

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088584.D
 Acq On : 1 Jul 2016 19:44
 Operator : UM/SJ
 Sample : H3836-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1.1-04

Quant Time: Jul 02 02:17:23 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

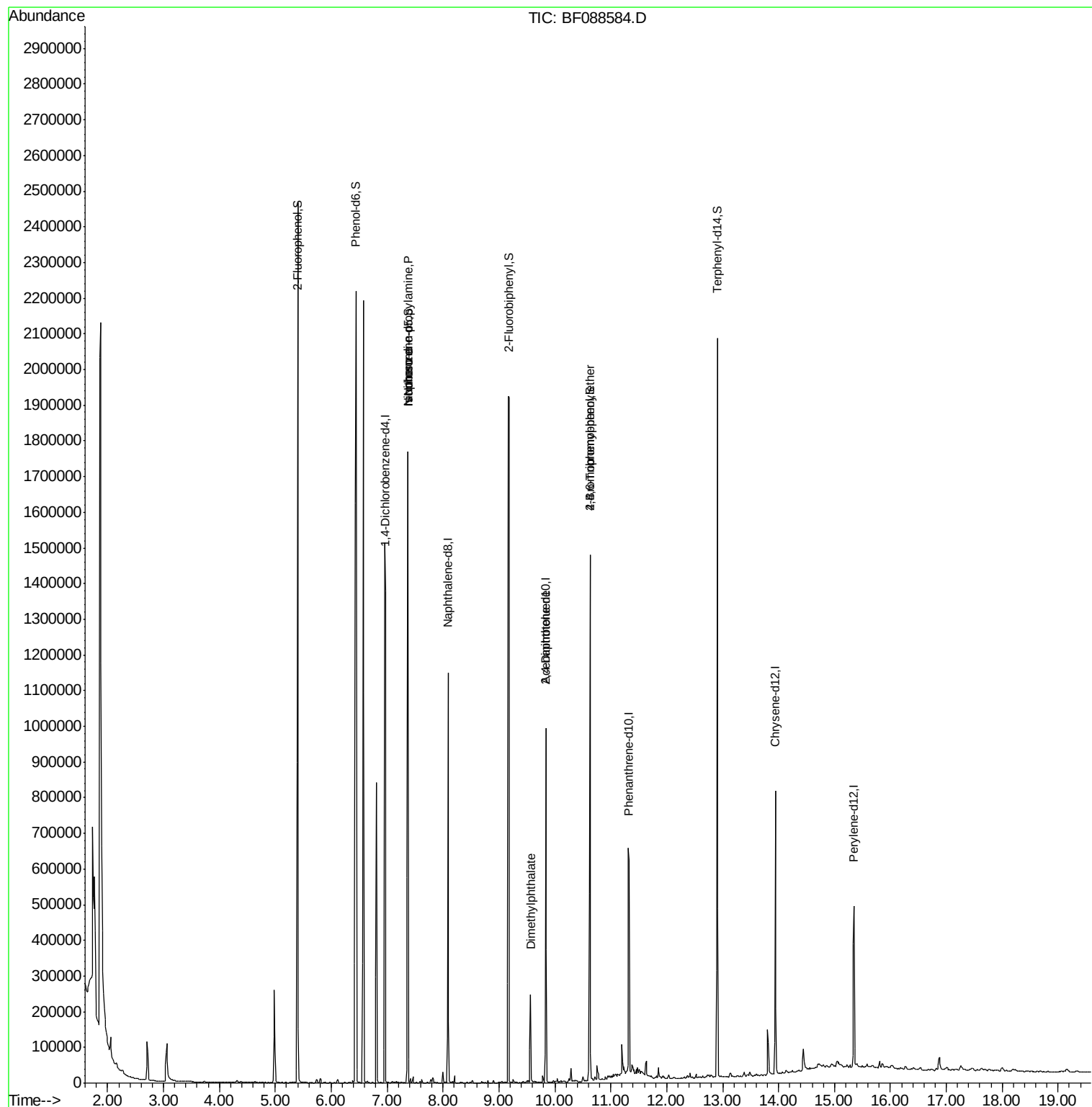
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	339826	20.00	ng	0.16
21) Naphthalene-d8	8.09	136	473623	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	200014	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	336118	20.00	ng	0.00
75) Chrysene-d12	13.94	240	246513	20.00	ng	-0.01
86) Perylene-d12	15.35	264	217126	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	685581	30.24	ng	0.00
7) Phenol-d6	6.44	99	1065430	36.36	ng	0.00
23) Nitrobenzene-d5	7.37	82	594287	65.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	160917	86.64	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	970349	76.63	ng	0.00
78) Terphenyl-d14	12.90	244	615334	55.60	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	81513	4.14	ng	# 72
25) Isophorone	7.37	82	445578	26.62	ng	# 65
49) Dimethylphthalate	9.56	163	109675	7.70	ng	99
56) 2,4-Dinitrotoluene	9.84	165	25760	6.24	ng	# 38
66) 4-Bromophenyl-phenylether	10.63	248	11315	3.34	ng	# 1

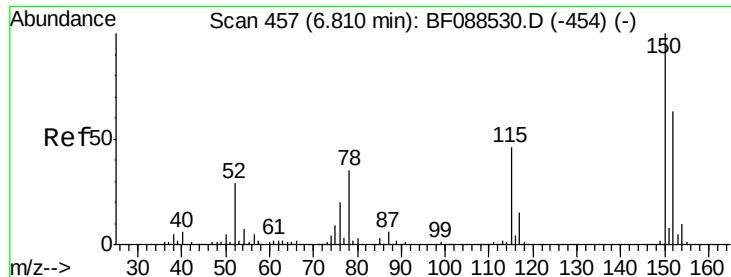
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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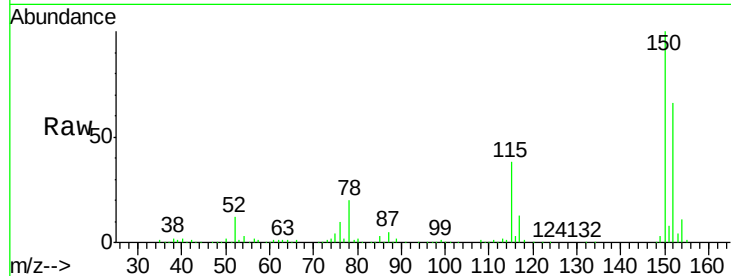


#1

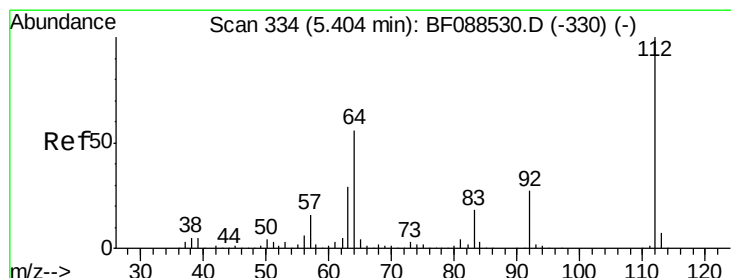
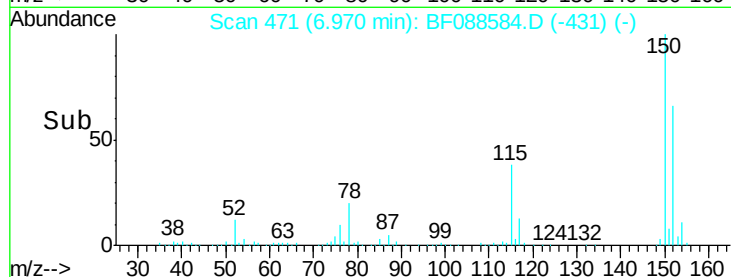
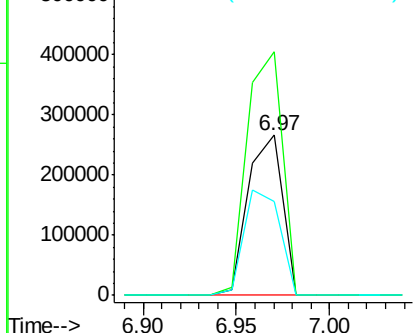
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.16 min
Lab File: BF088584.D
Acq: 1 Jul 2016 19:44

Instrument :
BNA_F
ClientSampleId :
C1.1-04

Tgt Ion:152 Resp: 339826
Ion Ratio Lower Upper
152 100
150 152.0 123.8 185.6
115 58.3 39.6 59.4



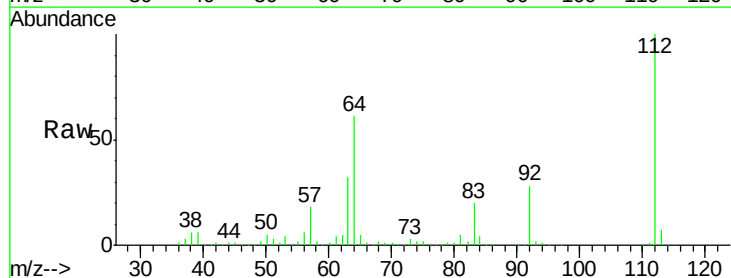
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



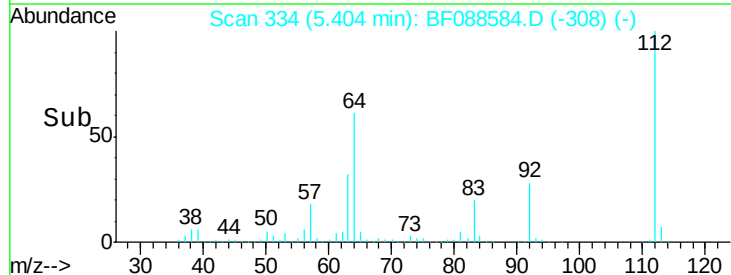
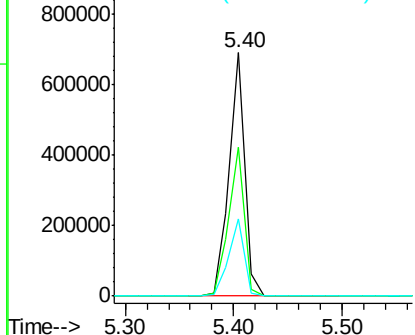
#5

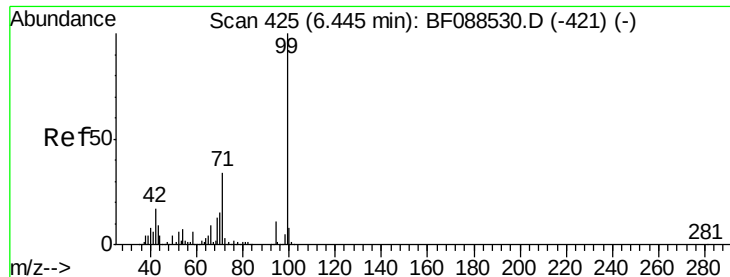
2-Fluorophenol
Concen: 30.24 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.00 min
Lab File: BF088584.D
Acq: 1 Jul 2016 19:44

Tgt Ion:112 Resp: 685581
Ion Ratio Lower Upper
112 100
64 61.3 42.2 63.2
63 31.9 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: 36.36 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088584.D

Acq: 1 Jul 2016 19:44

Instrument :

BNA_F

ClientSampled :

C1.1-04

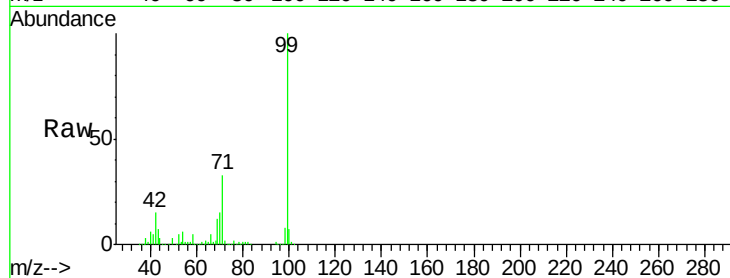
Tgt Ion: 99 Resp: 1065430

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.2

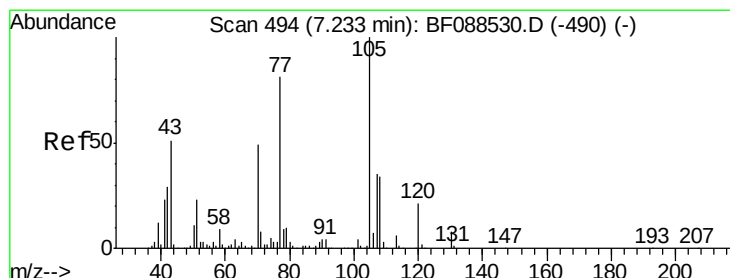
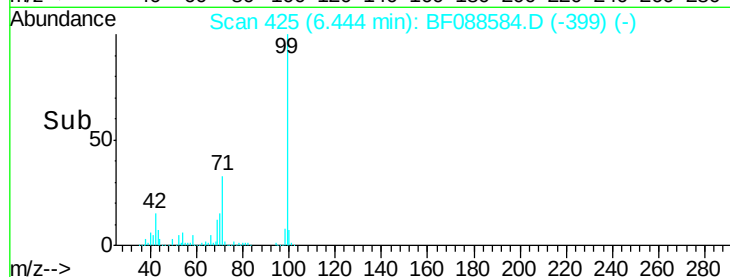
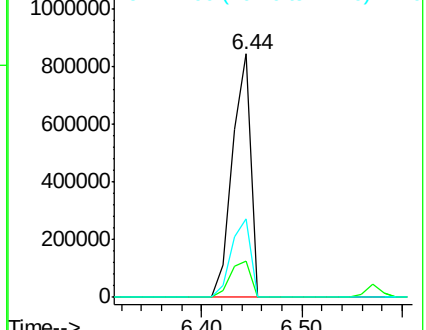
71 32.5 23.4 35.0



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: 4.14 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF088584.D

Acq: 1 Jul 2016 19:44

Tgt Ion: 70 Resp: 81513

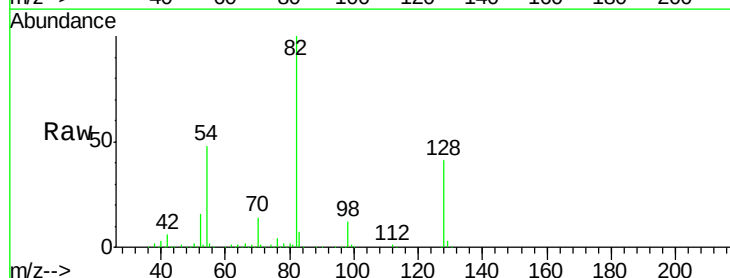
Ion Ratio Lower Upper

70 100

42 42.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#

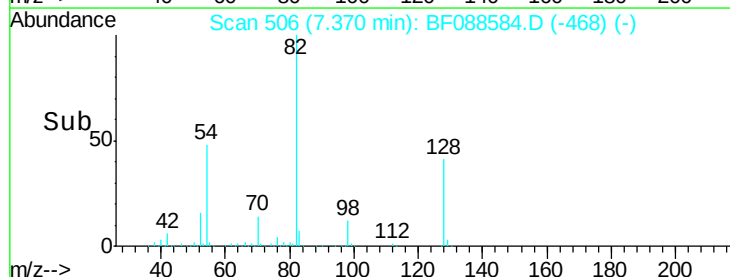
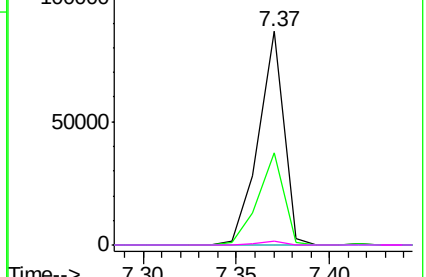


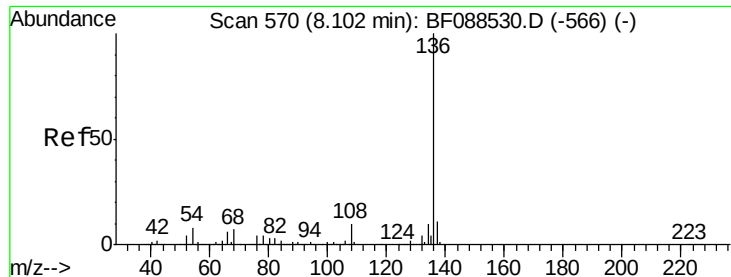
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

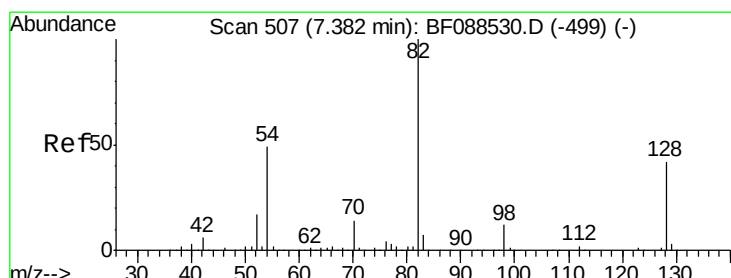
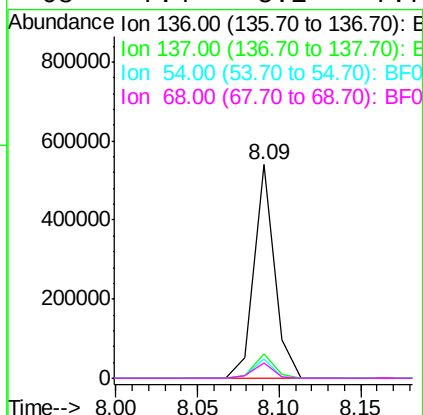
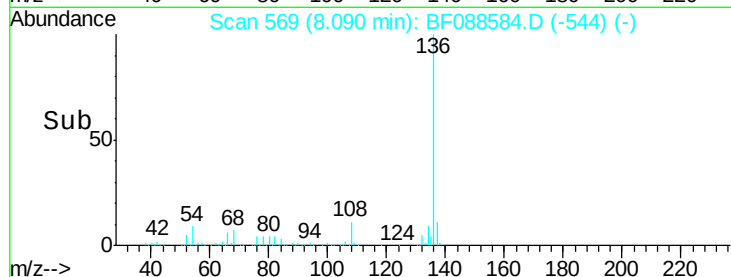
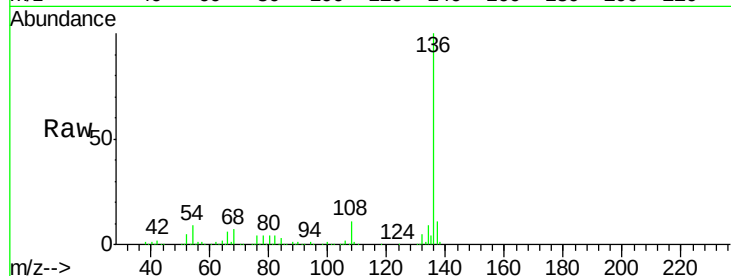




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088584.D
Acq: 1 Jul 2016 19:44

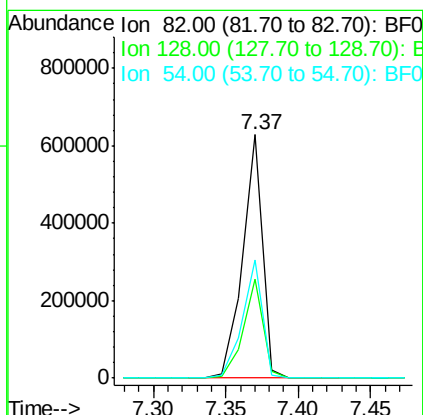
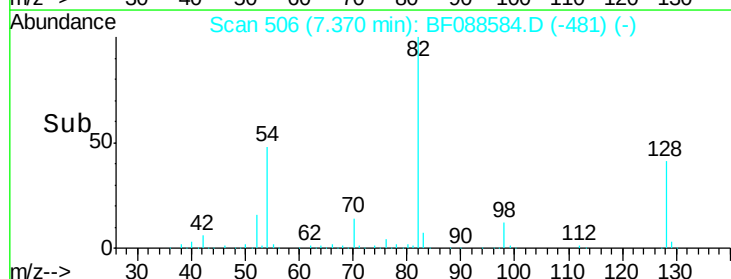
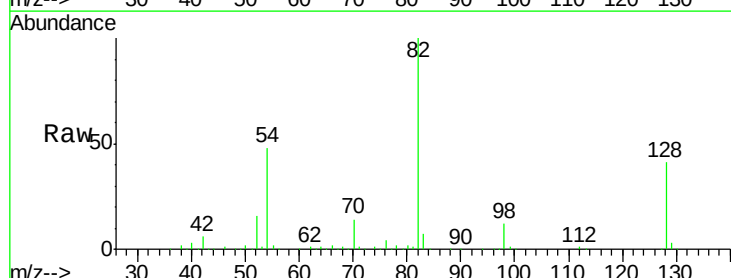
Instrument :
BNA_F
ClientSampleId :
C1.1-04

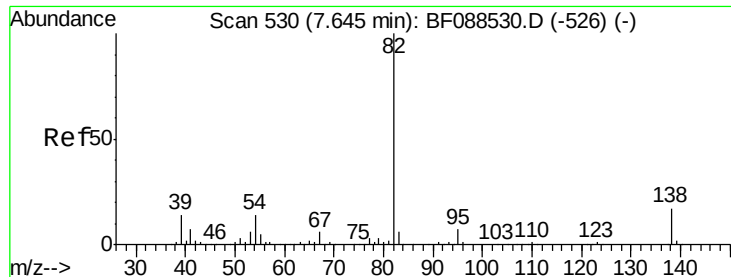
Tgt Ion:	136	Resp:	473623
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.1	6.6	10.0
68	7.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 65.76 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF088584.D
Acq: 1 Jul 2016 19:44

Tgt Ion:	82	Resp:	594287
Ion	Ratio	Lower	Upper
82	100		
128	40.9	35.9	53.9
54	48.3	40.9	61.3





#25

Isophorone

Concen: 26.62 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.27 min

Lab File: BF088584.D

Acq: 1 Jul 2016 19:44

Instrument :

BNA_F

ClientSampleId :

C1.1-04

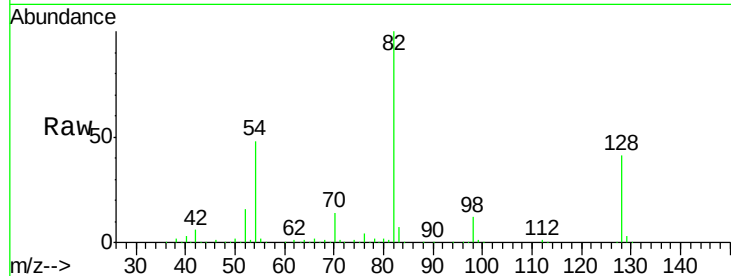
Tgt Ion: 82 Resp: 445578

Ion Ratio Lower Upper

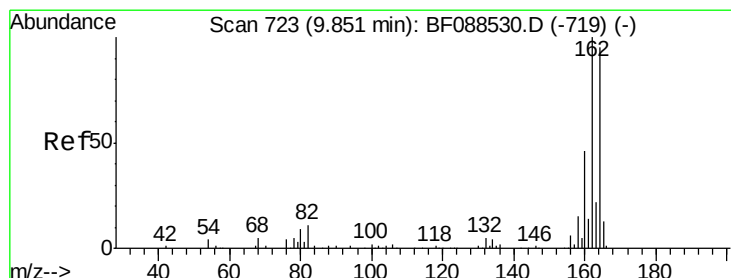
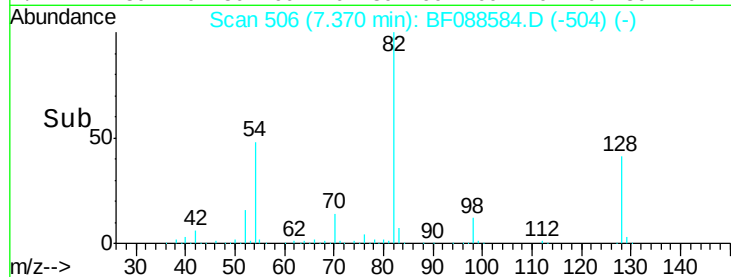
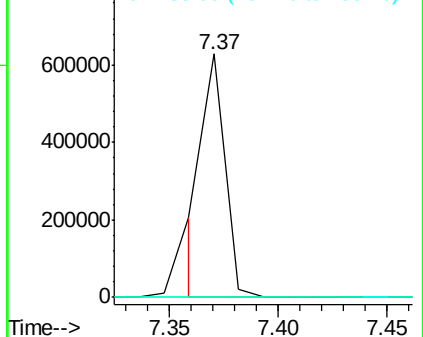
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088584.D

Acq: 1 Jul 2016 19:44

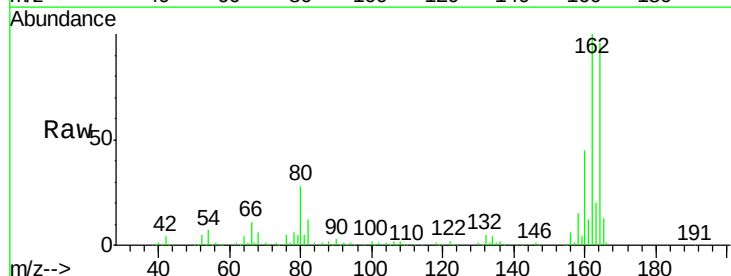
Tgt Ion: 164 Resp: 200014

Ion Ratio Lower Upper

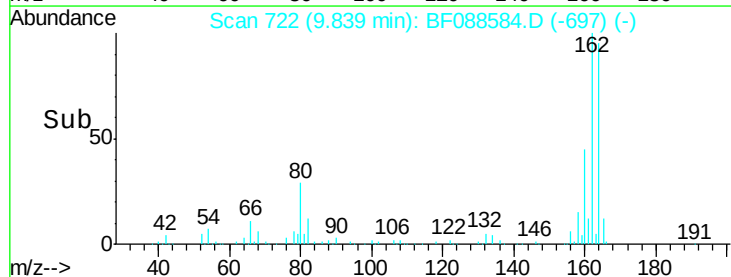
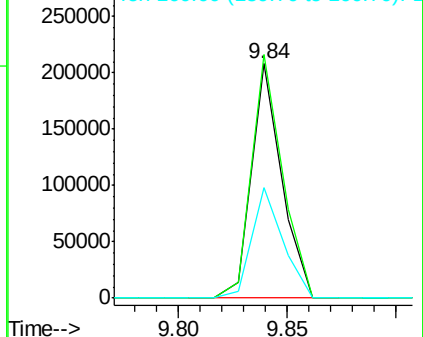
164 100

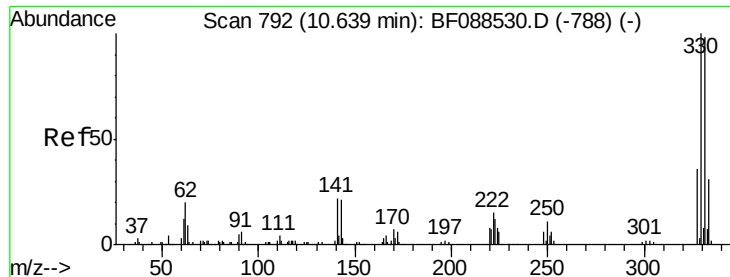
162 103.8 85.4 128.2

160 47.0 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

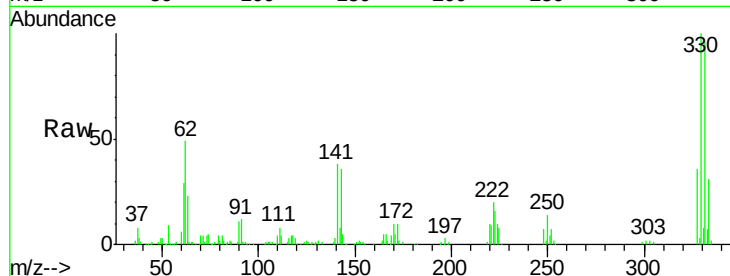




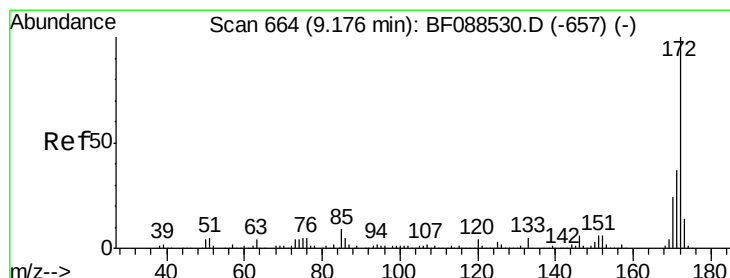
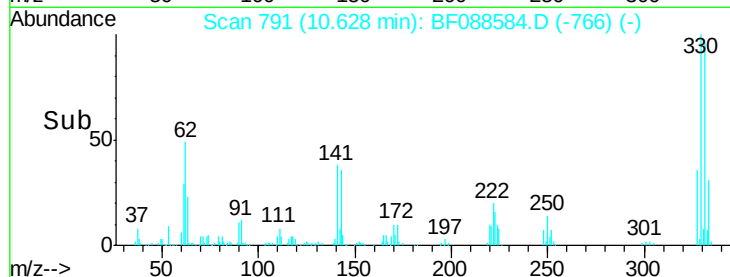
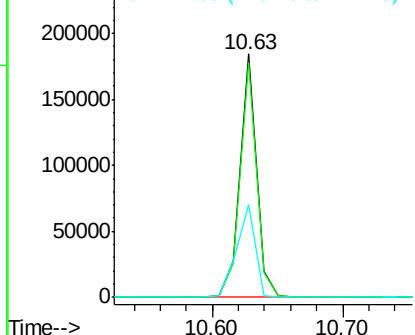
#41
 2,4,6-Tribromophenol
 Concen: 86.64 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088584.D
 Acq: 1 Jul 2016 19:44

Instrument :
 BNA_F
 ClientSampled :
 C1.1-04

Tgt Ion:330 Resp: 160917
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 43.3 0.0 0.0#

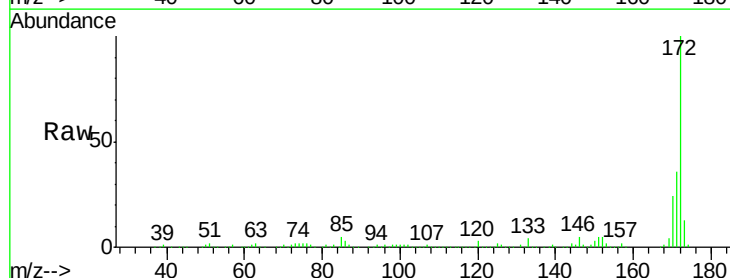


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

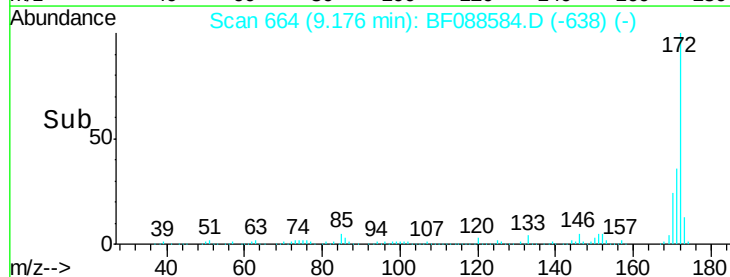
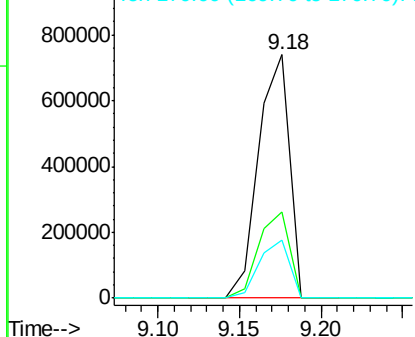


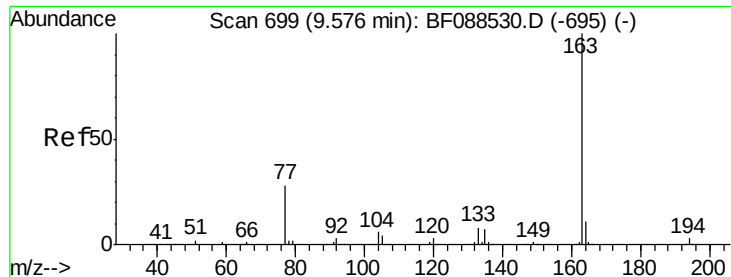
#44
 2-Fluorobiphenyl
 Concen: 76.63 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088584.D
 Acq: 1 Jul 2016 19:44

Tgt Ion:172 Resp: 970349
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 24.0 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: 7.70 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF088584.D

Acq: 1 Jul 2016 19:44

Instrument :

BNA_F

ClientSampleId :

C1.1-04

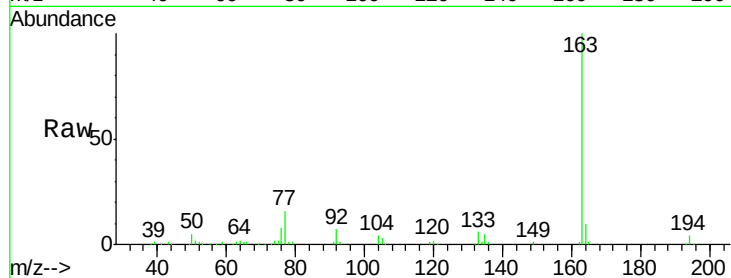
Tgt Ion:163 Resp: 109675

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

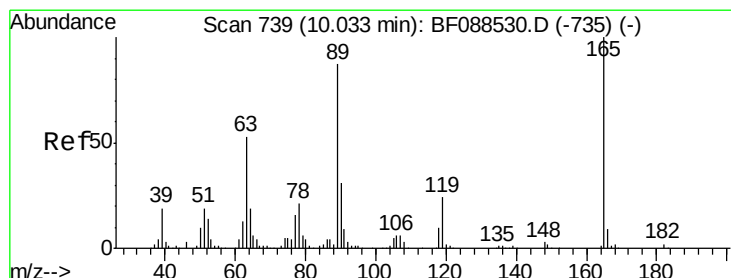
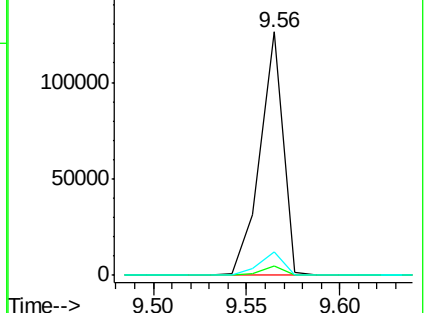
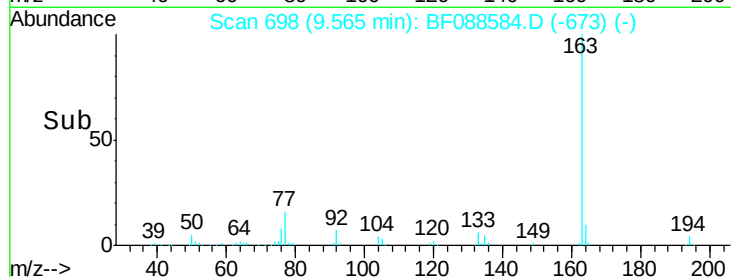
164 9.7 8.3 12.5



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: 6.24 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.19 min

Lab File: BF088584.D

Acq: 1 Jul 2016 19:44

Tgt Ion:165 Resp: 25760

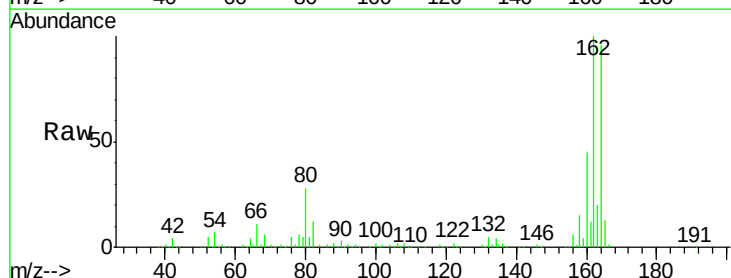
Ion Ratio Lower Upper

165 100

63 1.7 22.0 33.0#

89 1.7 41.1 61.7#

182 0.0 2.0 3.0#

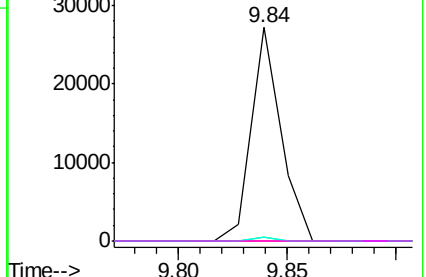
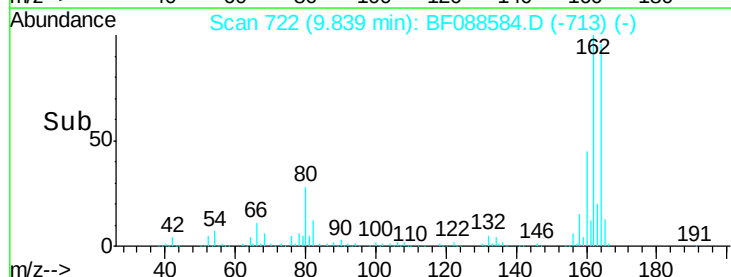


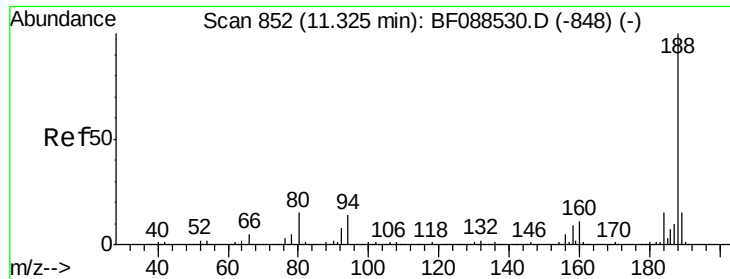
Abundance Ion 165.00 (164.70 to 165.70): E

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

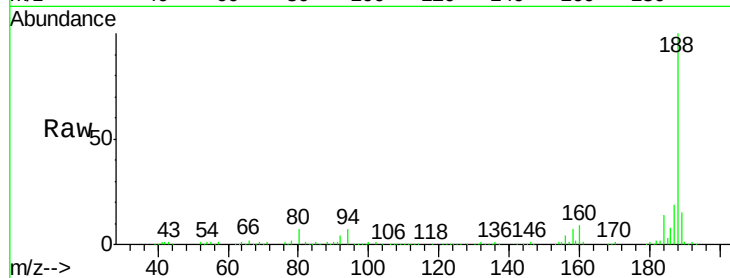




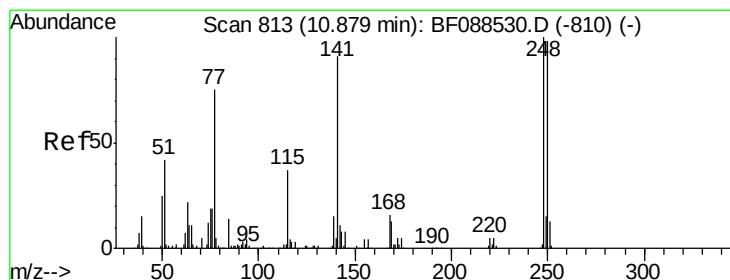
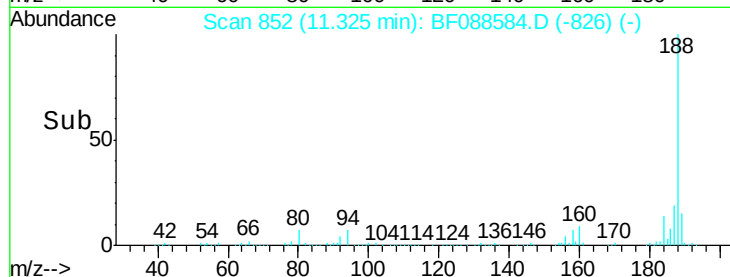
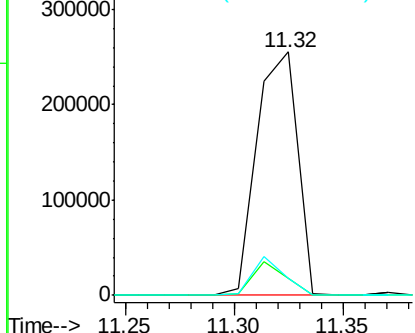
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088584.D
Acq: 1 Jul 2016 19:44

Instrument :
BNA_F
ClientSampleId :
C1.1-04

Tgt Ion:188 Resp: 336118
Ion Ratio Lower Upper
188 100
94 6.8 9.0 13.6#
80 7.1 10.0 15.0#

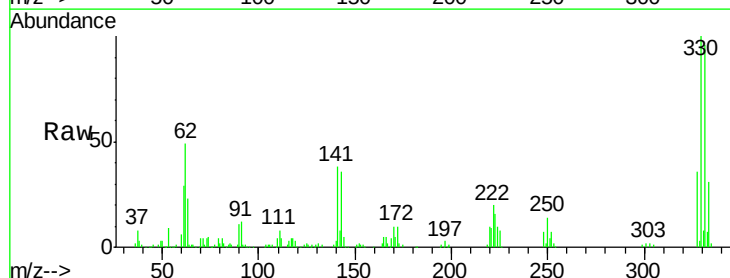


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

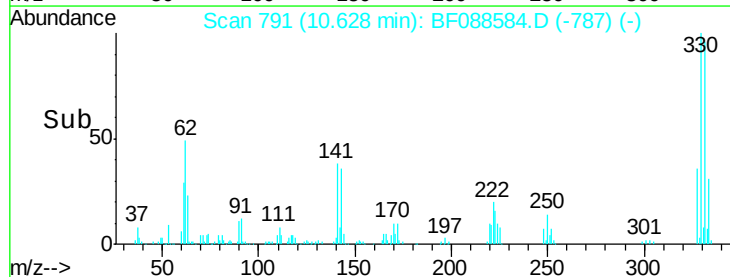
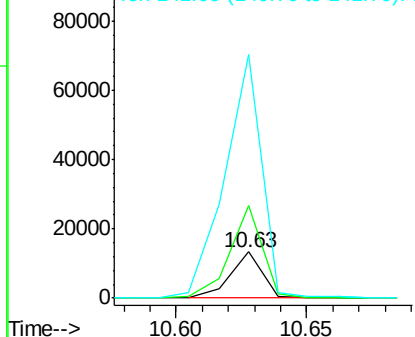


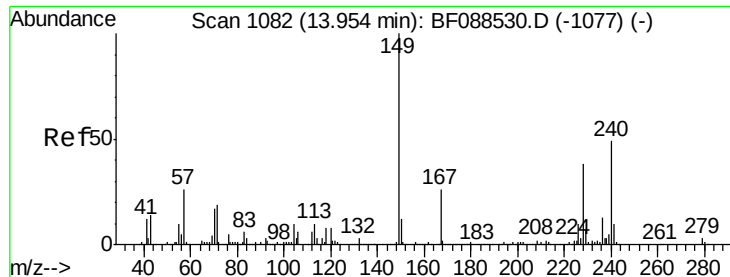
#66
4-Bromophenyl-phenylether
Concen: 3.34 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.25 min
Lab File: BF088584.D
Acq: 1 Jul 2016 19:44

Tgt Ion:248 Resp: 11315
Ion Ratio Lower Upper
248 100
250 201.0 77.1 115.7#
141 528.5 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: BF088584.D

Acq: 1 Jul 2016 19:44

Instrument :

BNA_F

ClientSampleId :

C1.1-04

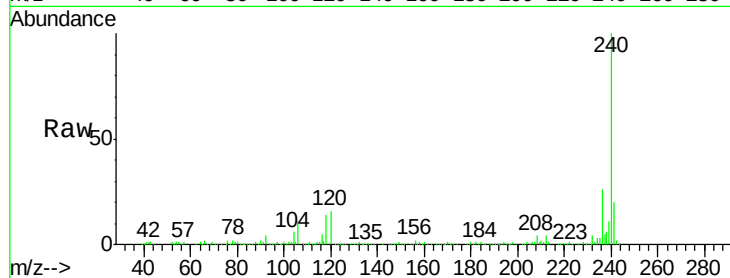
Tgt Ion:240 Resp: 246513

Ion Ratio Lower Upper

240 100

120 15.9 6.8 10.2#

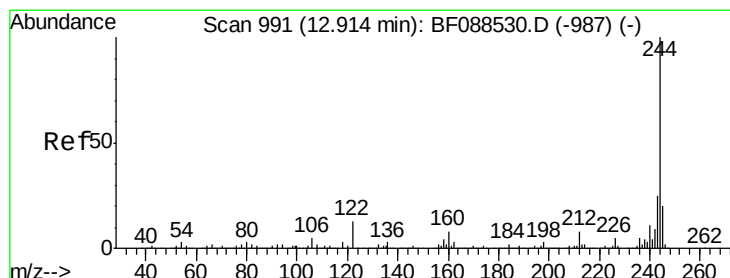
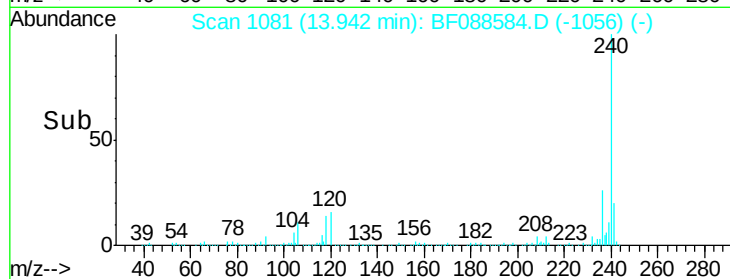
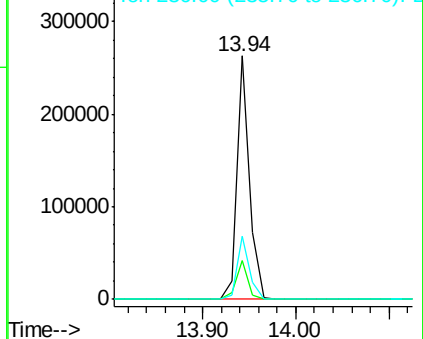
236 26.0 20.2 30.2



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: 55.60 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF088584.D

Acq: 1 Jul 2016 19:44

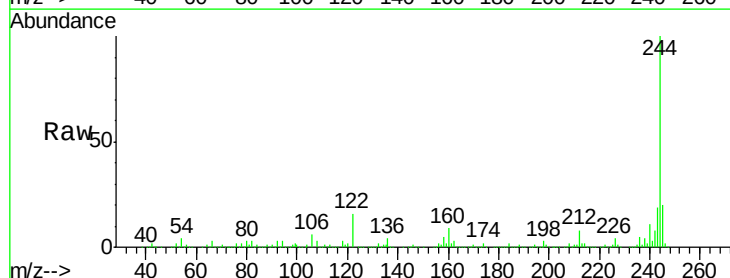
Tgt Ion:244 Resp: 615334

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

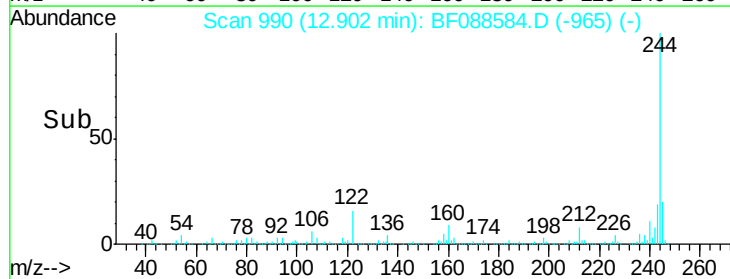
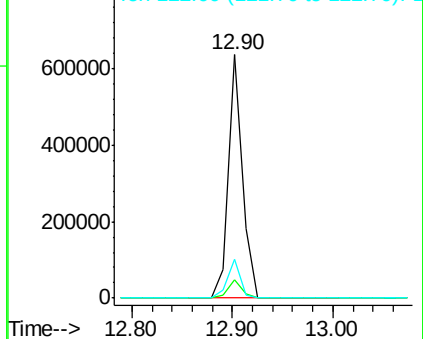
122 15.7 11.2 16.8

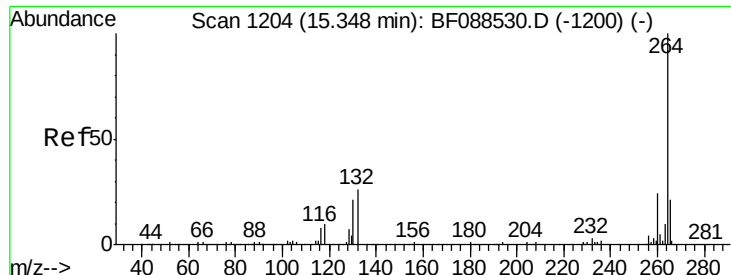


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

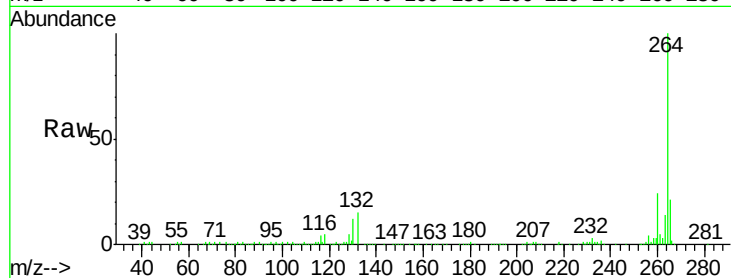




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF088584.D
Acq: 1 Jul 2016 19:44

Instrument :
BNA_F
ClientSampleId :
C1.1-04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

