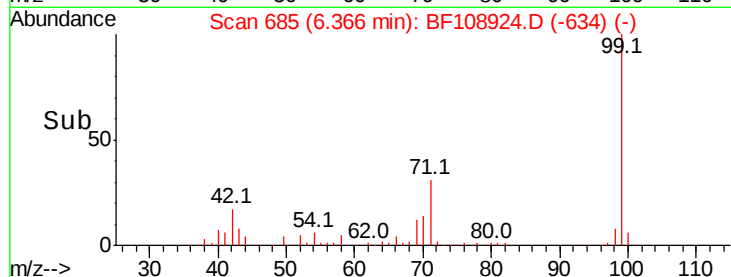
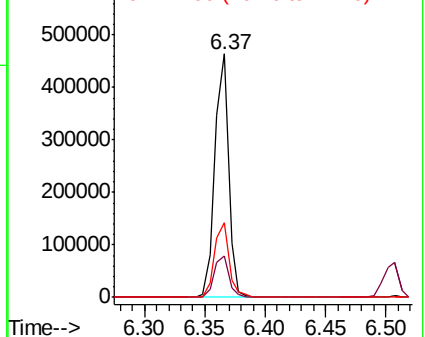
99 100

42 16.8 14.5 21.7

71 30.7 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: BF108924.D

Acq: 11 Sep 2018 5:45

Tgt Ion: 136 Resp: 594427

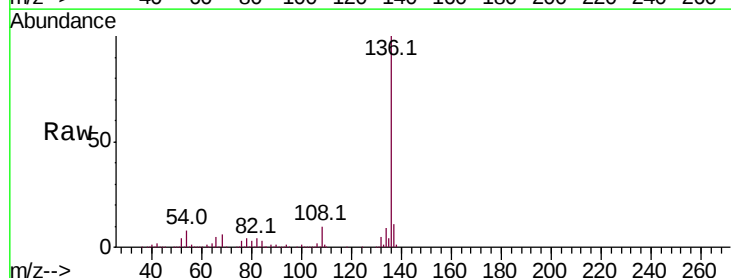
Ion Ratio Lower Upper

136 100

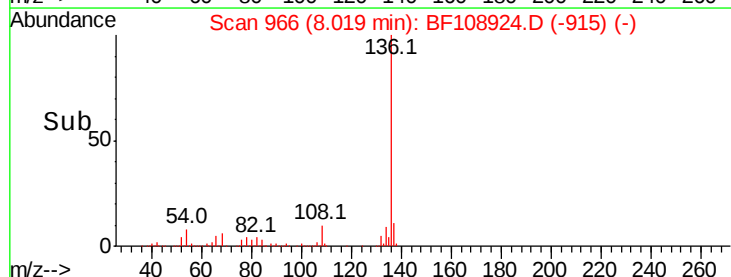
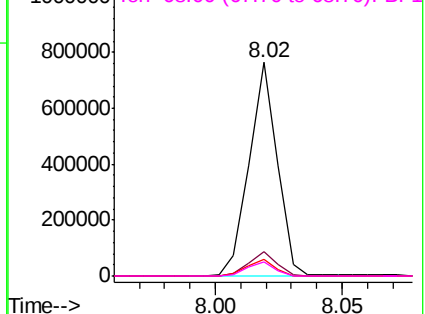
137 11.3 8.9 13.3

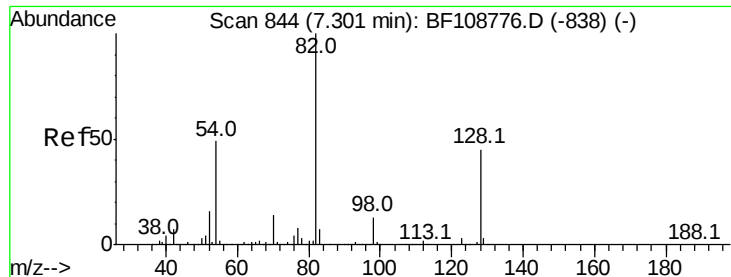
54 7.8 6.6 9.8

68 6.4 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



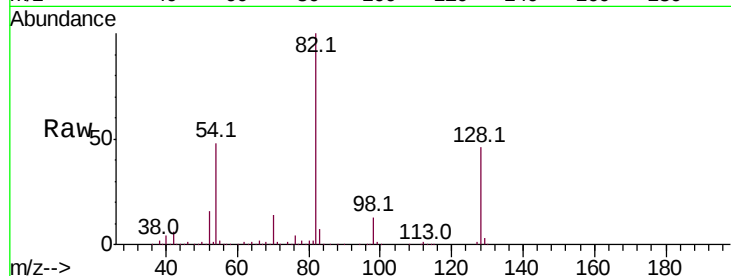


#23
 Nitrobenzene-d5
 Concen: 113.851 ng
 RT: 7.30 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF108924.D
 Acq: 11 Sep 2018 5:45

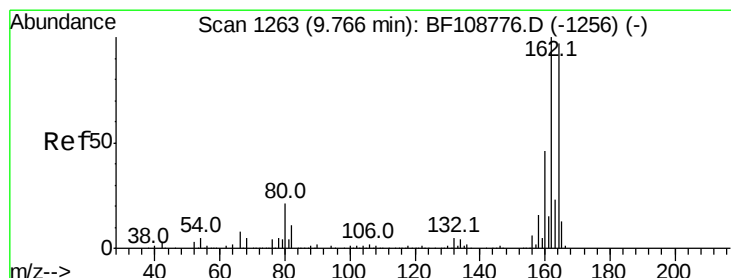
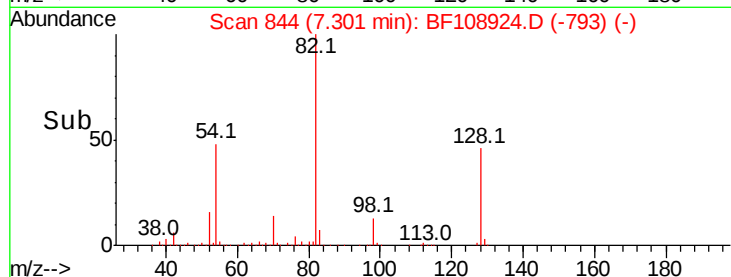
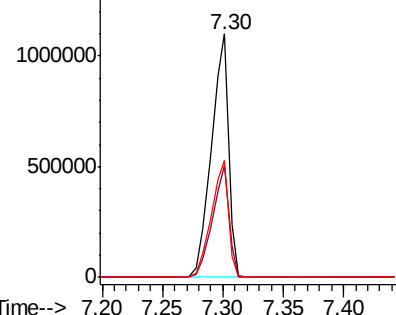
Instrument :
 BNA_F
 ClientSampleId :
 090618-DBRI-E-U-S

Tot Ion: 82 Resp: 1081418

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	48.0	41.4	62.2



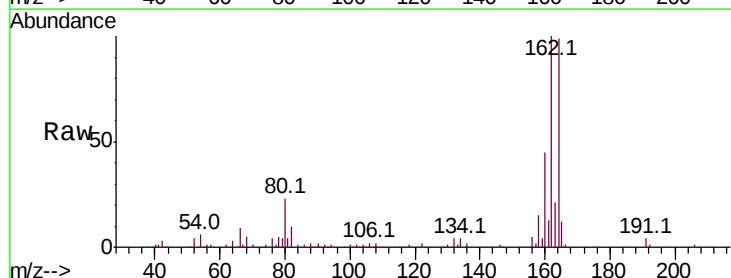
Abundance Ion 82.00 (81.70 to 82.70): BF1
 1500000
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



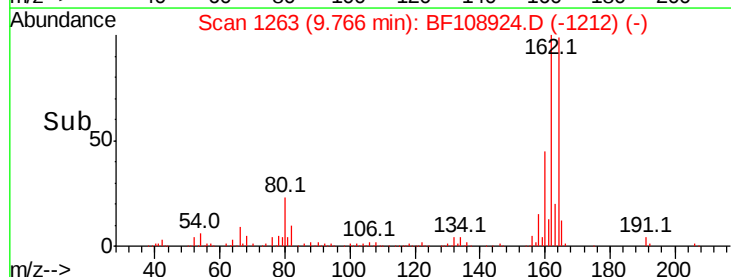
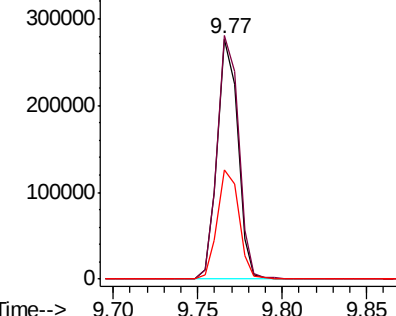
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BF108924.D
 Acq: 11 Sep 2018 5:45

Tgt Ion:164 Resp: 235735

Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	45.3	38.3	57.5



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

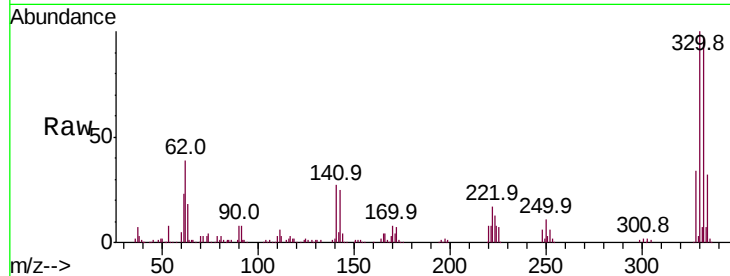




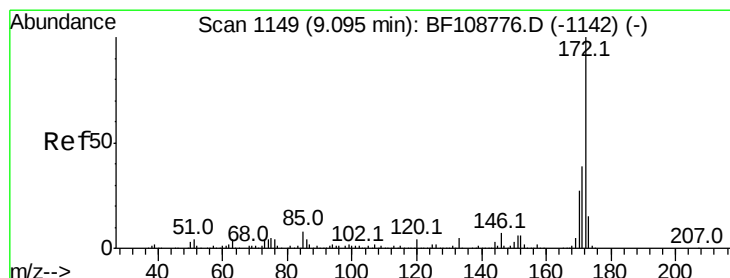
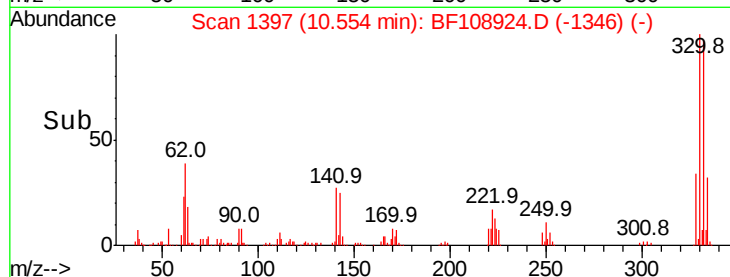
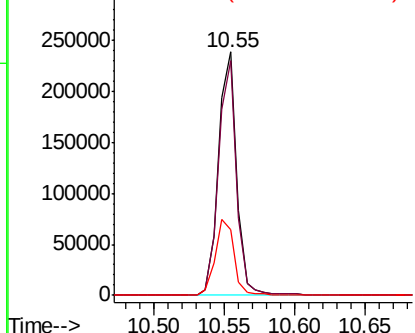
#41
 2,4,6-Tribromophenol
 Concen: 95.540 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF108924.D
 Acq: 11 Sep 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :
 090618-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	32.6	29.9	44.9

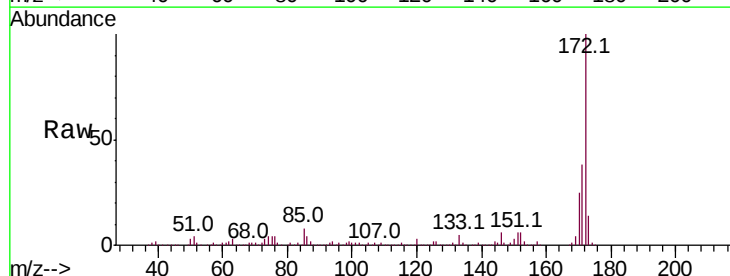


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

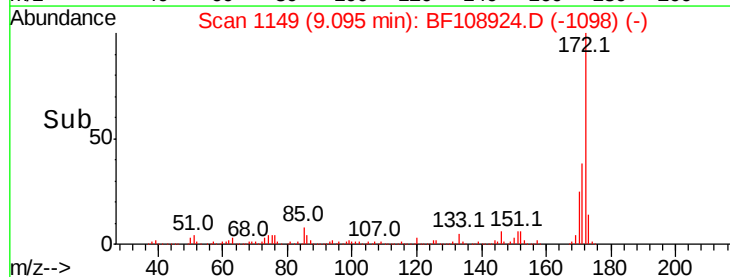
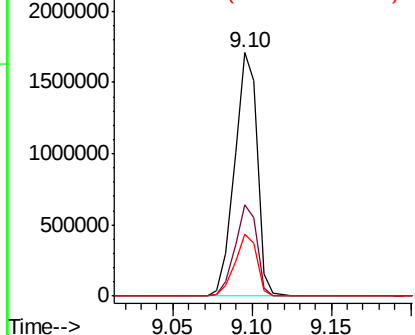


#44
 2-Fluorobiphenyl
 Concen: 122.317 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108924.D
 Acq: 11 Sep 2018 5:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.2	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

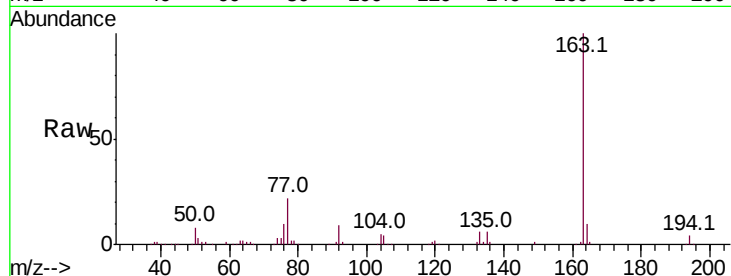




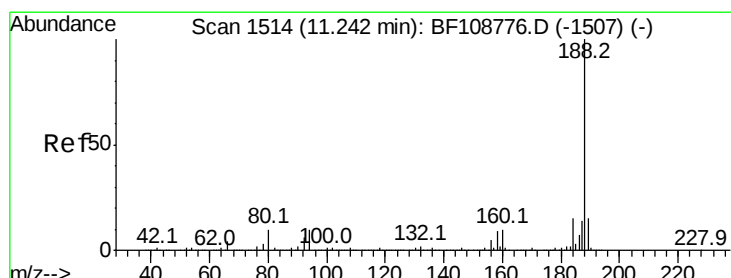
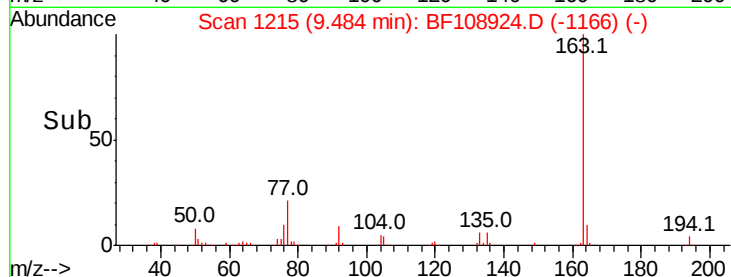
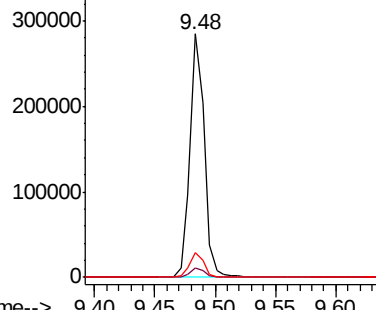
#49
Dimethylphthalate
Concen: 13.996 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108924.D
Acq: 11 Sep 2018 5:45

Instrument :
BNA_F
ClientSampleId :
090618-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2

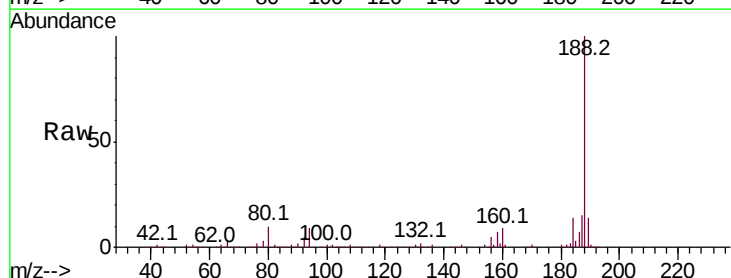


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

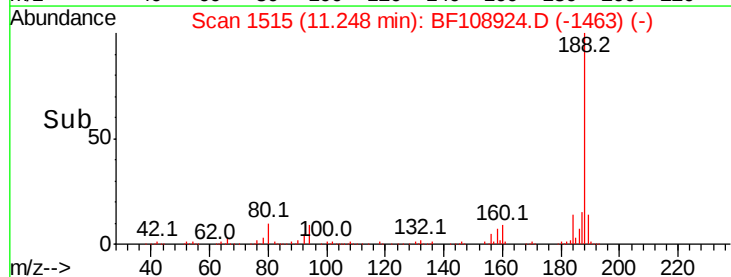
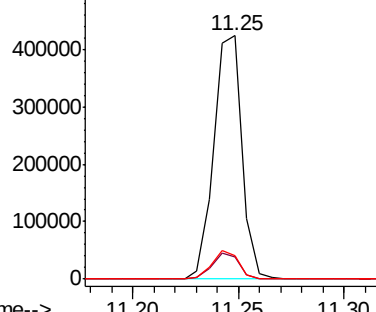


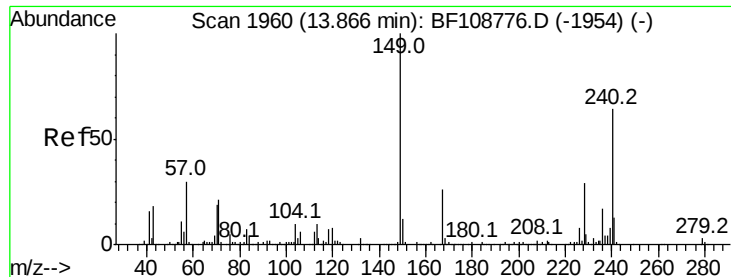
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108924.D
Acq: 11 Sep 2018 5:45

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



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108924.D

Acq: 11 Sep 2018 5:45

Instrument :

BNA_F

ClientSampleId :

090618-DBRI-E-U-S

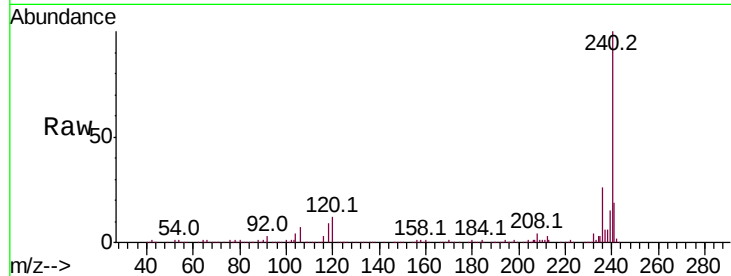
Tot Ion:240 Resp: 415207

Ion Ratio Lower Upper

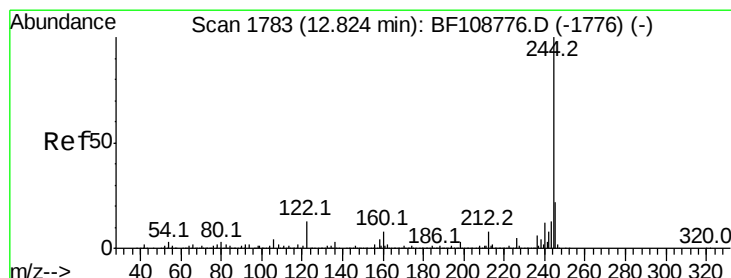
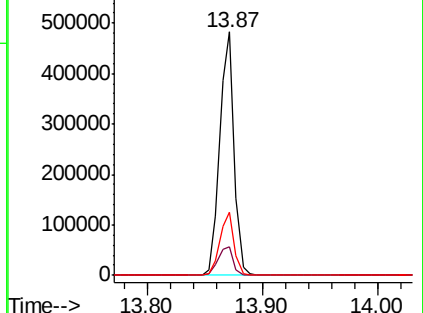
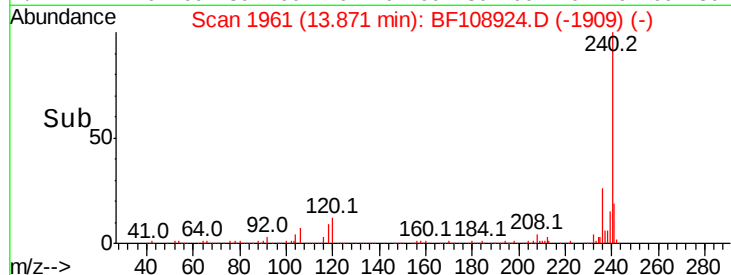
240 100

120 11.6 9.5 14.3

236 26.2 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



#78

Terphenyl-d14

Concen: 78.549 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108924.D

Acq: 11 Sep 2018 5:45

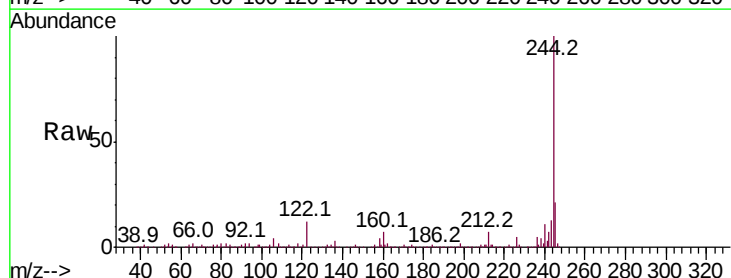
Tgt Ion:244 Resp: 1398604

Ion Ratio Lower Upper

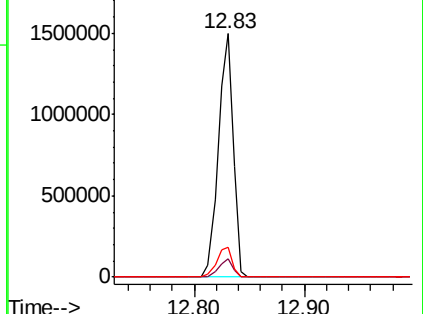
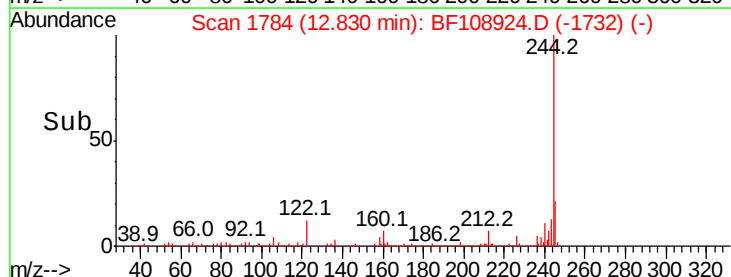
244 100

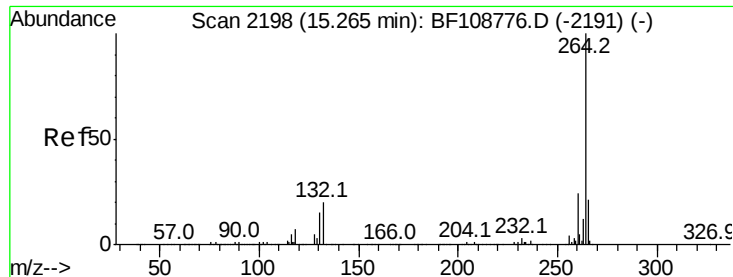
212 7.3 5.4 8.0

122 12.2 11.0 16.4



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

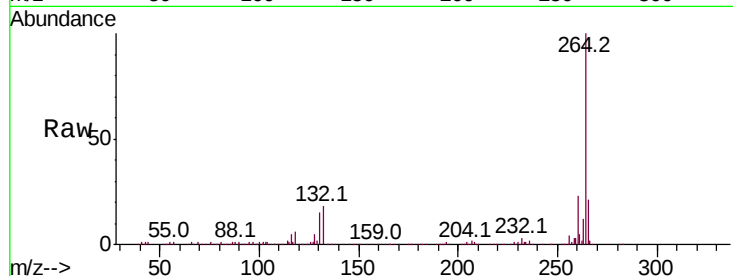




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF108924.D
 Acq: 11 Sep 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :
 090618-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.3	17.5	26.3



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

