

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108490.D
 Acq On : 25 Aug 2018 4:29
 Operator : JU/SJ
 Sample : J4636-02 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BYR-2-E(6-7)

Quant Time: Aug 25 05:56:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	131671	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	507879	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	239140	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	402126	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	294321	20.00	ng	-0.01
86) Perylene-d12	15.74	264	286964	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	117157	16.11	ng	-0.01
7) Phenol-d6	6.61	99	162250	16.79	ng	-0.02
23) Nitrobenzene-d5	7.55	82	103696	11.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	28500	11.95	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	209215	14.05	ng	-0.01
78) Terphenyl-d14	13.12	244	156489	13.52	ng	-0.01

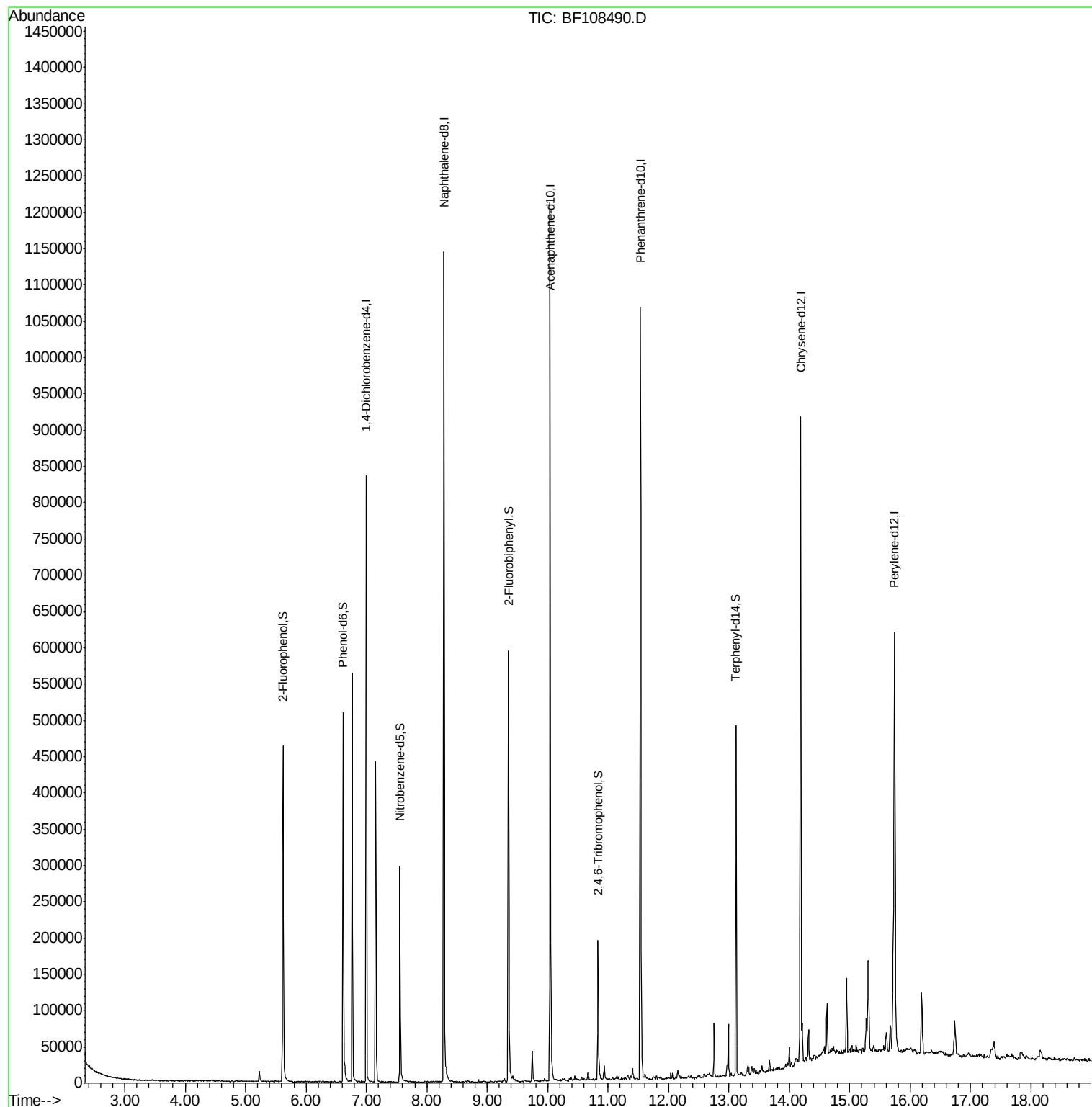
Target Compounds Qvalue

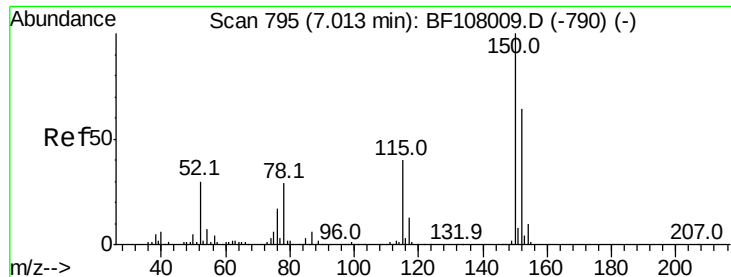
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.00 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF108490.D

Acq: 25 Aug 2018 4:29

Instrument :

BNA_F

ClientSampleId :

BYR-2-E(6-7)

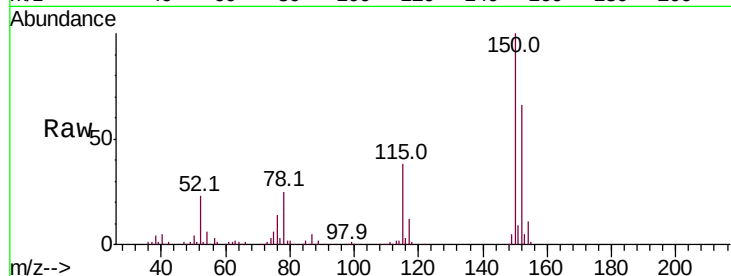
Tot Ion:152 Resp: 131671

Ion Ratio Lower Upper

152 100

150 151.7 124.6 186.8

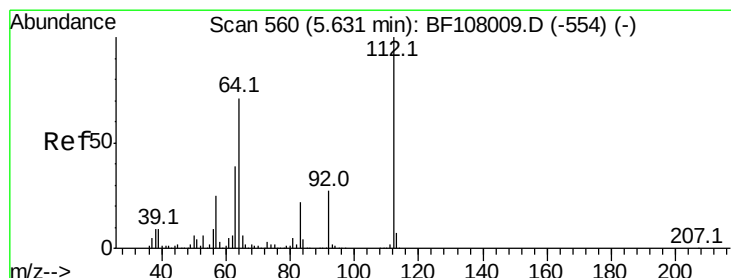
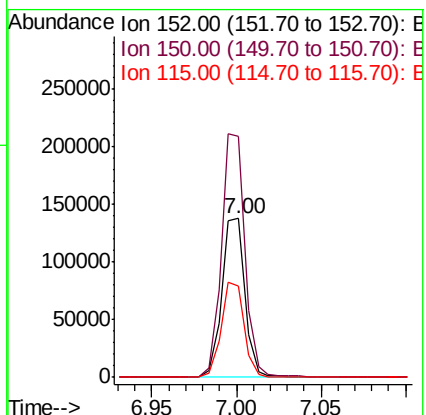
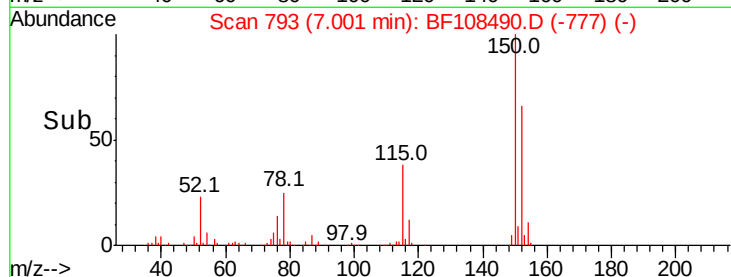
115 57.3 50.1 75.1



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: 16.109 ng

RT: 5.62 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF108490.D

Acq: 25 Aug 2018 4:29

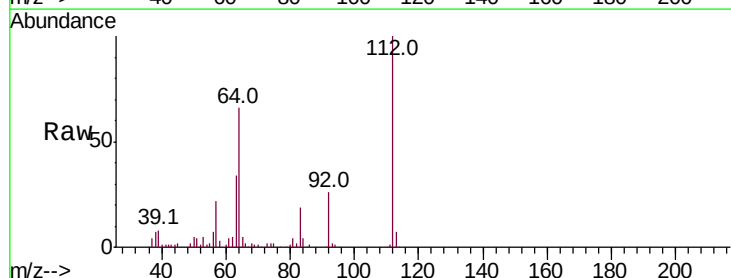
Tgt Ion:112 Resp: 117157

Ion Ratio Lower Upper

112 100

64 66.1 47.9 71.9

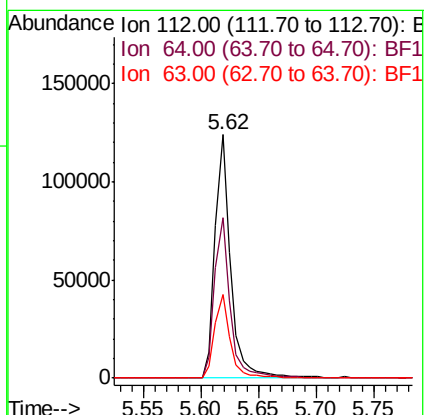
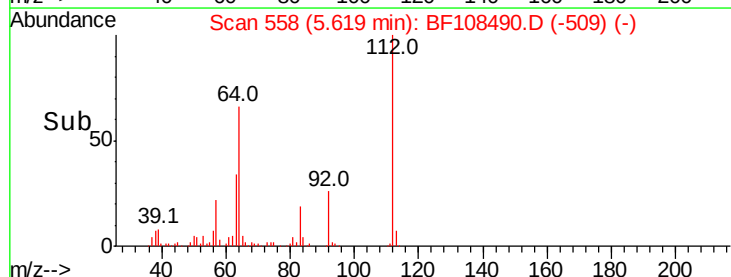
63 34.3 23.7 35.5

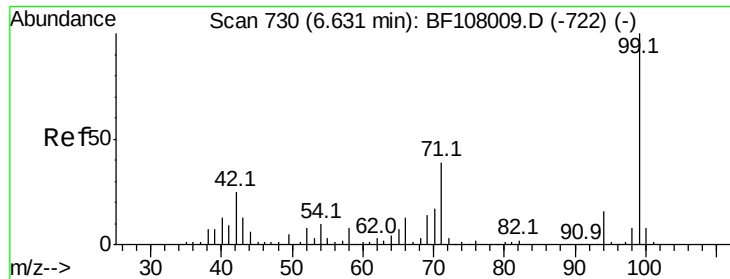


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 16.788 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108490.D

Acq: 25 Aug 2018 4:29

Instrument :

BNA_F

ClientSampleId :

BYR-2-E(6-7)

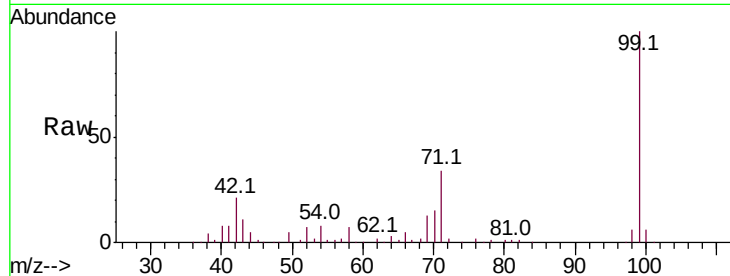
Tot Ion: 99 Resp: 162250

Ion Ratio Lower Upper

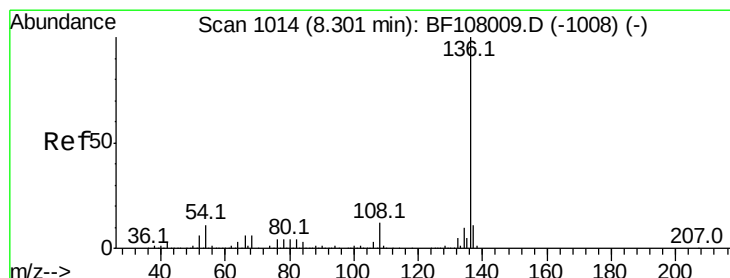
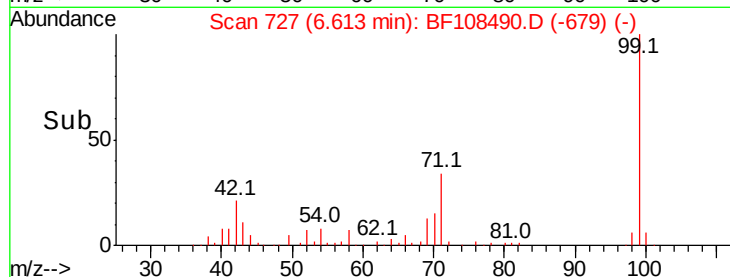
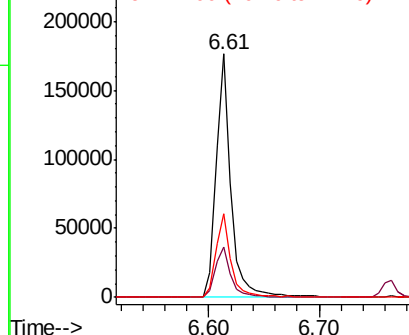
99 100

42 20.9 14.5 21.7

71 34.3 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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108490.D

Acq: 25 Aug 2018 4:29

Tgt Ion: 136 Resp: 507879

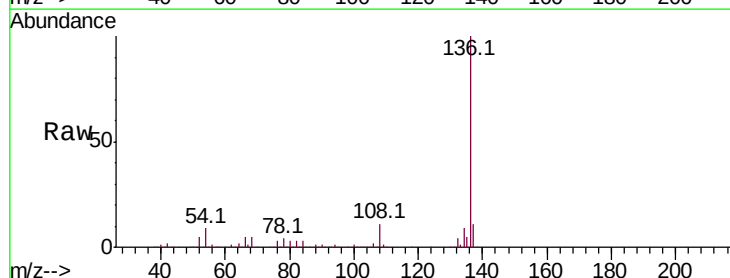
Ion Ratio Lower Upper

136 100

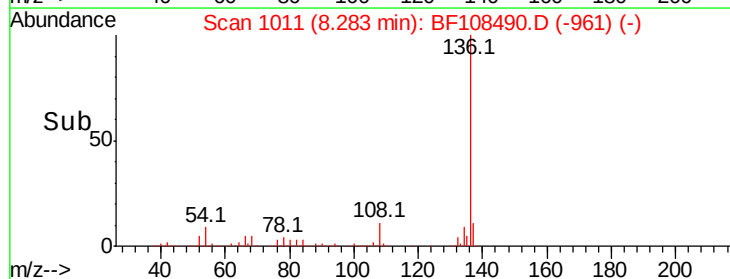
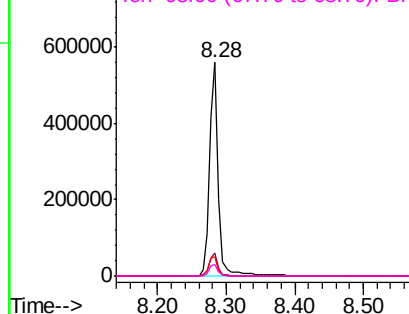
137 10.9 8.9 13.3

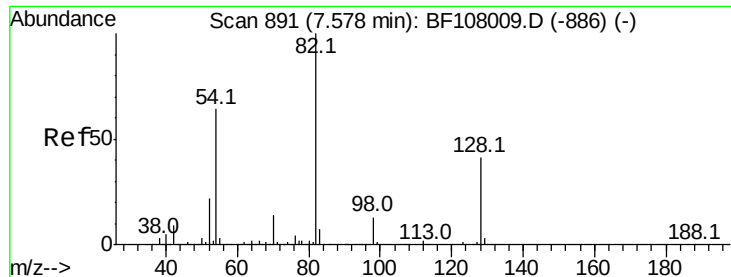
54 8.9 6.6 9.8

68 5.5 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

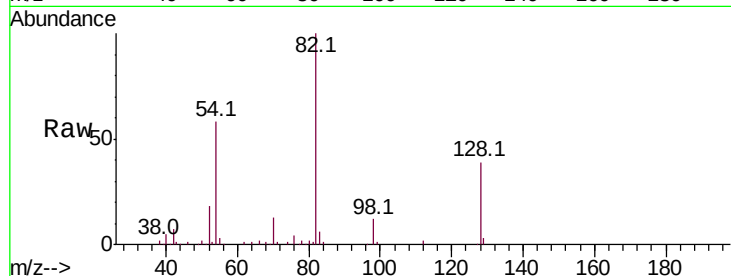




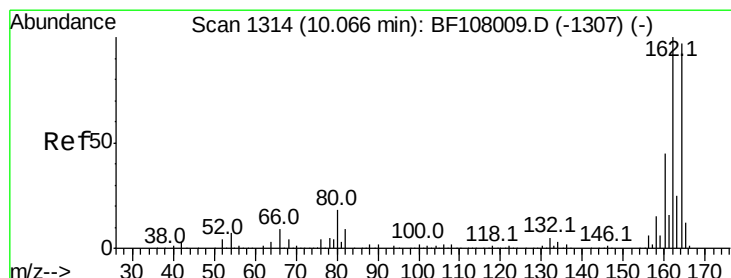
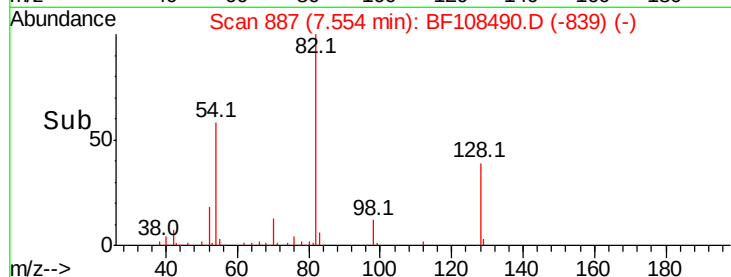
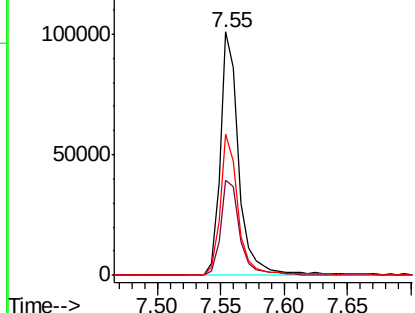
#23
 Nitrobenzene-d5
 Concen: 11.393 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF108490.D
 Acq: 25 Aug 2018 4:29

Instrument :
 BNA_F
 ClientSampleId :
 BYR-2-E(6-7)

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.2	36.1	54.1
54	57.8	41.4	62.2

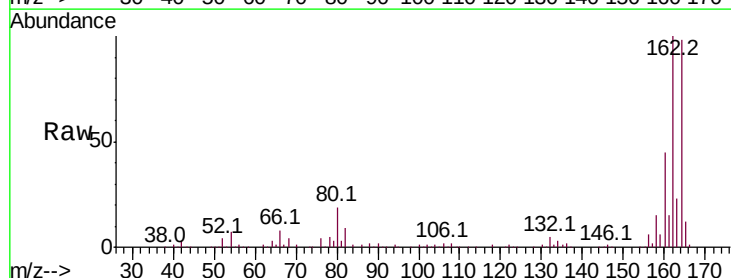


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

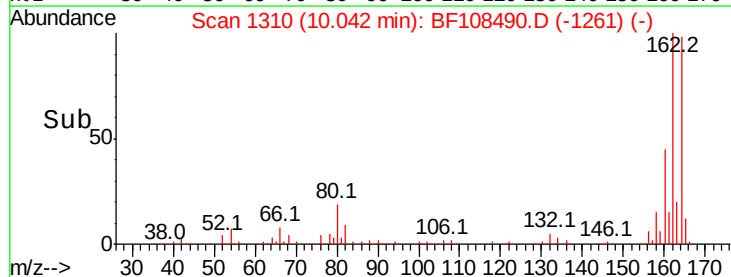
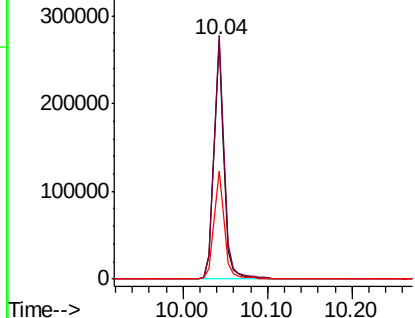


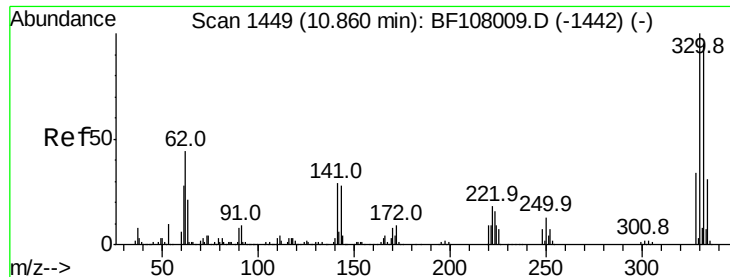
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108490.D
 Acq: 25 Aug 2018 4:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	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

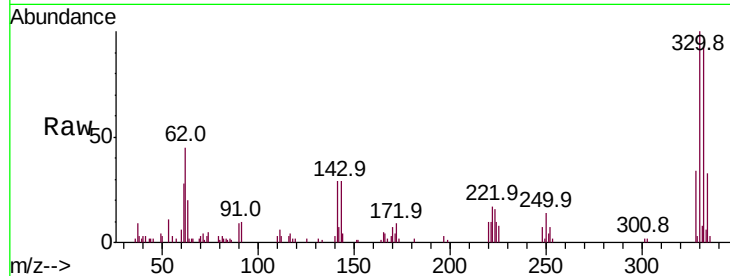




#41
 2,4,6-Tribromophenol
 Concen: 11.948 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108490.D
 Acq: 25 Aug 2018 4:29

Instrument :
 BNA_F
 ClientSampleId :
 BYR-2-E(6-7)

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.0	115.6
141	34.0	29.9	44.9

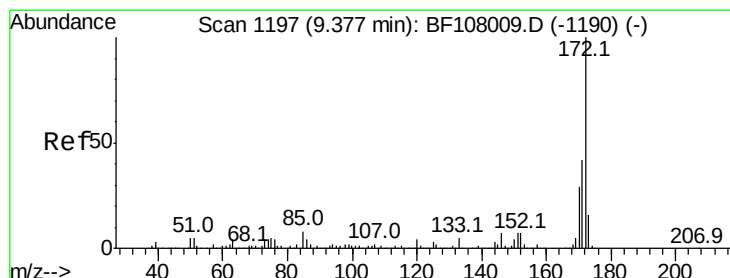
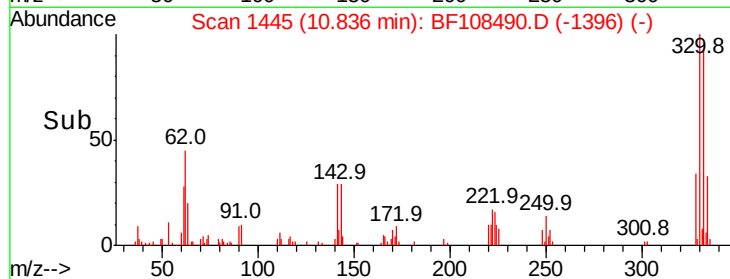
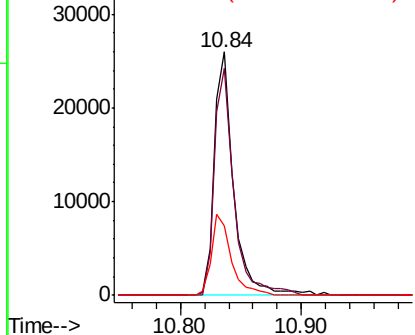


Abundance

Ion 329.80 (329.50 to 330.50): E

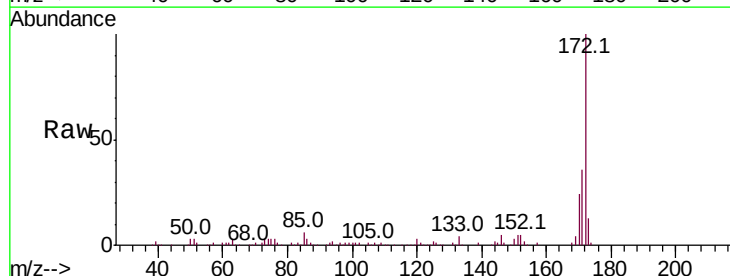
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 14.046 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108490.D
 Acq: 25 Aug 2018 4:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.9	19.6	29.4

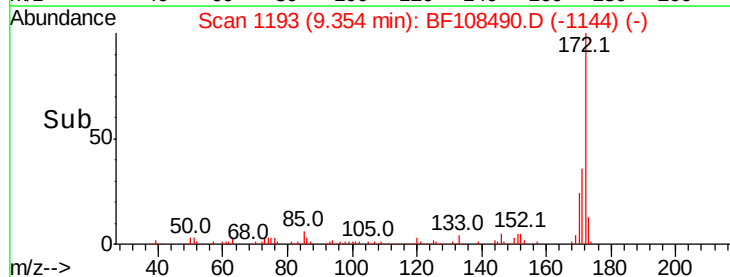
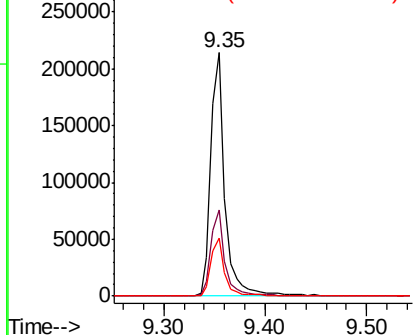


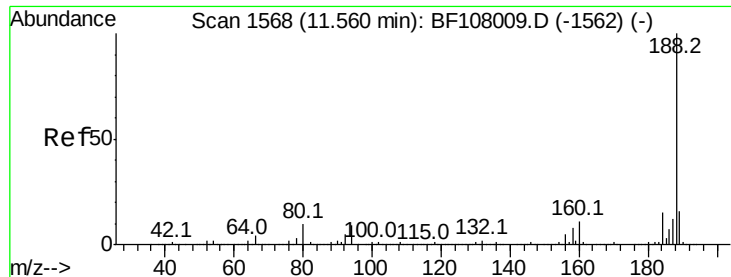
Abundance

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

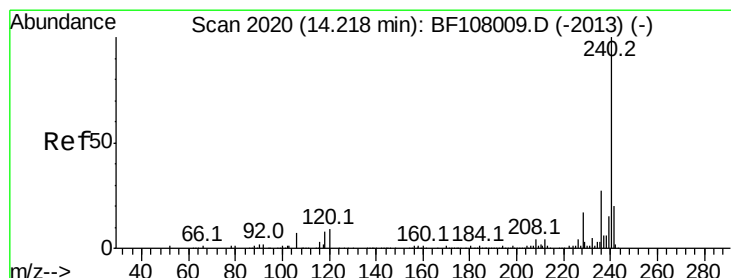
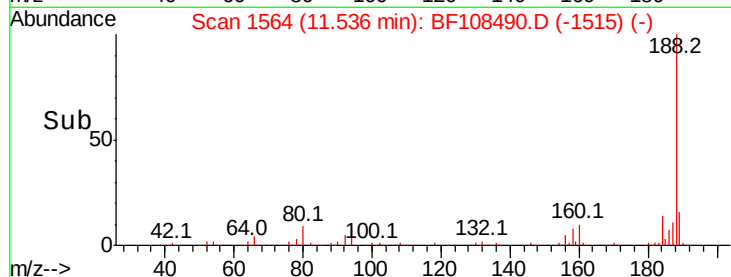
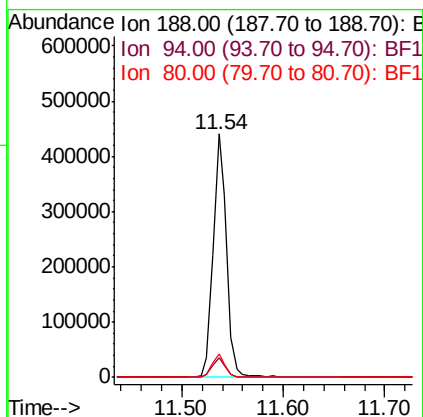
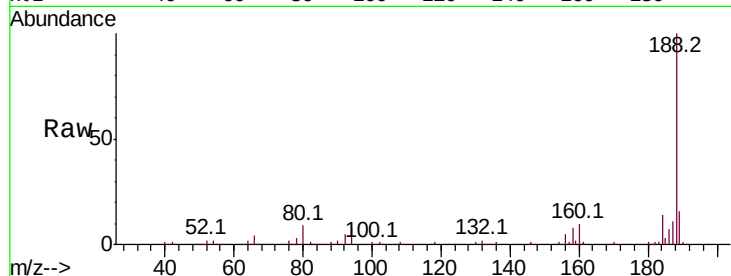




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108490.D
Acq: 25 Aug 2018 4:29

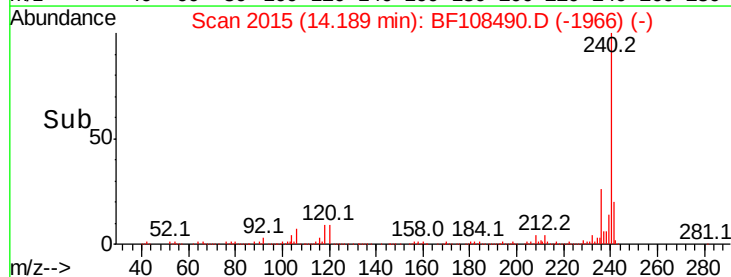
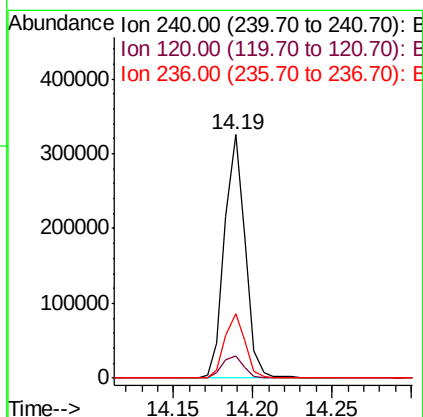
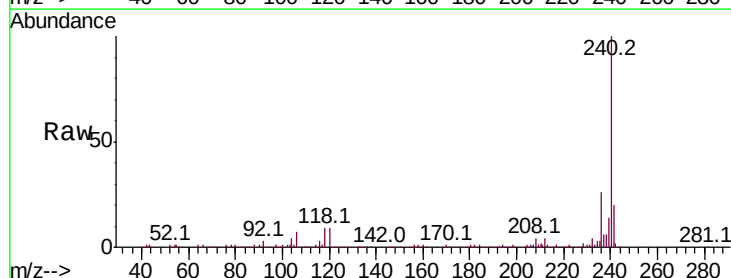
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BYR-2-E(6-7)

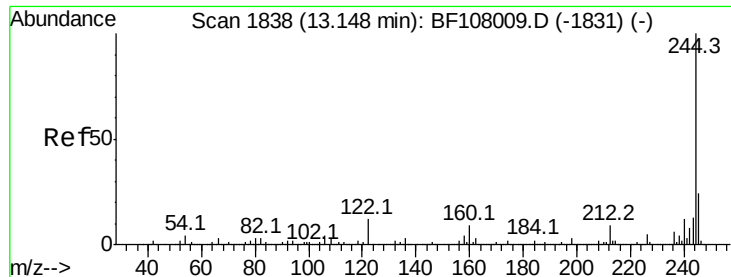
Tot Ion:188 Resp: 402126
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108490.D
Acq: 25 Aug 2018 4:29

Tgt Ion:240 Resp: 294321
Ion Ratio Lower Upper
240 100
120 9.0 9.5 14.3#
236 26.3 20.7 31.1

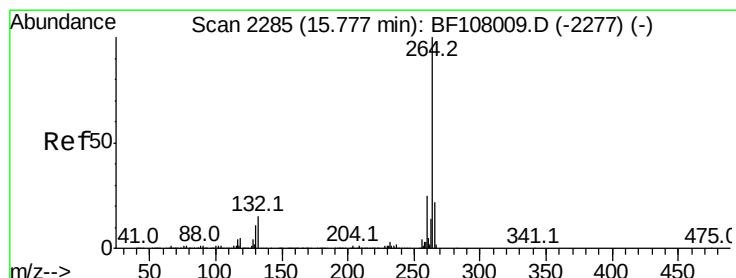
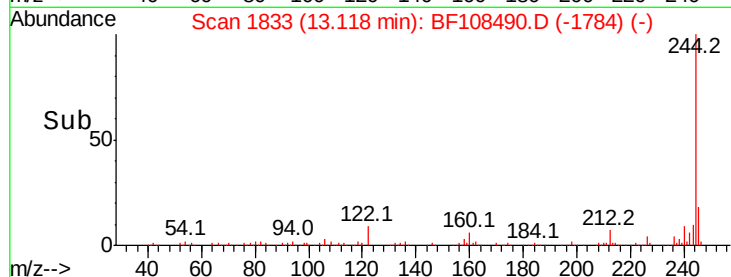
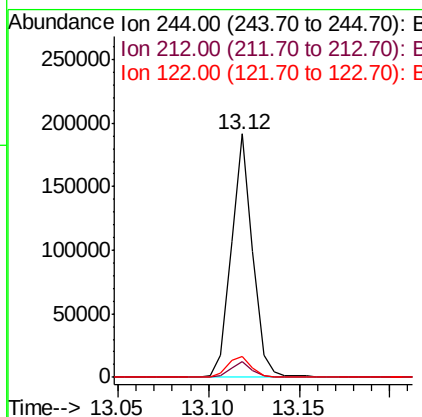
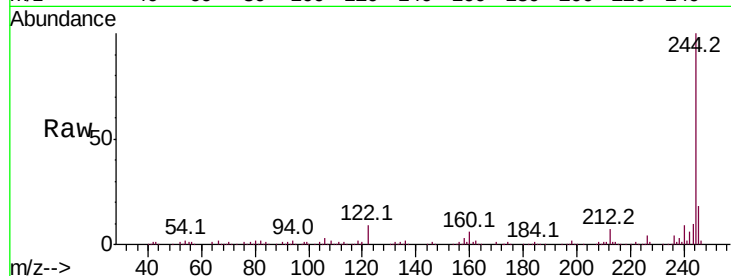




#78
 Terphenyl-d14
 Concen: 13.519 ng
 RT: 13.12 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF108490.D
 Acq: 25 Aug 2018 4:29

Instrument :
 BNA_F
 ClientSampleId :
 BYR-2-E(6-7)

Tot Ion:244 Resp: 156489
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 8.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108490.D
 Acq: 25 Aug 2018 4:29

Tgt Ion:264 Resp: 286964
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.9 17.5 26.3

