

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
 Data File : BF089180.D
 Acq On : 21 Jul 2016 15:12
 Operator : UM/SJ
 Sample : H4121-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 21 16:09:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

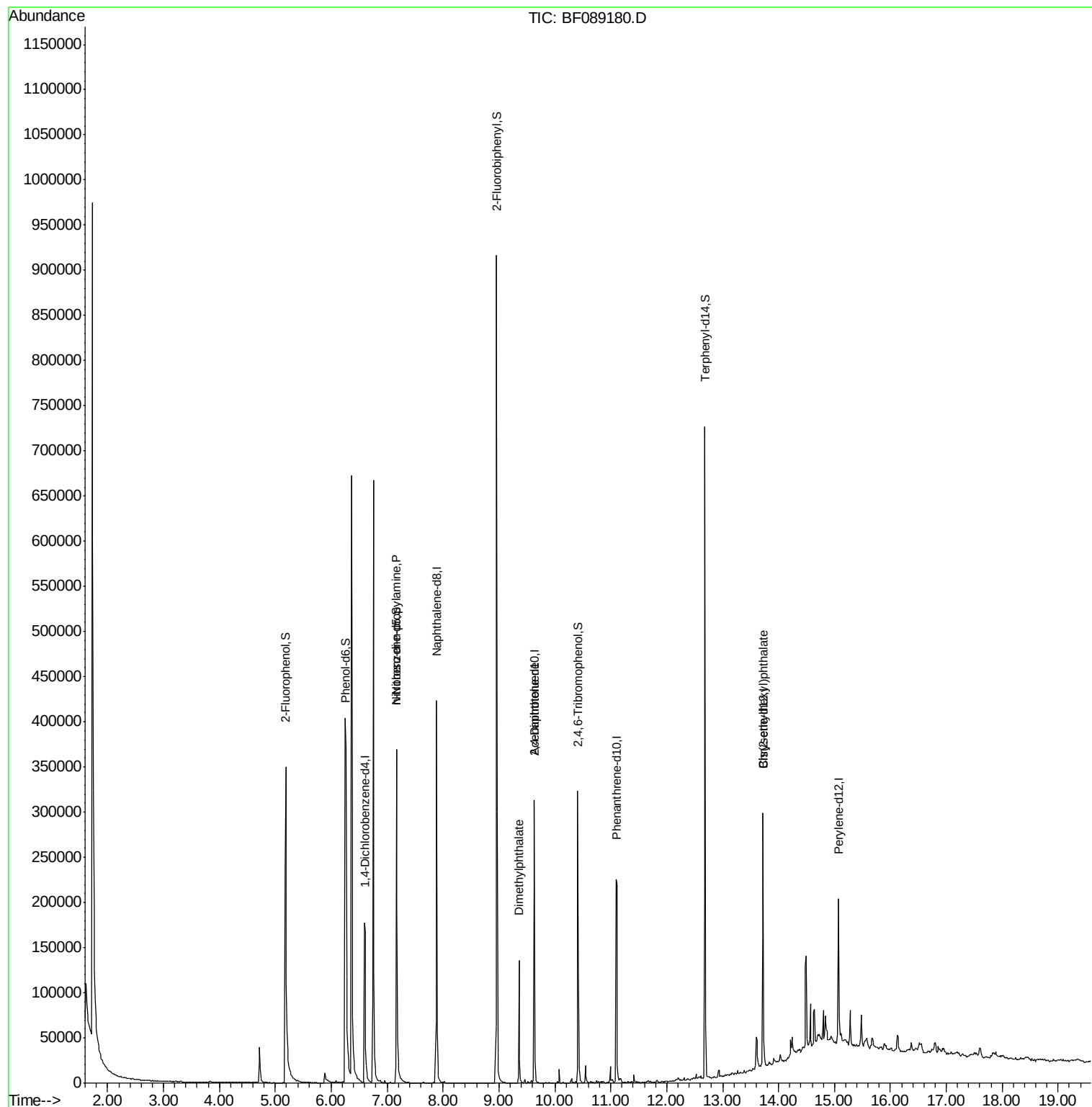
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	48309	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	210634	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	82836	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	134472	20.00	ng	0.00
75) Chrysene-d12	13.73	240	98726	20.00	ng	0.00
86) Perylene-d12	15.07	264	82605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	189799	59.75	ng	0.00
7) Phenol-d6	6.26	99	279024	68.12	ng	-0.01
23) Nitrobenzene-d5	7.16	82	176380	44.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	34398	46.12	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	320005	53.23	ng	-0.01
78) Terphenyl-d14	12.69	244	220688	48.48	ng	0.00
Target Compounds						
9) Benzaldehyde	6.26	77	211	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.16	70	23539	8.79 ng	#	83
49) Dimethylphthalate	9.36	163	56662	8.91 ng		98
56) 2,4-Dinitrotoluene	9.63	165	10343	5.60 ng	#	10
83) Bis(2-ethylhexyl)phthalate	13.73	149	9830	2.15 ng	#	96

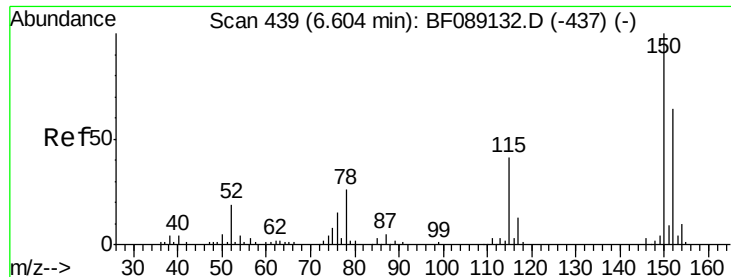
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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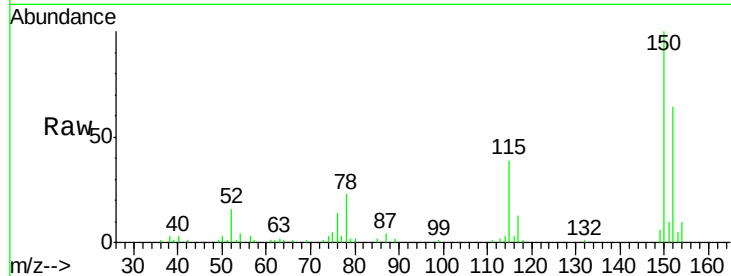


#1

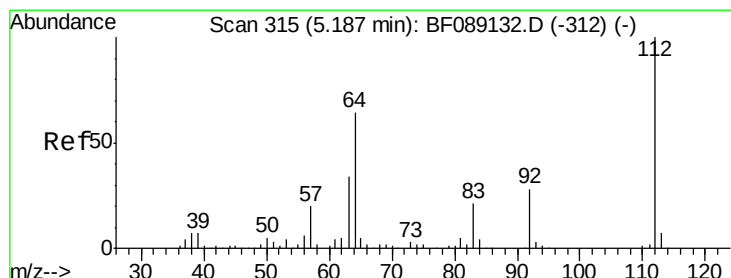
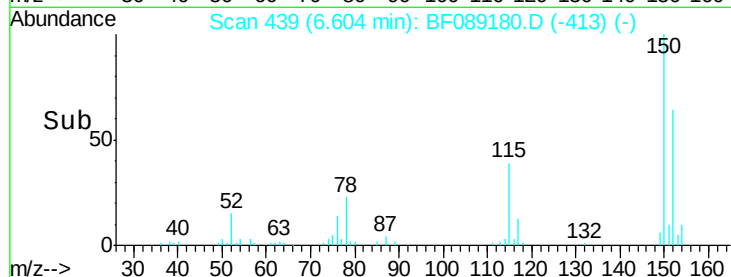
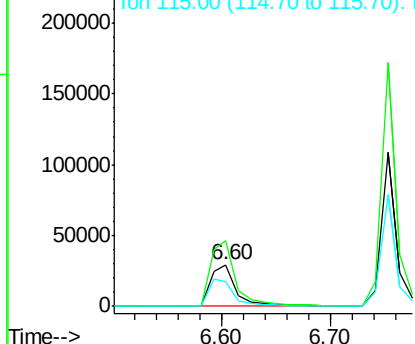
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 48309
Ion Ratio Lower Upper
152 100
150 157.1 125.1 187.7
115 61.1 51.1 76.7



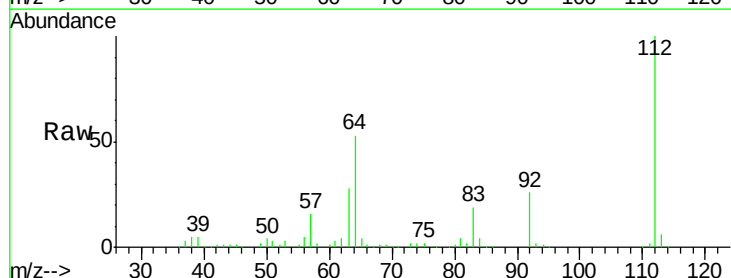
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



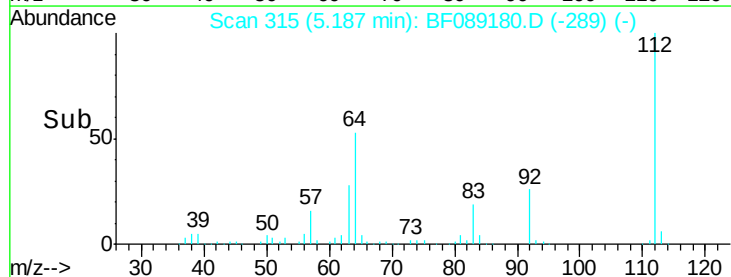
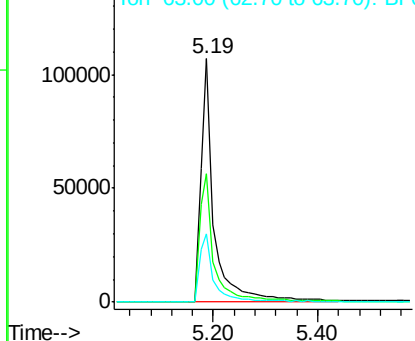
#5

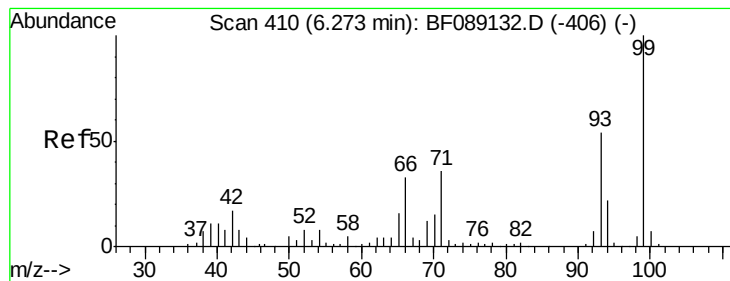
2-Fluorophenol
Concen: 59.75 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

Tgt Ion:112 Resp: 189799
Ion Ratio Lower Upper
112 100
64 52.8 51.0 76.4
63 28.2 27.3 40.9



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: 68.12 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089180.D

Acq: 21 Jul 2016 15:12

Instrument :

BNA_F

ClientSampleId :

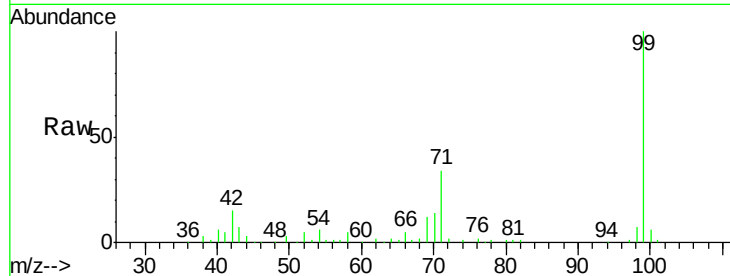
Tot Ion: 99 Resp: 279024

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

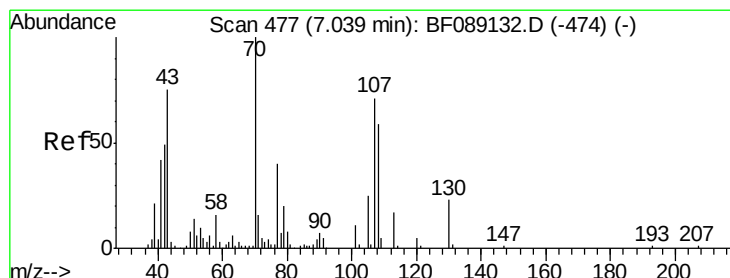
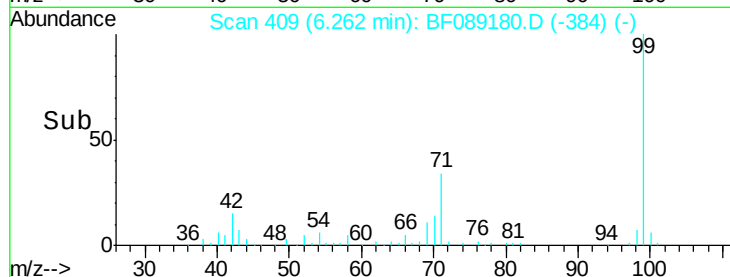
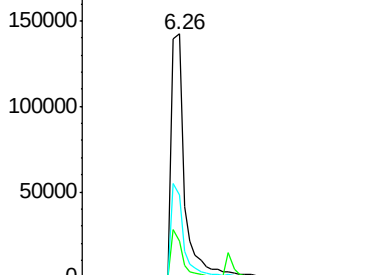
71 33.9 28.9 43.3



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: 8.79 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF089180.D

Acq: 21 Jul 2016 15:12

Tgt Ion: 70 Resp: 23539

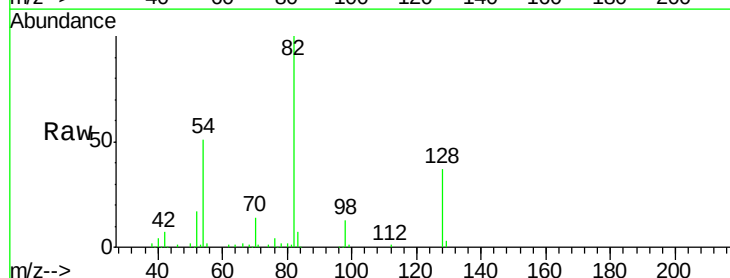
Ion Ratio Lower Upper

70 100

42 49.2 39.2 58.8

101 0.0 8.5 12.7#

130 0.0 18.4 27.6#

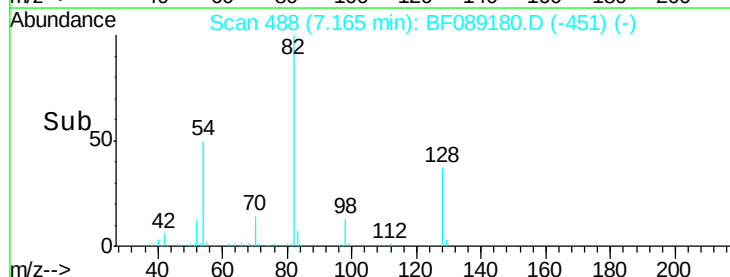
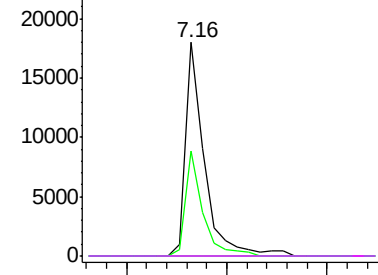


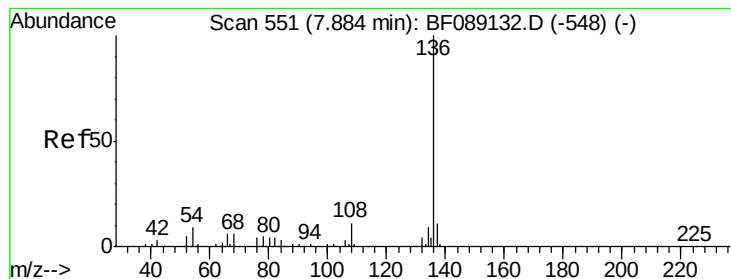
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

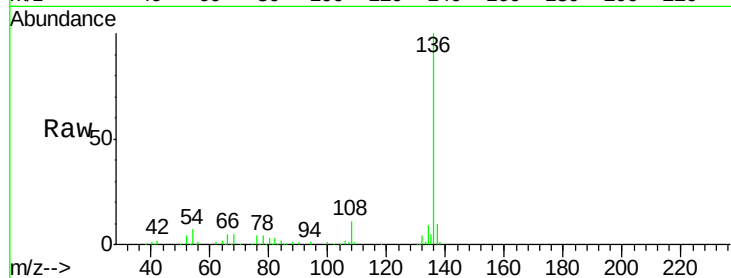




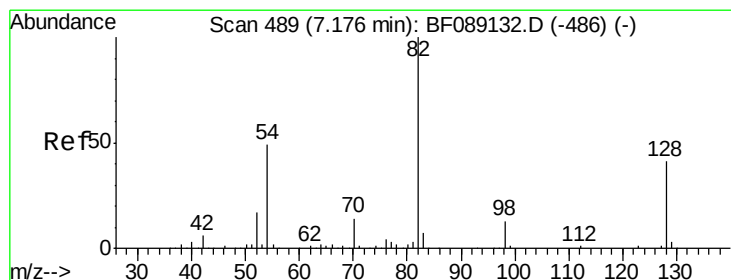
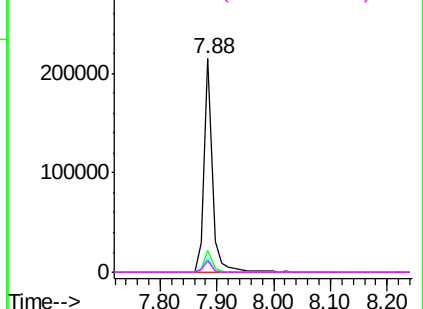
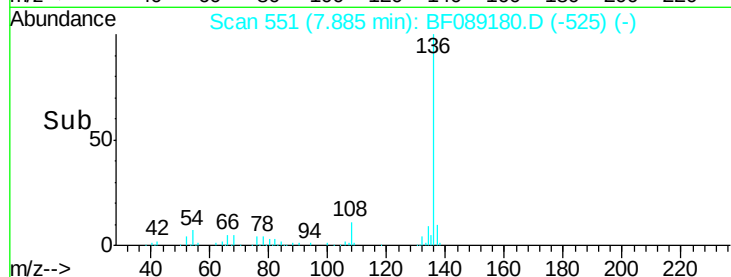
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	210634
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.8	13.2
54 6.6	7.0	10.4#
68 5.1	5.0	7.6

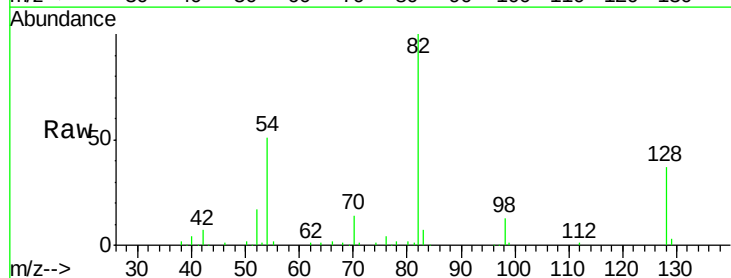


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

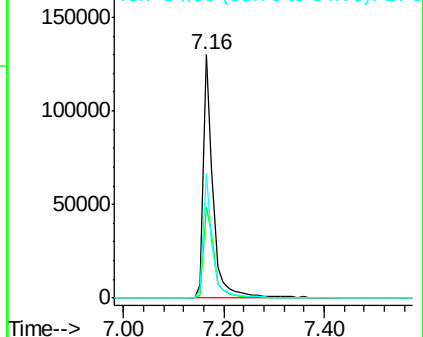
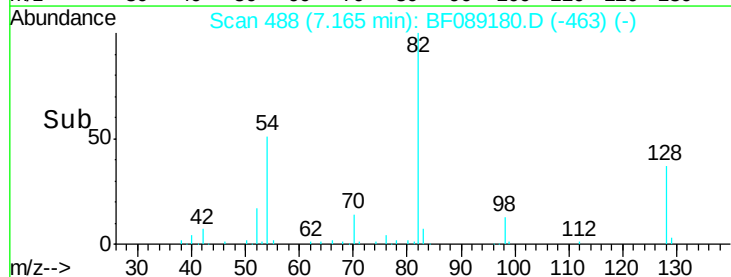


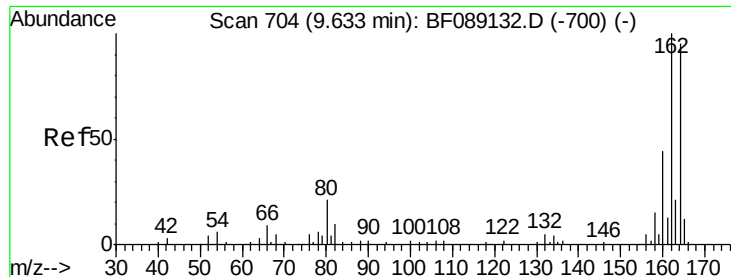
#23
Nitrobenzene-d5
Concen: 44.49 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

Tgt	Ion: 82	Resp:	176380
Ion	Ratio	Lower	Upper
82	100		
128	37.5	33.0	49.6
54	50.9	39.0	58.4



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

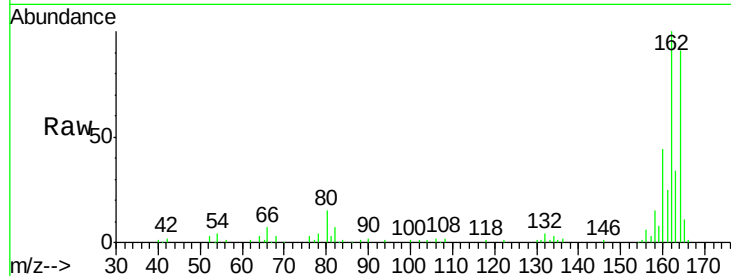




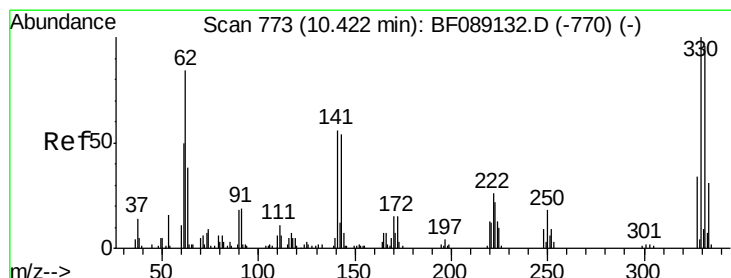
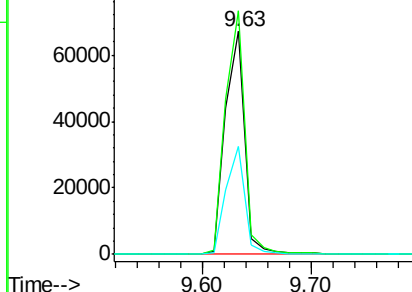
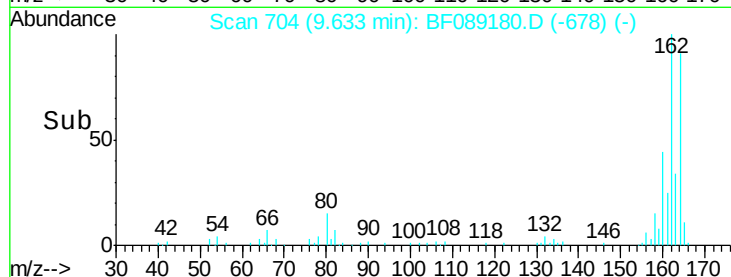
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF089180.D
 Acq: 21 Jul 2016 15:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 82836
 Ion Ratio Lower Upper
 164 100
 162 109.4 84.1 126.1
 160 48.4 37.1 55.7

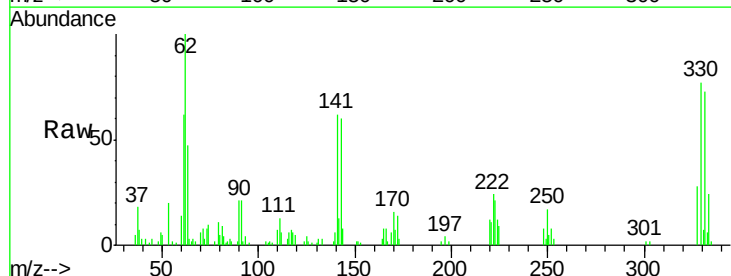


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

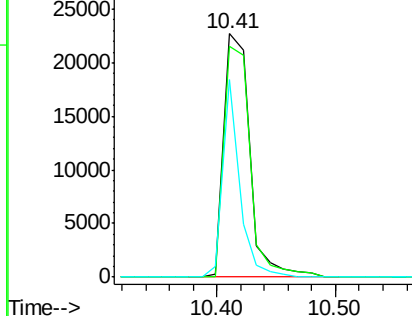
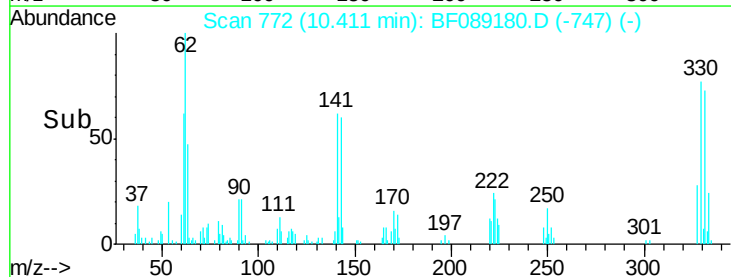


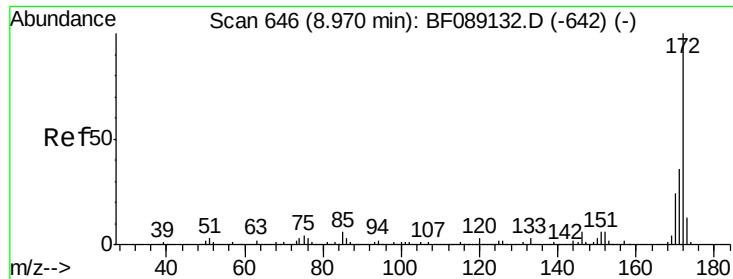
#41
 2,4,6-Tribromophenol
 Concen: 46.12 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF089180.D
 Acq: 21 Jul 2016 15:12

Tgt Ion:330 Resp: 34398
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.2 115.8
 141 52.6 42.2 63.2



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

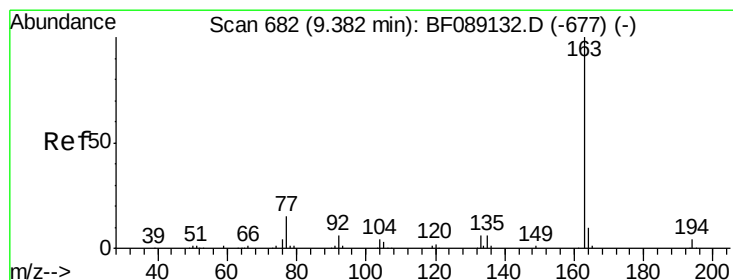
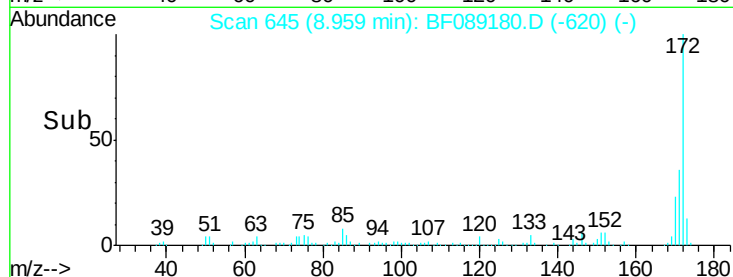
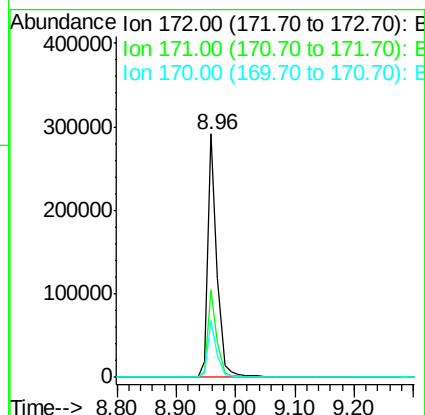
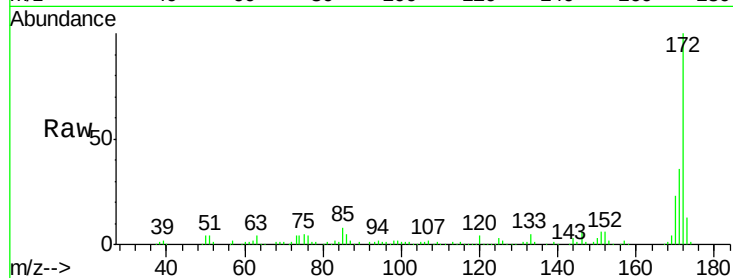




#44
2-Fluorobiphenyl
Concen: 53.23 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

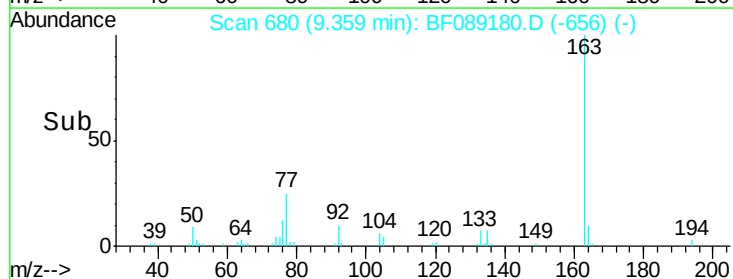
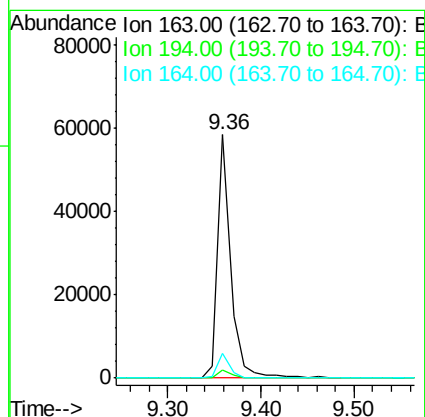
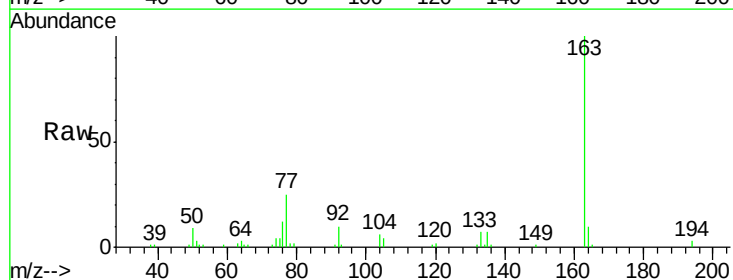
Instrument :
BNA_F
ClientSampleId :

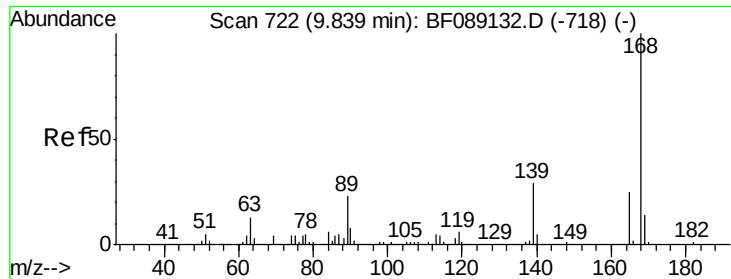
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.5	19.1	28.7



#49
Dimethylphthalate
Concen: 8.91 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089180.D
Acq: 21 Jul 2016 15:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	10.4	7.6	11.4

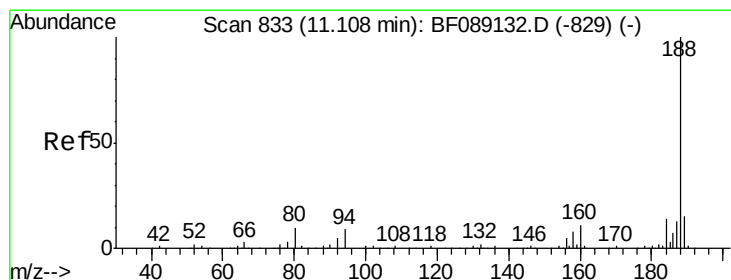
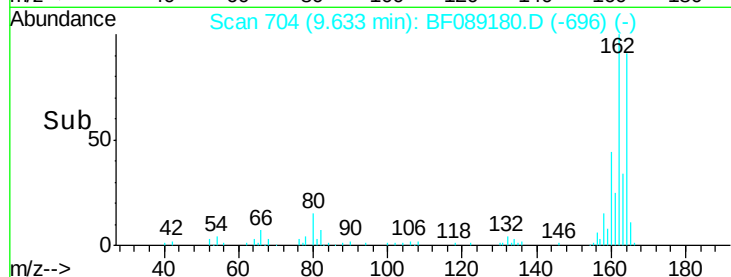
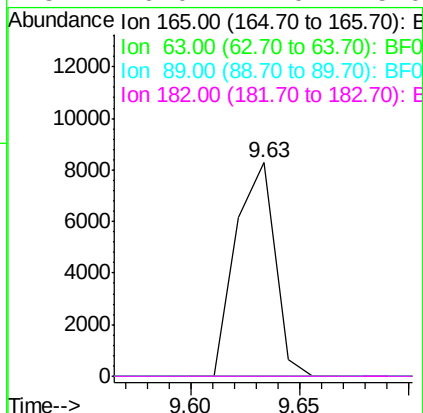
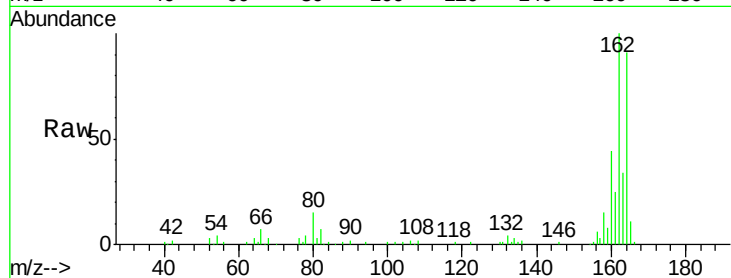




#56
 2,4-Dinitrotoluene
 Concen: 5.60 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.21 min
 Lab File: BF089180.D
 Acq: 21 Jul 2016 15:12

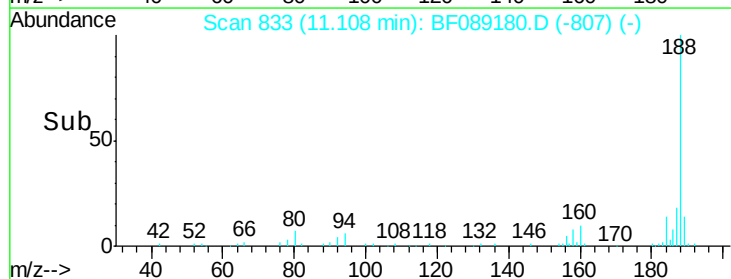
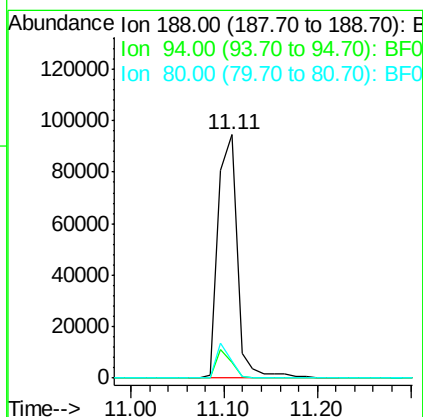
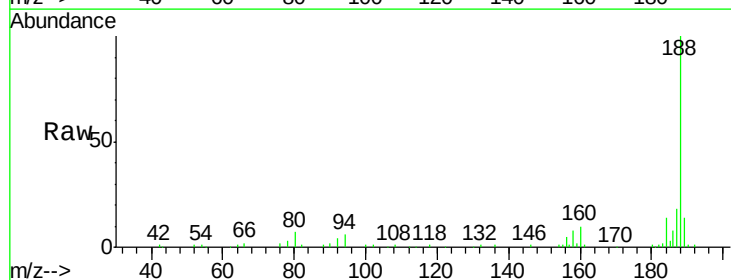
Instrument :
 BNA_F
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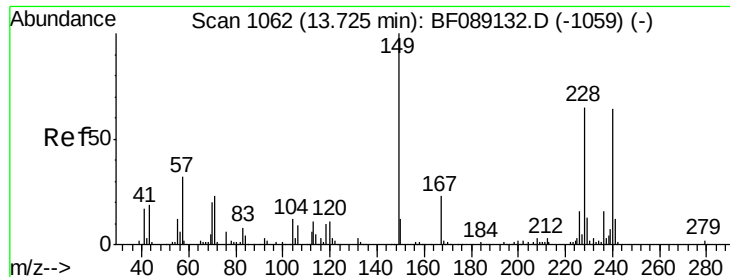
Tot Ion:165 Resp: 10343
 Ion Ratio Lower Upper
 165 100
 63 0.0 55.4 83.2#
 89 0.0 74.3 111.5#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF089180.D
 Acq: 21 Jul 2016 15:12

Tgt Ion:188 Resp: 134472
 Ion Ratio Lower Upper
 188 100
 94 6.5 7.0 10.4#
 80 7.2 7.7 11.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089180.D

Acq: 21 Jul 2016 15:12

Instrument :

BNA_F

ClientSampleId :

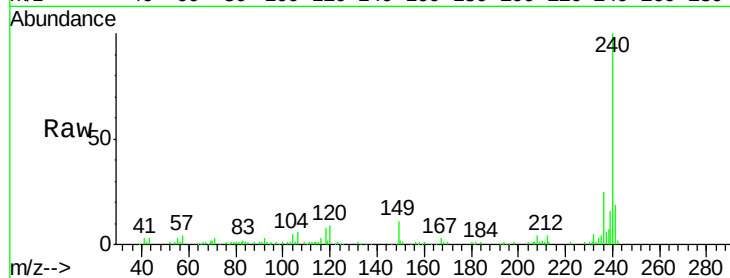
Tot Ion:240 Resp: 98726

Ion Ratio Lower Upper

240 100

120 8.6 13.6 20.4#

236 24.9 20.5 30.7



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

120000

100000

80000

60000

40000

20000

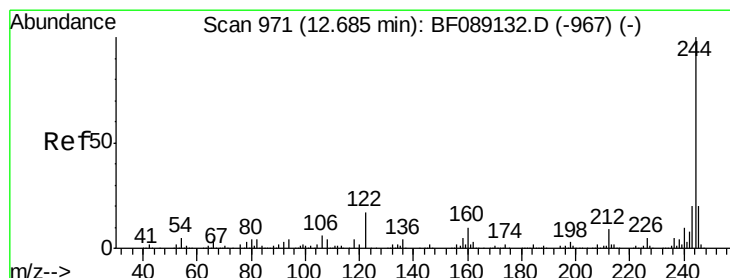
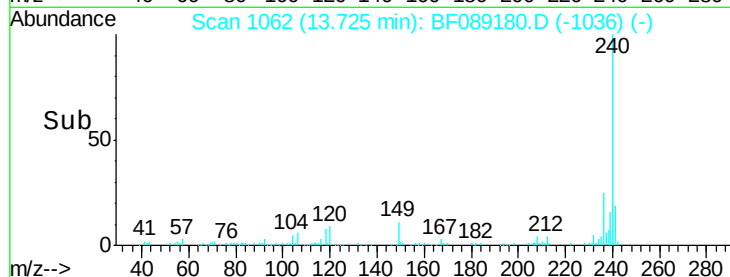
0

13.73

13.70

13.80

Time-->



#78

Terphenyl-d14

Concen: 48.48 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089180.D

Acq: 21 Jul 2016 15:12

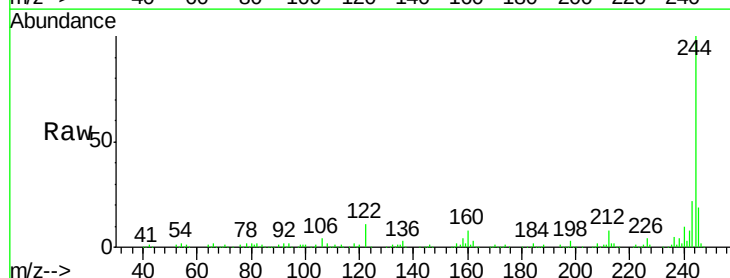
Tgt Ion:244 Resp: 220688

Ion Ratio Lower Upper

244 100

212 7.8 7.0 10.4

122 11.3 13.8 20.8#



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

300000

250000

200000

150000

100000

50000

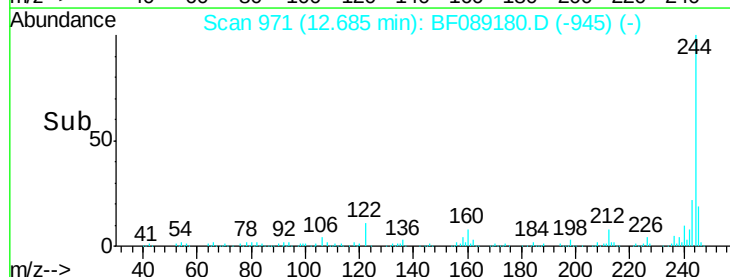
0

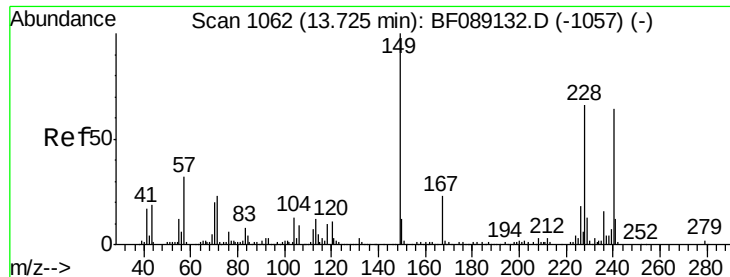
12.69

12.60

12.80

Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.15 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089180.D

Acq: 21 Jul 2016 15:12

Instrument :

BNA_F

ClientSampleId :

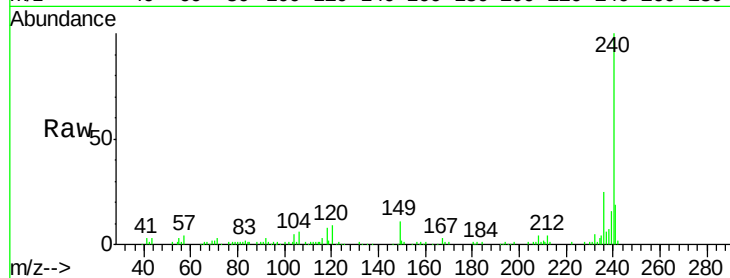
Tot Ion:149 Resp: 9830

Ion Ratio Lower Upper

149 100

167 25.0 18.6 28.0

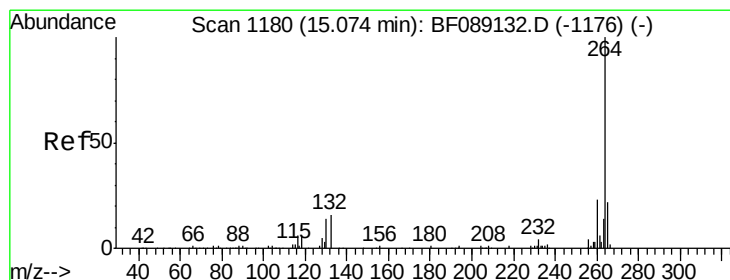
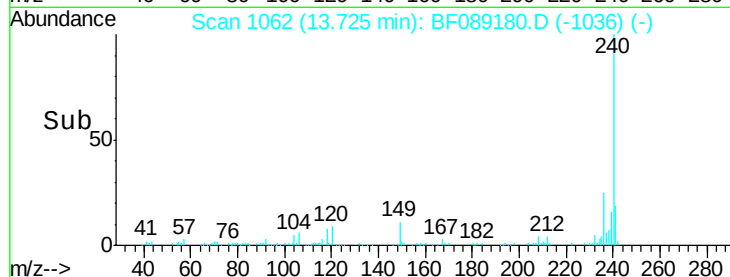
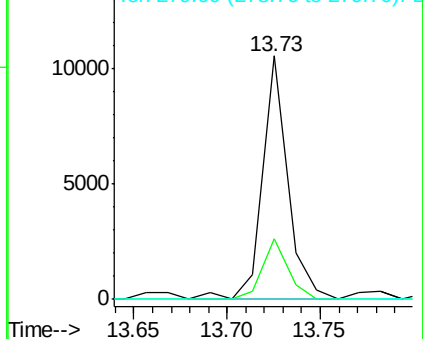
279 0.0 1.6 2.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF089180.D

Acq: 21 Jul 2016 15:12

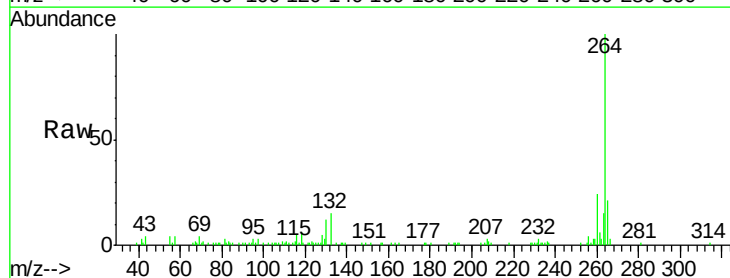
Tgt Ion:264 Resp: 82605

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 21.0 17.3 25.9



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

