

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
 Data File : BF088813.D
 Acq On : 8 Jul 2016 8:21
 Operator : UM/SJ
 Sample : H3897-16
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 08 12:04:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

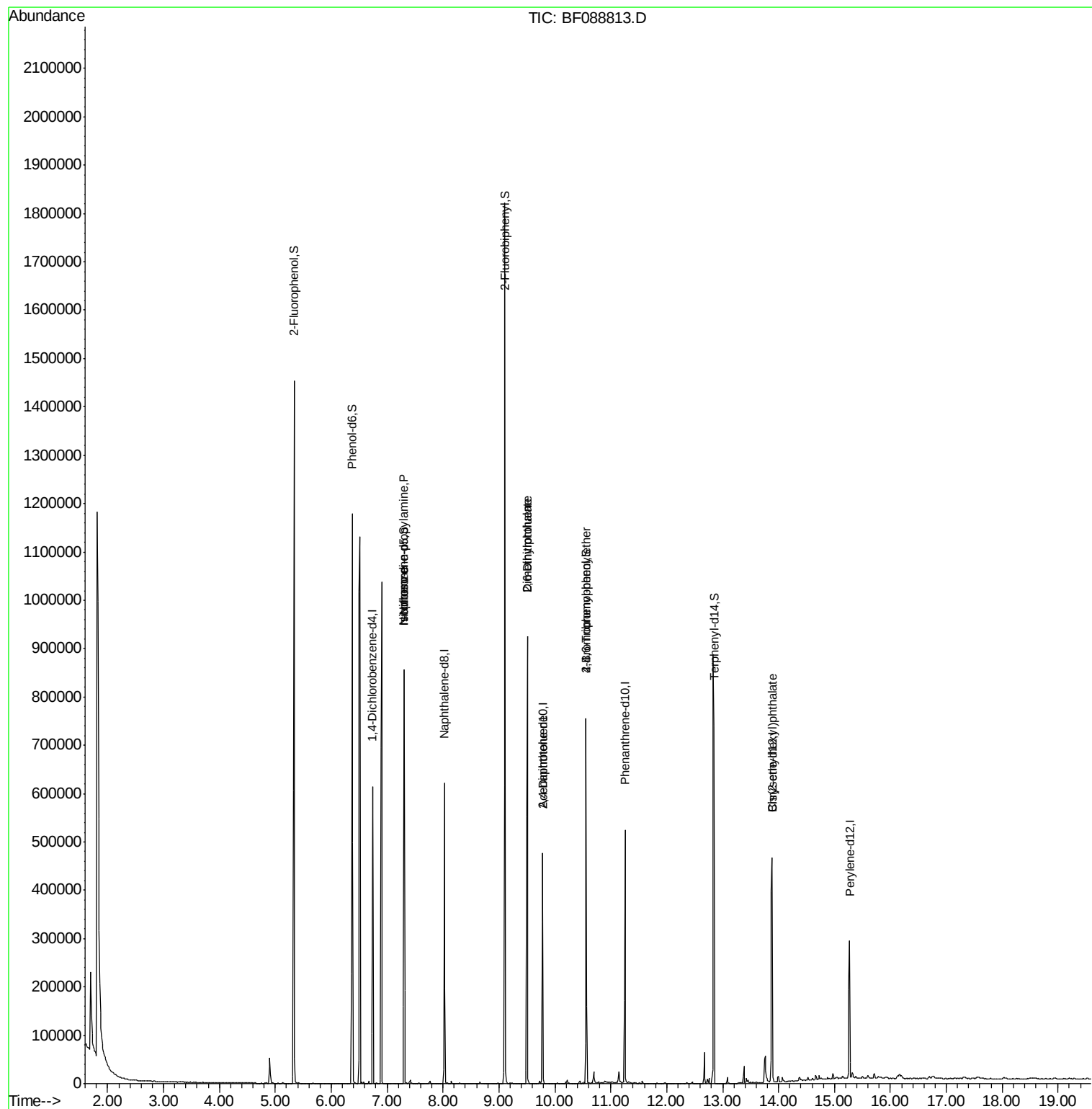
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	85089	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	291917	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	120792	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	194845	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	172360	20.00	ng	-0.03
86) Perylene-d12	15.27	264	131047	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	420498	74.06	ng	-0.03
7) Phenol-d6	6.38	99	499290	68.06	ng	-0.03
23) Nitrobenzene-d5	7.30	82	295806	53.10	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	78566	70.04	ng	-0.05
44) 2-Fluorobiphenyl	9.11	172	582405	76.16	ng	-0.03
78) Terphenyl-d14	12.85	244	381742	49.33	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	39504	8.02	ng	# 74
25) Isophorone	7.30	82	256171	24.83	ng	# 65
49) Dimethylphthalate	9.51	163	489189	56.85	ng	# 98
50) 2,6-Dinitrotoluene	9.51	165	5024	2.63	ng	# 21
56) 2,4-Dinitrotoluene	9.78	165	15206	6.10	ng	# 36
66) 4-Bromophenyl-phenylether	10.56	248	5476	2.79	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.89	149	54183	7.28	ng	# 98

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

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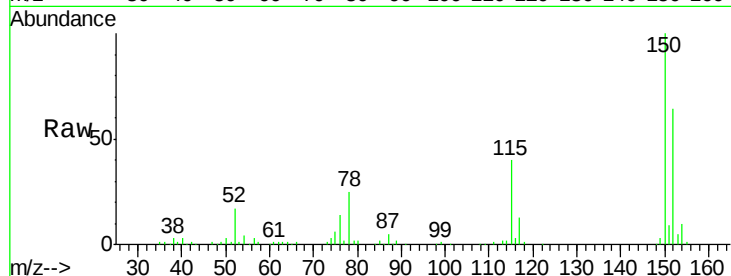


#1

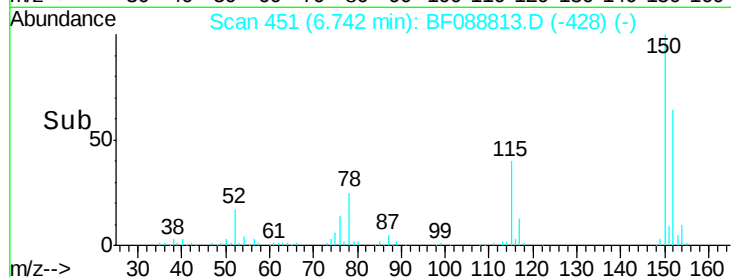
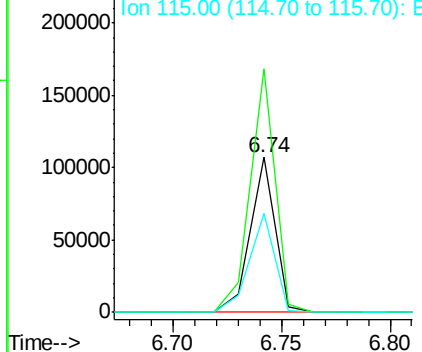
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF088813.D
Acq: 8 Jul 2016 8:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85089
Ion Ratio Lower Upper
152 100
150 157.2 123.8 185.6
115 63.5 39.6 59.4#



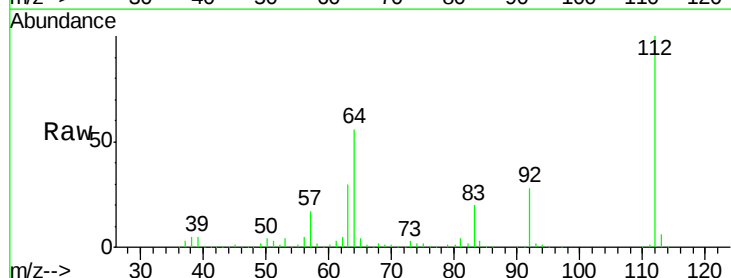
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



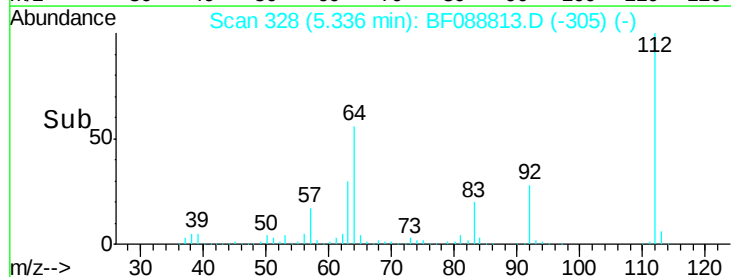
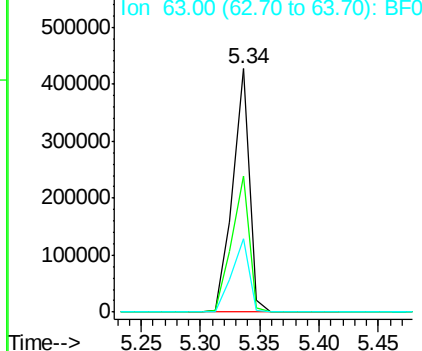
#5

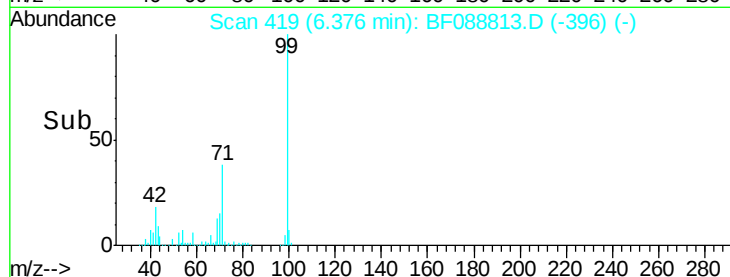
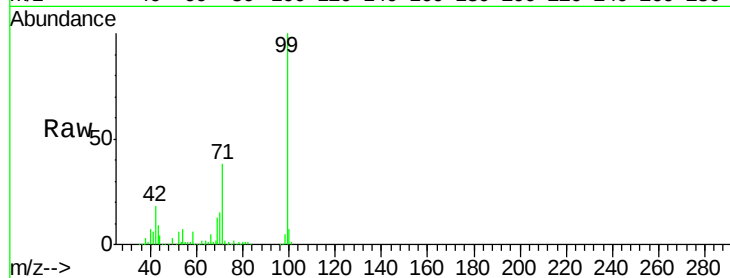
2-Fluorophenol
Concen: 74.06 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.03 min
Lab File: BF088813.D
Acq: 8 Jul 2016 8:21

Tgt Ion:112 Resp: 420498
Ion Ratio Lower Upper
112 100
64 56.0 42.2 63.2
63 30.1 21.8 32.8



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: 68.06 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF088813.D

Acq: 8 Jul 2016 8:21

Instrument :

BNA_F

ClientSampled :

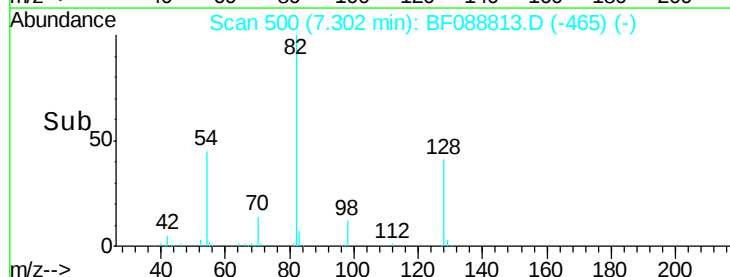
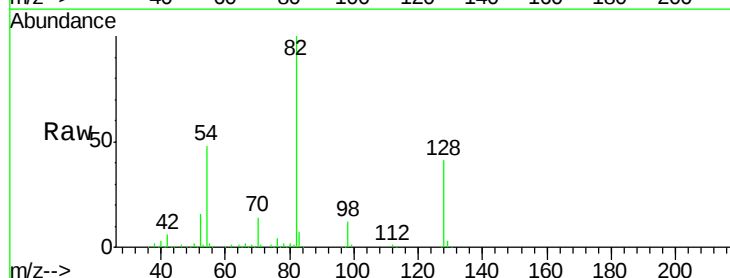
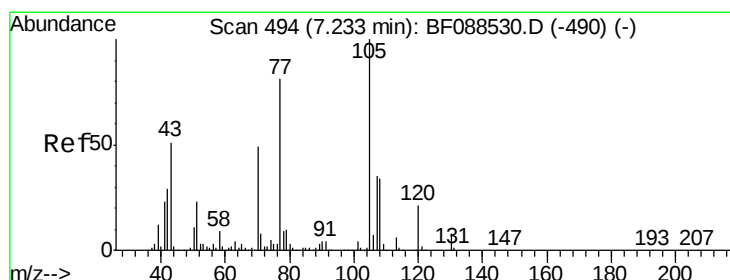
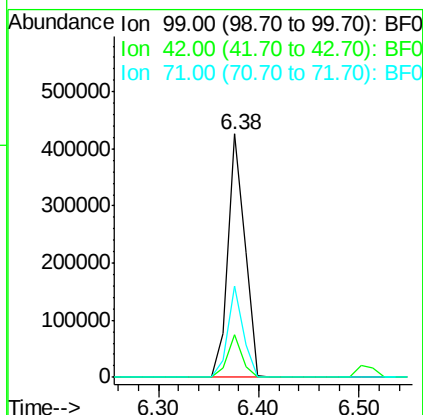
Tot Ion: 99 Resp: 499290

Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

71 37.5 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 8.02 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.10 min

Lab File: BF088813.D

Acq: 8 Jul 2016 8:21

Tgt Ion: 70 Resp: 39504

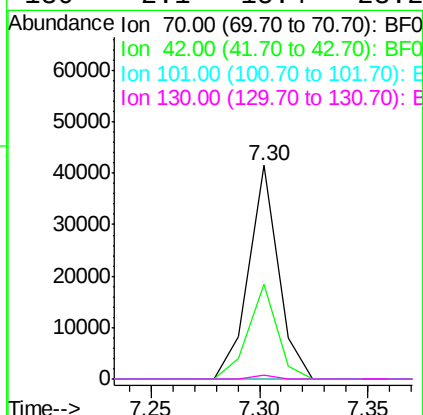
Ion Ratio Lower Upper

70 100

42 44.2 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 15.4 23.2#

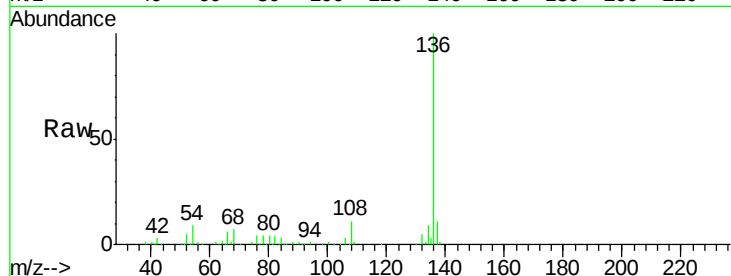




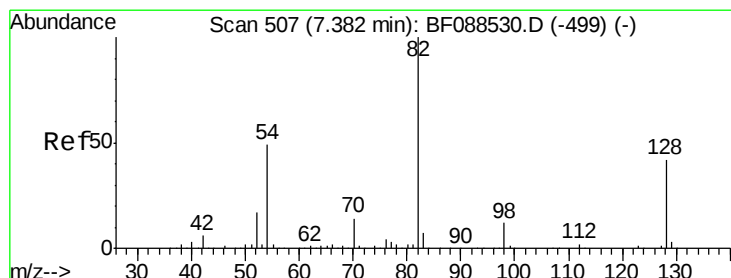
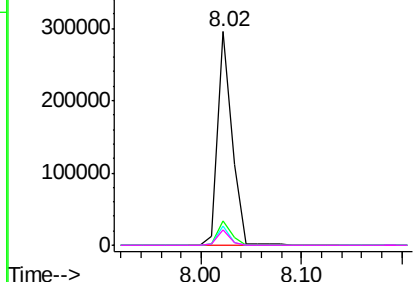
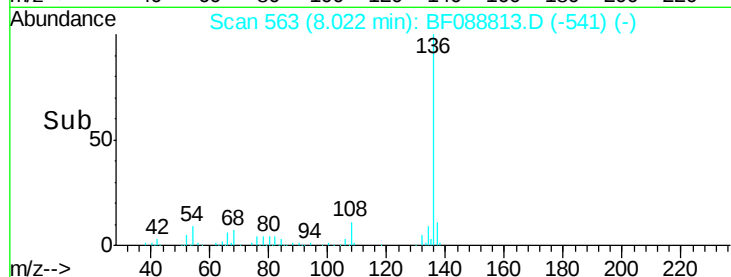
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.05 min
Lab File: BF088813.D
Acq: 8 Jul 2016 8:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	291917
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	8.9	6.6 10.0
68	7.1	5.1 7.7

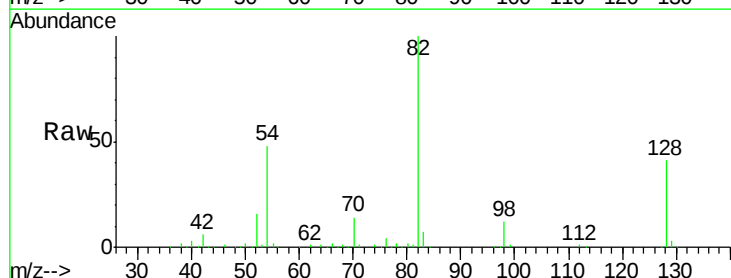


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

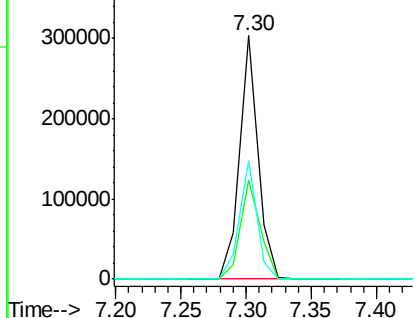
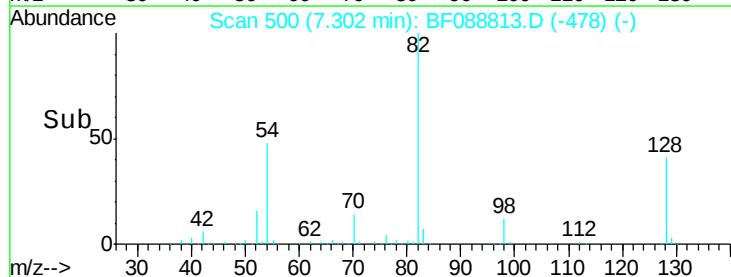


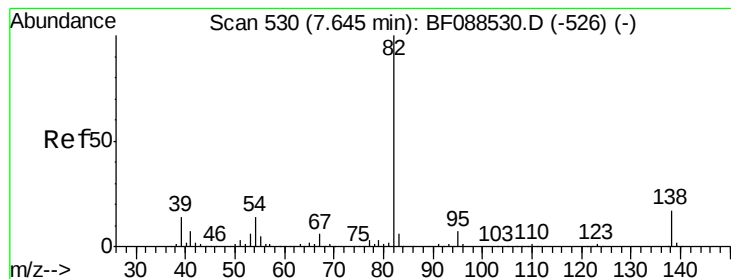
#23
Nitrobenzene-d5
Concen: 53.10 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.05 min
Lab File: BF088813.D
Acq: 8 Jul 2016 8:21

Tgt Ion: 82	Resp:	295806
Ion Ratio	Lower	Upper
82	100	
128	40.8	35.9 53.9
54	48.4	40.9 61.3



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: 24.83 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.31 min

Lab File: BF088813.D

Acq: 8 Jul 2016 8:21

Instrument :

BNA_F

ClientSampleId :

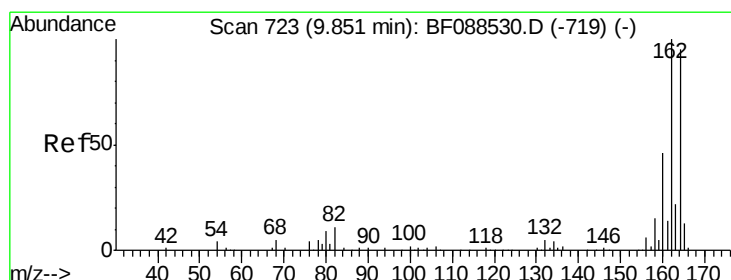
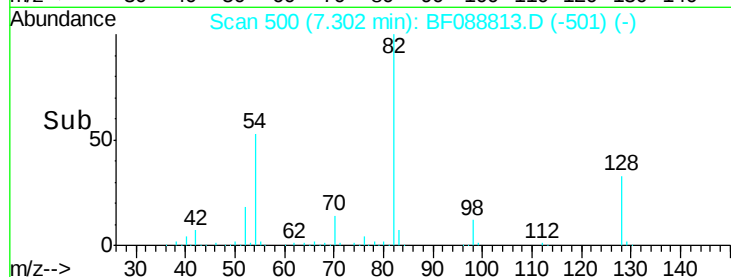
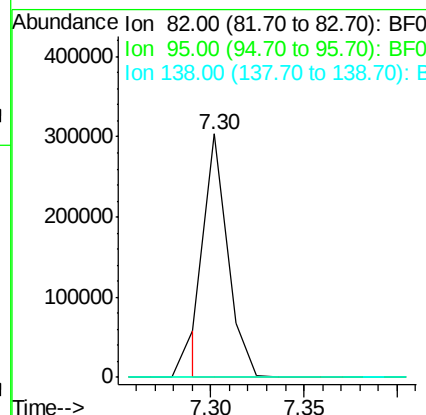
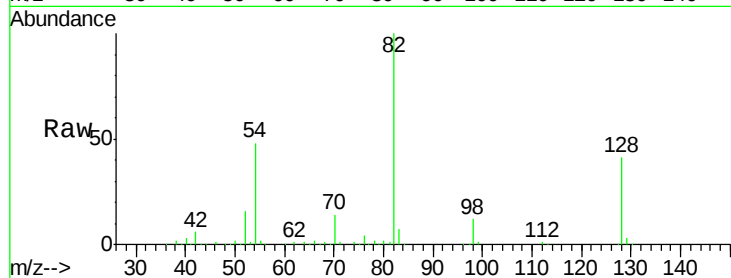
Tot Ion: 82 Resp: 256171

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF088813.D

Acq: 8 Jul 2016 8:21

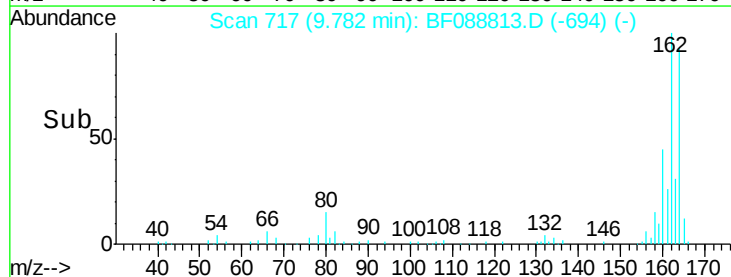
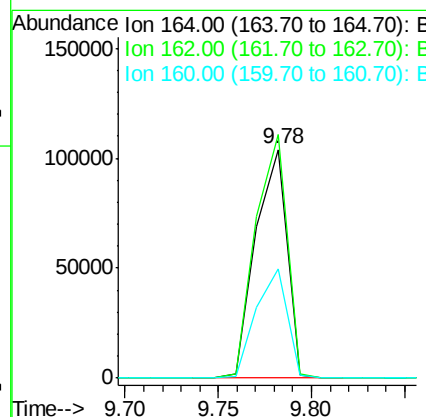
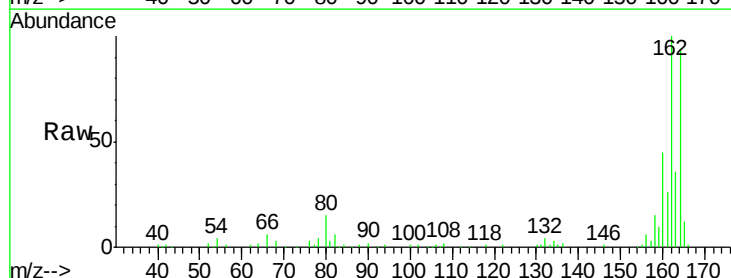
Tgt Ion: 164 Resp: 120792

Ion Ratio Lower Upper

164 100

162 106.7 85.4 128.2

160 48.1 39.5 59.3

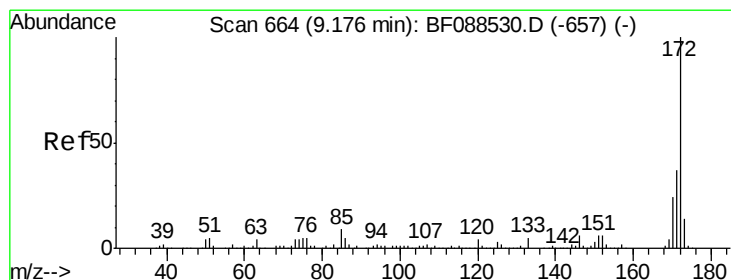
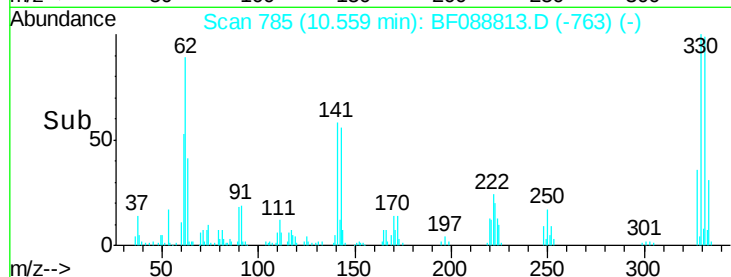
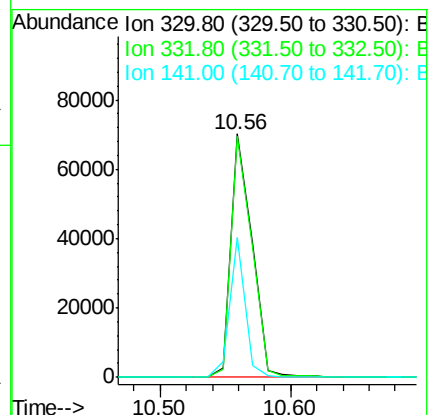
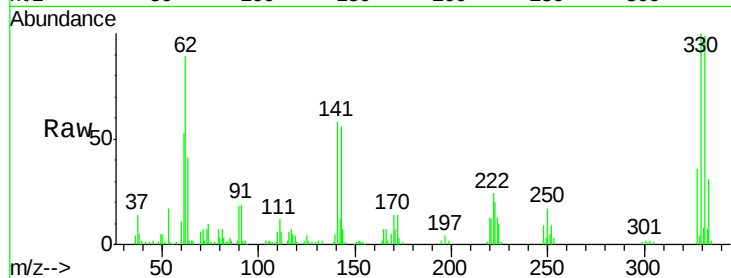




#41
 2,4,6-Tribromophenol
 Concen: 70.04 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF088813.D
 Acq: 8 Jul 2016 8:21

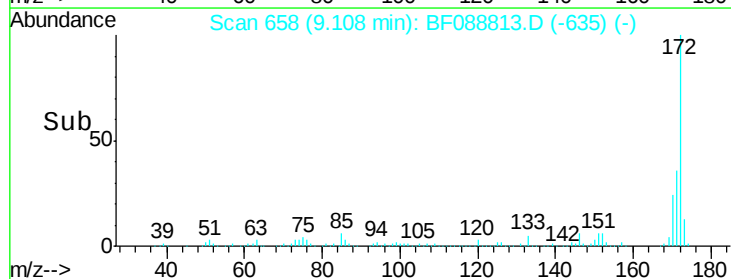
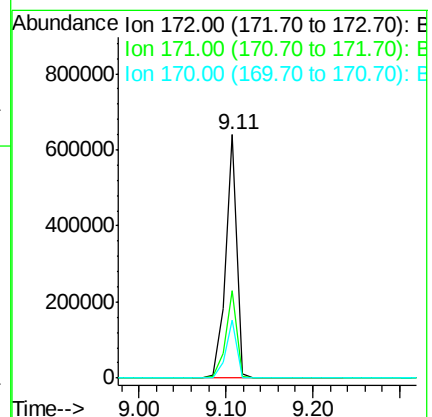
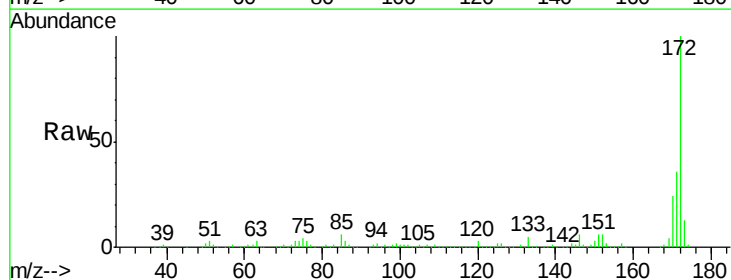
Instrument :
 BNA_F
 ClientSampleId :

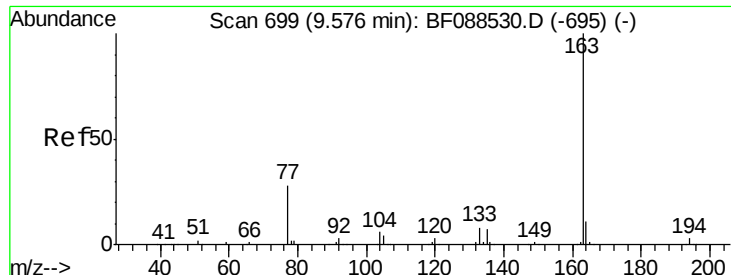
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	0.0	0.0#
141	43.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 76.16 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088813.D
 Acq: 8 Jul 2016 8:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.6	19.2	28.8

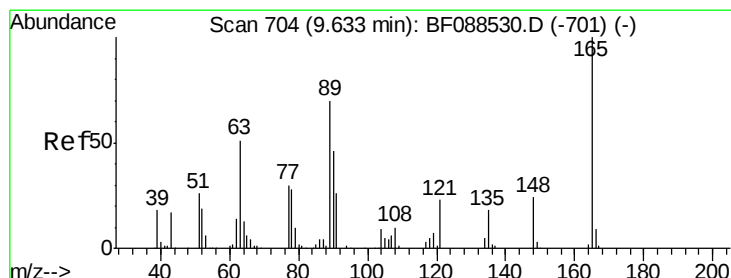
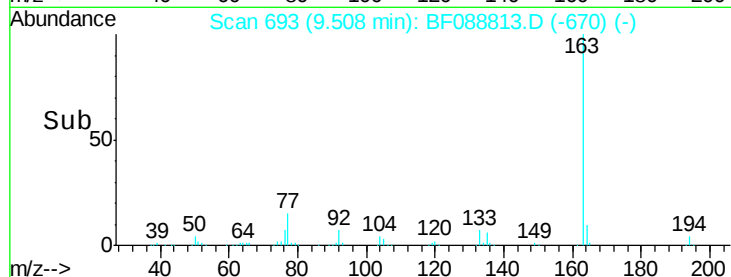
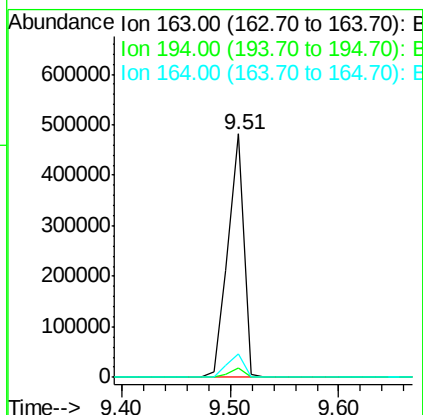
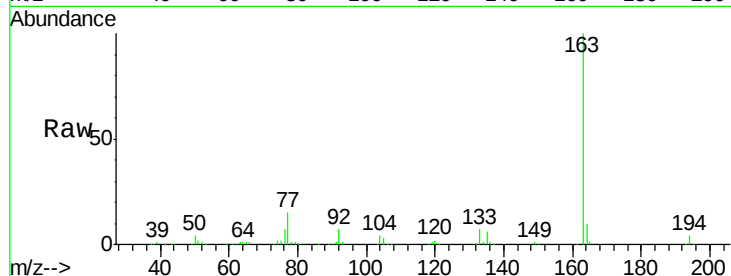




#49
Dimethylphthalate
Concen: 56.85 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF088813.D
Acq: 8 Jul 2016 8:21

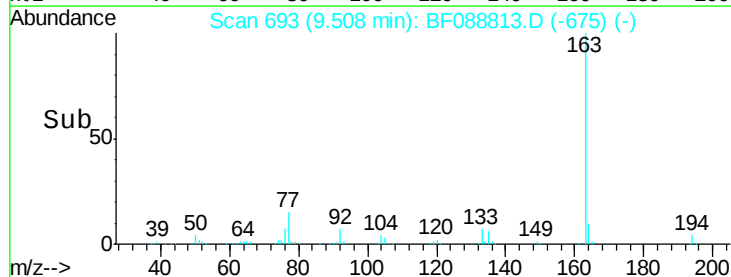
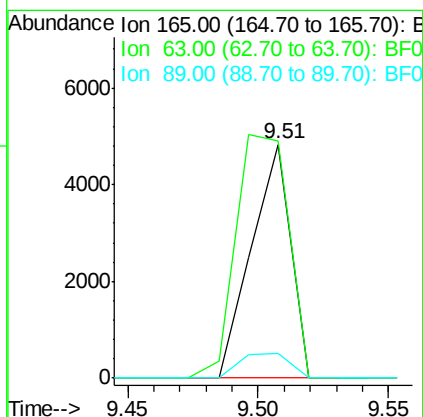
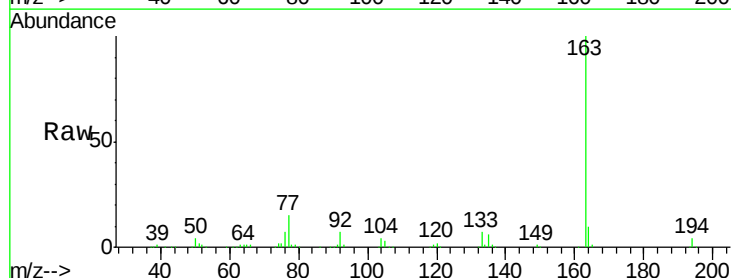
Instrument :
BNA_F
ClientSampleId :

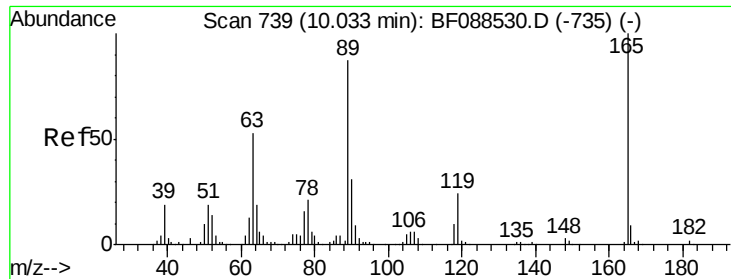
Tot Ion:163 Resp: 489189
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.6 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 2.63 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.09 min
Lab File: BF088813.D
Acq: 8 Jul 2016 8:21

Tgt Ion:165 Resp: 5024
Ion Ratio Lower Upper
165 100
63 101.2 28.1 42.1#
89 10.3 32.2 48.2#

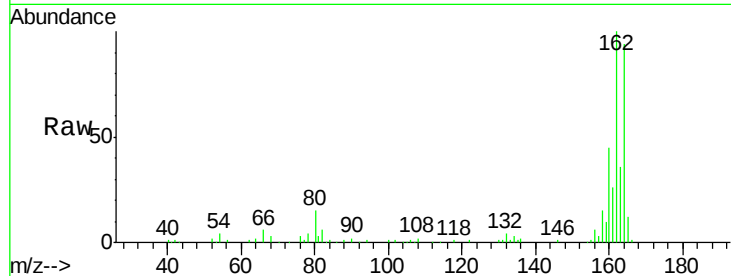




#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.22 min
 Lab File: BF088813.D
 Acq: 8 Jul 2016 8:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	15206
Ion Ratio	Lower	Upper	
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

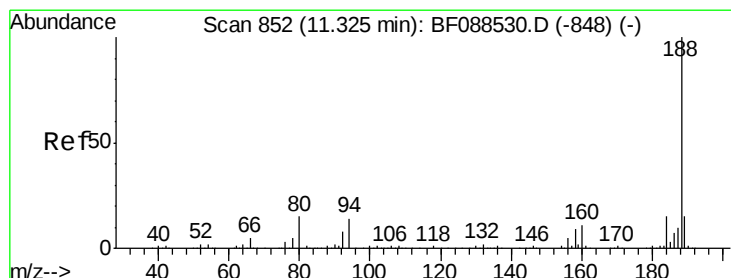
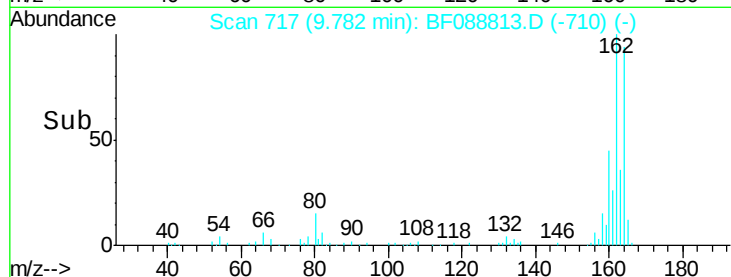
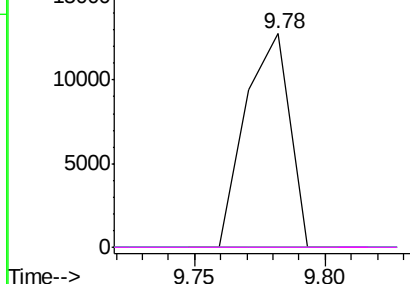


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

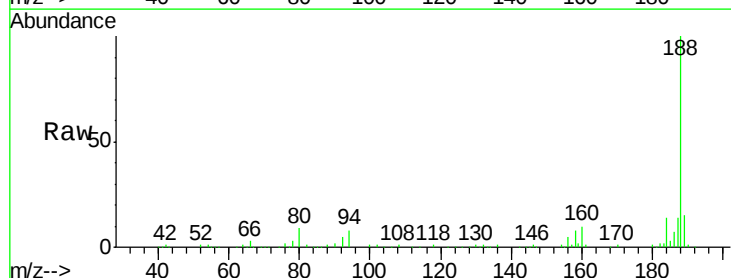
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BF088813.D
 Acq: 8 Jul 2016 8:21

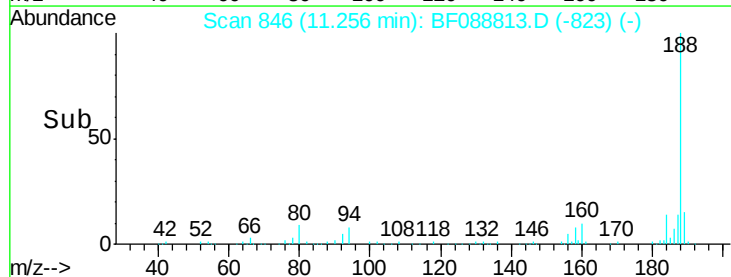
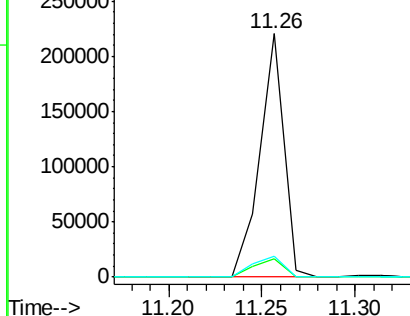
Tgt Ion:	188	Resp:	194845
Ion Ratio	Lower	Upper	
188	100		
94	7.8	9.0	13.6#
80	8.7	10.0	15.0#

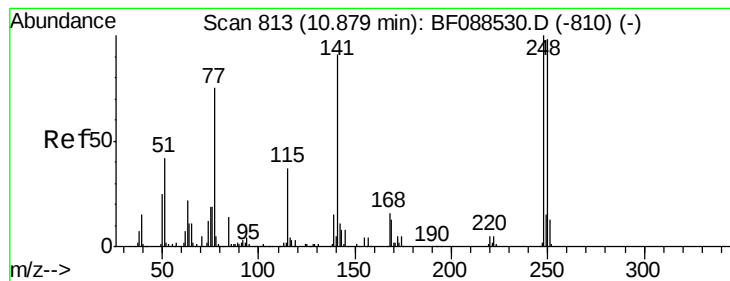


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.79 ng

RT: 10.56 min Scan# 785

Delta R.T. -0.29 min

Lab File: BF088813.D

Acq: 8 Jul 2016 8:21

Instrument :

BNA_F

ClientSampled :

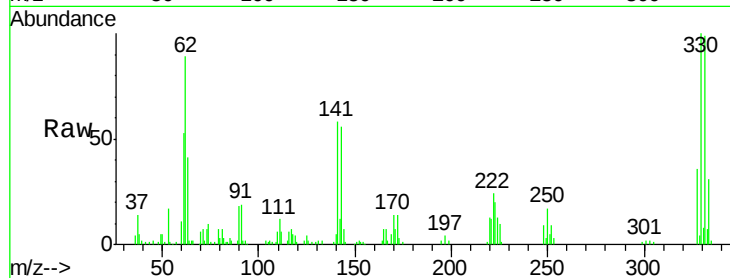
Tot Ion:248 Resp: 5476

Ion Ratio Lower Upper

248 100

250 199.5 77.1 115.7#

141 669.7 50.6 76.0#

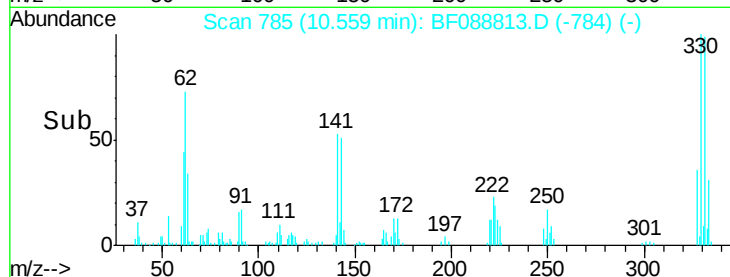


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

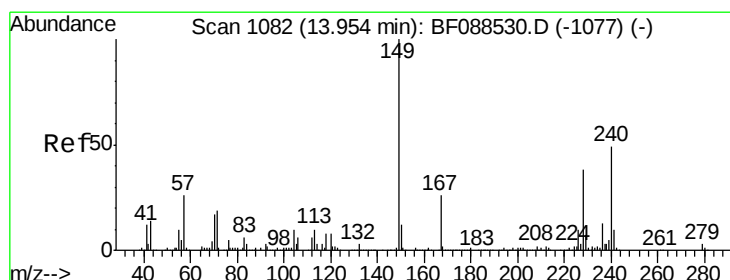
Ion 141.00 (140.70 to 141.70): E

Time-->



Abundance

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088813.D

Acq: 8 Jul 2016 8:21

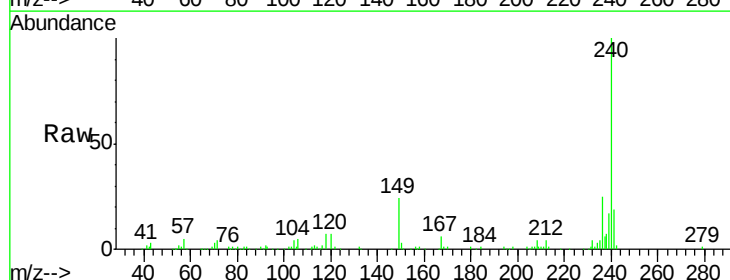
Tgt Ion:240 Resp: 172360

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

236 25.4 20.2 30.2

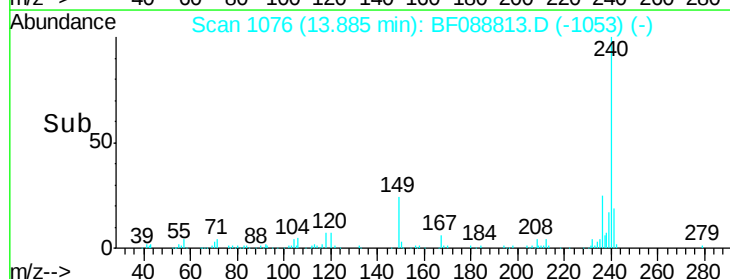


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Abundance

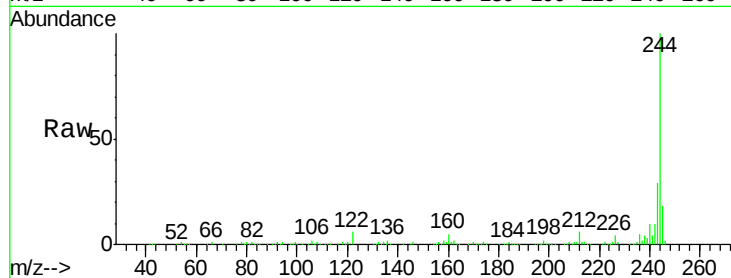
Time-->



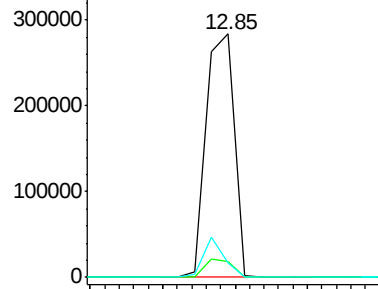
#78
 Terphenyl-d14
 Concen: 49.33 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF088813.D
 Acq: 8 Jul 2016 8:21

Instrument :
 BNA_F
 ClientSampleId :

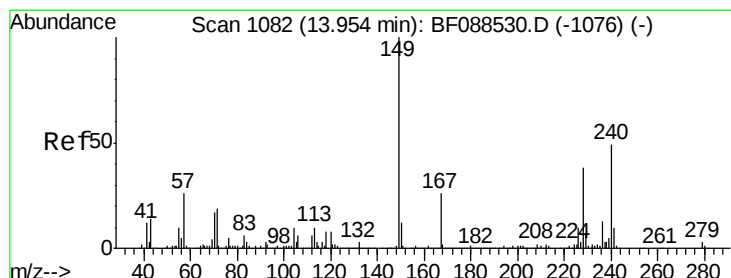
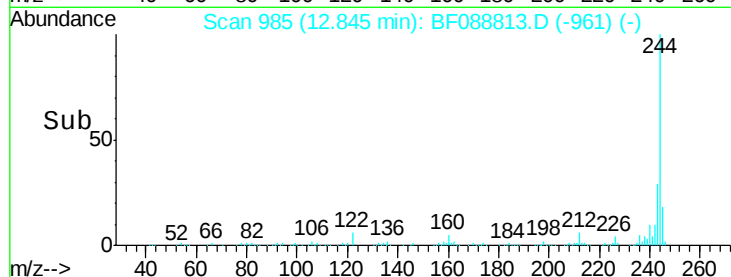
Tot Ion:244 Resp: 381742
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.0 9.0
 122 5.8 11.2 16.8#



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

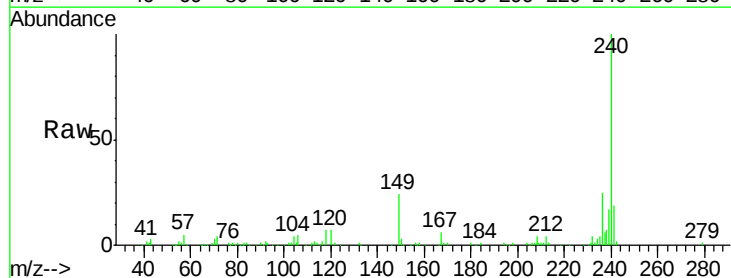


Time--> 12.75 12.80 12.85 12.90

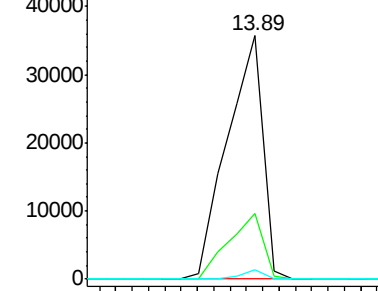


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.28 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF088813.D
 Acq: 8 Jul 2016 8:21

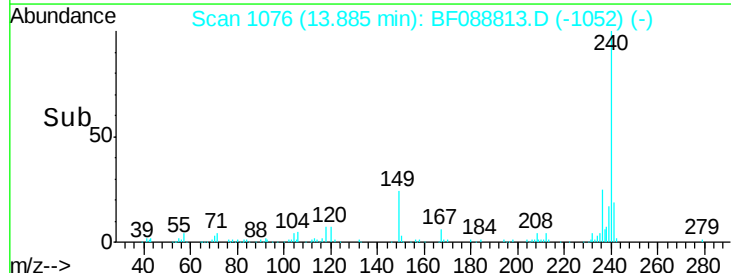
Tgt Ion:149 Resp: 54183
 Ion Ratio Lower Upper
 149 100
 167 26.8 20.5 30.7
 279 3.7 2.0 3.0#

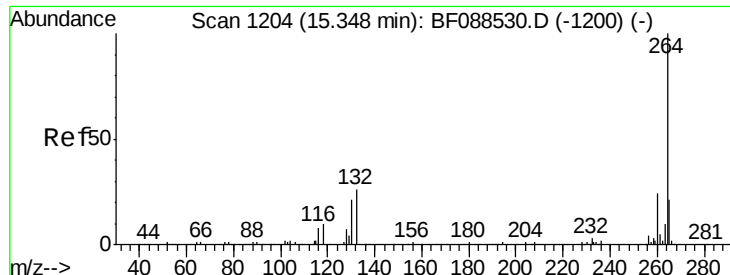


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



Time--> 13.80 13.85 13.90

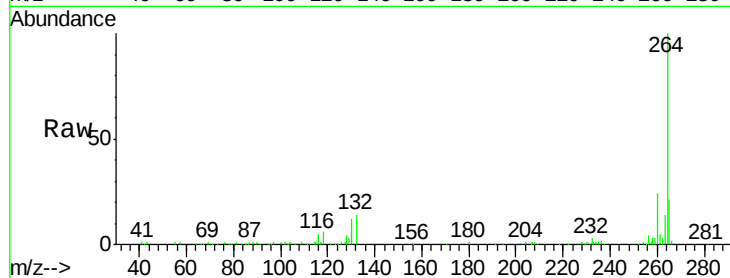




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1197
 Delta R.T. -0.03 min
 Lab File: BF088813.D
 Acq: 8 Jul 2016 8:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.6	19.2	28.8	
265	21.4	16.9	25.3	



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

