

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071516\
 Data File : BF089032.D
 Acq On : 15 Jul 2016 23:03
 Operator : UM/SJ
 Sample : H3951-18 15X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB06(7-9ft)

Quant Time: Jul 16 01:22:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 16 00:31:51 2016
 Response via : Initial Calibration

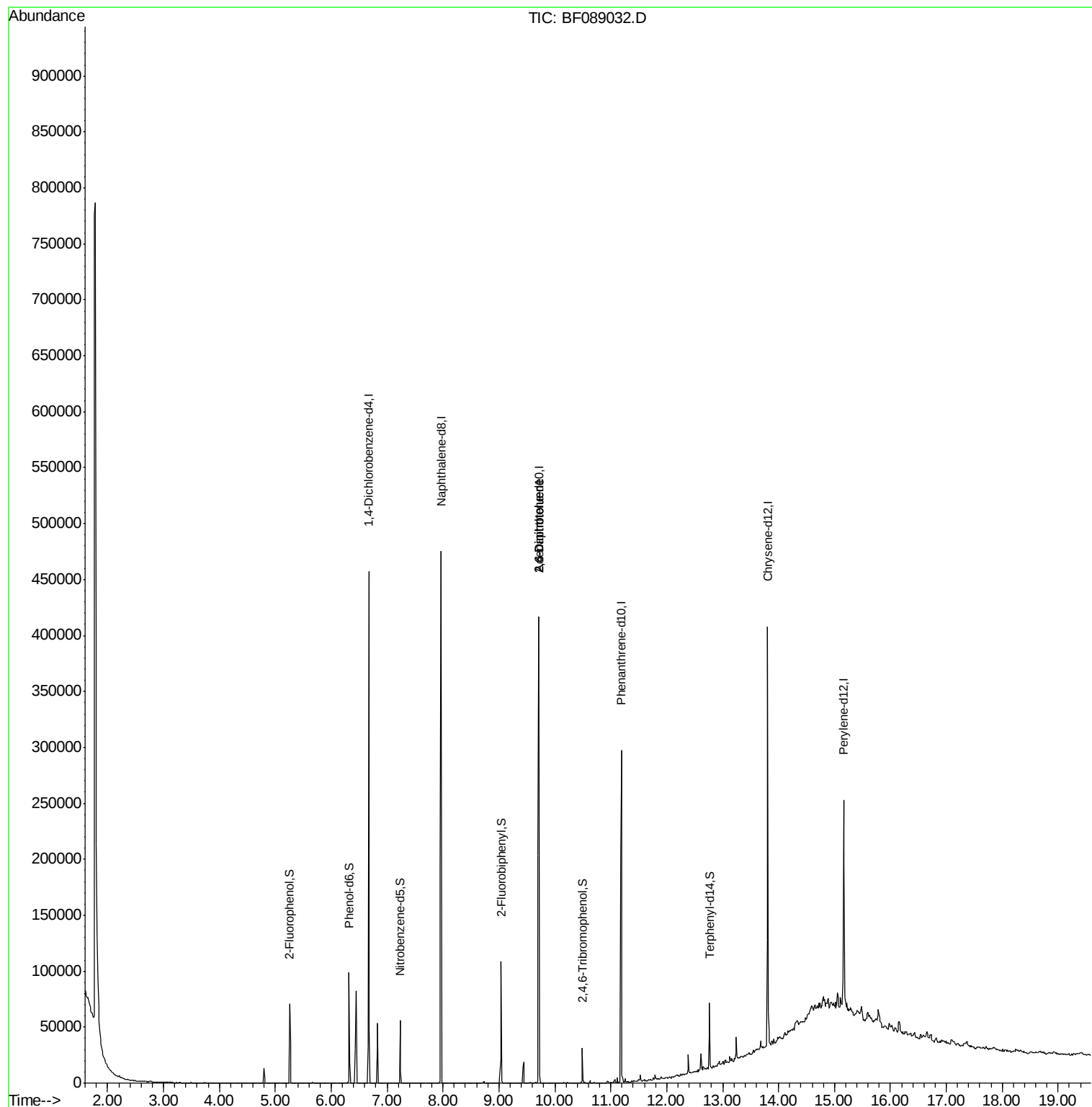
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	59834	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	233322	20.00	ng	0.00
38) Acenaphthene-d10	9.71	164	91545	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	141042	20.00	ng	0.00
75) Chrysene-d12	13.81	240	110308	20.00	ng	-0.01
86) Perylene-d12	15.17	264	81226	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	22145	5.55	ng	-0.01
7) Phenol-d6	6.32	99	31196	6.05	ng	-0.01
23) Nitrobenzene-d5	7.23	82	17551	3.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	3393	3.99	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	35002	6.04	ng	0.00
78) Terphenyl-d14	12.77	244	19251	3.89	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.71	165	12049	8.34	ng	# 37
56) 2,4-Dinitrotoluene	9.71	165	12049	6.38	ng	# 36

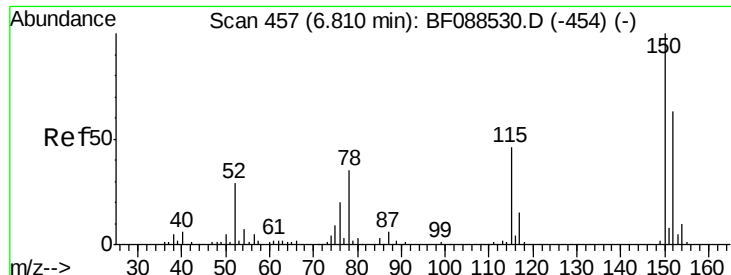
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 15 Jul 2016 23:03
Operator : UM/SJ
Sample : H3951-18 15X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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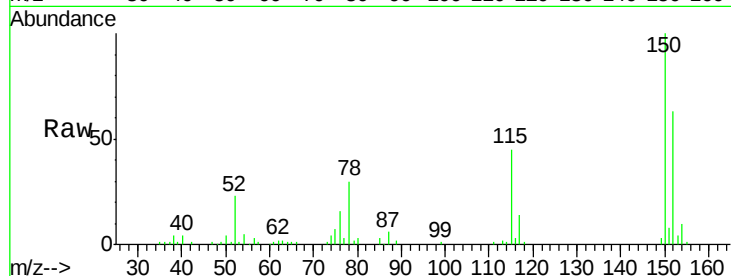




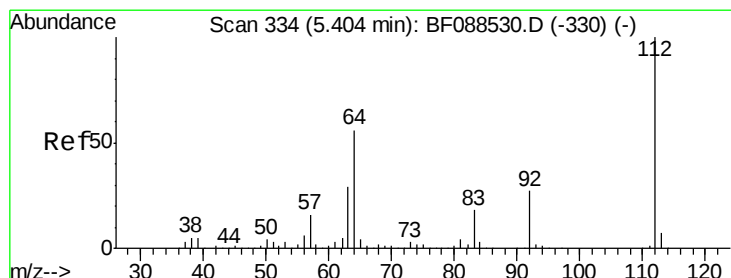
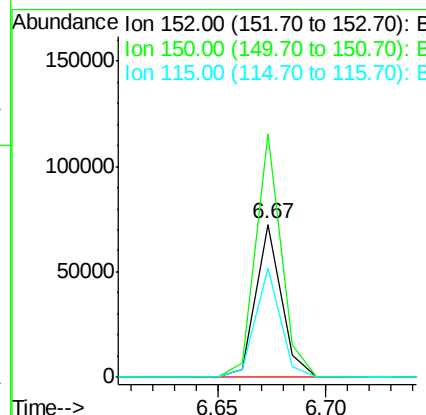
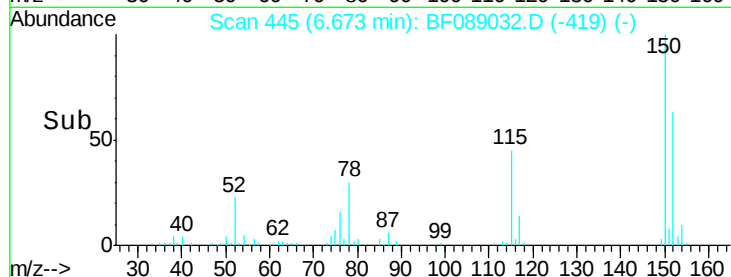
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF089032.D
 Acq: 15 Jul 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB06(7-9ft)

Tgt Ion:152 Resp: 59834
 Ion Ratio Lower Upper
 152 100
 150 159.4 123.8 185.6
 115 71.1 39.6 59.4#

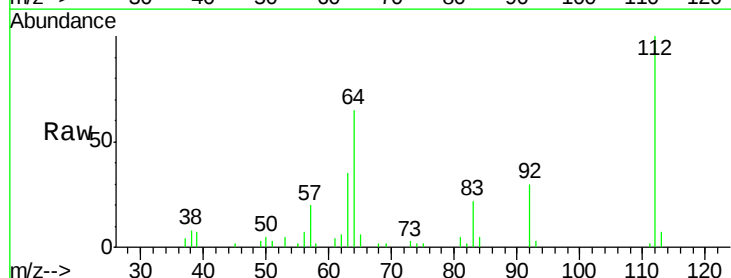


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

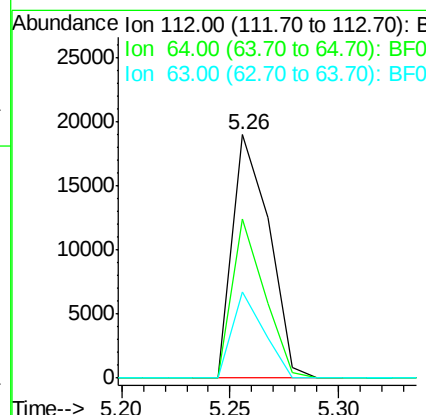
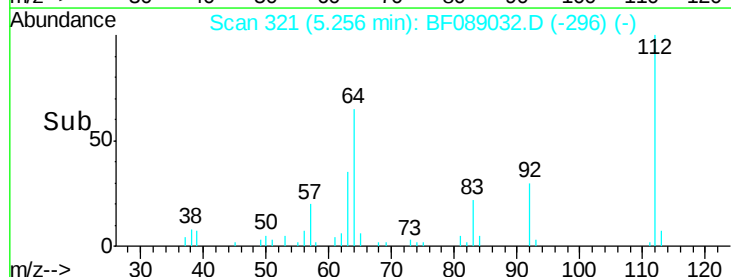


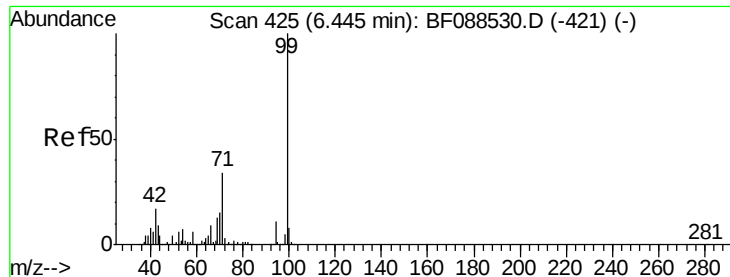
#5
 2-Fluorophenol
 Concen: 5.55 ng
 RT: 5.26 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: BF089032.D
 Acq: 15 Jul 2016 23:03

Tgt Ion:112 Resp: 22145
 Ion Ratio Lower Upper
 112 100
 64 65.4 42.2 63.2#
 63 35.5 21.8 32.8#



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: 6.05 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF089032.D

Acq: 15 Jul 2016 23:03

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB06(7-9ft)

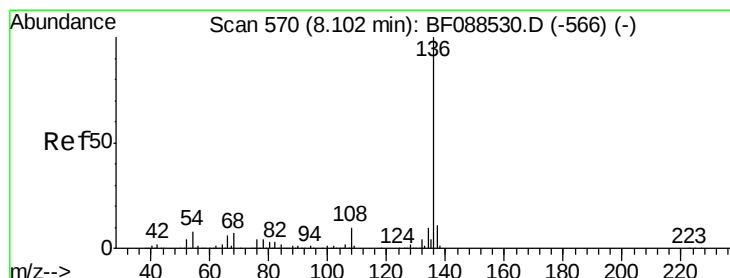
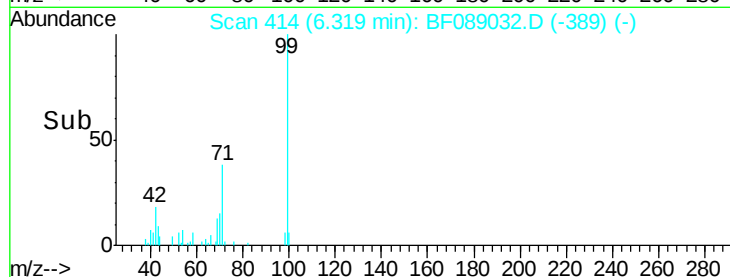
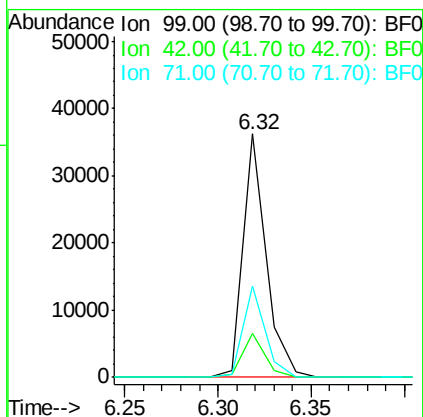
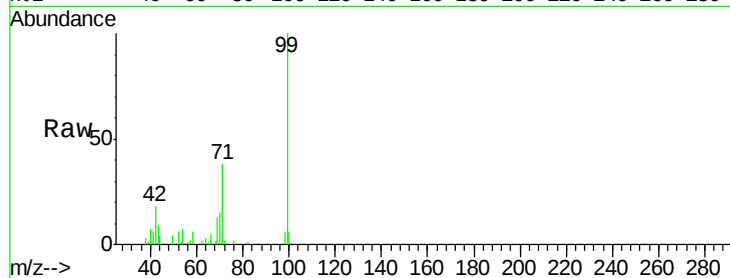
Tgt Ion: 99 Resp: 31196

Ion Ratio Lower Upper

99 100

42 18.2 12.2 18.2

71 37.7 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF089032.D

Acq: 15 Jul 2016 23:03

Tgt Ion: 136 Resp: 233322

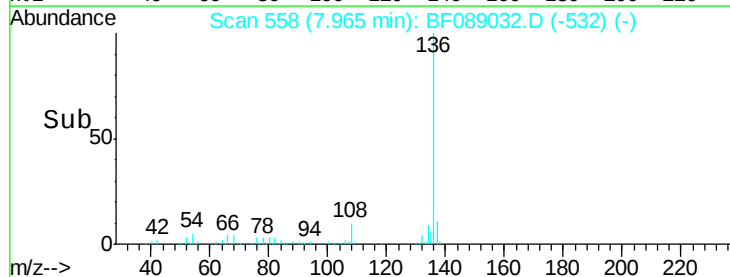
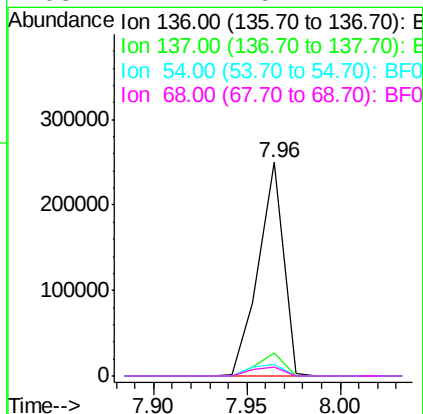
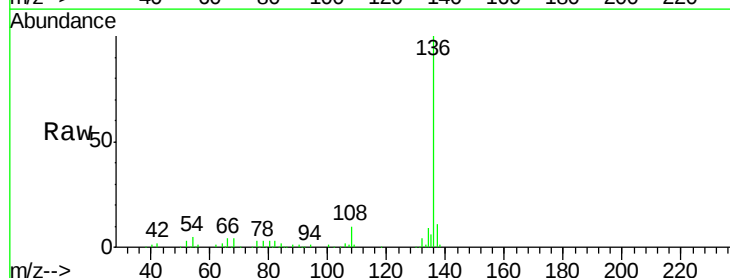
Ion Ratio Lower Upper

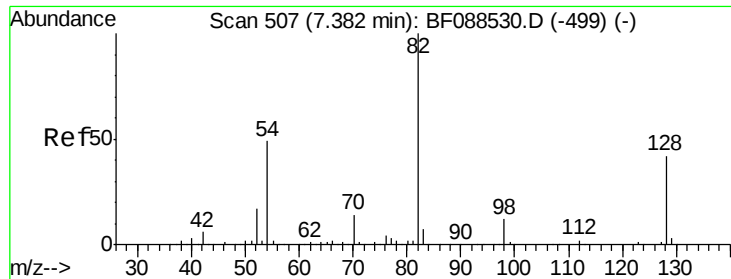
136 100

137 10.6 9.1 13.7

54 5.2 6.6 10.0#

68 4.4 5.1 7.7#

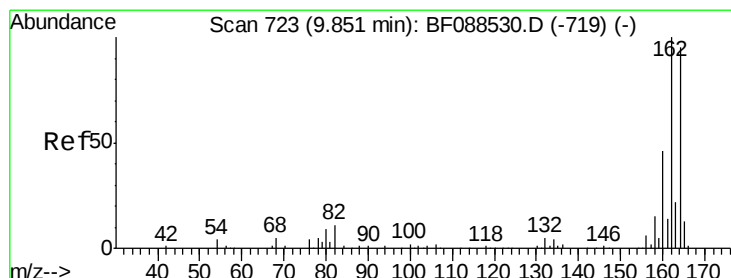
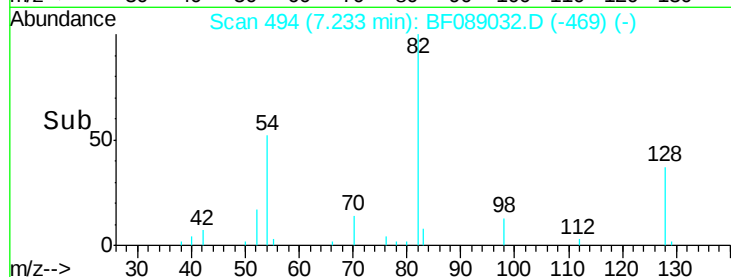
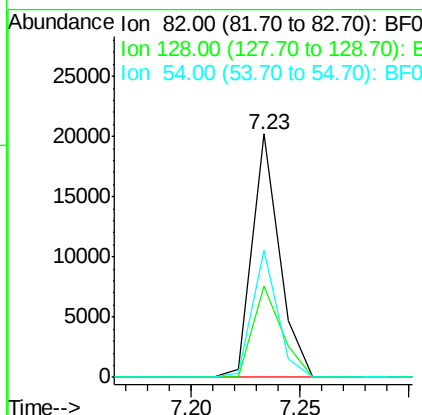
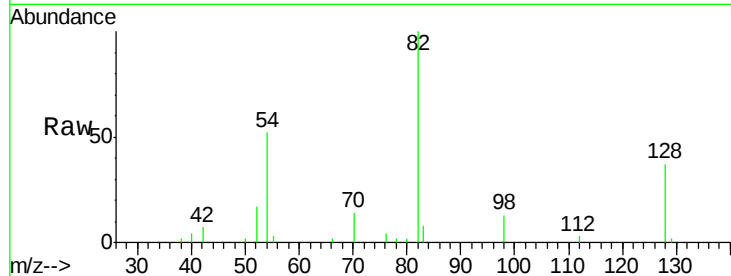




#23
 Nitrobenzene-d5
 Concen: 3.94 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF089032.D
 Acq: 15 Jul 2016 23:03

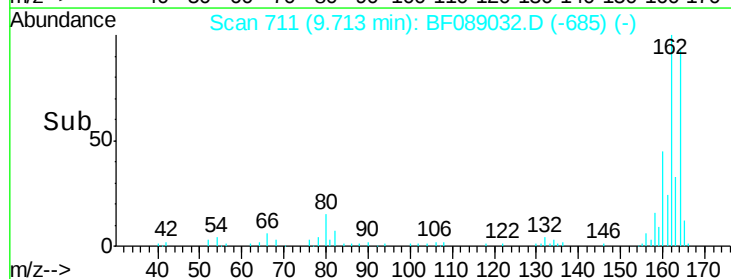
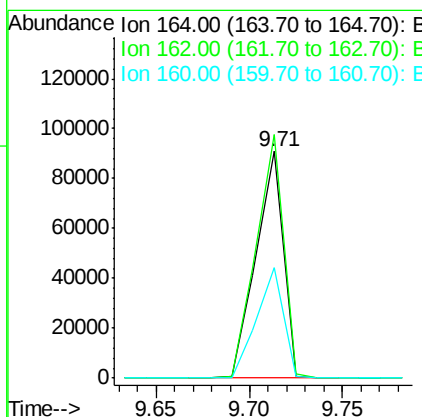
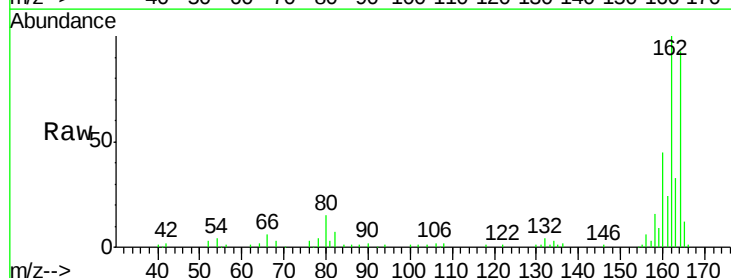
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB06(7-9ft)

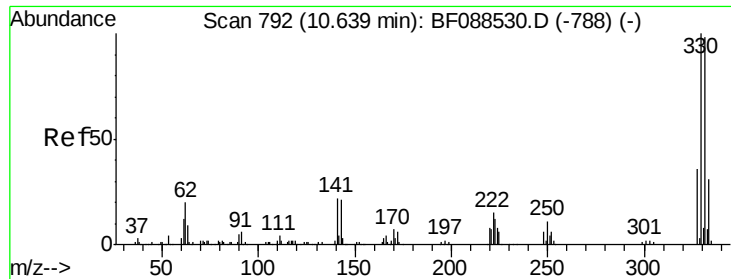
Tgt Ion: 82 Resp: 17551
 Ion Ratio Lower Upper
 82 100
 128 37.3 35.9 53.9
 54 52.1 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089032.D
 Acq: 15 Jul 2016 23:03

Tgt Ion: 164 Resp: 91545
 Ion Ratio Lower Upper
 164 100
 162 107.5 85.4 128.2
 160 48.9 39.5 59.3

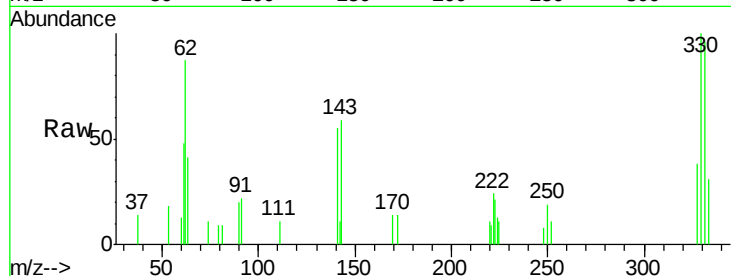




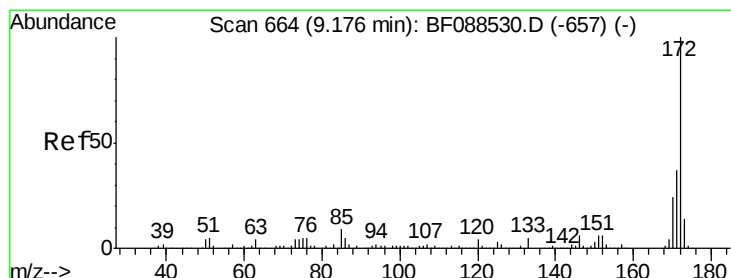
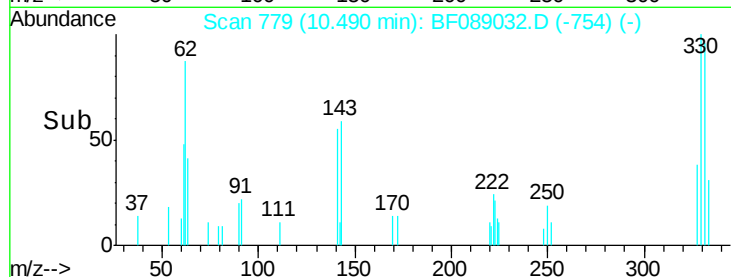
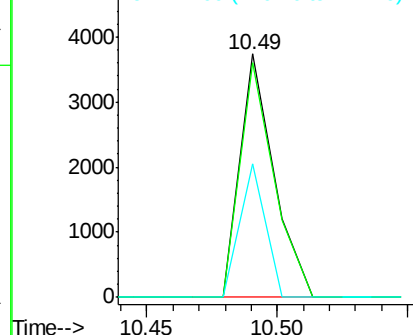
#41
 2,4,6-Tribromophenol
 Concen: 3.99 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089032.D
 Acq: 15 Jul 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB06(7-9ft)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	41.6	0.0	0.0#

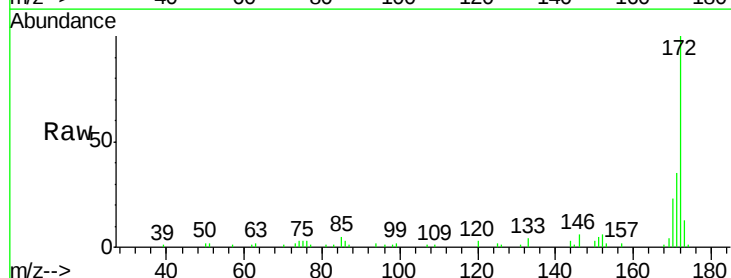


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

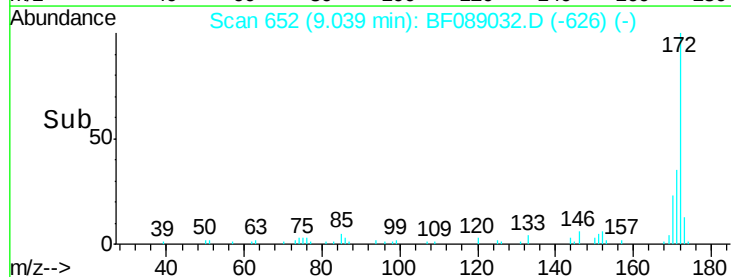
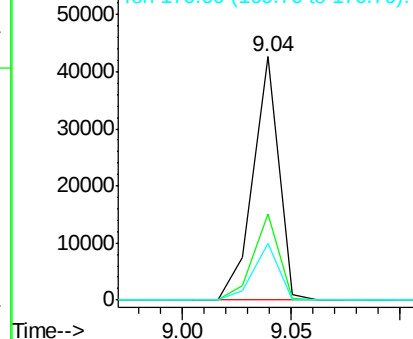


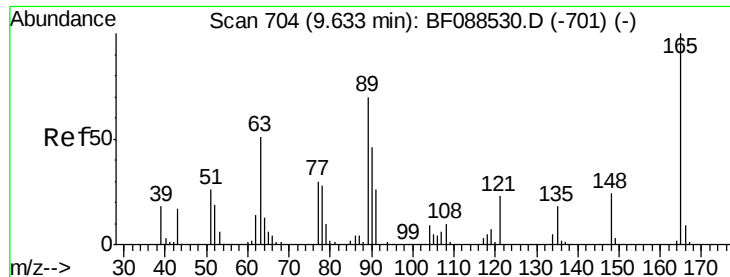
#44
 2-Fluorobiphenyl
 Concen: 6.04 ng
 RT: 9.04 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF089032.D
 Acq: 15 Jul 2016 23:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.1	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

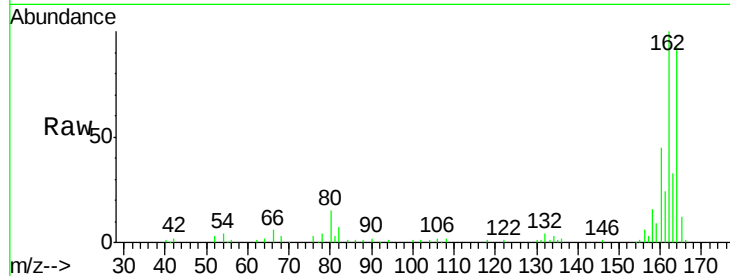




#50
 2,6-Dinitrotoluene
 Concen: 8.34 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.21 min
 Lab File: BF089032.D
 Acq: 15 Jul 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB06(7-9ft)

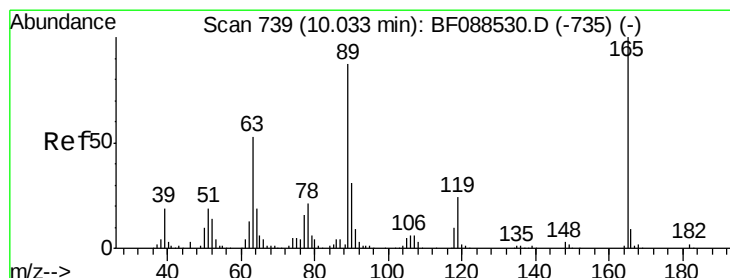
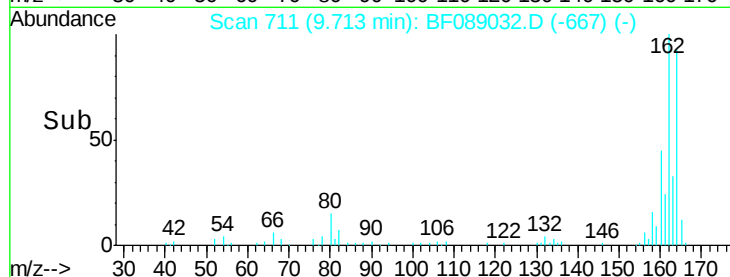
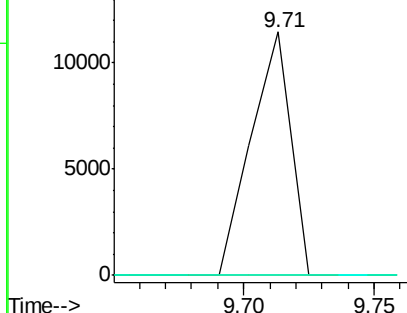
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#



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: 6.38 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.19 min
 Lab File: BF089032.D
 Acq: 15 Jul 2016 23:03

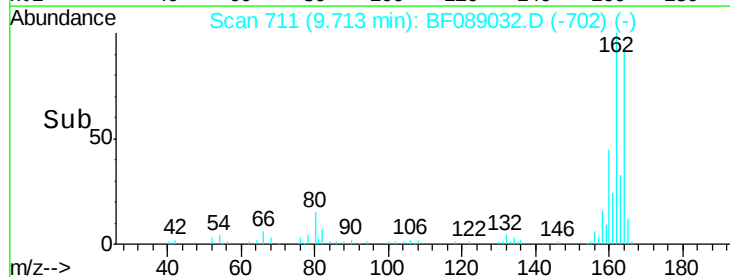
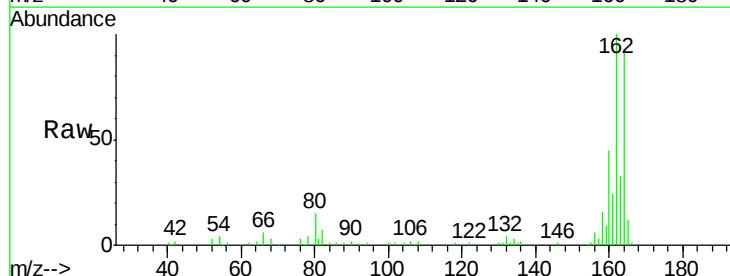
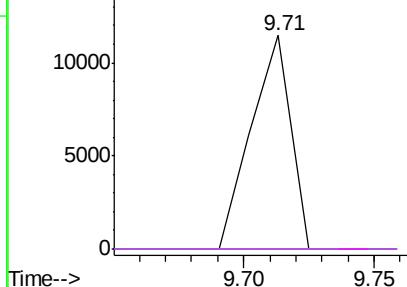
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

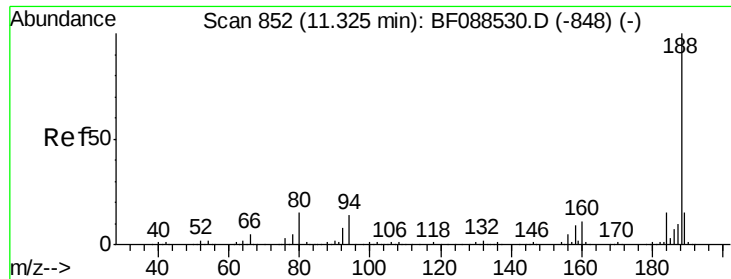
Abundance Ion 165.00 (164.70 to 165.70): E

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

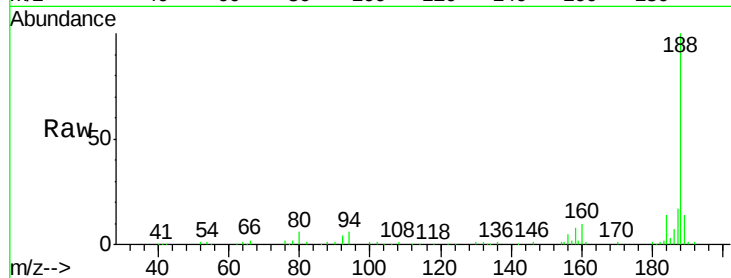




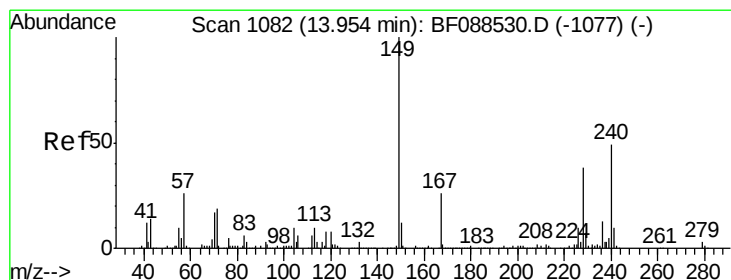
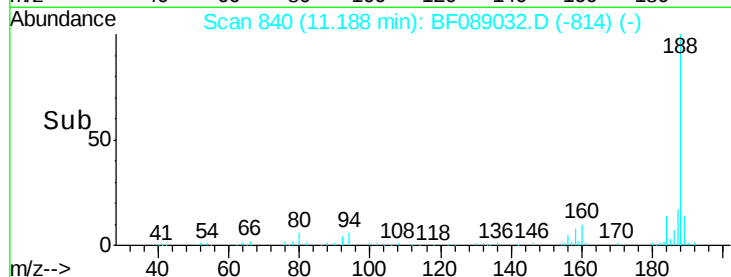
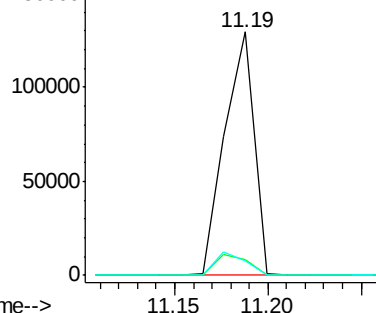
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF089032.D
Acq: 15 Jul 2016 23:03

Instrument :
BNA_F
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LSS-SB-SB06(7-9ft)

Tgt Ion:188 Resp: 141042
Ion Ratio Lower Upper
188 100
94 6.3 9.0 13.6#
80 6.1 10.0 15.0#

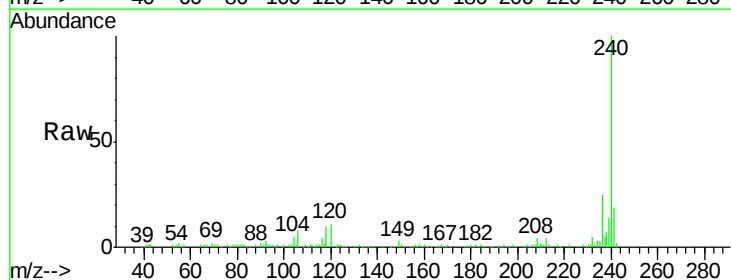


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

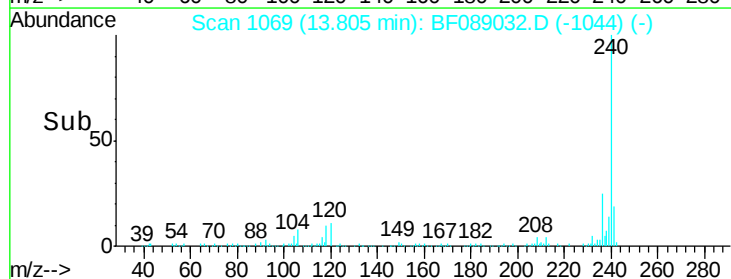
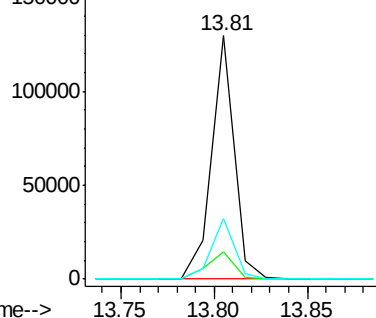


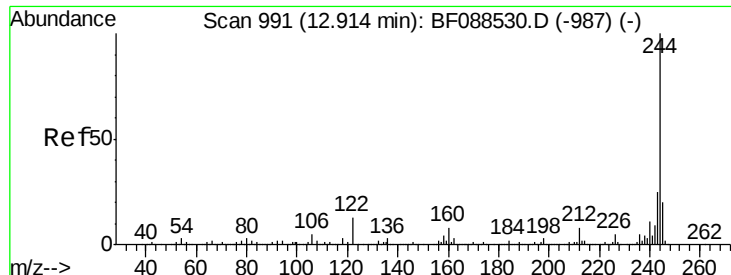
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BF089032.D
Acq: 15 Jul 2016 23:03

Tgt Ion:240 Resp: 110308
Ion Ratio Lower Upper
240 100
120 11.0 6.8 10.2#
236 25.1 20.2 30.2



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: 3.89 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF089032.D

Acq: 15 Jul 2016 23:03

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB06(7-9ft)

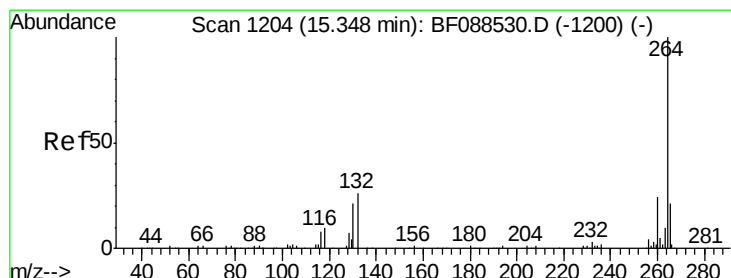
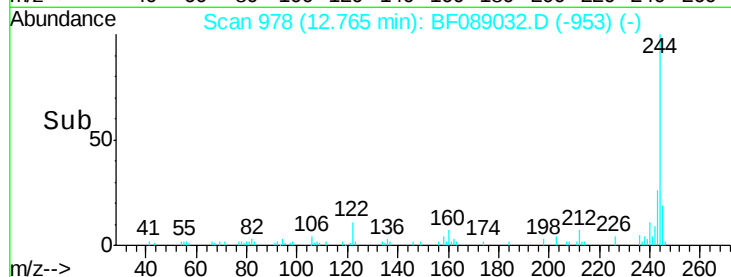
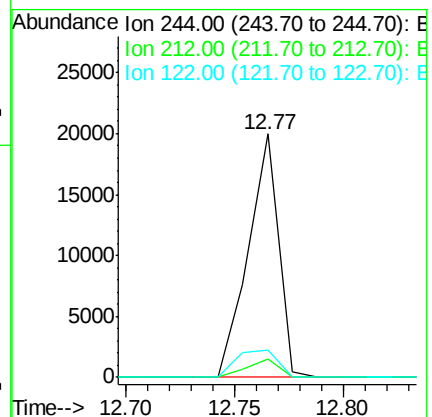
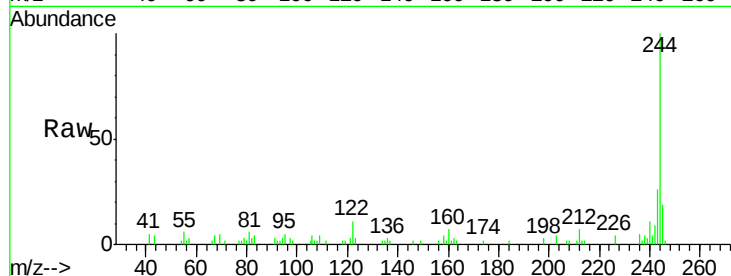
Tgt Ion:244 Resp: 19251

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 11.1 11.2 16.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF089032.D

Acq: 15 Jul 2016 23:03

Tgt Ion:264 Resp: 81226

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.0 16.9 25.3

