

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091745.D
 Acq On : 18 Dec 2016 19:19
 Operator : UM/SJ
 Sample : H6125-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-45(22-24)-12-14-16

Quant Time: Dec 19 03:23:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

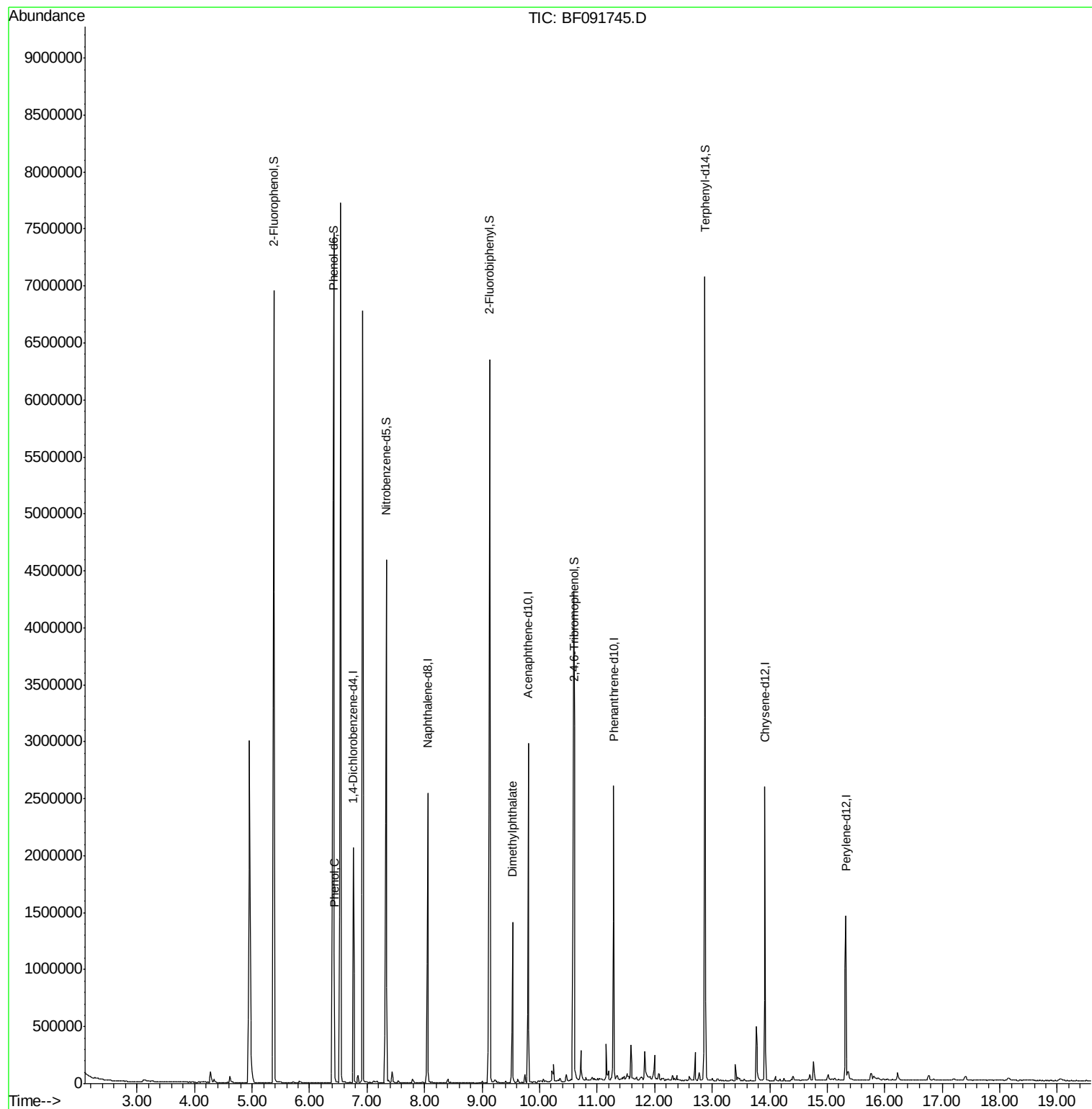
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	353481	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1305502	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	652324	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1134471	20.00	ng	0.00
75) Chrysene-d12	13.92	240	891299	20.00	ng	-0.01
86) Perylene-d12	15.32	264	700233	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	3003717	142.37	ng	0.01
7) Phenol-d6	6.42	99	3394979	131.94	ng	0.00
23) Nitrobenzene-d5	7.33	82	1961552	86.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	844022	152.59	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	3295307	101.49	ng	-0.01
78) Terphenyl-d14	12.88	244	2433264	68.93	ng	0.00
Target Compounds						
10) Phenol	6.43	94	295540	10.19	ng	Qvalue # 64
49) Dimethylphthalate	9.53	163	621694	14.59	ng	100

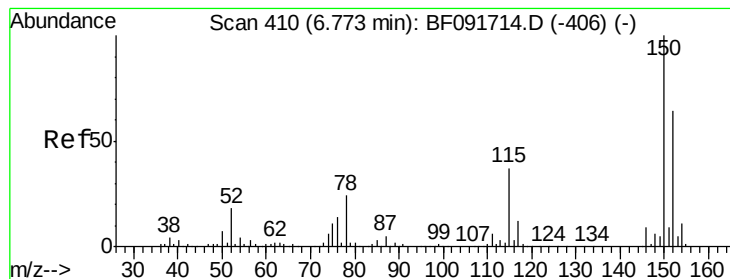
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091745.D

Acq: 18 Dec 2016 19:19

Instrument :

BNA_F

ClientSampleId :

SB-45(22-24)-12-14-16

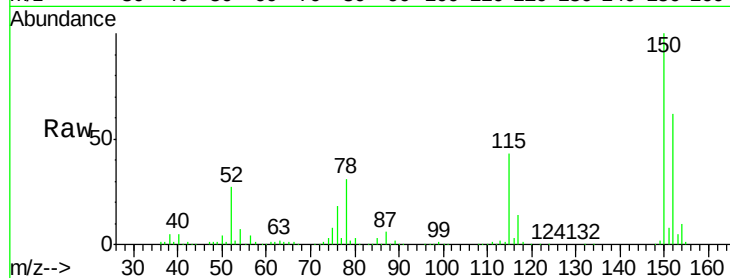
Tot Ion:152 Resp: 353481

Ion Ratio Lower Upper

152 100

150 160.5 124.9 187.3

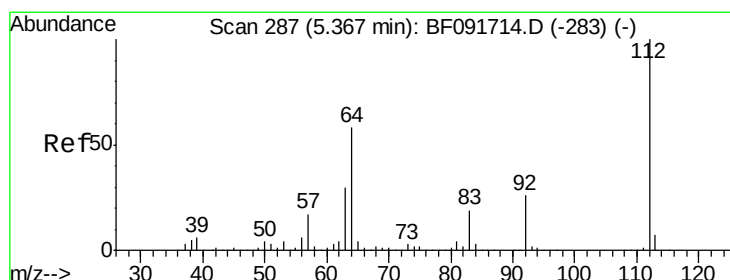
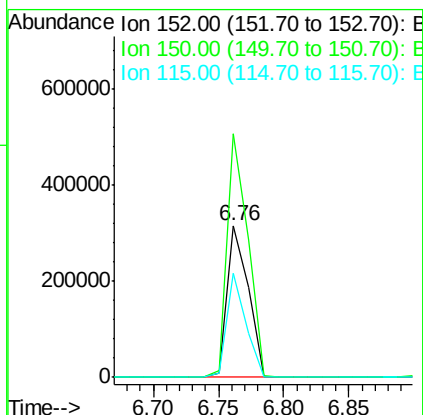
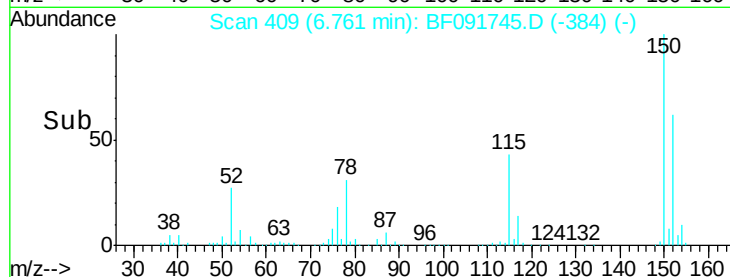
115 68.9 46.0 69.0



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: 142.37 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091745.D

Acq: 18 Dec 2016 19:19

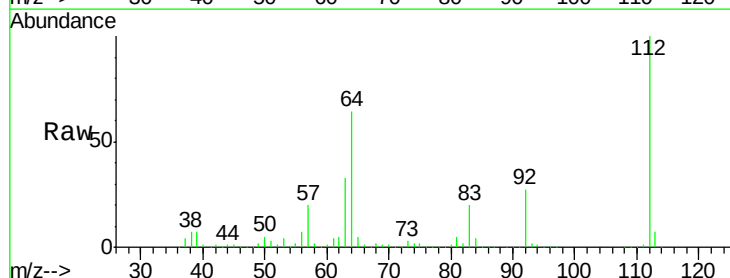
Tgt Ion:112 Resp: 3003717

Ion Ratio Lower Upper

112 100

64 64.4 46.1 69.1

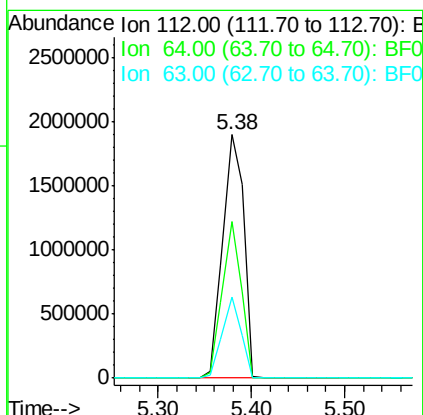
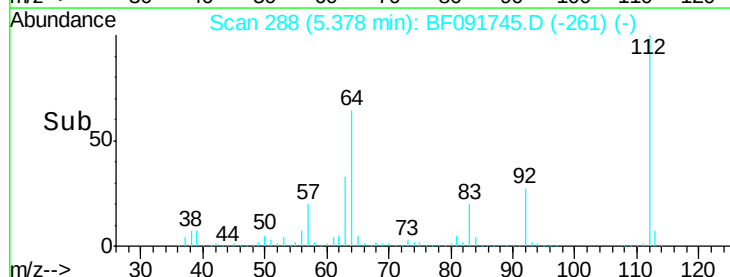
63 33.3 23.8 35.6

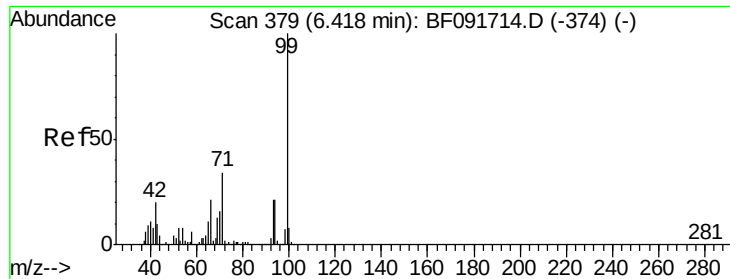


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.94 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091745.D

Acq: 18 Dec 2016 19:19

Instrument :

BNA_F

ClientSampleId :

SB-45(22-24)-12-14-16

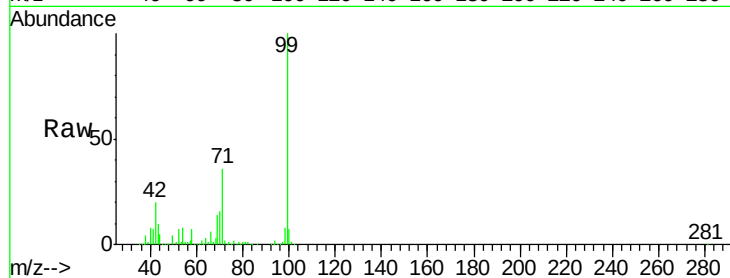
Tot Ion: 99 Resp: 3394979

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

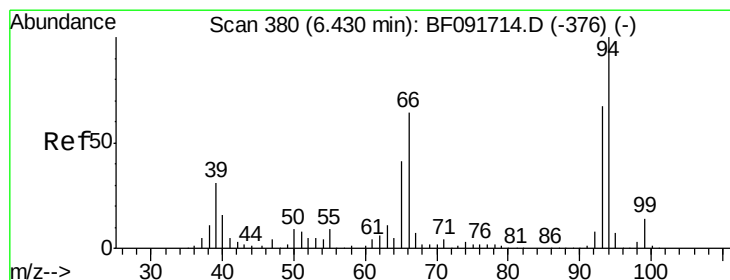
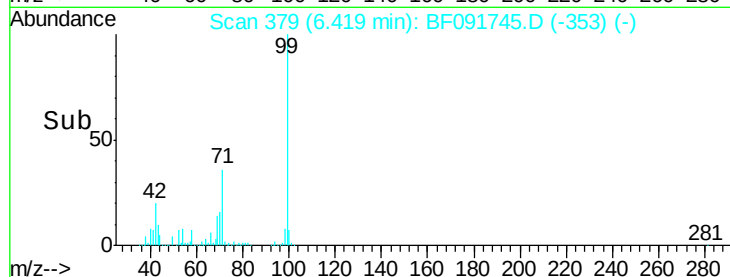
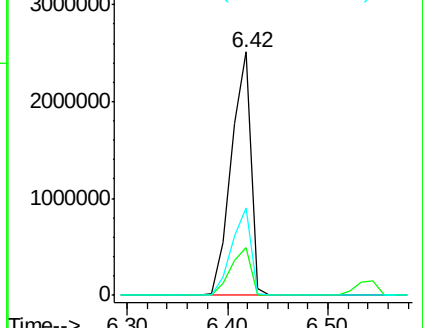
71 35.9 27.5 41.3



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



#10

Phenol

Concen: 10.19 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091745.D

Acq: 18 Dec 2016 19:19

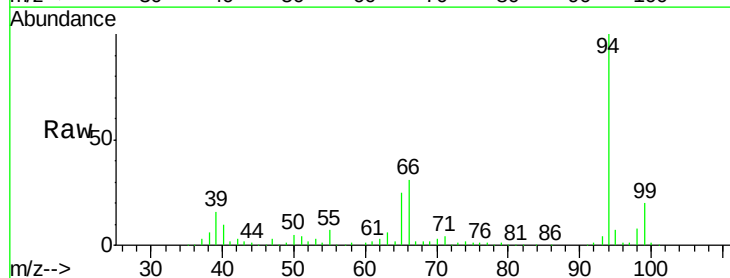
Tgt Ion: 94 Resp: 295540

Ion Ratio Lower Upper

94 100

65 24.6 21.4 61.4

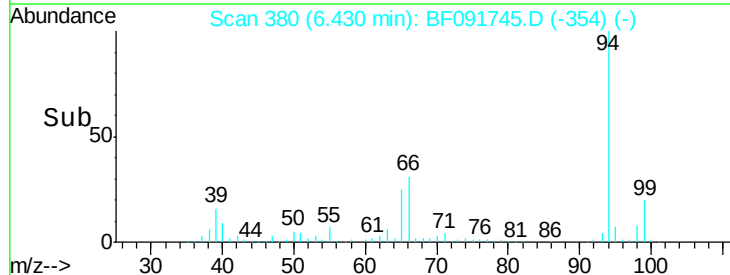
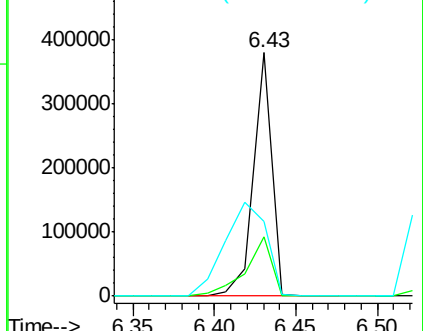
66 30.8 44.0 84.0#

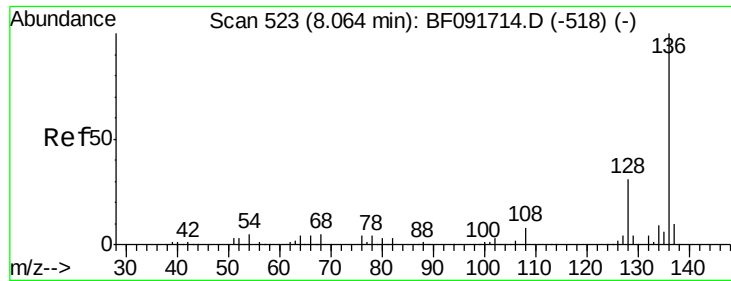


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

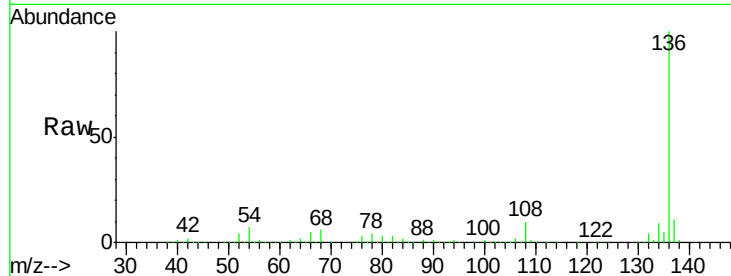




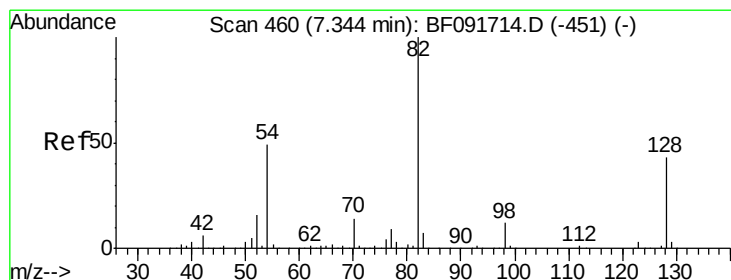
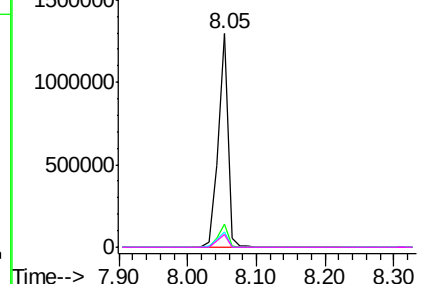
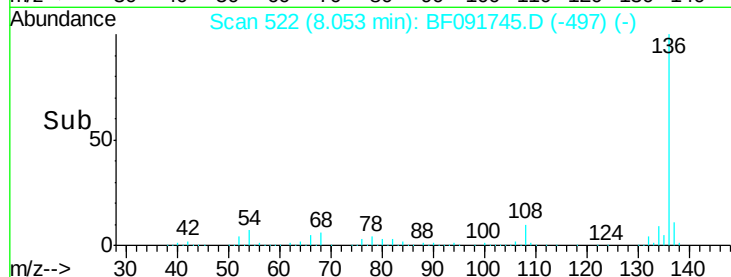
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091745.D
Acq: 18 Dec 2016 19:19

Instrument :
BNA_F
ClientSampleId :
SB-45(22-24)-12-14-16

Tot Ion:136 Resp: 1305502
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.2 4.5 6.7#
68 5.8 3.6 5.4#

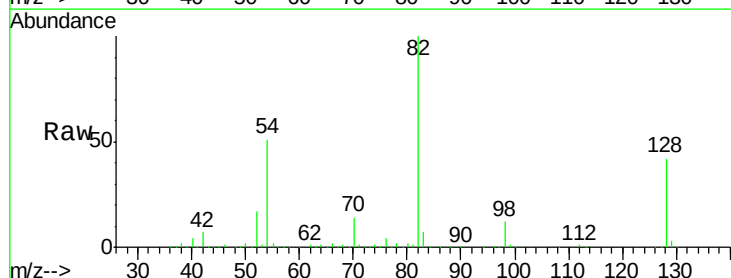


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

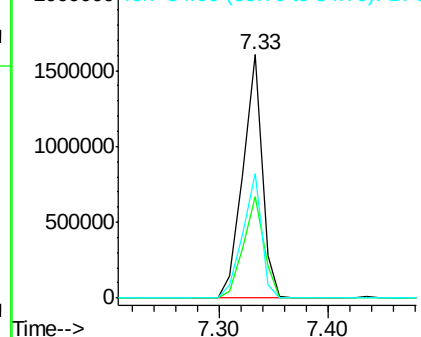
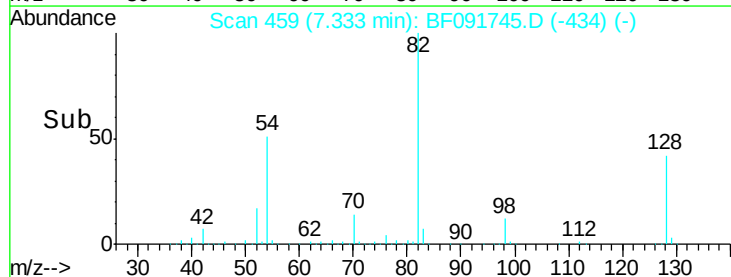


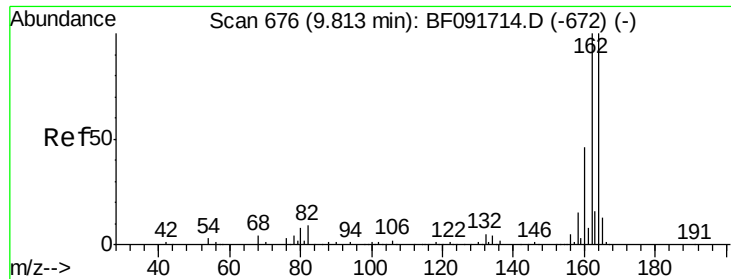
#23
Nitrobenzene-d5
Concen: 86.65 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091745.D
Acq: 18 Dec 2016 19:19

Tgt Ion: 82 Resp: 1961552
Ion Ratio Lower Upper
82 100
128 41.9 34.6 52.0
54 51.0 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

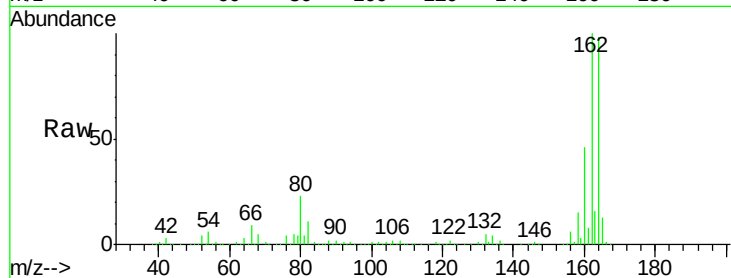




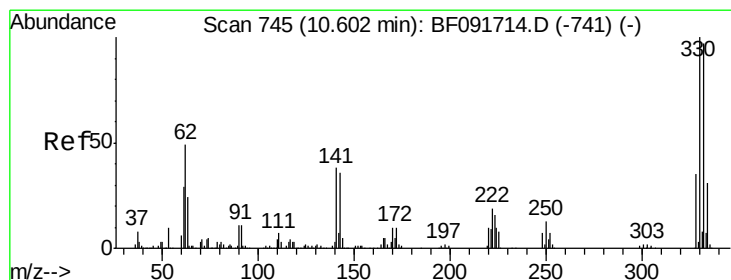
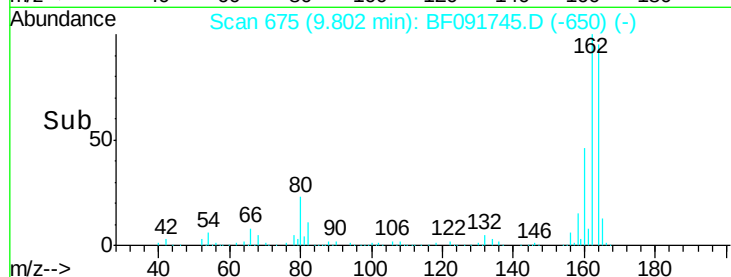
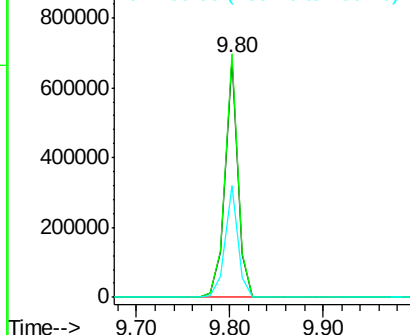
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091745.D
Acq: 18 Dec 2016 19:19

Instrument :
BNA_F
ClientSampleId :
SB-45(22-24)-12-14-16

Tot Ion:164 Resp: 652324
Ion Ratio Lower Upper
164 100
162 101.9 80.2 120.2
160 47.0 36.9 55.3

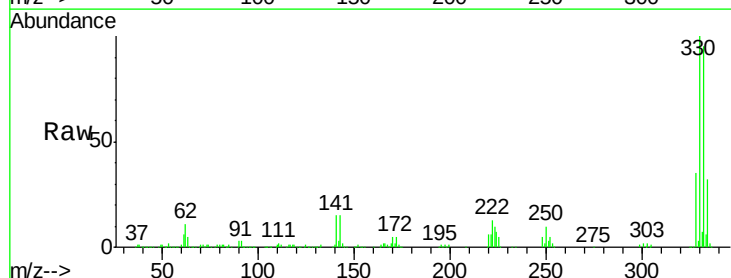


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

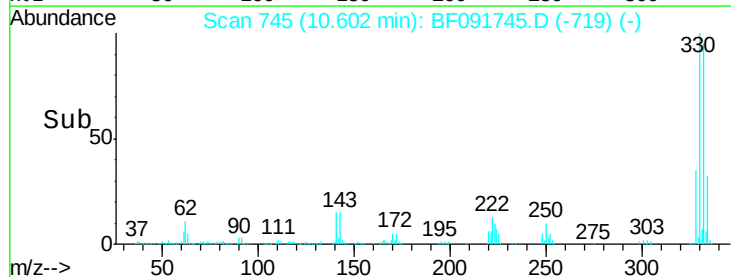
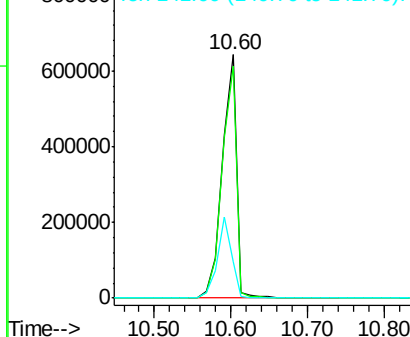


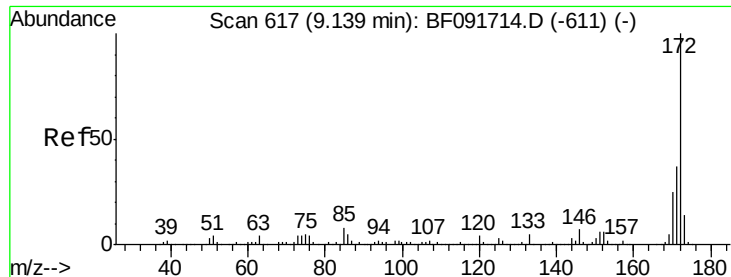
#41
2,4,6-Tribromophenol
Concen: 152.59 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF091745.D
Acq: 18 Dec 2016 19:19

Tgt Ion:330 Resp: 844022
Ion Ratio Lower Upper
330 100
332 96.9 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

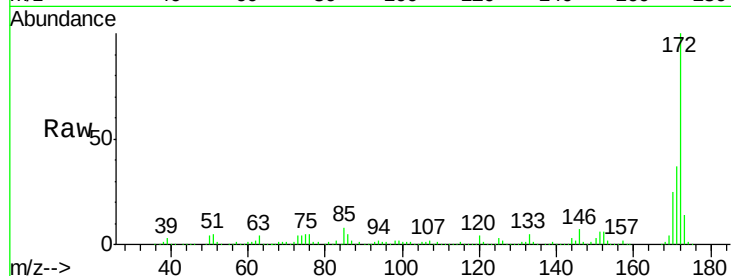




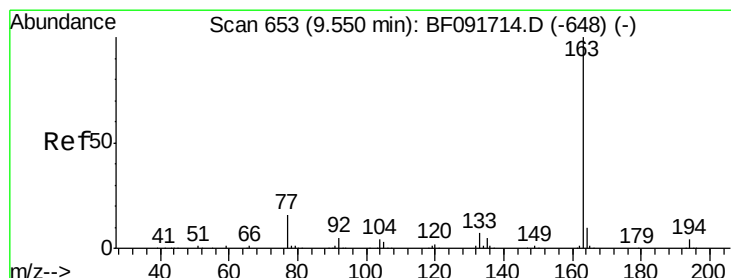
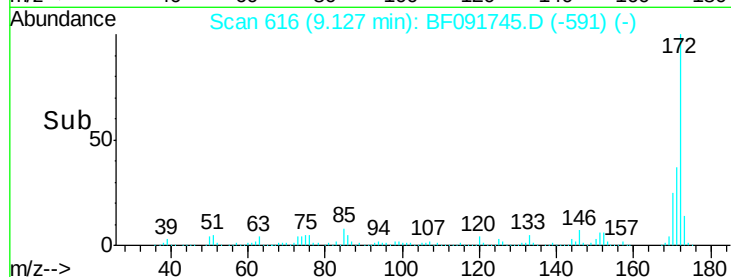
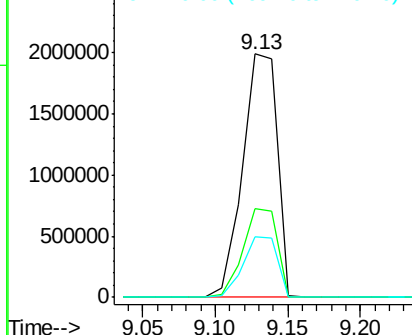
#44
2-Fluorobiphenyl
Concen: 101.49 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091745.D
Acq: 18 Dec 2016 19:19

Instrument :
BNA_F
ClientSampleId :
SB-45(22-24)-12-14-16

Tot Ion:172 Resp: 3295307
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.6 20.2 30.4

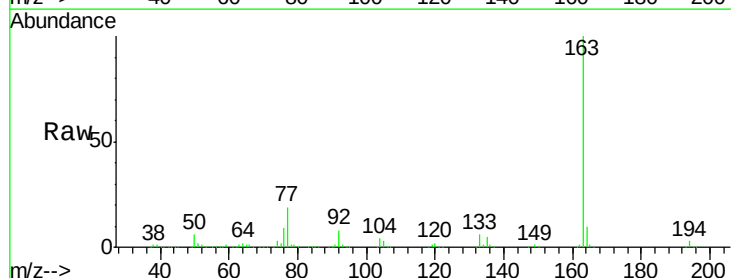


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

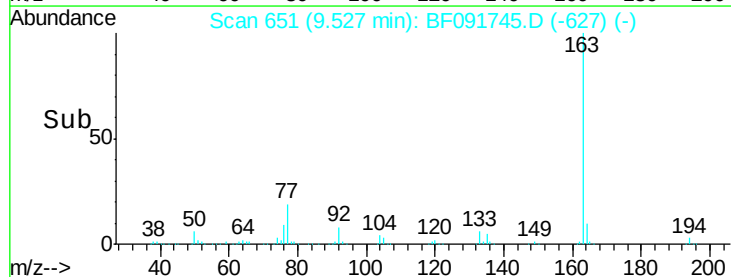
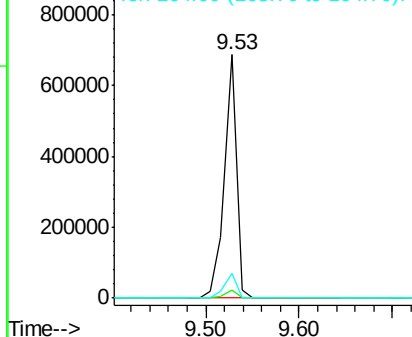


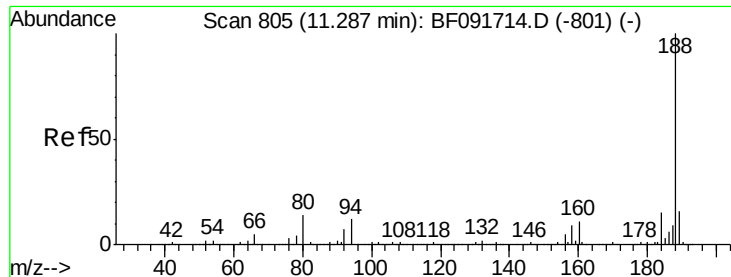
#49
Dimethylphthalate
Concen: 14.59 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF091745.D
Acq: 18 Dec 2016 19:19

Tgt Ion:163 Resp: 621694
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

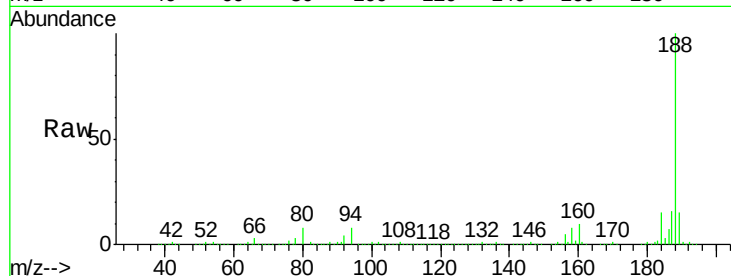




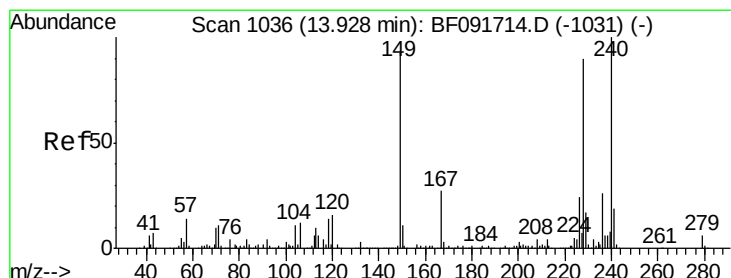
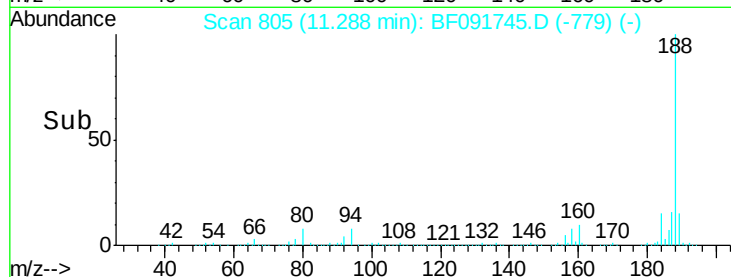
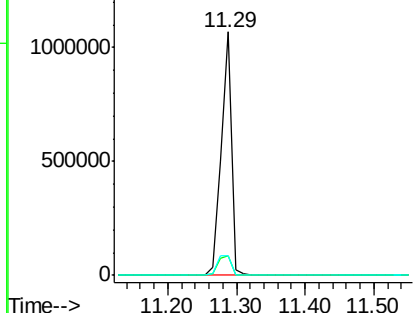
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091745.D
Acq: 18 Dec 2016 19:19

Instrument :
BNA_F
ClientSampleId :
SB-45(22-24)-12-14-16

Tot Ion:188 Resp: 1134471
Ion Ratio Lower Upper
188 100
94 8.0 10.0 15.0#
80 8.2 11.2 16.8#

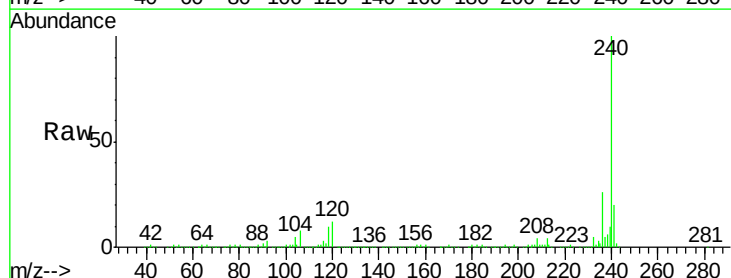


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

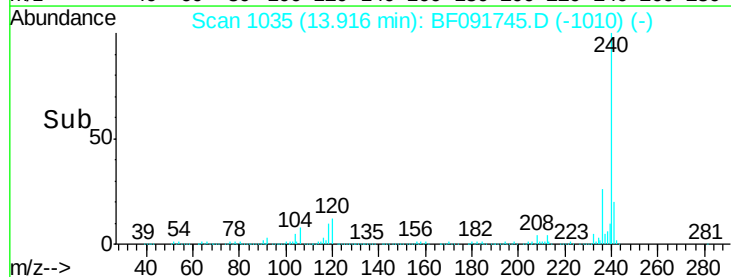
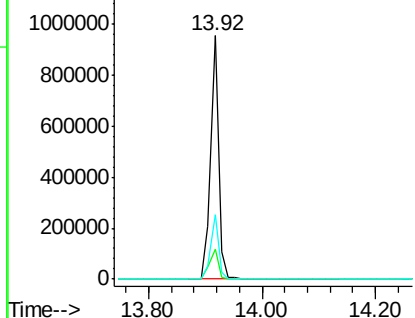


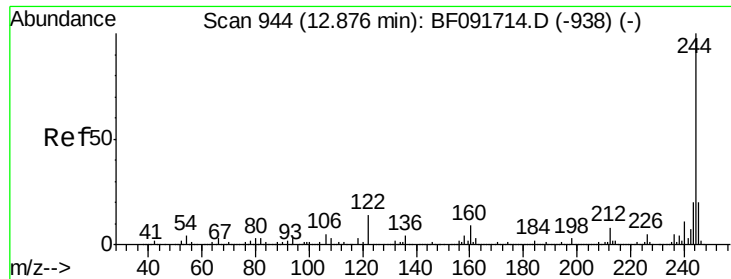
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091745.D
Acq: 18 Dec 2016 19:19

Tgt Ion:240 Resp: 891299
Ion Ratio Lower Upper
240 100
120 12.2 12.9 19.3#
236 26.3 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



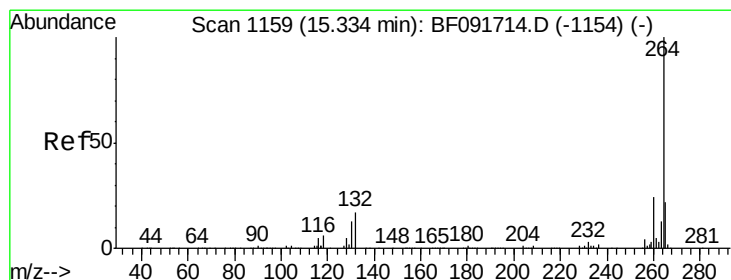
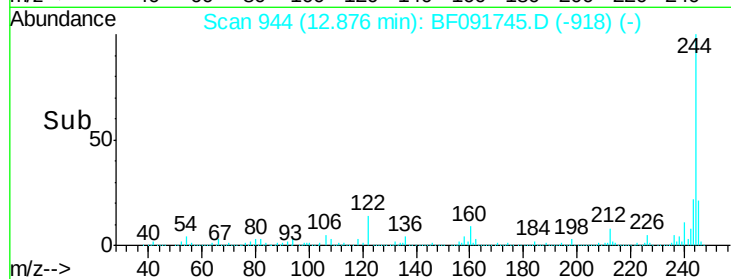
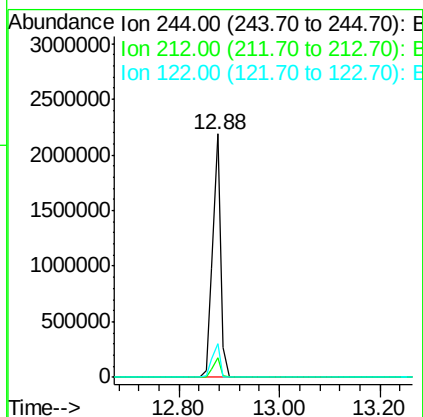
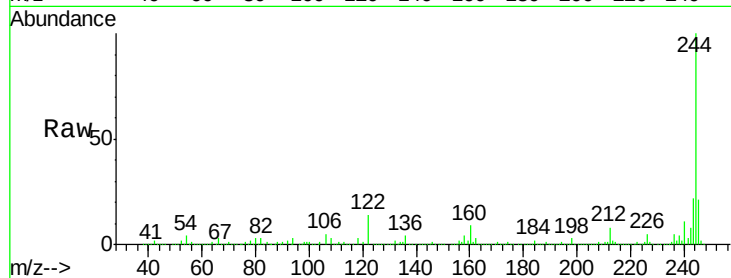


#78
 Terphenyl-d14
 Concen: 68.93 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091745.D
 Acq: 18 Dec 2016 19:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-45(22-24)-12-14-16

Tot Ion:244 Resp: 2433264

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.0	11.4	17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091745.D
 Acq: 18 Dec 2016 19:19

Tgt Ion:264 Resp: 700233

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.6	17.4	26.0

