

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092644.D
 Acq On : 30 Jan 2017 20:10
 Operator : SJ/MA
 Sample : PB96538BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96538BL

Quant Time: Jan 31 01:20:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	145376	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	585170	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	343418	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	568193	20.00	ng	0.00
75) Chrysene-d12	14.13	240	514351	20.00	ng	-0.01
86) Perylene-d12	15.61	264	398084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1251928	147.74	ng	0.01
7) Phenol-d6	6.60	99	1376619	126.26	ng	0.00
23) Nitrobenzene-d5	7.53	82	930380	88.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	339681	136.76	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1770241	93.39	ng	0.00
78) Terphenyl-d14	13.08	244	1464275	66.89	ng	0.00

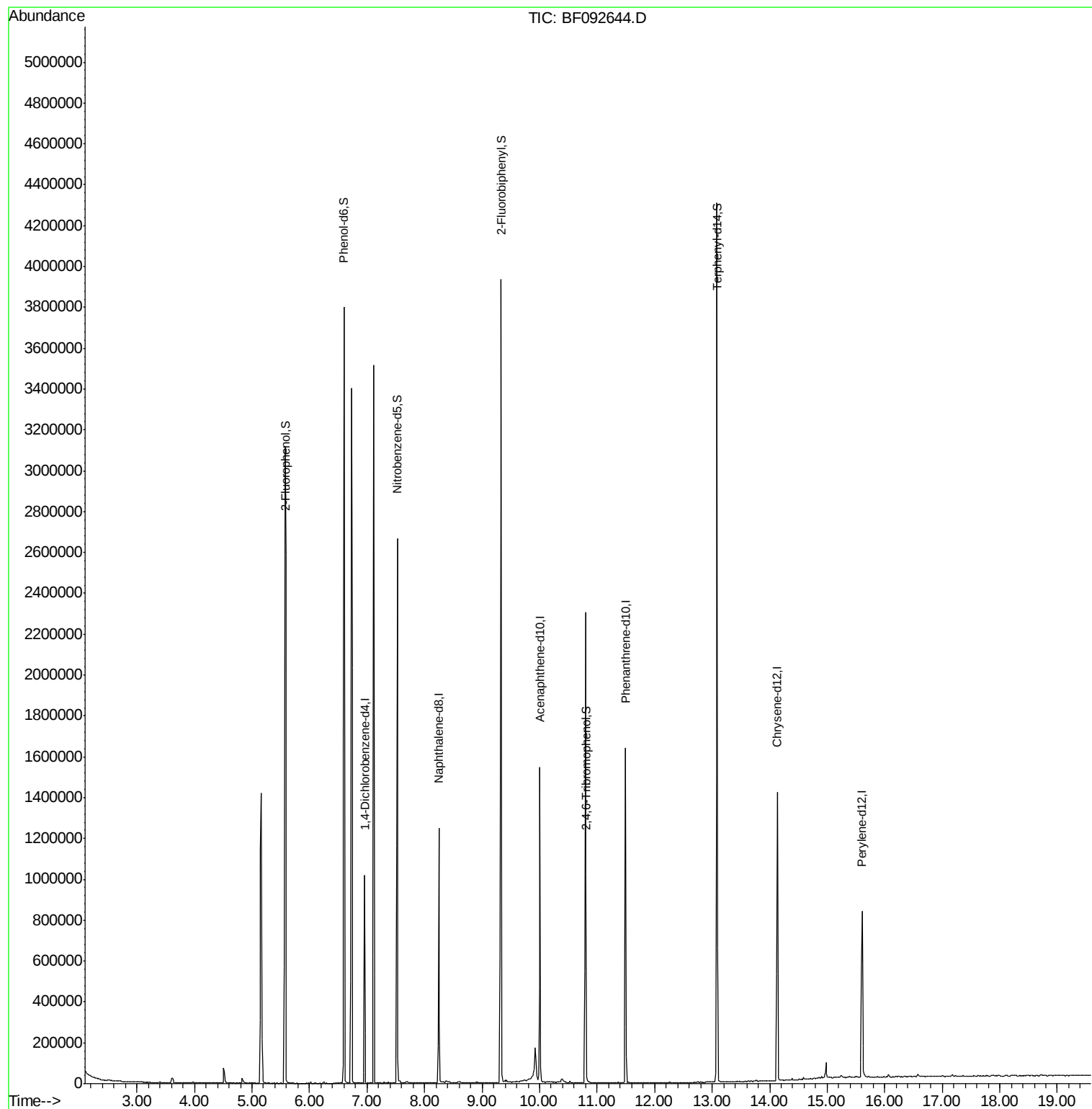
Target Compounds Qvalue

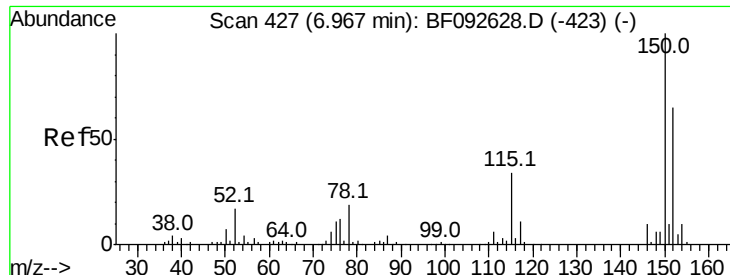
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092644.D

Acq: 30 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

PB96538BL

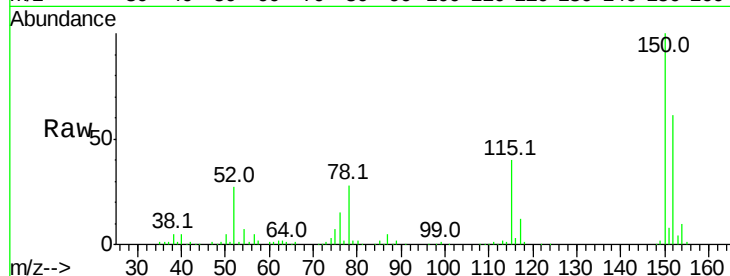
Tot Ion:152 Resp: 145376

Ion Ratio Lower Upper

152 100

150 163.7 124.9 187.3

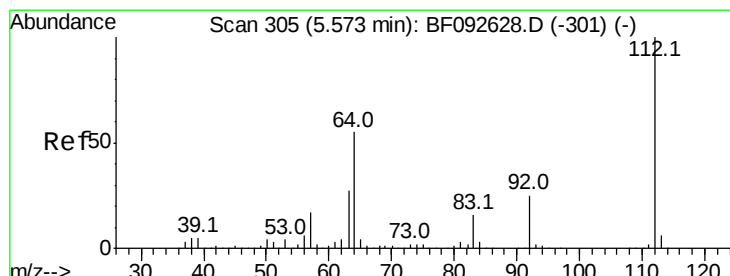
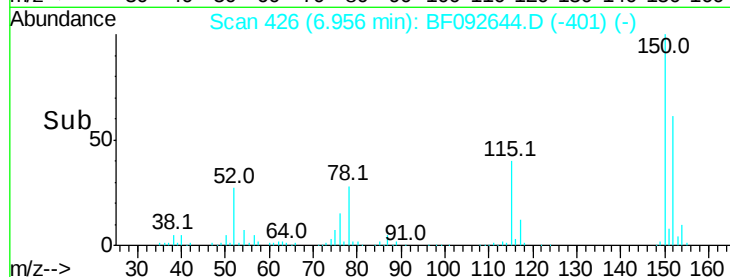
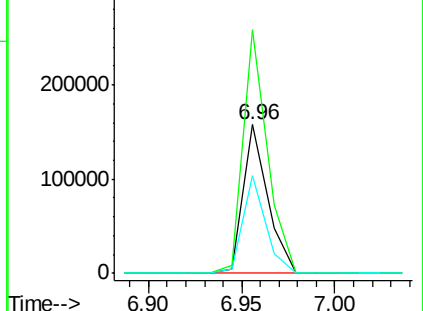
115 66.1 46.0 69.0



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: 147.74 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF092644.D

Acq: 30 Jan 2017 20:10

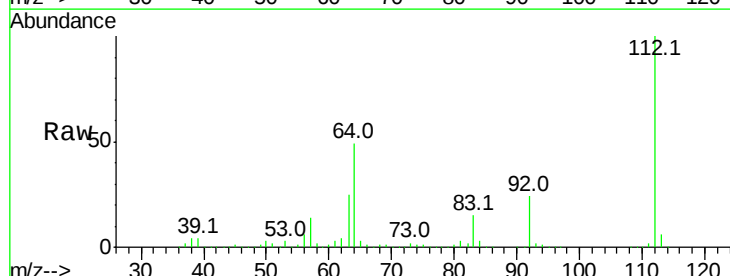
Tgt Ion:112 Resp: 1251928

Ion Ratio Lower Upper

112 100

64 49.4 46.1 69.1

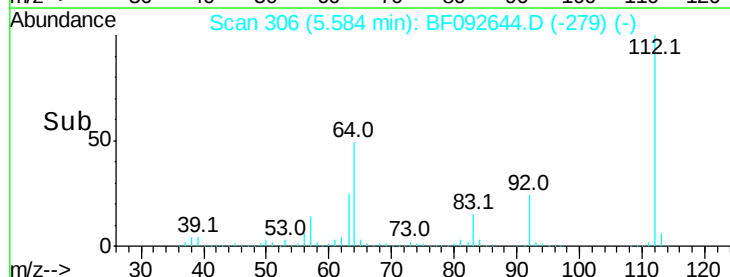
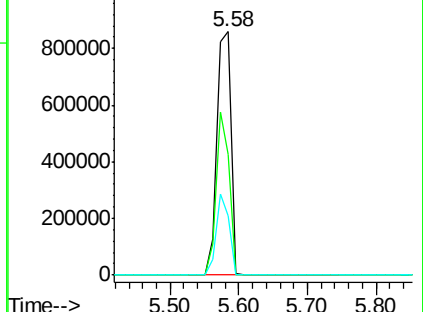
63 24.5 23.8 35.6

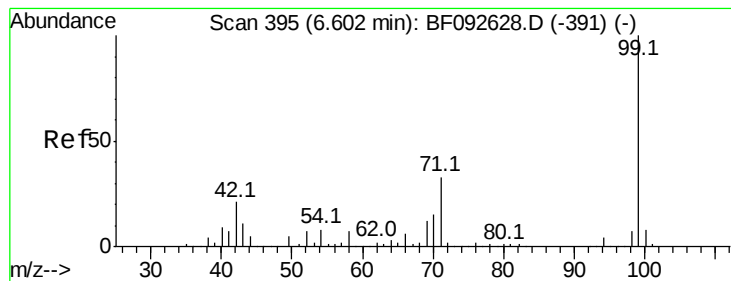


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.26 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092644.D

Acq: 30 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

PB96538BL

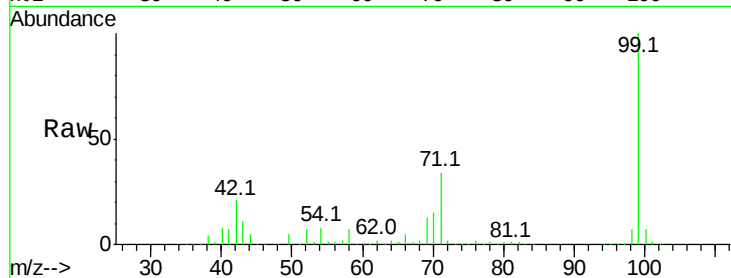
Tot Ion: 99 Resp: 1376619

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

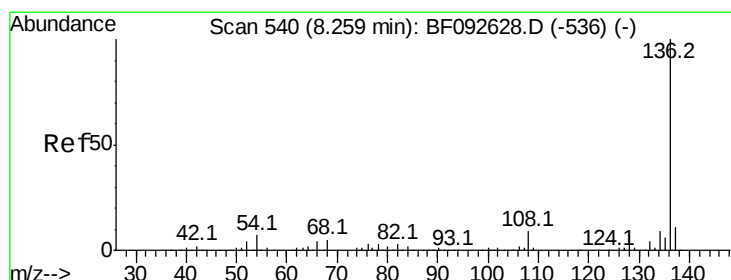
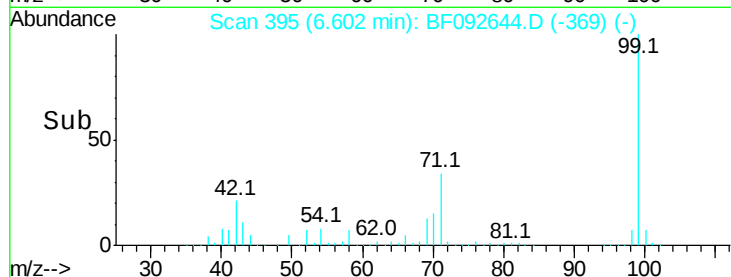
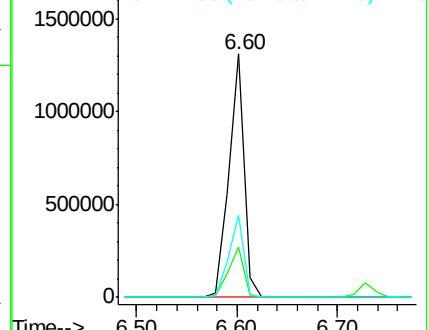
71 34.0 27.5 41.3



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: 8.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF092644.D

Acq: 30 Jan 2017 20:10

Tgt Ion:136 Resp: 585170

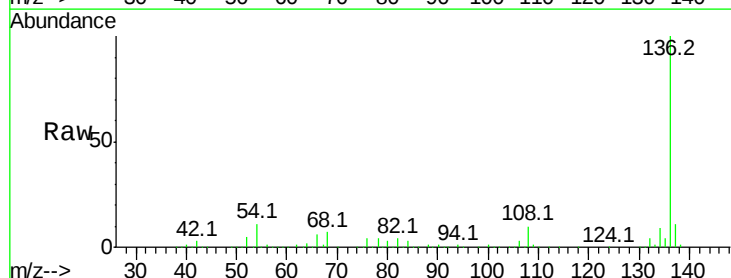
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 10.9 4.5 6.7#

68 7.4 3.6 5.4#

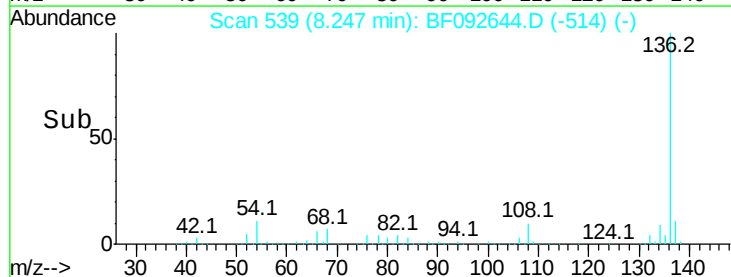
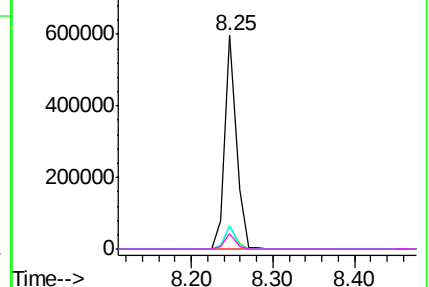


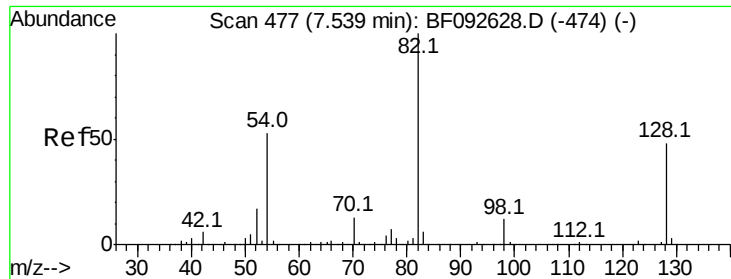
Abundance Ion 136.00 (135.70 to 136.70): E

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

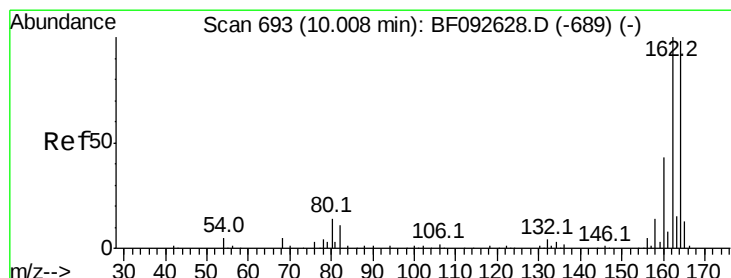
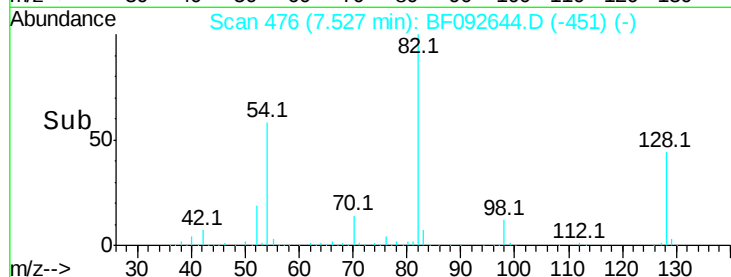
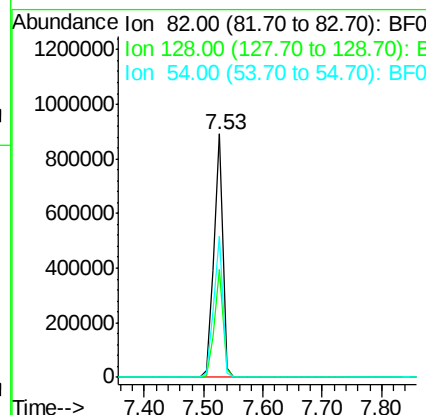
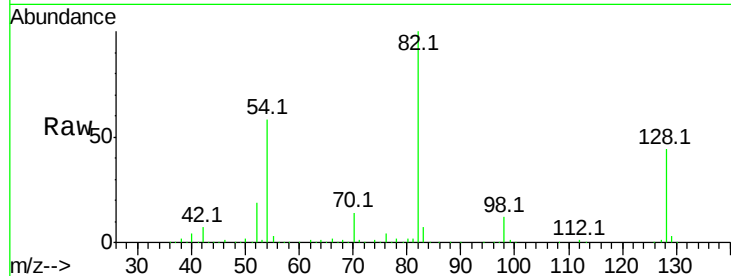




#23
 Nitrobenzene-d5
 Concen: 88.54 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092644.D
 Acq: 30 Jan 2017 20:10

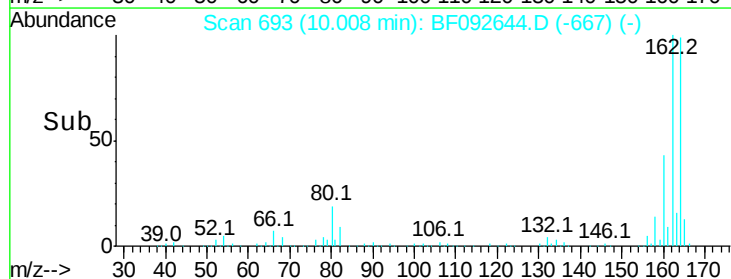
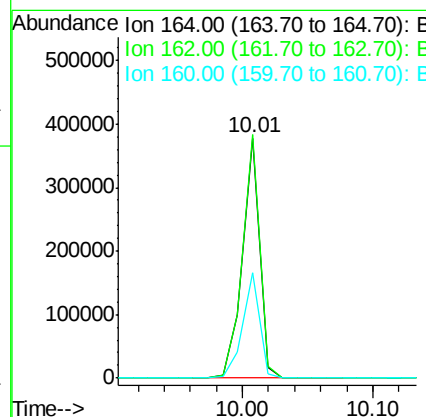
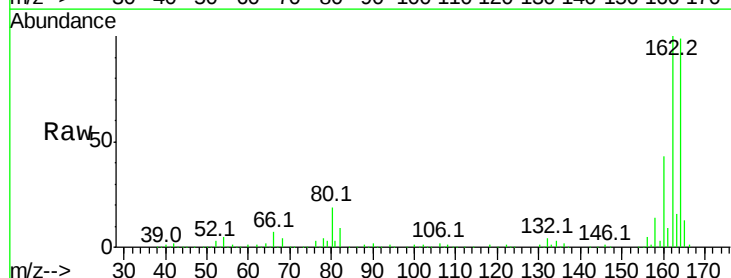
Instrument :
 BNA_F
 ClientSampleId :
 PB96538BL

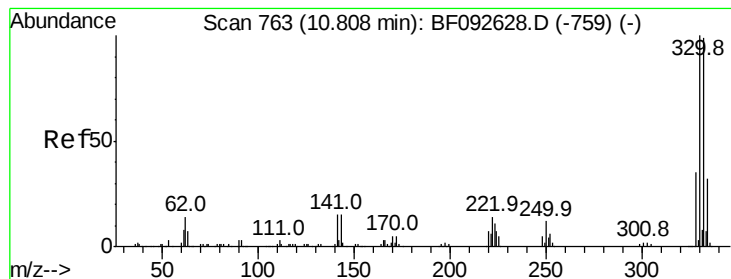
Tot Ion	82	Resp	930380
Ion Ratio	Lower	Upper	
82	100		
128	44.3	34.6	52.0
54	58.1	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF092644.D
 Acq: 30 Jan 2017 20:10

Tgt Ion	164	Resp	343418
Ion Ratio	Lower	Upper	
164	100		
162	101.4	80.2	120.2
160	43.9	36.9	55.3





#41

2,4,6-Tribromophenol

Concen: 136.76 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF092644.D

Acq: 30 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

PB96538BL

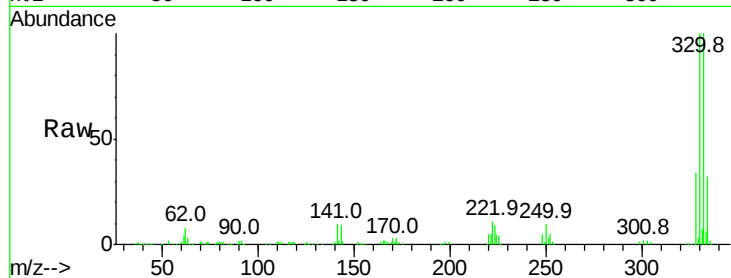
Tot Ion:330 Resp: 339681

Ion Ratio Lower Upper

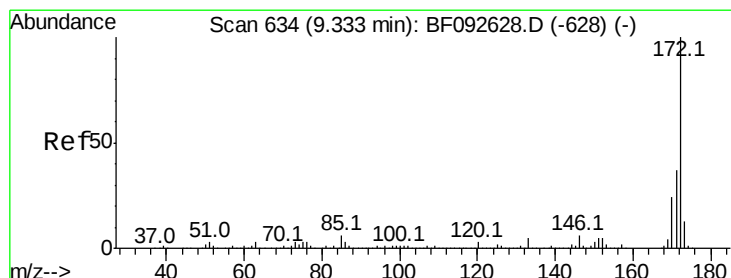
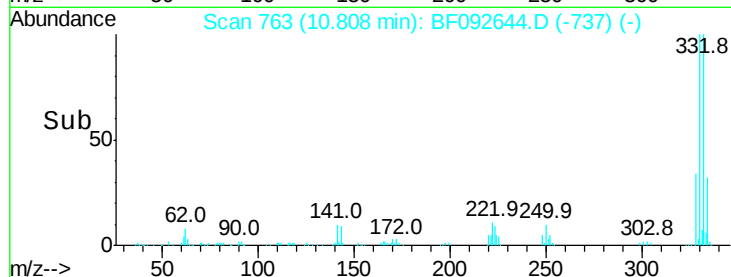
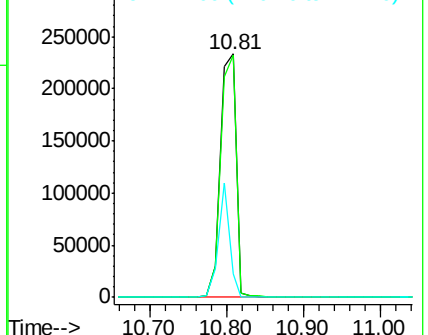
330 100

332 97.9 77.4 116.2

141 33.1 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: 93.39 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF092644.D

Acq: 30 Jan 2017 20:10

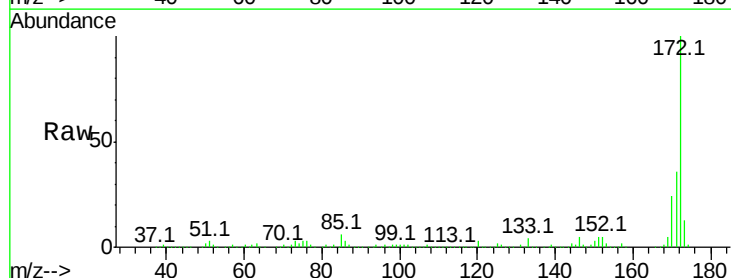
Tgt Ion:172 Resp: 1770241

Ion Ratio Lower Upper

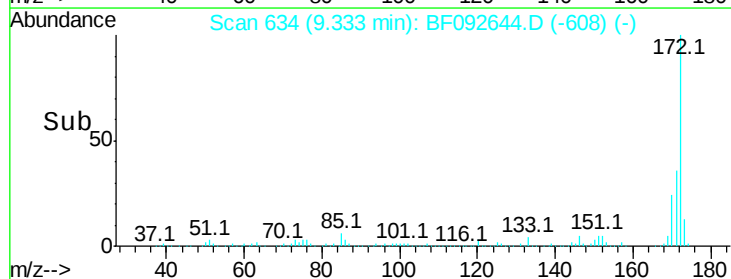
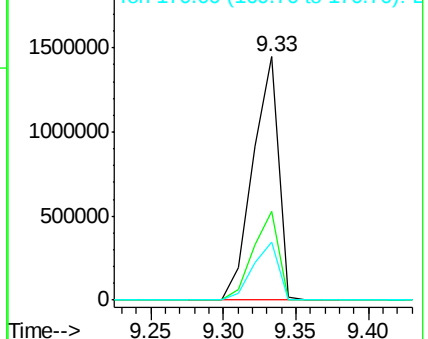
172 100

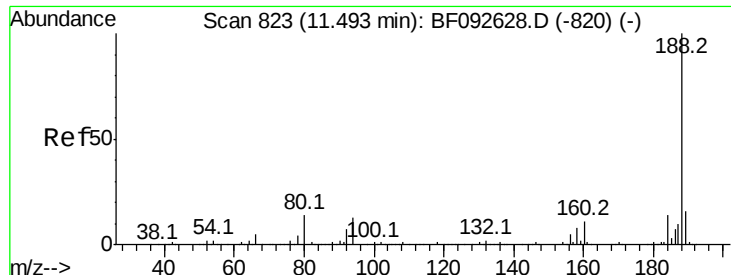
171 36.4 29.4 44.0

170 23.8 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

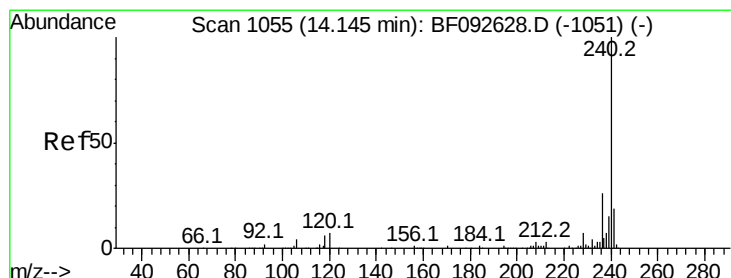
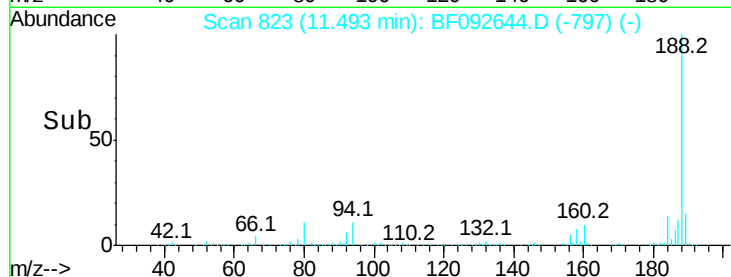
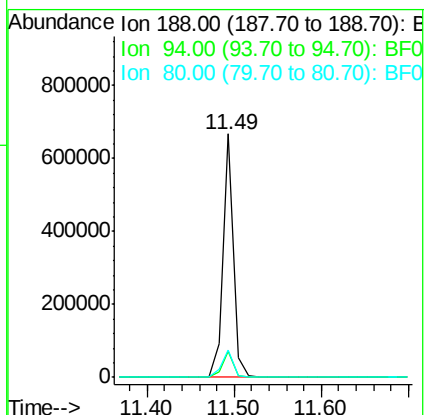
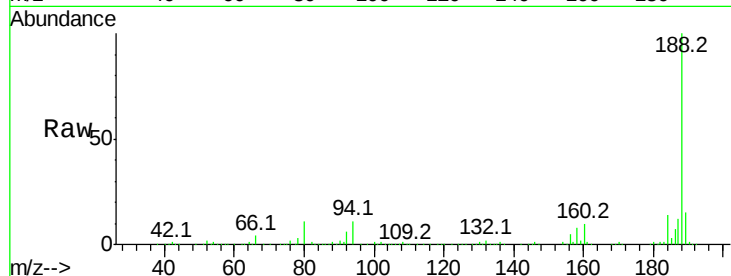




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092644.D
Acq: 30 Jan 2017 20:10

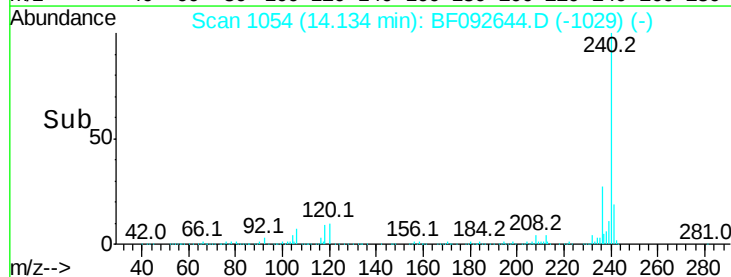
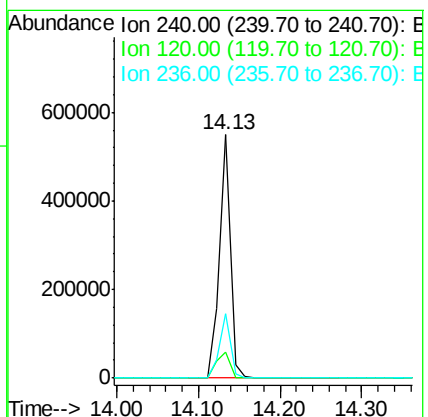
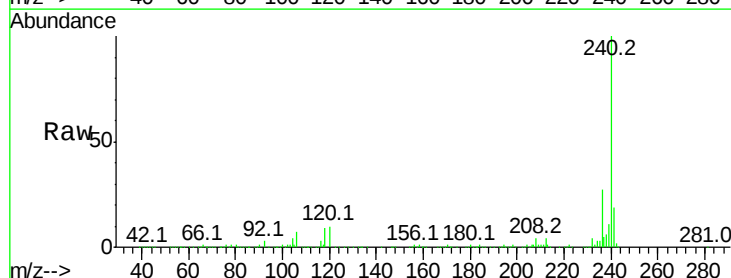
Instrument :
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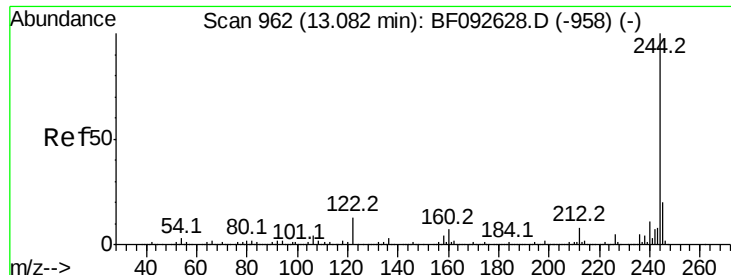
Tot Ion:188 Resp: 568193
Ion Ratio Lower Upper
188 100
94 10.6 10.0 15.0
80 11.5 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF092644.D
Acq: 30 Jan 2017 20:10

Tgt Ion:240 Resp: 514351
Ion Ratio Lower Upper
240 100
120 10.5 12.9 19.3#
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 66.89 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092644.D

Acq: 30 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

PB96538BL

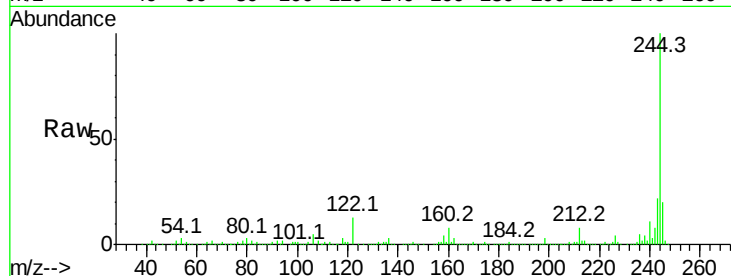
Tot Ion:244 Resp: 1464275

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

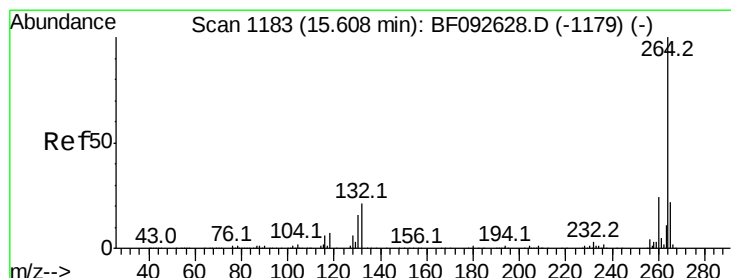
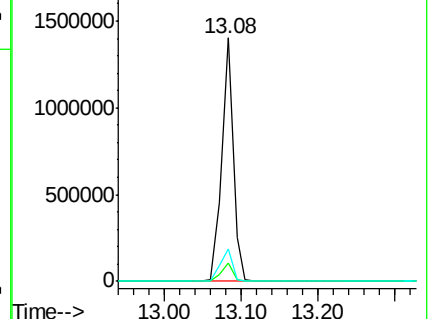
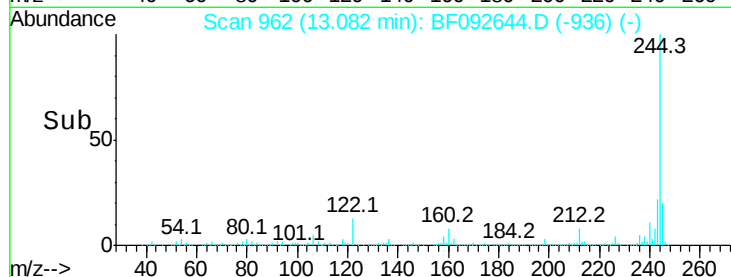
122 13.1 11.4 17.2



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: 15.61 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF092644.D

Acq: 30 Jan 2017 20:10

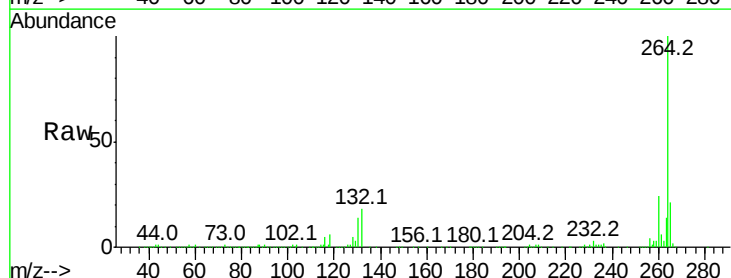
Tgt Ion:264 Resp: 398084

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.3 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

