

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
 Data File : BF090578.D
 Acq On : 14 Oct 2016 19:18
 Operator : UM/SJ
 Sample : H5260-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-SCREENINGS

Quant Time: Oct 14 22:51:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

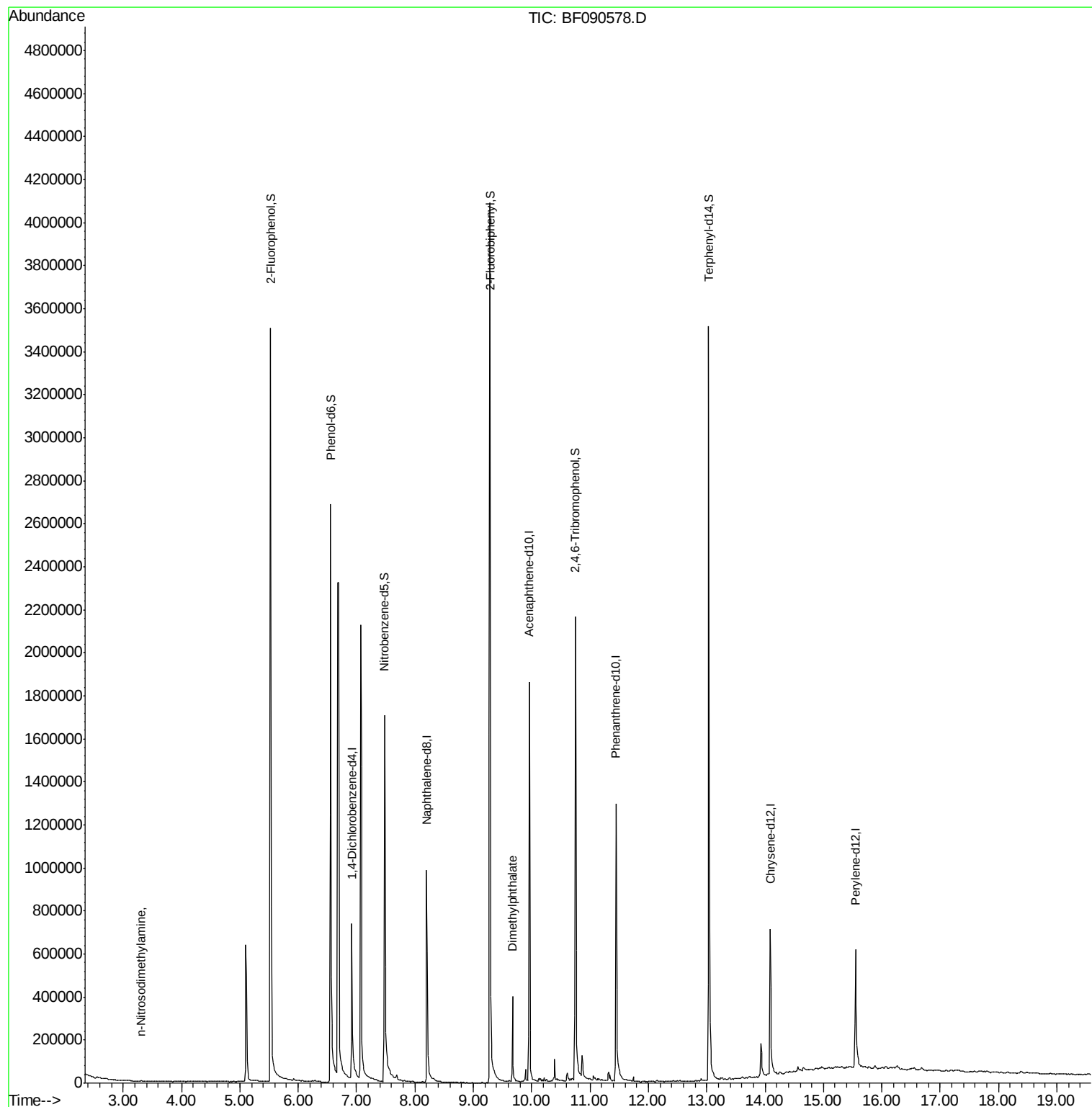
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	168873	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	704629	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	391834	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	607937	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	350510	20.00	ng	-0.01
86) Perylene-d12	15.55	264	311991	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1028984	111.70	ng	0.00
7) Phenol-d6	6.55	99	1419655	103.72	ng	0.00
23) Nitrobenzene-d5	7.48	82	847498	66.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	296745	84.95	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1619394	68.10	ng	0.00
78) Terphenyl-d14	13.04	244	1326711	88.13	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.31	42	433	7.26	ng	Qvalue # 1
49) Dimethylphthalate	9.67	163	179506	7.06	ng	98

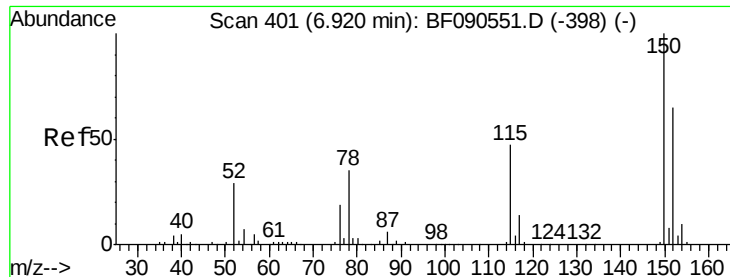
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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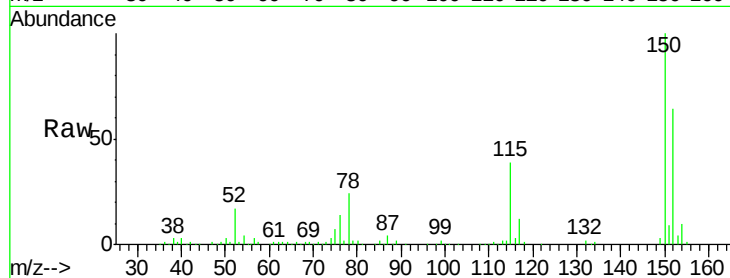


#1

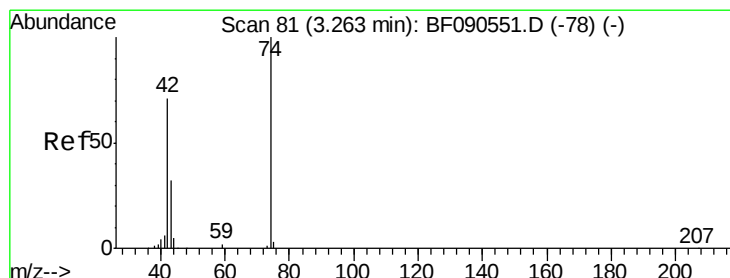
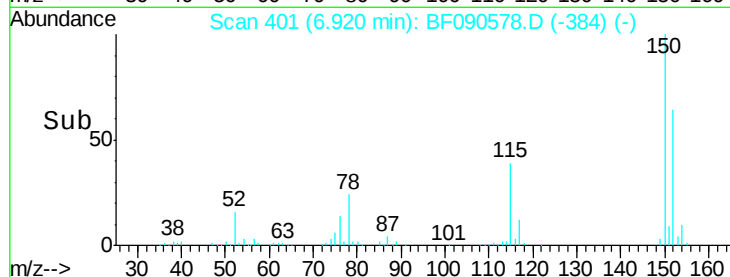
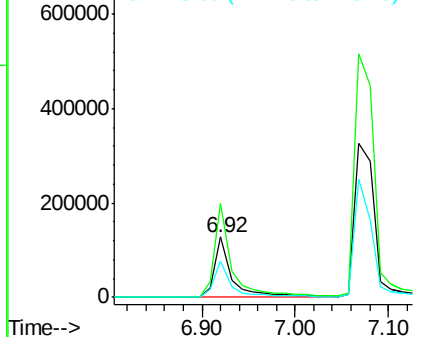
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF090578.D
Acq: 14 Oct 2016 19:18

Instrument :
BNA_F
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TILCON-SCREENINGS

Tgt Ion: 152 Resp: 168873
Ion Ratio Lower Upper
152 100
150 155.3 127.2 190.8
115 60.8 58.6 88.0



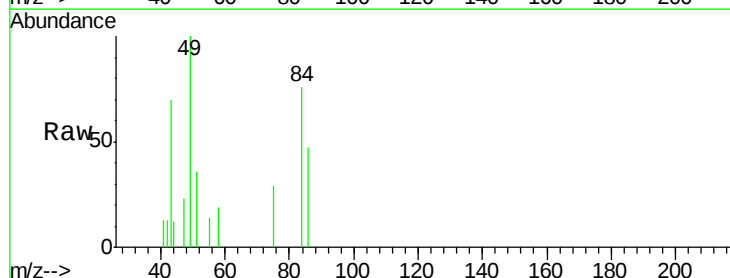
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



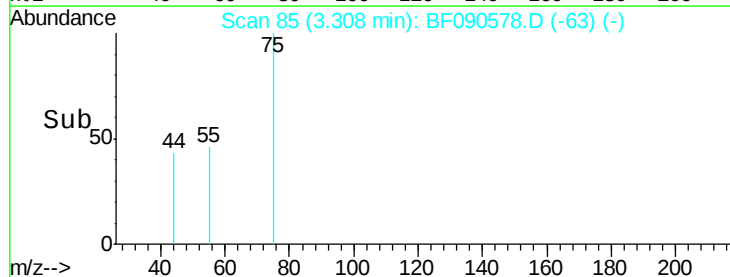
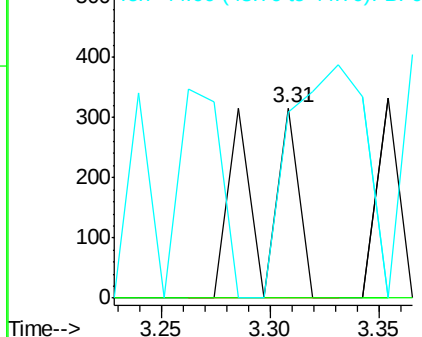
#4

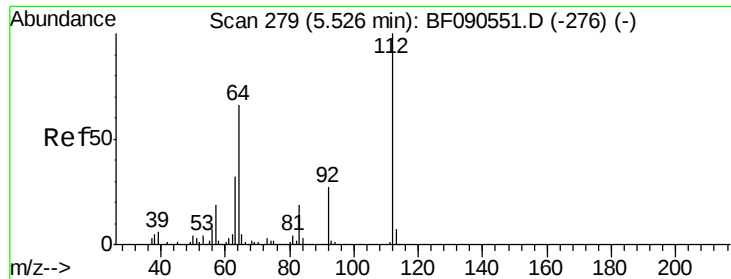
n-Nitrosodimethylamine
Concen: 7.26 ng
RT: 3.31 min Scan# 85
Delta R.T. 0.05 min
Lab File: BF090578.D
Acq: 14 Oct 2016 19:18

Tgt Ion: 42 Resp: 433
Ion Ratio Lower Upper
42 100
74 0.0 113.3 169.9#
44 97.8 6.0 9.0#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 111.70 ng

RT: 5.53 min Scan# 279

Delta R.T. 0.00 min

Lab File: BF090578.D

Acq: 14 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

TILCON-SCREENINGS

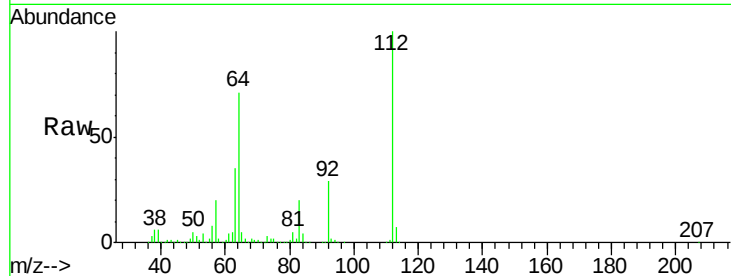
Tgt Ion:112 Resp: 1028984

Ion Ratio Lower Upper

112 100

64 71.4 52.6 78.8

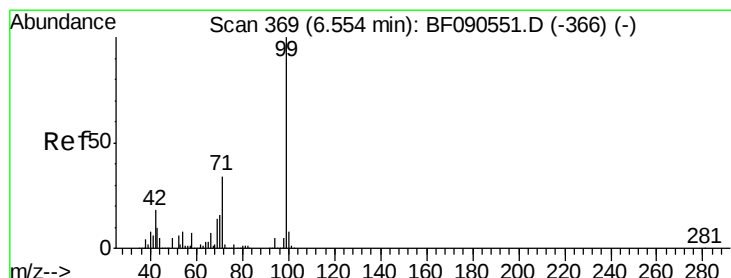
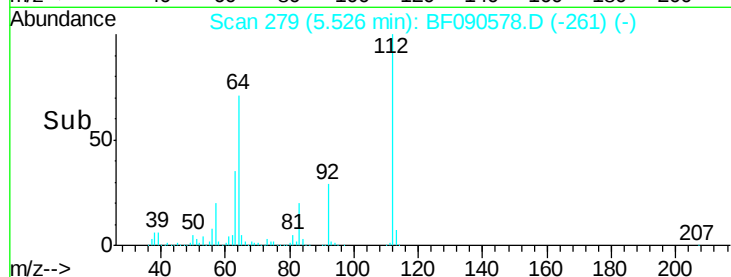
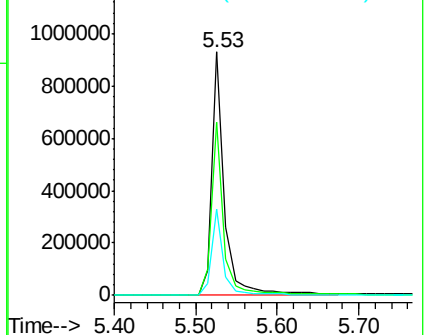
63 35.2 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 103.72 ng

RT: 6.55 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF090578.D

Acq: 14 Oct 2016 19:18

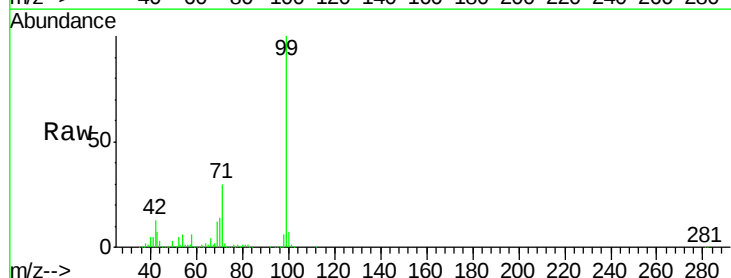
Tgt Ion: 99 Resp: 1419655

Ion Ratio Lower Upper

99 100

42 13.2 14.7 22.1#

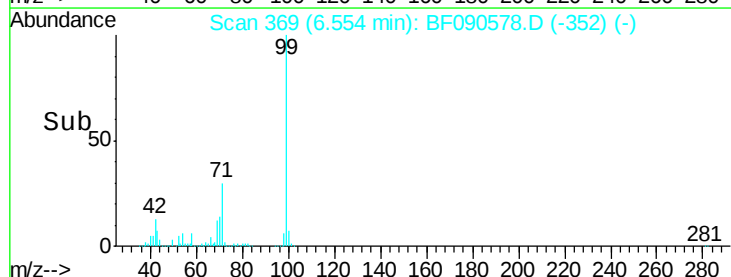
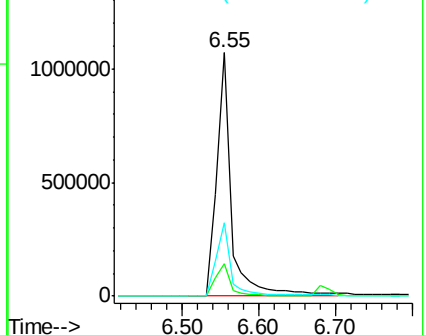
71 30.0 27.6 41.4

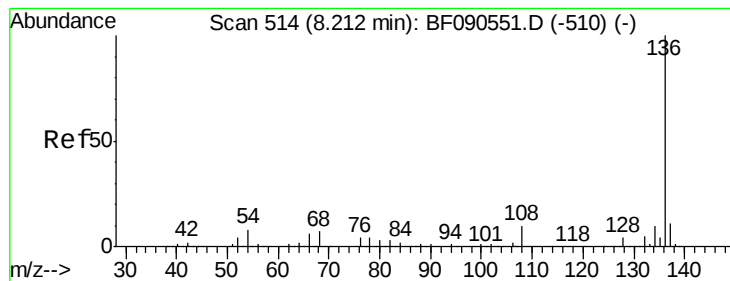


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

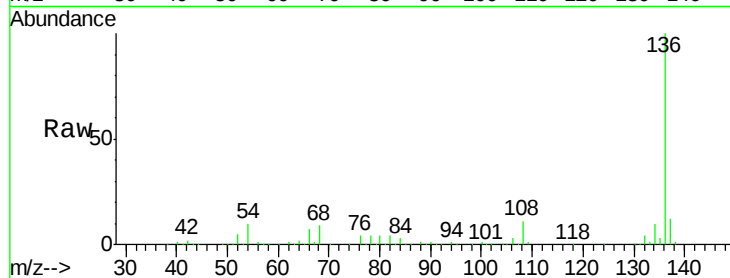




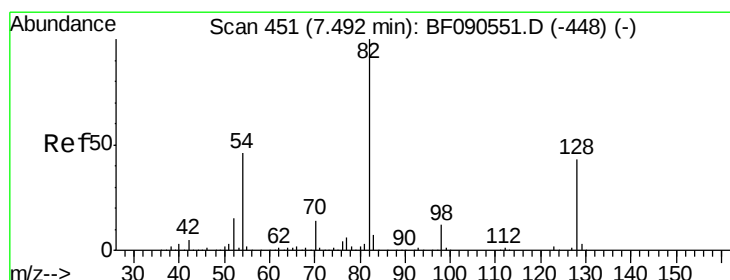
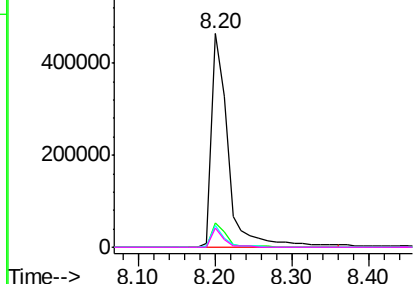
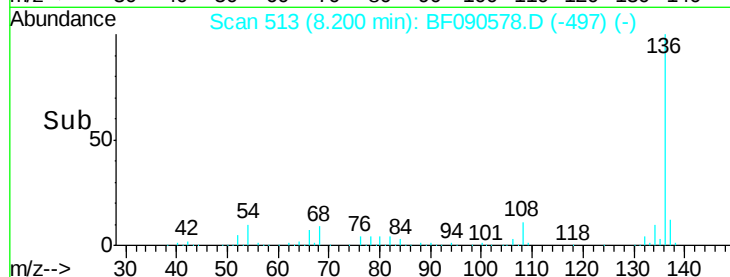
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF090578.D
Acq: 14 Oct 2016 19:18

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BNA_F
ClientSampleId :
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Tgt Ion:	136	Resp:	704629
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.8	13.2
54	10.4	6.8	10.2#
68	9.1	6.0	9.0#

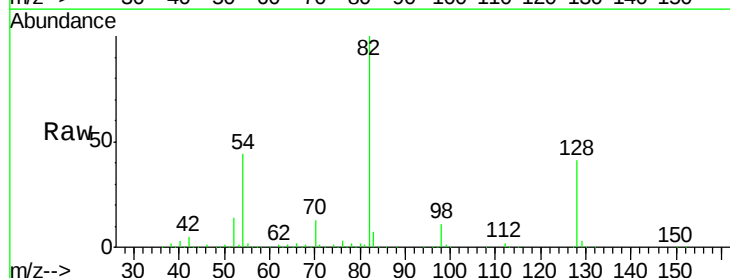


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

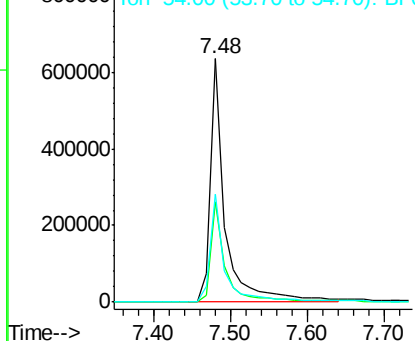
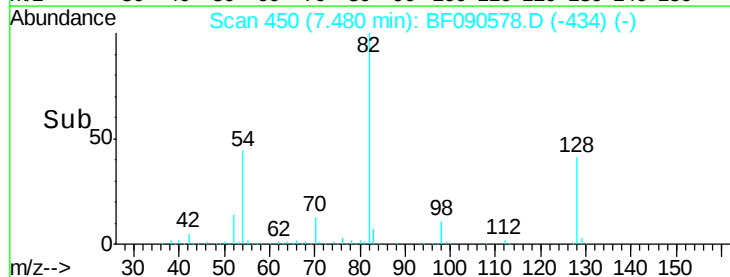


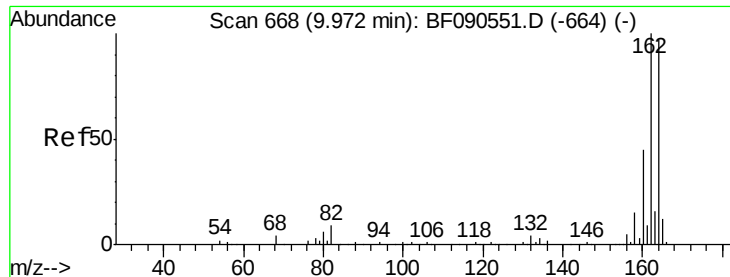
#23
Nitrobenzene-d5
Concen: 66.81 ng
RT: 7.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF090578.D
Acq: 14 Oct 2016 19:18

Tgt Ion:	82	Resp:	847498
Ion Ratio	Lower	Upper	
82	100		
128	41.4	34.3	51.5
54	44.5	37.0	55.6



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

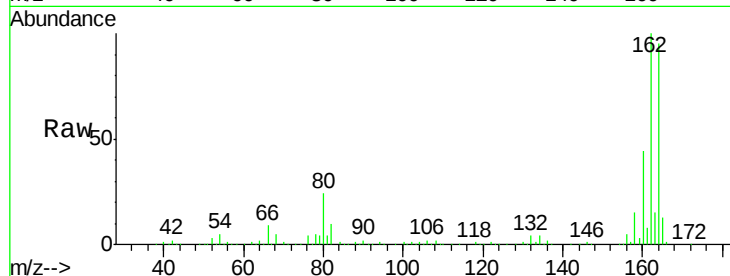




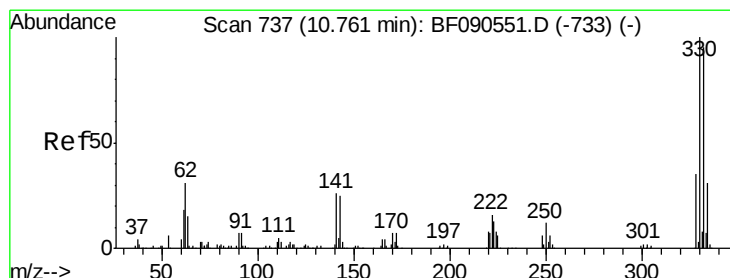
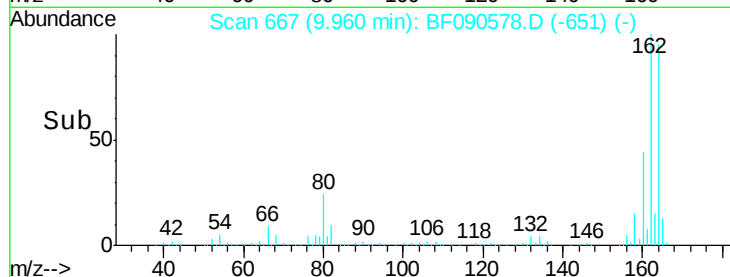
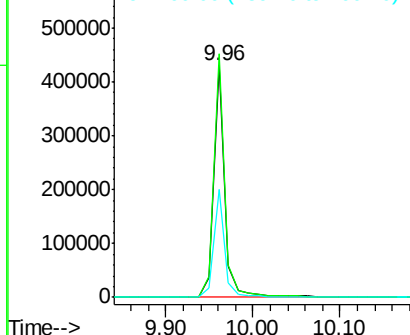
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF090578.D
 Acq: 14 Oct 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-SCREENINGS

Tgt Ion:164 Resp: 391834
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.2 123.4
 160 46.4 36.6 55.0

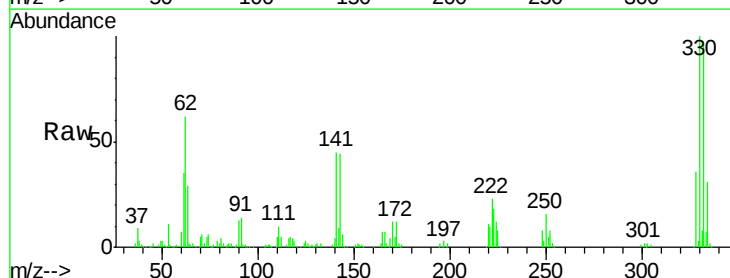


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

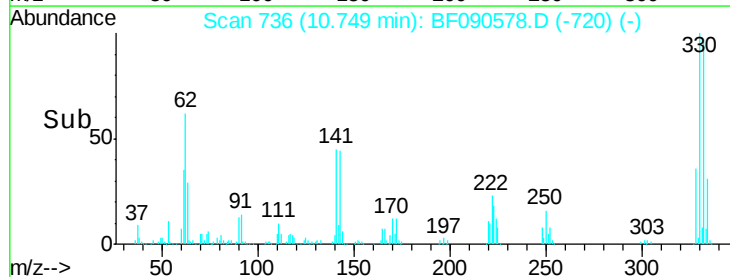
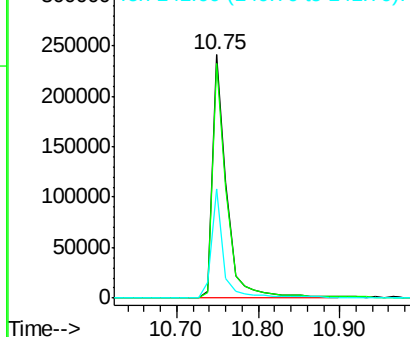


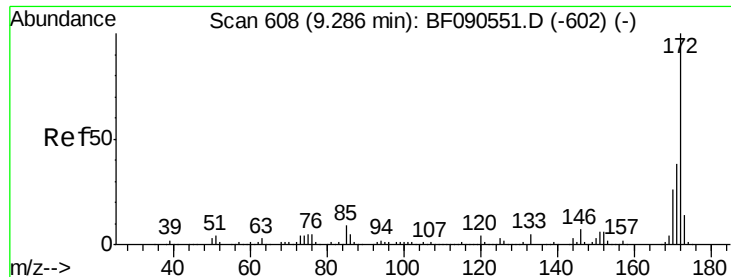
#41
 2,4,6-Tribromophenol
 Concen: 84.95 ng
 RT: 10.75 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF090578.D
 Acq: 14 Oct 2016 19:18

Tgt Ion:330 Resp: 296745
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.2
 141 39.2 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

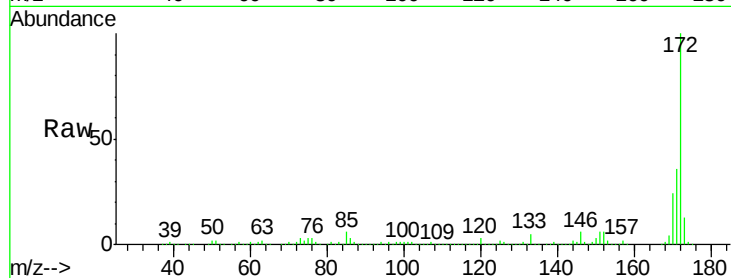




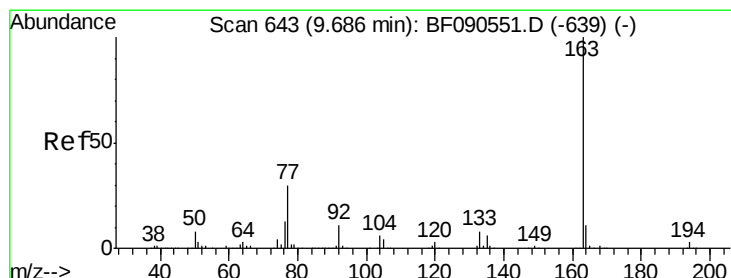
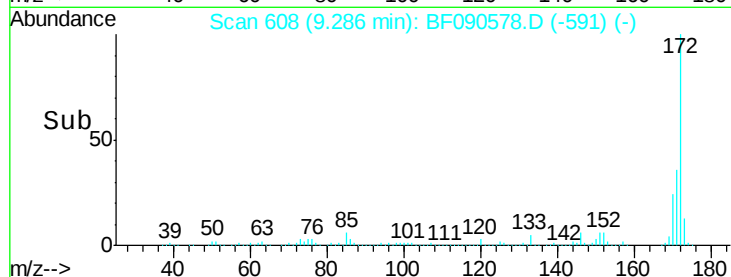
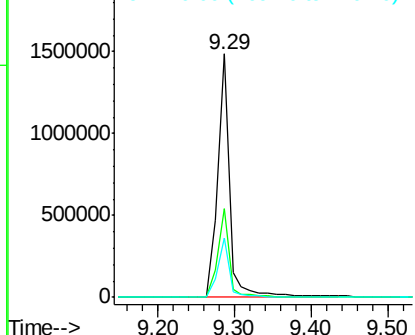
#44
 2-Fluorobiphenyl
 Concen: 68.10 ng
 RT: 9.29 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF090578.D
 Acq: 14 Oct 2016 19:18

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Tgt Ion:172 Resp: 1619394
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.1 45.1
 170 24.4 20.6 30.8

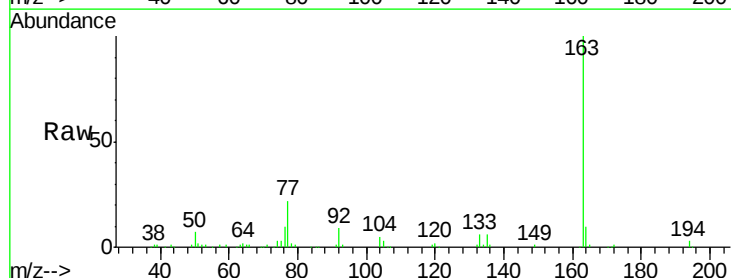


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

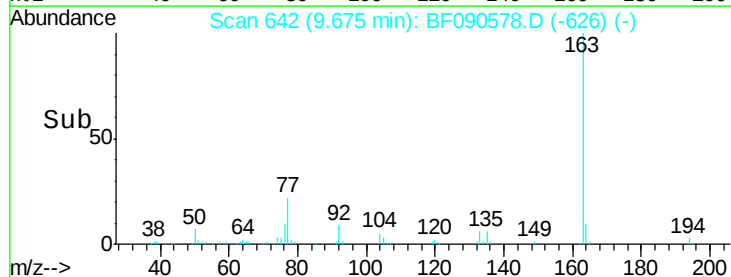
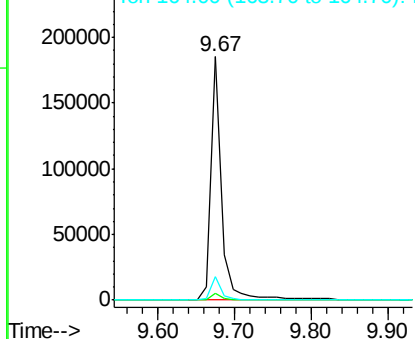


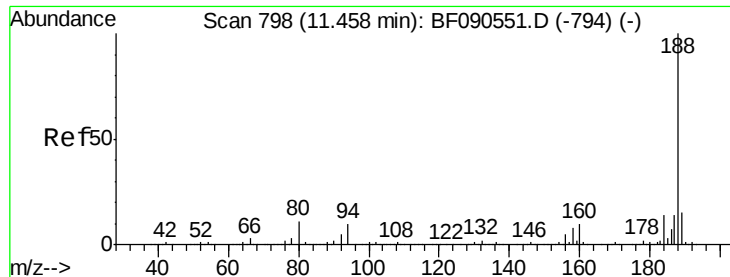
#49
 Dimethylphthalate
 Concen: 7.06 ng
 RT: 9.67 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF090578.D
 Acq: 14 Oct 2016 19:18

Tgt Ion:163 Resp: 179506
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.3 3.5
 164 9.8 8.6 13.0



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

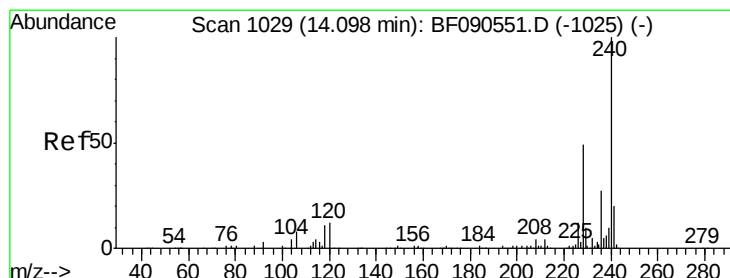
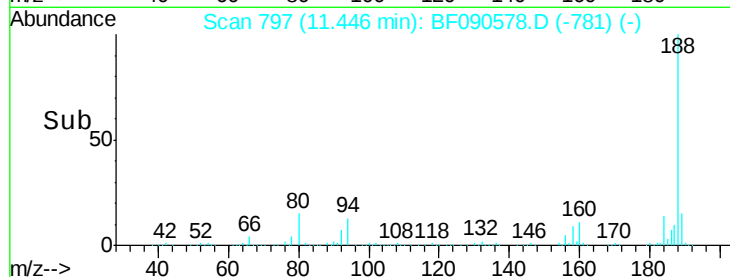
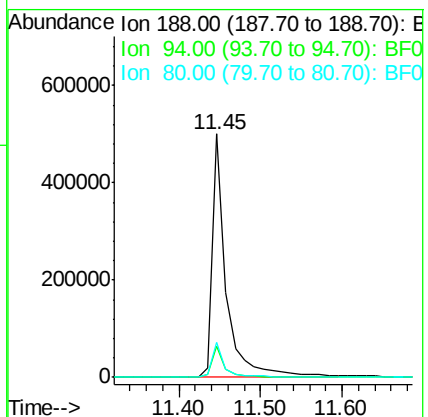
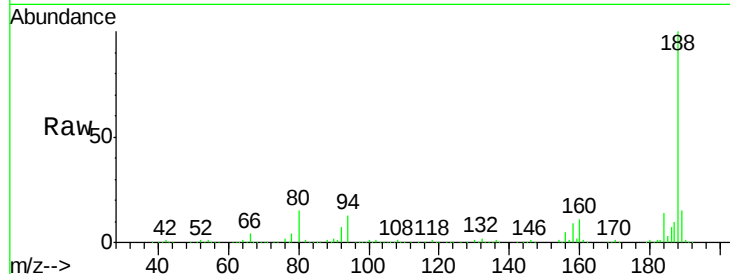




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF090578.D
Acq: 14 Oct 2016 19:18

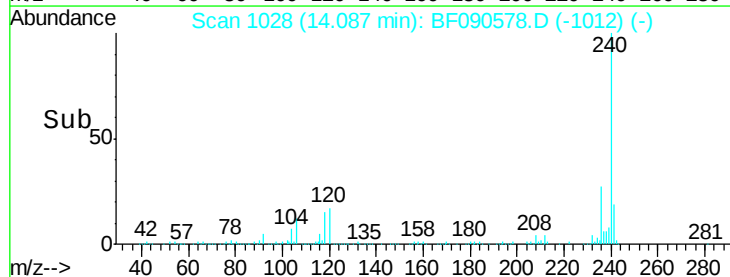
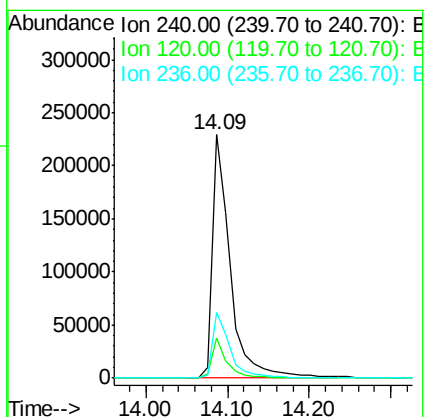
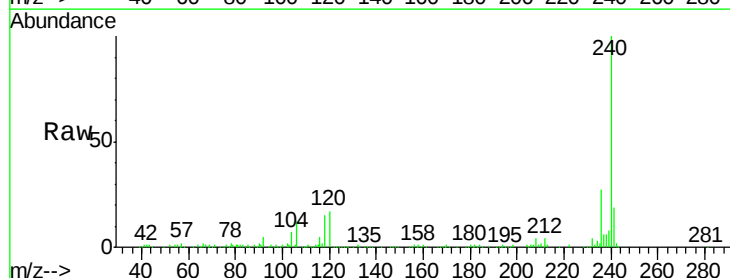
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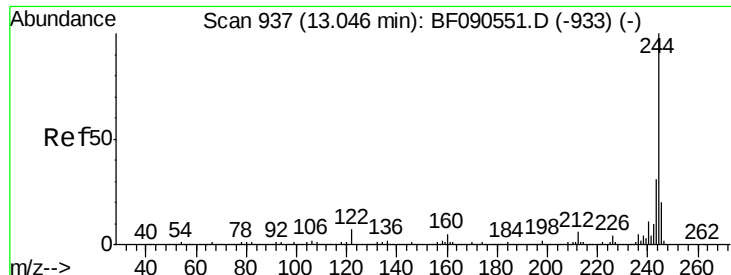
Tgt Ion:188 Resp: 607937
Ion Ratio Lower Upper
188 100
94 12.8 7.7 11.5#
80 14.6 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF090578.D
Acq: 14 Oct 2016 19:18

Tgt Ion:240 Resp: 350510
Ion Ratio Lower Upper
240 100
120 16.7 9.8 14.8#
236 27.0 21.7 32.5

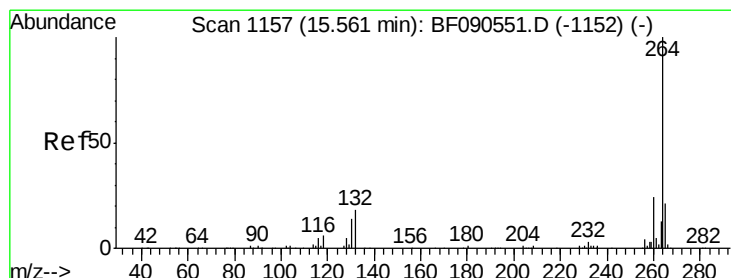
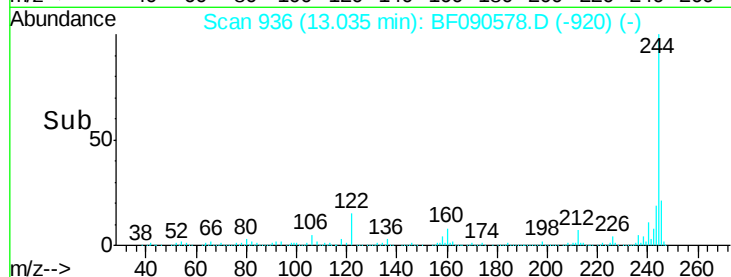
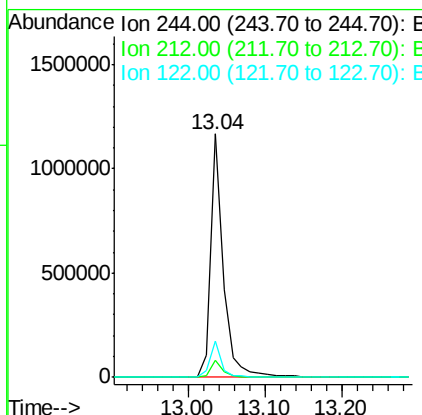
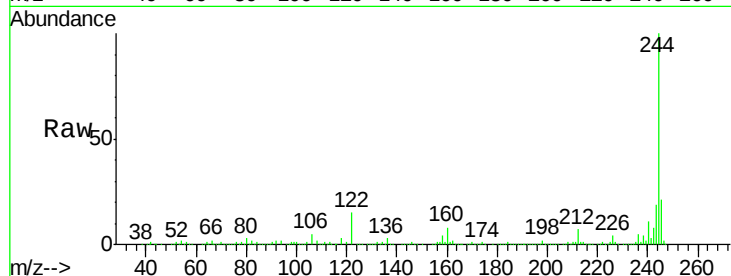




#78
 Terphenyl-d14
 Concen: 88.13 ng
 RT: 13.04 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF090578.D
 Acq: 14 Oct 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1326711
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 14.8 5.6 8.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF090578.D
 Acq: 14 Oct 2016 19:18

Tgt Ion:264 Resp: 311991
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.3 28.9
 265 21.8 16.7 25.1

