

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089484.D
 Acq On : 31 Jul 2016 21:48
 Operator : UM/SJ
 Sample : H4251-09 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:17:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

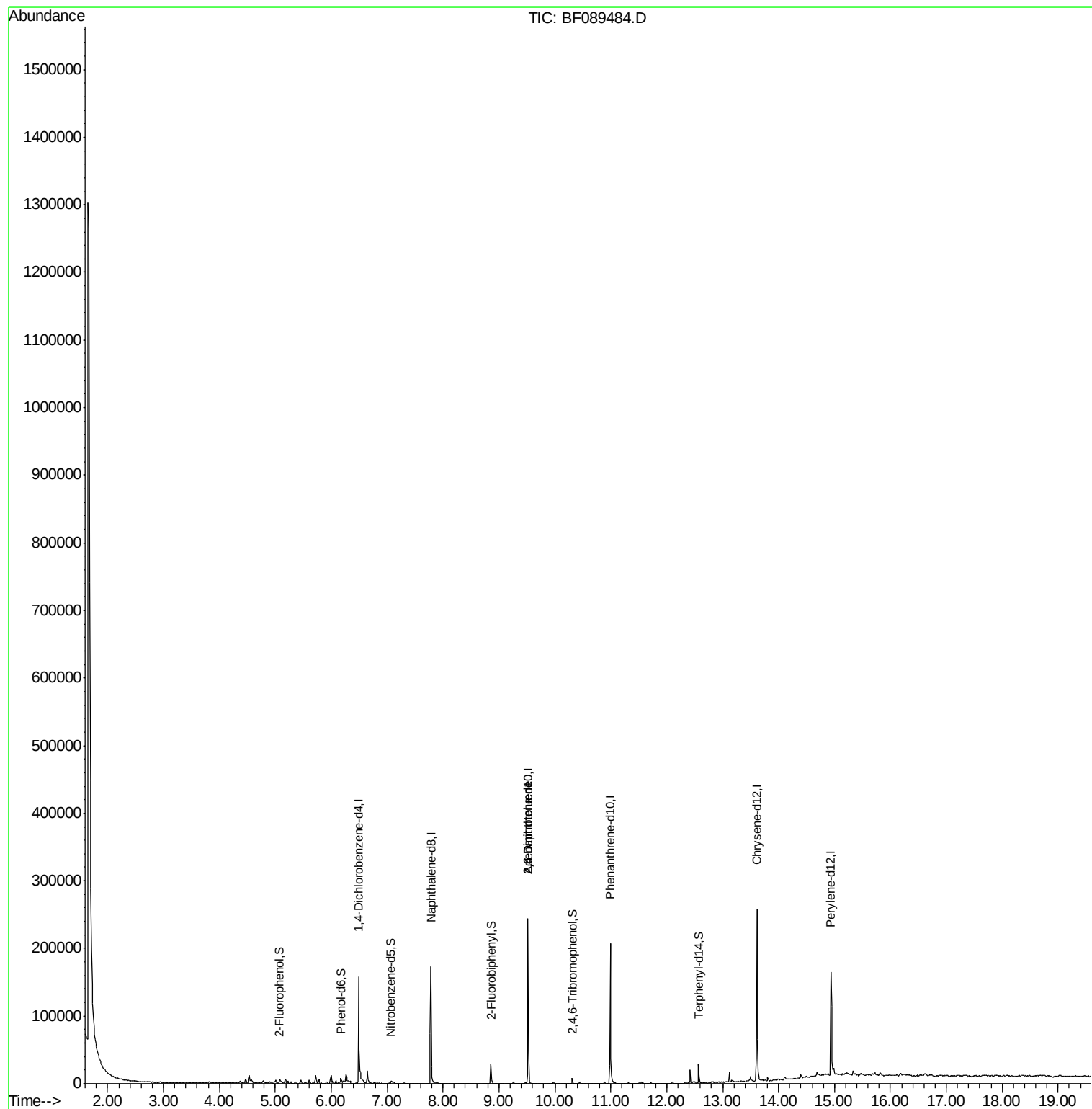
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	32363	20.00	ng	-0.06
21) Naphthalene-d8	7.78	136	110571	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	47197	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	88448	20.00	ng	-0.06
75) Chrysene-d12	13.61	240	96568	20.00	ng	-0.06
86) Perylene-d12	14.94	264	72710	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	6282	3.10	ng	-0.03
7) Phenol-d6	6.17	99	9793	3.66	ng	-0.03
23) Nitrobenzene-d5	7.07	82	5969	3.19	ng	-0.05
41) 2,4,6-Tribromophenol	10.31	330	1279	3.27	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	11715	3.64	ng	-0.06
78) Terphenyl-d14	12.57	244	11869	2.88	ng	-0.06
Target Compounds						
50) 2,6-Dinitrotoluene	9.52	165	5890	7.98	ng	# 24
56) 2,4-Dinitrotoluene	9.52	165	5890	6.06	ng	# 7

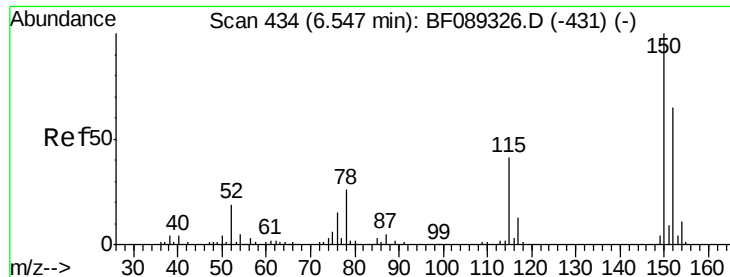
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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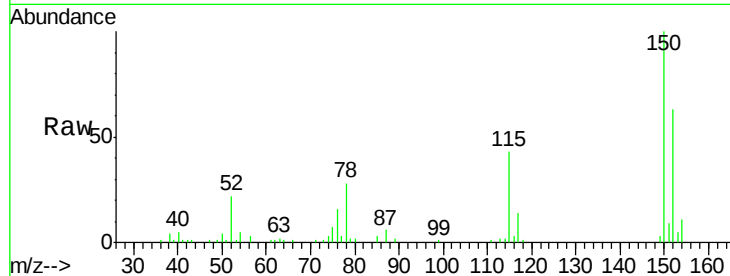


#1

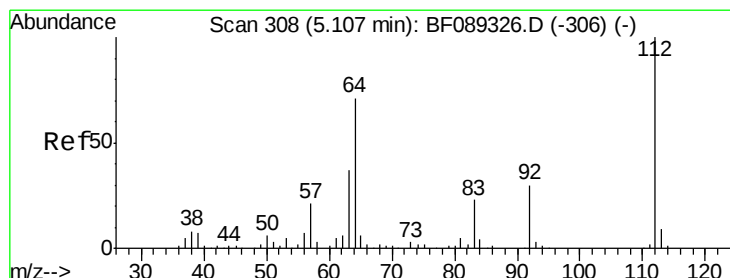
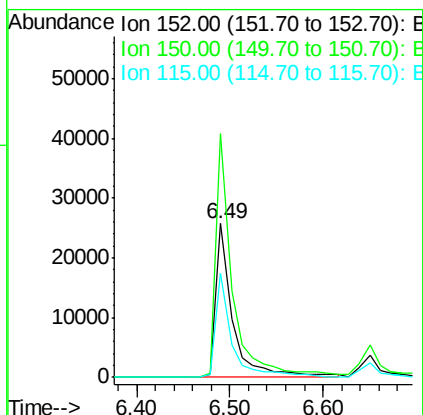
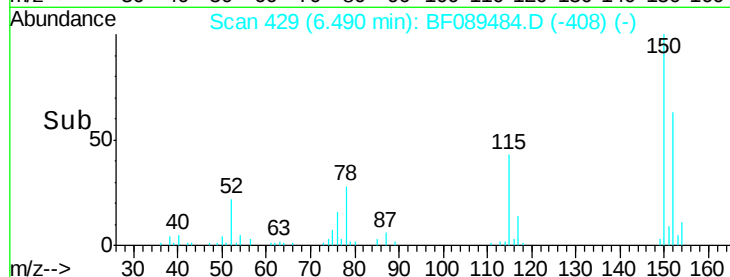
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.06 min
Lab File: BF089484.D
Acq: 31 Jul 2016 21:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 32363
Ion Ratio Lower Upper
152 100
150 158.6 129.5 194.3
115 67.4 51.4 77.2



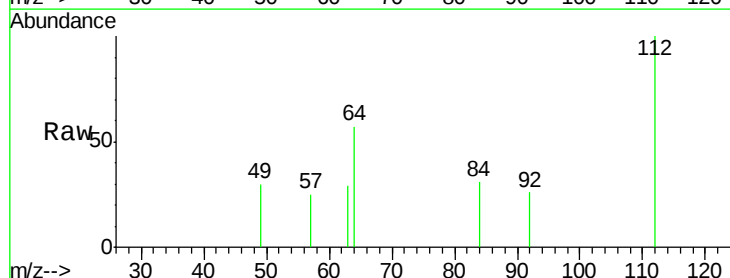
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



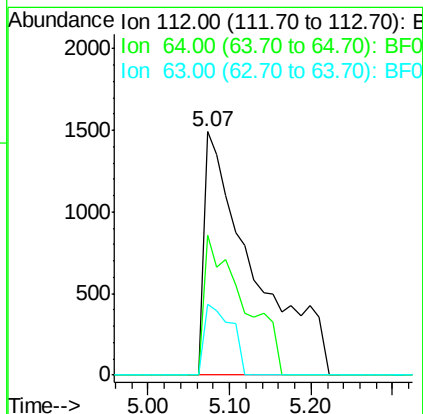
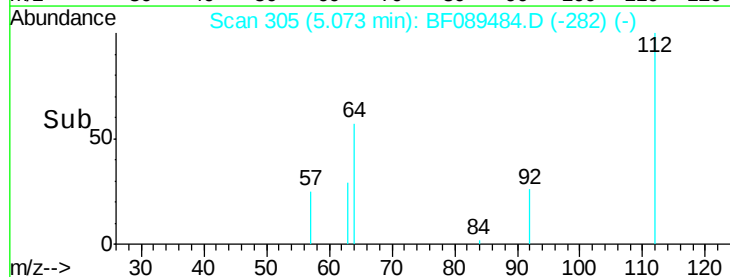
#5

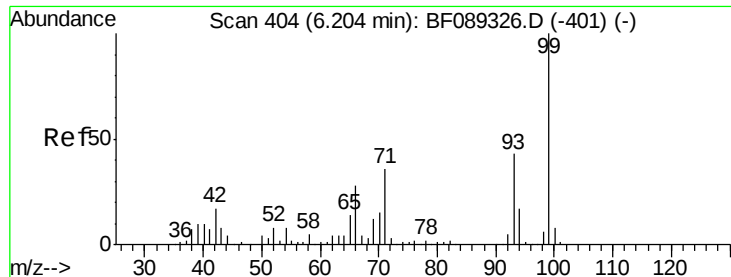
2-Fluorophenol
Concen: 3.10 ng
RT: 5.07 min Scan# 305
Delta R.T. -0.03 min
Lab File: BF089484.D
Acq: 31 Jul 2016 21:48

Tgt Ion:112 Resp: 6282
Ion Ratio Lower Upper
112 100
64 57.5 55.0 82.6
63 29.2 29.4 44.2#



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: 3.66 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF089484.D

Acq: 31 Jul 2016 21:48

Instrument :

BNA_F

ClientSampleId :

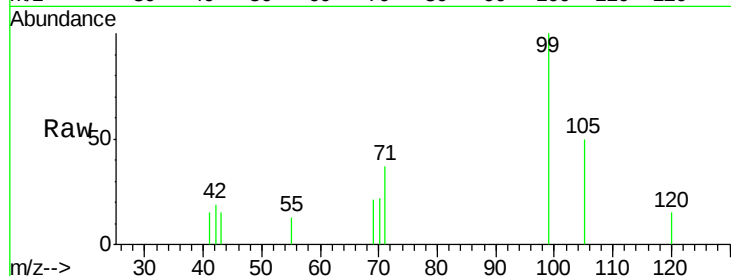
Tot Ion: 99 Resp: 9793

Ion Ratio Lower Upper

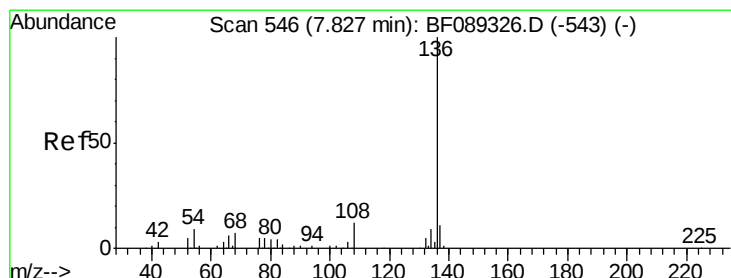
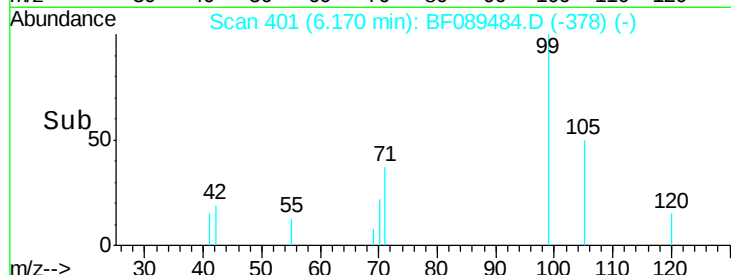
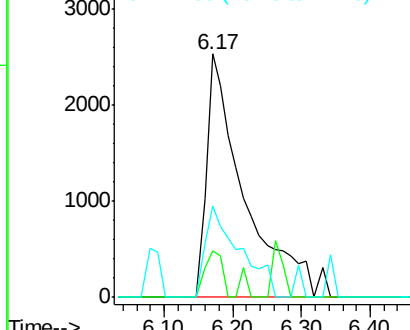
99 100

42 18.8 13.6 20.4

71 37.5 29.4 44.2



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: 7.78 min Scan# 542

Delta R.T. -0.05 min

Lab File: BF089484.D

Acq: 31 Jul 2016 21:48

Tgt Ion: 136 Resp: 110571

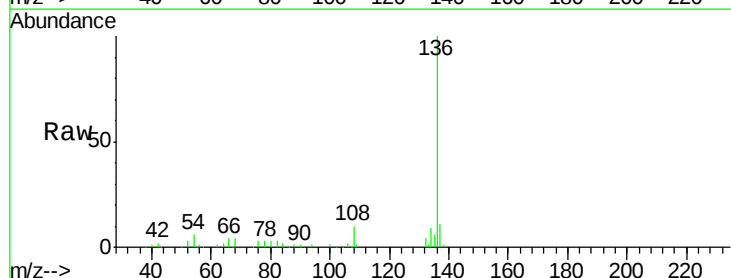
Ion Ratio Lower Upper

136 100

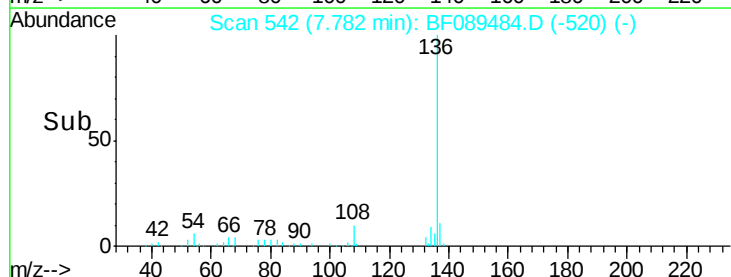
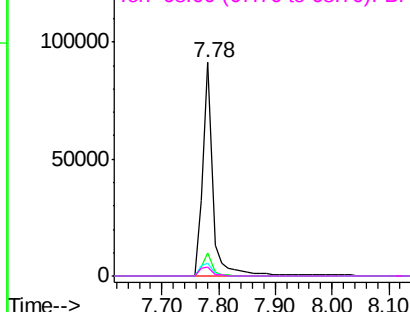
137 10.8 8.6 13.0

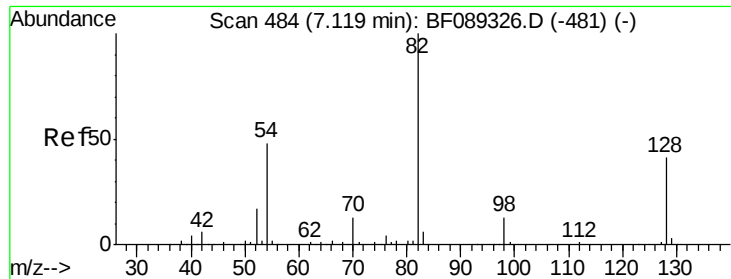
54 6.0 7.0 10.4#

68 4.4 4.9 7.3#



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

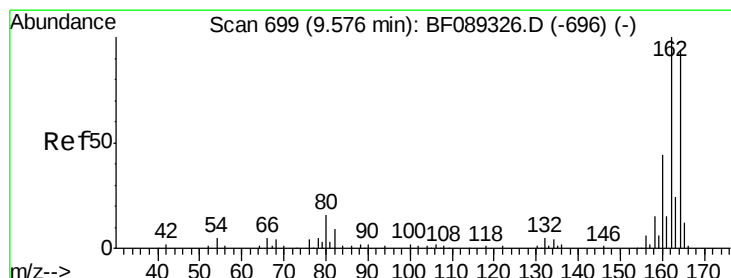
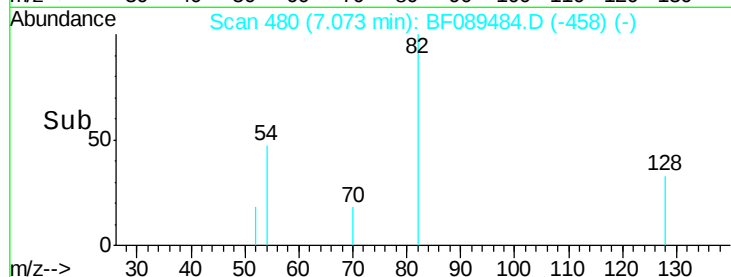
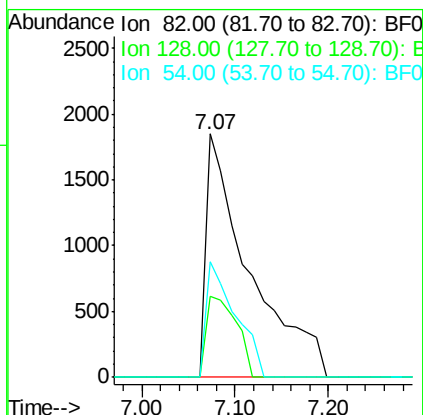
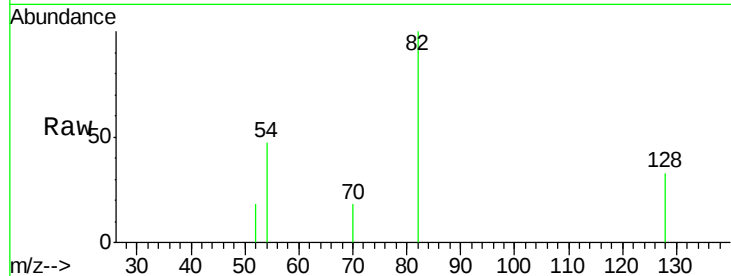




#23
 Nitrobenzene-d5
 Concen: 3.19 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.05 min
 Lab File: BF089484.D
 Acq: 31 Jul 2016 21:48

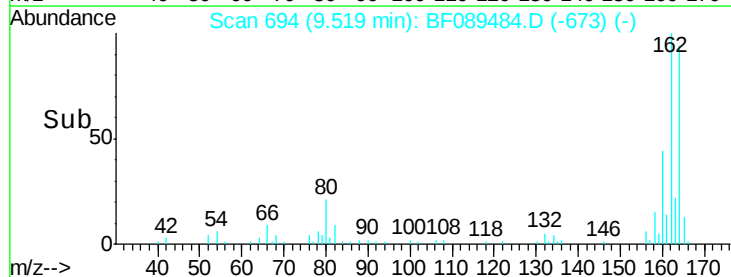
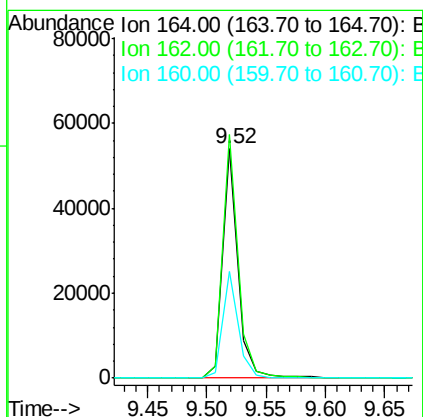
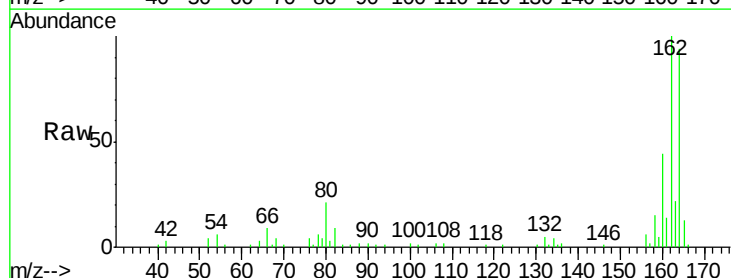
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 5969
 Ion Ratio Lower Upper
 82 100
 128 33.0 32.5 48.7
 54 47.3 38.8 58.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.06 min
 Lab File: BF089484.D
 Acq: 31 Jul 2016 21:48

Tgt Ion:164 Resp: 47197
 Ion Ratio Lower Upper
 164 100
 162 106.3 83.7 125.5
 160 46.8 37.8 56.6

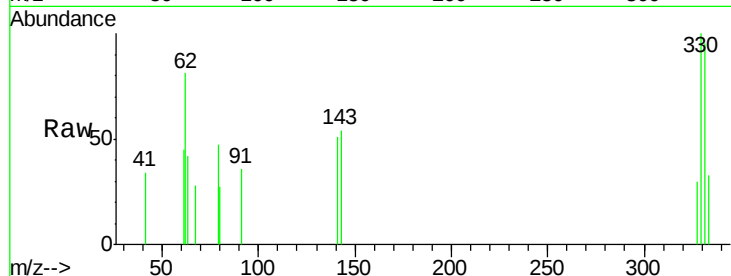




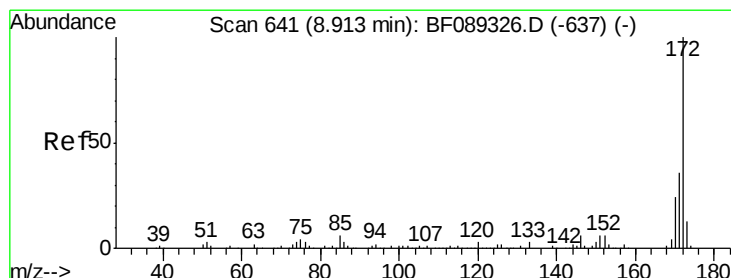
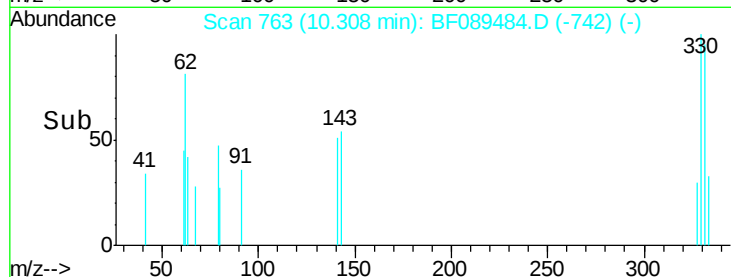
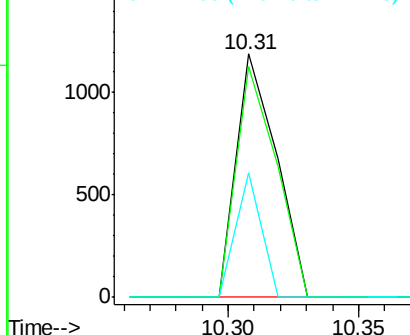
#41
 2,4,6-Tribromophenol
 Concen: 3.27 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF089484.D
 Acq: 31 Jul 2016 21:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 1279
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.8 115.2
 141 32.7 37.3 55.9#

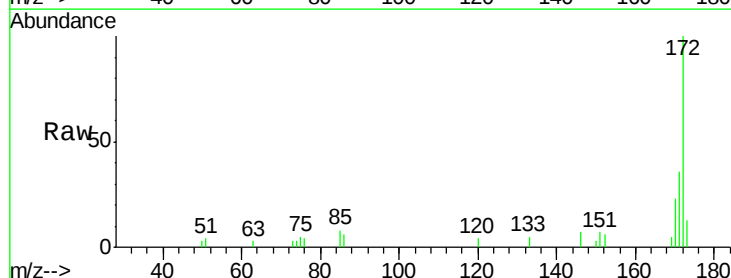


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

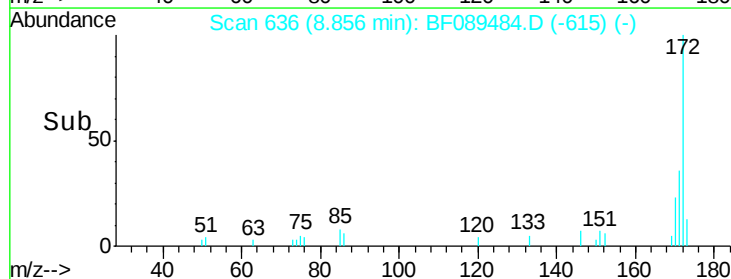
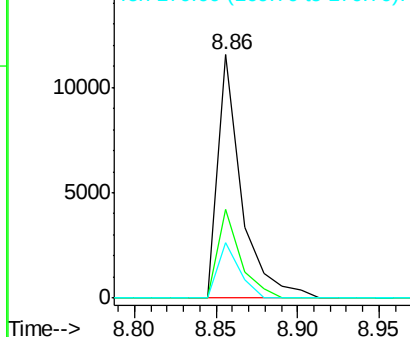


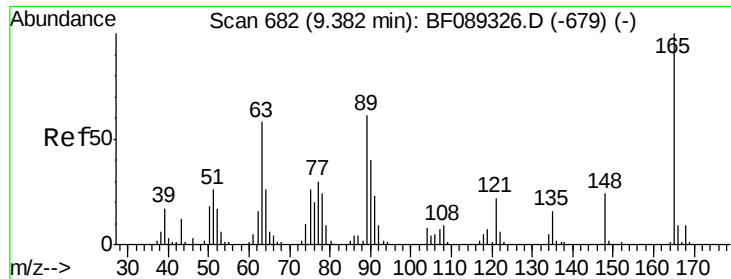
#44
 2-Fluorobiphenyl
 Concen: 3.64 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.06 min
 Lab File: BF089484.D
 Acq: 31 Jul 2016 21:48

Tgt Ion:172 Resp: 11715
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.2 43.8
 170 22.8 19.2 28.8



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

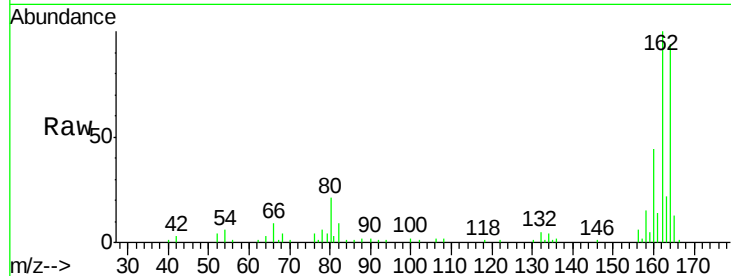




#50
 2,6-Dinitrotoluene
 Concen: 7.98 ng
 RT: 9.52 min Scan# 694
 Delta R.T. 0.14 min
 Lab File: BF089484.D
 Acq: 31 Jul 2016 21:48

Instrument :
 BNA_F
 ClientSampleId :

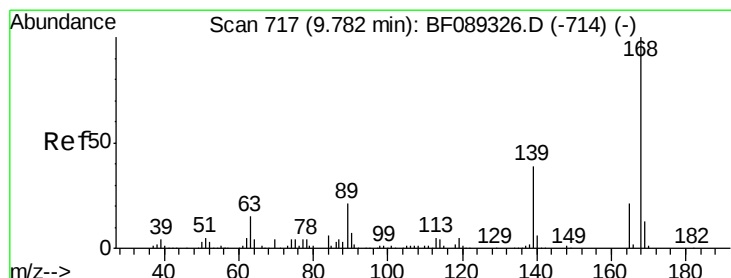
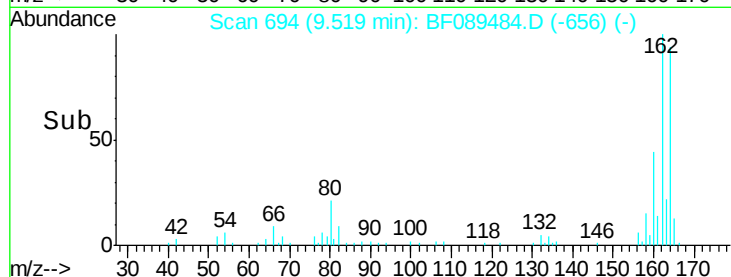
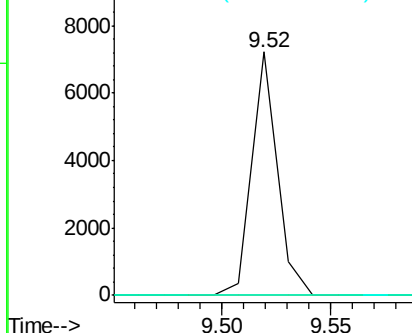
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	0.0	45.0	67.4#



Abundance Ion 165.00 (164.70 to 165.70): E

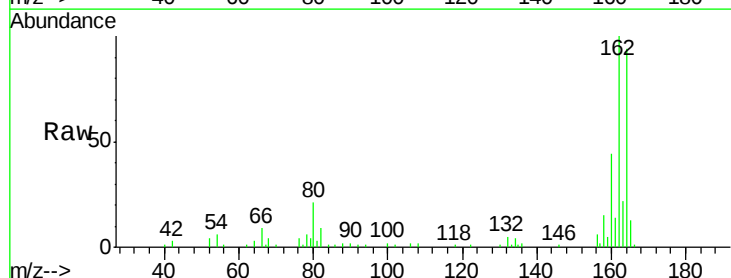
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.06 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.26 min
 Lab File: BF089484.D
 Acq: 31 Jul 2016 21:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#

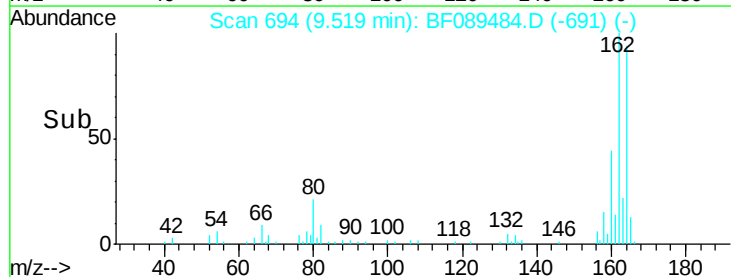
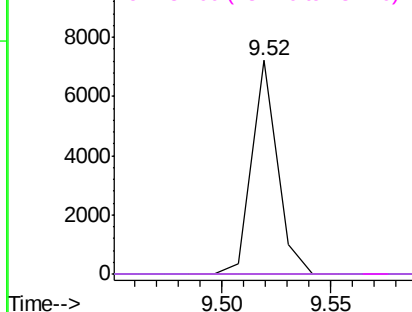


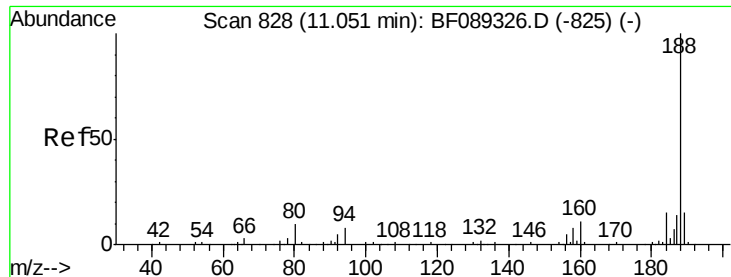
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

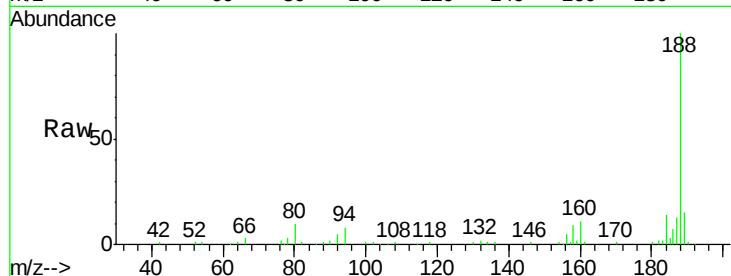




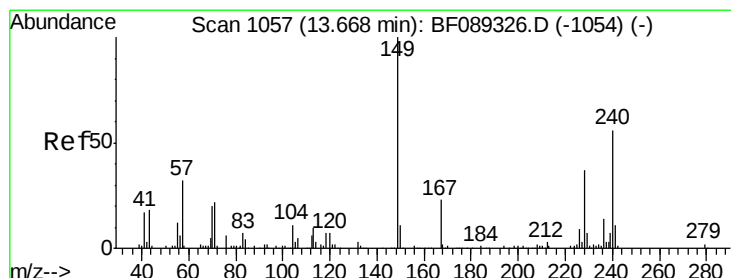
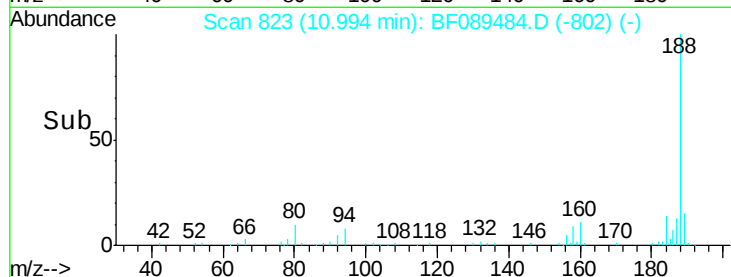
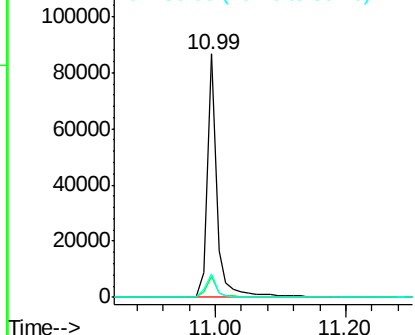
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.06 min
Lab File: BF089484.D
Acq: 31 Jul 2016 21:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 88448
Ion Ratio Lower Upper
188 100
94 8.4 6.5 9.7
80 9.7 7.2 10.8

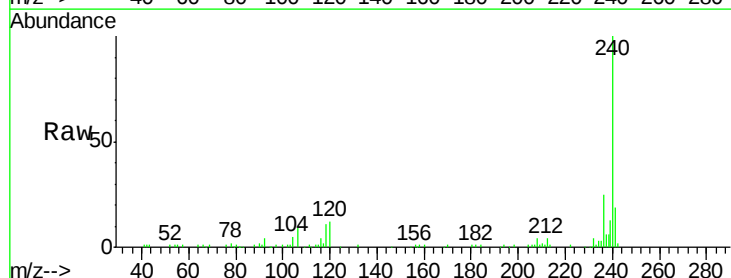


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

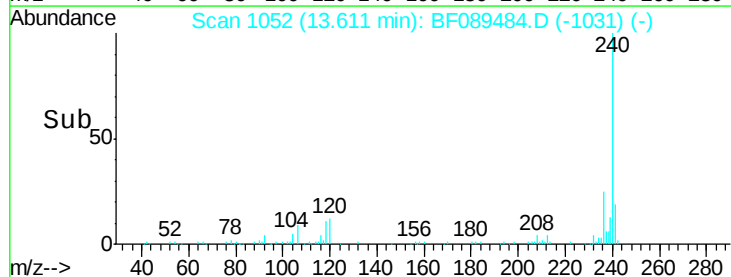
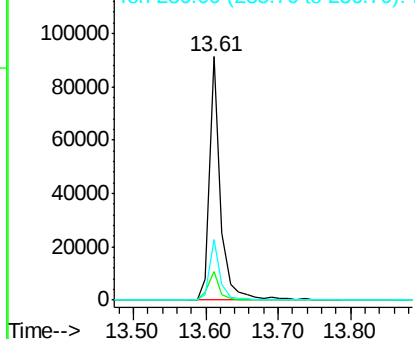


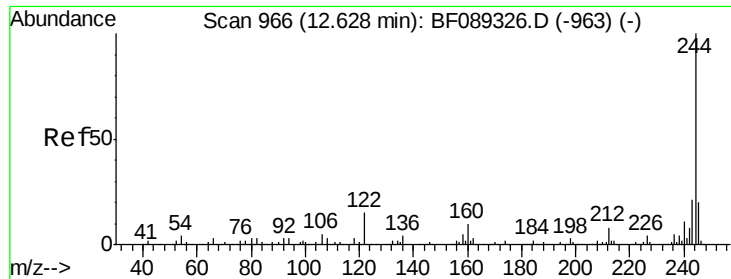
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.06 min
Lab File: BF089484.D
Acq: 31 Jul 2016 21:48

Tgt Ion:240 Resp: 96568
Ion Ratio Lower Upper
240 100
120 11.6 9.1 13.7
236 24.7 20.6 30.8



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

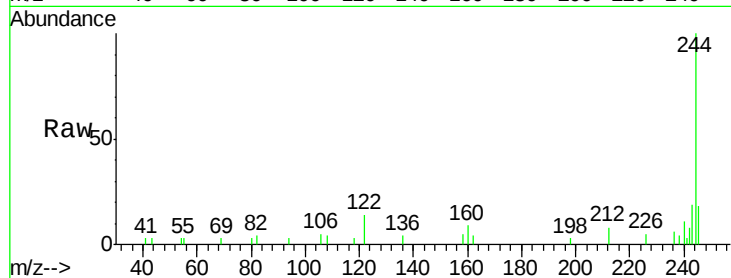




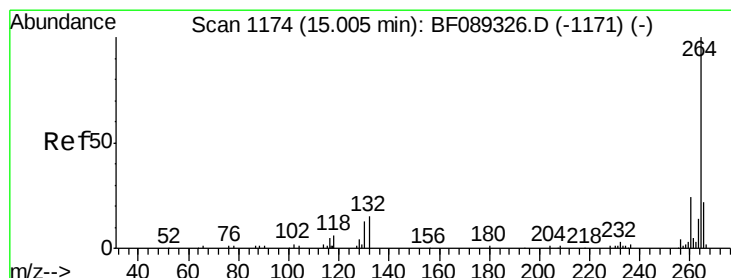
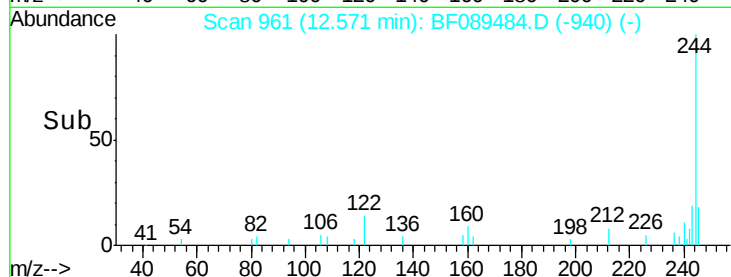
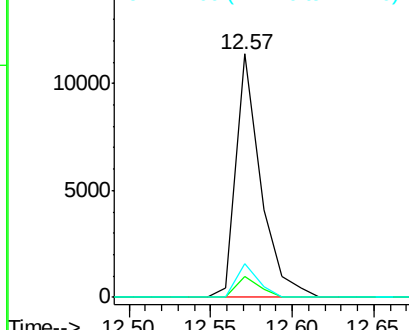
#78
 Terphenyl-d14
 Concen: 2.88 ng
 RT: 12.57 min Scan# 961
 Delta R.T. -0.06 min
 Lab File: BF089484.D
 Acq: 31 Jul 2016 21:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 11869
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 13.6 11.4 17.0

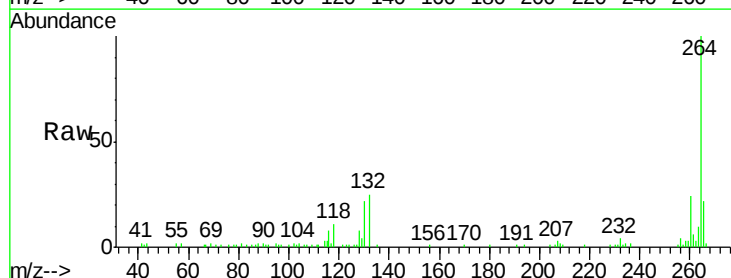


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BF089484.D
 Acq: 31 Jul 2016 21:48

Tgt Ion:264 Resp: 72710
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 21.8 17.5 26.3



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

