

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
 Data File : BF094669.D
 Acq On : 27 Apr 2017 17:52
 Operator : SJ/MA
 Sample : PB98520TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98520TB

Quant Time: Apr 28 04:34:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	114361	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	461994	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	215925	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	378951	20.00	ng	0.00
75) Chrysene-d12	14.47	240	306680	20.00	ng	0.00
86) Perylene-d12	16.09	264	223486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	908801	131.84	ng	0.03
7) Phenol-d6	5.40	99	1108293	136.38	ng	0.00
23) Nitrobenzene-d5	6.42	82	673657	90.04	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	235181	139.25	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1259865	85.85	ng	0.00
78) Terphenyl-d14	13.20	244	1147007	99.97	ng	0.00

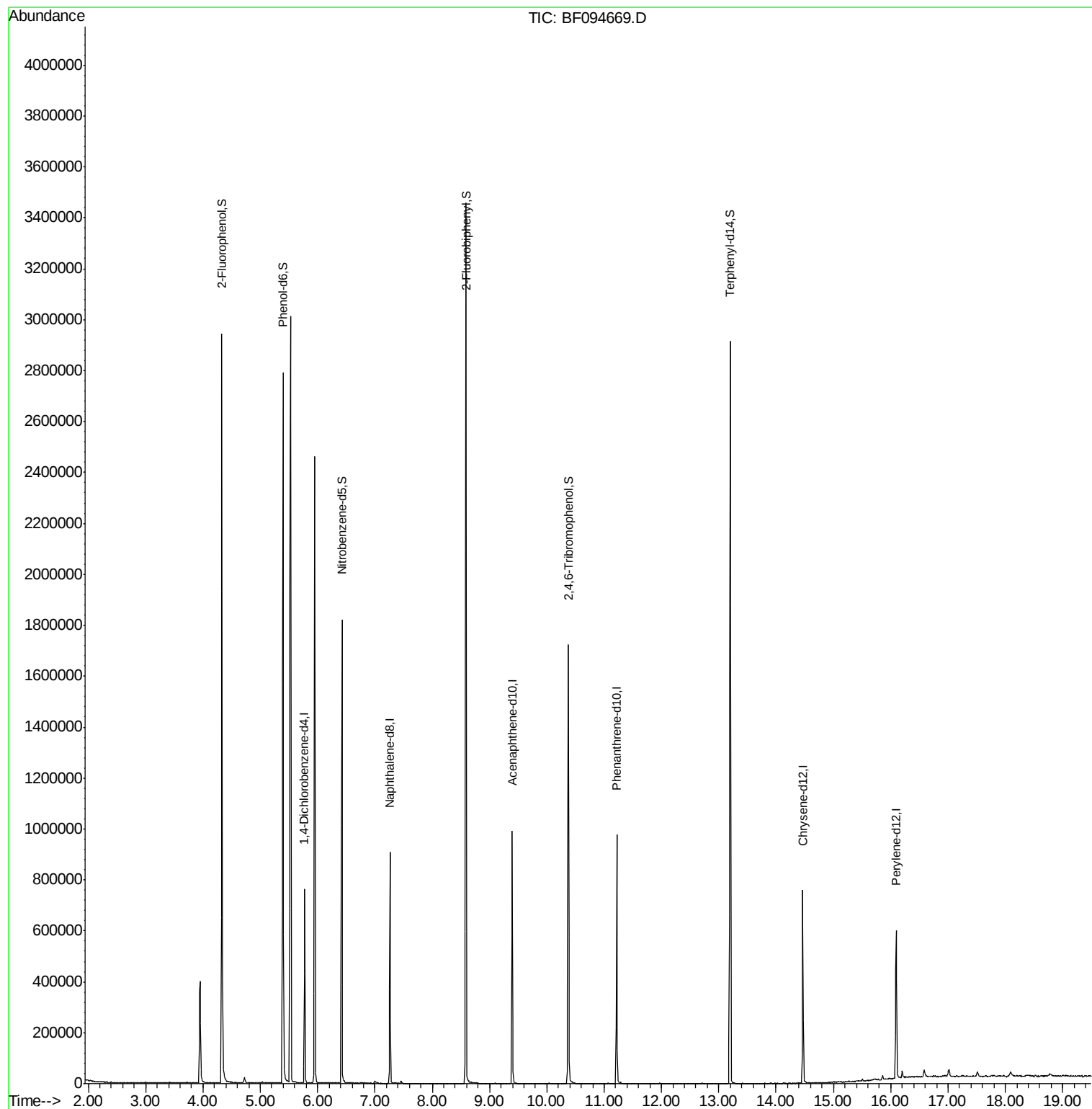
Target Compounds Qvalue

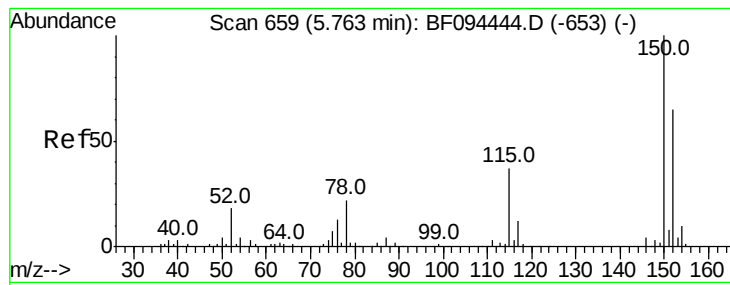
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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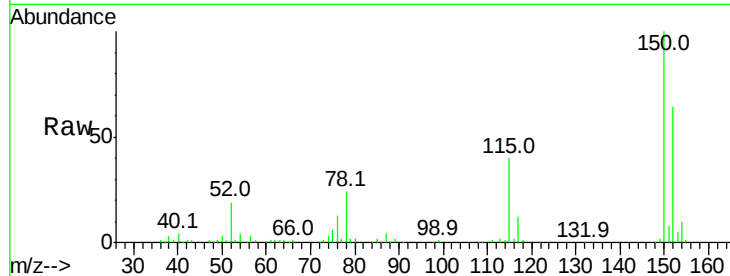


#1

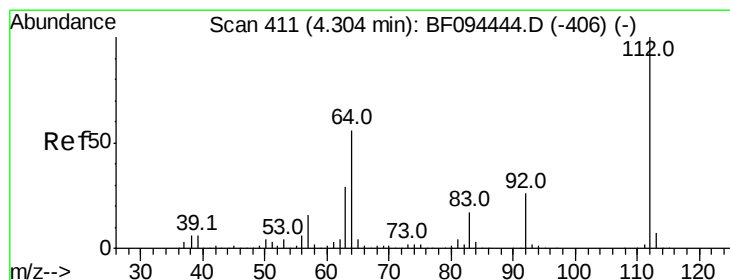
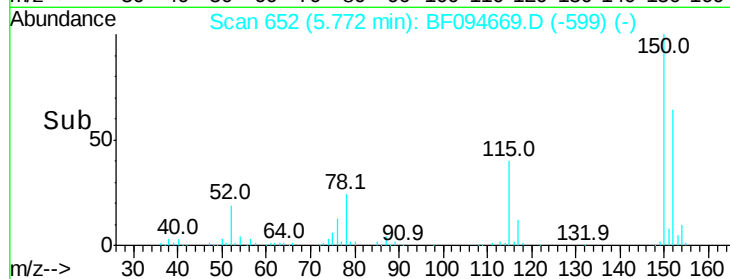
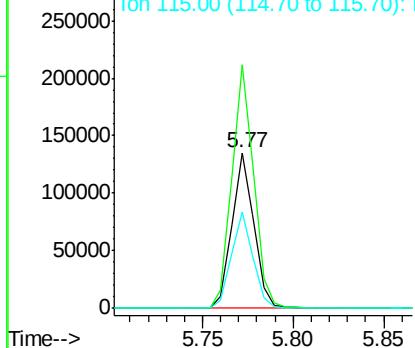
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094669.D
Acq: 27 Apr 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB98520TB

Tot Ion:152 Resp: 114361
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 61.9 52.2 78.2



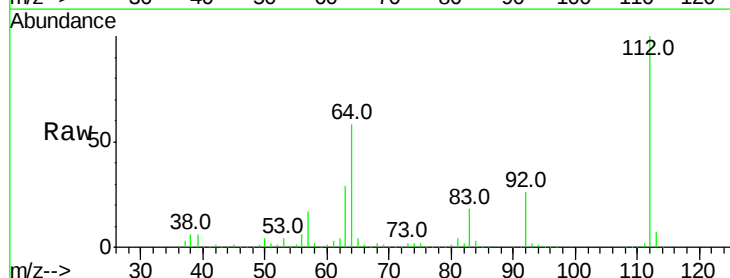
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



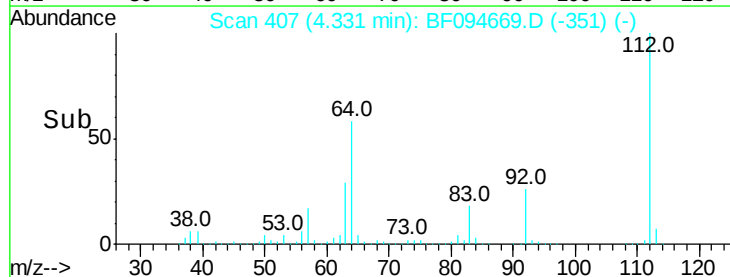
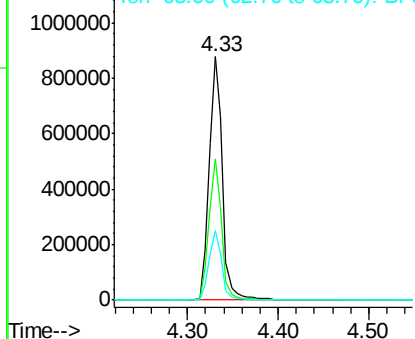
#5

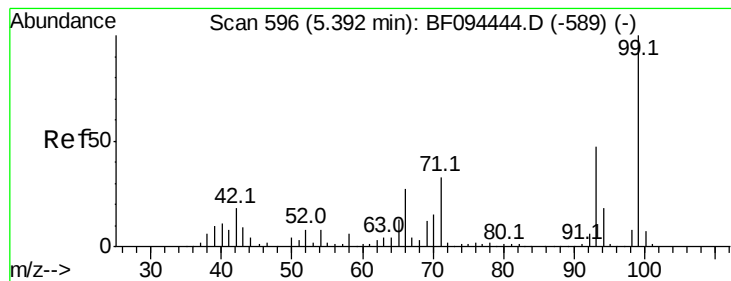
2-Fluorophenol
Concen: 131.84 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094669.D
Acq: 27 Apr 2017 17:52

Tgt Ion:112 Resp: 908801
Ion Ratio Lower Upper
112 100
64 57.9 46.0 69.0
63 28.7 23.4 35.0



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: 136.38 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094669.D

Acq: 27 Apr 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB98520TB

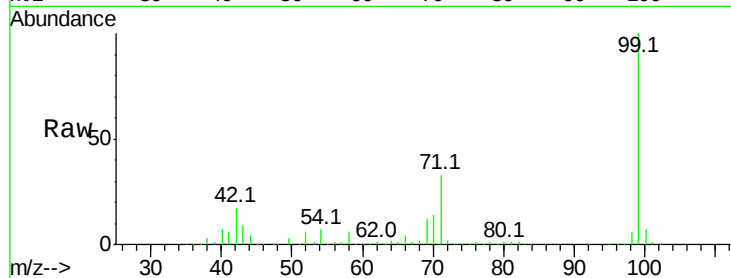
Tot Ion: 99 Resp: 1108293

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.5	20.3
71	32.9	24.5	36.7

99 100

42 16.7 13.5 20.3

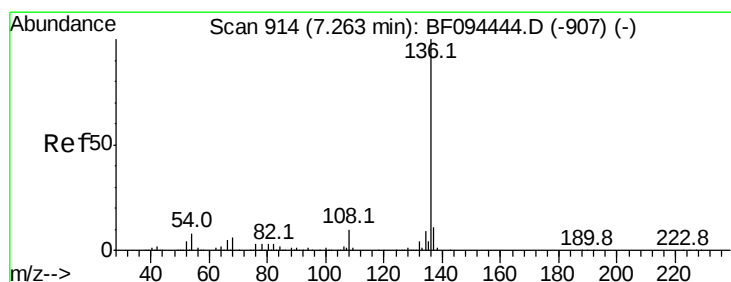
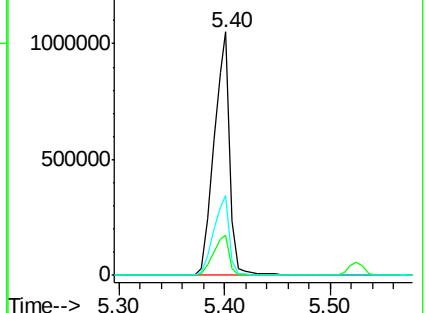
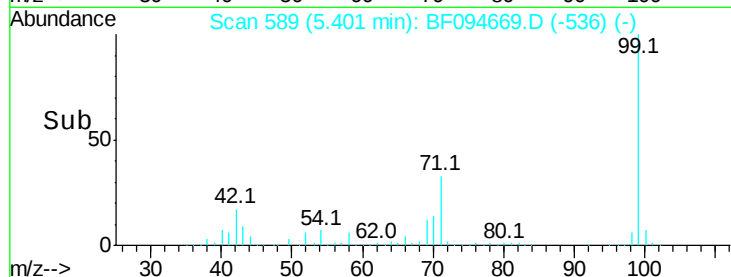
71 32.9 24.5 36.7



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: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094669.D

Acq: 27 Apr 2017 17:52

Tgt Ion: 136 Resp: 461994

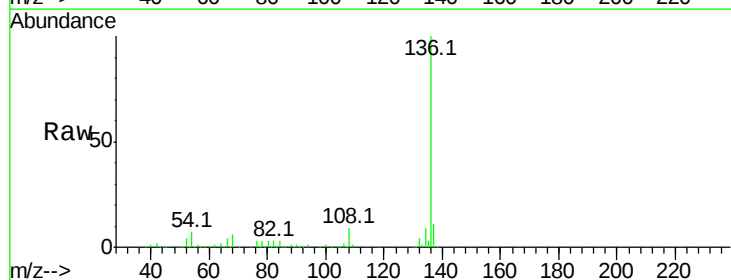
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.2	4.9	7.3
68	5.6	4.1	6.1

136 100

137 10.7 8.5 12.7

54 7.2 4.9 7.3

68 5.6 4.1 6.1

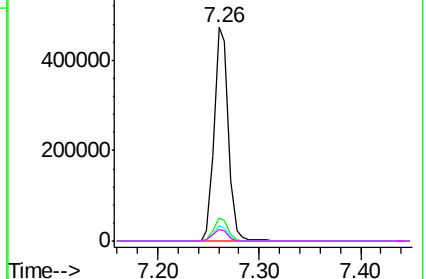
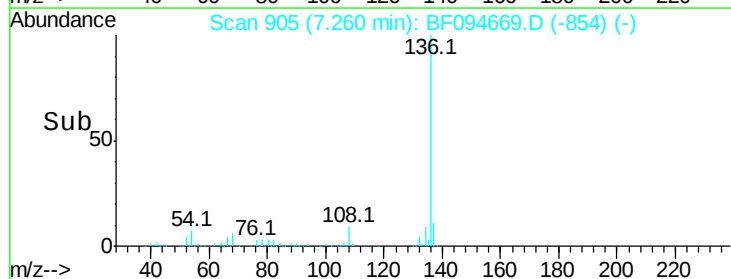


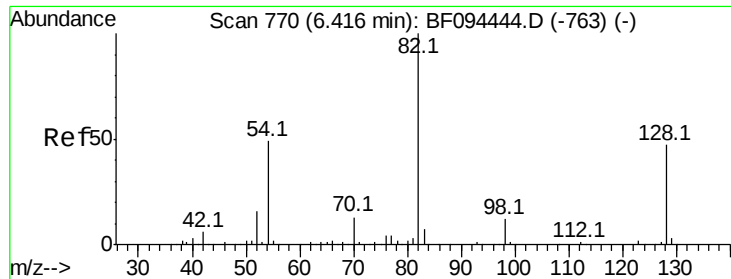
Abundance Ion 136.00 (135.70 to 136.70): E

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

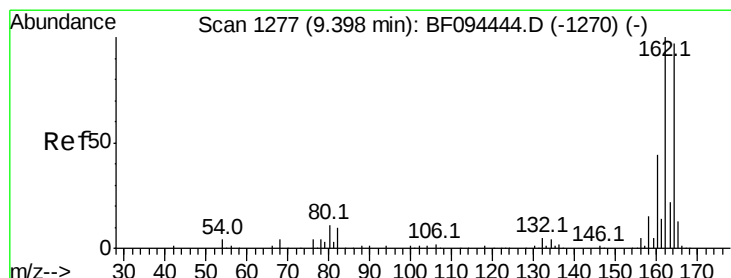
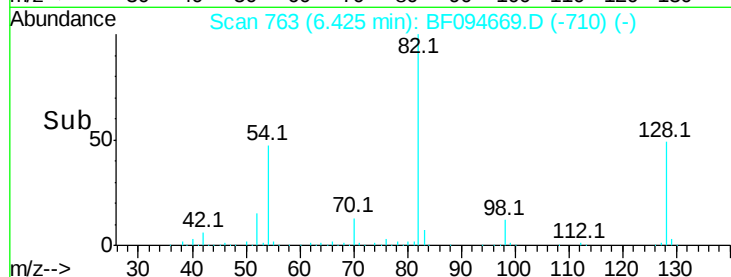
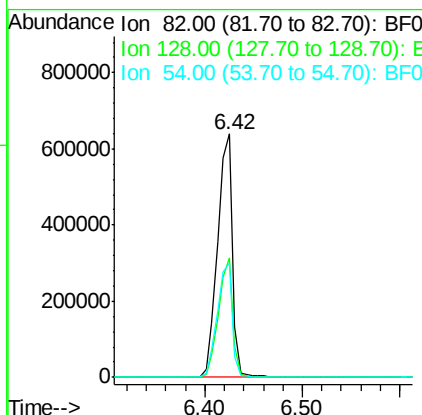
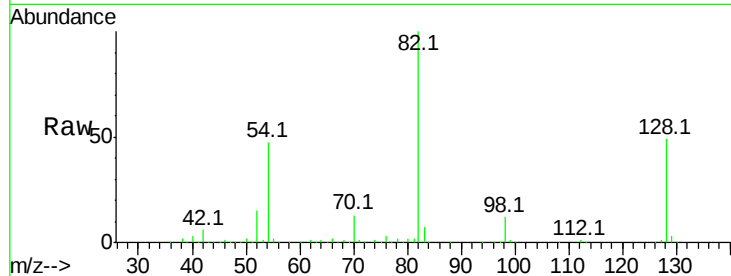




#23
 Nitrobenzene-d5
 Concen: 90.04 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094669.D
 Acq: 27 Apr 2017 17:52

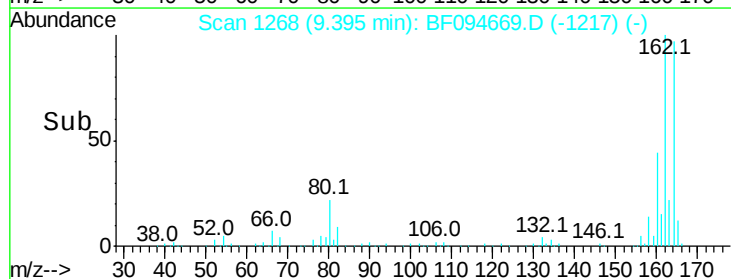
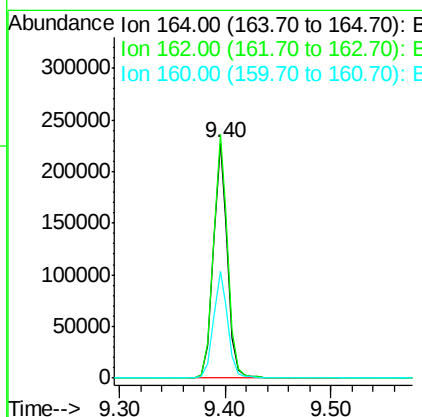
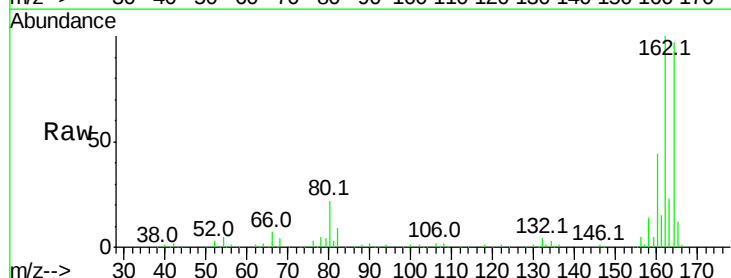
Instrument :
 BNA_F
 ClientSampleId :
 PB98520TB

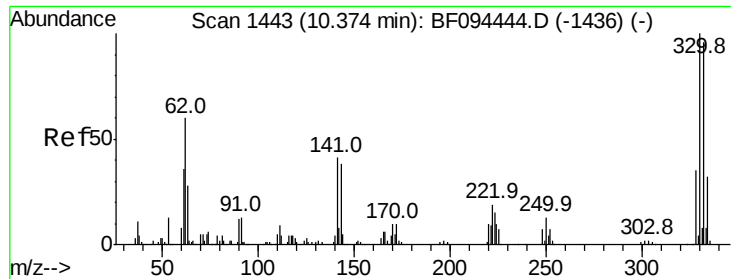
Tot Ion	82	Resp	673657
Ion Ratio	Lower	Upper	
82	100		
128	48.8	34.0	51.0
54	47.2	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094669.D
 Acq: 27 Apr 2017 17:52

Tgt Ion	164	Resp	215925
Ion Ratio	Lower	Upper	
164	100		
162	103.5	82.6	123.8
160	45.3	36.2	54.2

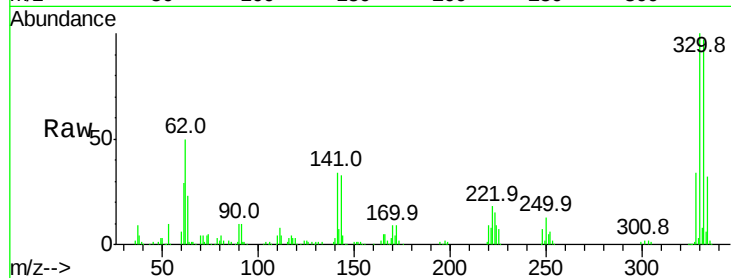




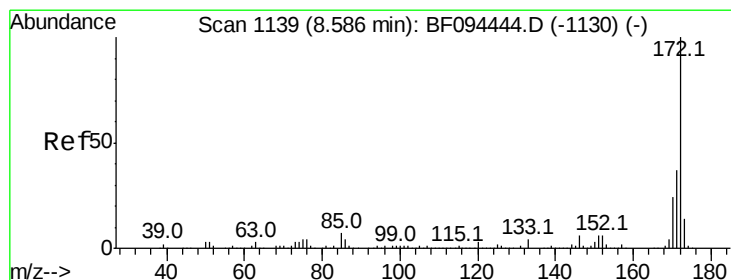
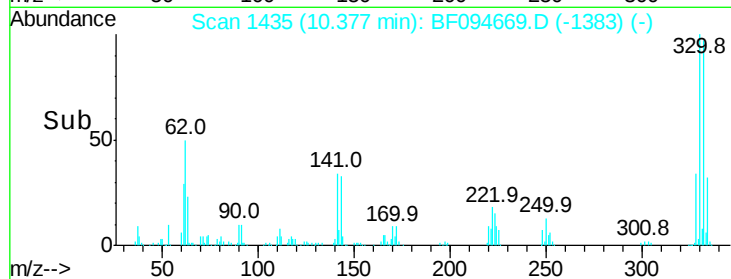
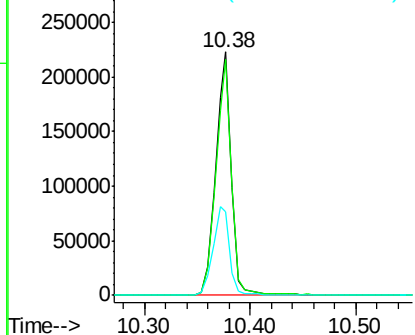
#41
 2,4,6-Tribromophenol
 Concen: 139.25 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094669.D
 Acq: 27 Apr 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB98520TB

Tot Ion:330 Resp: 235181
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 38.4 31.4 47.2

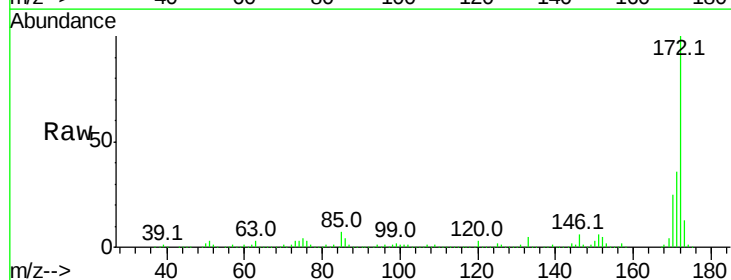


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

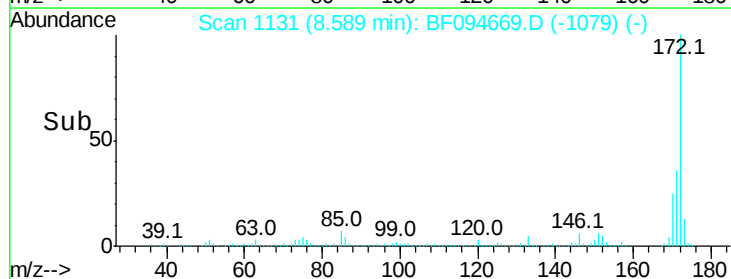
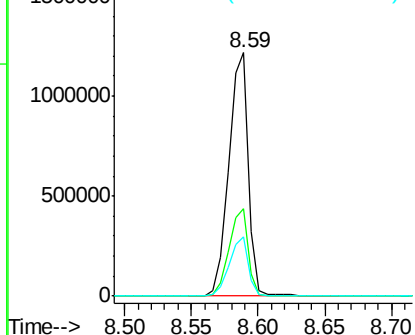


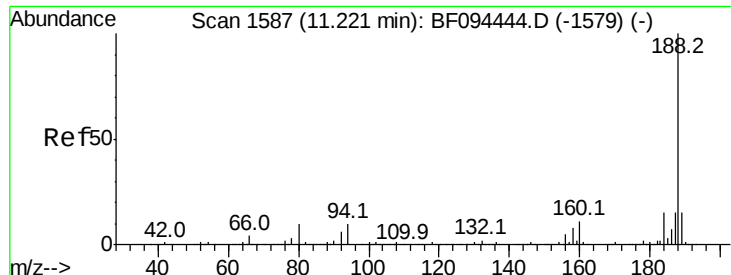
#44
 2-Fluorobiphenyl
 Concen: 85.85 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094669.D
 Acq: 27 Apr 2017 17:52

Tgt Ion:172 Resp: 1259865
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.5 19.8 29.8



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

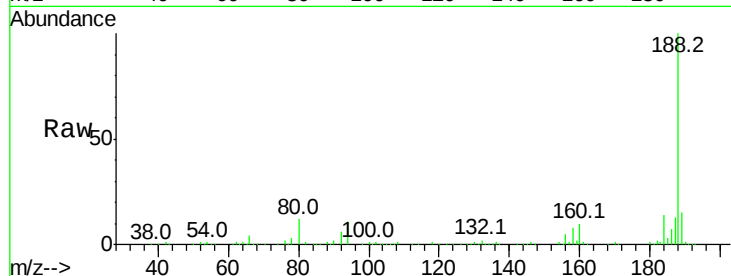




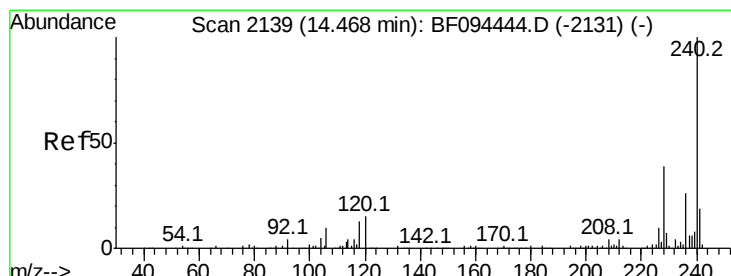
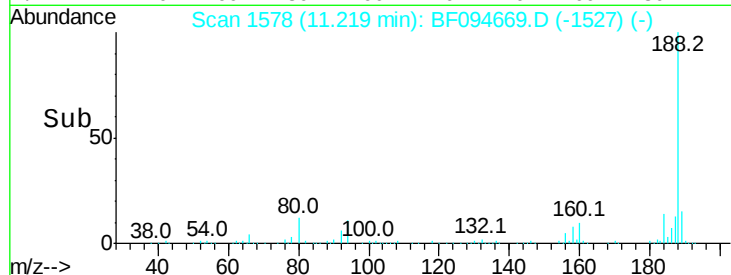
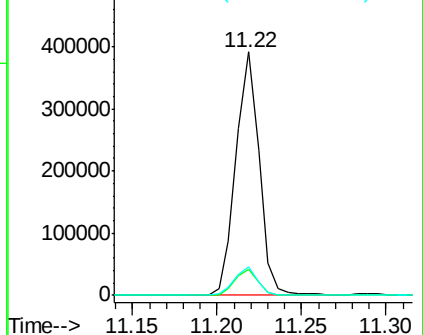
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094669.D
Acq: 27 Apr 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB98520TB

Tot Ion:188 Resp: 378951
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.9 10.2 15.2

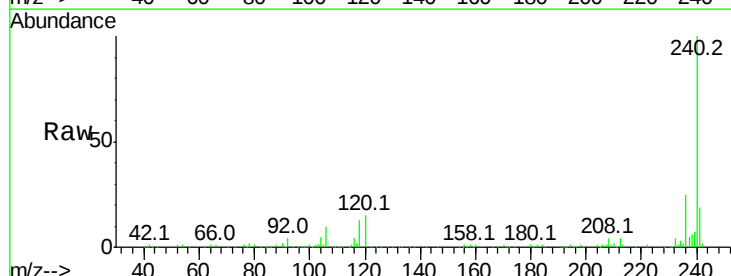


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

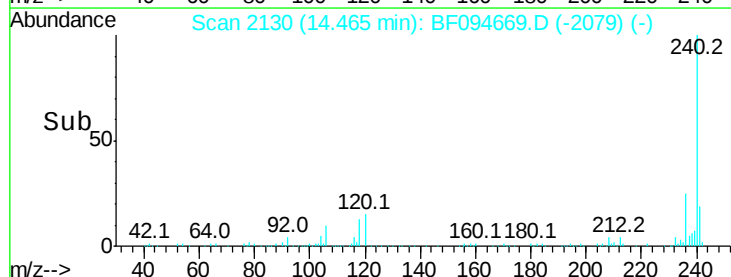
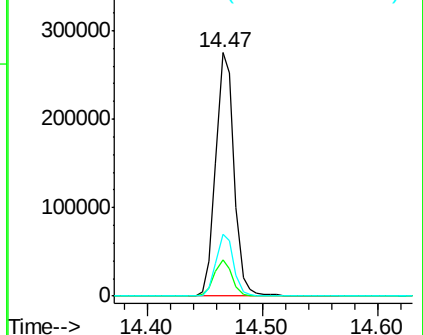


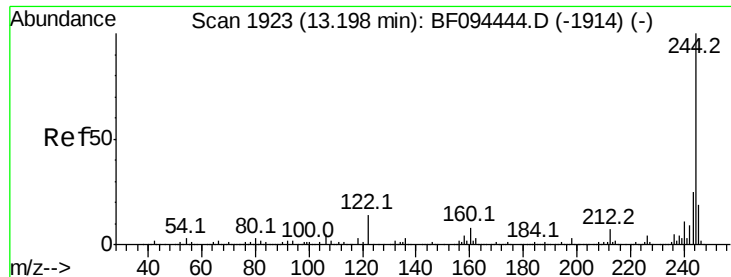
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094669.D
Acq: 27 Apr 2017 17:52

Tgt Ion:240 Resp: 306680
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 25.2 20.5 30.7



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: 99.97 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094669.D

Acq: 27 Apr 2017 17:52

Instrument :

BNA_F

ClientSampleID :

PB98520TB

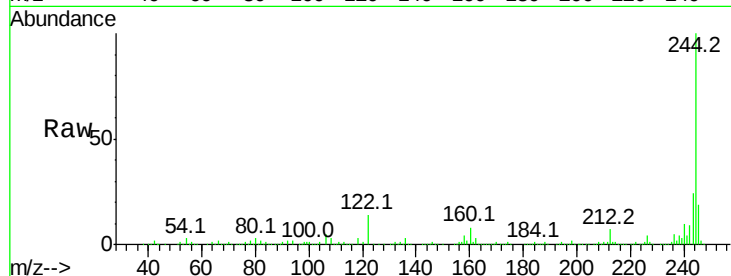
Tot Ion:244 Resp: 1147007

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

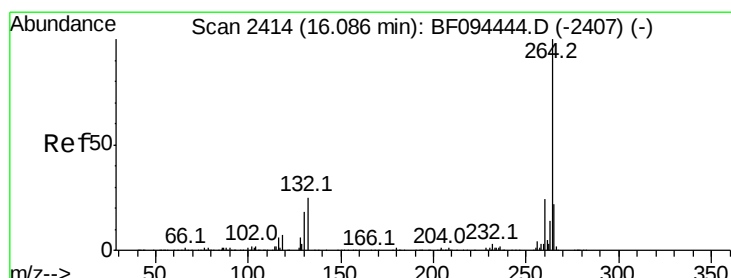
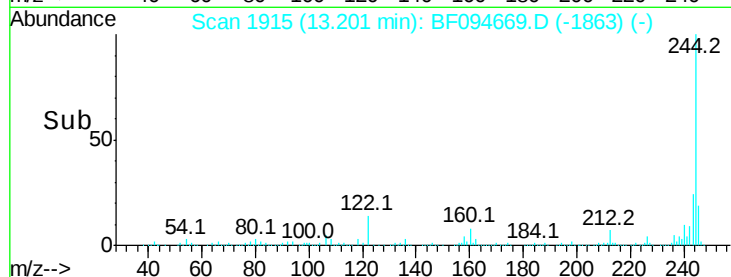
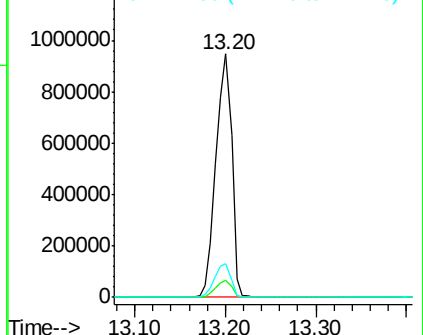
122 13.7 10.3 15.5



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: 16.09 min Scan# 2407

Delta R.T. 0.01 min

Lab File: BF094669.D

Acq: 27 Apr 2017 17:52

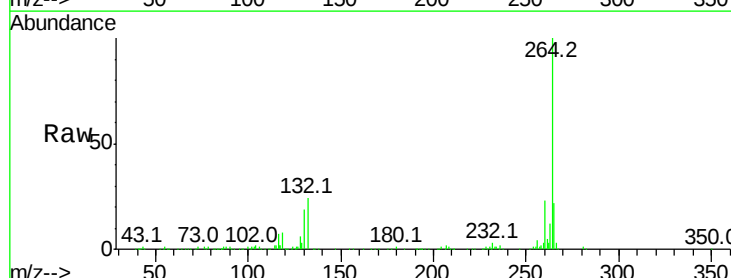
Tgt Ion:264 Resp: 223486

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.9 17.2 25.8



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

