

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108489.D
 Acq On : 25 Aug 2018 4:02
 Operator : JU/SJ
 Sample : J4636-01 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BYR-2-E(0-1)

Quant Time: Aug 25 05:51:25 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	140073	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	539029	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	248596	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	410673	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	323583	20.00	ng	-0.01
86) Perylene-d12	15.75	264	324527	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	53176	6.87	ng	-0.01
7) Phenol-d6	6.61	99	74461	7.24	ng	-0.02
23) Nitrobenzene-d5	7.55	82	46976	4.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	11729	4.73	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	90275	5.83	ng	-0.01
78) Terphenyl-d14	13.12	244	60117	4.72	ng	-0.01

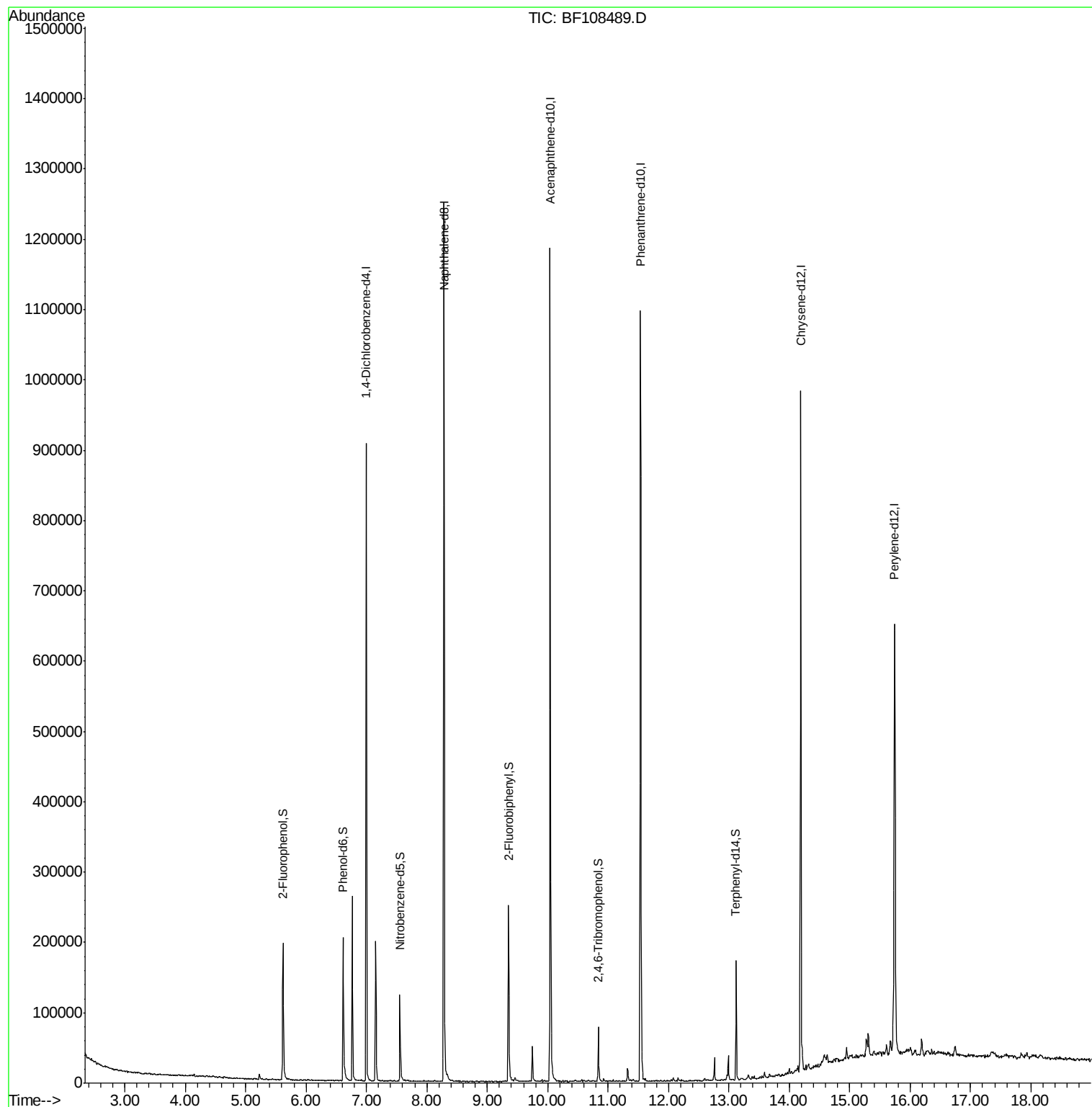
Target Compounds Qvalue

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

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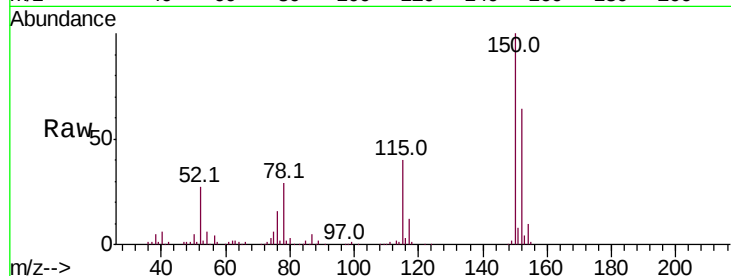


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Instrument :
BNA_F
ClientSampleId :
BYR-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	62.5	50.1	75.1

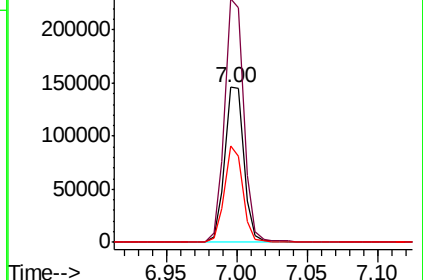
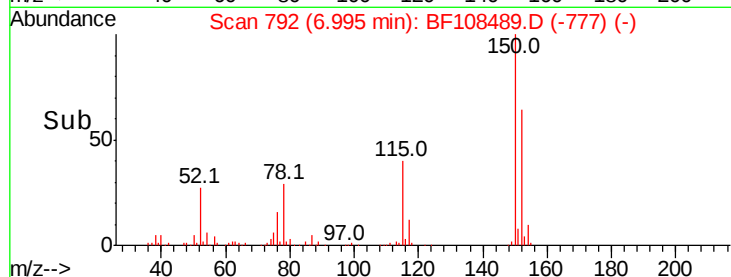


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

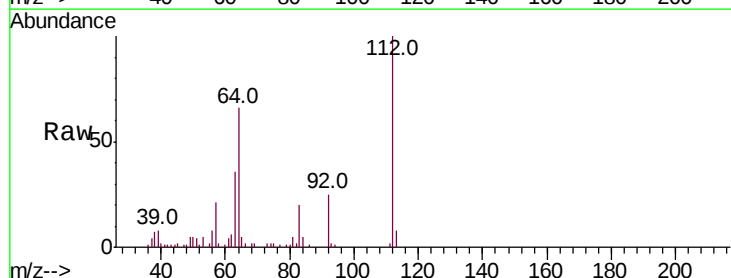
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 6.873 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	35.6	23.7	35.5#

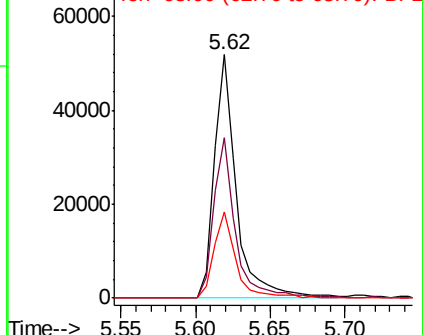
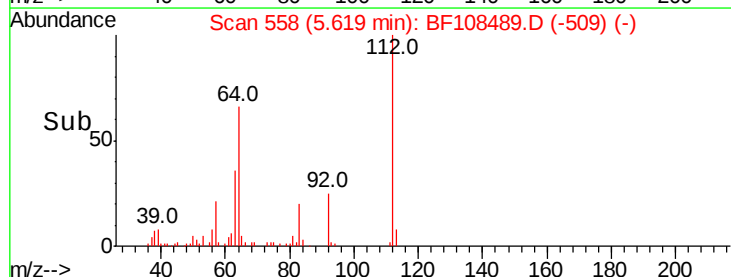


Abundance

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: 7.242 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108489.D

Acq: 25 Aug 2018 4:02

Instrument :

BNA_F

ClientSampleId :

BYR-2-E(0-1)

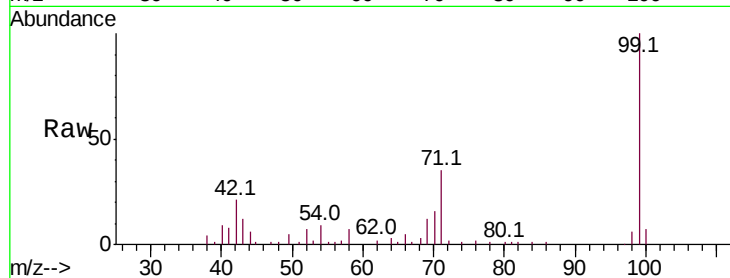
Tot Ion: 99 Resp: 74461

Ion Ratio Lower Upper

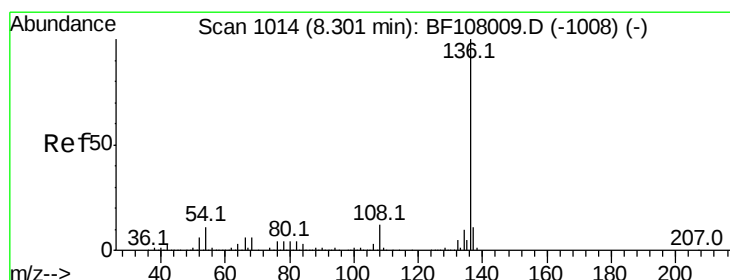
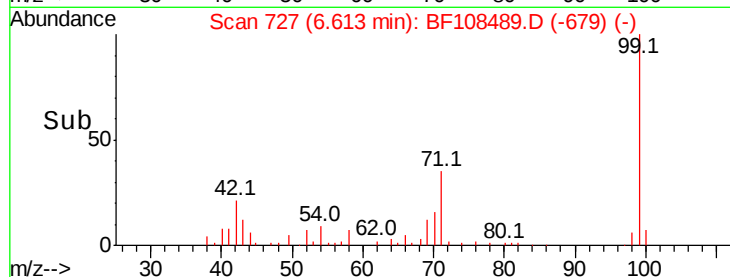
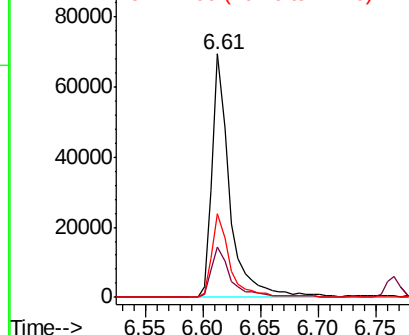
99 100

42 20.8 14.5 21.7

71 34.5 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: BF108489.D

Acq: 25 Aug 2018 4:02

Tgt Ion: 136 Resp: 539029

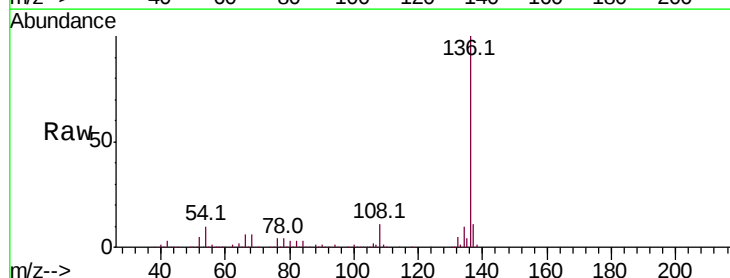
Ion Ratio Lower Upper

136 100

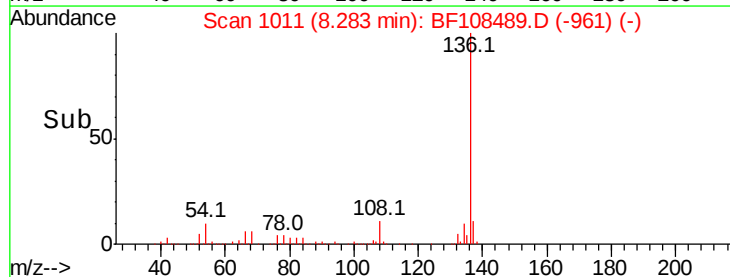
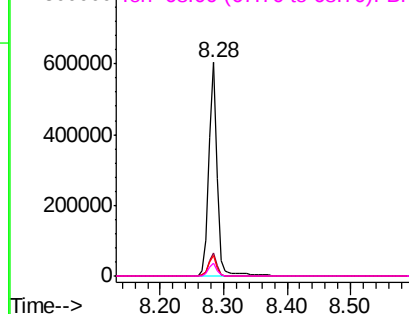
137 10.8 8.9 13.3

54 9.7 6.6 9.8

68 5.8 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

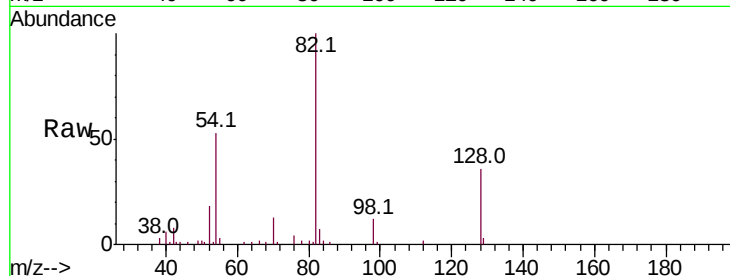




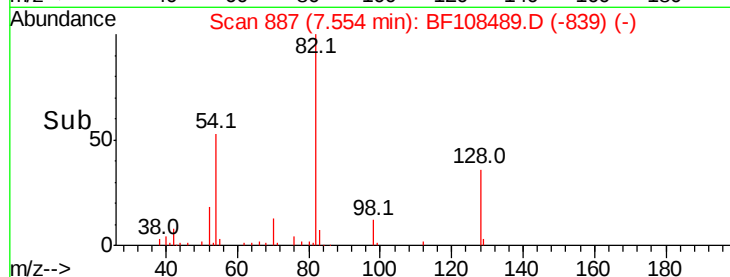
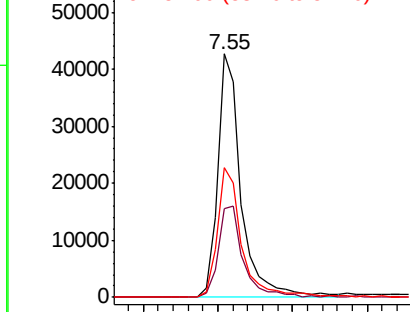
#23
Nitrobenzene-d5
Concen: 4.863 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Instrument :
BNA_F
ClientSampleId :
BYR-2-E(0-1)

Tot Ion: 82 Resp: 46976
Ion Ratio Lower Upper
82 100
128 36.4 36.1 54.1
54 53.1 41.4 62.2

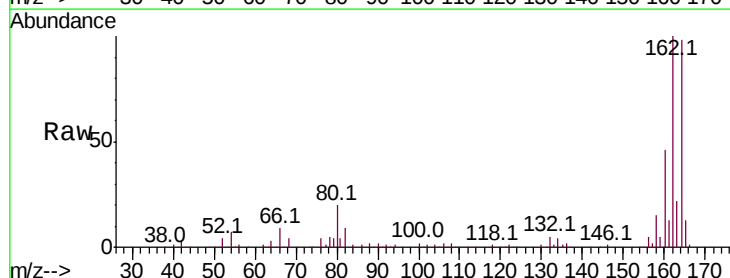


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

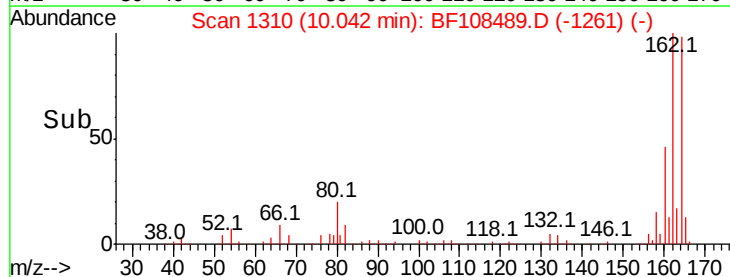
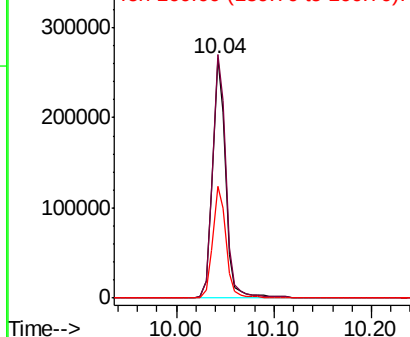


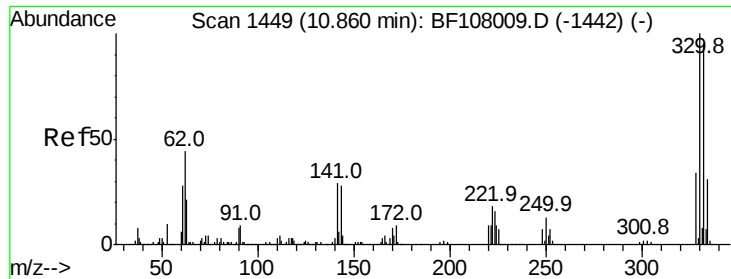
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Tgt Ion:164 Resp: 248596
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): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

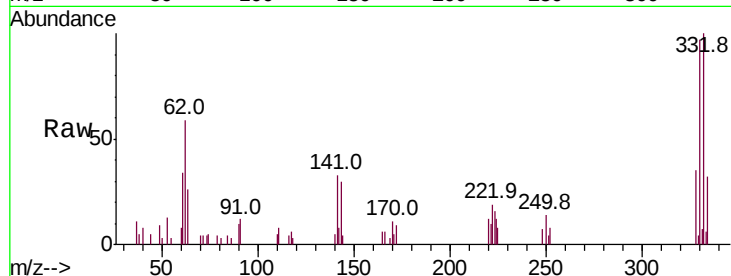




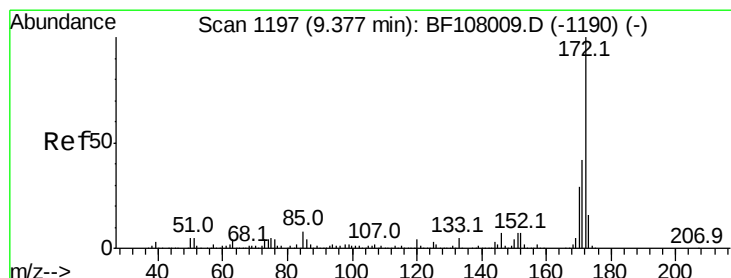
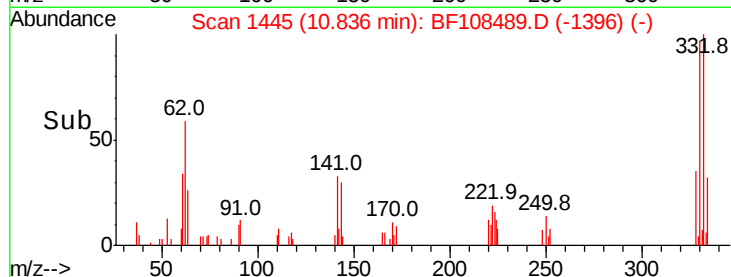
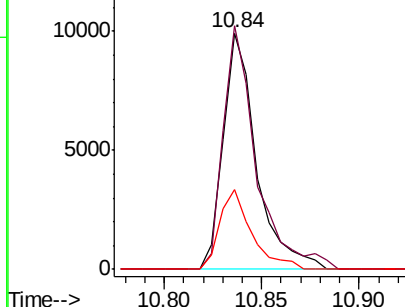
#41
 2,4,6-Tribromophenol
 Concen: 4.730 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108489.D
 Acq: 25 Aug 2018 4:02

Instrument :
 BNA_F
 ClientSampleId :
 BYR-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.1	77.0	115.6
141	32.4	29.9	44.9

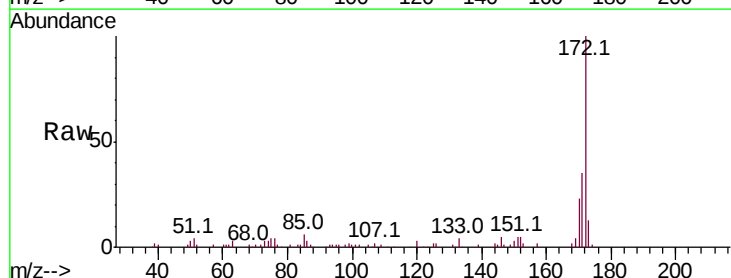


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

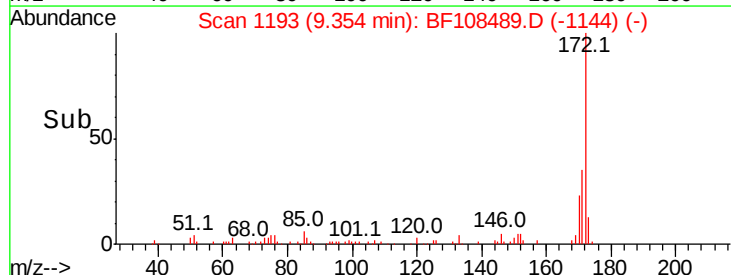
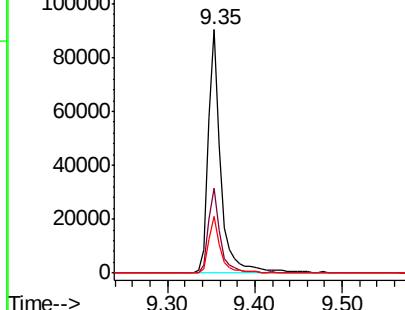


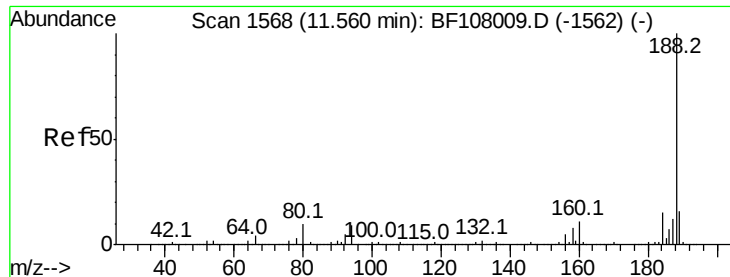
#44
 2-Fluorobiphenyl
 Concen: 5.830 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108489.D
 Acq: 25 Aug 2018 4:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.2	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF108489.D

Acq: 25 Aug 2018 4:02

Instrument :

BNA_F

ClientSampleId :

BYR-2-E(0-1)

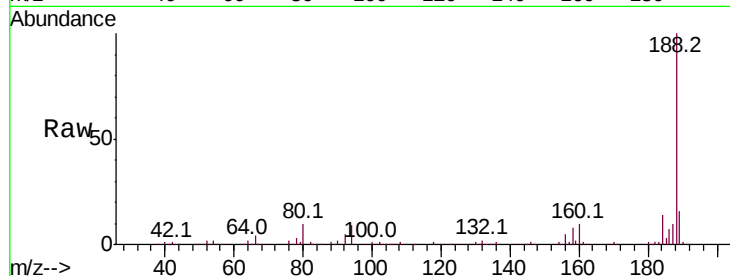
Tot Ion:188 Resp: 410673

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

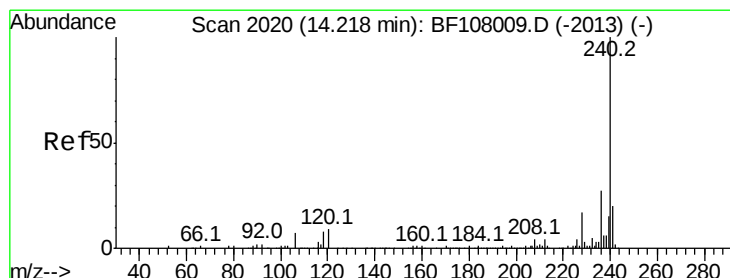
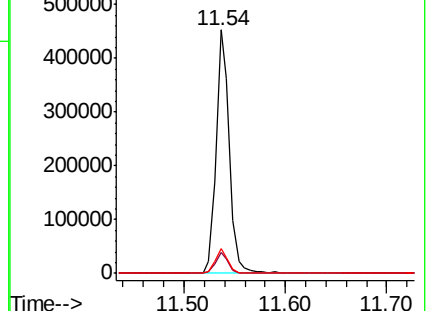
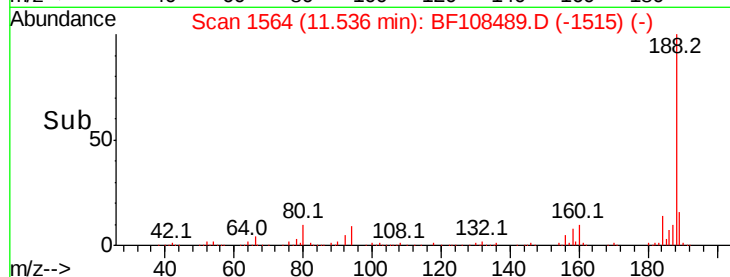
80 10.1 9.2 13.8



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: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108489.D

Acq: 25 Aug 2018 4:02

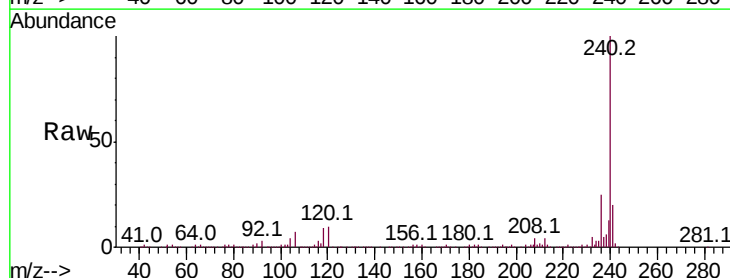
Tgt Ion:240 Resp: 323583

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

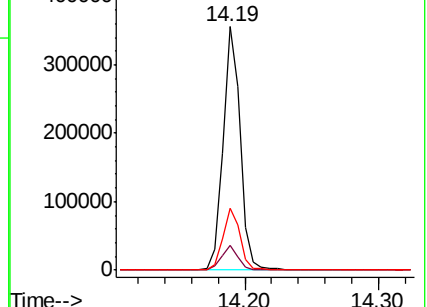
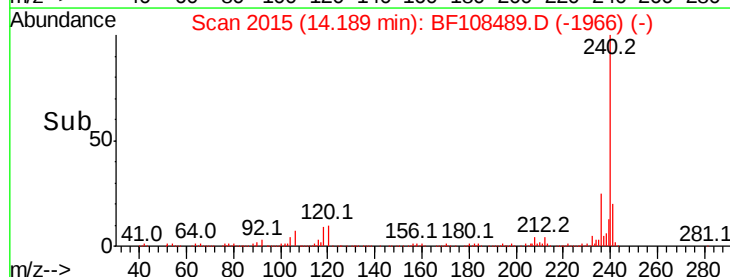
236 25.3 20.7 31.1

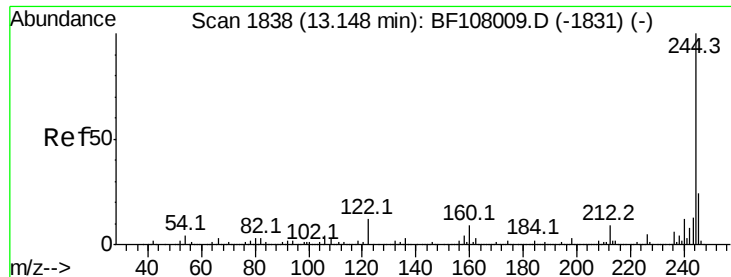


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 4.724 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108489.D

Acq: 25 Aug 2018 4:02

Instrument :

BNA_F

ClientSampleId :

BYR-2-E(0-1)

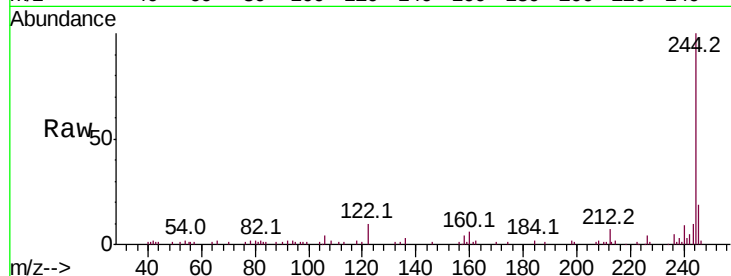
Tot Ion:244 Resp: 60117

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

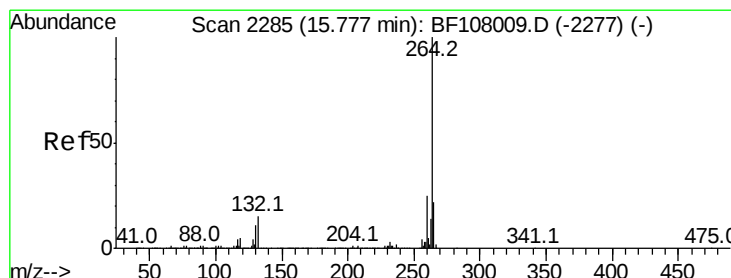
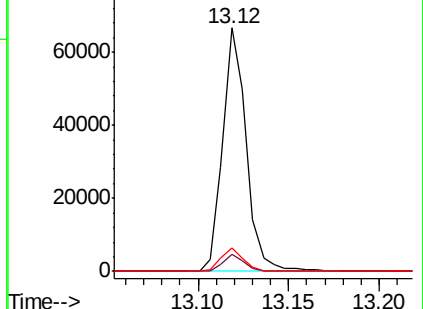
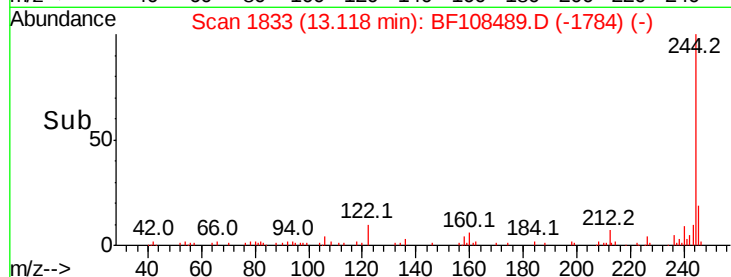
122 9.6 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108489.D

Acq: 25 Aug 2018 4:02

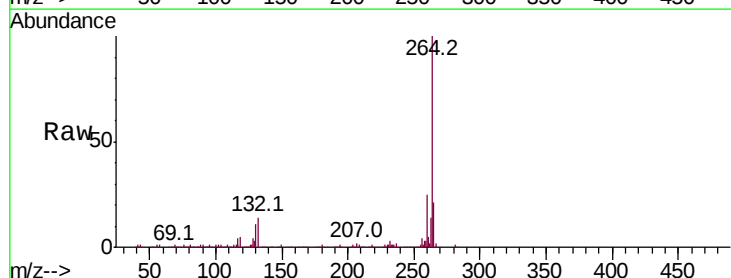
Tgt Ion:264 Resp: 324527

Ion Ratio Lower Upper

264 100

260 24.5 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

