

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092617.D
 Acq On : 28 Jan 2017 10:39
 Operator : SJ/MA
 Sample : I1528-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

Quant Time: Jan 30 00:28:08 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

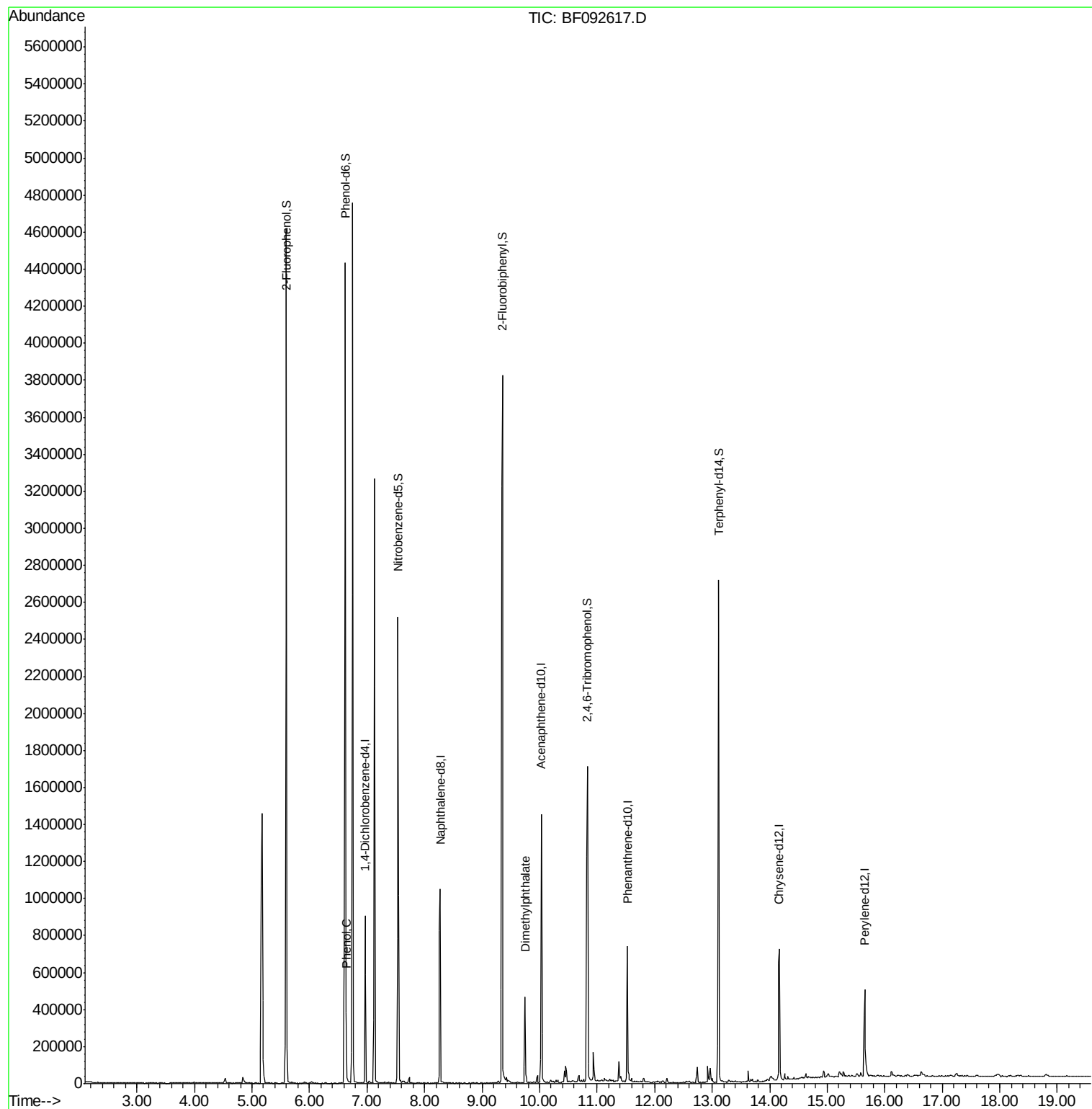
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	171478	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	670515	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	307510	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	416004	20.00	ng	0.00
75) Chrysene-d12	14.17	240	347076	20.00	ng	0.00
86) Perylene-d12	15.65	264	249529	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1380641	125.27	ng	0.05
7) Phenol-d6	6.62	99	1896327	135.08	ng	0.03
23) Nitrobenzene-d5	7.54	82	1013589	82.57	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	258168	123.20	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1877951	112.93	ng	0.00
78) Terphenyl-d14	13.12	244	1240430	95.17	ng	0.00
Target Compounds						
10) Phenol	6.64	94	103928	6.13	ng	Qvalue # 63
49) Dimethylphthalate	9.74	163	201908	10.33	ng	100

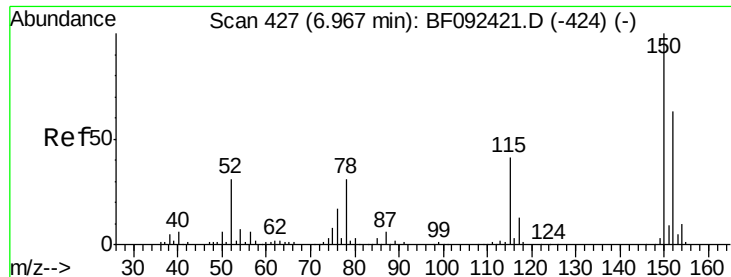
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

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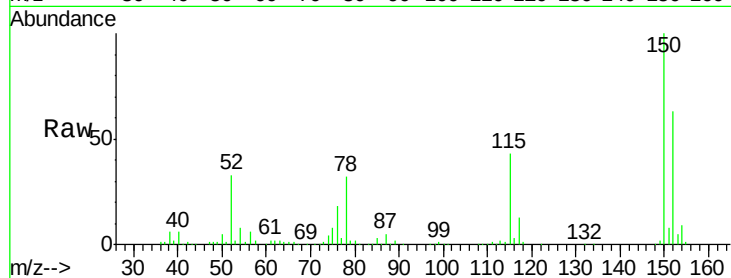
Tgt Ion:152 Resp: 171478

Ion Ratio Lower Upper

152 100

150 158.9 124.9 187.3

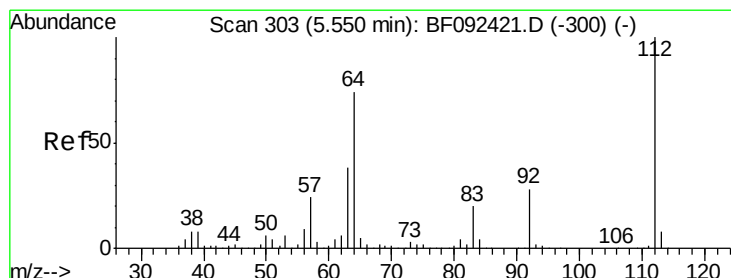
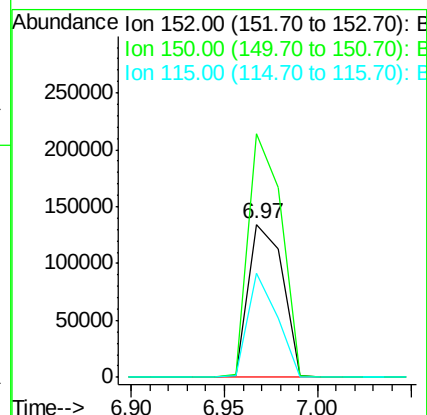
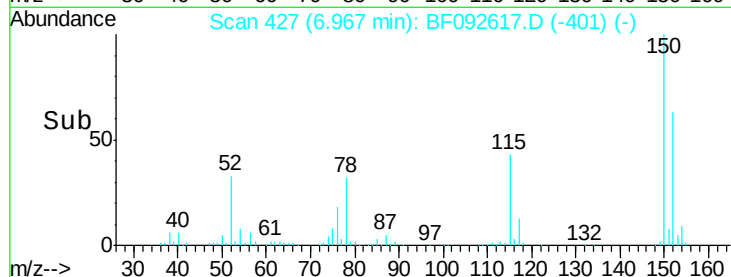
115 67.6 46.0 69.0



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: 125.27 ng

RT: 5.60 min Scan# 307

Delta R.T. 0.05 min

Lab File: BF092617.D

Acq: 28 Jan 2017 10:39

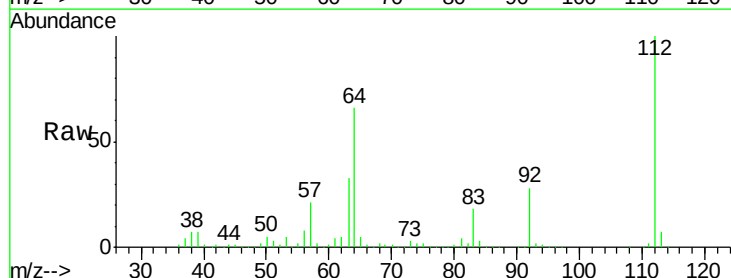
Tgt Ion:112 Resp: 1380641

Ion Ratio Lower Upper

112 100

64 65.8 46.1 69.1

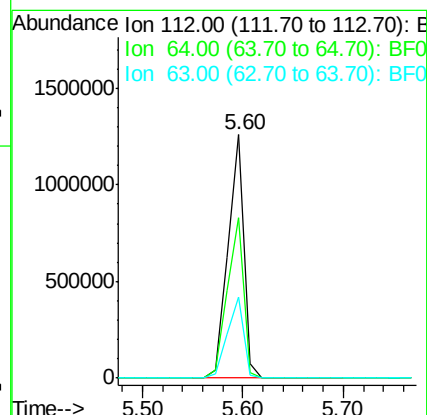
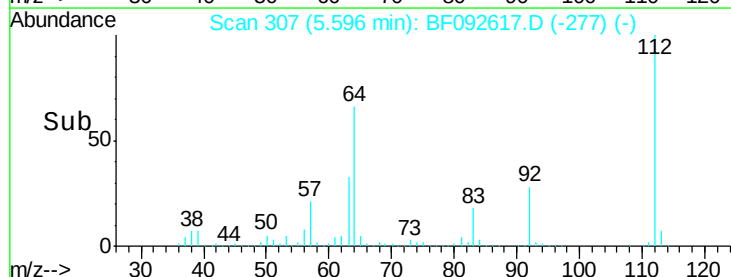
63 33.1 23.8 35.6

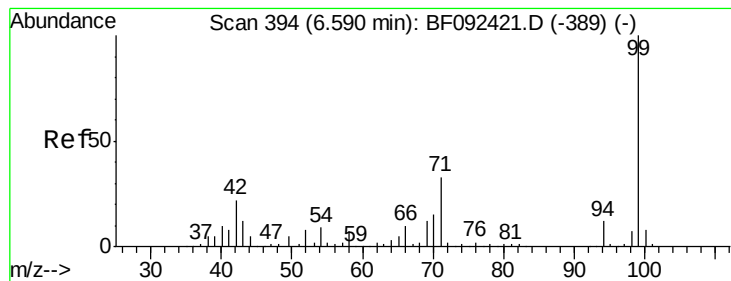


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.08 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092617.D

Acq: 28 Jan 2017 10:39

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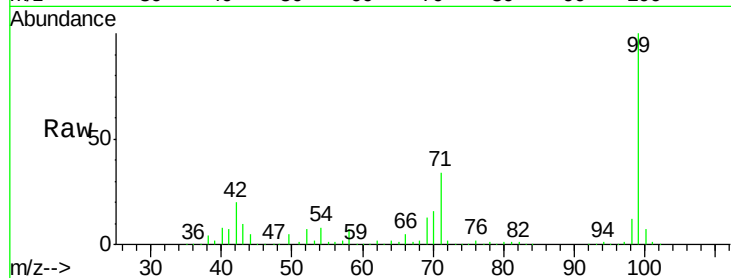
Tgt Ion: 99 Resp: 1896327

Ion Ratio Lower Upper

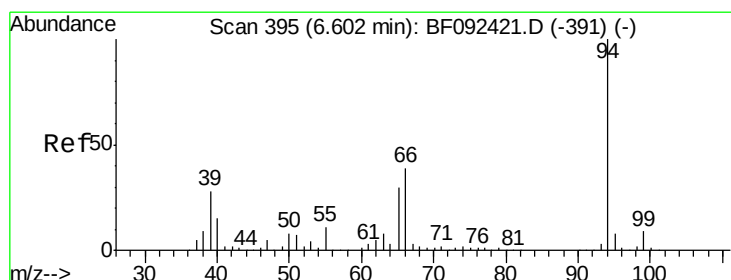
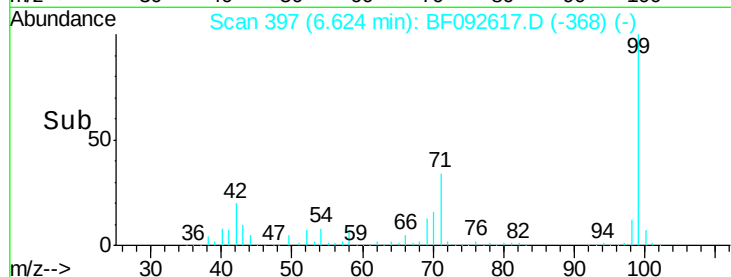
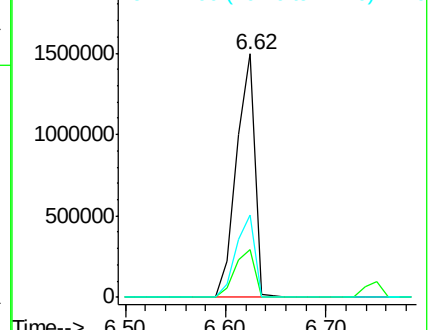
99 100

42 19.7 15.6 23.4

71 33.7 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



#10

Phenol

Concen: 6.13 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092617.D

Acq: 28 Jan 2017 10:39

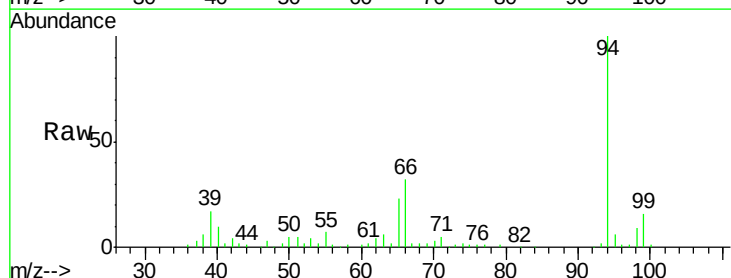
Tgt Ion: 94 Resp: 103928

Ion Ratio Lower Upper

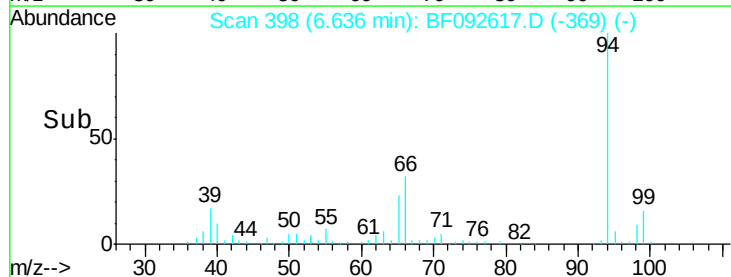
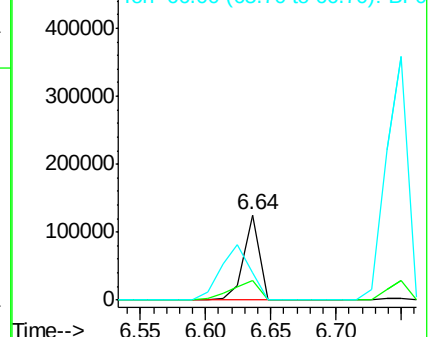
94 100

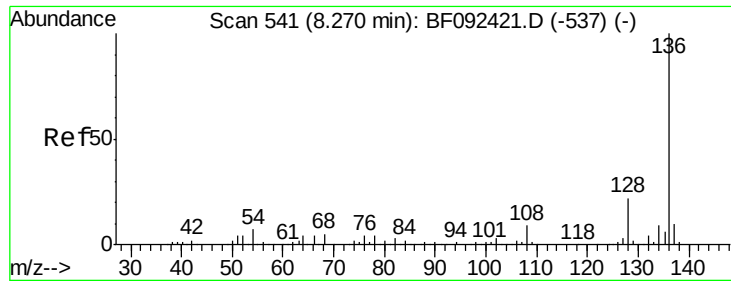
65 22.9 21.4 61.4

66 31.7 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

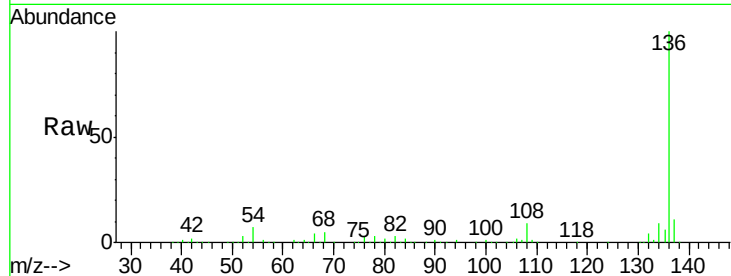




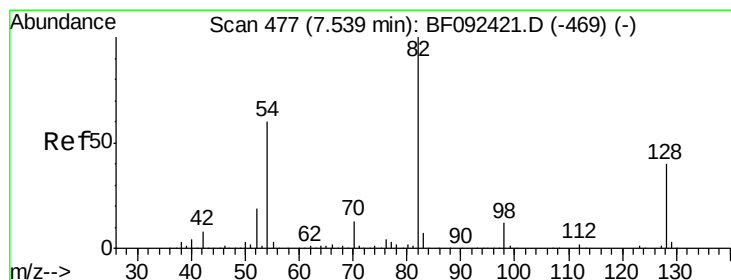
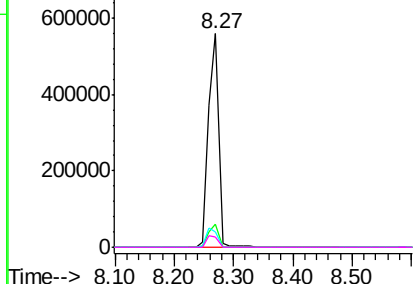
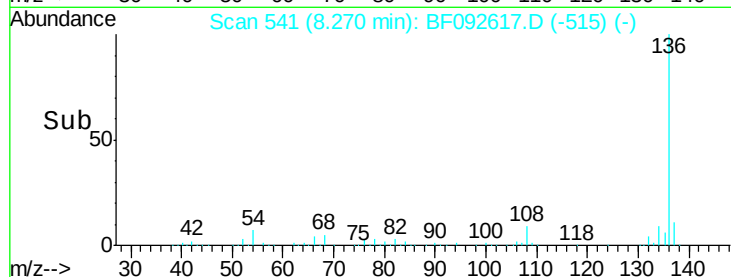
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092617.D
Acq: 28 Jan 2017 10:39

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Tgt Ion:	136	Resp:	670515
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.0	4.5	6.7#
68	4.7	3.6	5.4

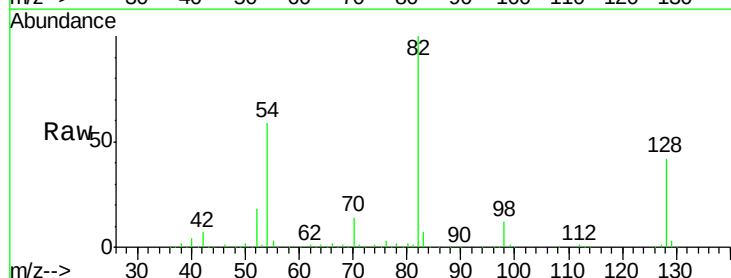


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

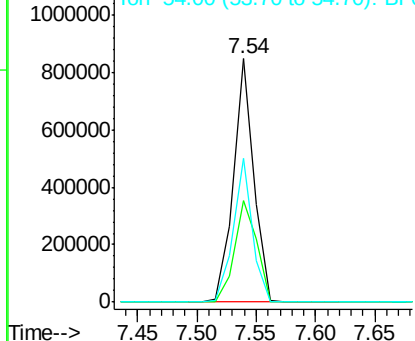
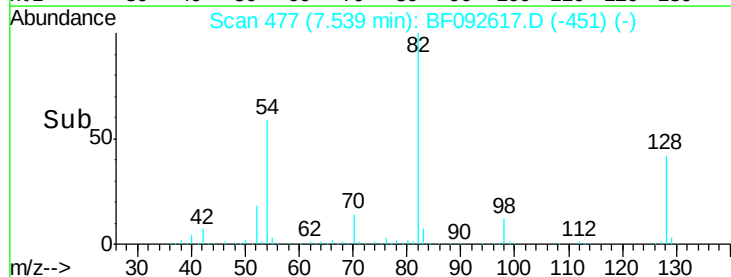


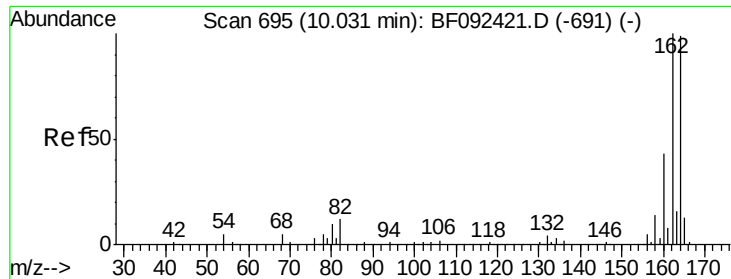
#23
Nitrobenzene-d5
Concen: 82.57 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092617.D
Acq: 28 Jan 2017 10:39

Tgt Ion:	82	Resp:	1013589
Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	52.0
54	59.3	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

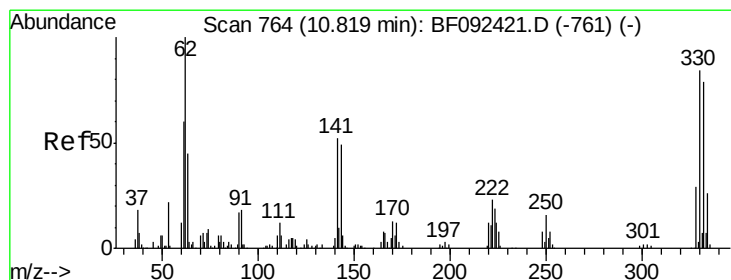
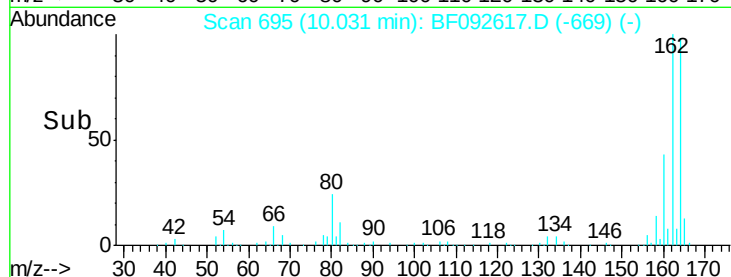
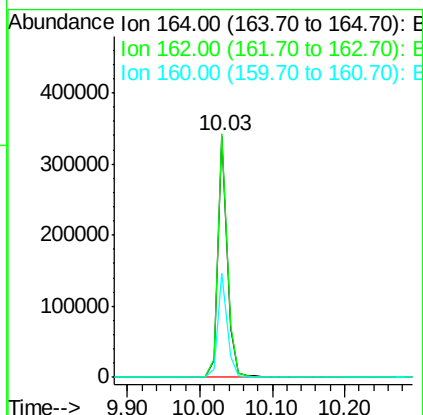
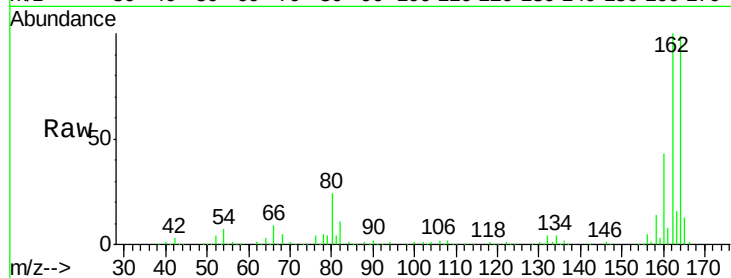




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF092617.D
 Acq: 28 Jan 2017 10:39

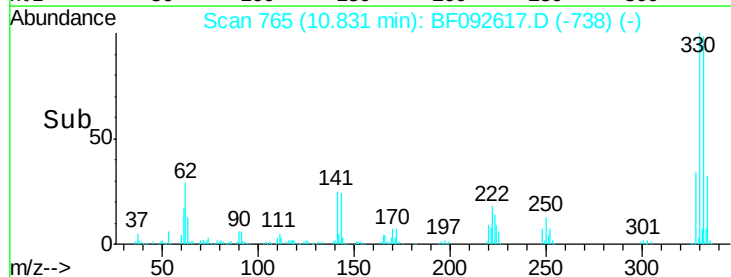
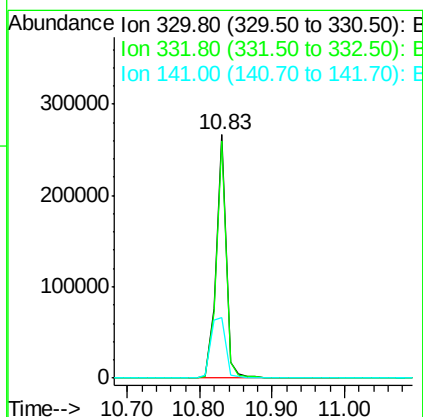
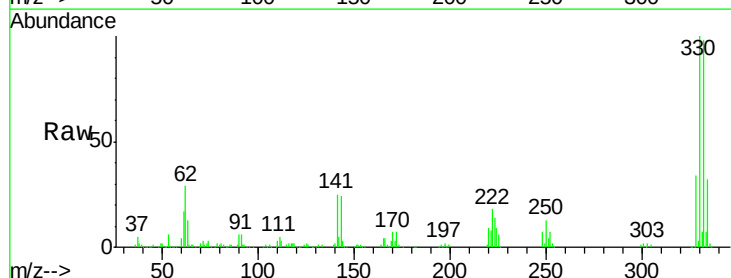
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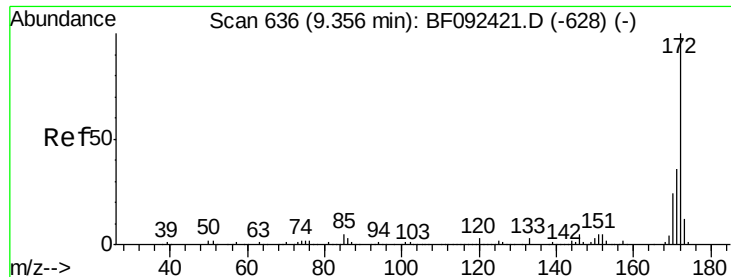
Tgt Ion:164 Resp: 307510
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.2 120.2
 160 43.4 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 123.20 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092617.D
 Acq: 28 Jan 2017 10:39

Tgt Ion:330 Resp: 258168
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 37.3 34.1 51.1

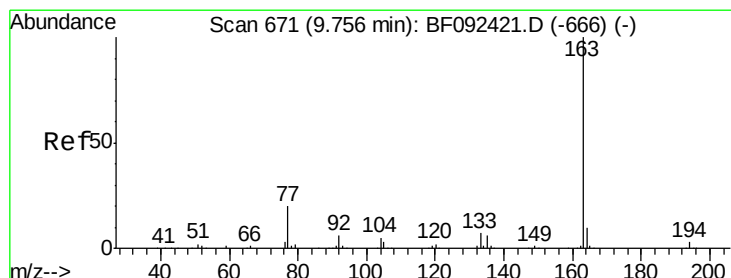
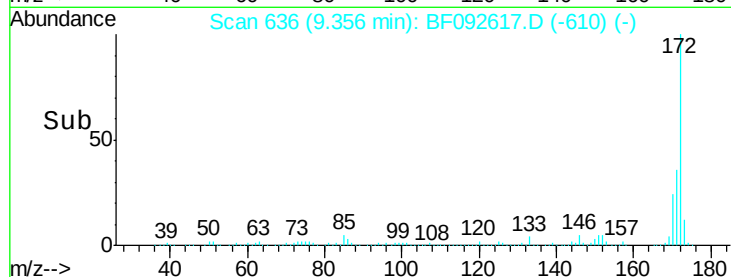
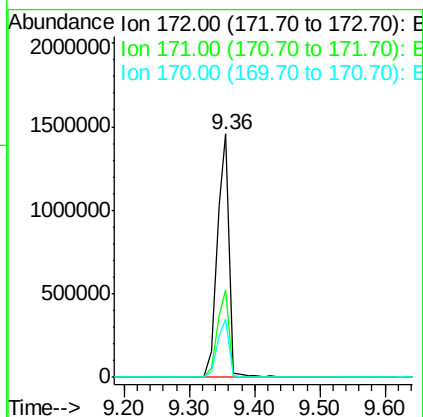
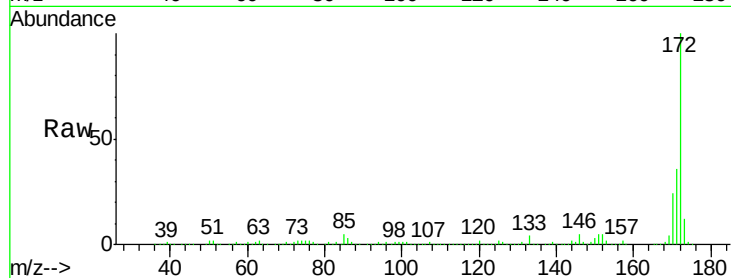




#44
 2-Fluorobiphenyl
 Concen: 112.93 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF092617.D
 Acq: 28 Jan 2017 10:39

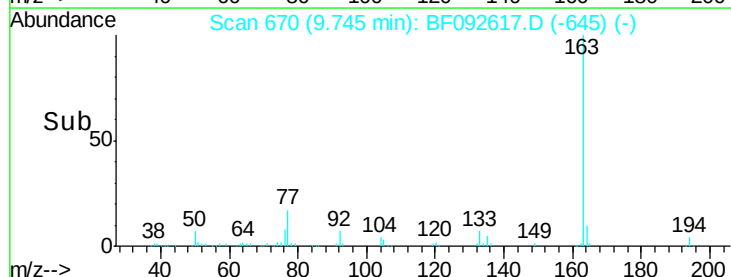
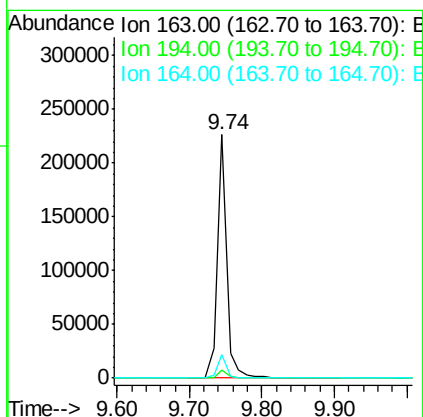
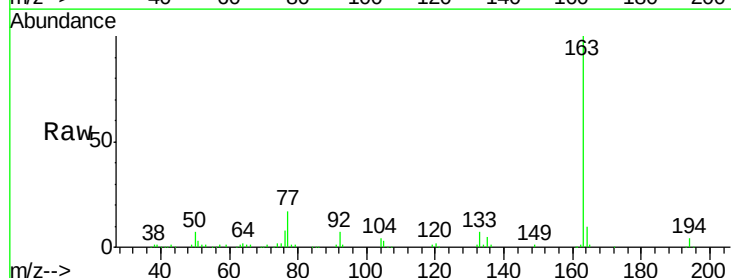
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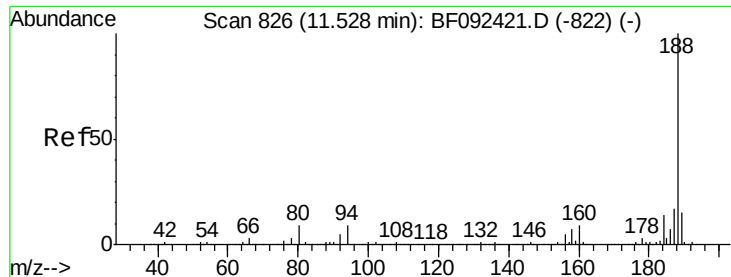
Tgt Ion:172 Resp: 1877951
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.0 20.2 30.4



#49
 Dimethylphthalate
 Concen: 10.33 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092617.D
 Acq: 28 Jan 2017 10:39

Tgt Ion:163 Resp: 201908
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.0 4.4
 164 9.8 8.0 12.0

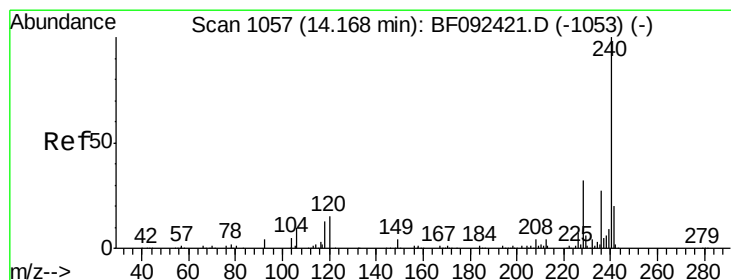
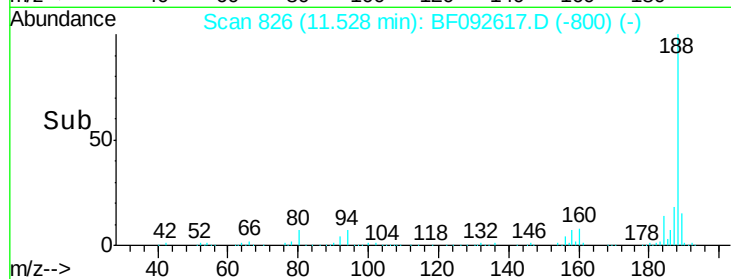
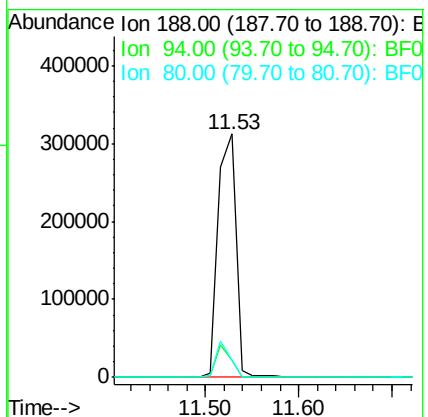
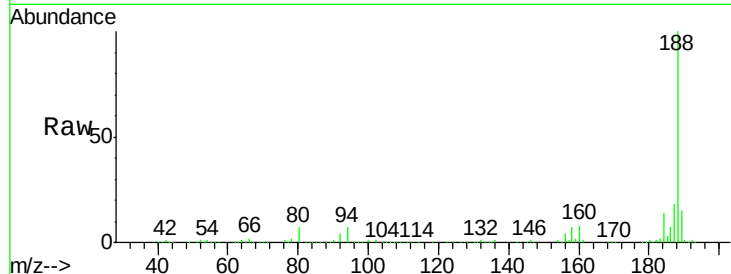




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF092617.D
Acq: 28 Jan 2017 10:39

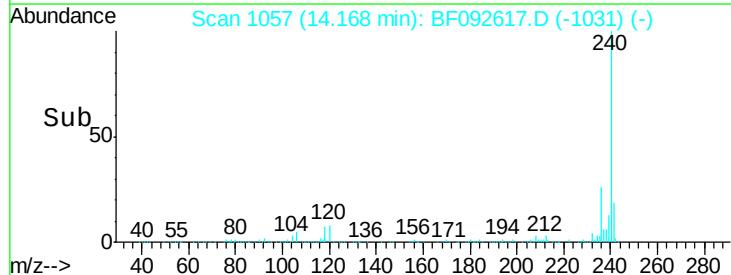
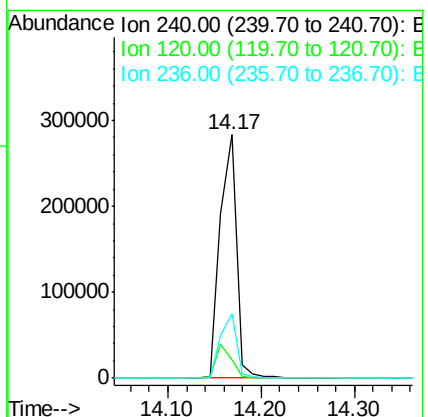
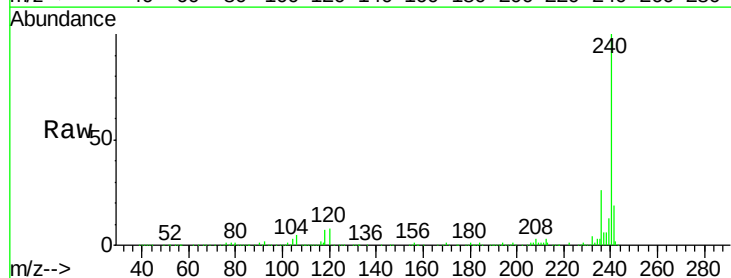
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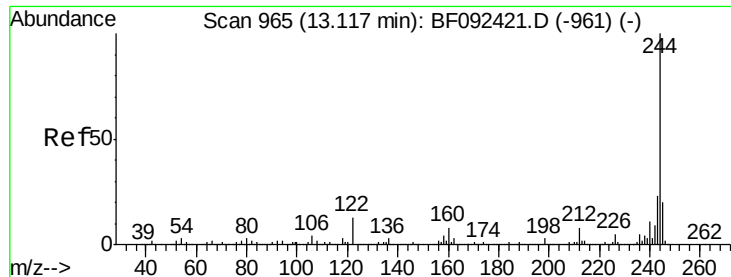
Tgt Ion:188 Resp: 416004
Ion Ratio Lower Upper
188 100
94 7.0 10.0 15.0#
80 7.0 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF092617.D
Acq: 28 Jan 2017 10:39

Tgt Ion:240 Resp: 347076
Ion Ratio Lower Upper
240 100
120 7.6 12.9 19.3#
236 26.5 20.9 31.3

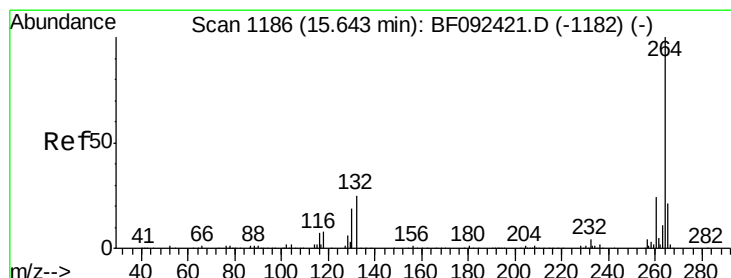
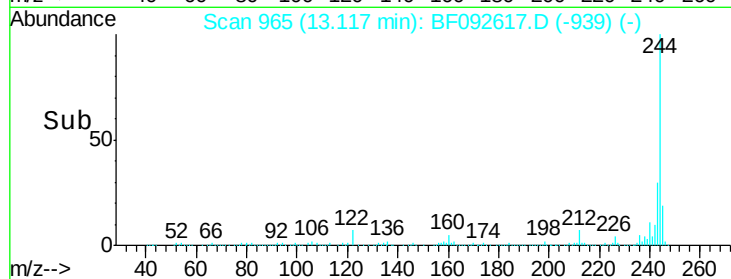
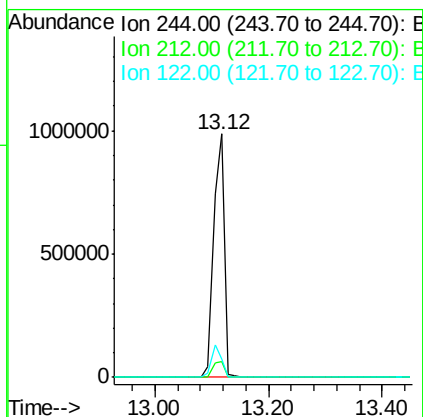
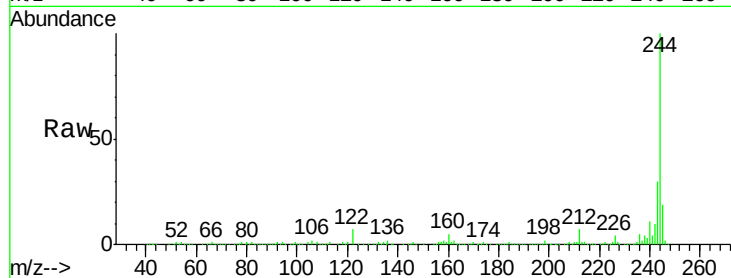




#78
 Terphenyl-d14
 Concen: 95.17 ng
 RT: 13.12 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF092617.D
 Acq: 28 Jan 2017 10:39

Instrument :
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Tgt Ion:244 Resp: 1240430
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.2
 122 7.4 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.65 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF092617.D
 Acq: 28 Jan 2017 10:39

Tgt Ion:264 Resp: 249529
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.4 17.4 26.0

