

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088582.D
 Acq On : 1 Jul 2016 18:45
 Operator : UM/SJ
 Sample : H3836-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1.1-02

Quant Time: Jul 02 02:17:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

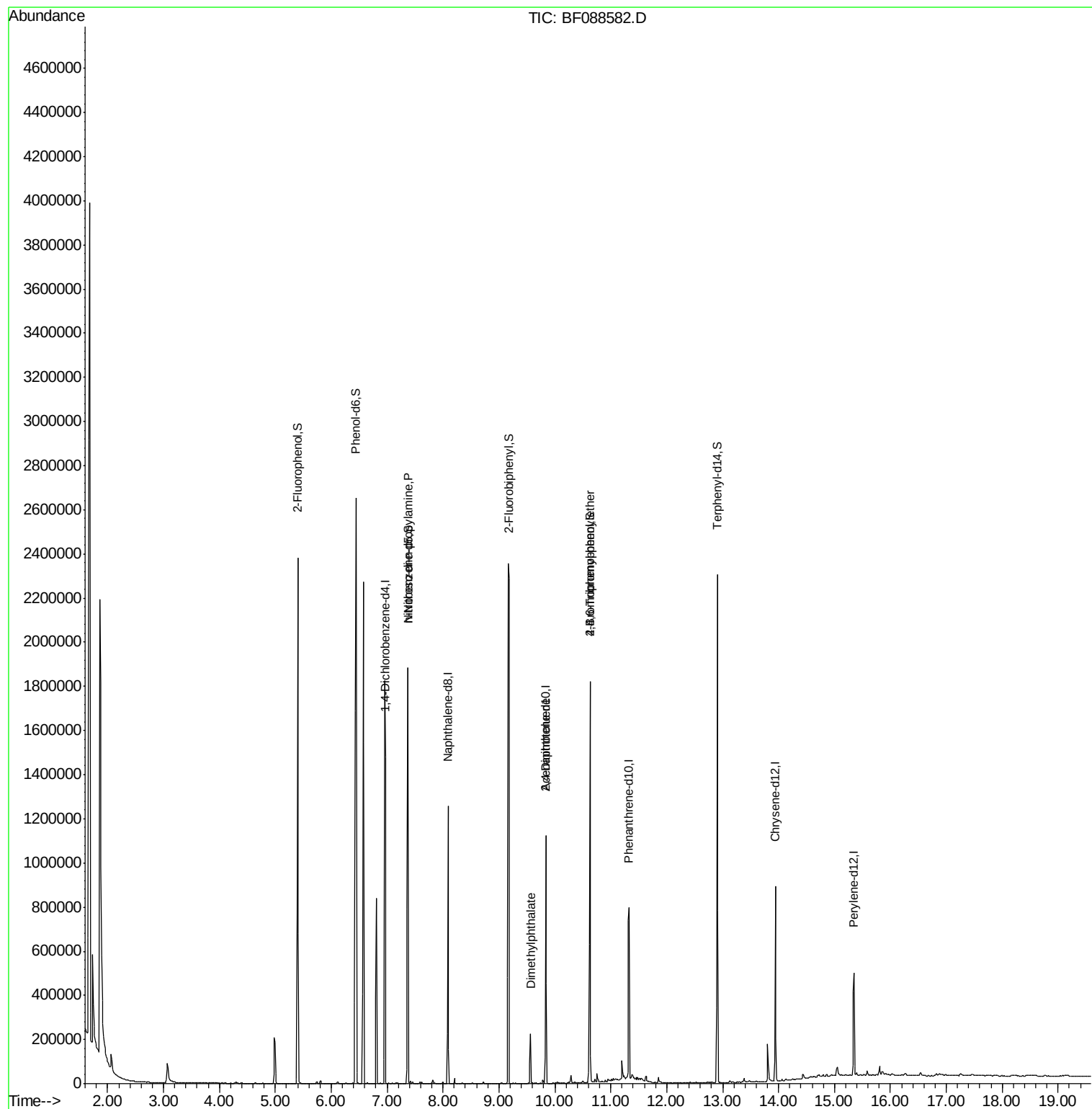
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	391093	20.00	ng	0.16
21) Naphthalene-d8	8.09	136	538634	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	235400	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	411378	20.00	ng	0.00
75) Chrysene-d12	13.94	240	262513	20.00	ng	-0.01
86) Perylene-d12	15.35	264	231765	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	773431	29.64	ng	0.00
7) Phenol-d6	6.44	99	1177432	34.92	ng	0.00
23) Nitrobenzene-d5	7.37	82	679423	66.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	194618	89.03	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1197861	80.38	ng	0.00
78) Terphenyl-d14	12.90	244	753131	63.90	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	93001	4.11	ng	# 73
49) Dimethylphthalate	9.56	163	102410	6.11	ng	98
56) 2,4-Dinitrotoluene	9.84	165	30050	6.18	ng	# 38
66) 4-Bromophenyl-phenylether	10.63	248	13677	3.30	ng	# 1

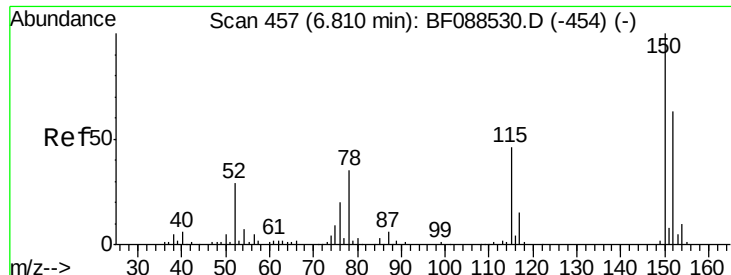
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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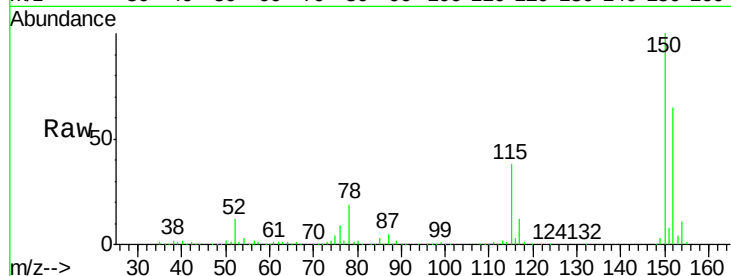


#1

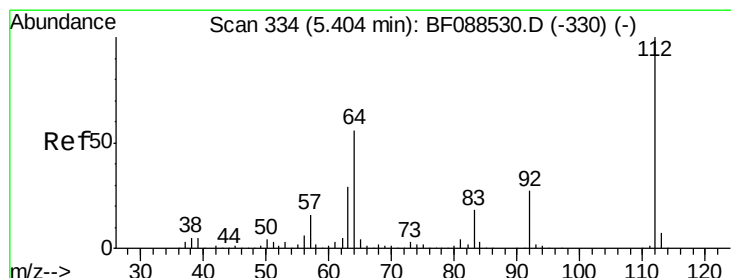
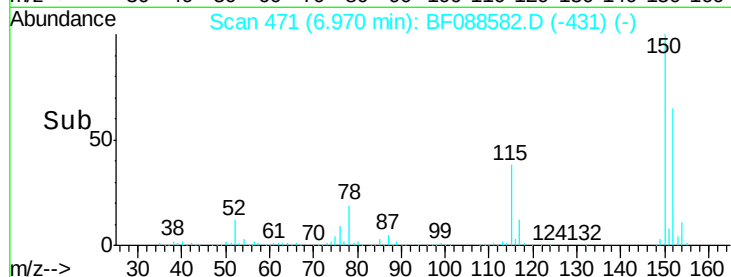
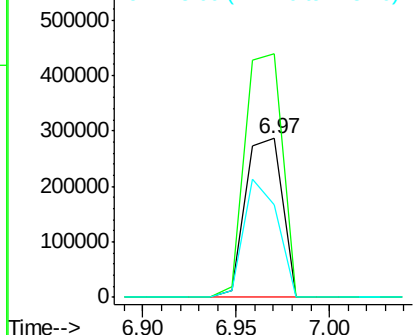
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.16 min
Lab File: BF088582.D
Acq: 1 Jul 2016 18:45

Instrument :
BNA_F
ClientSampleId :
C1.1-02

Tgt Ion:152 Resp: 391093
Ion Ratio Lower Upper
152 100
150 153.4 123.8 185.6
115 58.2 39.6 59.4



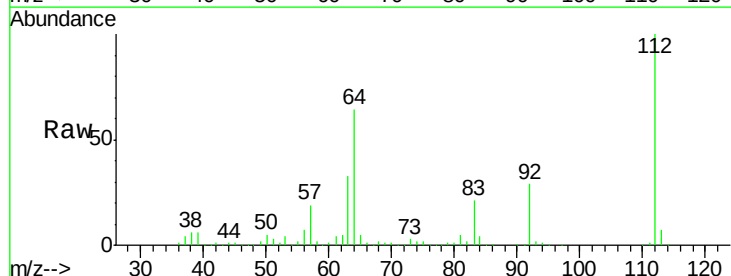
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



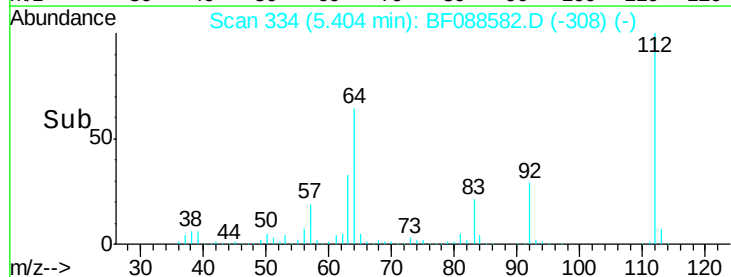
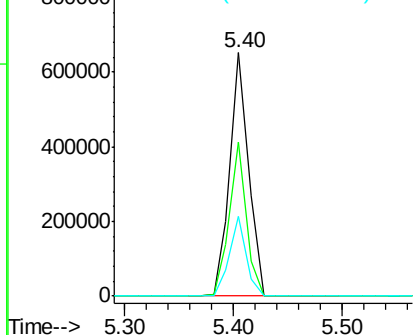
#5

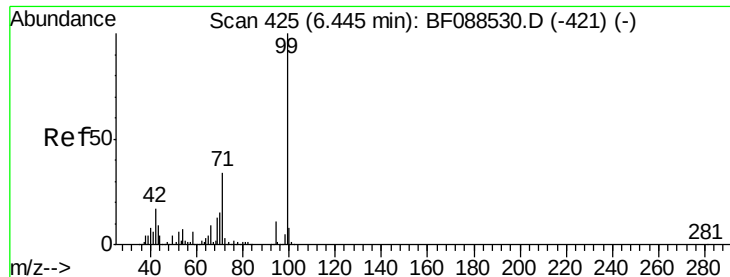
2-Fluorophenol
Concen: 29.64 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.00 min
Lab File: BF088582.D
Acq: 1 Jul 2016 18:45

Tgt Ion:112 Resp: 773431
Ion Ratio Lower Upper
112 100
64 63.5 42.2 63.2#
63 32.5 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: 34.92 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088582.D

Acq: 1 Jul 2016 18:45

Instrument :

BNA_F

ClientSampleId :

C1.1-02

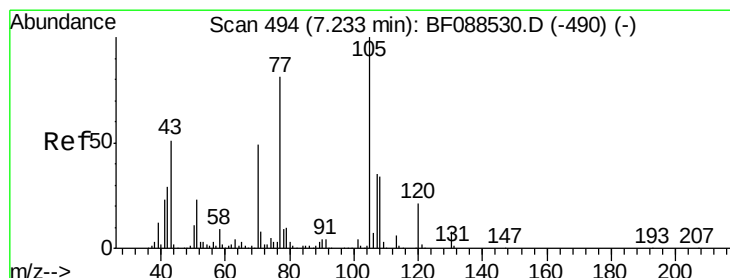
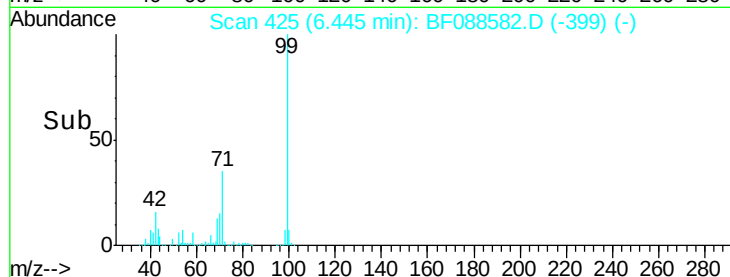
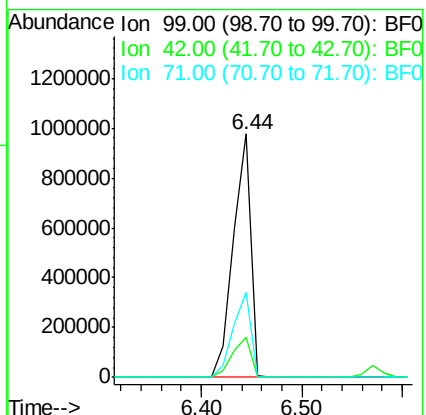
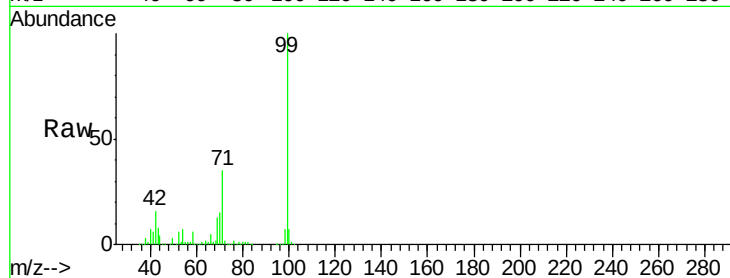
Tgt Ion: 99 Resp: 1177432

Ion Ratio Lower Upper

99 100

42 16.3 12.2 18.2

71 34.8 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 4.11 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF088582.D

Acq: 1 Jul 2016 18:45

Tgt Ion: 70 Resp: 93001

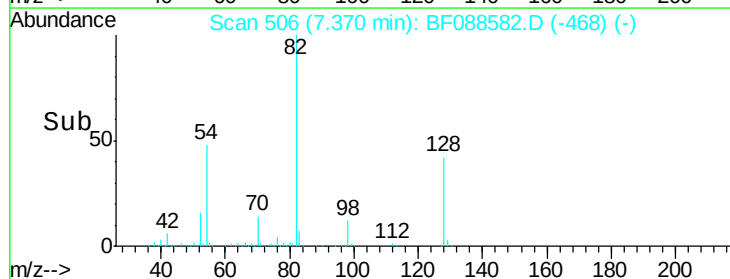
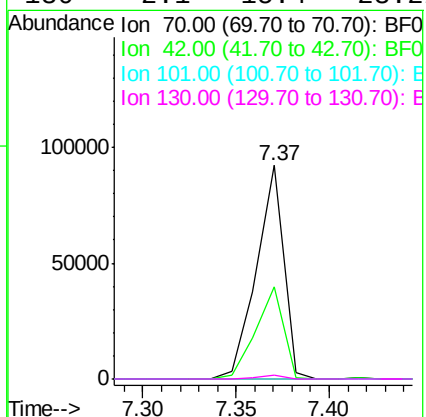
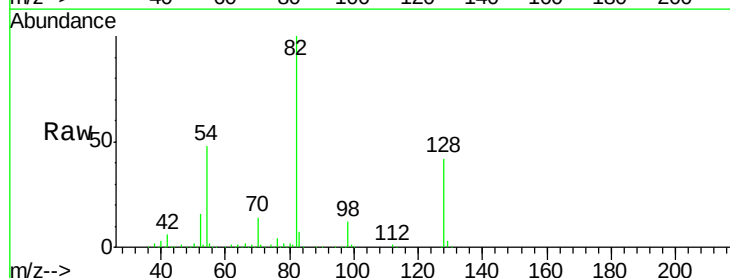
Ion Ratio Lower Upper

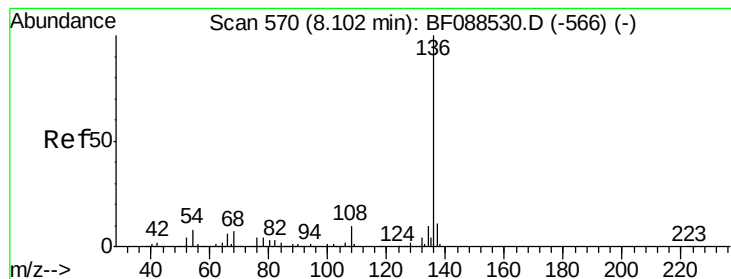
70 100

42 43.5 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: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088582.D

Acq: 1 Jul 2016 18:45

Instrument :

BNA_F

ClientSampleId :

C1.1-02

Tgt Ion: 136 Resp: 538634

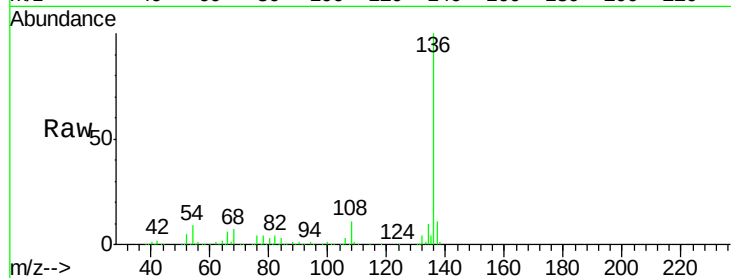
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.8 6.6 10.0

68 7.4 5.1 7.7

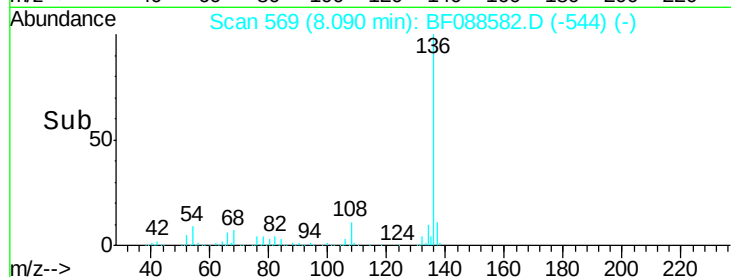


Abundance Ion 136.00 (135.70 to 136.70): E

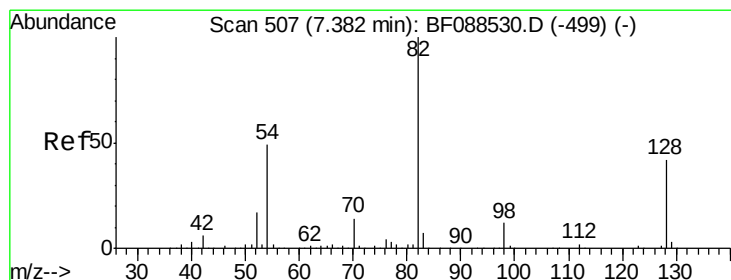
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.05 8.10 8.15



#23

Nitrobenzene-d5

Concen: 66.10 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF088582.D

Acq: 1 Jul 2016 18:45

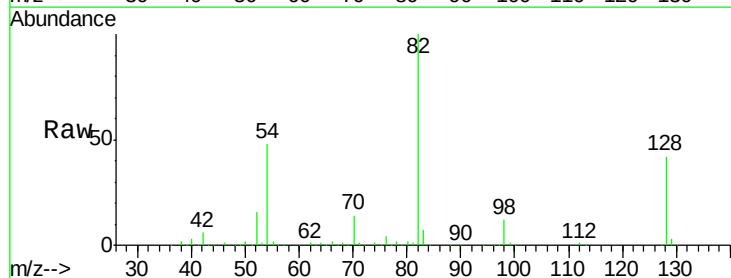
Tgt Ion: 82 Resp: 679423

Ion Ratio Lower Upper

82 100

128 41.6 35.9 53.9

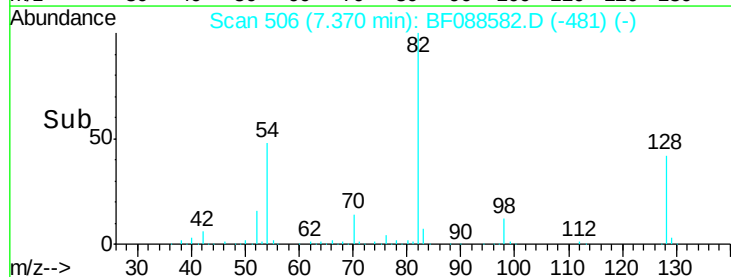
54 48.4 40.9 61.3



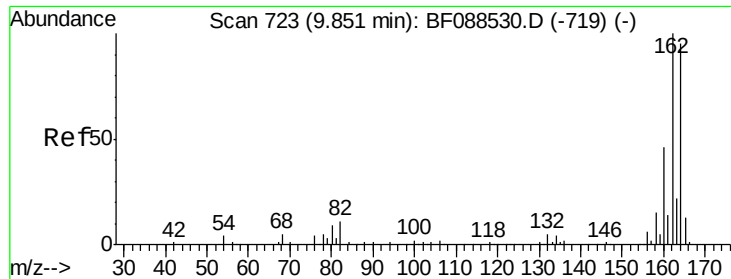
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time--> 7.30 7.35 7.40 7.45



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088582.D

Acq: 1 Jul 2016 18:45

Instrument :

BNA_F

ClientSampleId :

C1.1-02

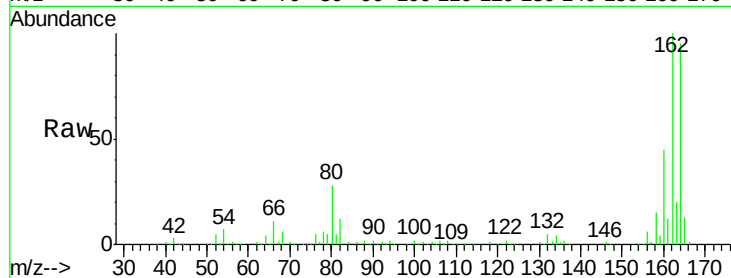
Tgt Ion:164 Resp: 235400

Ion Ratio Lower Upper

164 100

162 104.7 85.4 128.2

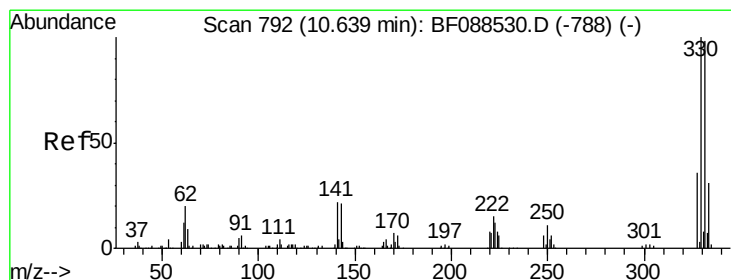
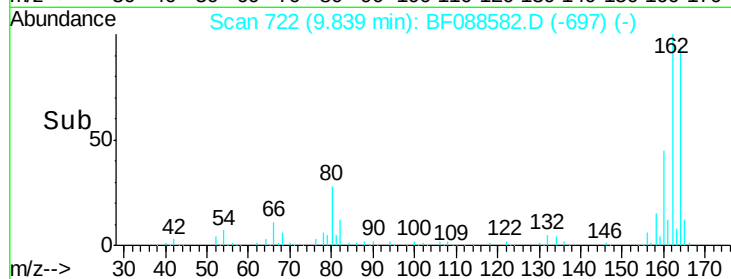
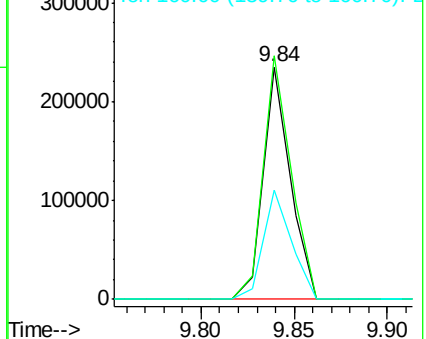
160 47.2 39.5 59.3



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: 89.03 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF088582.D

Acq: 1 Jul 2016 18:45

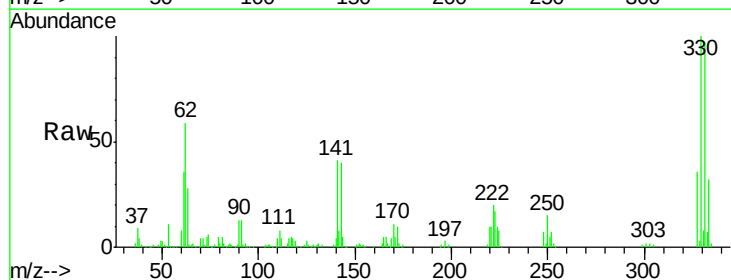
Tgt Ion:330 Resp: 194618

Ion Ratio Lower Upper

330 100

332 97.3 0.0 0.0#

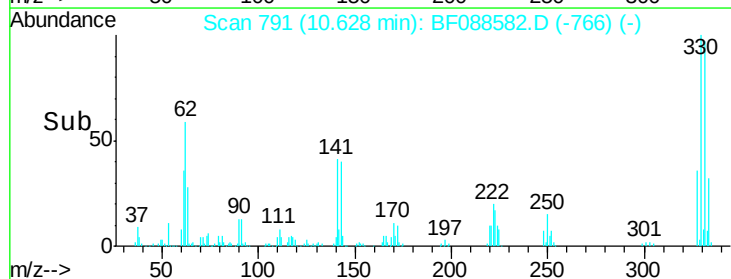
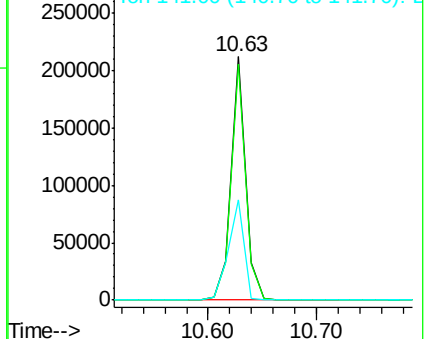
141 44.4 0.0 0.0#

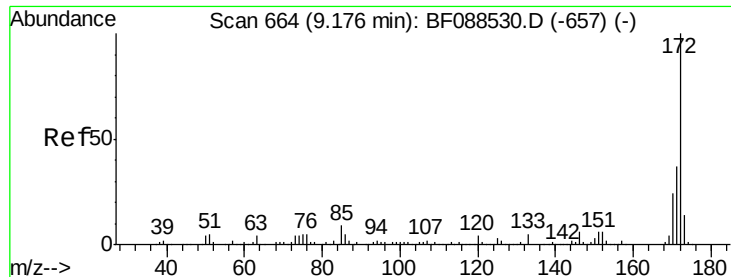


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

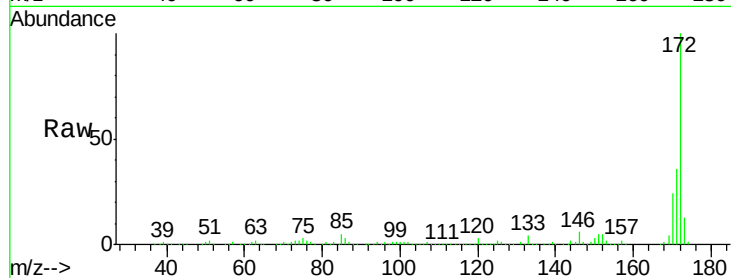




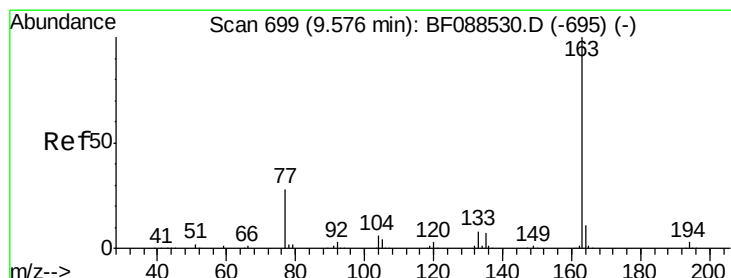
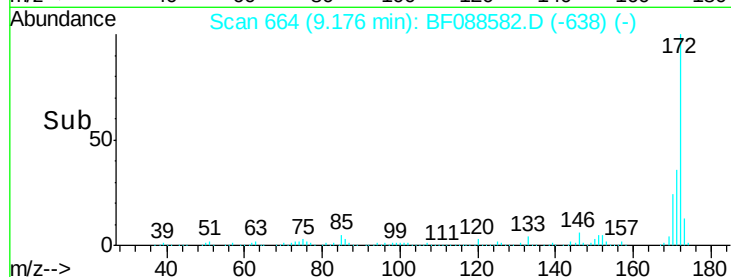
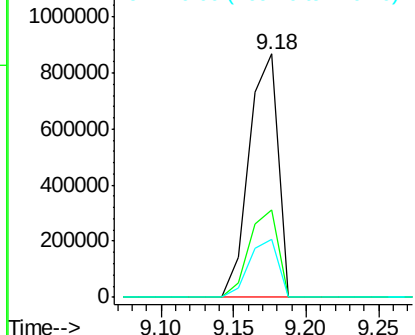
#44
2-Fluorobiphenyl
Concen: 80.38 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF088582.D
Acq: 1 Jul 2016 18:45

Instrument :
BNA_F
ClientSampleId :
C1.1-02

Tgt Ion:172 Resp: 1197861
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.9 19.2 28.8

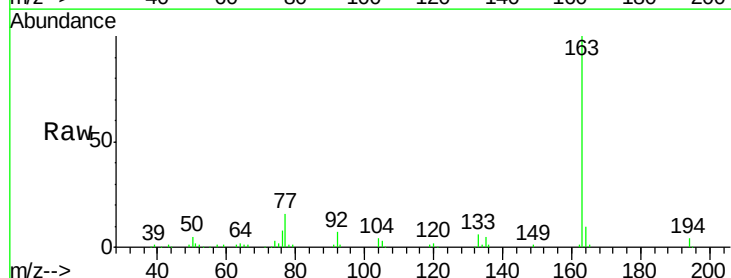


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

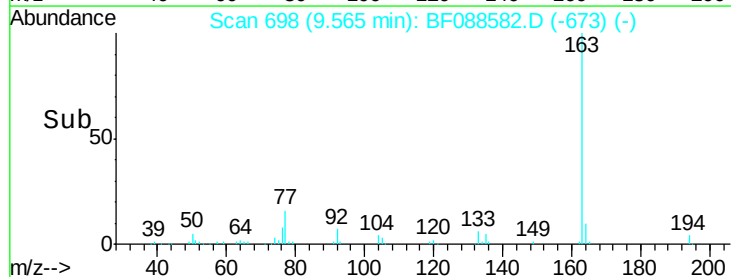
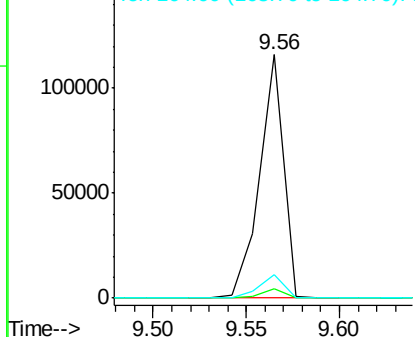


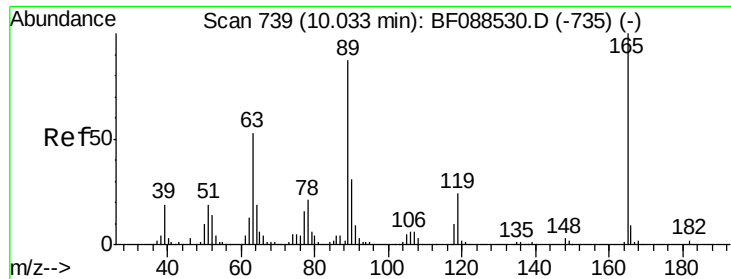
#49
Dimethylphthalate
Concen: 6.11 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088582.D
Acq: 1 Jul 2016 18:45

Tgt Ion:163 Resp: 102410
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.7 8.3 12.5



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

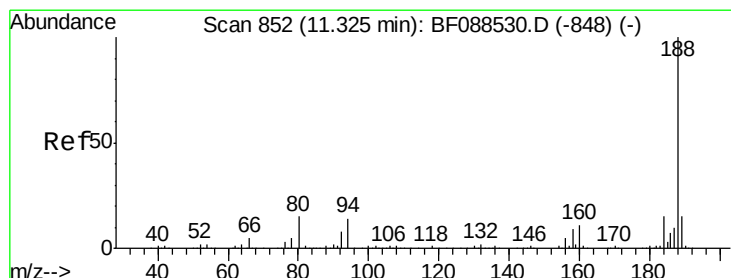
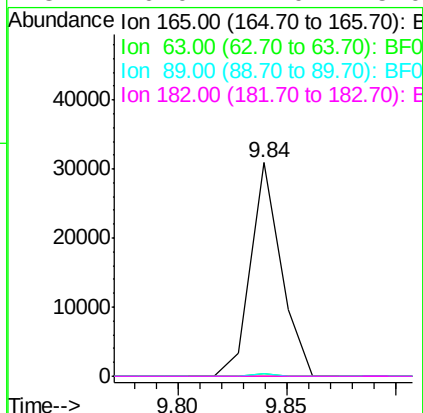
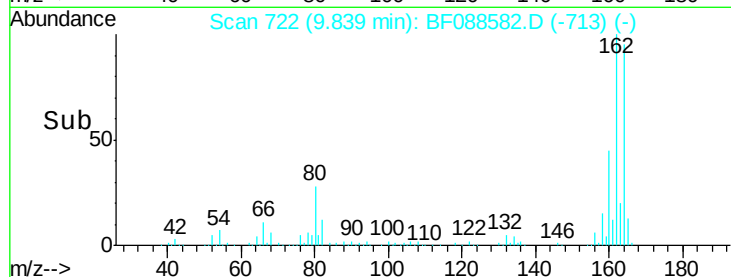
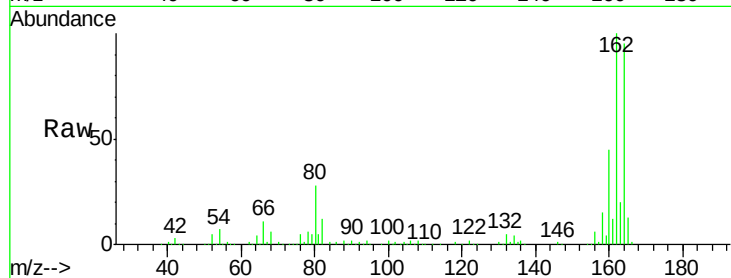




#56
 2,4-Dinitrotoluene
 Concen: 6.18 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.19 min
 Lab File: BF088582.D
 Acq: 1 Jul 2016 18:45

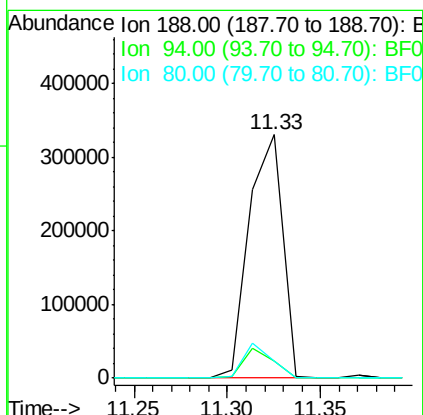
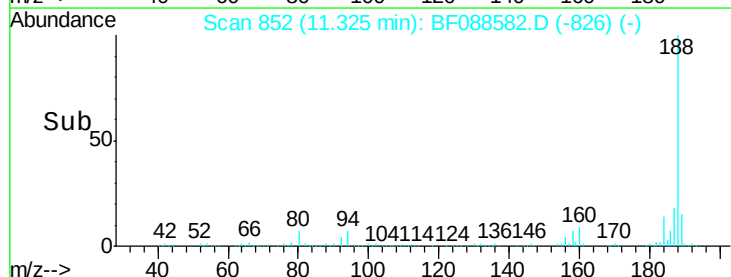
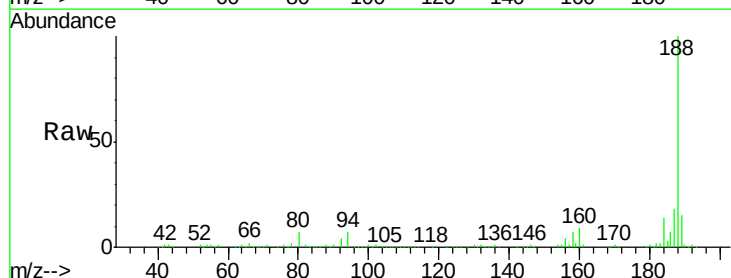
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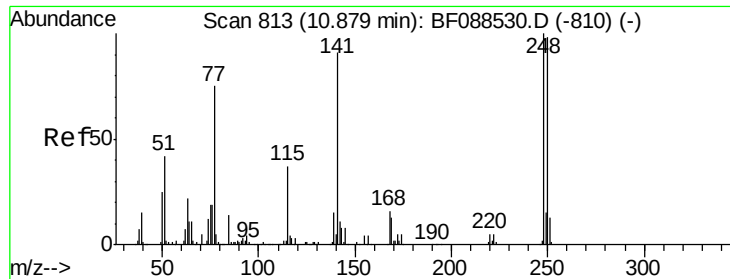
Tgt Ion:	165	Resp:	30050
Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF088582.D
 Acq: 1 Jul 2016 18:45

Tgt Ion:	188	Resp:	411378
Ion	Ratio	Lower	Upper
188	100		
94	7.1	9.0	13.6#
80	7.2	10.0	15.0#

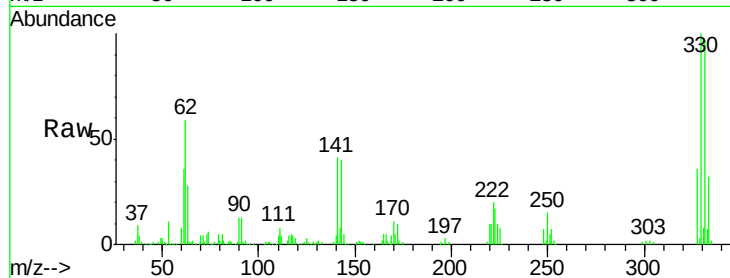




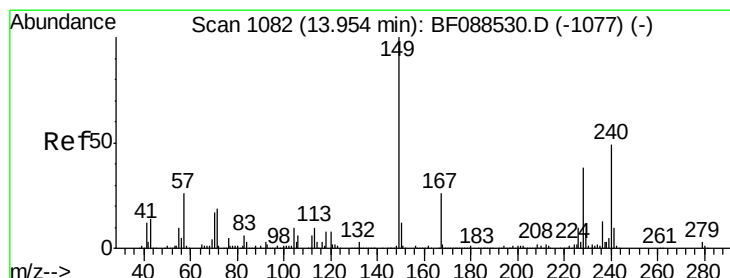
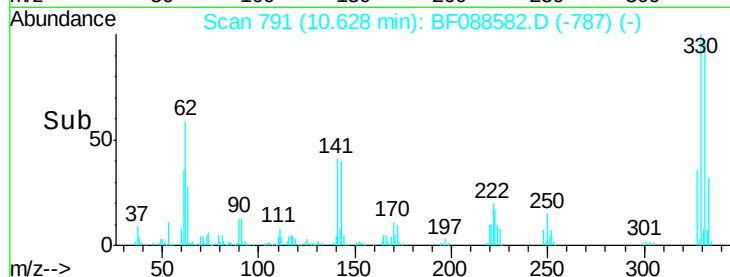
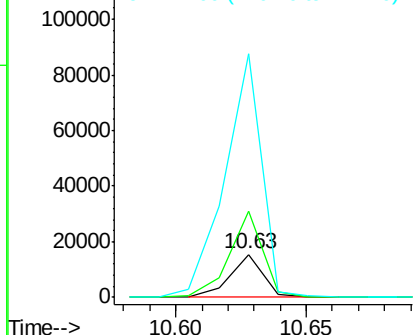
#66
 4-Bromophenyl-phenylether
 Concen: 3.30 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.25 min
 Lab File: BF088582.D
 Acq: 1 Jul 2016 18:45

Instrument :
 BNA_F
 ClientSampled :
 C1.1-02

Tgt Ion:248 Resp: 13677
 Ion Ratio Lower Upper
 248 100
 250 201.2 77.1 115.7#
 141 565.1 50.6 76.0#

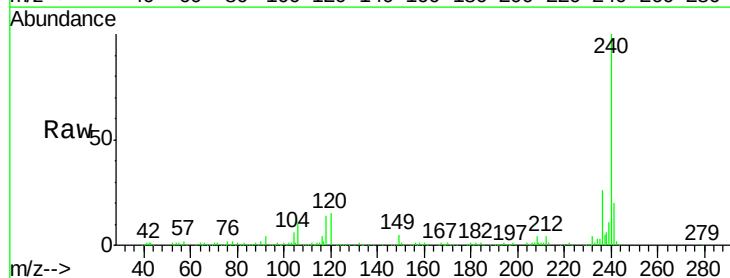


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

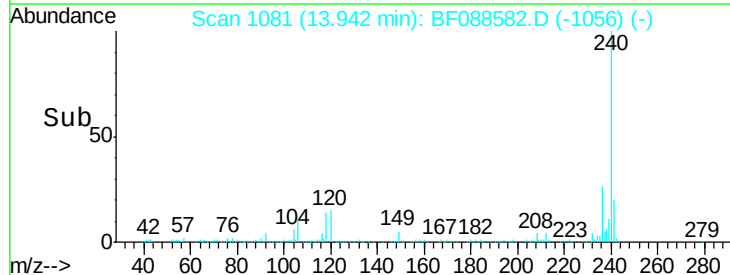
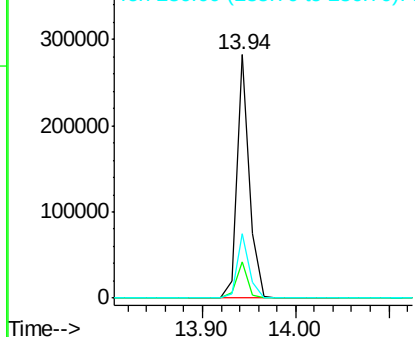


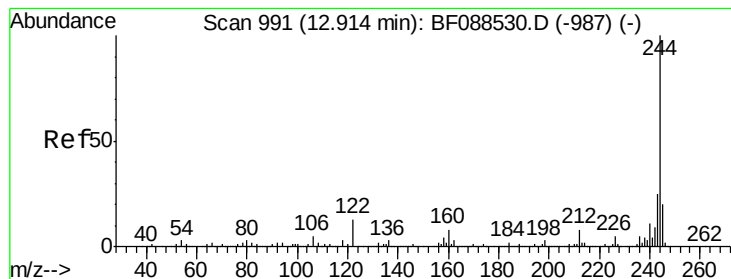
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF088582.D
 Acq: 1 Jul 2016 18:45

Tgt Ion:240 Resp: 262513
 Ion Ratio Lower Upper
 240 100
 120 14.7 6.8 10.2#
 236 26.2 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





#78

Terphenyl-d14

Concen: 63.90 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF088582.D

Acq: 1 Jul 2016 18:45

Instrument :

BNA_F

ClientSampleId :

C1.1-02

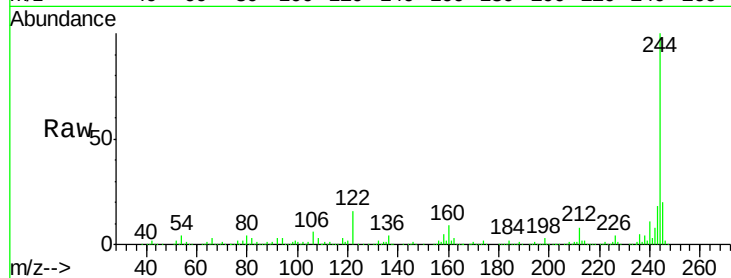
Tgt Ion:244 Resp: 753131

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

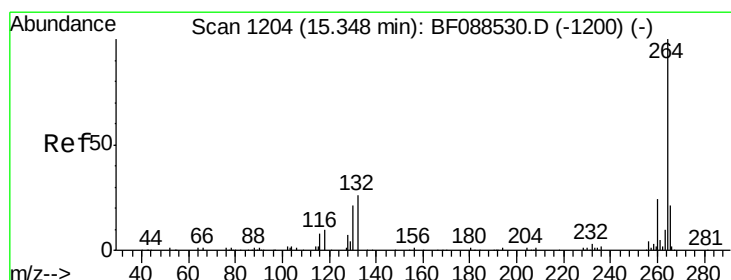
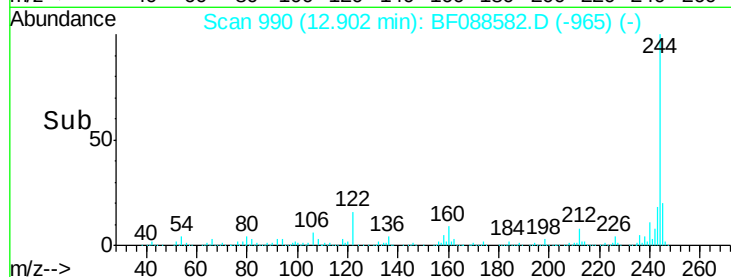
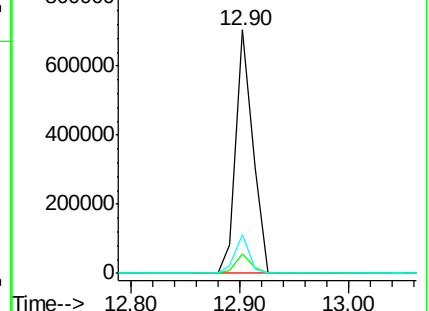
122 16.1 11.2 16.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF088582.D

Acq: 1 Jul 2016 18:45

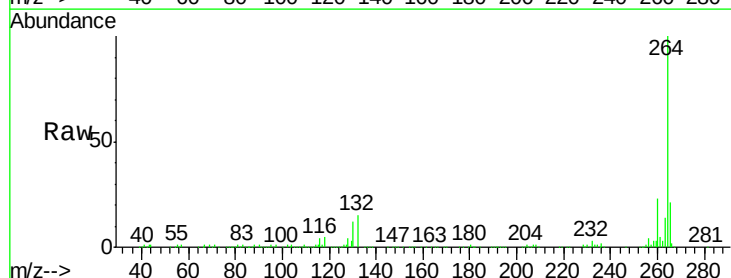
Tgt Ion:264 Resp: 231765

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.0 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

