

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089509.D
 Acq On : 1 Aug 2016 14:06
 Operator : UM/SJ
 Sample : H4285-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)K

Quant Time: Aug 02 01:45:13 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

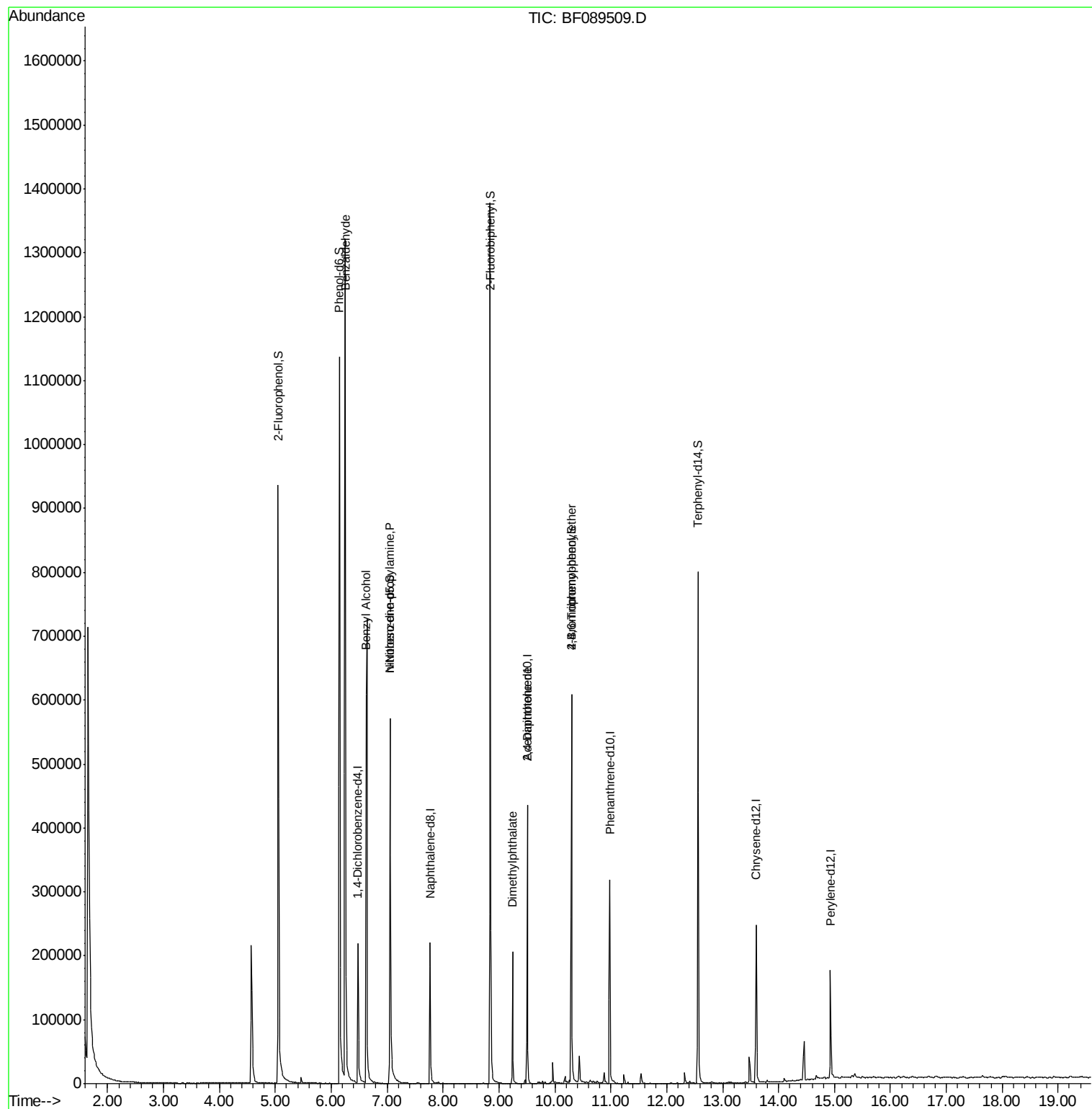
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	41327	20.00	ng	-0.07
21) Naphthalene-d8	7.77	136	167271	20.00	ng	-0.06
38) Acenaphthene-d10	9.51	164	83841	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	149588	20.00	ng	-0.07
75) Chrysene-d12	13.60	240	94564	20.00	ng	-0.07
86) Perylene-d12	14.93	264	70542	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	352404	136.16	ng	-0.06
7) Phenol-d6	6.15	99	502112	146.80	ng	-0.06
23) Nitrobenzene-d5	7.05	82	294701	103.99	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	74008	106.58	ng	-0.07
44) 2-Fluorobiphenyl	8.84	172	460656	80.63	ng	-0.07
78) Terphenyl-d14	12.56	244	306760	75.92	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.25	77	9762	5.85	ng	Qvalue 81
15) Benzyl Alcohol	6.63	79	4628	2.18	ng	# 48
19) n-Nitroso-di-n-propylamine	7.05	70	38208	18.52	ng	# 83
49) Dimethylphthalate	9.24	163	81693	12.80	ng	98
56) 2,4-Dinitrotoluene	9.51	165	10678	6.19	ng	# 7
66) 4-Bromophenyl-phenylether	10.30	248	5615	3.93	ng	# 1

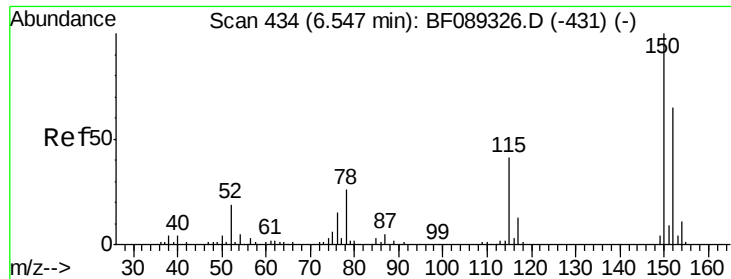
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089509.D

Acq: 1 Aug 2016 14:06

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)K

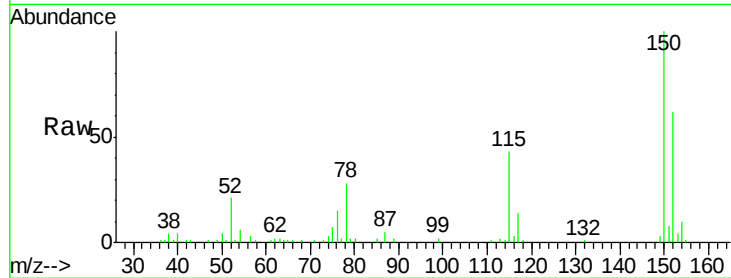
Tgt Ion:152 Resp: 41327

Ion Ratio Lower Upper

152 100

150 160.1 129.5 194.3

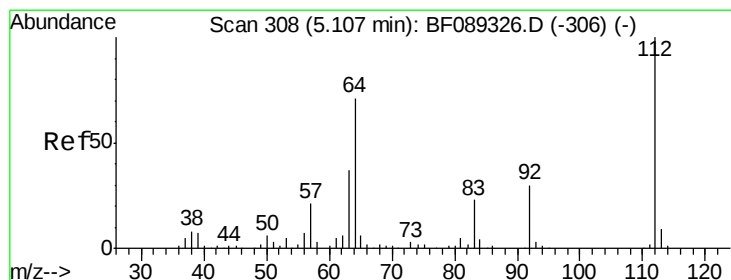
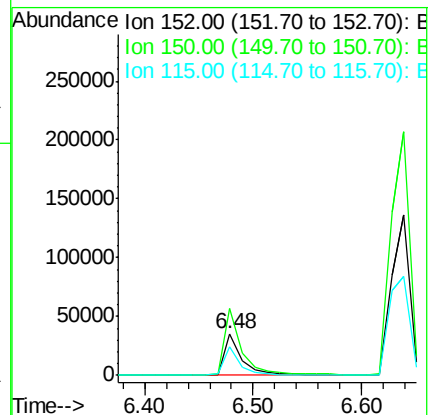
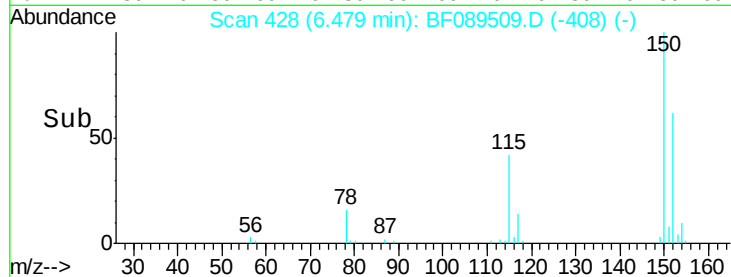
115 68.3 51.4 77.2



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: 136.16 ng

RT: 5.05 min Scan# 303

Delta R.T. -0.06 min

Lab File: BF089509.D

Acq: 1 Aug 2016 14:06

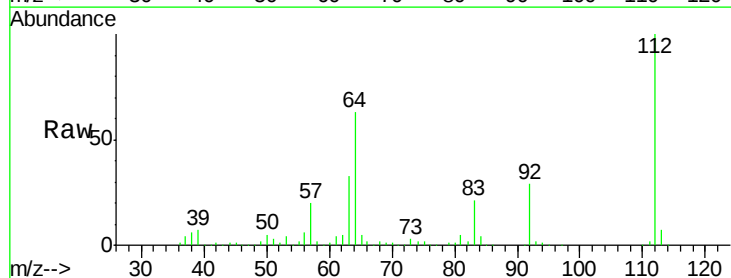
Tgt Ion:112 Resp: 352404

Ion Ratio Lower Upper

112 100

64 63.4 55.0 82.6

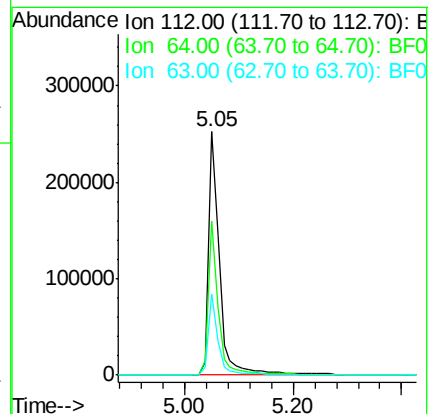
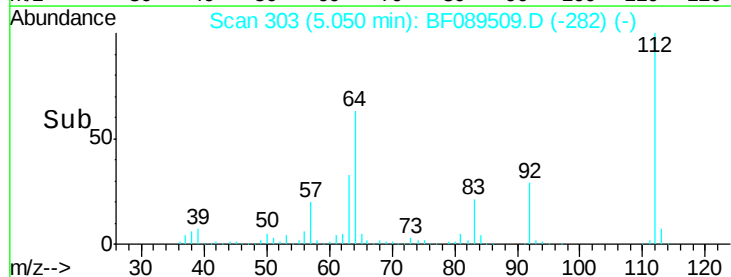
63 33.5 29.4 44.2

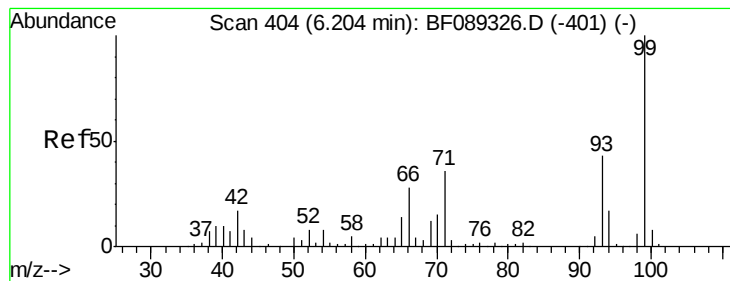


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.80 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.06 min

Lab File: BF089509.D

Acq: 1 Aug 2016 14:06

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)K

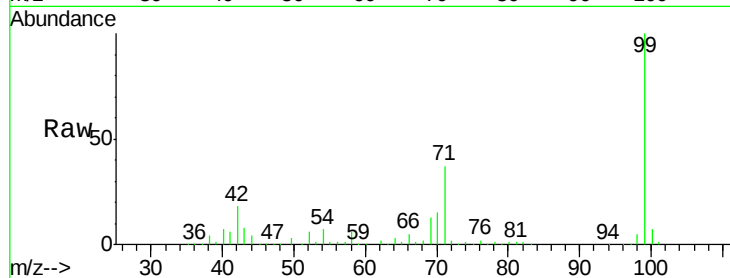
Tgt Ion: 99 Resp: 502112

Ion Ratio Lower Upper

99 100

42 17.7 13.6 20.4

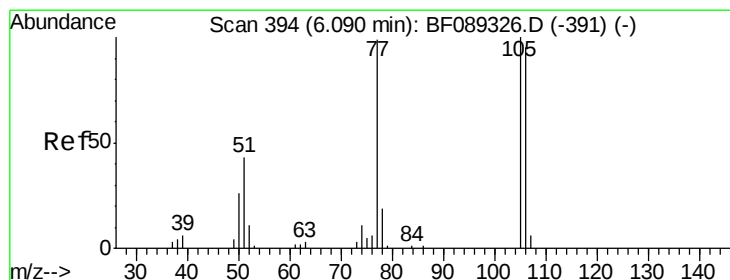
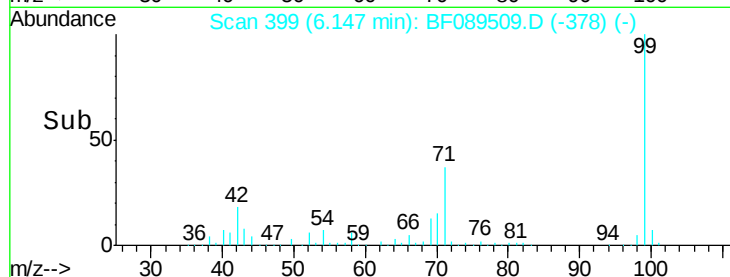
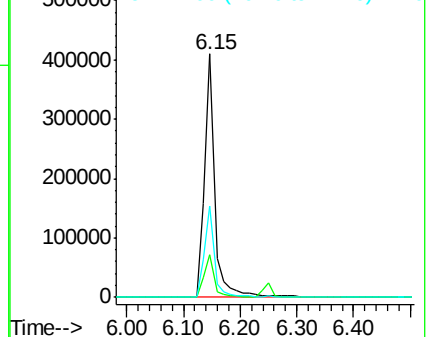
71 37.4 29.4 44.2



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



#9

Benzaldehyde

Concen: 5.85 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.16 min

Lab File: BF089509.D

Acq: 1 Aug 2016 14:06

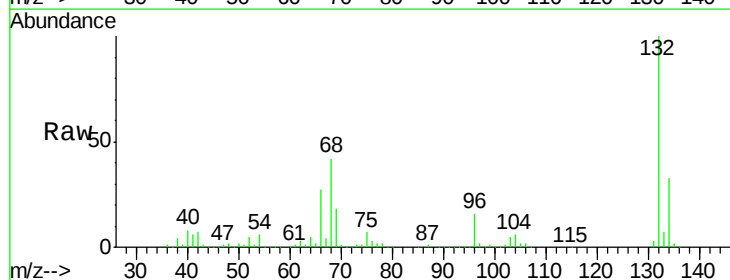
Tgt Ion: 77 Resp: 9762

Ion Ratio Lower Upper

77 100

105 84.9 82.9 122.9

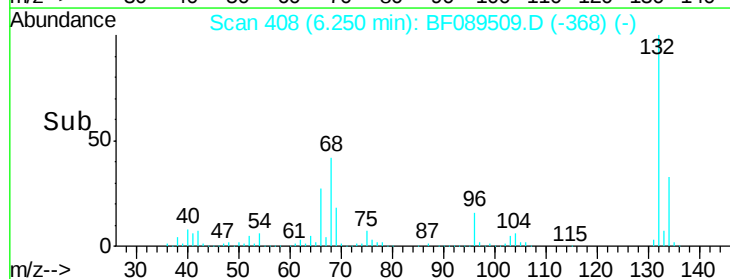
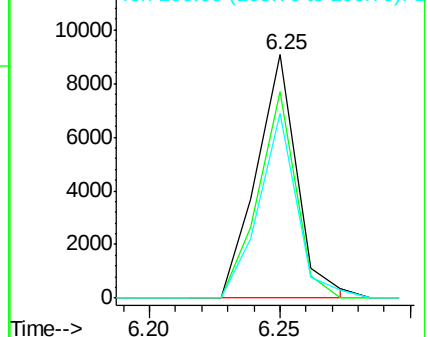
106 76.1 75.9 115.9

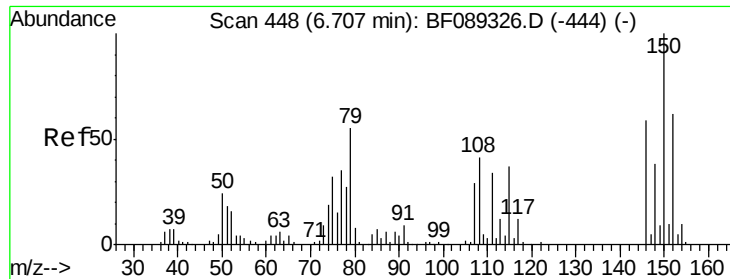


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.08 min

Lab File: BF089509.D

Acq: 1 Aug 2016 14:06

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)K

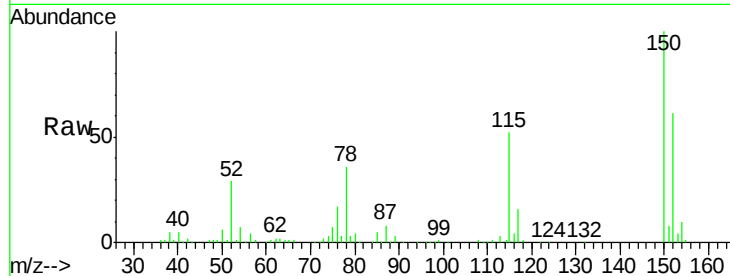
Tgt Ion: 79 Resp: 4628

Ion Ratio Lower Upper

79 100

108 26.5 59.8 89.6#

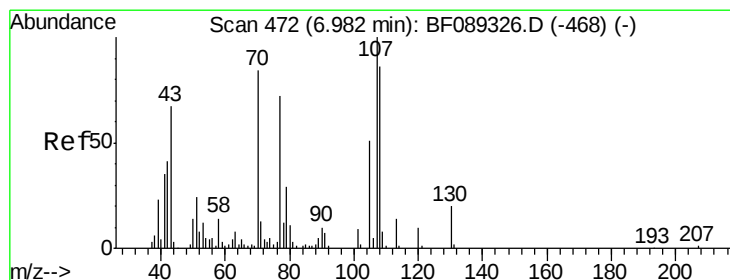
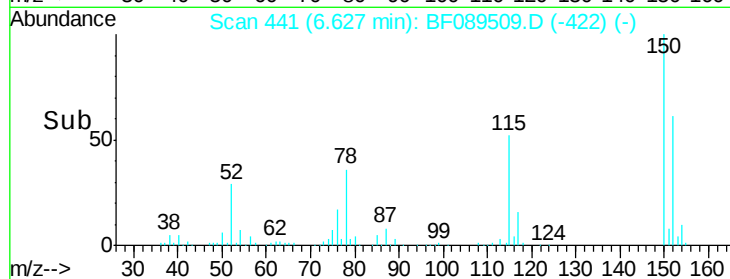
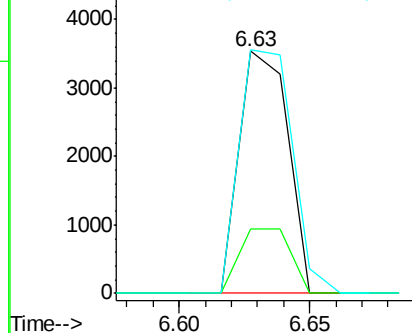
77 100.5 51.7 77.5#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.52 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.07 min

Lab File: BF089509.D

Acq: 1 Aug 2016 14:06

Tgt Ion: 70 Resp: 38208

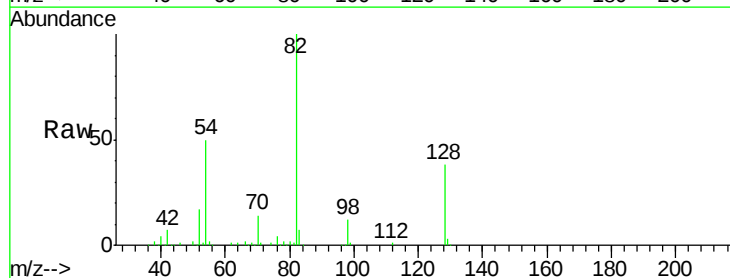
Ion Ratio Lower Upper

70 100

42 47.8 38.6 57.8

101 0.0 8.3 12.5#

130 1.6 19.0 28.4#

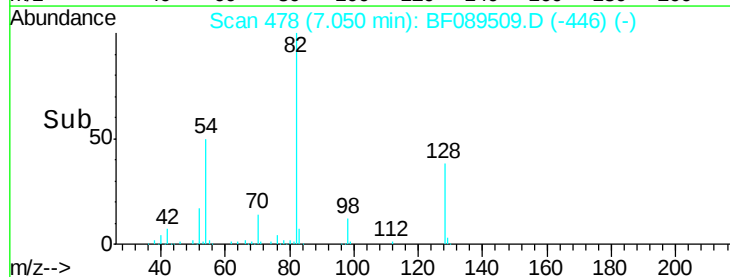
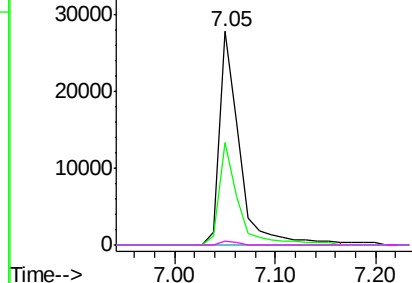


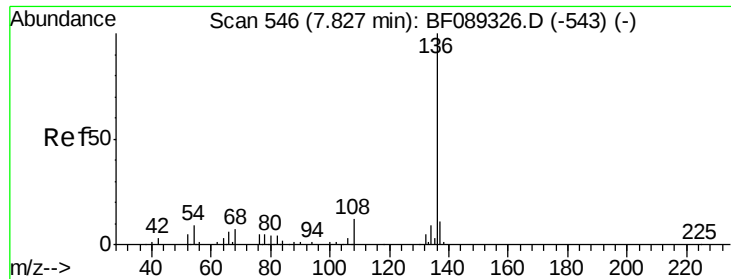
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

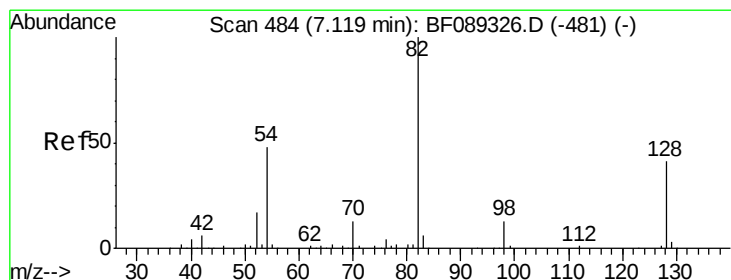
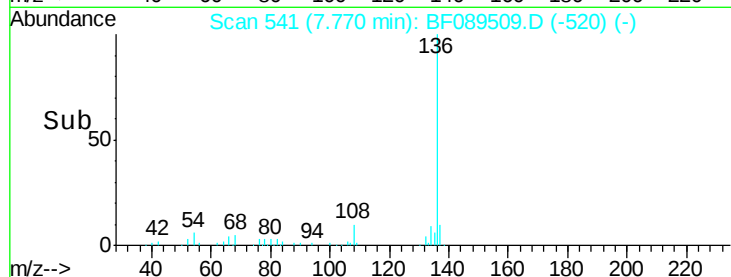
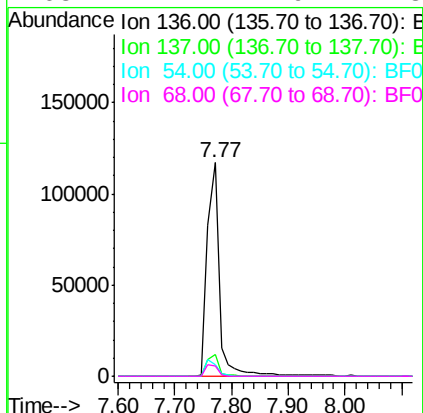
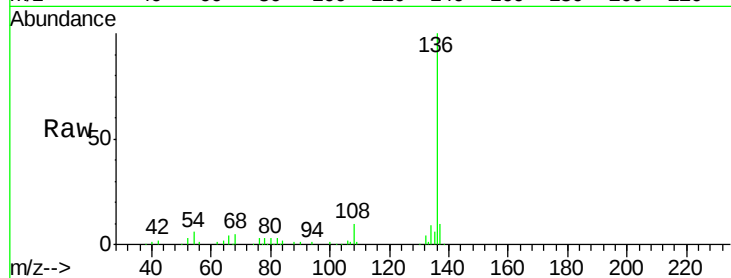




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.06 min
Lab File: BF089509.D
Acq: 1 Aug 2016 14:06

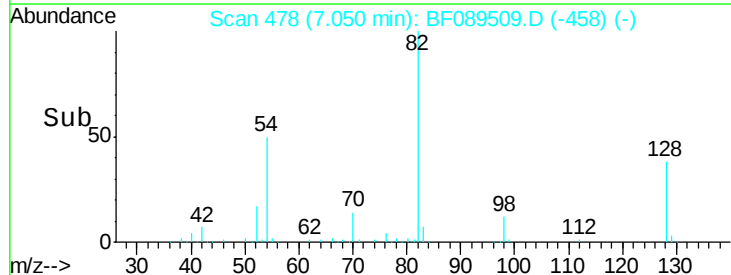
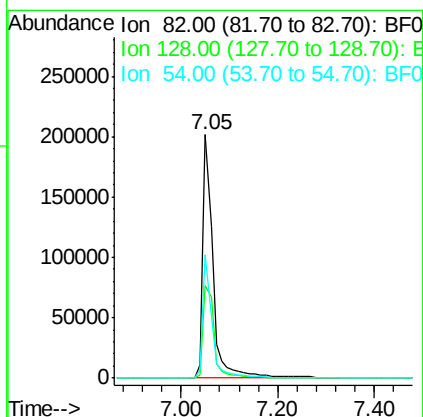
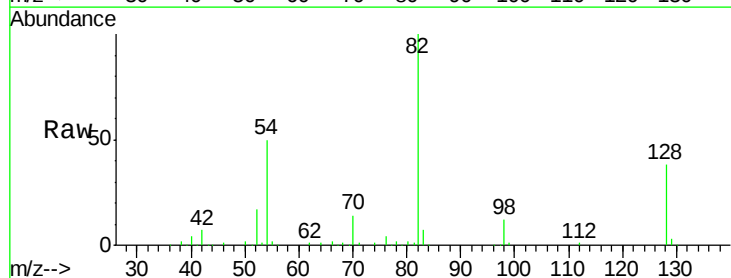
Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)K

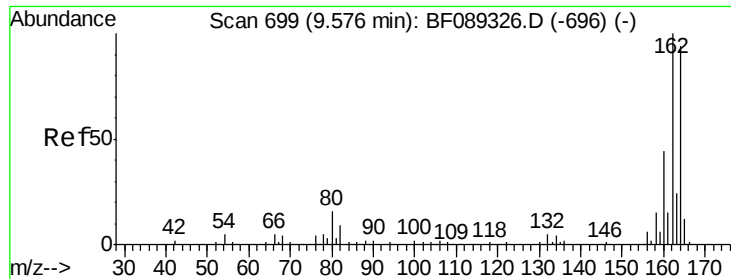
Tgt Ion:	136	Resp:	167271
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	5.6	7.0	10.4#
68	4.7	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 103.99 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.07 min
Lab File: BF089509.D
Acq: 1 Aug 2016 14:06

Tgt Ion:	82	Resp:	294701
Ion	Ratio	Lower	Upper
82	100		
128	38.1	32.5	48.7
54	50.4	38.8	58.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.07 min

Lab File: BF089509.D

Acq: 1 Aug 2016 14:06

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)K

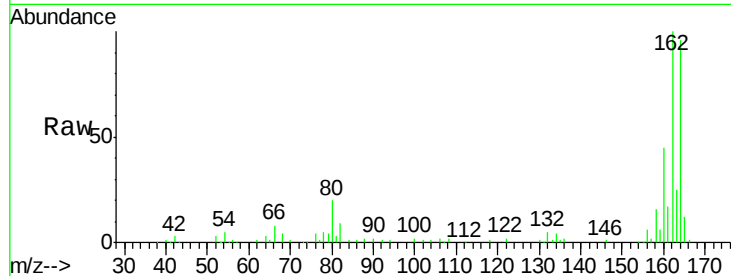
Tgt Ion:164 Resp: 83841

Ion Ratio Lower Upper

164 100

162 104.0 83.7 125.5

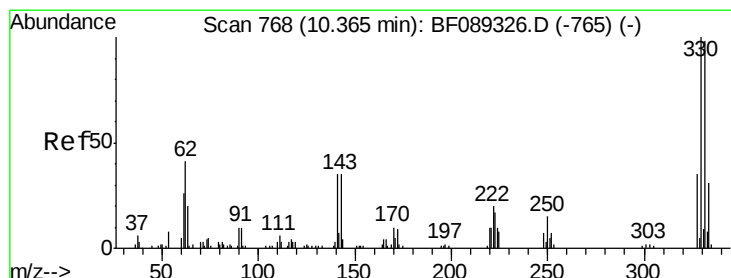
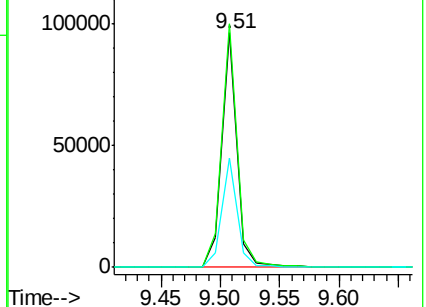
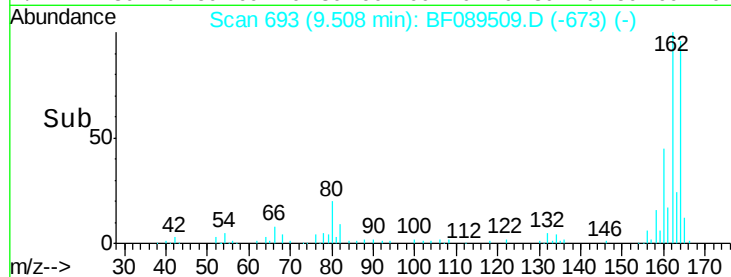
160 46.5 37.8 56.6



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: 106.58 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.07 min

Lab File: BF089509.D

Acq: 1 Aug 2016 14:06

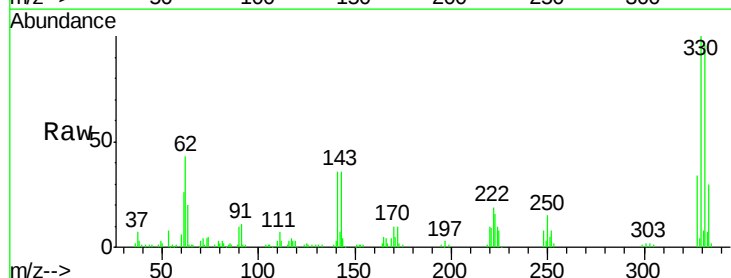
Tgt Ion:330 Resp: 74008

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

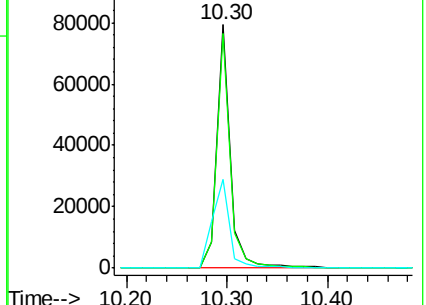
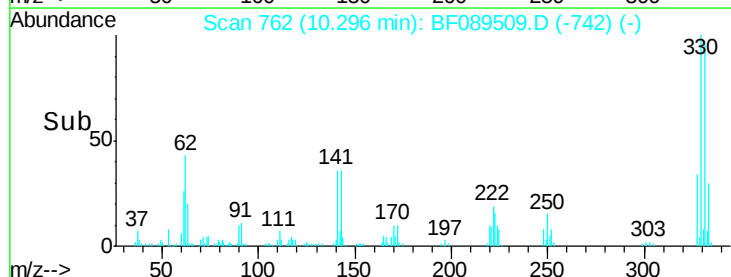
141 46.6 37.3 55.9

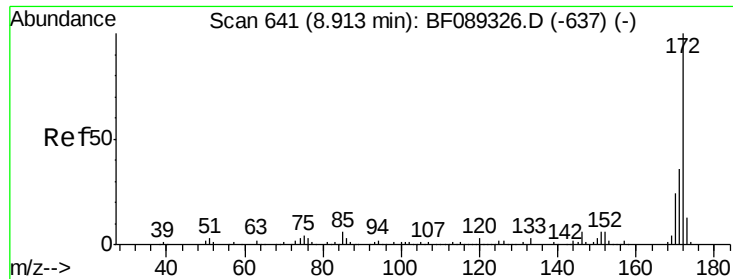


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

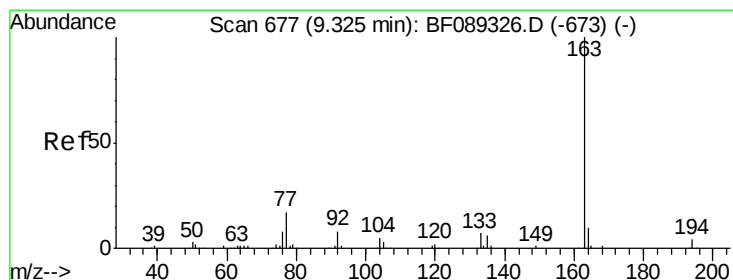
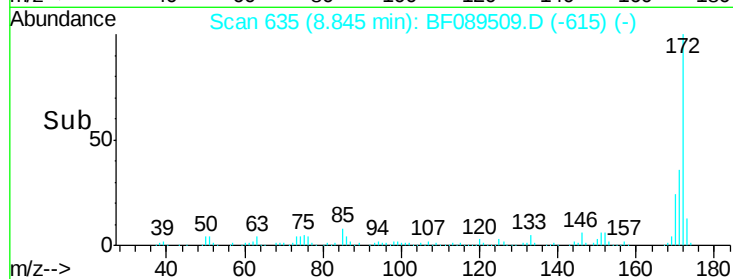
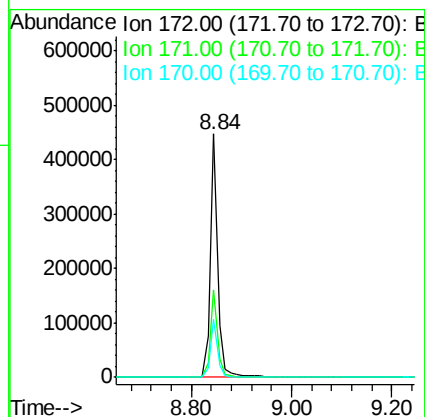
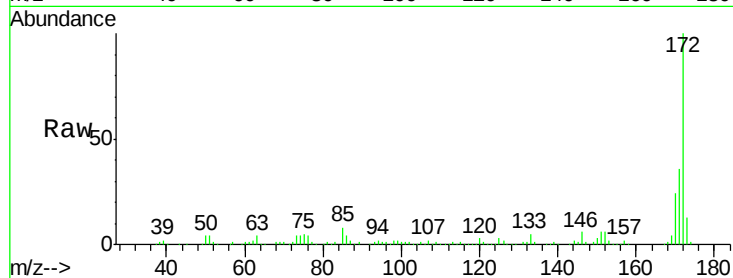




#44
 2-Fluorobiphenyl
 Concen: 80.63 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.07 min
 Lab File: BF089509.D
 Acq: 1 Aug 2016 14:06

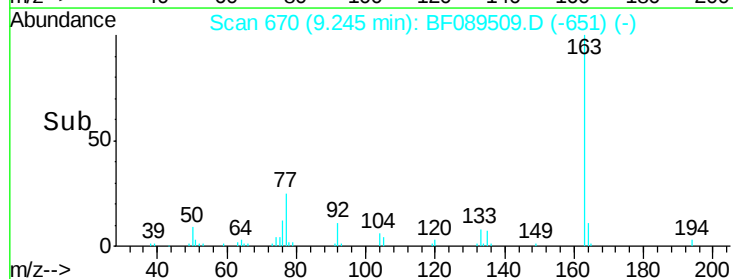
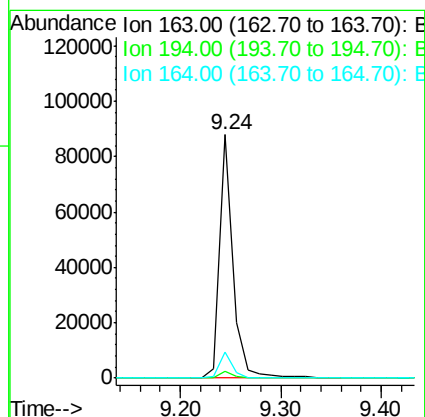
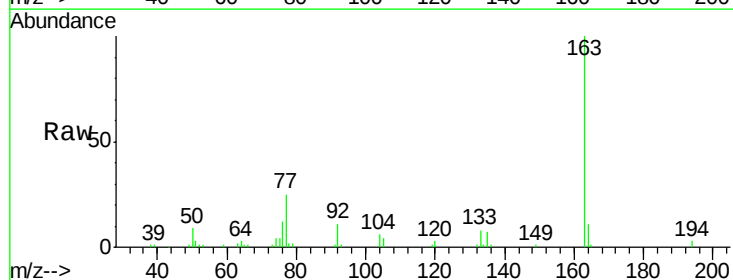
Instrument :
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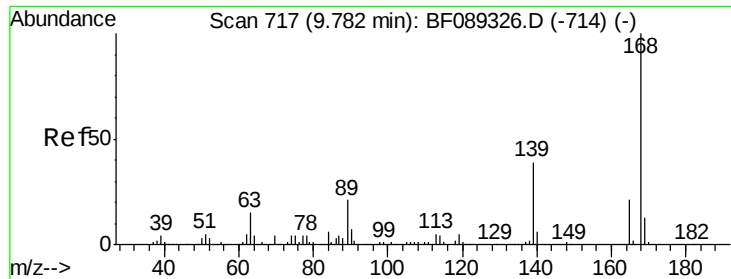
Tgt Ion:172 Resp: 460656
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 24.0 19.2 28.8



#49
 Dimethylphthalate
 Concen: 12.80 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.08 min
 Lab File: BF089509.D
 Acq: 1 Aug 2016 14:06

Tgt Ion:163 Resp: 81693
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.8 4.2
 164 10.6 7.8 11.8

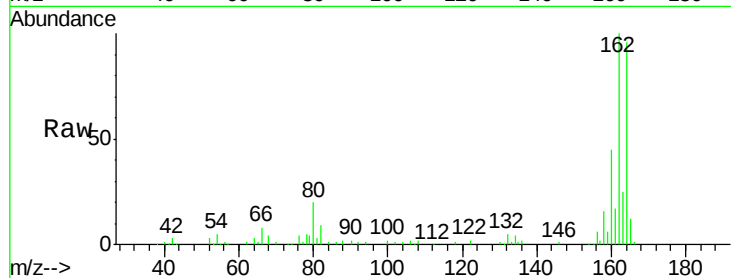




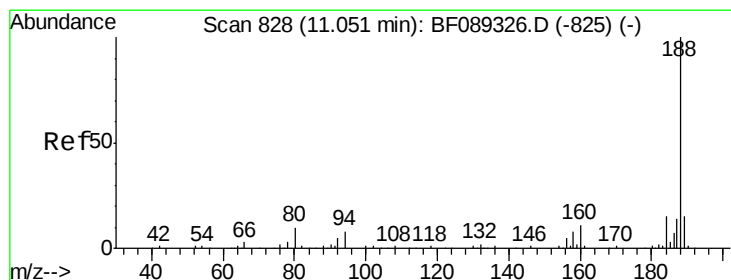
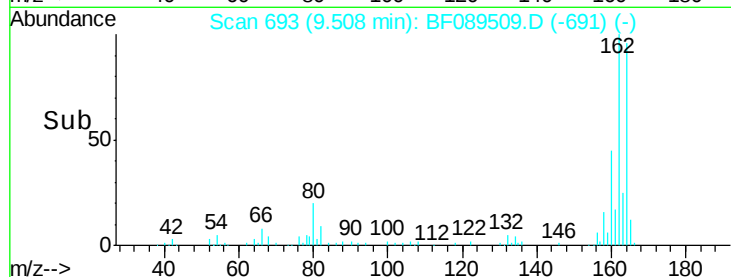
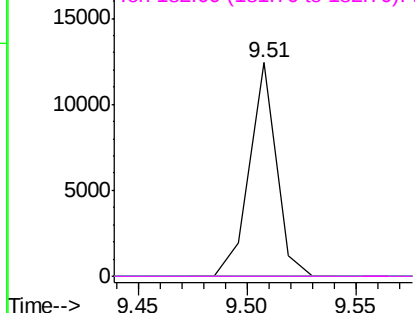
#56
 2,4-Dinitrotoluene
 Concen: 6.19 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.27 min
 Lab File: BF089509.D
 Acq: 1 Aug 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)K

Tgt Ion:165 Resp: 10678
 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#

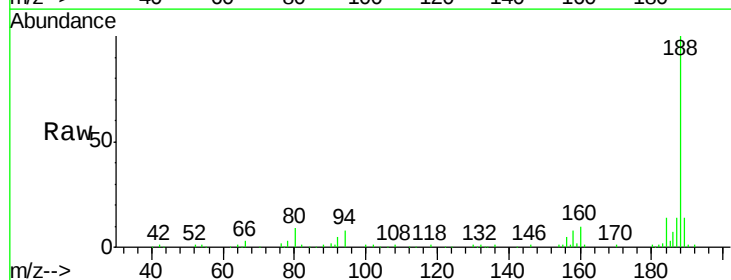


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

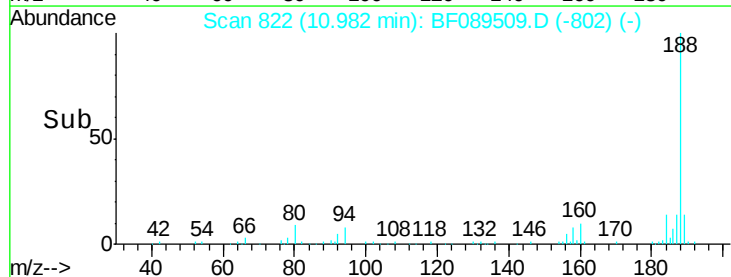
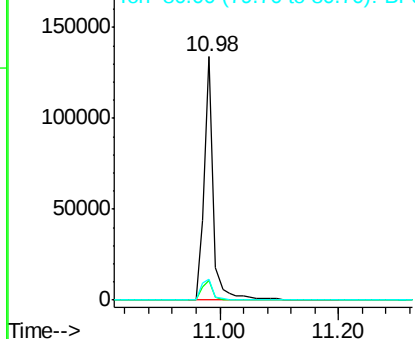


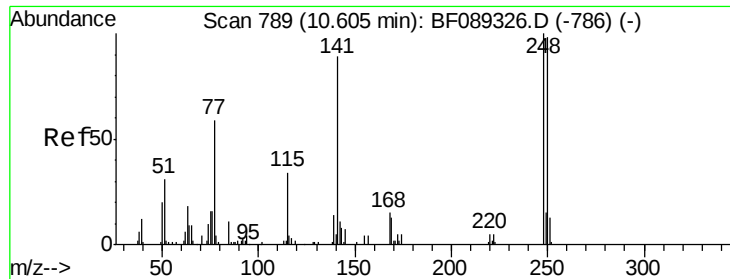
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.07 min
 Lab File: BF089509.D
 Acq: 1 Aug 2016 14:06

Tgt Ion:188 Resp: 149588
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.5 9.7
 80 8.7 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

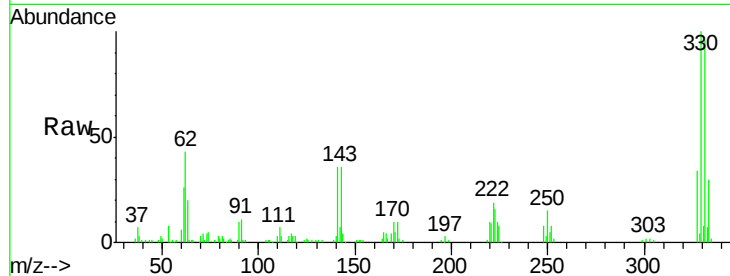




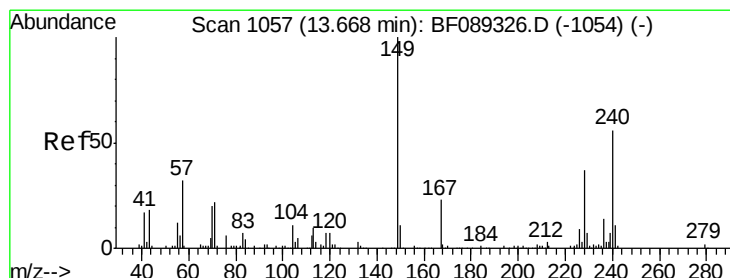
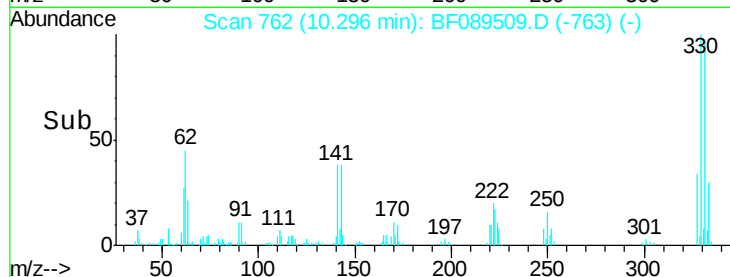
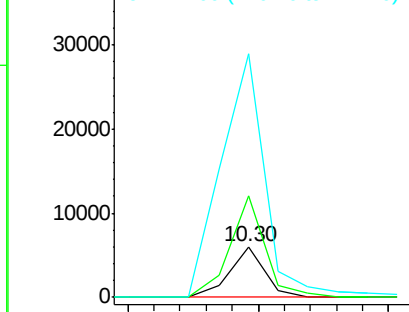
#66
 4-Bromophenyl-phenylether
 Concen: 3.93 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.31 min
 Lab File: BF089509.D
 Acq: 1 Aug 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)K

Tgt Ion:248 Resp: 5615
 Ion Ratio Lower Upper
 248 100
 250 199.4 78.2 117.2#
 141 478.4 62.0 93.0#

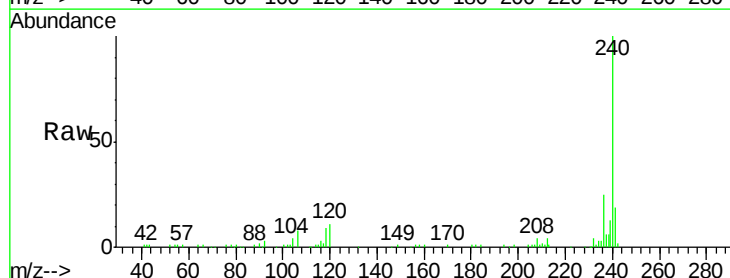


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

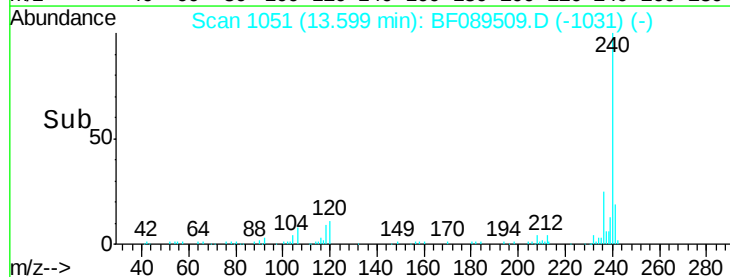
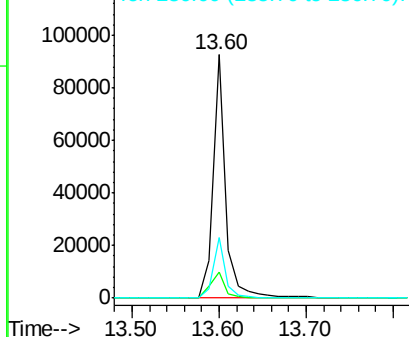


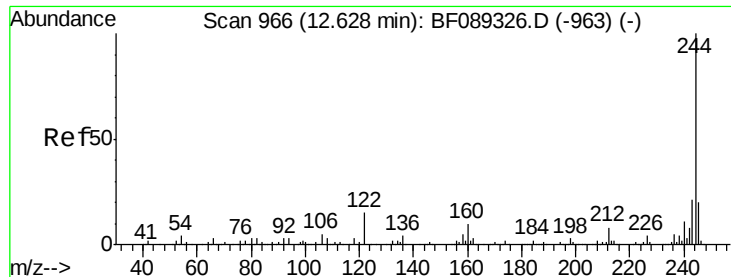
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.07 min
 Lab File: BF089509.D
 Acq: 1 Aug 2016 14:06

Tgt Ion:240 Resp: 94564
 Ion Ratio Lower Upper
 240 100
 120 10.8 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: 75.92 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.07 min

Lab File: BF089509.D

Acq: 1 Aug 2016 14:06

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)K

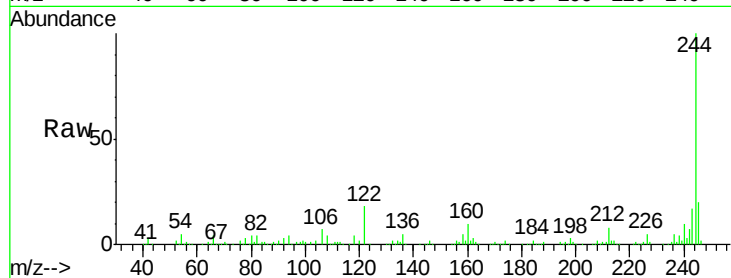
Tgt Ion:244 Resp: 306760

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

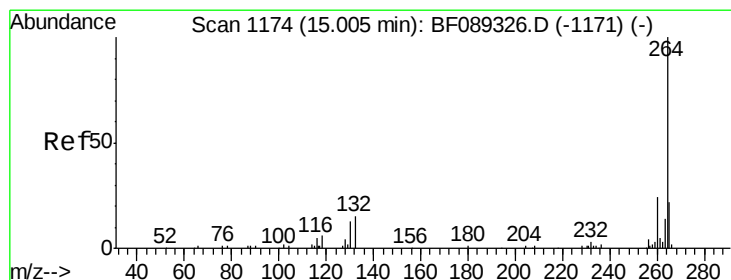
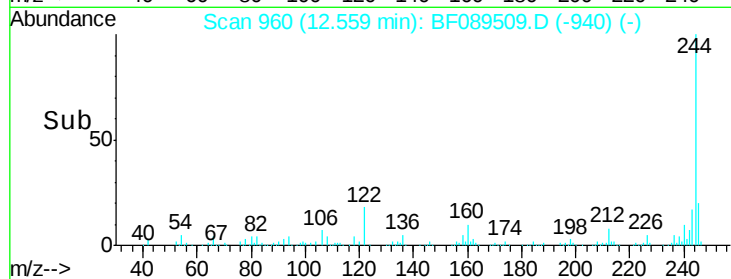
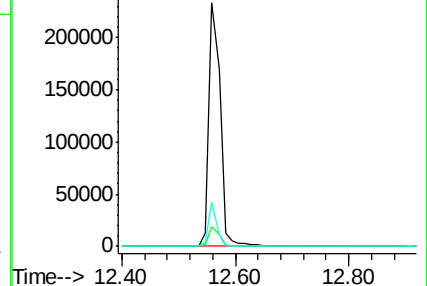
122 18.3 11.4 17.0#



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: BF089509.D

Acq: 1 Aug 2016 14:06

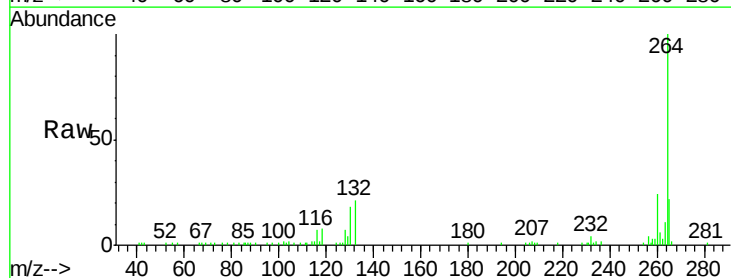
Tgt Ion:264 Resp: 70542

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 21.6 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

