

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089525.D
 Acq On : 1 Aug 2016 22:26
 Operator : UM/SJ
 Sample : H4269-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-DUP-02-072716

Quant Time: Aug 02 01:49:01 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

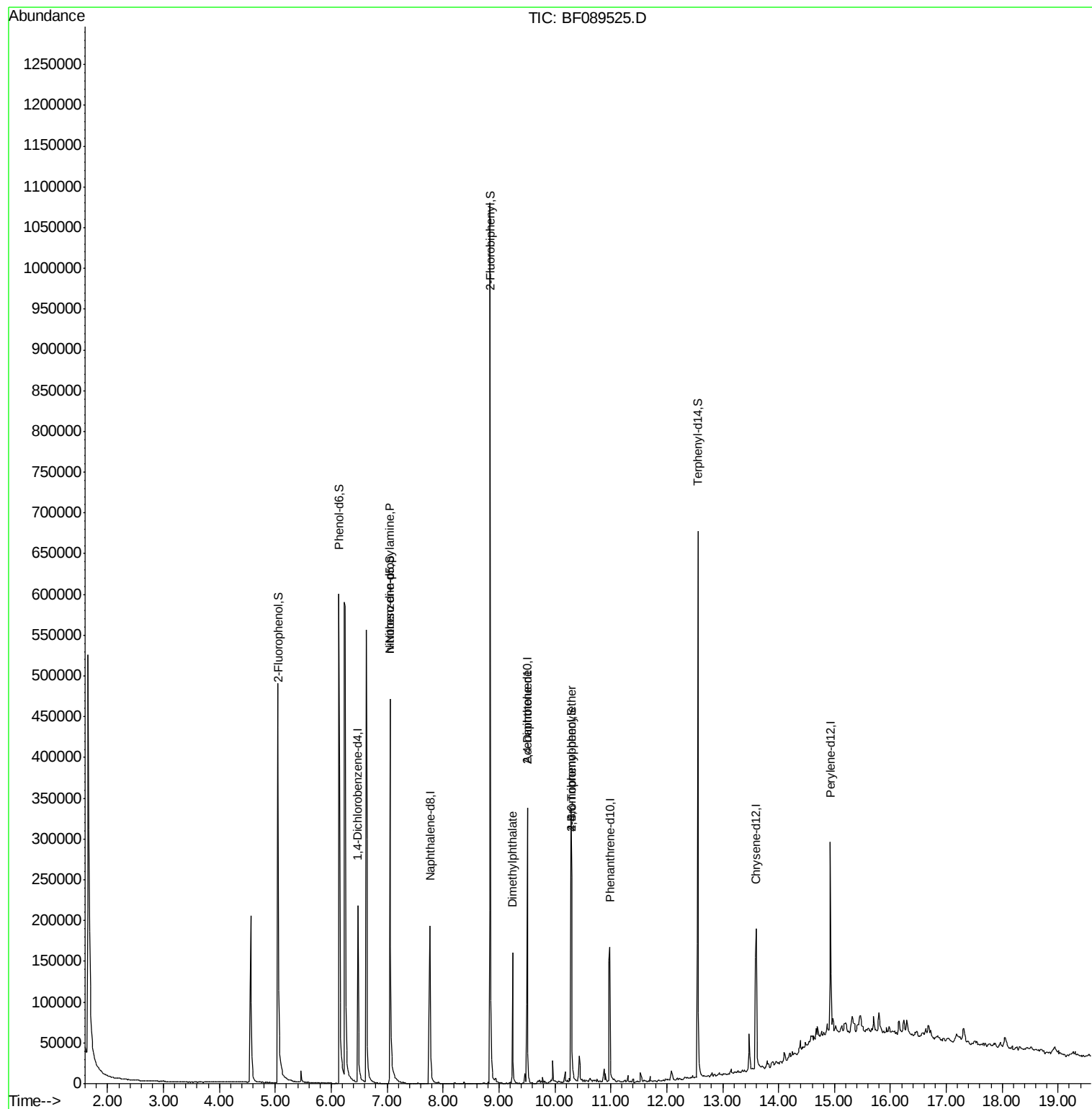
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	42899	20.00	ng	-0.07
21) Naphthalene-d8	7.77	136	162771	20.00	ng	-0.06
38) Acenaphthene-d10	9.51	164	70673	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	106559	20.00	ng	-0.07
75) Chrysene-d12	13.60	240	88060	20.00	ng	-0.07
86) Perylene-d12	14.93	264	95179	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	257228	95.74	ng	-0.06
7) Phenol-d6	6.14	99	334296	94.15	ng	-0.07
23) Nitrobenzene-d5	7.05	82	212114	76.92	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	46466	79.38	ng	-0.07
44) 2-Fluorobiphenyl	8.84	172	351425	72.98	ng	-0.07
78) Terphenyl-d14	12.56	244	216138	57.45	ng	-0.07
Target Compounds						
2) 1,4-Dioxane	1.95	88	639	Below Cal	#	26
19) n-Nitroso-di-n-propylamine	7.05	70	27518	12.85	ng	# 81
49) Dimethylphthalate	9.24	163	64187	11.93	ng	99
56) 2,4-Dinitrotoluene	9.51	165	8657	5.95	ng	# 7
66) 4-Bromophenyl-phenylether	10.30	248	3454	3.39	ng	# 1

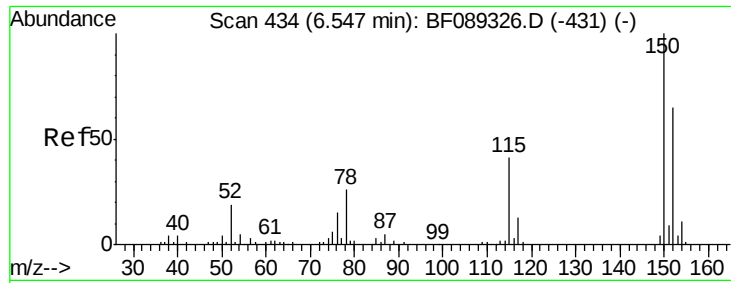
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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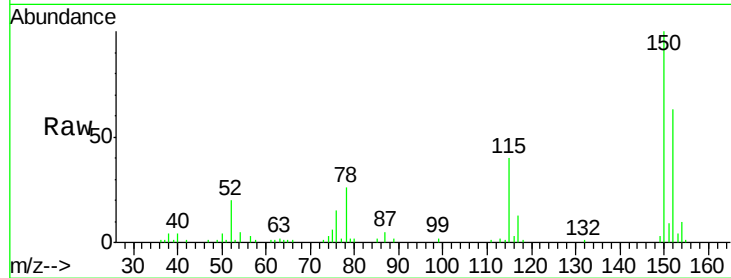


#1

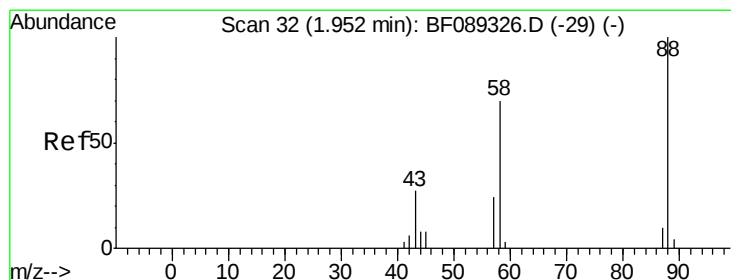
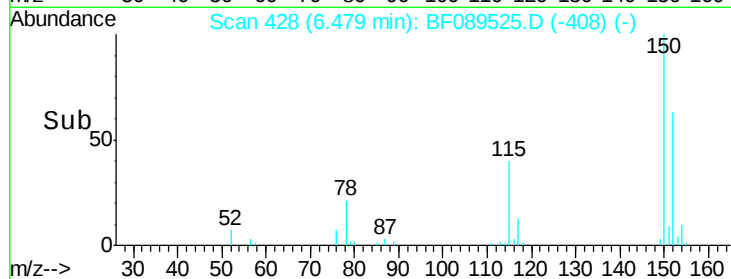
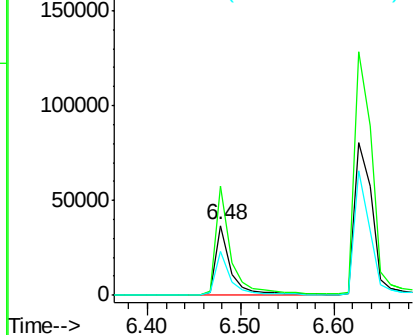
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.07 min
Lab File: BF089525.D
Acq: 1 Aug 2016 22:26

Instrument :
BNA_F
ClientSampleId :
SB-DUP-02-072716

Tgt Ion: 152 Resp: 42899
Ion Ratio Lower Upper
152 100
150 157.8 129.5 194.3
115 63.6 51.4 77.2



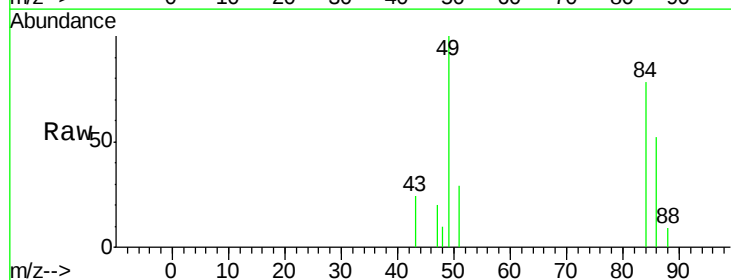
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



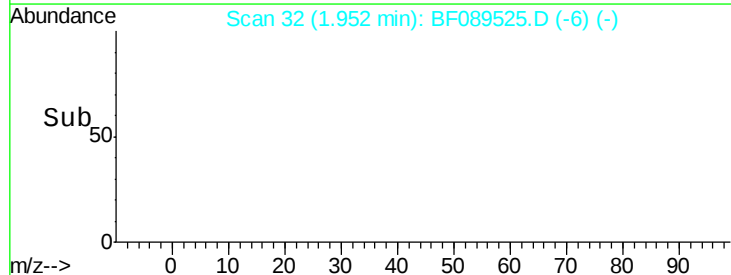
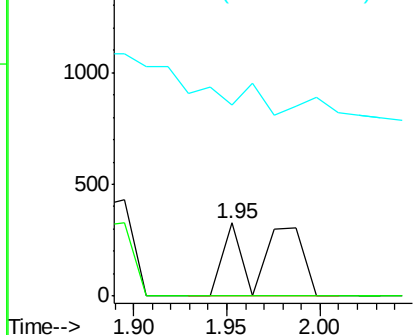
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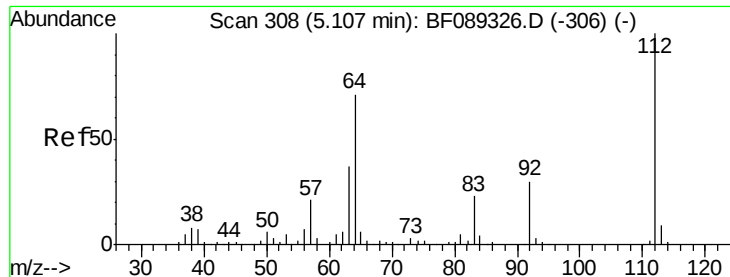
1,4-Dioxane
Concen: Below Cal
RT: 1.95 min Scan# 32
Delta R.T. 0.00 min
Lab File: BF089525.D
Acq: 1 Aug 2016 22:26

Tgt Ion: 88 Resp: 639
Ion Ratio Lower Upper
88 100
58 0.0 53.2 79.8#
43 0.0 20.6 31.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 95.74 ng

RT: 5.05 min Scan# 303

Delta R.T. -0.06 min

Lab File: BF089525.D

Acq: 1 Aug 2016 22:26

Instrument :

BNA_F

ClientSampleId :

SB-DUP-02-072716

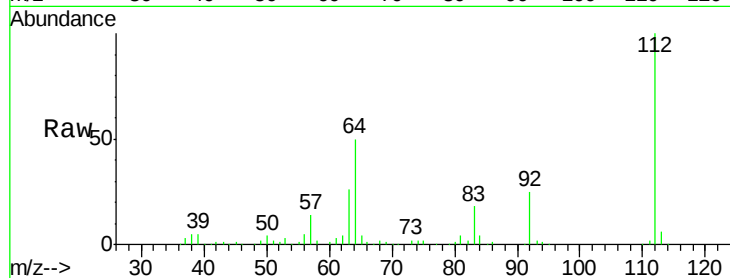
Tgt Ion: 112 Resp: 257228

Ion Ratio Lower Upper

112 100

64 49.9 55.0 82.6#

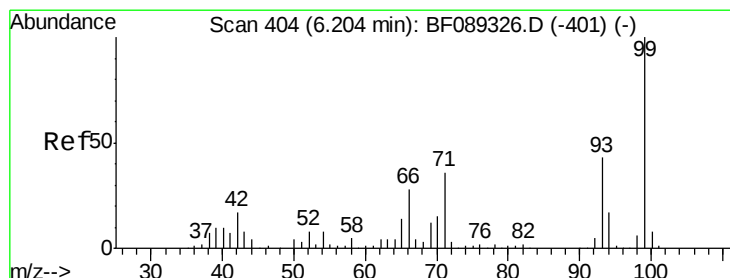
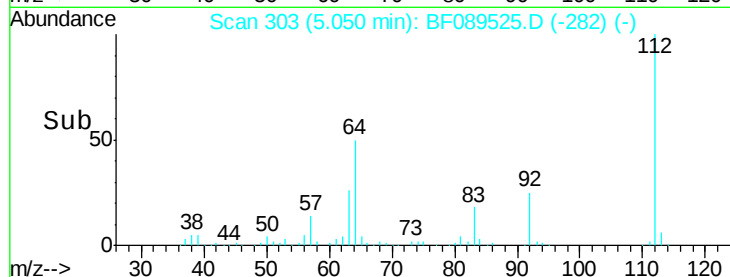
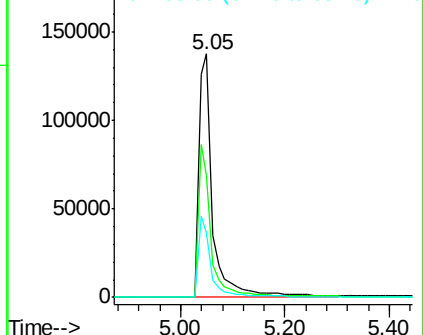
63 26.4 29.4 44.2#



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: 94.15 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF089525.D

Acq: 1 Aug 2016 22:26

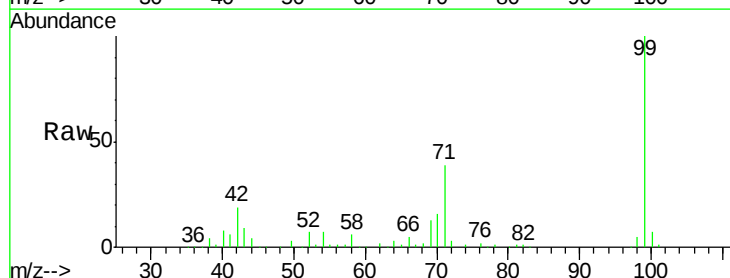
Tgt Ion: 99 Resp: 334296

Ion Ratio Lower Upper

99 100

42 19.3 13.6 20.4

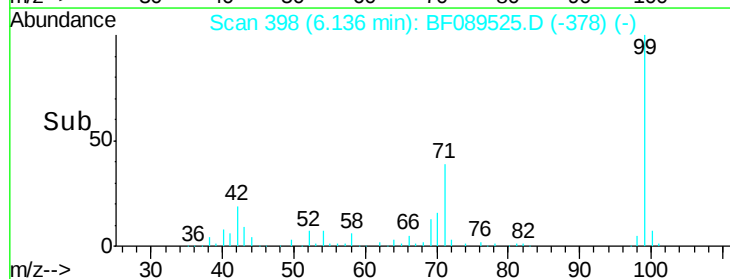
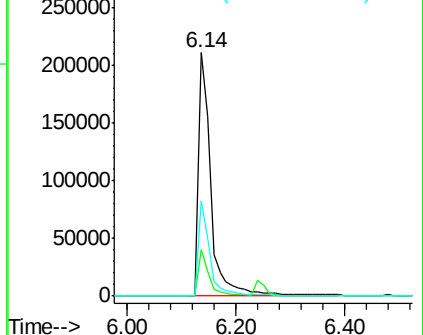
71 39.0 29.4 44.2

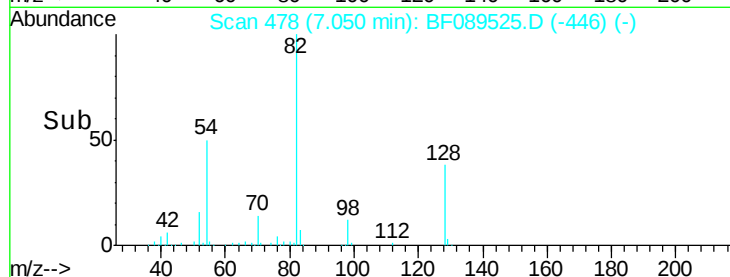
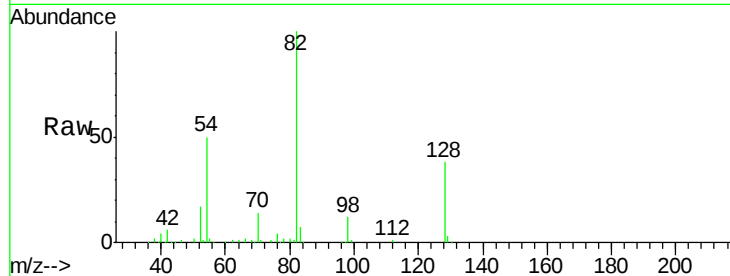
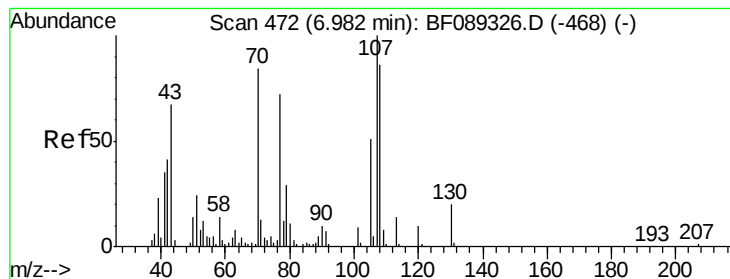


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.85 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.07 min

Lab File: BF089525.D

Acq: 1 Aug 2016 22:26

Instrument :

BNA_F

ClientSampleId :

SB-DUP-02-072716

Tgt Ion: 70 Resp: 27518

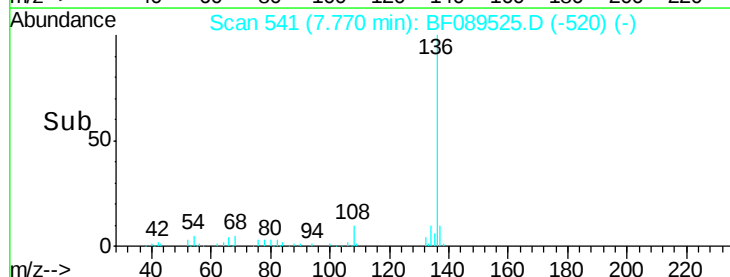
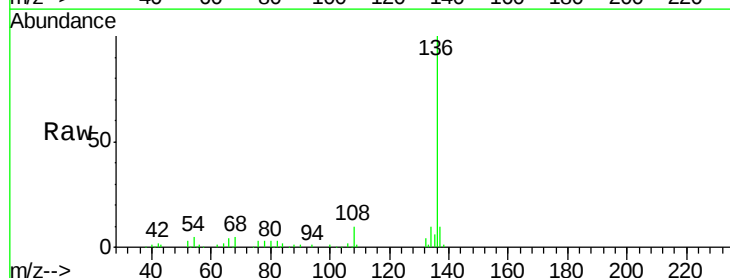
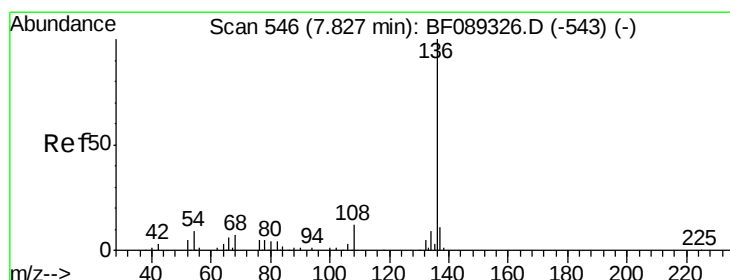
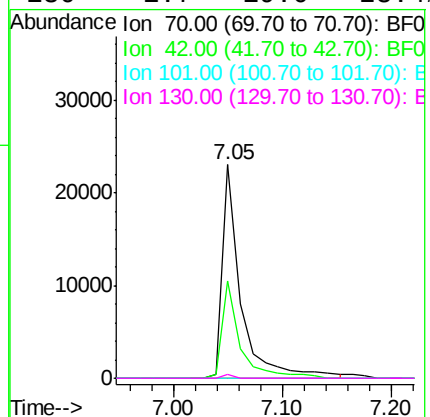
Ion Ratio Lower Upper

70 100

42 45.7 38.6 57.8

101 0.0 8.3 12.5#

130 1.7 19.0 28.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.06 min

Lab File: BF089525.D

Acq: 1 Aug 2016 22:26

Tgt Ion: 136 Resp: 162771

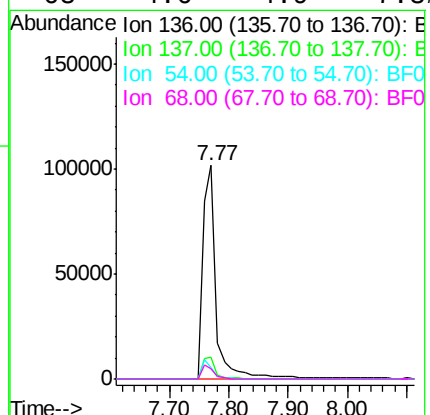
Ion Ratio Lower Upper

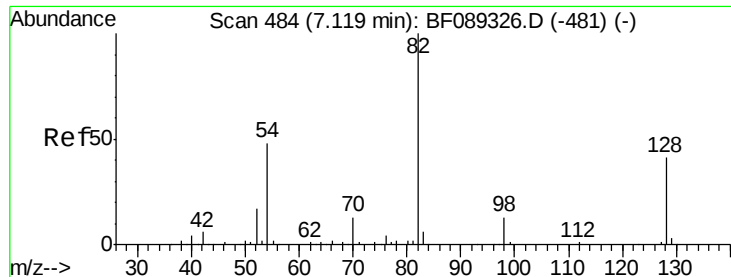
136 100

137 10.2 8.6 13.0

54 5.4 7.0 10.4#

68 4.6 4.9 7.3#

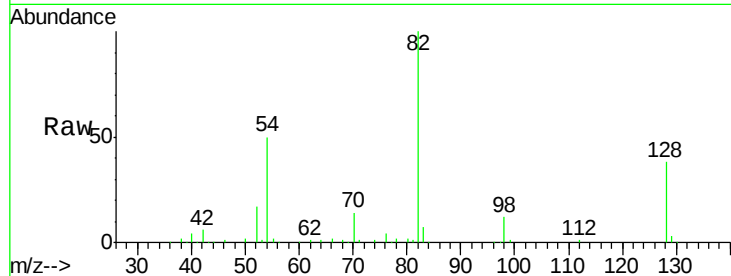




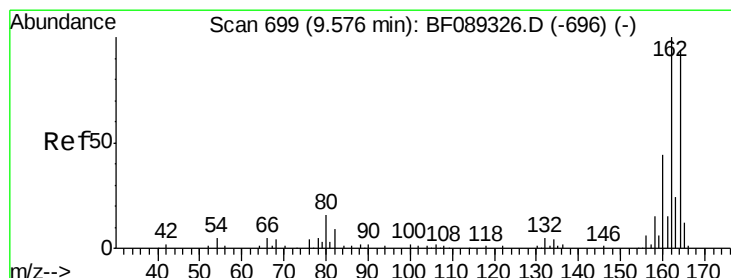
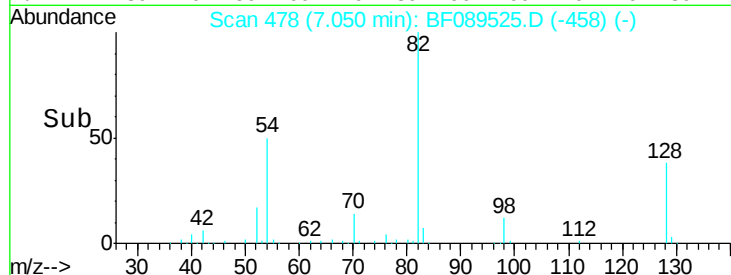
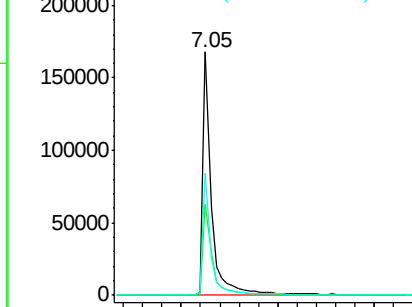
#23
 Nitrobenzene-d5
 Concen: 76.92 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.07 min
 Lab File: BF089525.D
 Acq: 1 Aug 2016 22:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-DUP-02-072716

Tgt Ion: 82 Resp: 212114
 Ion Ratio Lower Upper
 82 100
 128 37.6 32.5 48.7
 54 50.0 38.8 58.2

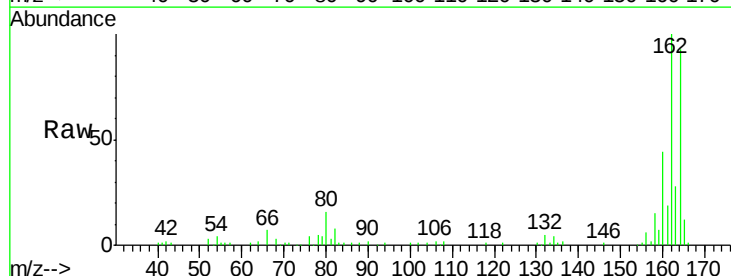


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

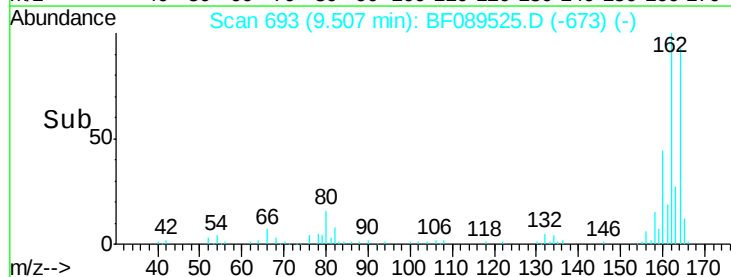
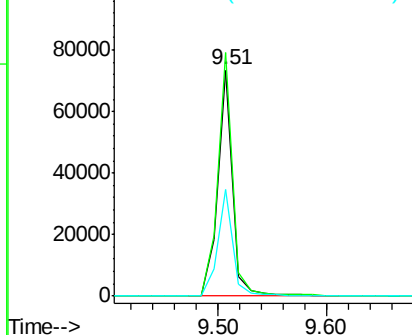


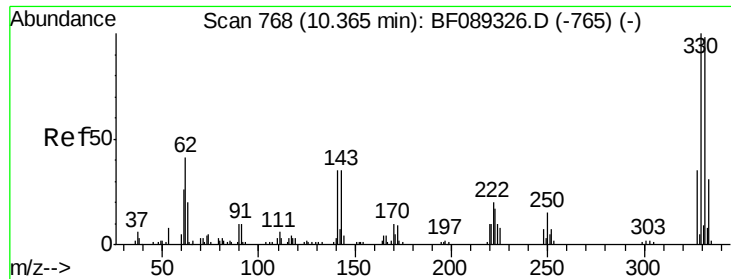
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.07 min
 Lab File: BF089525.D
 Acq: 1 Aug 2016 22:26

Tgt Ion: 164 Resp: 70673
 Ion Ratio Lower Upper
 164 100
 162 107.6 83.7 125.5
 160 46.9 37.8 56.6



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

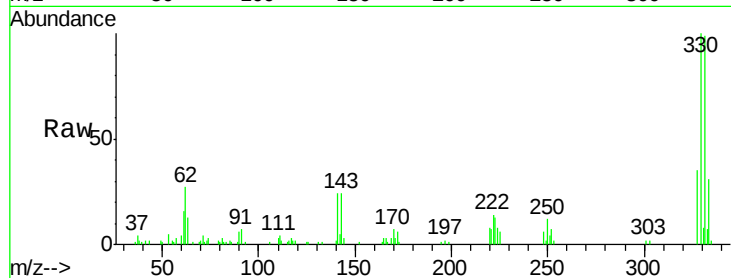




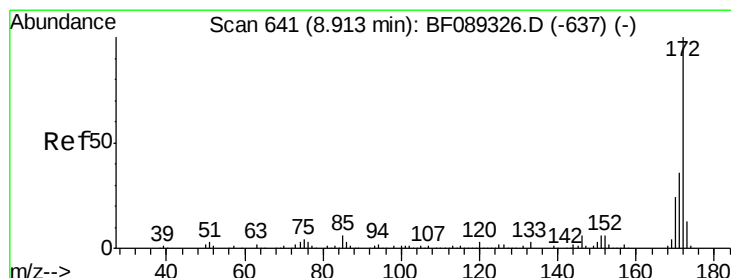
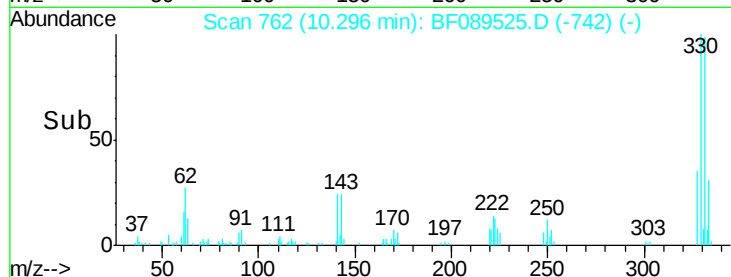
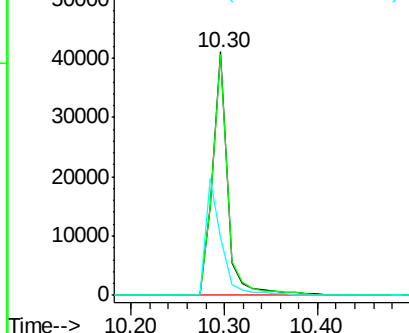
#41
 2,4,6-Tribromophenol
 Concen: 79.38 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.07 min
 Lab File: BF089525.D
 Acq: 1 Aug 2016 22:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-DUP-02-072716

Tgt Ion:330 Resp: 46466
 Ion Ratio Lower Upper
 330 100
 332 99.3 76.8 115.2
 141 50.3 37.3 55.9

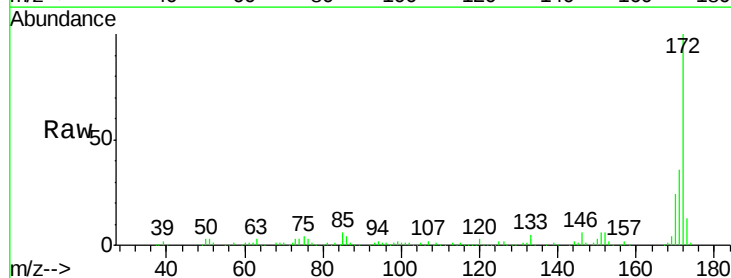


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

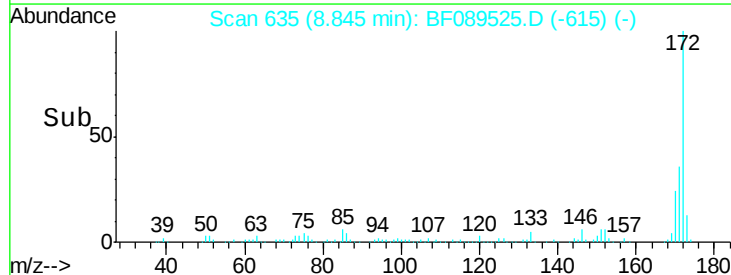
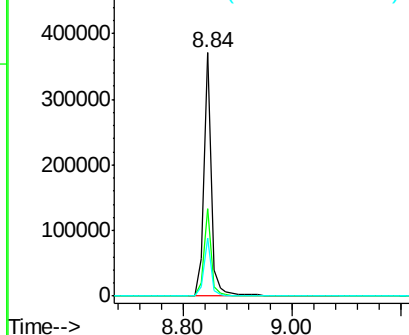


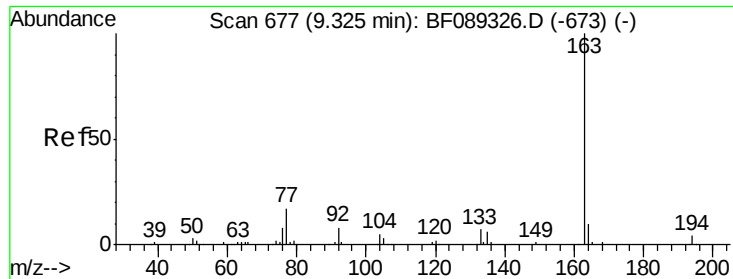
#44
 2-Fluorobiphenyl
 Concen: 72.98 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.07 min
 Lab File: BF089525.D
 Acq: 1 Aug 2016 22:26

Tgt Ion:172 Resp: 351425
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 24.0 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

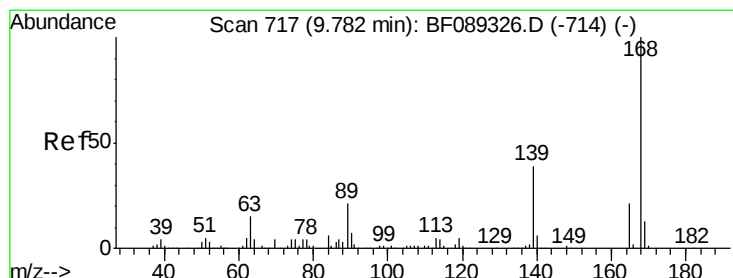
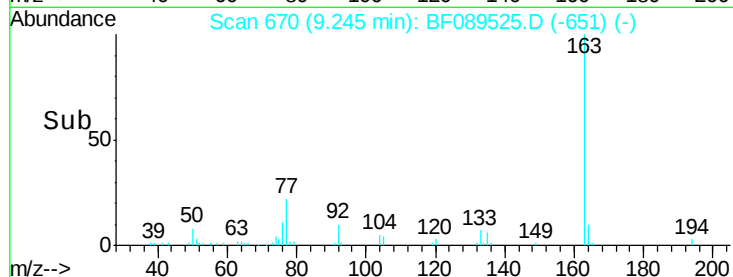
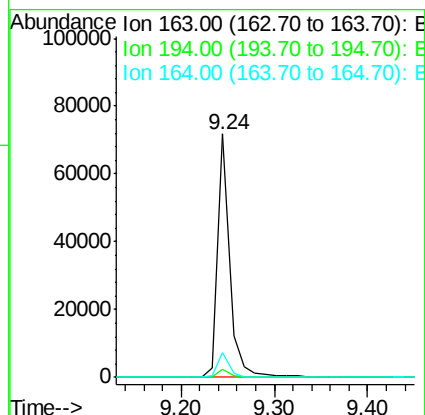
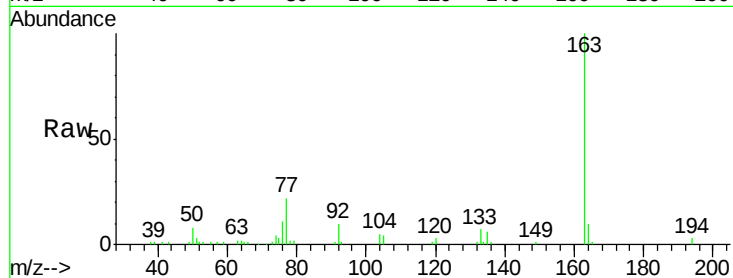




#49
Dimethylphthalate
Concen: 11.93 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.08 min
Lab File: BF089525.D
Acq: 1 Aug 2016 22:26

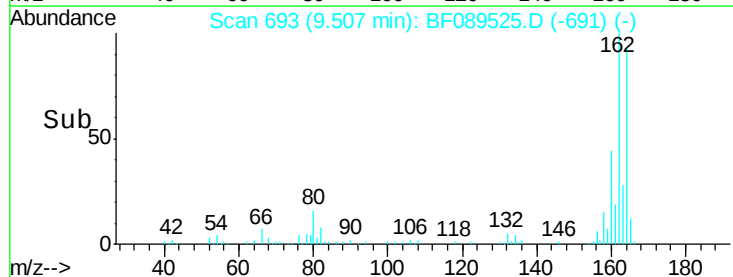
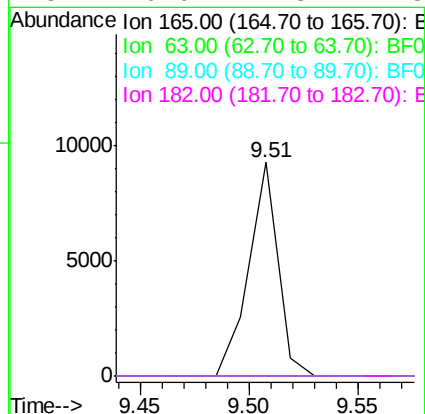
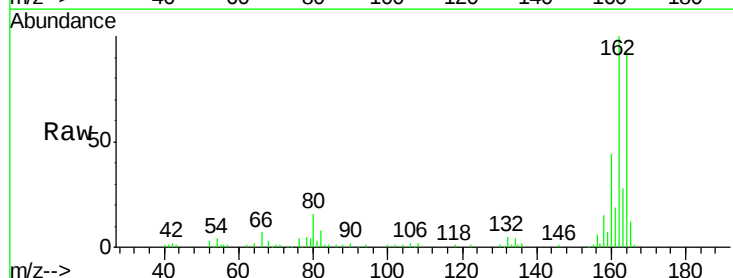
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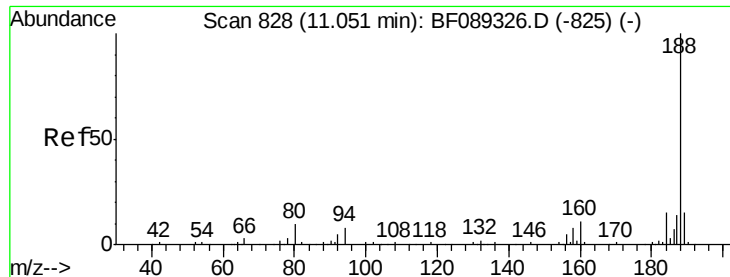
Tgt Ion:163 Resp: 64187
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.1 7.8 11.8



#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.27 min
Lab File: BF089525.D
Acq: 1 Aug 2016 22:26

Tgt Ion:165 Resp: 8657
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#

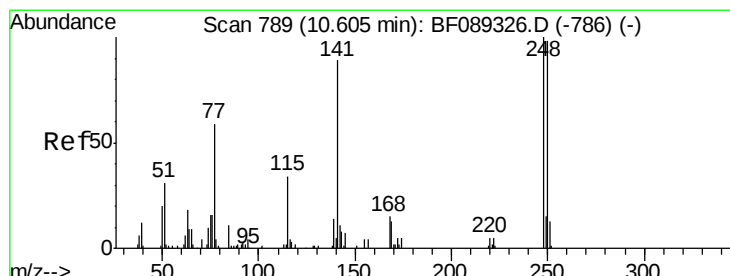
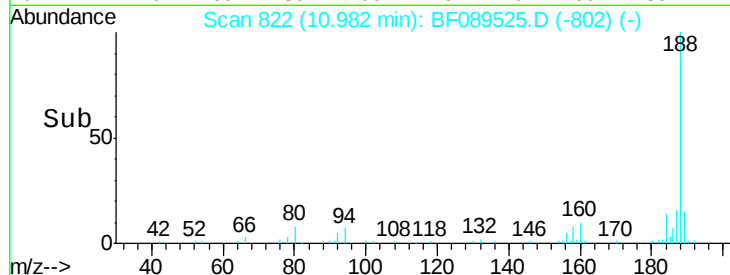
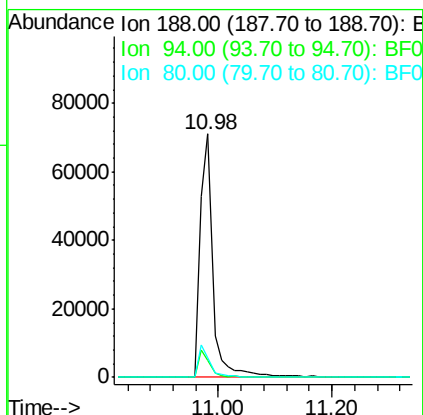
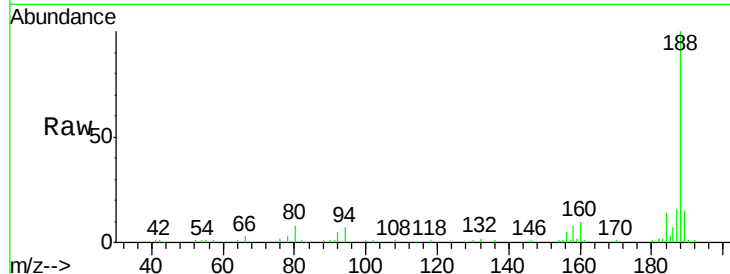




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.07 min
 Lab File: BF089525.D
 Acq: 1 Aug 2016 22:26

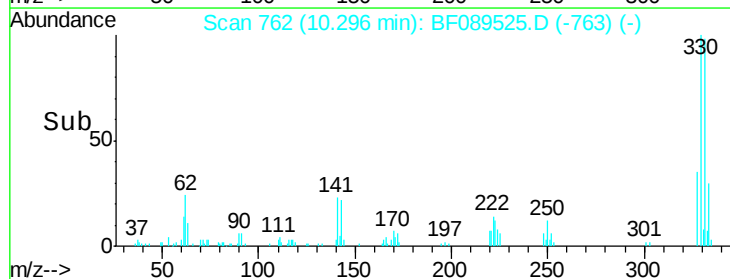
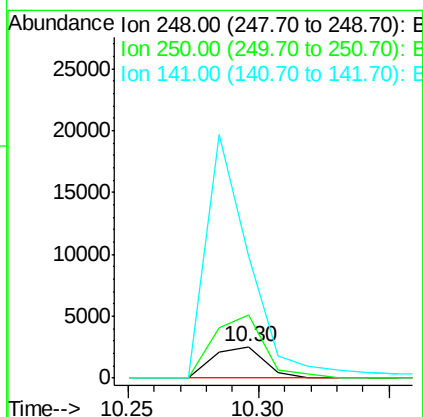
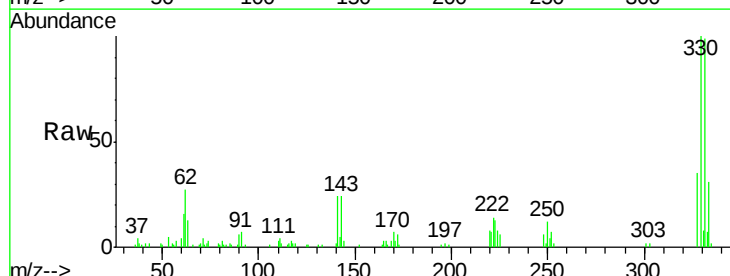
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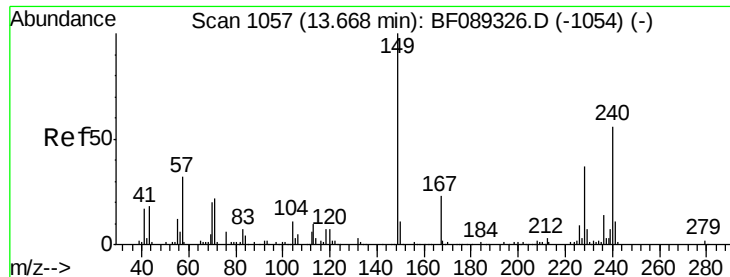
Tgt Ion:188 Resp: 106559
 Ion Ratio Lower Upper
 188 100
 94 7.1 6.5 9.7
 80 8.0 7.2 10.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.39 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.31 min
 Lab File: BF089525.D
 Acq: 1 Aug 2016 22:26

Tgt Ion:248 Resp: 3454
 Ion Ratio Lower Upper
 248 100
 250 201.5 78.2 117.2#
 141 388.9 62.0 93.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.07 min

Lab File: BF089525.D

Acq: 1 Aug 2016 22:26

Instrument :

BNA_F

ClientSampleId :

SB-DUP-02-072716

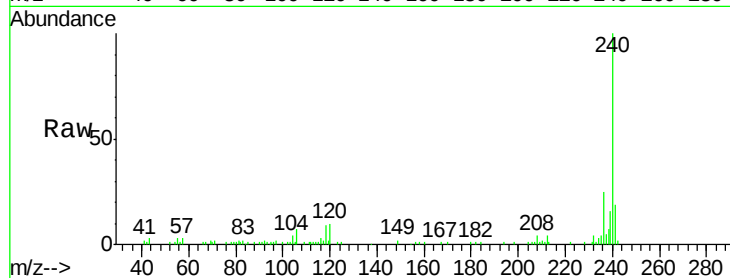
Tgt Ion:240 Resp: 88060

Ion Ratio Lower Upper

240 100

120 9.8 9.1 13.7

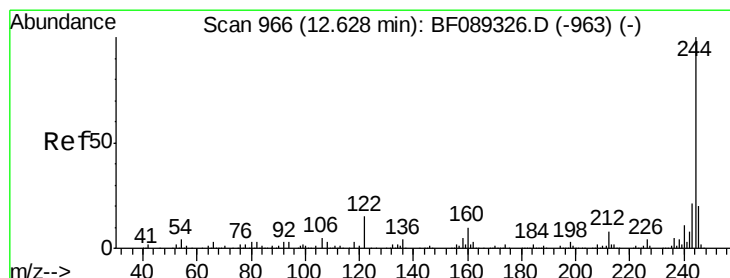
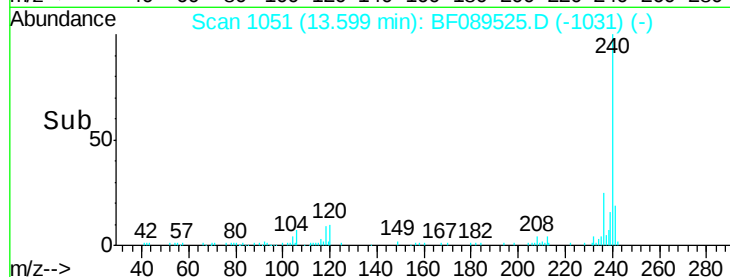
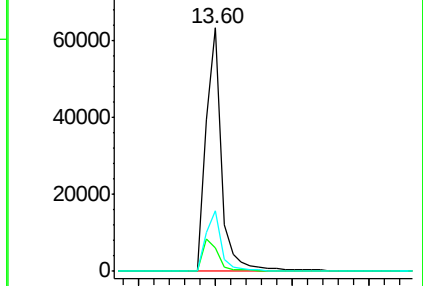
236 24.9 20.6 30.8



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: 57.45 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.07 min

Lab File: BF089525.D

Acq: 1 Aug 2016 22:26

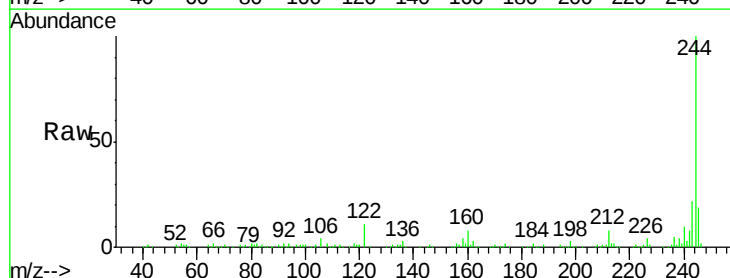
Tgt Ion:244 Resp: 216138

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

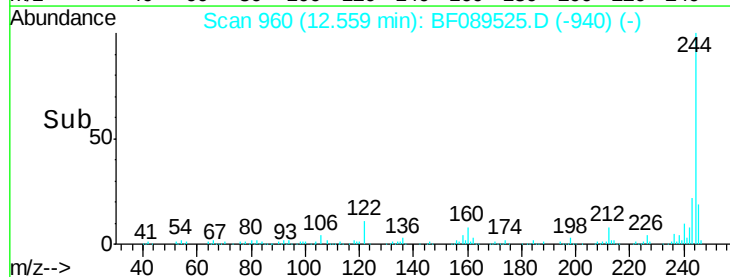
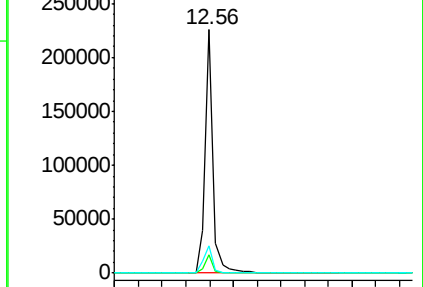
122 11.3 11.4 17.0#

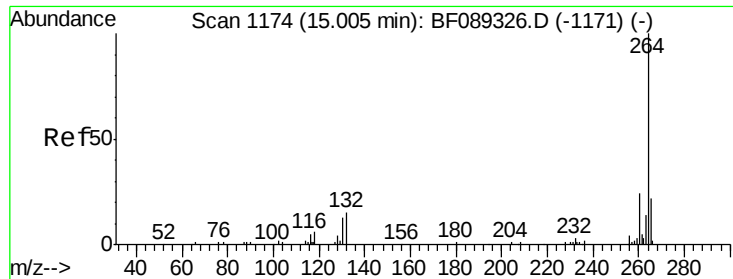


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

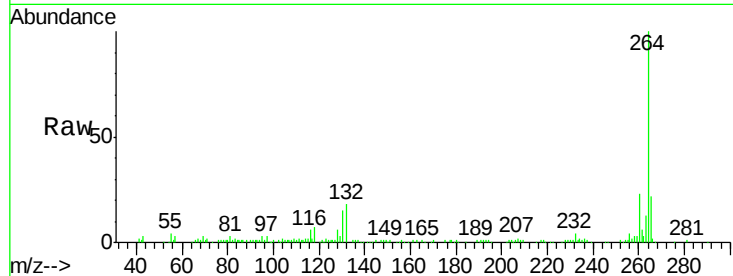




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.08 min
Lab File: BF089525.D
Acq: 1 Aug 2016 22:26

Instrument :
BNA_F
ClientSampleId :
SB-DUP-02-072716

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.7	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

