

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080216\
 Data File : BF089562.D
 Acq On : 2 Aug 2016 22:40
 Operator : UM/SJ
 Sample : H4221-02RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-43-5.5-6.5RE

Quant Time: Aug 03 01:09:05 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

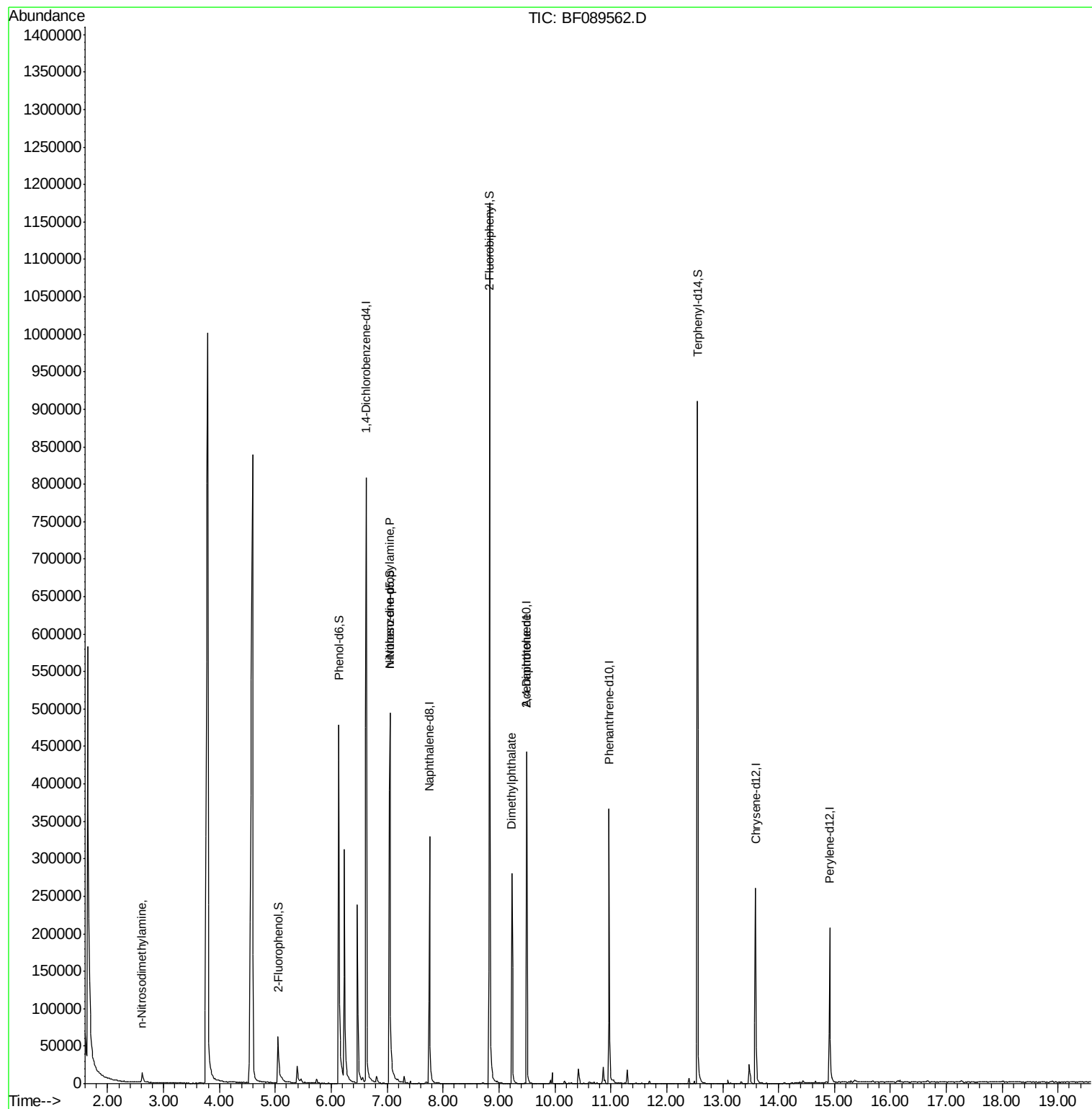
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	164243	20.00	ng	0.08
21) Naphthalene-d8	7.76	136	195430	20.00	ng	-0.07
38) Acenaphthene-d10	9.50	164	87856	20.00	ng	-0.08
63) Phenanthrene-d10	10.97	188	158323	20.00	ng	-0.08
75) Chrysene-d12	13.59	240	108299	20.00	ng	-0.08
86) Perylene-d12	14.91	264	91299	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	47901	4.66	ng	-0.06
7) Phenol-d6	6.14	99	318269	23.41	ng	-0.07
23) Nitrobenzene-d5	7.05	82	287741	86.91	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	336	0.46	ng	-0.07
44) 2-Fluorobiphenyl	8.83	172	460502	76.92	ng	-0.08
78) Terphenyl-d14	12.55	244	345624	74.69	ng	-0.08
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	2.62	42	235	7.78	ng	# 1
19) n-Nitroso-di-n-propylamine	7.05	70	37236	4.54	ng	# 77
49) Dimethylphthalate	9.23	163	146394	21.89	ng	98
56) 2,4-Dinitrotoluene	9.50	165	11345	6.27	ng	# 7

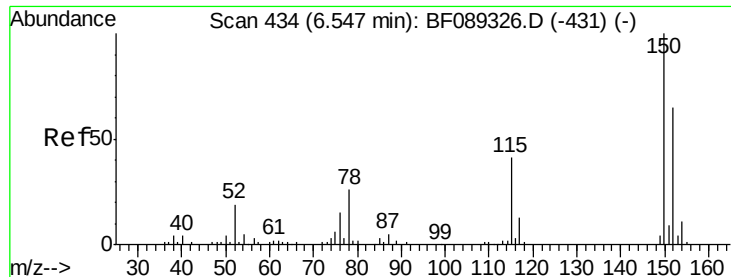
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-43-5.5-6.5RE

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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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.08 min

Lab File: BF089562.D

Acq: 2 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

SB-43-5.5-6.5RE

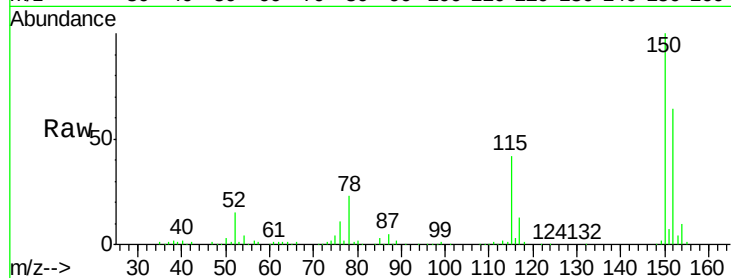
Tgt Ion:152 Resp: 164243

Ion Ratio Lower Upper

152 100

150 157.4 129.5 194.3

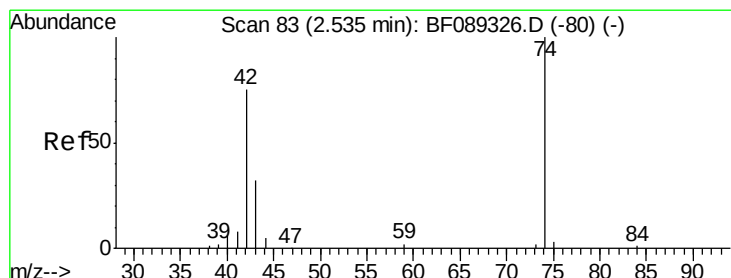
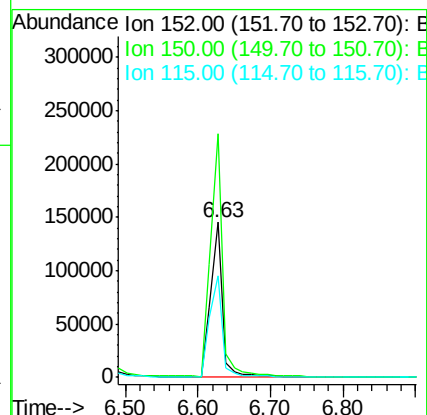
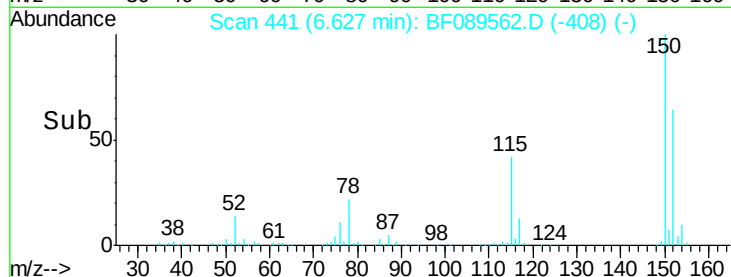
115 65.9 51.4 77.2



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



#4

n-Nitrosodimethylamine

Concen: 7.78 ng

RT: 2.62 min Scan# 90

Delta R.T. 0.08 min

Lab File: BF089562.D

Acq: 2 Aug 2016 22:40

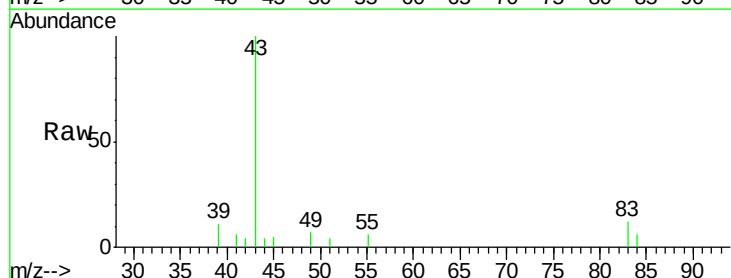
Tgt Ion: 42 Resp: 235

Ion Ratio Lower Upper

42 100

74 0.0 110.8 166.2#

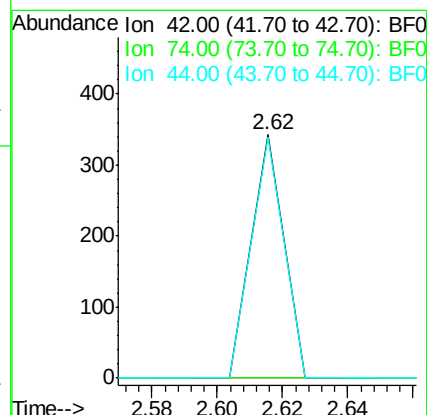
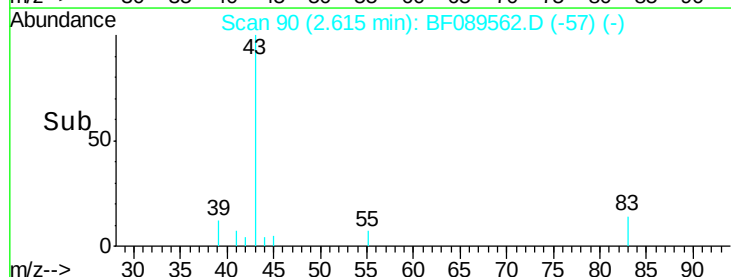
44 98.8 5.2 7.8#

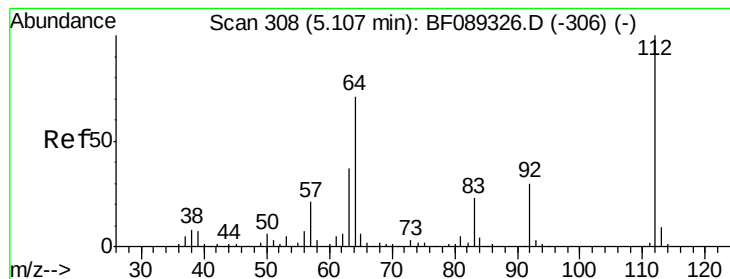


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 4.66 ng

RT: 5.05 min Scan# 303

Delta R.T. -0.06 min

Lab File: BF089562.D

Acq: 2 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

SB-43-5.5-6.5RE

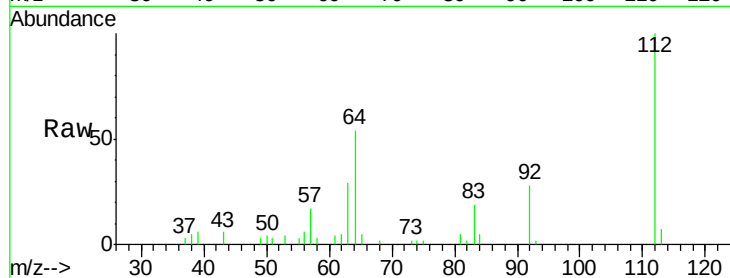
Tgt Ion: 112 Resp: 47901

Ion Ratio Lower Upper

112 100

64 54.2 55.0 82.6#

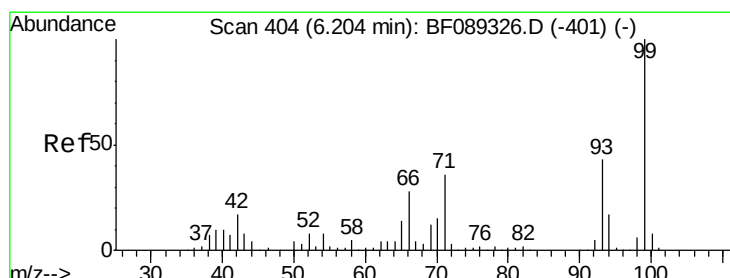
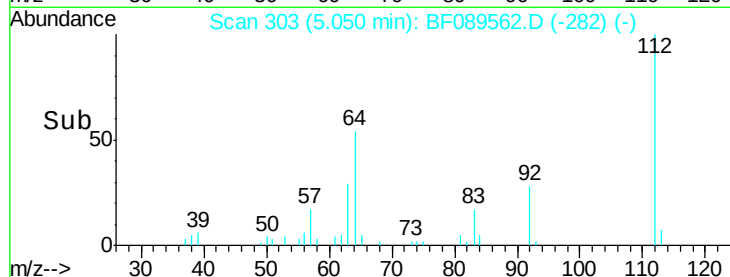
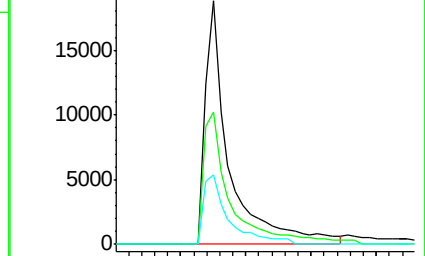
63 28.8 29.4 44.2#



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: 23.41 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF089562.D

Acq: 2 Aug 2016 22:40

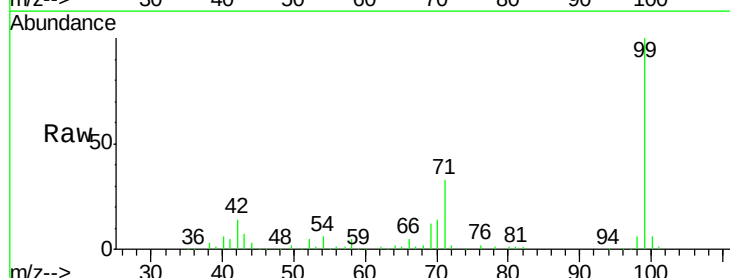
Tgt Ion: 99 Resp: 318269

Ion Ratio Lower Upper

99 100

42 14.1 13.6 20.4

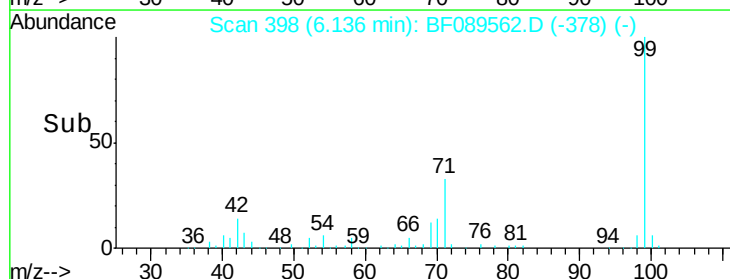
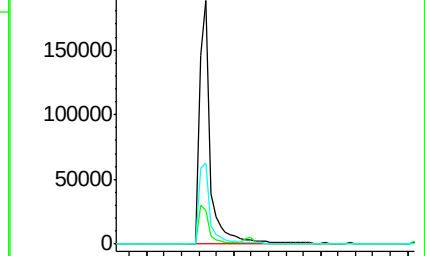
71 33.3 29.4 44.2

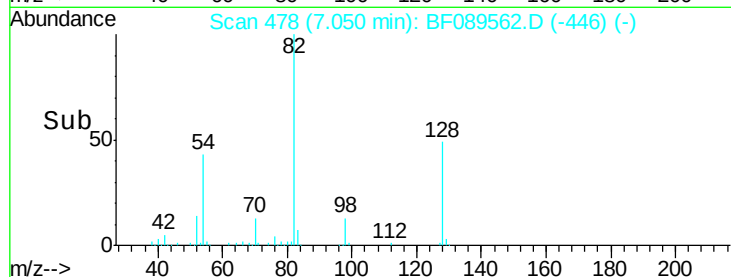
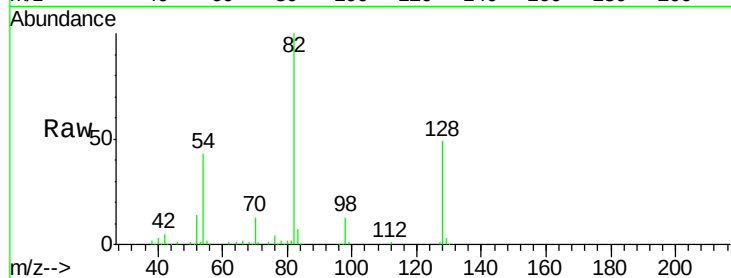
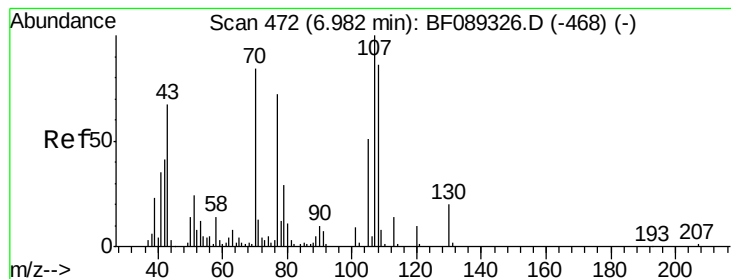


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 4.54 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.07 min

Lab File: BF089562.D

Acq: 2 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

SB-43-5.5-6.5RE

Tgt Ion: 70 Resp: 37236

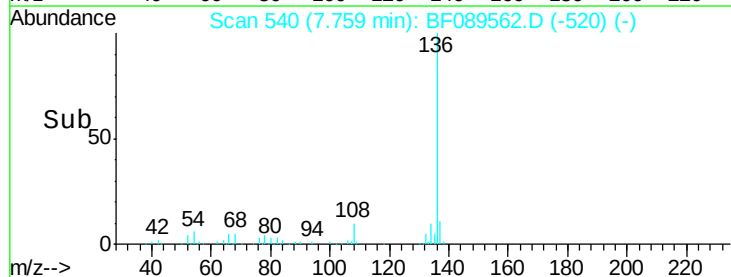
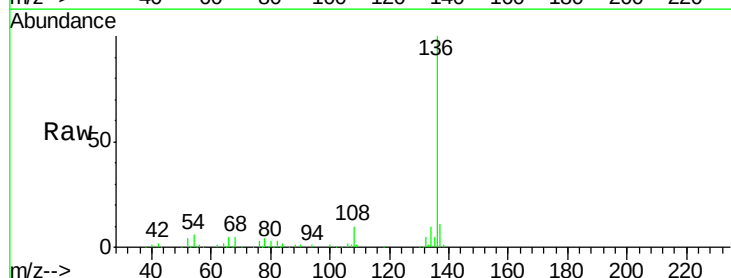
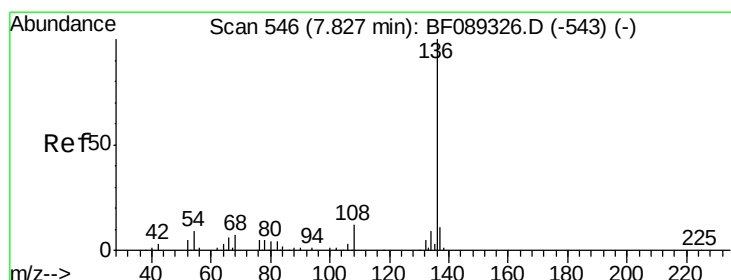
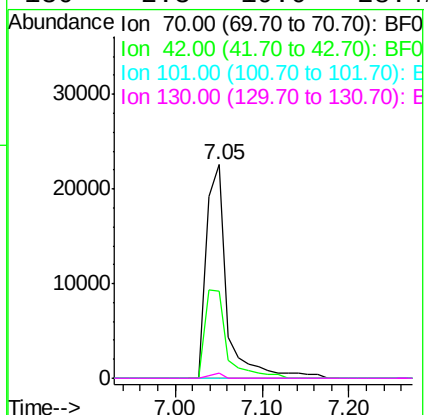
Ion Ratio Lower Upper

70 100

42 40.6 38.6 57.8

101 0.0 8.3 12.5#

130 2.3 19.0 28.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.07 min

Lab File: BF089562.D

Acq: 2 Aug 2016 22:40

Tgt Ion: 136 Resp: 195430

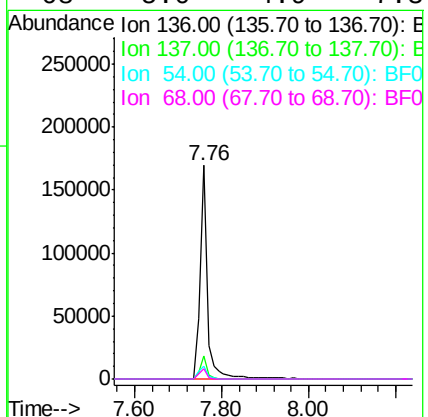
Ion Ratio Lower Upper

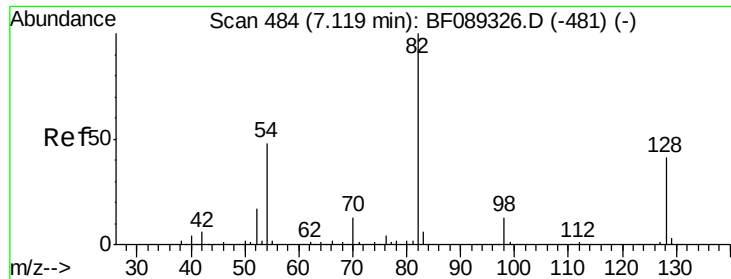
136 100

137 10.7 8.6 13.0

54 6.1 7.0 10.4#

68 5.0 4.9 7.3

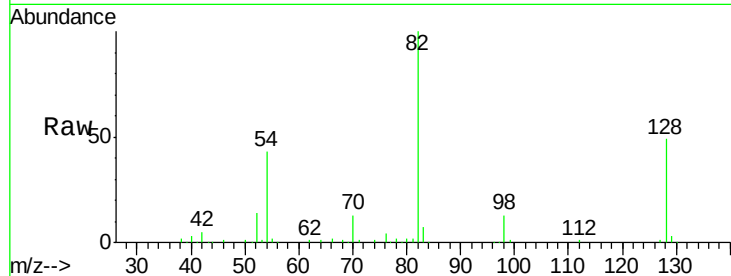




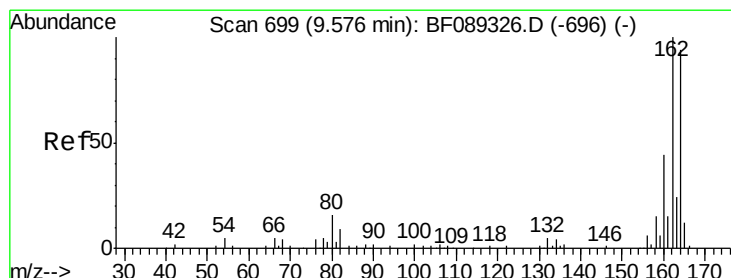
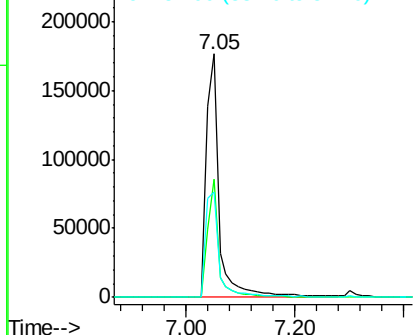
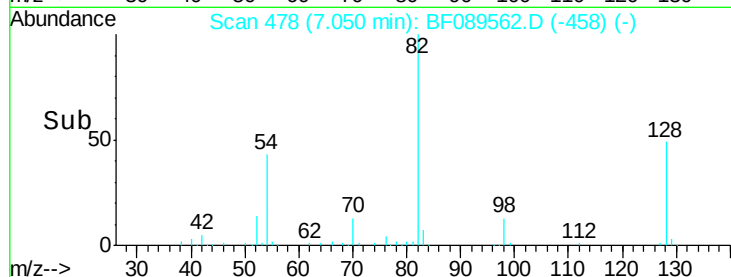
#23
 Nitrobenzene-d5
 Concen: 86.91 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.07 min
 Lab File: BF089562.D
 Acq: 2 Aug 2016 22:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-43-5.5-6.5RE

Tgt Ion: 82 Resp: 287741
 Ion Ratio Lower Upper
 82 100
 128 48.6 32.5 48.7
 54 43.3 38.8 58.2

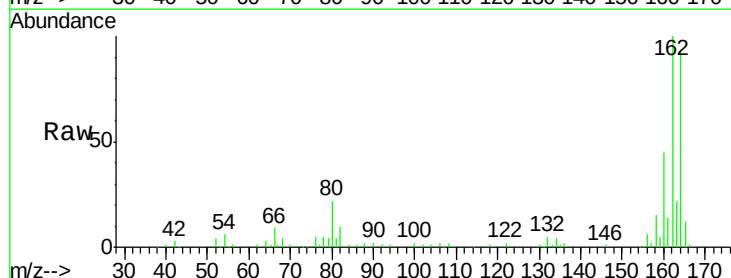


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

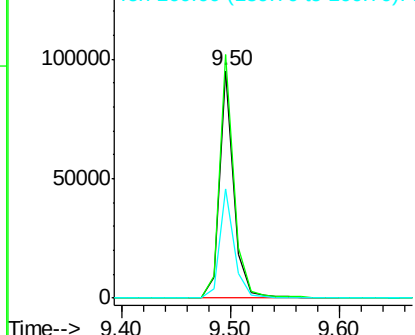
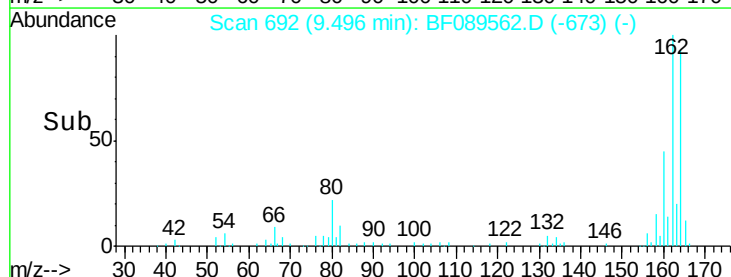


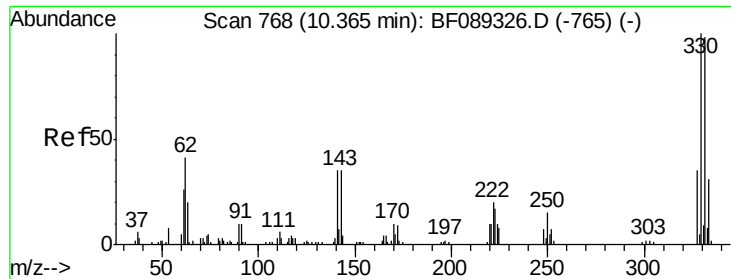
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.08 min
 Lab File: BF089562.D
 Acq: 2 Aug 2016 22:40

Tgt Ion: 164 Resp: 87856
 Ion Ratio Lower Upper
 164 100
 162 107.1 83.7 125.5
 160 48.0 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

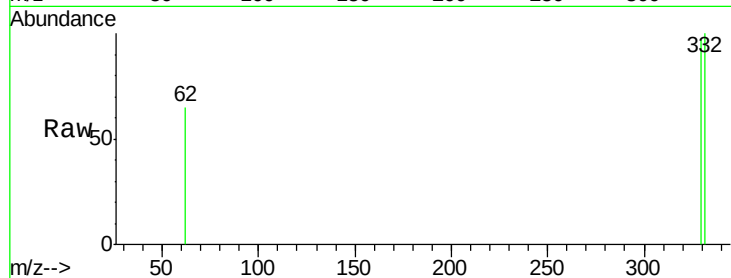




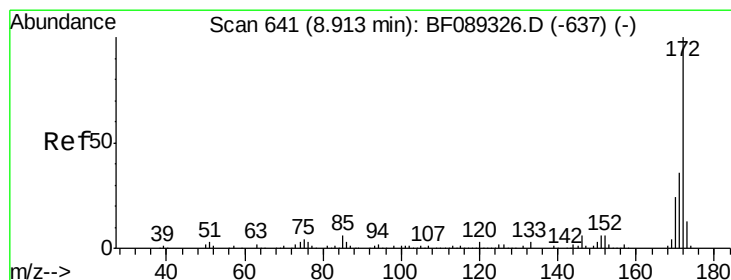
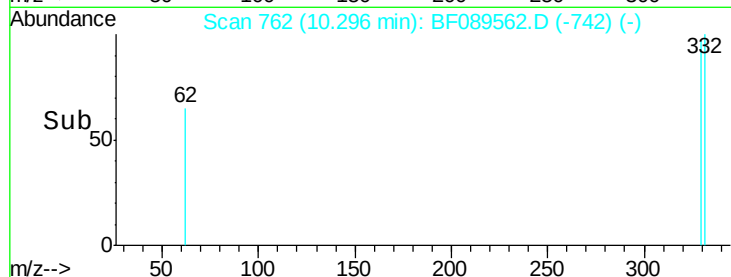
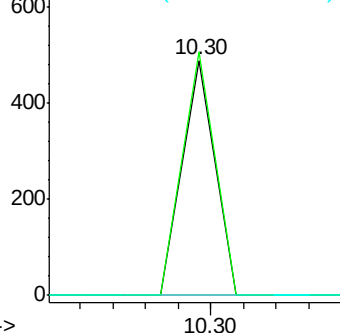
#41
 2,4,6-Tribromophenol
 Concen: 0.46 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.07 min
 Lab File: BF089562.D
 Acq: 2 Aug 2016 22:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-43-5.5-6.5RE

Tgt Ion:330 Resp: 336
 Ion Ratio Lower Upper
 330 100
 332 103.6 76.8 115.2
 141 0.0 37.3 55.9#

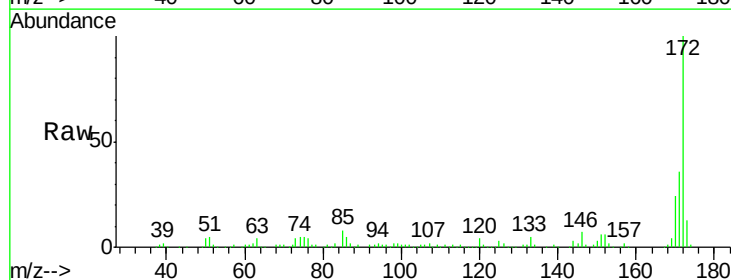


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

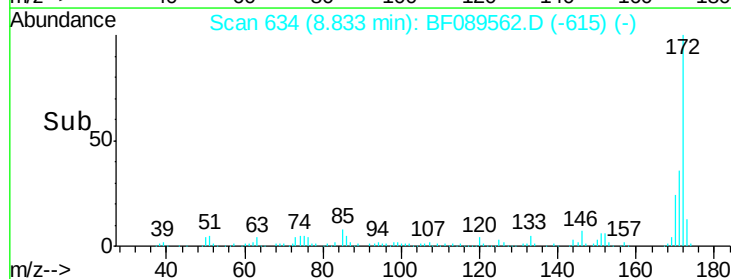
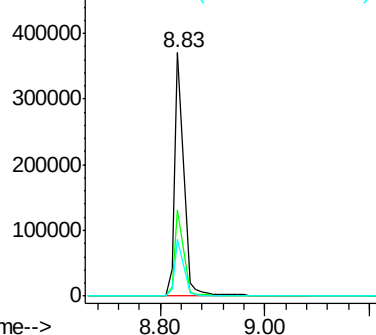


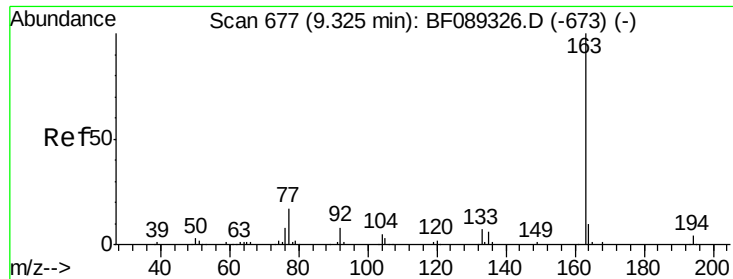
#44
 2-Fluorobiphenyl
 Concen: 76.92 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.08 min
 Lab File: BF089562.D
 Acq: 2 Aug 2016 22:40

Tgt Ion:172 Resp: 460502
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.2 43.8
 170 23.5 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

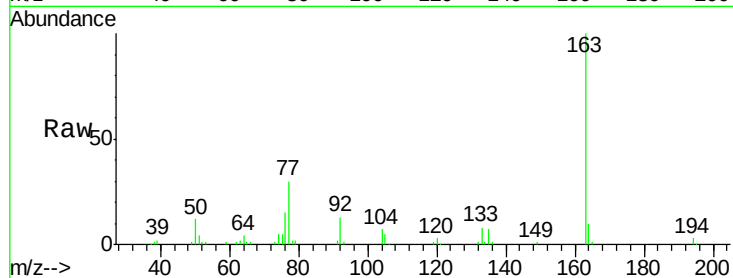




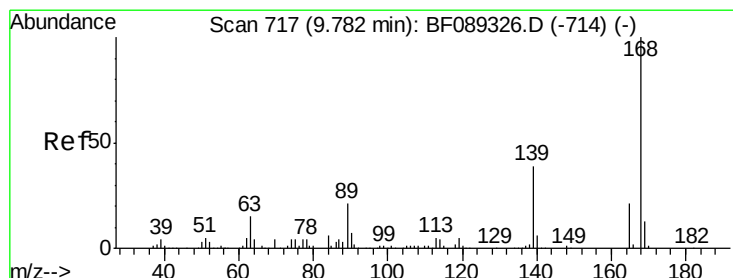
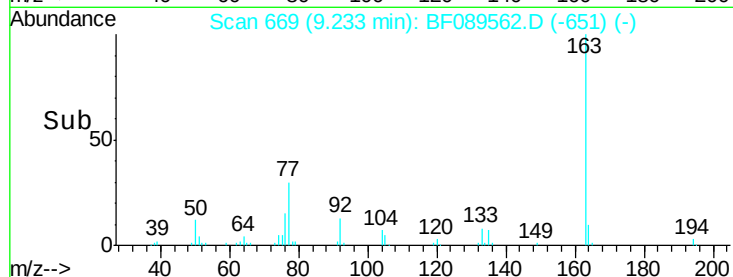
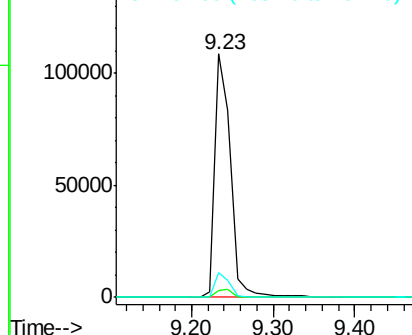
#49
Dimethylphthalate
Concen: 21.89 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.09 min
Lab File: BF089562.D
Acq: 2 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5RE

Tgt Ion:163 Resp: 146394
Ion Ratio Lower Upper
163 100
194 2.8 2.8 4.2
164 10.4 7.8 11.8

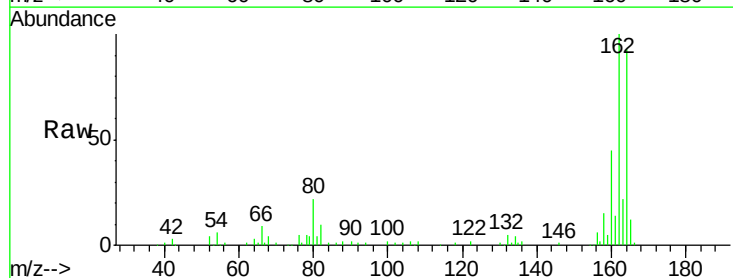


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

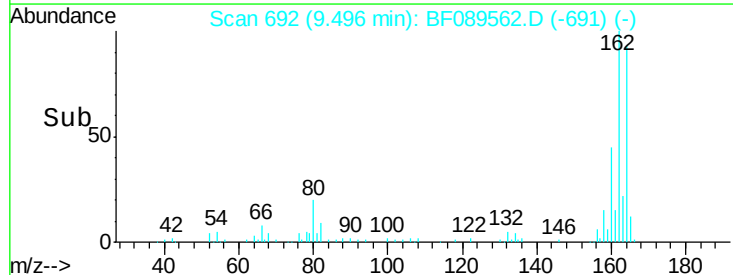
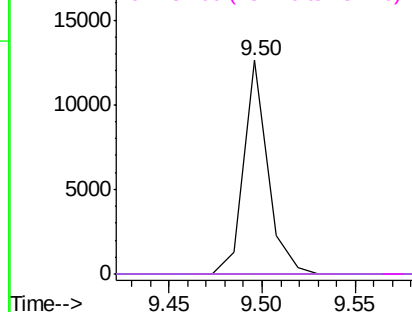


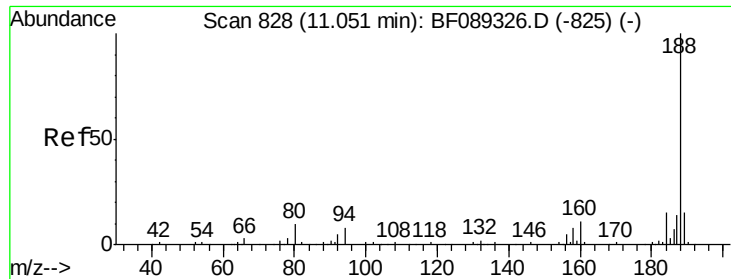
#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.29 min
Lab File: BF089562.D
Acq: 2 Aug 2016 22:40

Tgt Ion:165 Resp: 11345
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

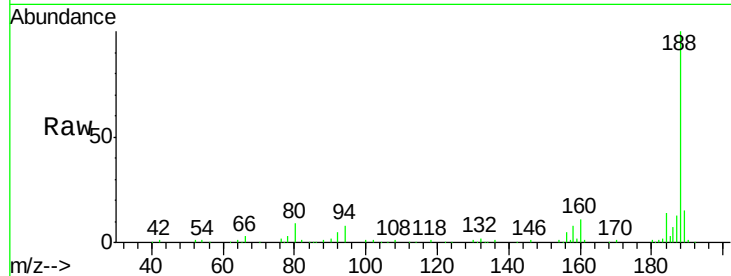




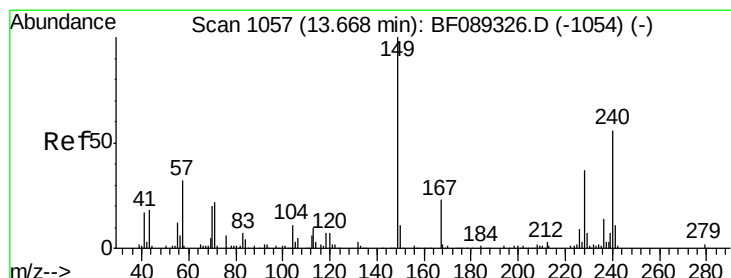
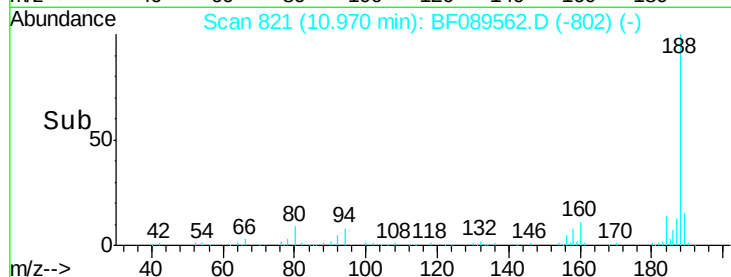
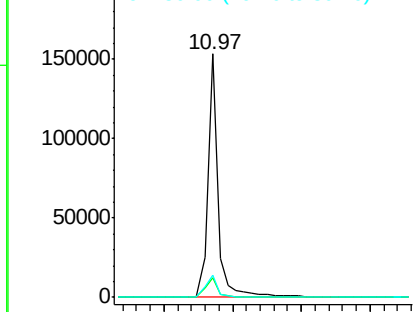
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.08 min
Lab File: BF089562.D
Acq: 2 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5RE

Tgt Ion:188 Resp: 158323
Ion Ratio Lower Upper
188 100
94 7.9 6.5 9.7
80 8.9 7.2 10.8

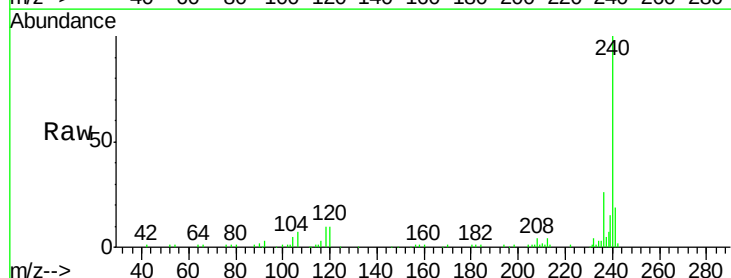


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

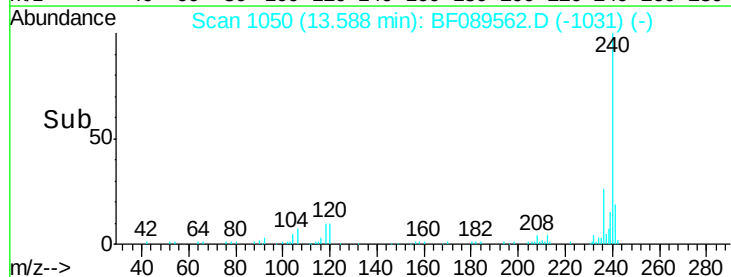
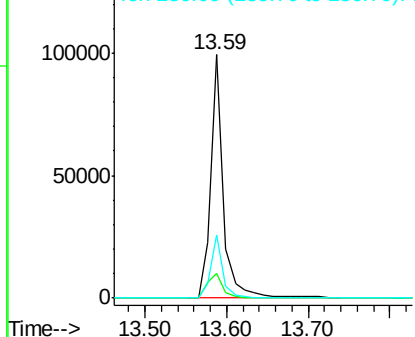


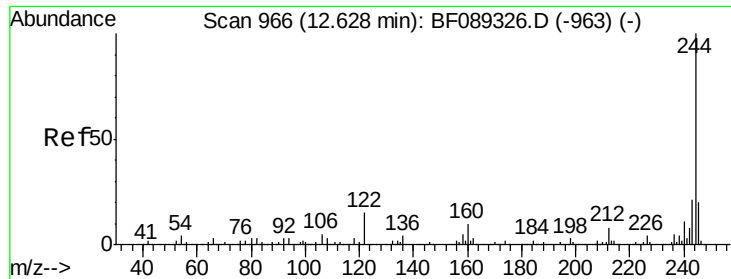
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.08 min
Lab File: BF089562.D
Acq: 2 Aug 2016 22:40

Tgt Ion:240 Resp: 108299
Ion Ratio Lower Upper
240 100
120 10.0 9.1 13.7
236 26.0 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

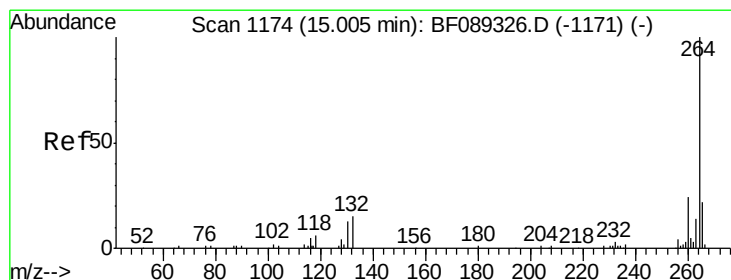
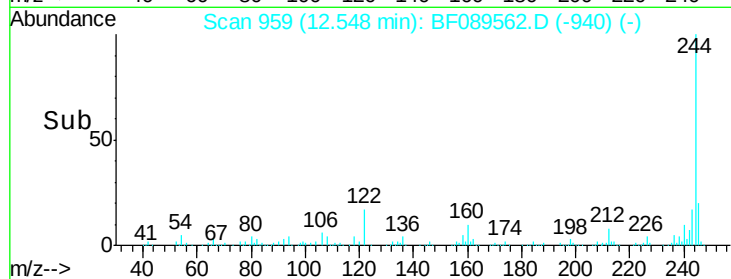
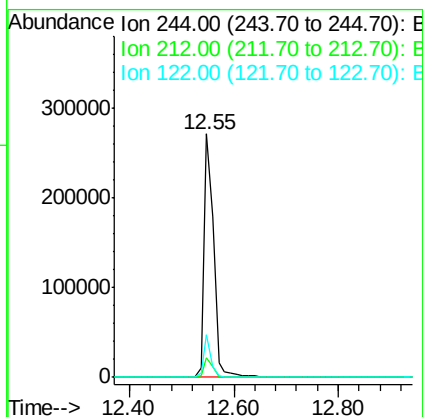
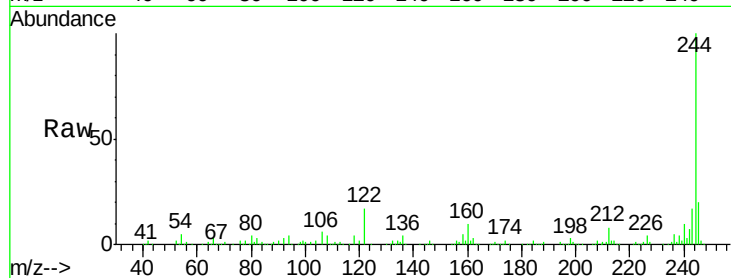




#78
 Terphenyl-d14
 Concen: 74.69 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.08 min
 Lab File: BF089562.D
 Acq: 2 Aug 2016 22:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-43-5.5-6.5RE

Tgt Ion:244 Resp: 345624
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 17.3 11.4 17.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.09 min
 Lab File: BF089562.D
 Acq: 2 Aug 2016 22:40

Tgt Ion:264 Resp: 91299
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.3 17.5 26.3

