

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092286.D
 Acq On : 16 Jan 2017 15:45
 Operator : UM/SJ
 Sample : PB96012BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BL

Quant Time: Jan 17 01:00:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	209904	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	934514	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	567697	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	934648	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	860860	20.00	ng	-0.01
86) Perylene-d12	15.05	264	784887	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	958027	76.21	ng	0.01
7) Phenol-d6	6.22	99	1155797	75.31	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1256078	74.74	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	305127	64.95	ng	-0.01
44) 2-Fluorobiphenyl	8.93	172	2310418	83.10	ng	0.00
78) Terphenyl-d14	12.66	244	2136601	60.19	ng	0.00

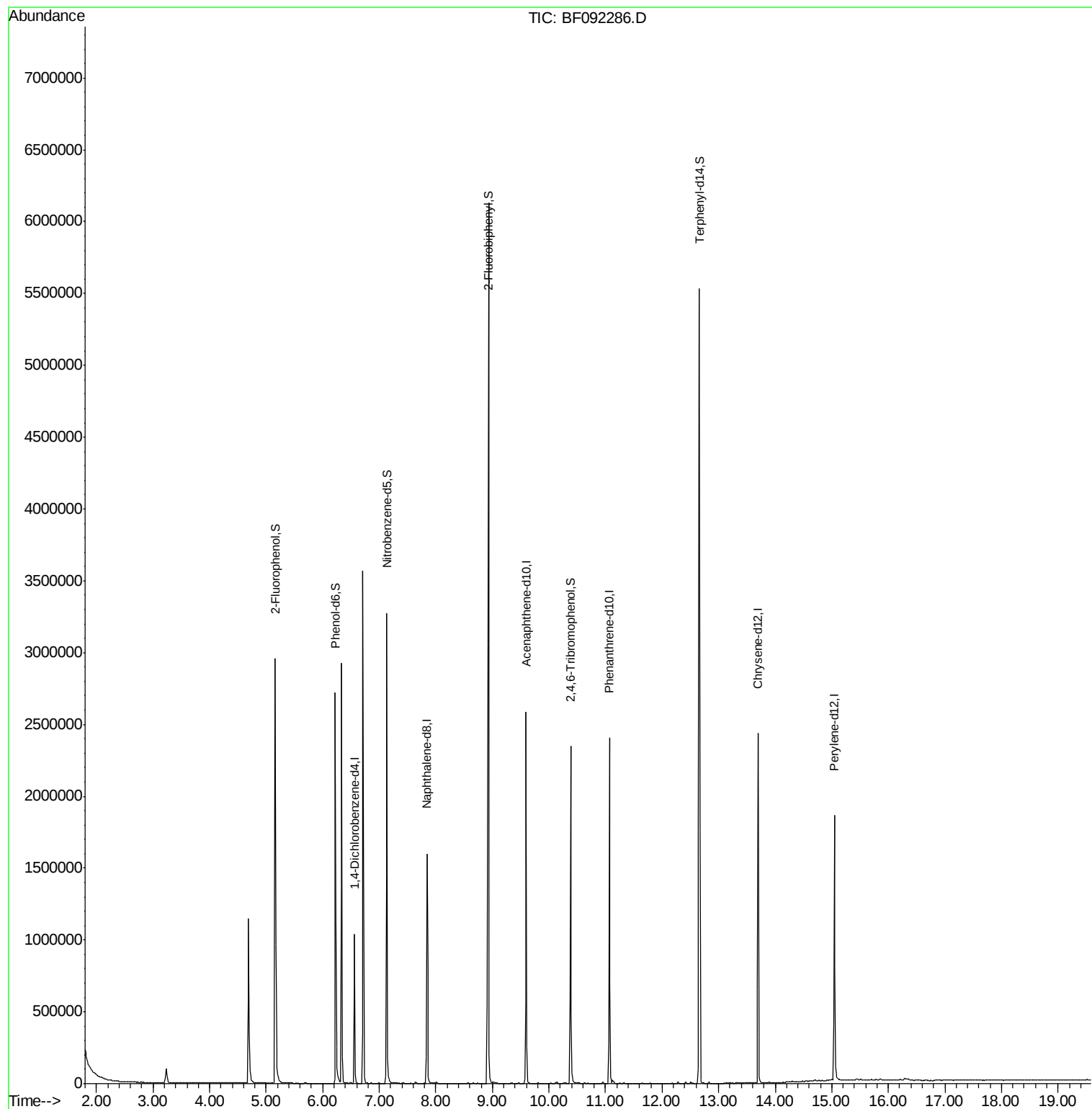
Target Compounds Qvalue

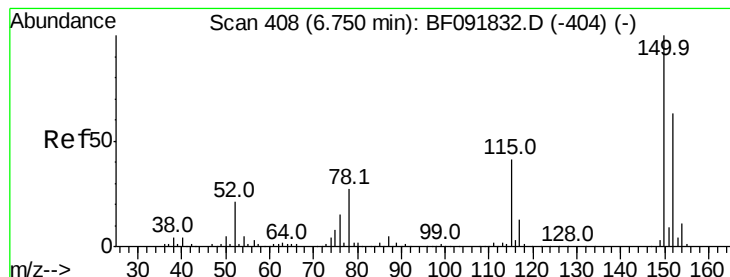
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 17 00:52:12 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092286.D

Acq: 16 Jan 2017 15:45

Instrument :

BNA_F

ClientSampleId :

PB96012BL

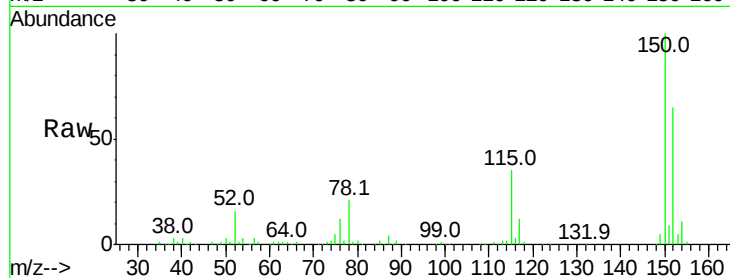
Tot Ion:152 Resp: 209904

Ion Ratio Lower Upper

152 100

150 153.2 124.9 187.3

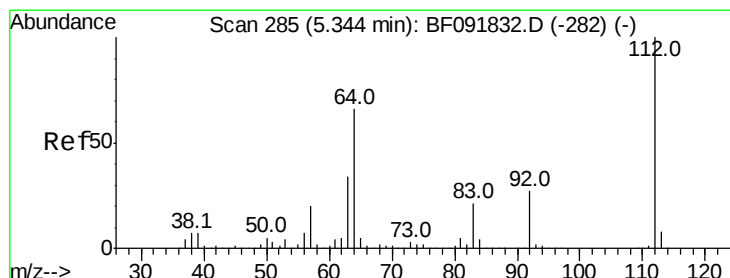
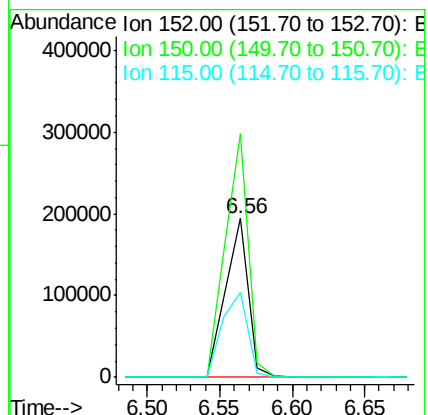
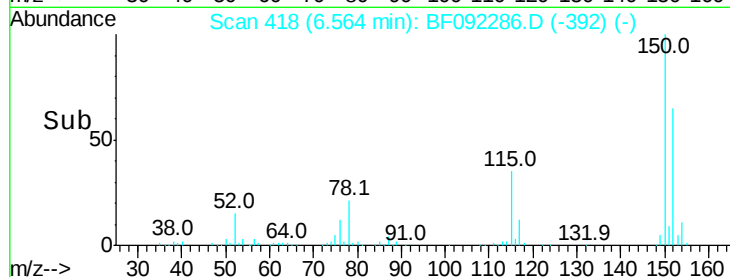
115 53.7 46.0 69.0



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: 76.21 ng

RT: 5.16 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF092286.D

Acq: 16 Jan 2017 15:45

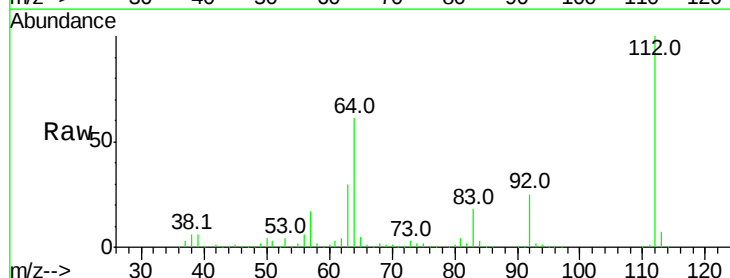
Tgt Ion:112 Resp: 958027

Ion Ratio Lower Upper

112 100

64 60.7 46.1 69.1

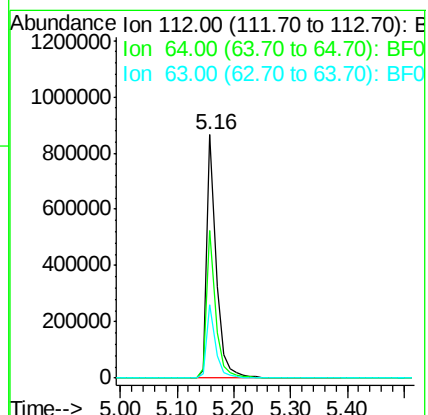
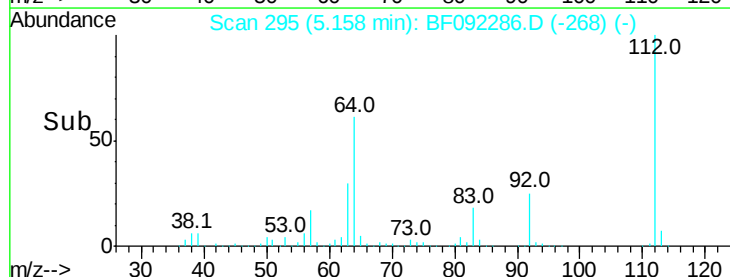
63 30.1 23.8 35.6

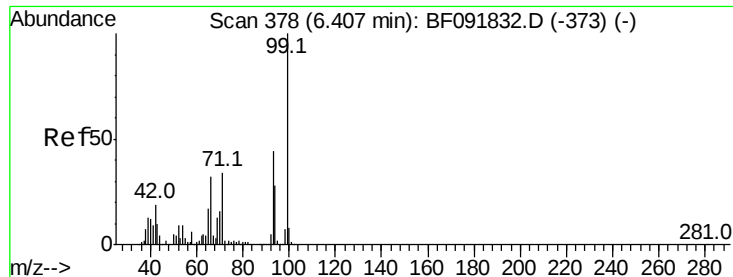


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.31 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092286.D

Acq: 16 Jan 2017 15:45

Instrument :

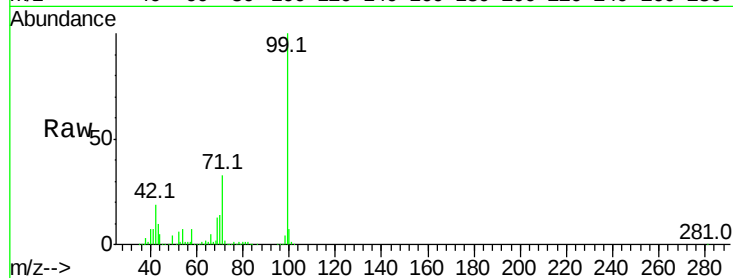
BNA_F

ClientSampleId :

PB96012BL

Tot Ion: 99 Resp: 1155797

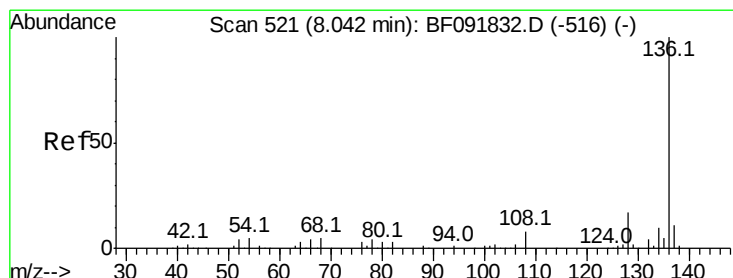
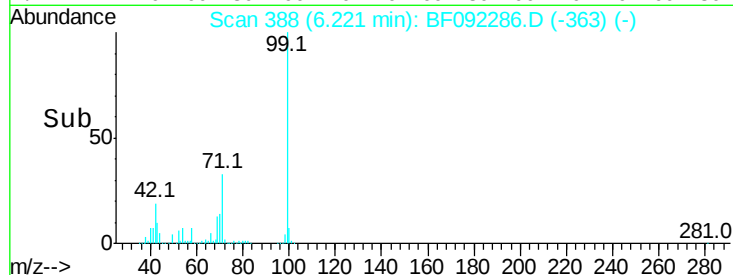
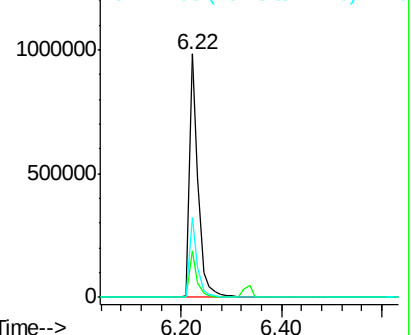
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.6	23.4
71	33.0	27.5	41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

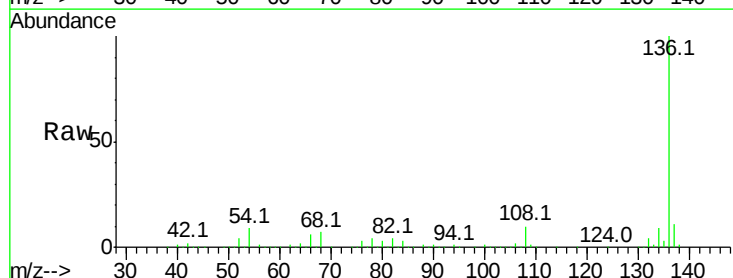
Delta R.T. -0.01 min

Lab File: BF092286.D

Acq: 16 Jan 2017 15:45

Tgt Ion: 136 Resp: 934514

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.0	4.5	6.7#
68	7.2	3.6	5.4#

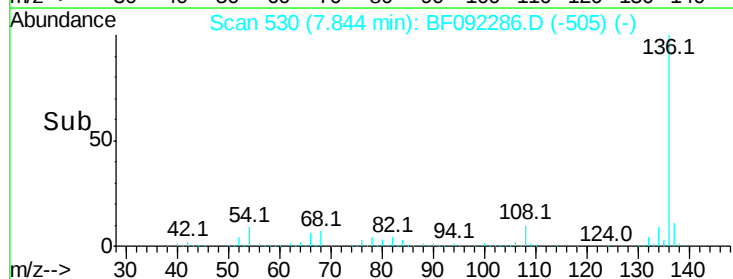
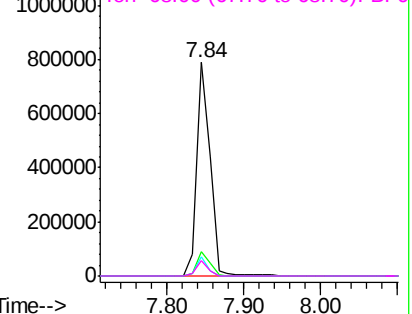


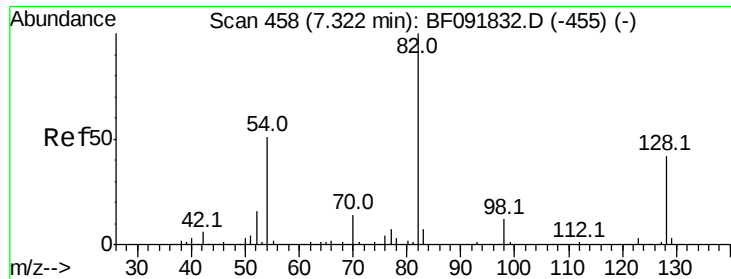
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

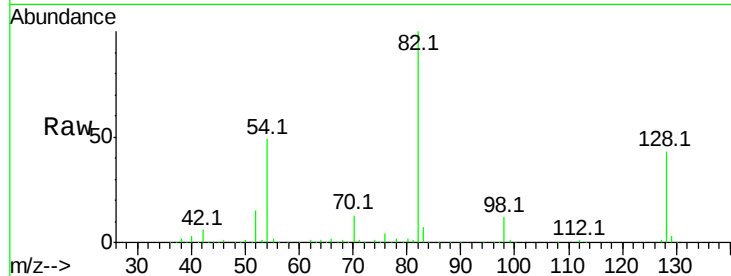




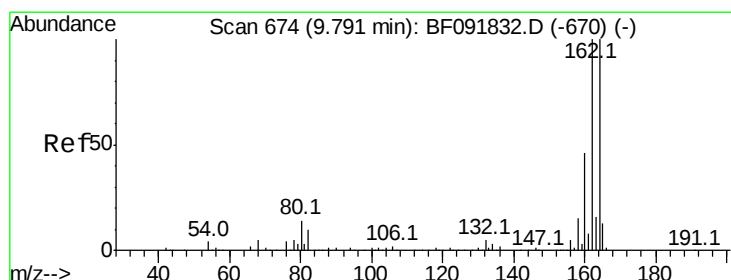
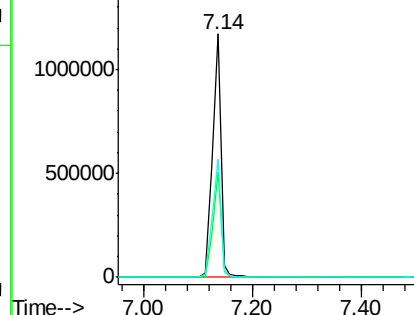
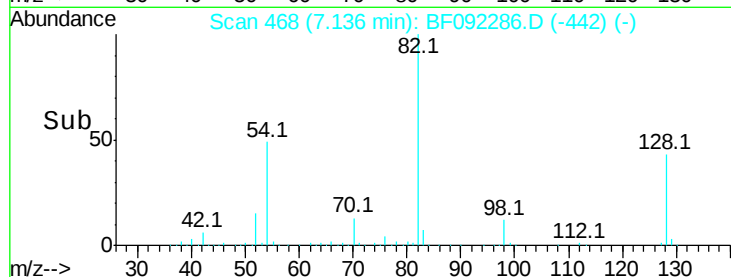
#23
 Nitrobenzene-d5
 Concen: 74.74 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF092286.D
 Acq: 16 Jan 2017 15:45

Instrument :
 BNA_F
 ClientSampled :
 PB96012BL

Tot Ion: 82 Resp: 1256078
 Ion Ratio Lower Upper
 82 100
 128 43.1 34.6 52.0
 54 48.5 39.5 59.3

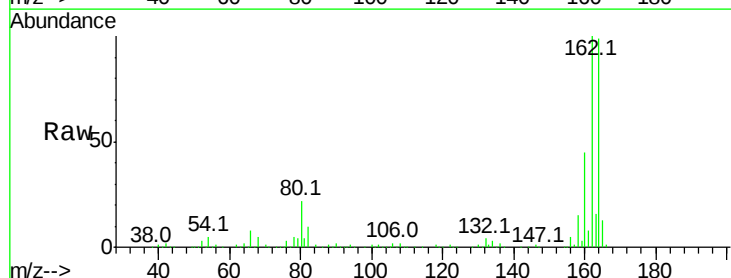


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

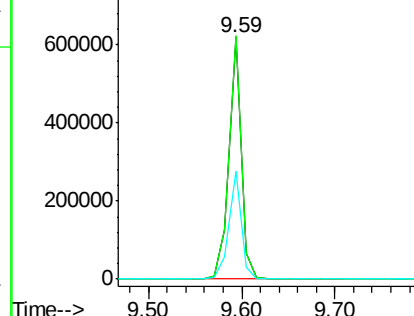
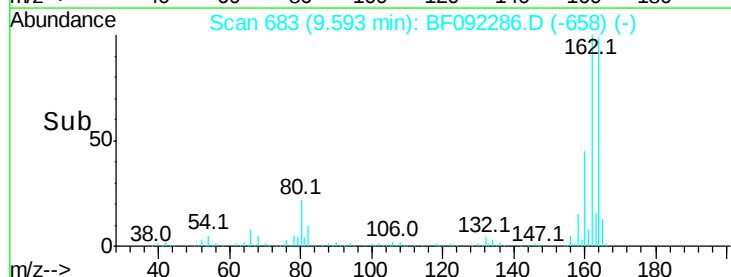


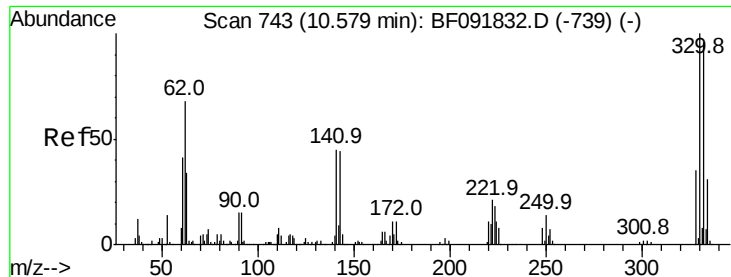
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF092286.D
 Acq: 16 Jan 2017 15:45

Tgt Ion:164 Resp: 567697
 Ion Ratio Lower Upper
 164 100
 162 100.7 80.2 120.2
 160 44.9 36.9 55.3



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

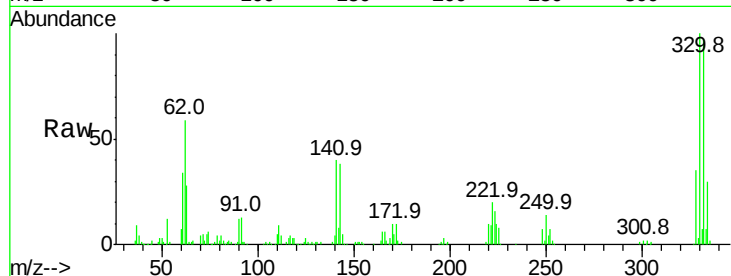




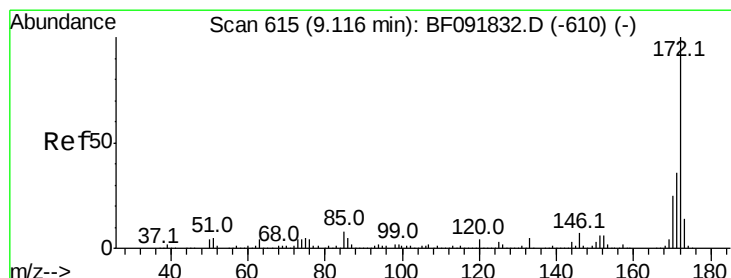
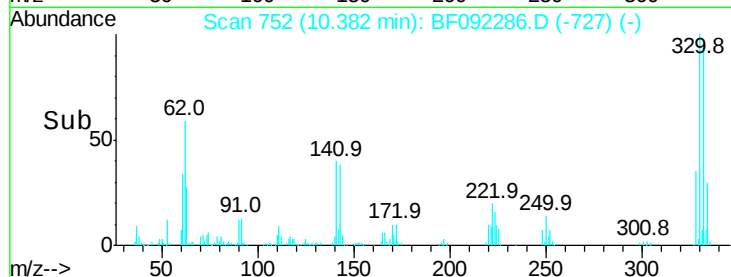
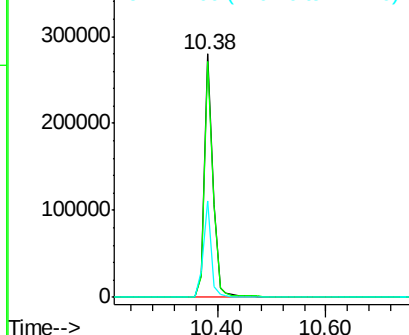
#41
 2,4,6-Tribromophenol
 Concen: 64.95 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF092286.D
 Acq: 16 Jan 2017 15:45

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BL

Tot Ion:330 Resp: 305127
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 36.1 34.1 51.1

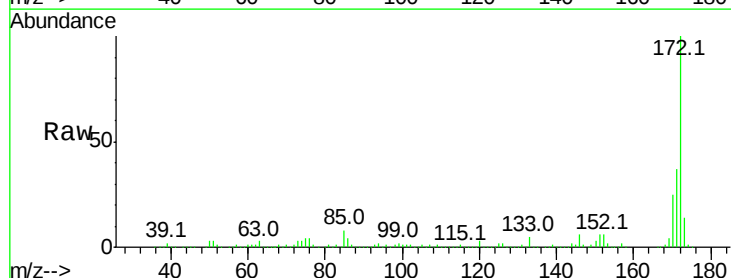


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

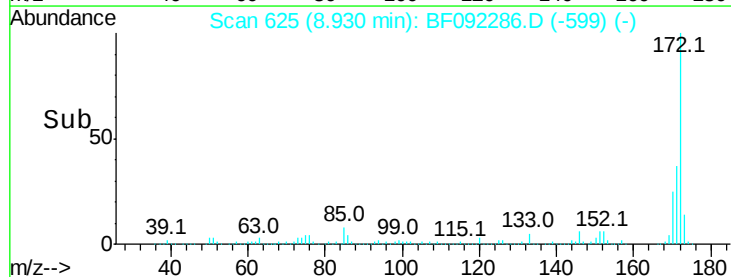
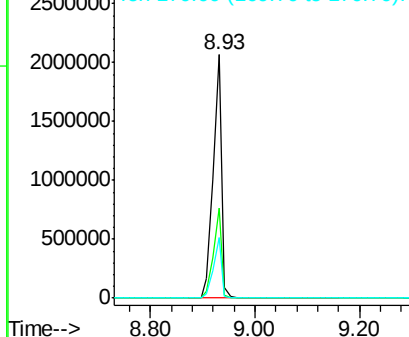


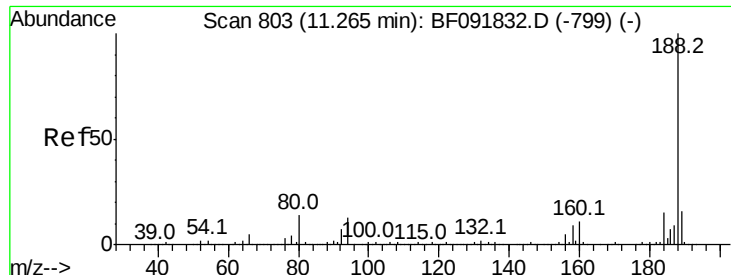
#44
 2-Fluorobiphenyl
 Concen: 83.10 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092286.D
 Acq: 16 Jan 2017 15:45

Tgt Ion:172 Resp: 2310418
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.9 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

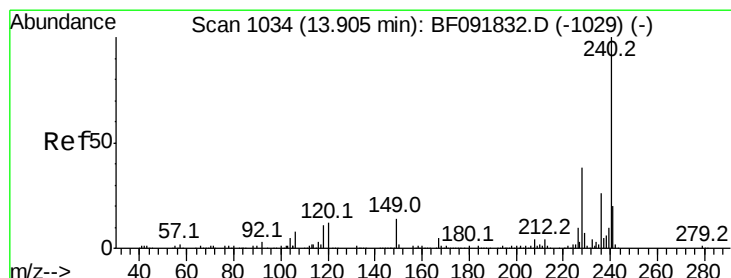
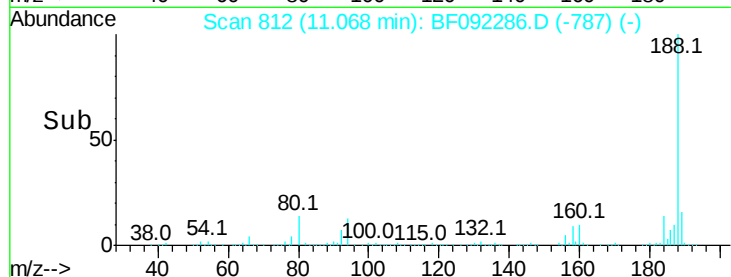
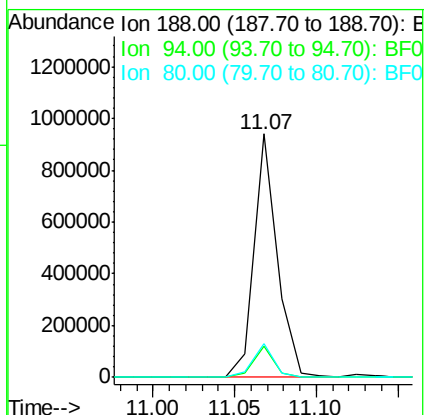
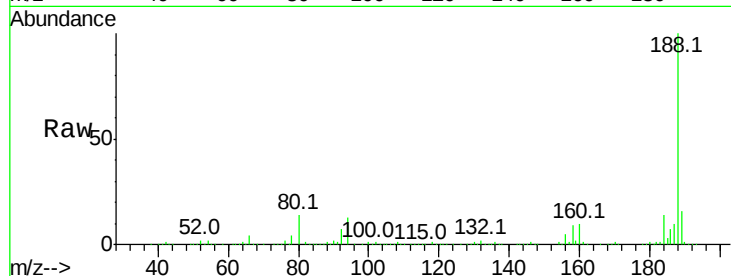




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092286.D
Acq: 16 Jan 2017 15:45

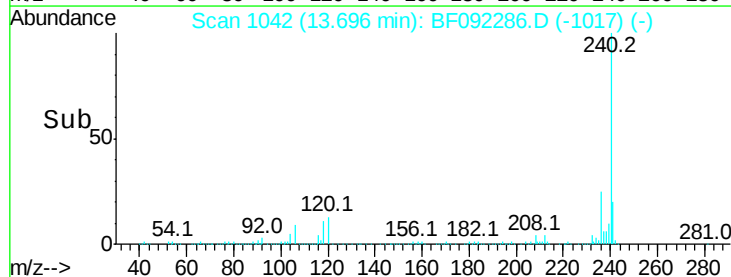
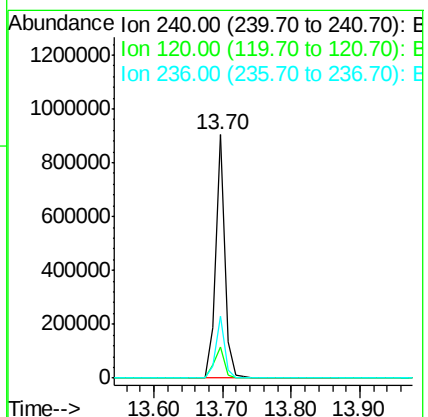
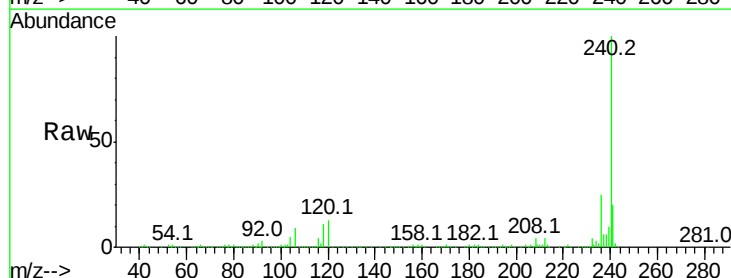
Instrument :
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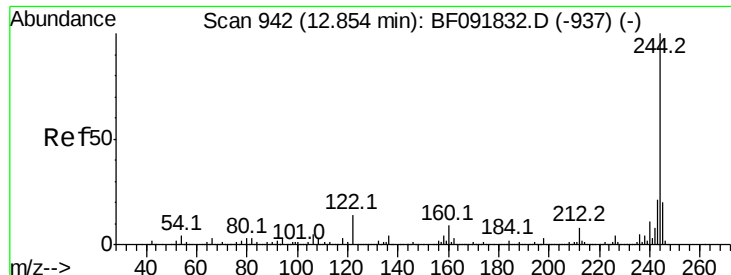
Tot Ion:188 Resp: 934648
Ion Ratio Lower Upper
188 100
94 12.7 10.0 15.0
80 13.7 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF092286.D
Acq: 16 Jan 2017 15:45

Tgt Ion:240 Resp: 860860
Ion Ratio Lower Upper
240 100
120 12.7 12.9 19.3#
236 25.4 20.9 31.3

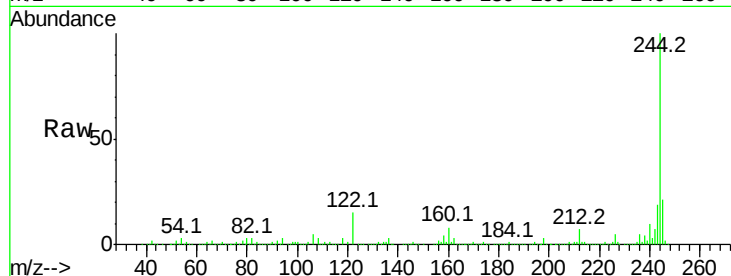




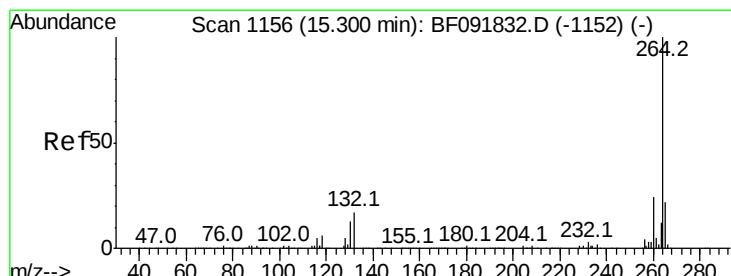
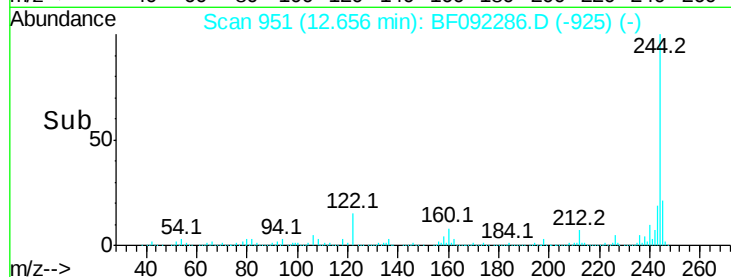
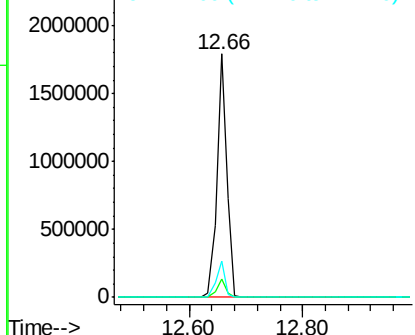
#78
 Terphenyl-d14
 Concen: 60.19 ng
 RT: 12.66 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF092286.D
 Acq: 16 Jan 2017 15:45

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BL

Tot Ion:244 Resp: 2136601
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 14.7 11.4 17.2

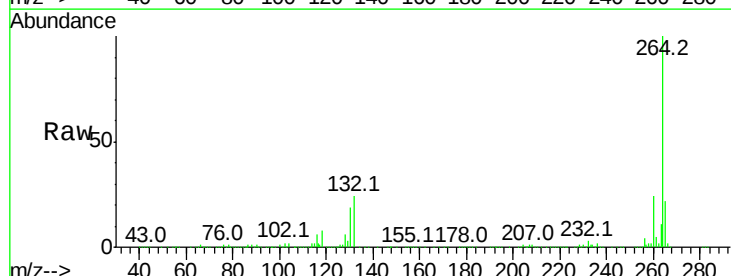


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF092286.D
 Acq: 16 Jan 2017 15:45

Tgt Ion:264 Resp: 784887
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.3 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

