

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
 Data File : BF092188.D
 Acq On : 10 Jan 2017 18:04
 Operator : UM/SJ
 Sample : PB95858BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95858BL

Quant Time: Jan 11 00:10:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	146676	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	622257	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	321226	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	556318	20.00	ng	0.00
75) Chrysene-d12	13.80	240	513678	20.00	ng	0.01
86) Perylene-d12	15.18	264	413779	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1325438	150.89	ng	0.01
7) Phenol-d6	6.31	99	1553095	144.81	ng	0.00
23) Nitrobenzene-d5	7.20	82	894326	79.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	355930	133.89	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1743028	115.86	ng	0.00
78) Terphenyl-d14	12.76	244	1768473	83.50	ng	0.01

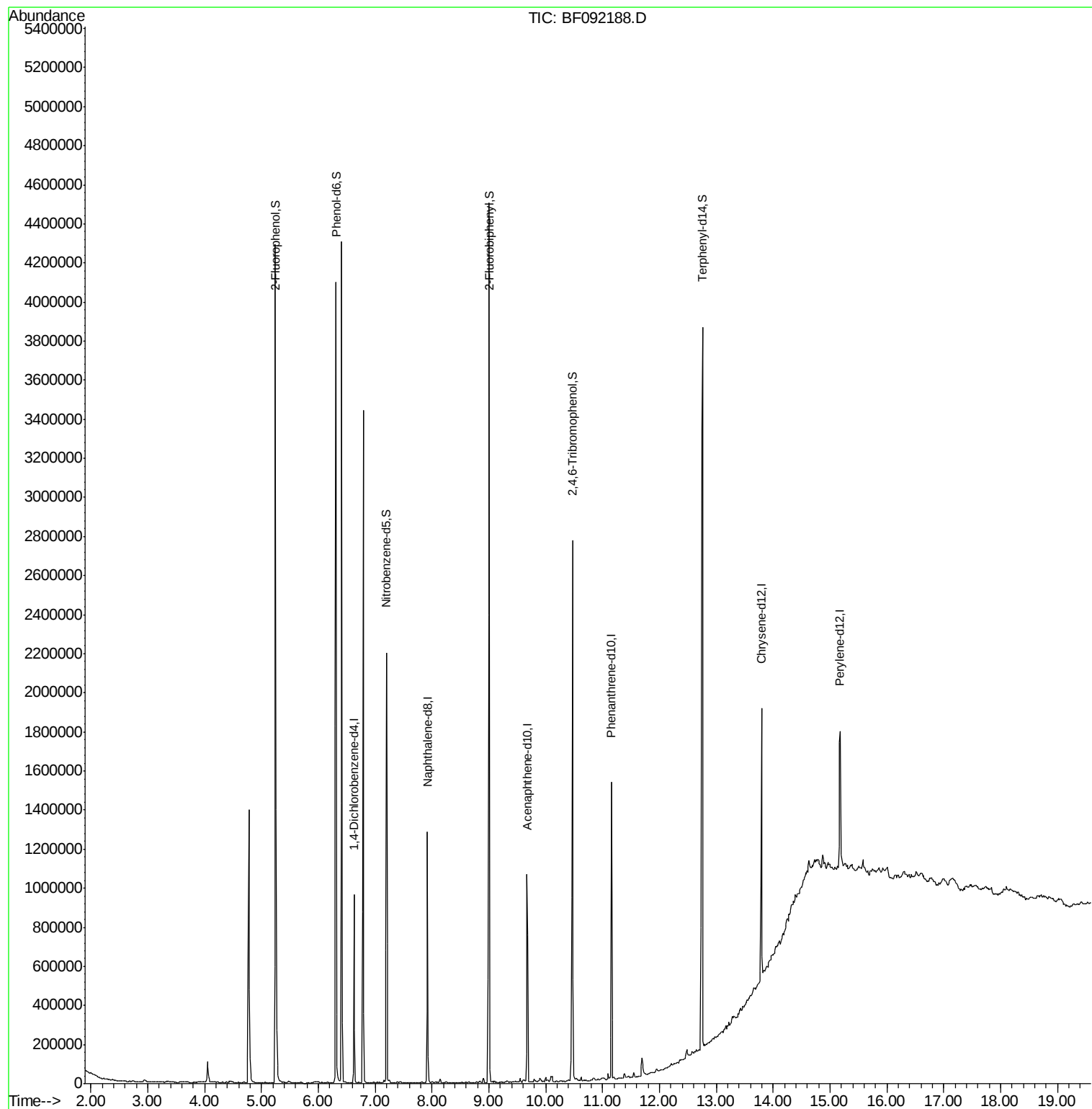
Target Compounds Qvalue

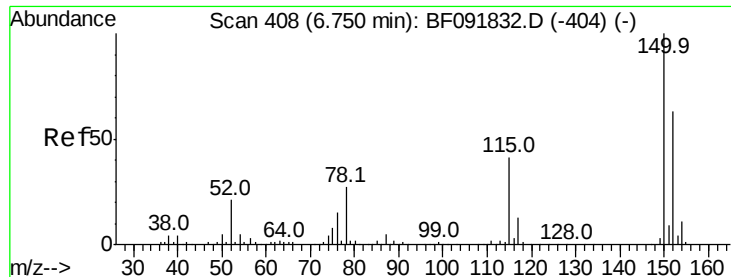
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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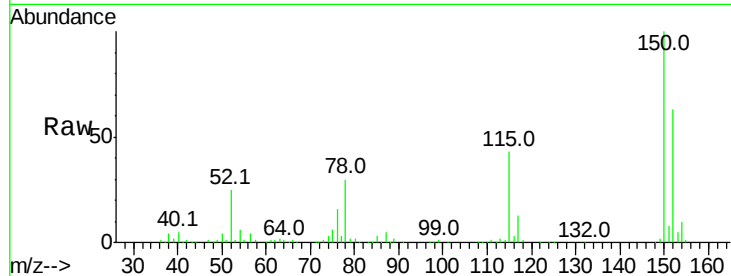


#1

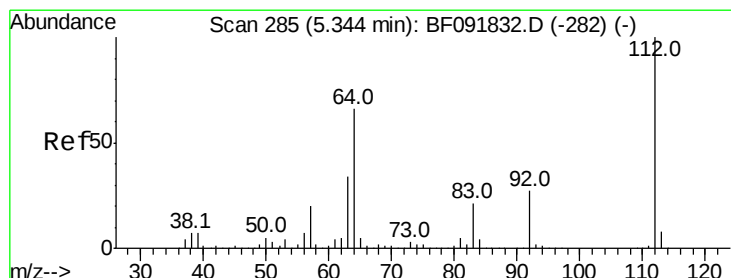
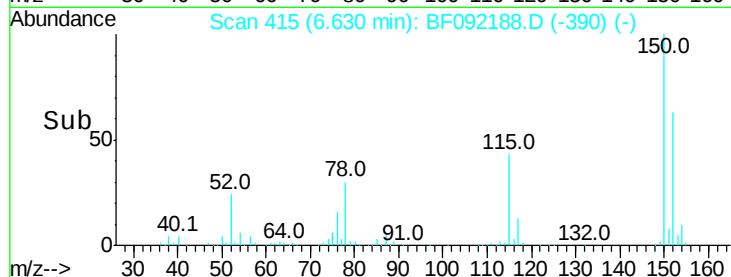
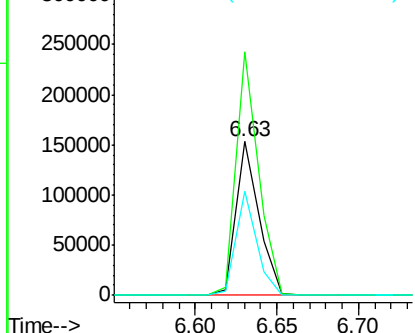
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB95858BL

Tot Ion:152 Resp: 146676
Ion Ratio Lower Upper
152 100
150 158.5 124.9 187.3
115 67.4 46.0 69.0



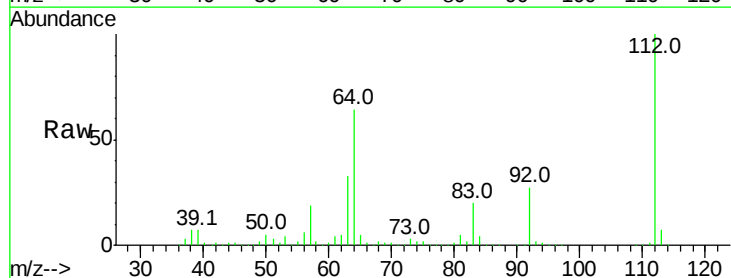
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



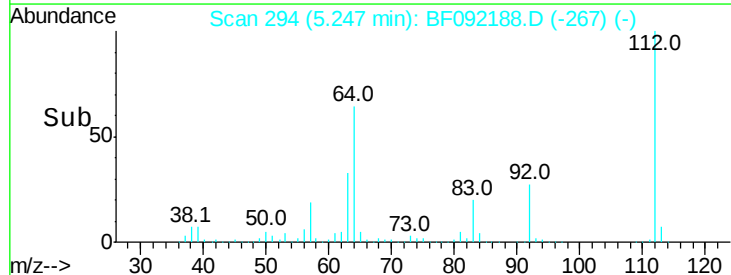
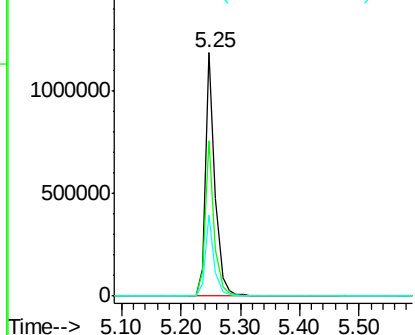
#5

2-Fluorophenol
Concen: 150.89 ng
RT: 5.25 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Tgt Ion:112 Resp: 1325438
Ion Ratio Lower Upper
112 100
64 63.9 46.1 69.1
63 33.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 144.81 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092188.D

Acq: 10 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB95858BL

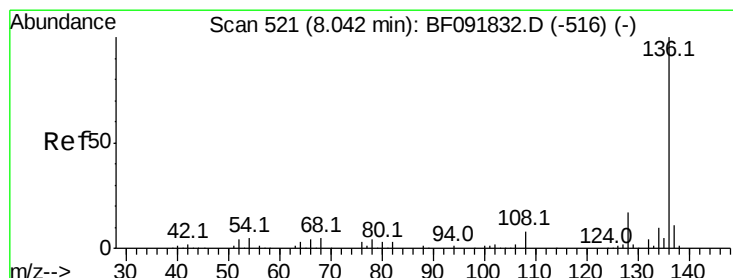
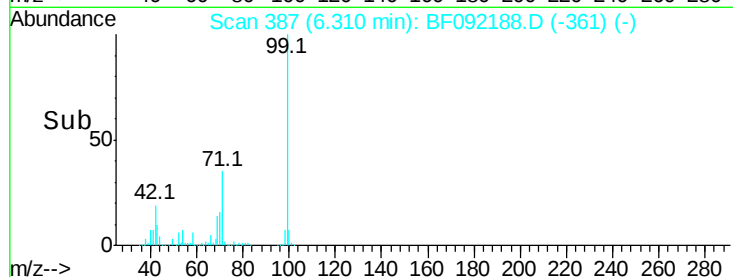
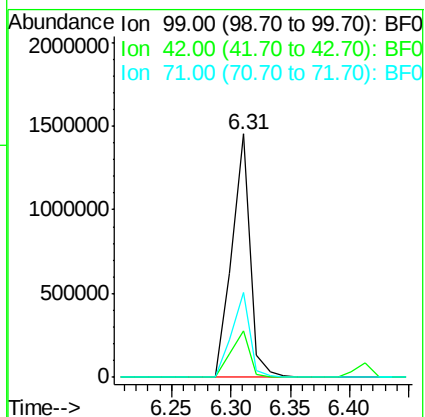
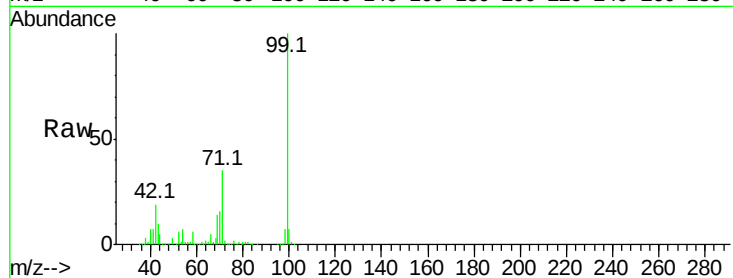
Tot Ion: 99 Resp: 1553095

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

71 34.9 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF092188.D

Acq: 10 Jan 2017 18:04

Tgt Ion: 136 Resp: 622257

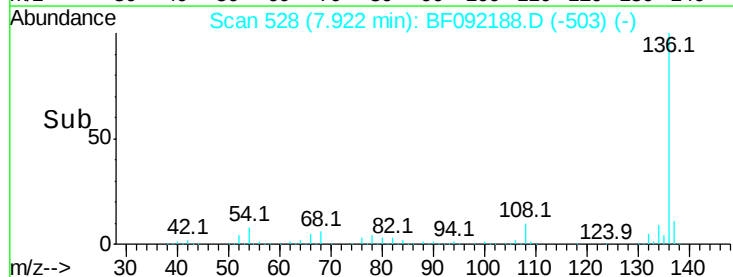
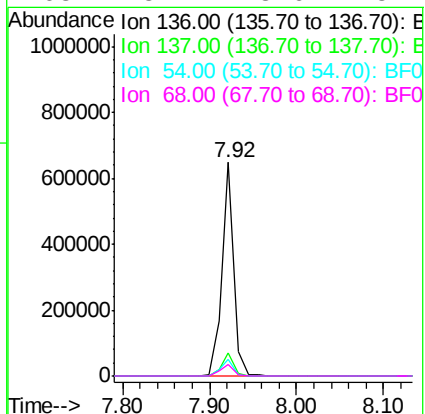
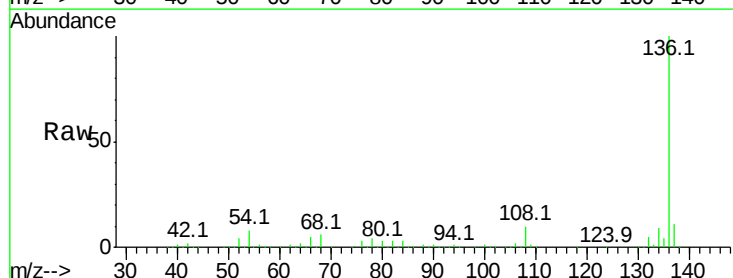
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 7.7 4.5 6.7#

68 5.7 3.6 5.4#

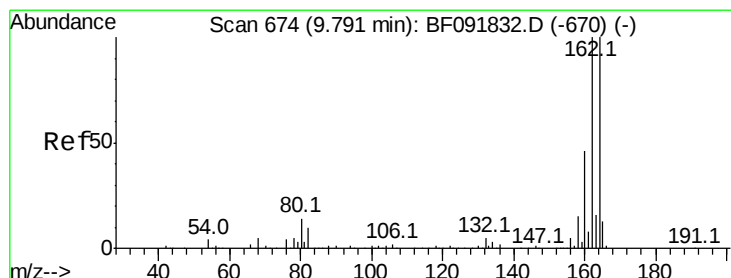
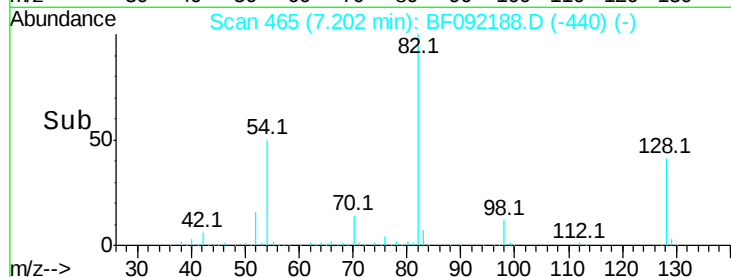
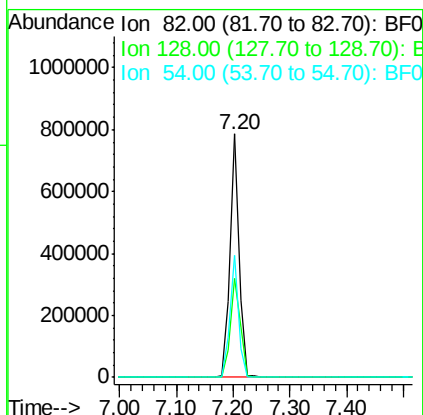
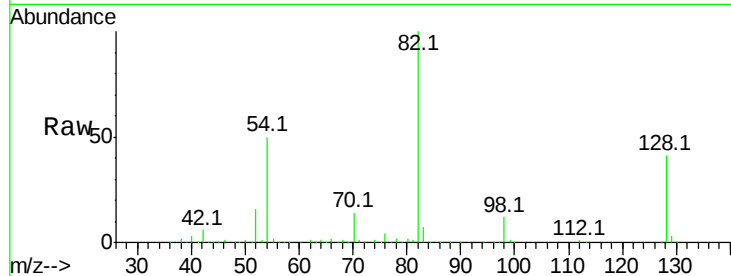




#23
Nitrobenzene-d5
Concen: 79.92 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

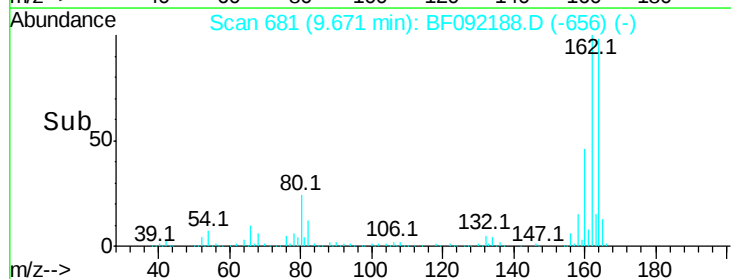
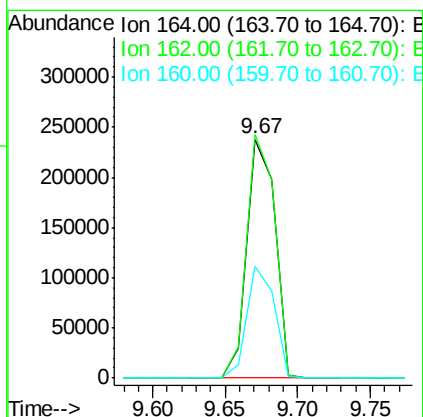
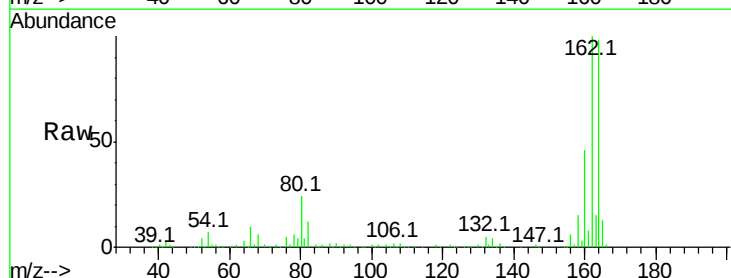
Instrument :
BNA_F
ClientSampleId :
PB95858BL

Tot Ion	82	Resp	894326
Ion Ratio	100		
Lower	34.6		
Upper	52.0		
54	50.1	39.5	59.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Tgt Ion	164	Resp	321226
Ion Ratio	100		
Lower	80.2		
Upper	120.2		
162	102.0	36.9	55.3

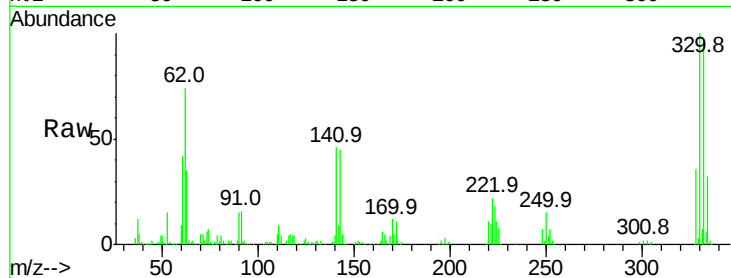




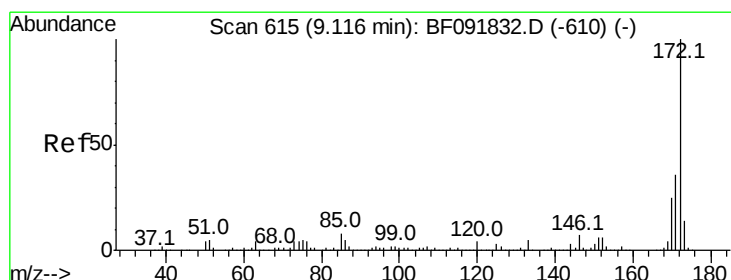
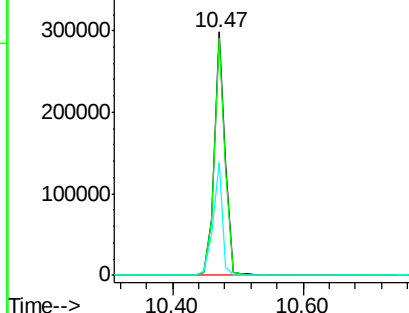
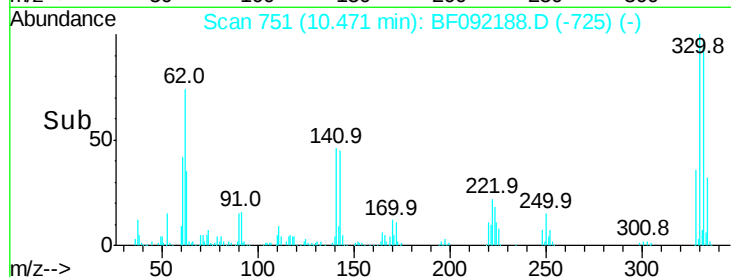
#41
 2,4,6-Tribromophenol
 Concen: 133.89 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092188.D
 Acq: 10 Jan 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB95858BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	39.8	34.1	51.1

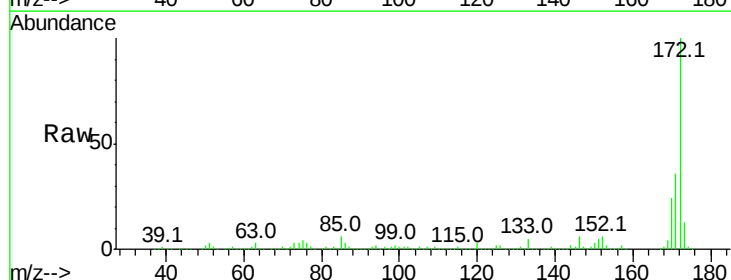


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

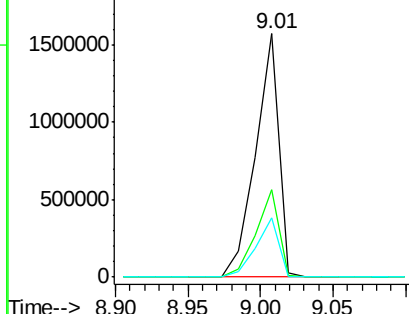
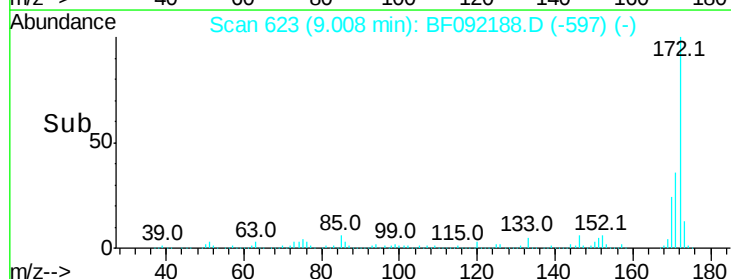


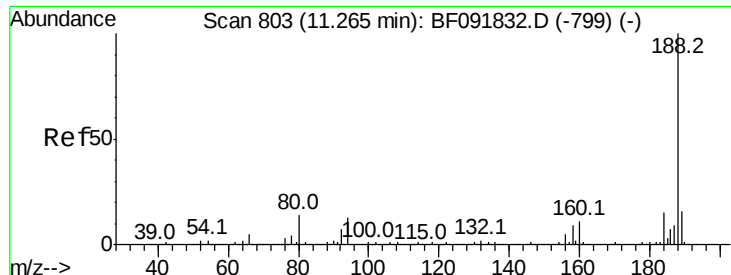
#44
 2-Fluorobiphenyl
 Concen: 115.86 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092188.D
 Acq: 10 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.4	20.2	30.4



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

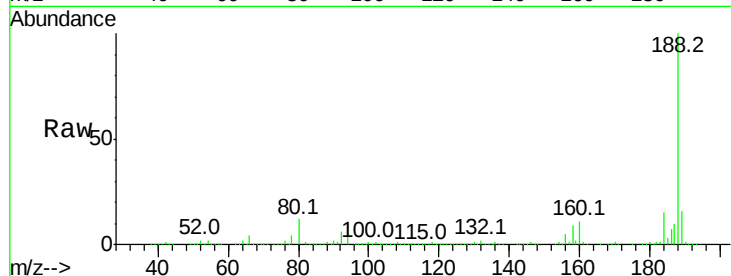




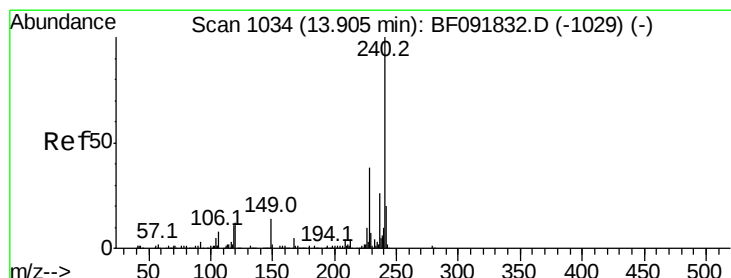
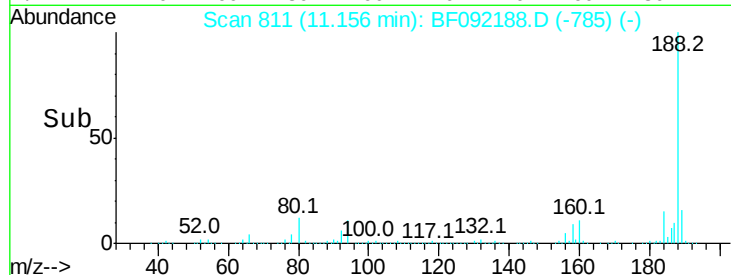
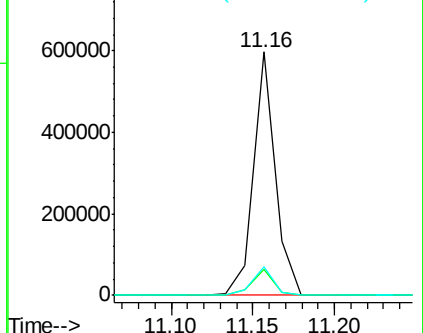
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB95858BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	10.0	15.0
80	11.8	11.2	16.8

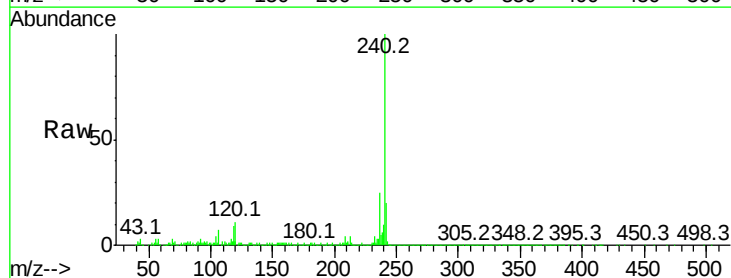


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

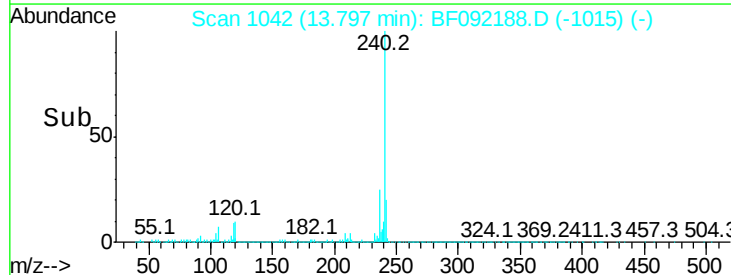
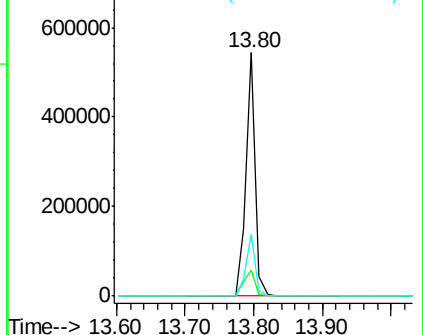


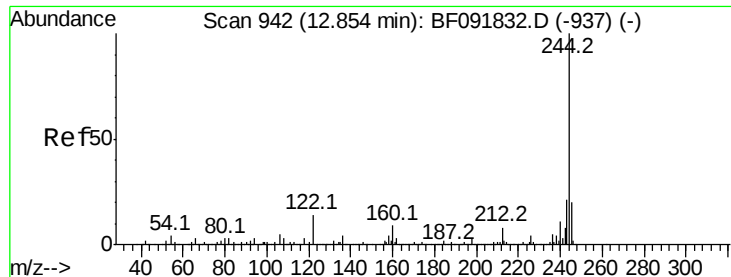
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF092188.D
Acq: 10 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	12.9	19.3#
236	25.5	20.9	31.3



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: 83.50 ng

RT: 12.76 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF092188.D

Acq: 10 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB95858BL

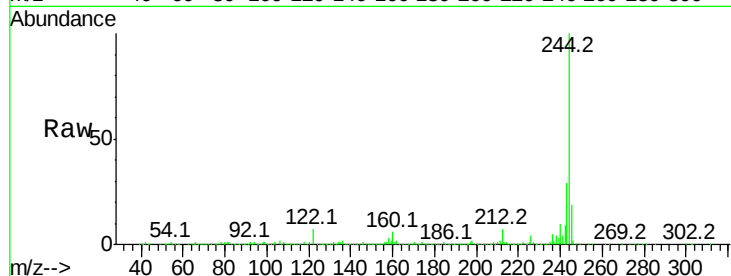
Tot Ion:244 Resp: 1768473

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

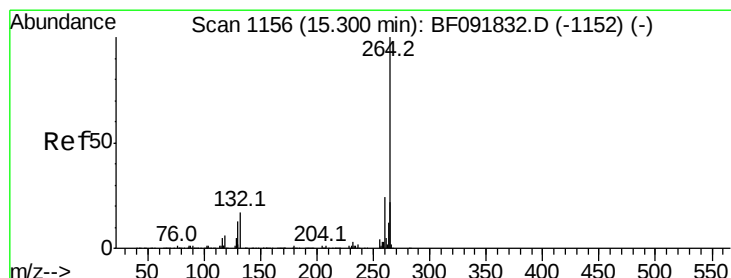
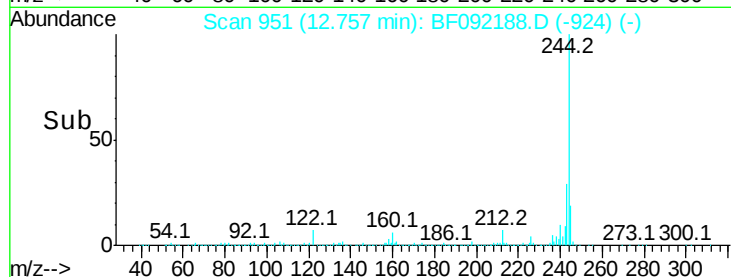
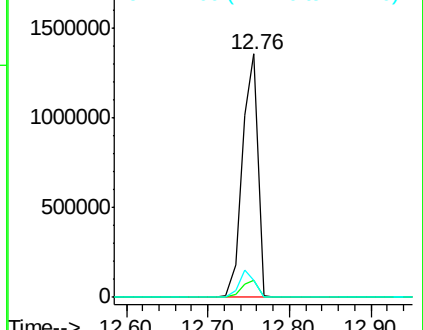
122 7.1 11.4 17.2#



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: 20.00 ng

RT: 15.18 min Scan# 1163

Delta R.T. 0.03 min

Lab File: BF092188.D

Acq: 10 Jan 2017 18:04

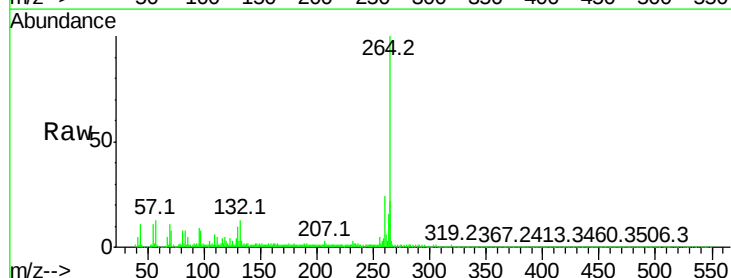
Tgt Ion:264 Resp: 413779

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.6 17.4 26.0



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

