

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093134.D
 Acq On : 24 Feb 2017 6:58
 Operator : SJ/MA
 Sample : PB97124TB
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97124TB

Quant Time: Feb 24 07:26:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	150253	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	554042	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	226903	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	328589	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	299711	20.00	ng	-0.02
86) Perylene-d12	15.43	264	237216	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1230775	140.53	ng	0.00
7) Phenol-d6	6.49	99	1544974	137.10	ng	0.00
23) Nitrobenzene-d5	7.41	82	907121	91.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	203782	124.17	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1438571	114.86	ng	-0.01
78) Terphenyl-d14	12.94	244	865473	67.85	ng	-0.02

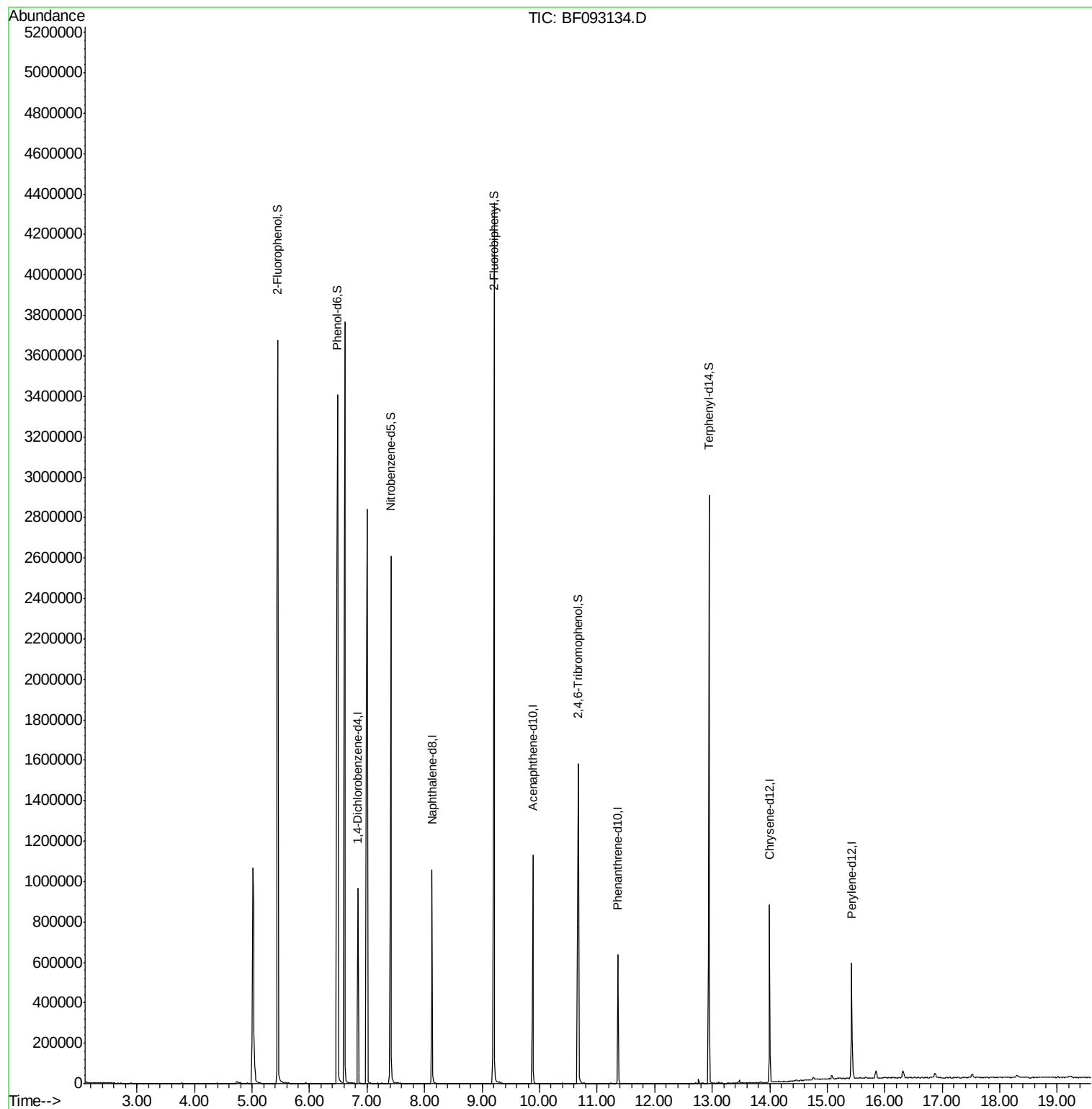
Target Compounds Qvalue

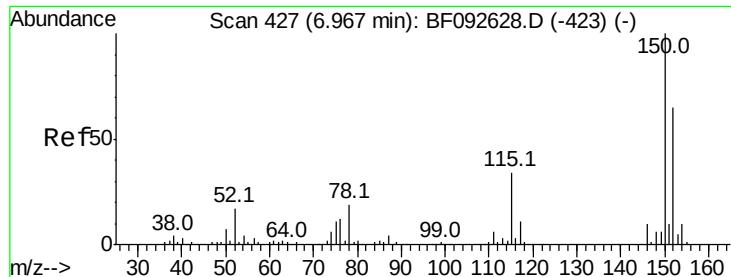
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

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Acq: 24 Feb 2017 6:58

Instrument :

BNA_F

ClientSampleId :

PB97124TB

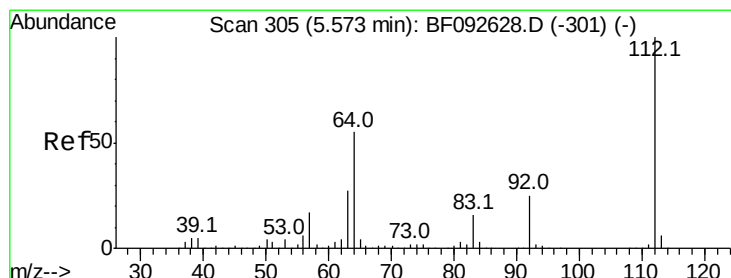
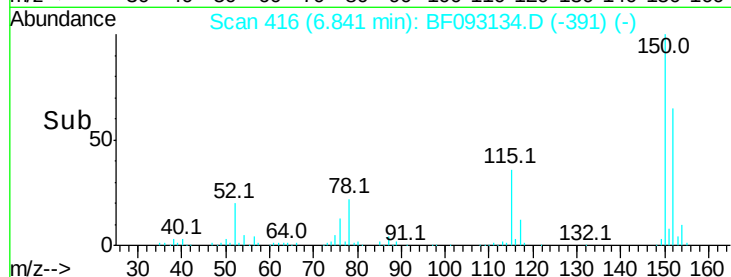
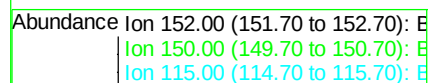
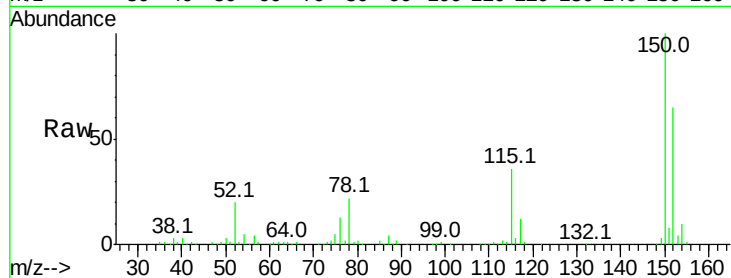
Tot Ion:152 Resp: 150253

Ion Ratio Lower Upper

152 100

150 153.9 124.9 187.3

115 55.7 46.0 69.0



#5

2-Fluorophenol

Concen: 140.53 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093134.D

Acq: 24 Feb 2017 6:58

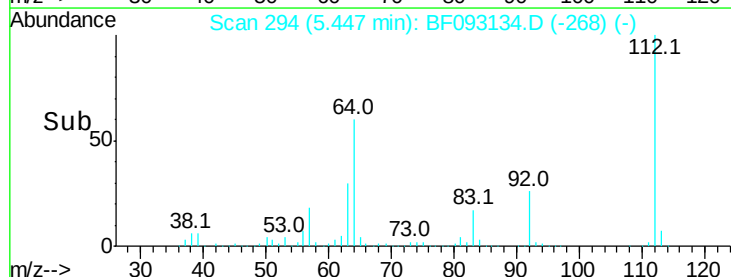
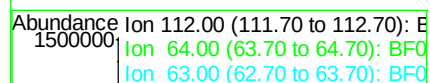
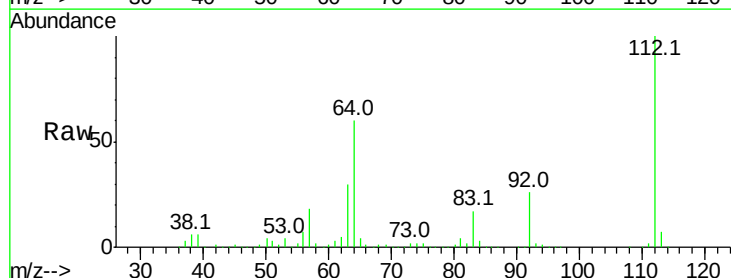
Tgt Ion:112 Resp: 1230775

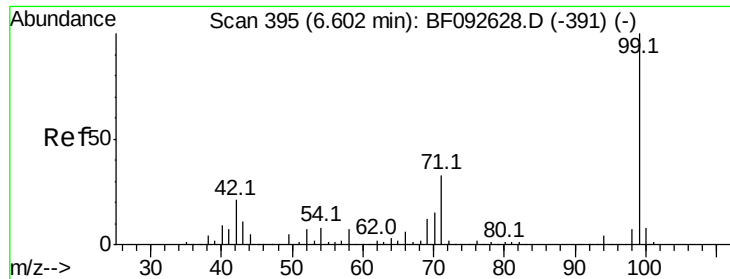
Ion Ratio Lower Upper

112 100

64 60.0 46.1 69.1

63 30.3 23.8 35.6





#7

Phenol-d6

Concen: 137.10 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093134.D

Acq: 24 Feb 2017 6:58

Instrument :

BNA_F

ClientSampleId :

PB97124TB

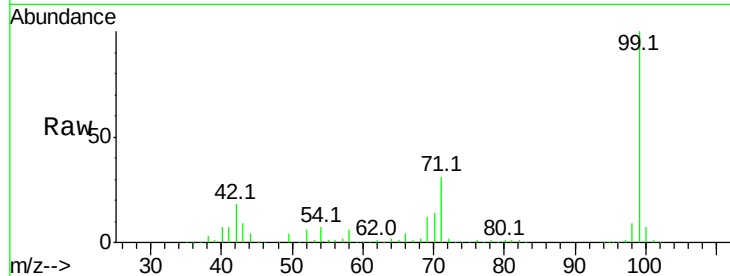
Tot Ion: 99 Resp: 1544974

Ion Ratio Lower Upper

99 100

42 17.5 15.6 23.4

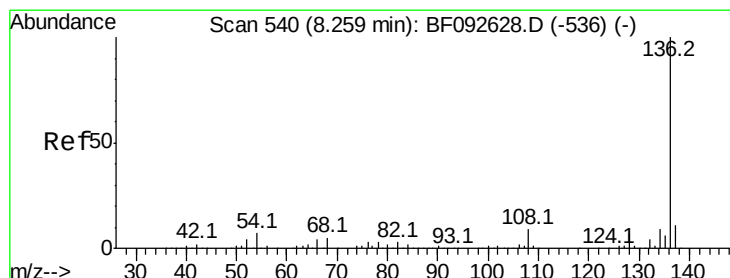
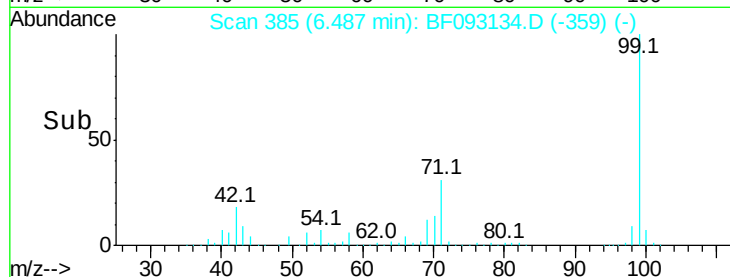
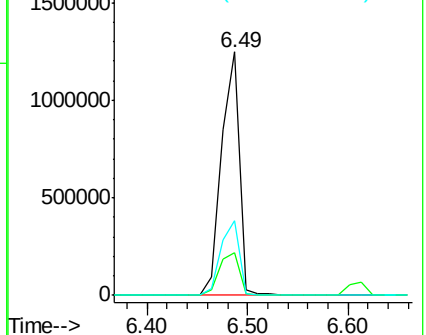
71 30.7 27.5 41.3



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: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093134.D

Acq: 24 Feb 2017 6:58

Tgt Ion:136 Resp: 554042

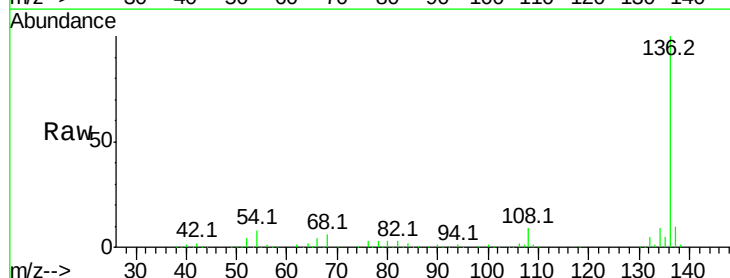
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 7.6 4.5 6.7#

68 5.6 3.6 5.4#

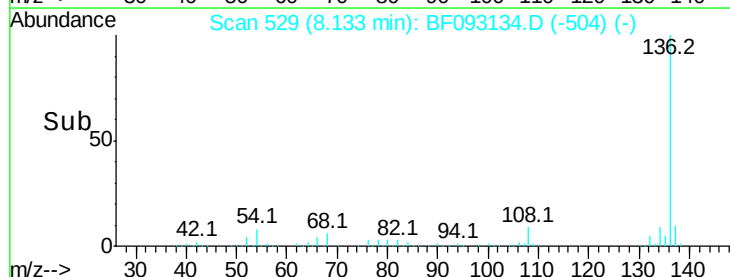
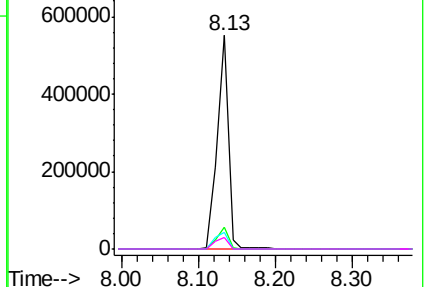


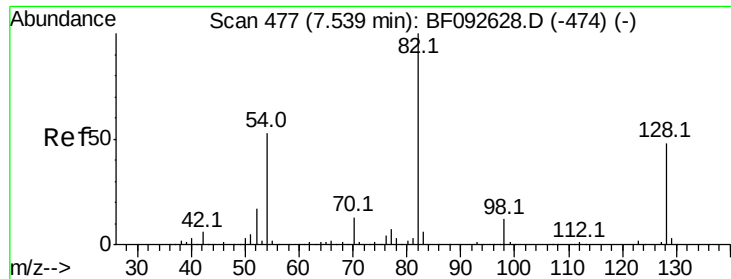
Abundance Ion 136.00 (135.70 to 136.70): E

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

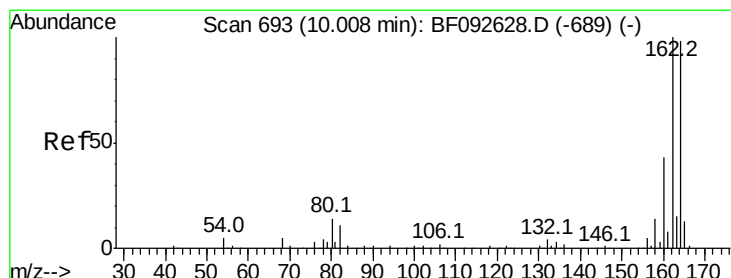
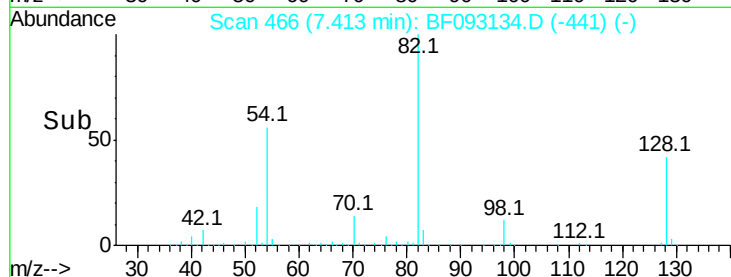
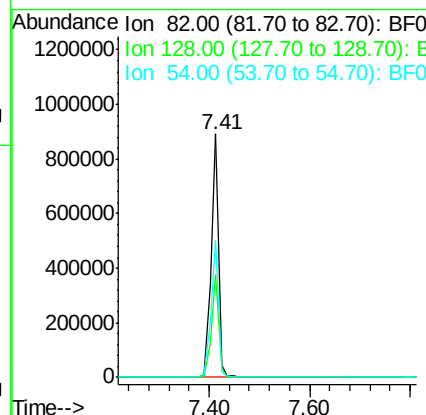
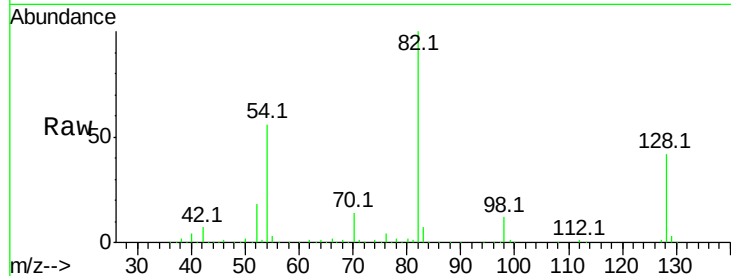




#23
 Nitrobenzene-d5
 Concen: 91.18 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093134.D
 Acq: 24 Feb 2017 6:58

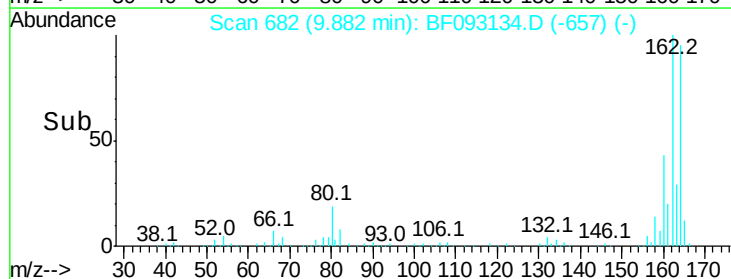
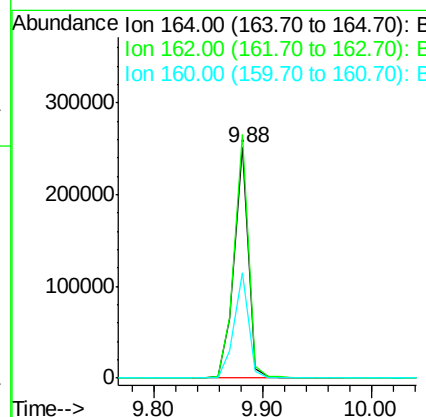
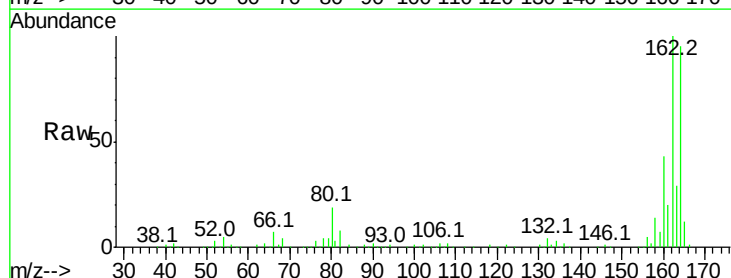
Instrument :
 BNA_F
 ClientSampleID :
 PB97124TB

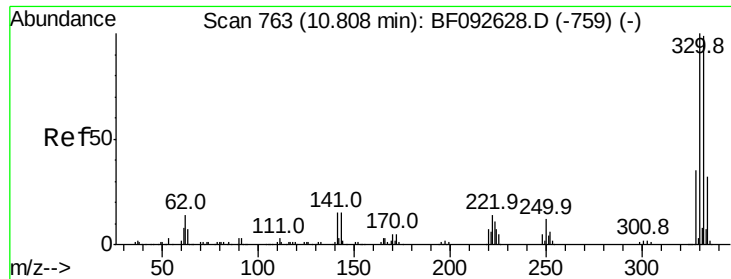
Tot Ion: 82 Resp: 907121
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.6 52.0
 54 56.2 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093134.D
 Acq: 24 Feb 2017 6:58

Tgt Ion: 164 Resp: 226903
 Ion Ratio Lower Upper
 164 100
 162 105.7 80.2 120.2
 160 45.6 36.9 55.3

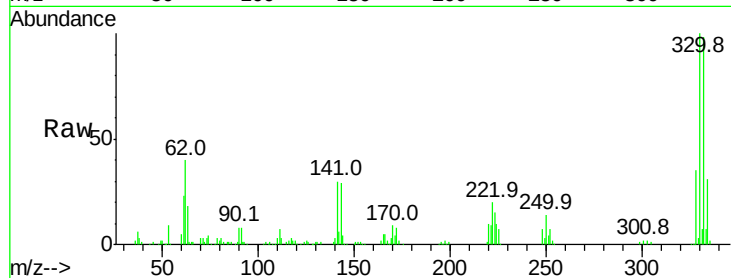




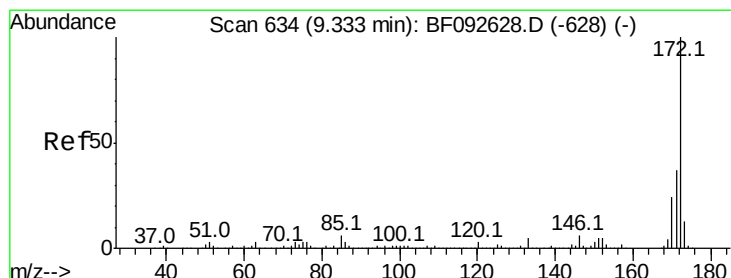
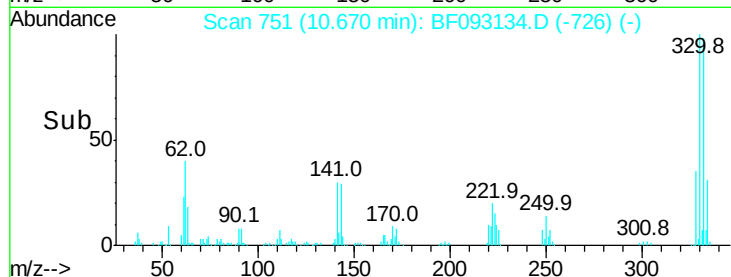
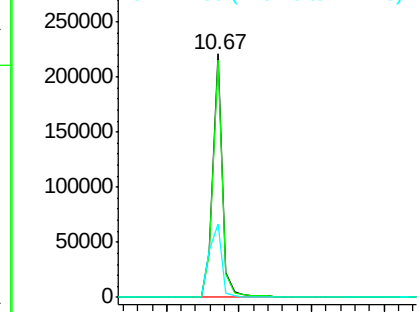
#41
 2,4,6-Tribromophenol
 Concen: 124.17 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093134.D
 Acq: 24 Feb 2017 6:58

Instrument :
 BNA_F
 ClientSampleId :
 PB97124TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	39.4	34.1	51.1

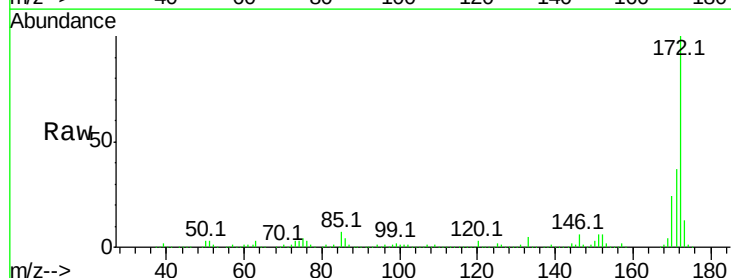


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

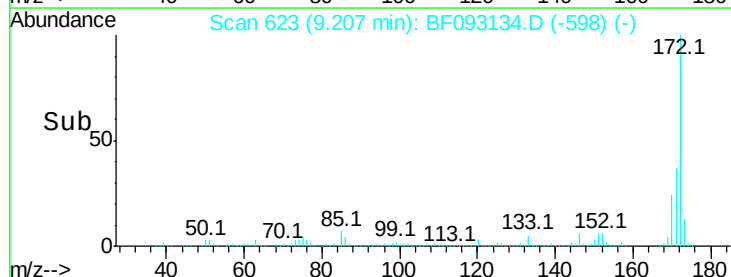
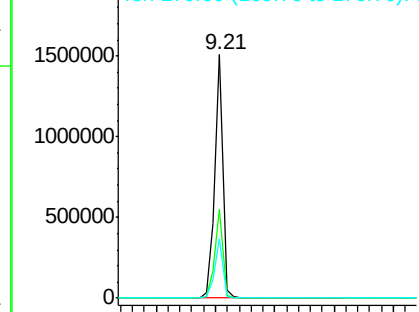


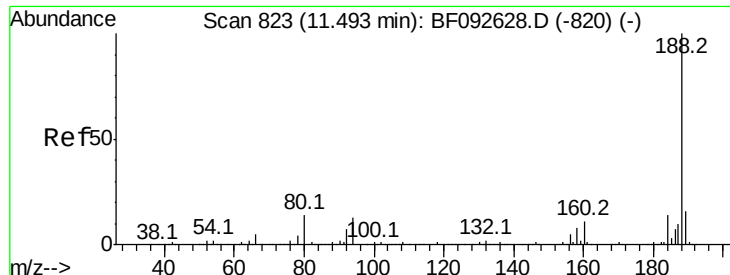
#44
 2-Fluorobiphenyl
 Concen: 114.86 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093134.D
 Acq: 24 Feb 2017 6:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.3	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

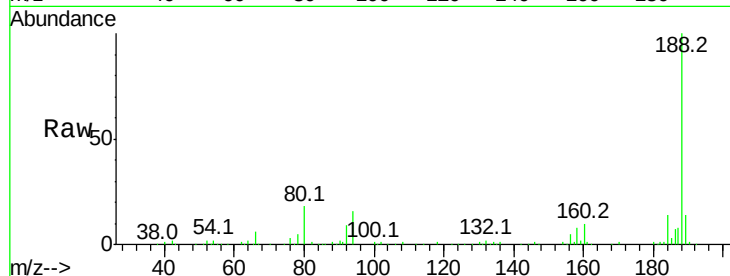




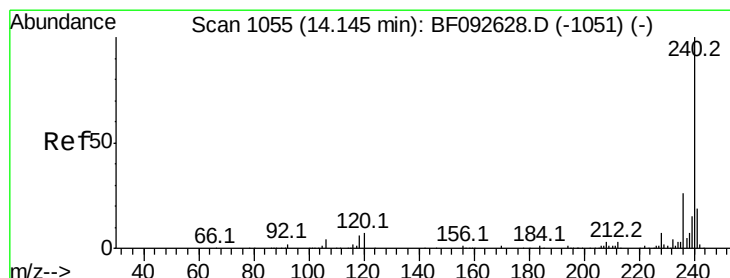
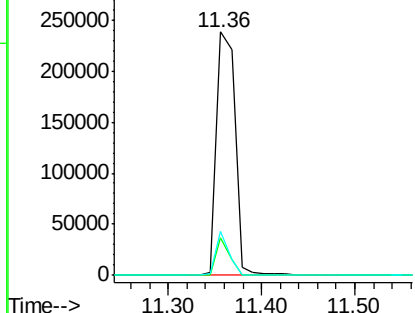
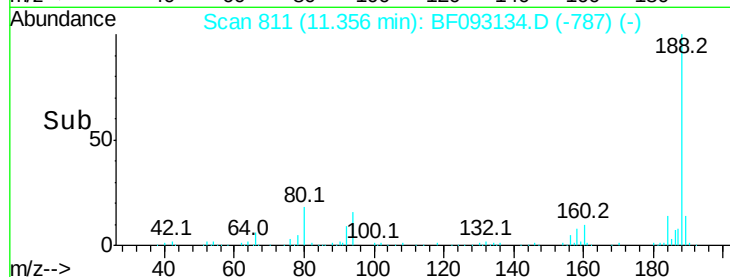
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093134.D
Acq: 24 Feb 2017 6:58

Instrument :
BNA_F
ClientSampleId :
PB97124TB

Tot Ion:188 Resp: 328589
Ion Ratio Lower Upper
188 100
94 15.5 10.0 15.0#
80 18.1 11.2 16.8#

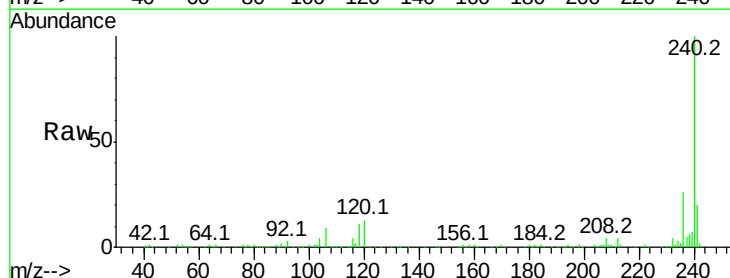


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

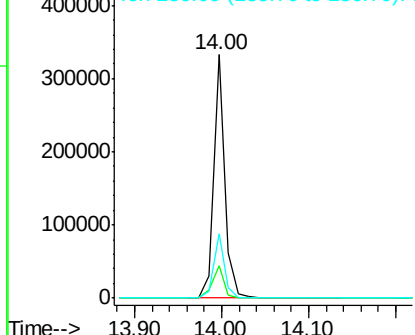
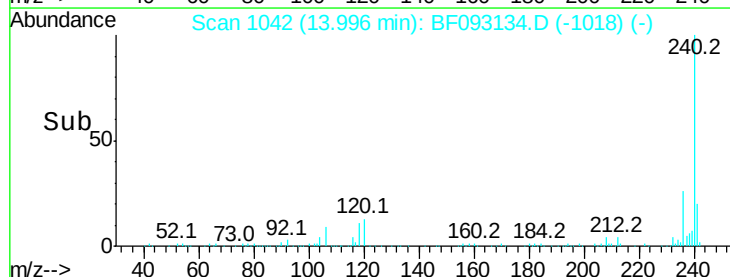


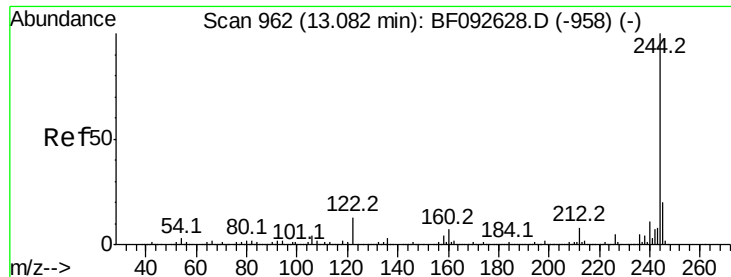
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093134.D
Acq: 24 Feb 2017 6:58

Tgt Ion:240 Resp: 299711
Ion Ratio Lower Upper
240 100
120 13.2 12.9 19.3
236 26.4 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: 67.85 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093134.D

Acq: 24 Feb 2017 6:58

Instrument :

BNA_F

ClientSampleId :

PB97124TB

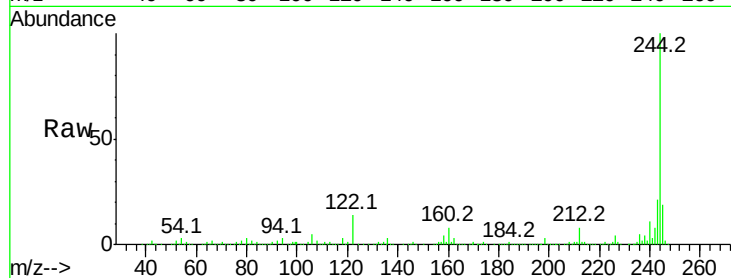
Tot Ion:244 Resp: 865473

Ion Ratio Lower Upper

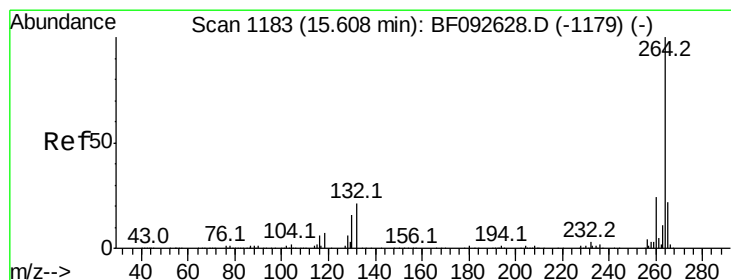
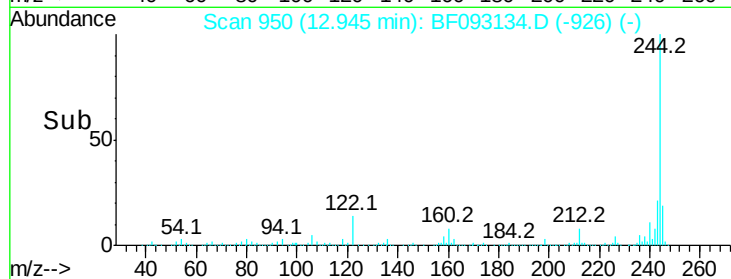
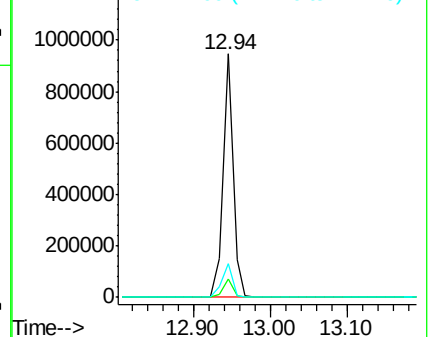
244 100

212 7.7 6.2 9.2

122 14.1 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: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093134.D

Acq: 24 Feb 2017 6:58

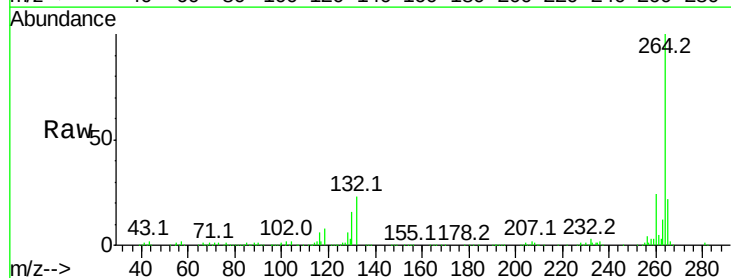
Tgt Ion:264 Resp: 237216

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.1 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

