

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089513.D
 Acq On : 1 Aug 2016 16:00
 Operator : UM/SJ
 Sample : H4285-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 02 01:46:00 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

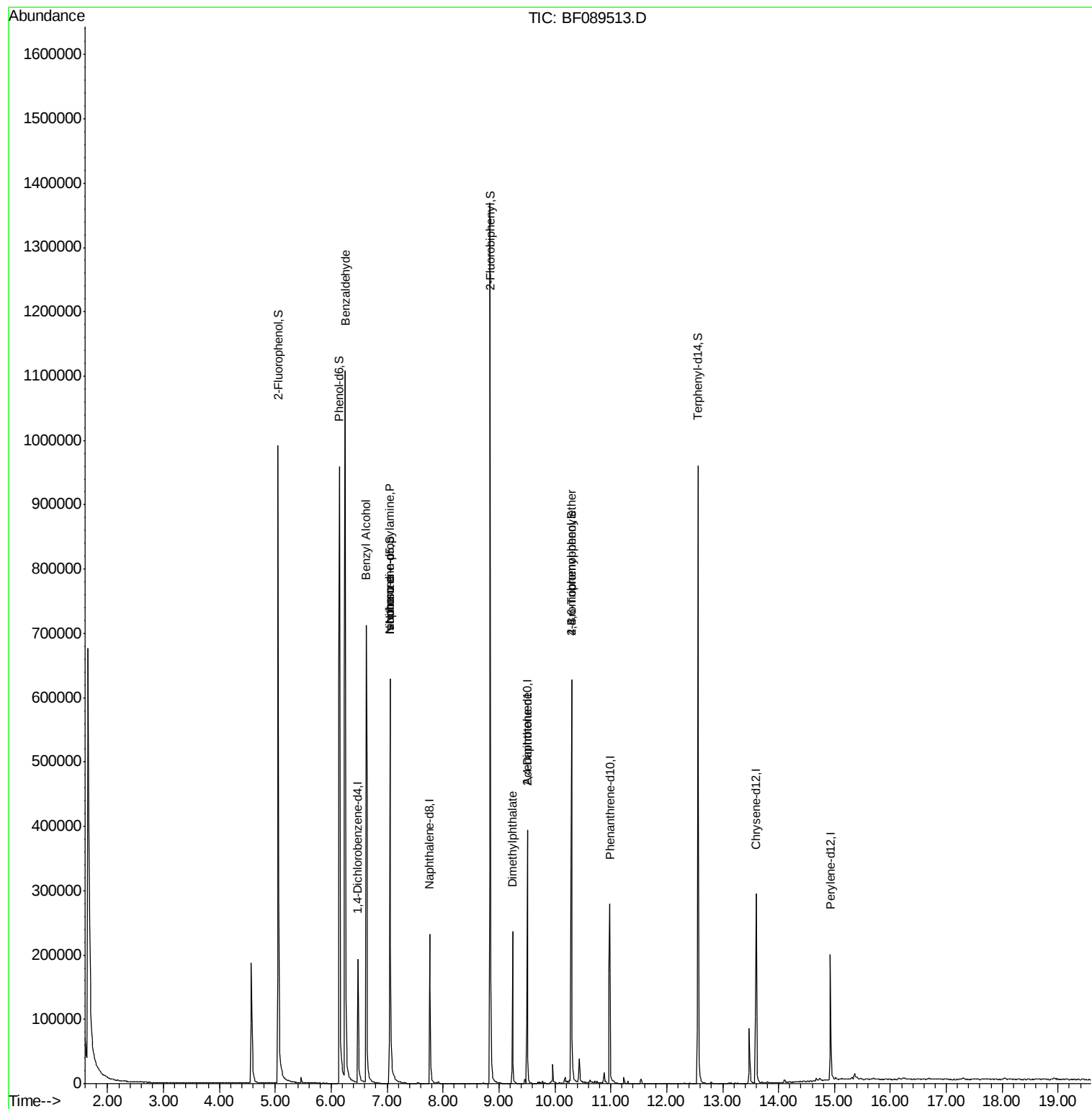
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	38267	20.00	ng	-0.07
21) Naphthalene-d8	7.76	136	160614	20.00	ng	-0.07
38) Acenaphthene-d10	9.51	164	81162	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	148930	20.00	ng	-0.07
75) Chrysene-d12	13.60	240	119290	20.00	ng	-0.07
86) Perylene-d12	14.93	264	78947	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	343083	143.15	ng	-0.06
7) Phenol-d6	6.15	99	497568	157.10	ng	-0.06
23) Nitrobenzene-d5	7.05	82	278462	102.33	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	81648	121.46	ng	-0.07
44) 2-Fluorobiphenyl	8.84	172	456691	82.58	ng	-0.07
78) Terphenyl-d14	12.56	244	359567	70.55	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.25	77	8898	5.75	ng	Qvalue 85
15) Benzyl Alcohol	6.63	79	4091	2.08	ng	# 46
19) n-Nitroso-di-n-propylamine	7.05	70	36610	19.17	ng	# 81
25) Isophorone	7.05	82	256423	46.78	ng	# 67
49) Dimethylphthalate	9.24	163	96005	15.54	ng	99
56) 2,4-Dinitrotoluene	9.51	165	9906	5.93	ng	# 7
66) 4-Bromophenyl-phenylether	10.30	248	6396	4.50	ng	# 1

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

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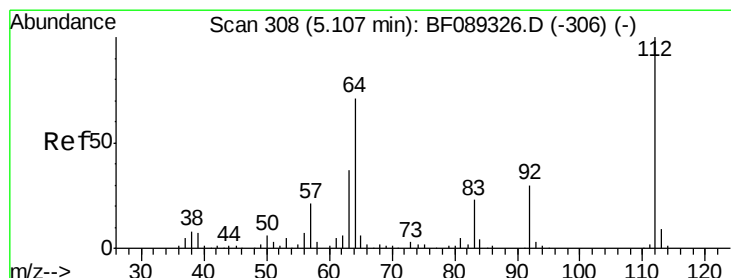
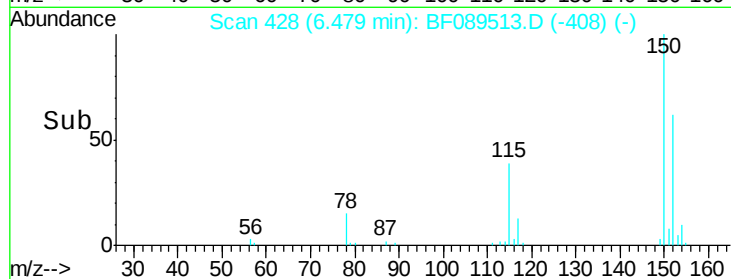
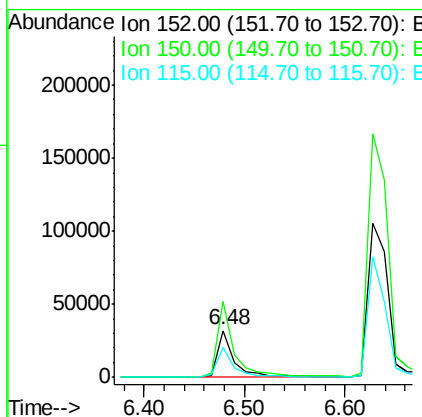
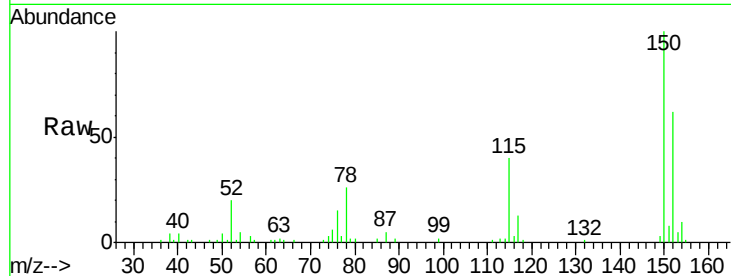




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.48 min Scan# 428
 Delta R.T. -0.07 min
 Lab File: BF089513.D
 Acq: 1 Aug 2016 16:00

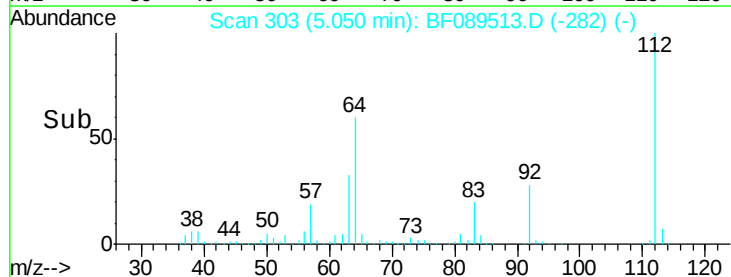
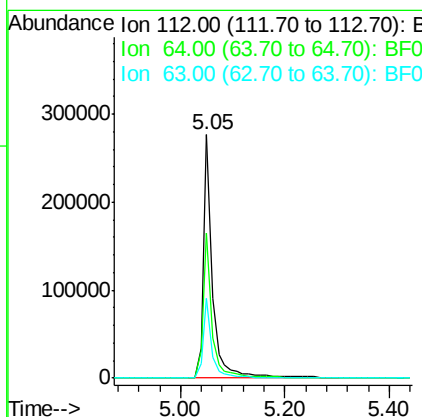
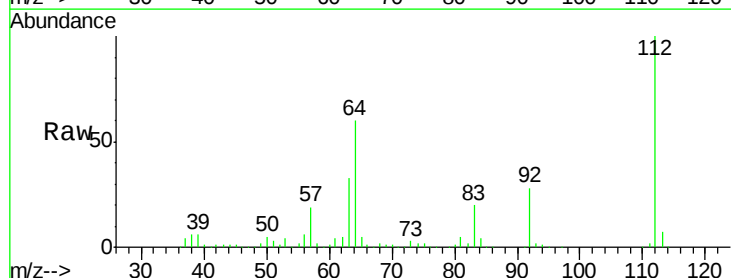
Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)R

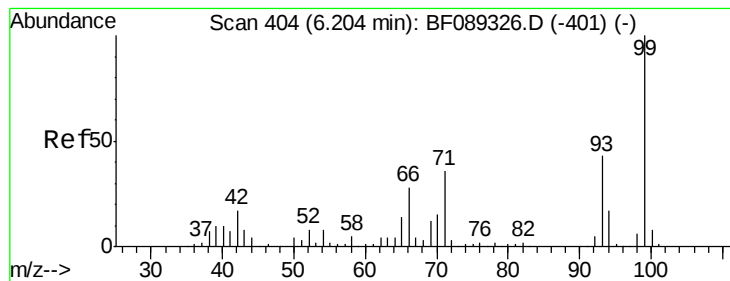
Tgt Ion:152 Resp: 38267
 Ion Ratio Lower Upper
 152 100
 150 161.0 129.5 194.3
 115 63.9 51.4 77.2



#5
 2-Fluorophenol
 Concen: 143.15 ng
 RT: 5.05 min Scan# 303
 Delta R.T. -0.06 min
 Lab File: BF089513.D
 Acq: 1 Aug 2016 16:00

Tgt Ion:112 Resp: 343083
 Ion Ratio Lower Upper
 112 100
 64 59.8 55.0 82.6
 63 32.6 29.4 44.2





#7

Phenol-d6

Concen: 157.10 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.06 min

Lab File: BF089513.D

Acq: 1 Aug 2016 16:00

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)R

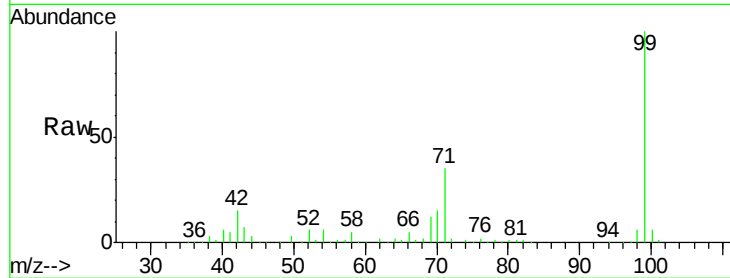
Tgt Ion: 99 Resp: 497568

Ion Ratio Lower Upper

99 100

42 15.4 13.6 20.4

71 35.0 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

500000

400000

300000

200000

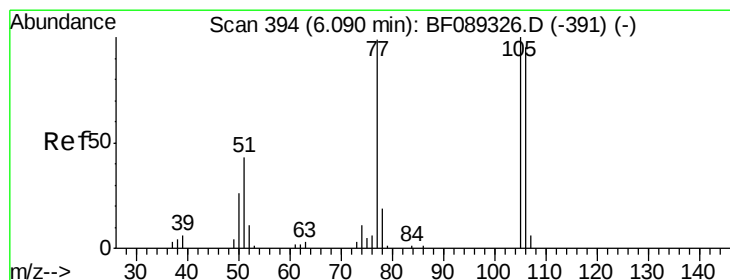
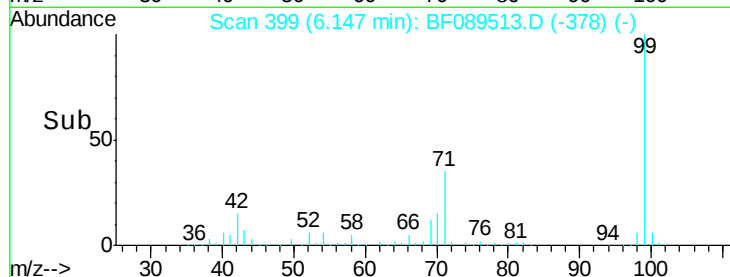
100000

0

6.15

6.00 6.20 6.40

Time-->



#9

Benzaldehyde

Concen: 5.75 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.16 min

Lab File: BF089513.D

Acq: 1 Aug 2016 16:00

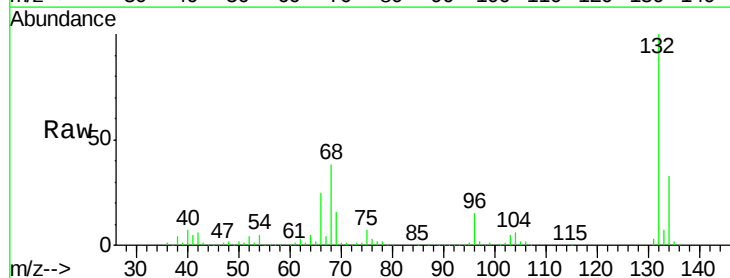
Tgt Ion: 77 Resp: 8898

Ion Ratio Lower Upper

77 100

105 88.2 82.9 122.9

106 80.6 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

10000

8000

6000

4000

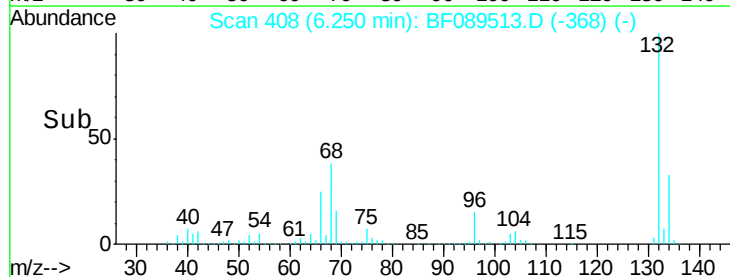
2000

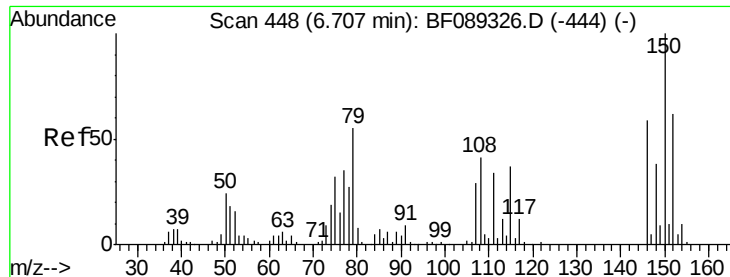
0

6.25

6.20 6.25

Time-->





#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.08 min

Lab File: BF089513.D

Acq: 1 Aug 2016 16:00

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)R

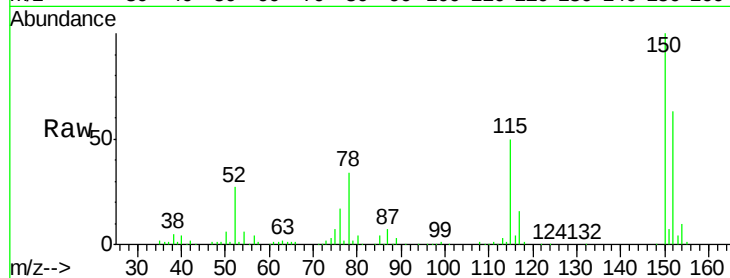
Tgt Ion: 79 Resp: 4091

Ion Ratio Lower Upper

79 100

108 26.2 59.8 89.6#

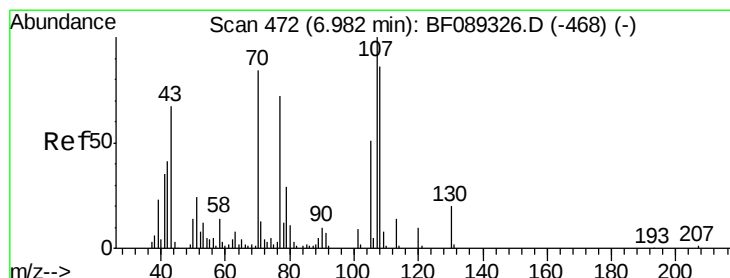
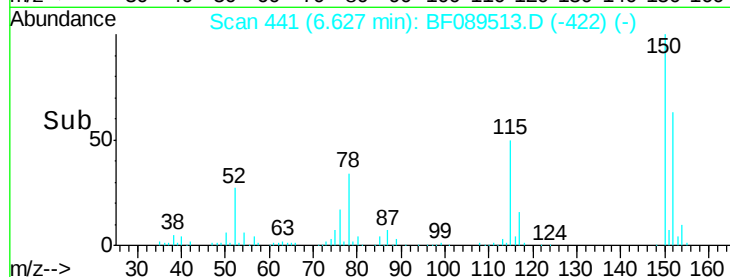
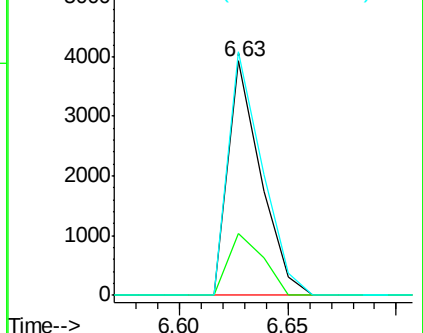
77 103.9 51.7 77.5#



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: 19.17 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.07 min

Lab File: BF089513.D

Acq: 1 Aug 2016 16:00

Tgt Ion: 70 Resp: 36610

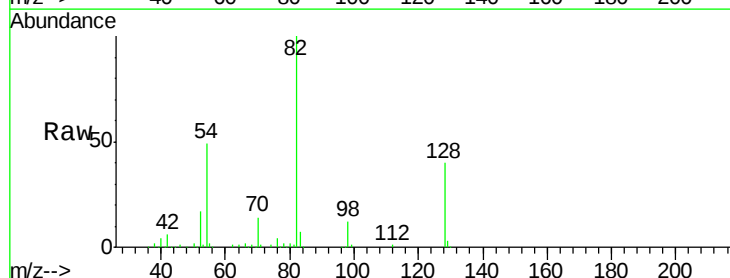
Ion Ratio Lower Upper

70 100

42 45.1 38.6 57.8

101 0.0 8.3 12.5#

130 1.8 19.0 28.4#

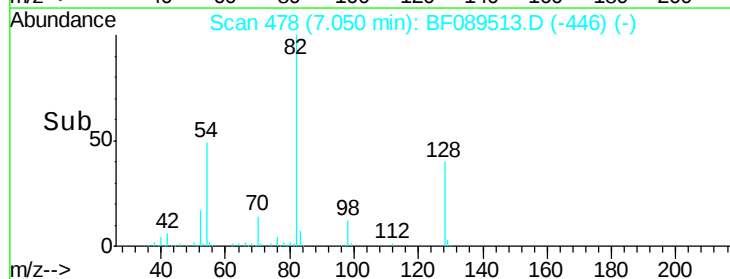
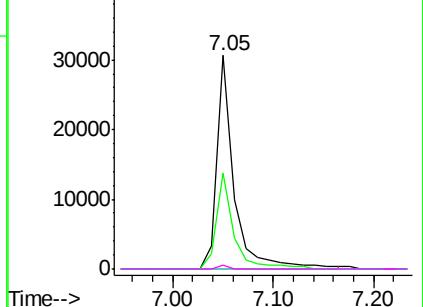


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

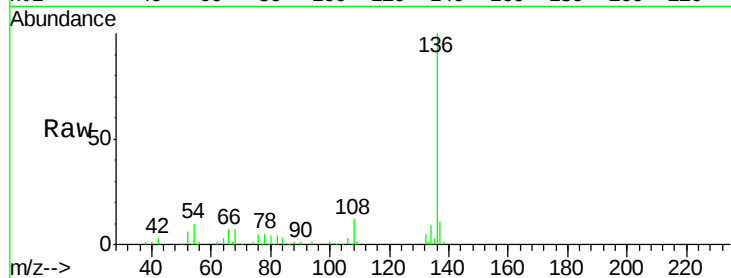




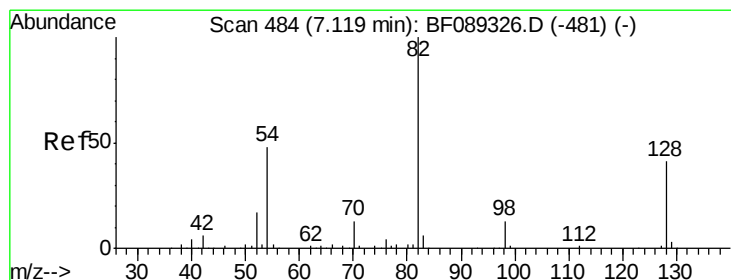
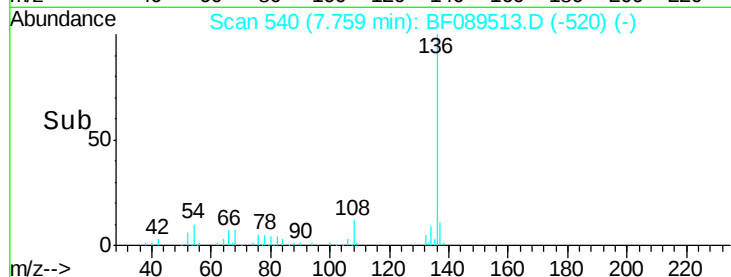
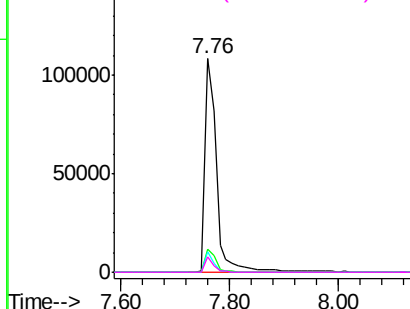
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

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

Tgt Ion:	136	Resp:	160614
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.9	7.0	10.4
68	7.1	4.9	7.3

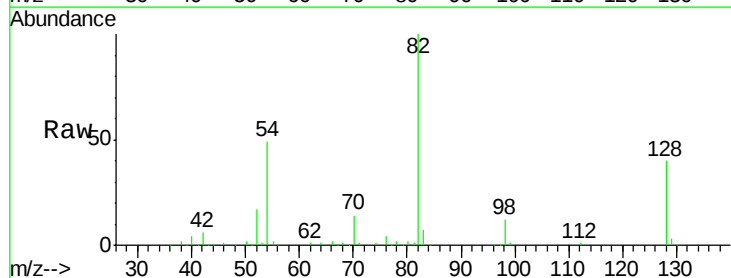


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

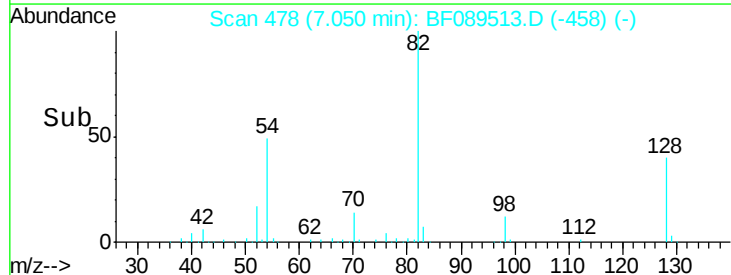
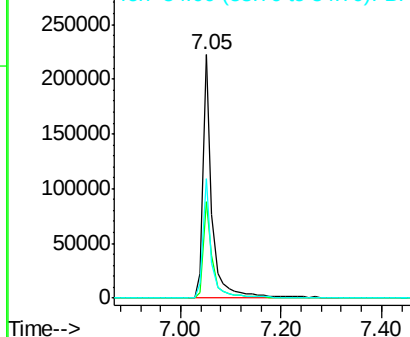


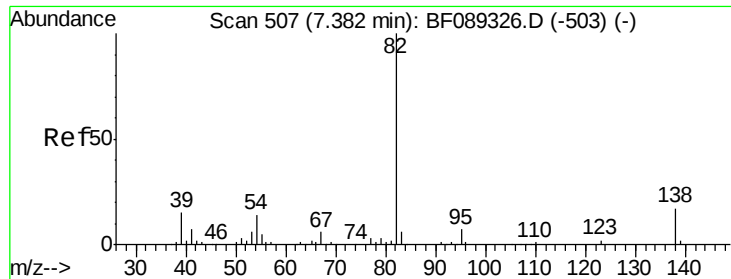
#23
Nitrobenzene-d5
Concen: 102.33 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.07 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Tgt Ion:	82	Resp:	278462
Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.5	48.7
54	49.3	38.8	58.2



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





#25

Isophorone

Concen: 46.78 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.33 min

Lab File: BF089513.D

Acq: 1 Aug 2016 16:00

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)R

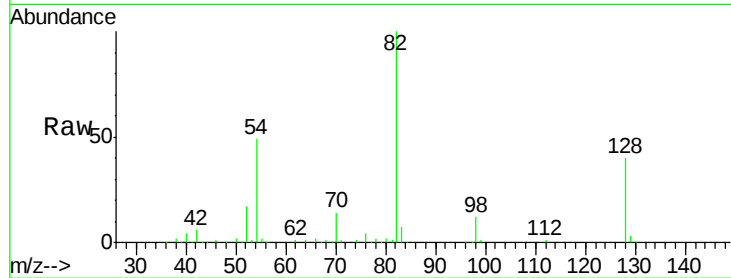
Tgt Ion: 82 Resp: 256423

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

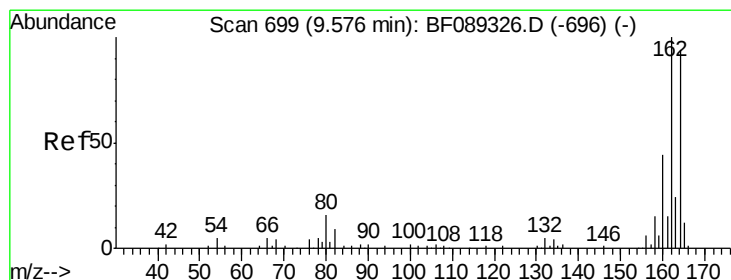
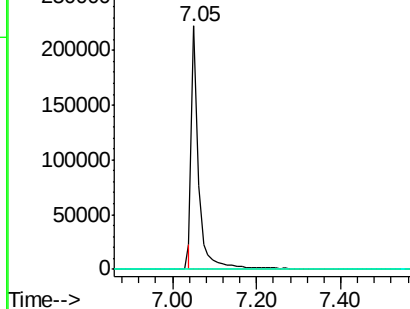
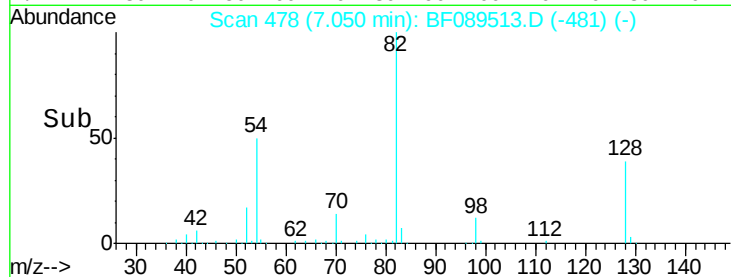
138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.07 min

Lab File: BF089513.D

Acq: 1 Aug 2016 16:00

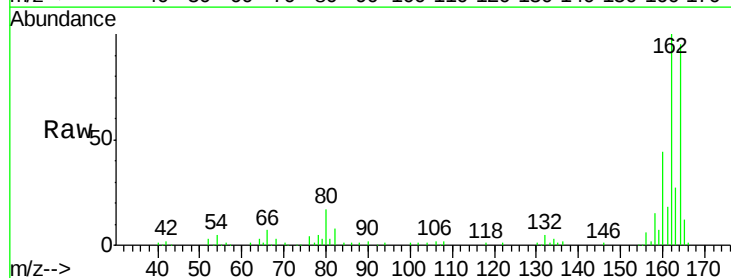
Tgt Ion: 164 Resp: 81162

Ion Ratio Lower Upper

164 100

162 105.7 83.7 125.5

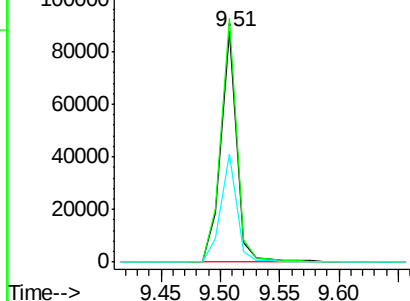
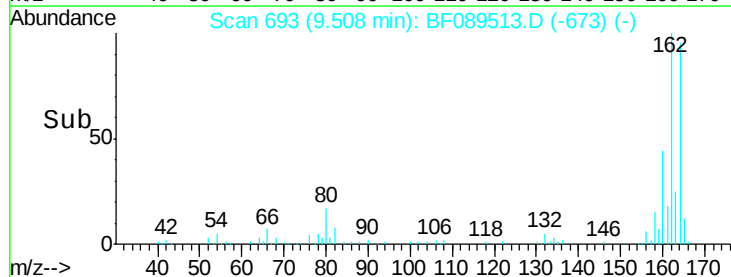
160 46.8 37.8 56.6

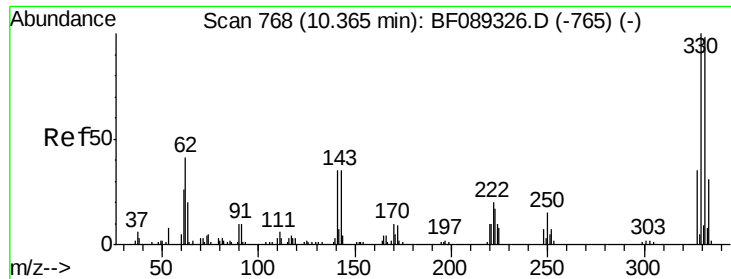


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

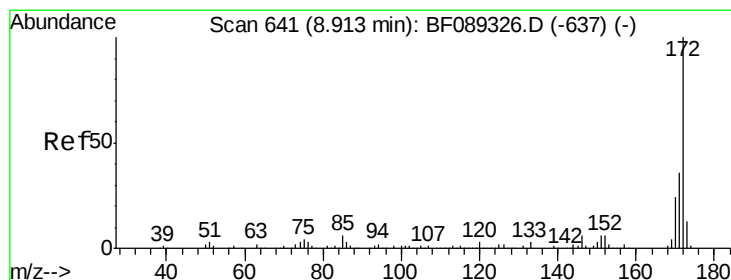
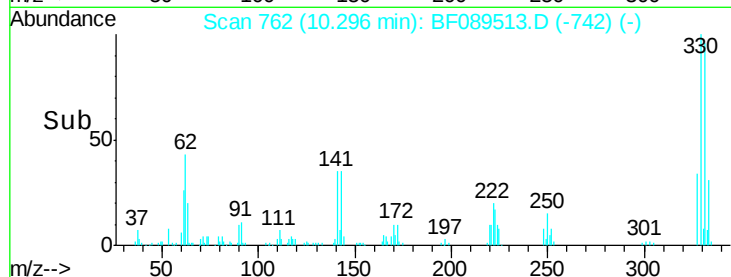
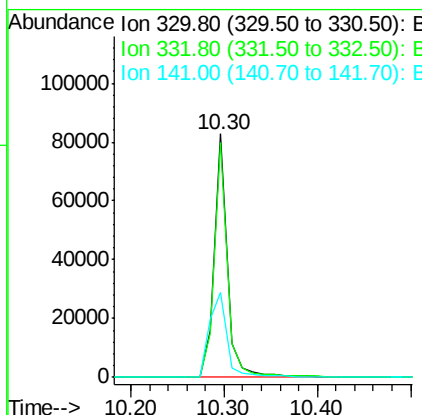
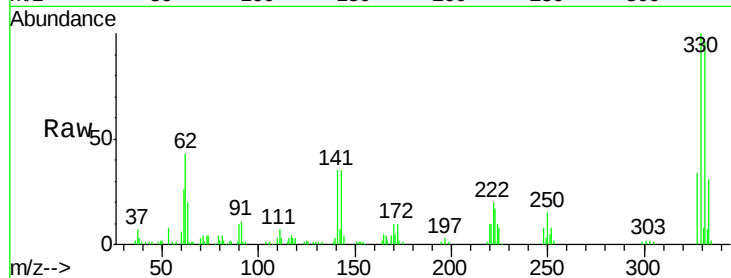




#41
 2,4,6-Tribromophenol
 Concen: 121.46 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.07 min
 Lab File: BF089513.D
 Acq: 1 Aug 2016 16:00

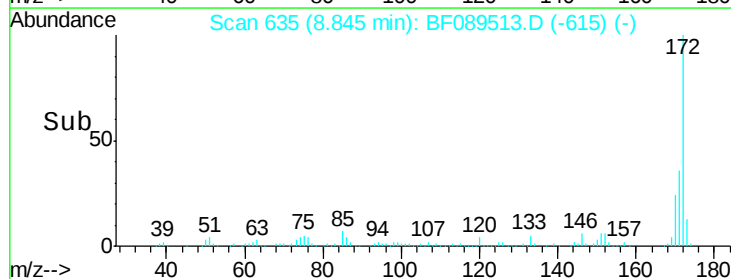
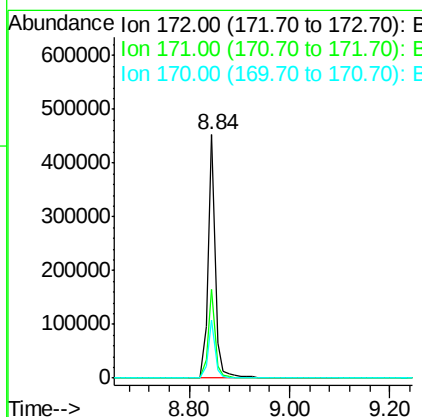
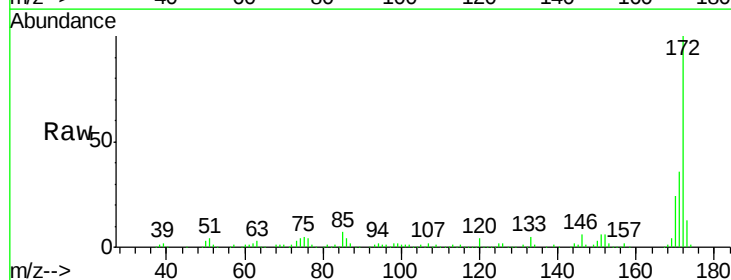
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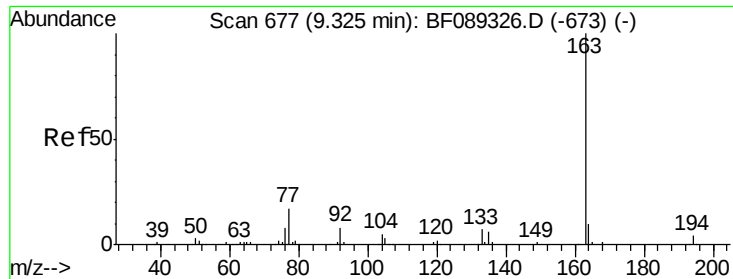
Tgt Ion:330 Resp: 81648
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 46.4 37.3 55.9



#44
 2-Fluorobiphenyl
 Concen: 82.58 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.07 min
 Lab File: BF089513.D
 Acq: 1 Aug 2016 16:00

Tgt Ion:172 Resp: 456691
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.8 19.2 28.8

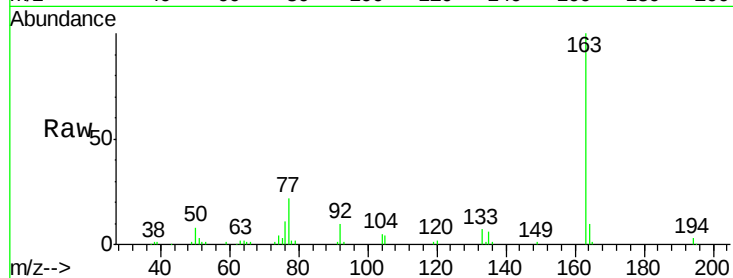




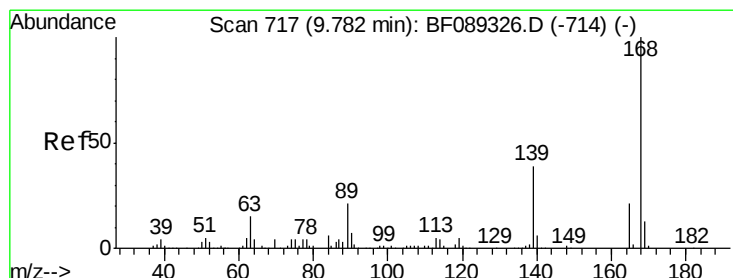
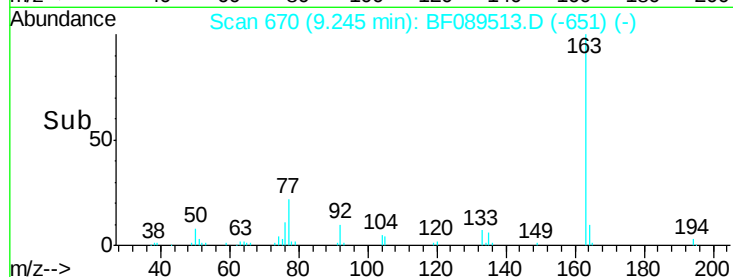
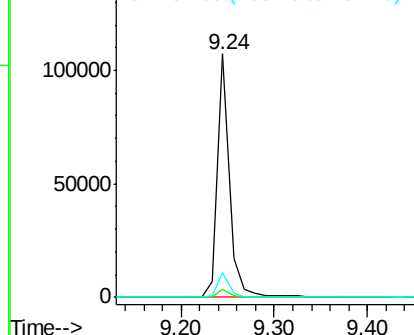
#49
Dimethylphthalate
Concen: 15.54 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.08 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

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

Tgt Ion:163 Resp: 96005
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.1 7.8 11.8

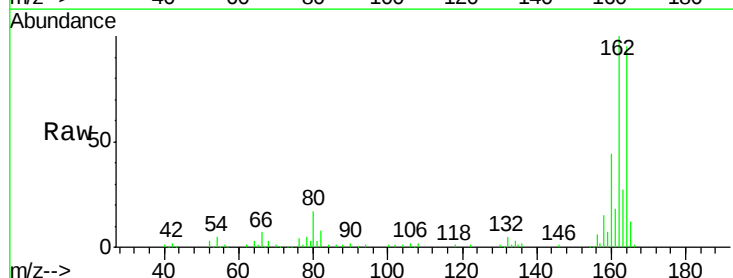


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

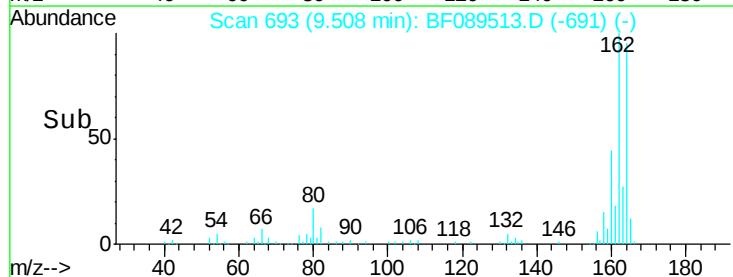
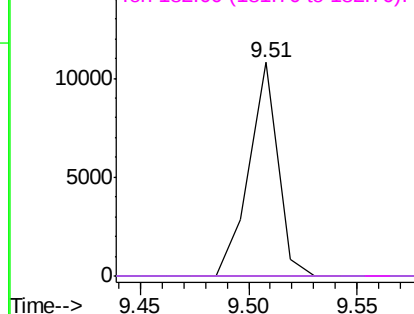


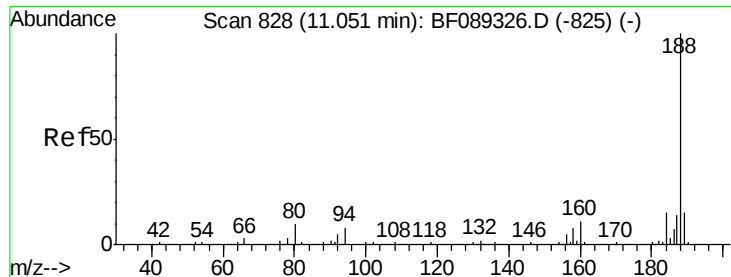
#56
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.27 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Tgt Ion:165 Resp: 9906
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

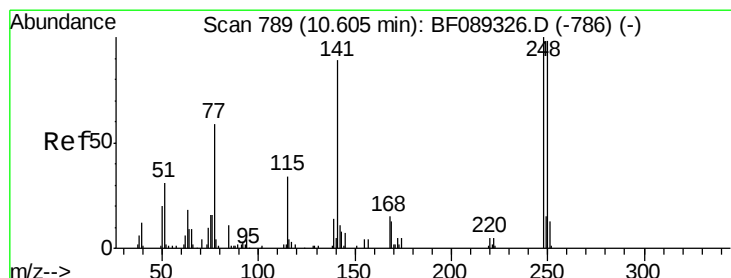
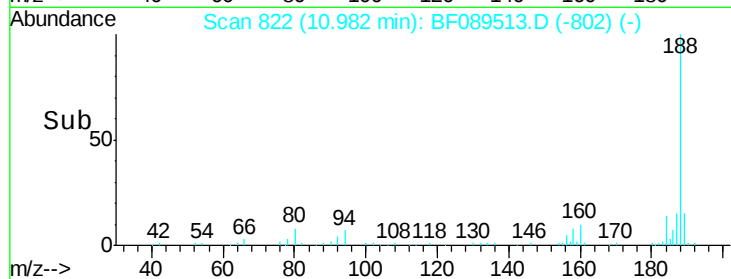
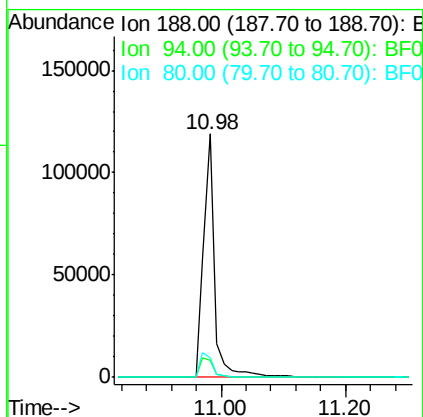
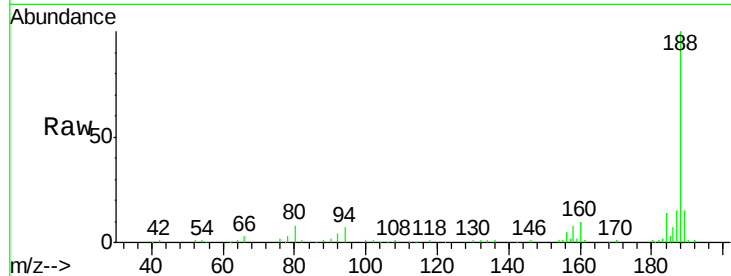




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.07 min
 Lab File: BF089513.D
 Acq: 1 Aug 2016 16:00

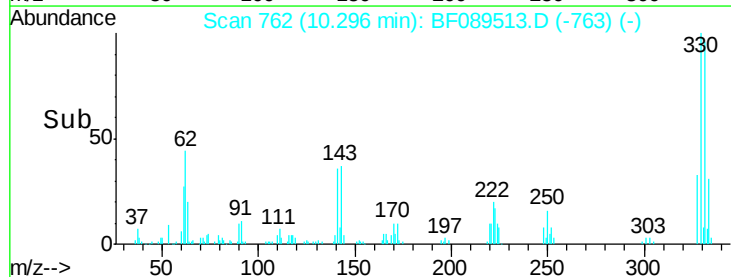
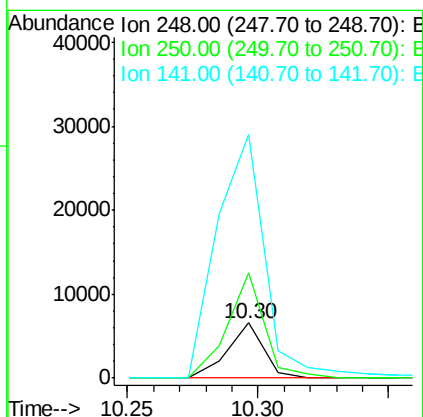
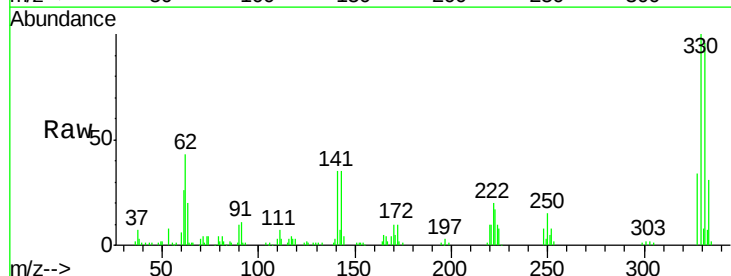
Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)R

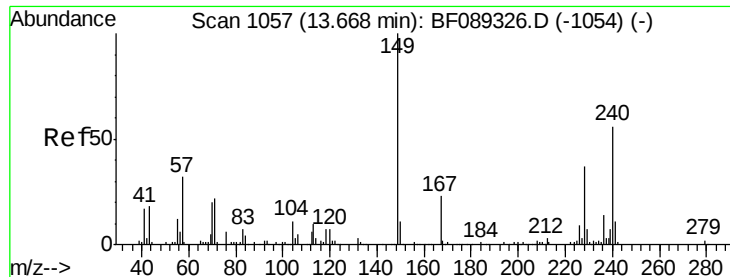
Tgt Ion:188 Resp: 148930
 Ion Ratio Lower Upper
 188 100
 94 7.2 6.5 9.7
 80 8.0 7.2 10.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.50 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.31 min
 Lab File: BF089513.D
 Acq: 1 Aug 2016 16:00

Tgt Ion:248 Resp: 6396
 Ion Ratio Lower Upper
 248 100
 250 191.5 78.2 117.2#
 141 443.1 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: BF089513.D

Acq: 1 Aug 2016 16:00

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)R

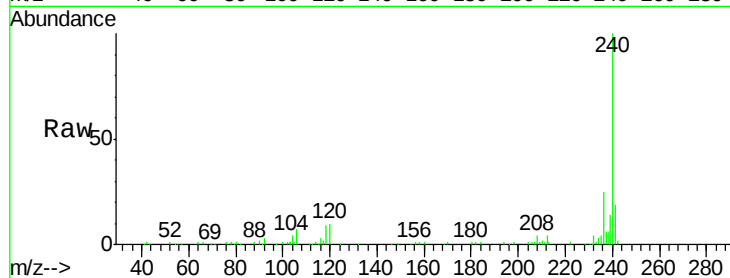
Tgt Ion:240 Resp: 119290

Ion Ratio Lower Upper

240 100

120 9.9 9.1 13.7

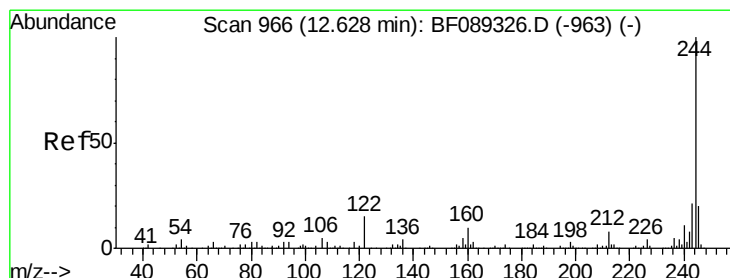
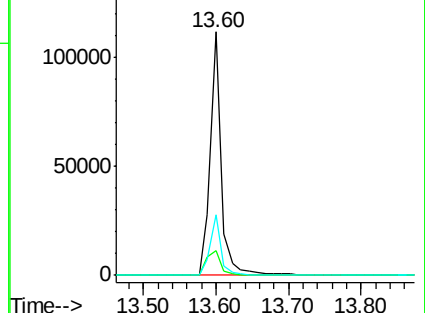
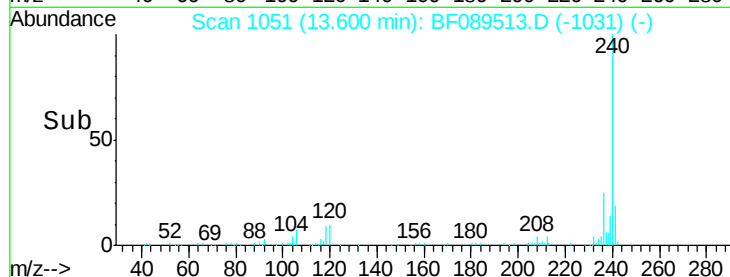
236 25.0 20.6 30.8



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: 70.55 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.07 min

Lab File: BF089513.D

Acq: 1 Aug 2016 16:00

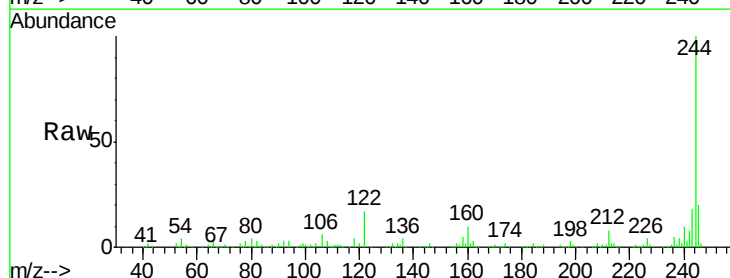
Tgt Ion:244 Resp: 359567

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

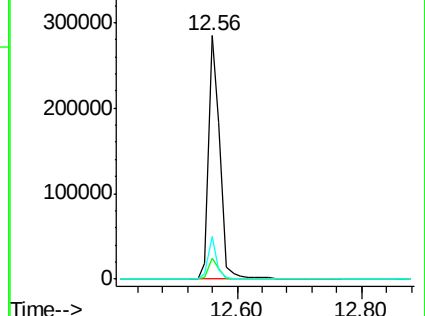
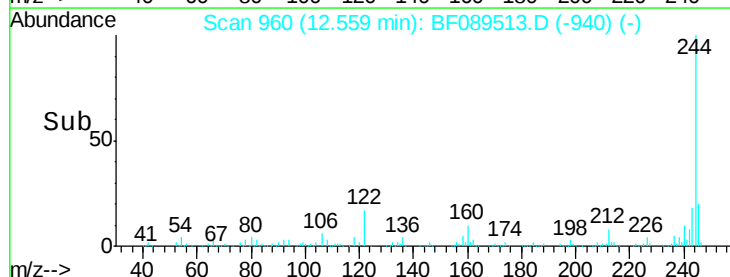
122 17.4 11.4 17.0#

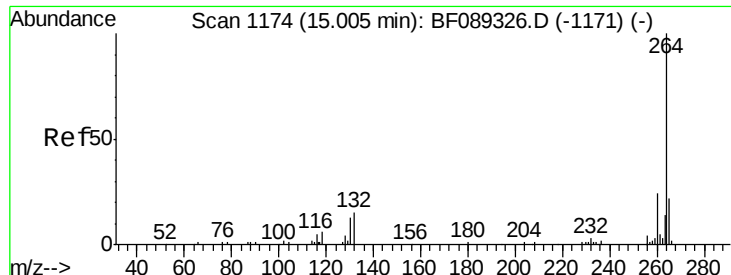


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

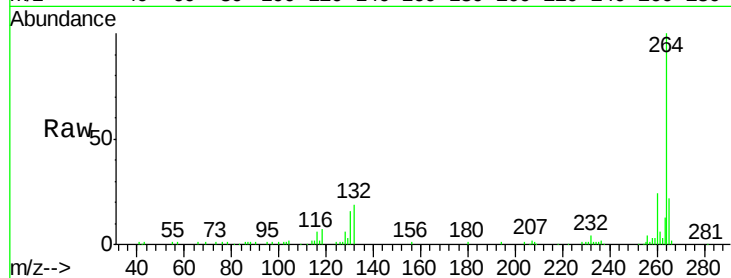




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.08 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

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

Tgt Ion: 264 Resp: 78947
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 21.5 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

