

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
 Data File : BF085781.D
 Acq On : 26 Mar 2016 00:35
 Operator : UM/SJ
 Sample : H1834-08
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13

Quant Time: Mar 26 02:18:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

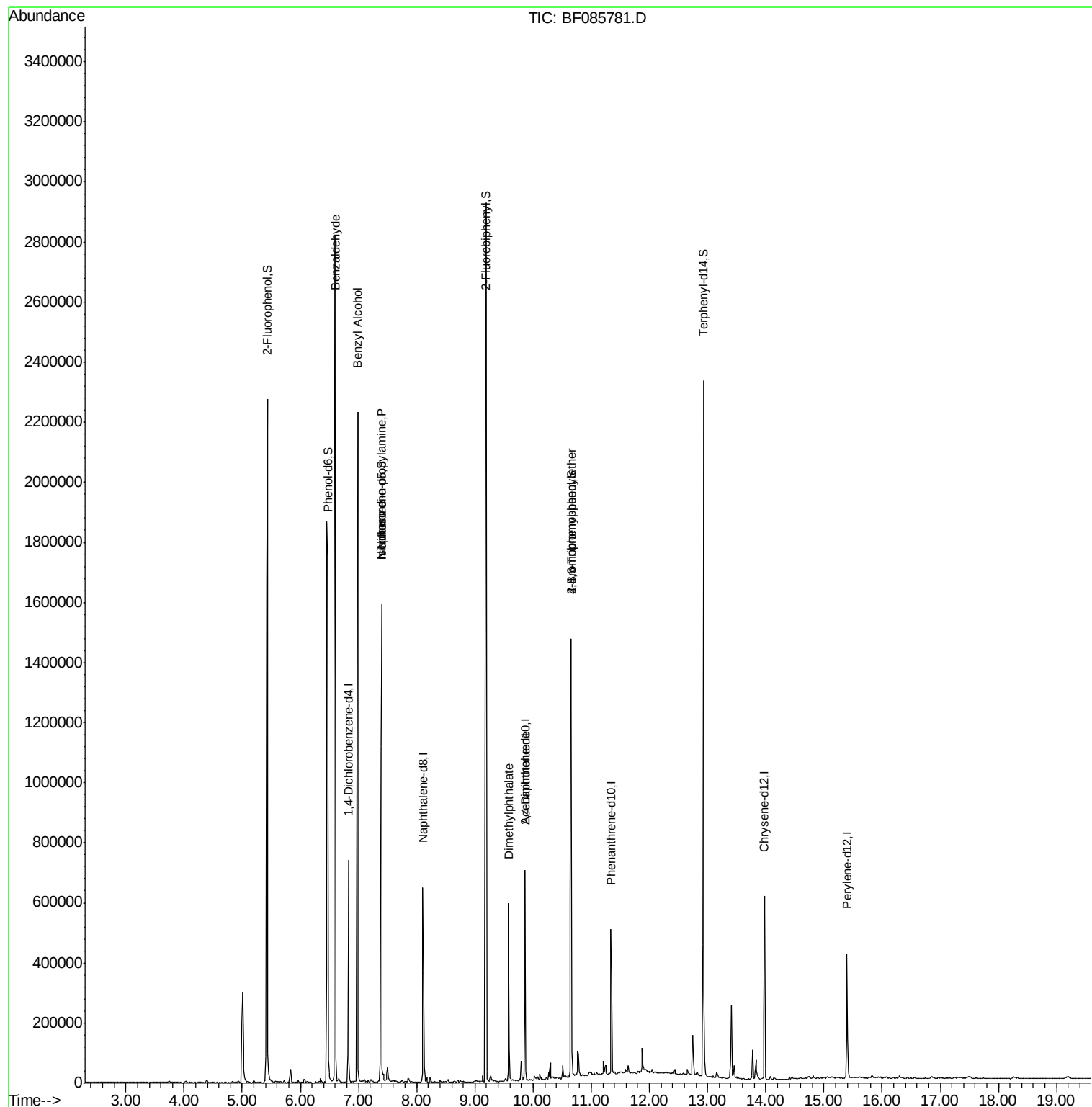
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	105759	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	366223	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	147713	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	221354	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	217574	20.00	ng	0.00
86) Perylene-d12	15.40	264	175881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	902179	142.07	ng	0.02
7) Phenol-d6	6.47	99	1111336	137.64	ng	0.01
23) Nitrobenzene-d5	7.40	82	709068	109.03	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	195280	139.14	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1056799	119.53	ng	0.00
78) Terphenyl-d14	12.93	244	675254	63.83	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	19417	3.99	ng	Qvalue 89
15) Benzyl Alcohol	6.98	79	11730	2.18	ng	# 43
19) n-Nitroso-di-n-propylamine	7.40	70	92611	19.16	ng	# 74
25) Isophorone	7.40	82	687650	54.89	ng	# 68
37) 2-Methylnaphthalene	8.82	142	534	Below Cal	#	82
49) Dimethylphthalate	9.58	163	213023	19.01	ng	99
56) 2,4-Dinitrotoluene	9.86	165	18555	6.05	ng	# 36
66) 4-Bromophenyl-phenylether	10.65	248	13290	5.87	ng	# 1

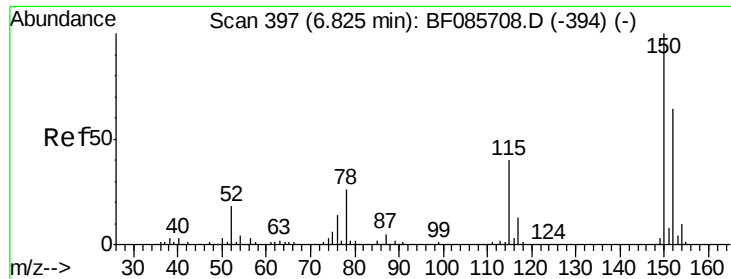
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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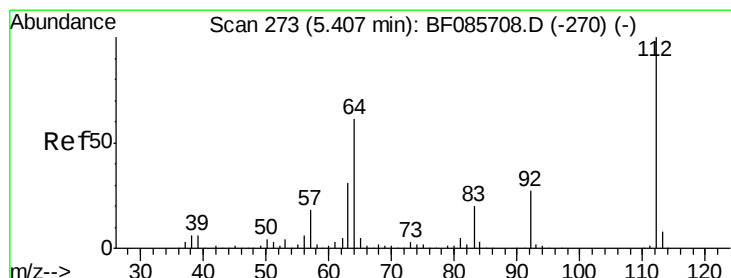
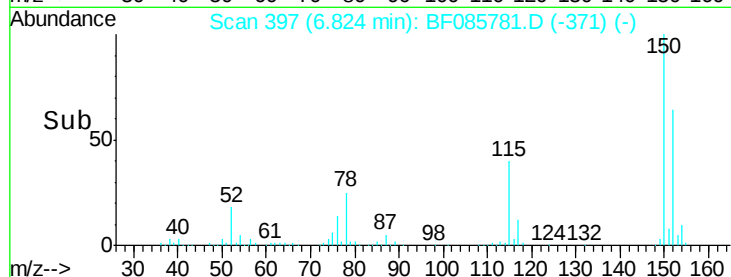
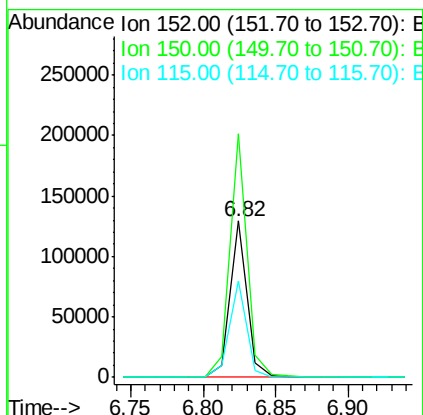
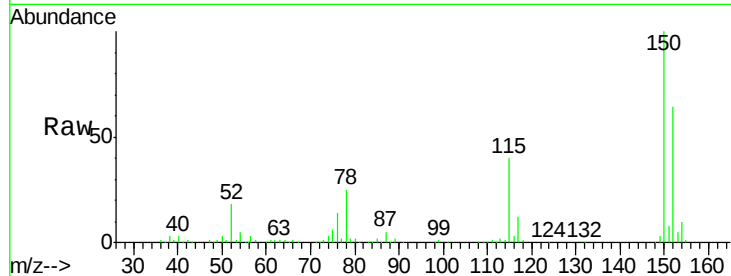


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085781.D
Acq: 26 Mar 2016 00:35

Instrument :
BNA_F
ClientSampleId :
13

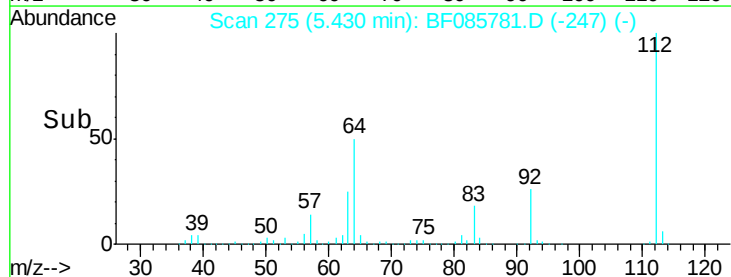
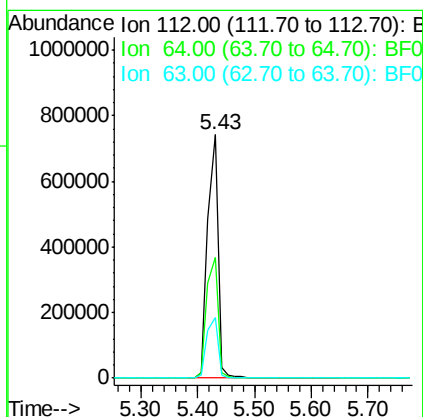
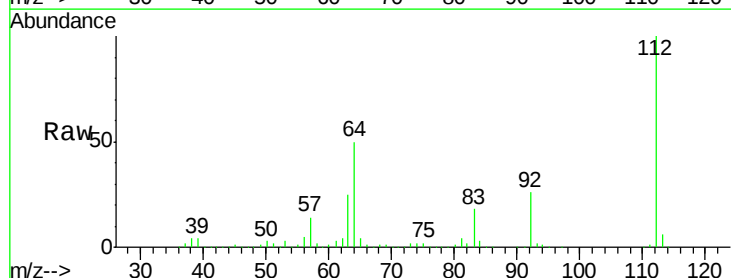
Tgt Ion:152 Resp: 105759
Ion Ratio Lower Upper
152 100
150 156.0 124.2 186.2
115 62.0 47.0 70.6

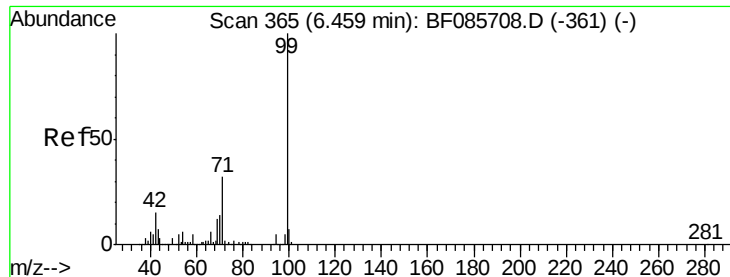


#5

2-Fluorophenol
Concen: 142.07 ng
RT: 5.43 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF085781.D
Acq: 26 Mar 2016 00:35

Tgt Ion:112 Resp: 902179
Ion Ratio Lower Upper
112 100
64 49.6 39.9 59.9
63 24.7 20.2 30.2





#7

Phenol-d6

Concen: 137.64 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085781.D

Acq: 26 Mar 2016 00:35

Instrument :

BNA_F

ClientSampleId :

13

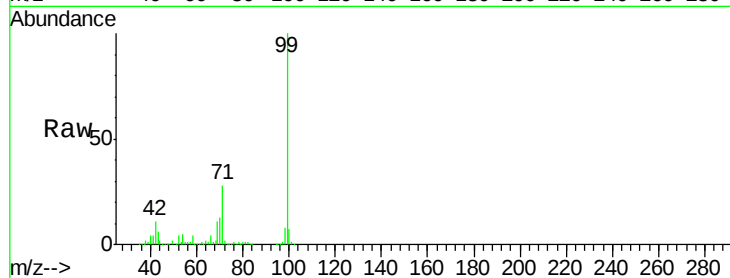
Tgt Ion: 99 Resp: 1111336

Ion Ratio Lower Upper

99 100

42 11.0 11.1 16.7#

71 27.6 24.9 37.3



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

1000000

800000

600000

400000

200000

0

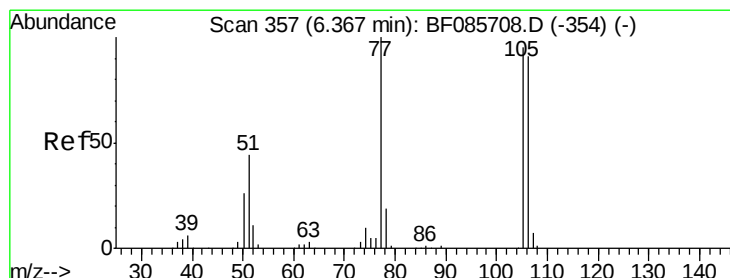
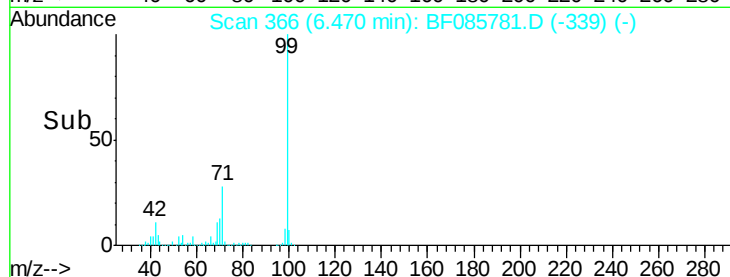
6.47

6.40

6.50

6.60

Time-->



#9

Benzaldehyde

Concen: 3.99 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.23 min

Lab File: BF085781.D

Acq: 26 Mar 2016 00:35

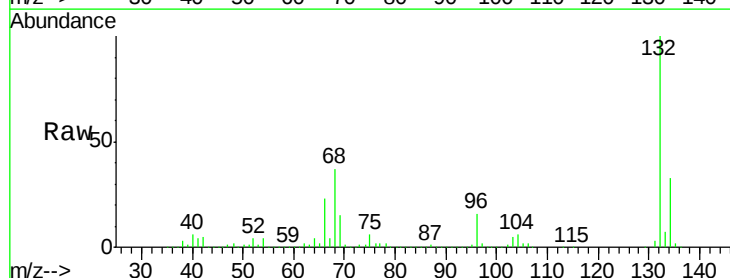
Tgt Ion: 77 Resp: 19417

Ion Ratio Lower Upper

77 100

105 89.0 80.1 120.1

106 85.0 75.0 115.0



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

25000

20000

15000

10000

5000

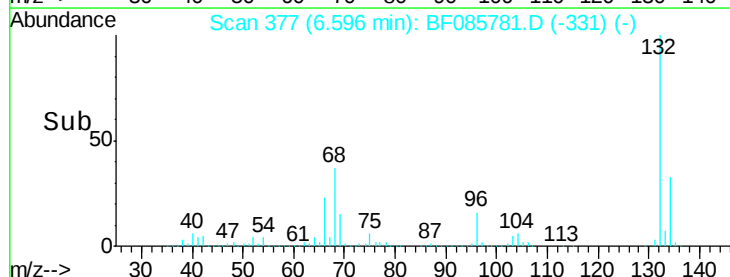
0

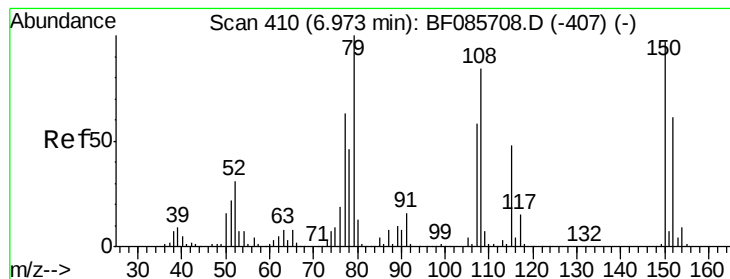
6.60

6.55

6.60

Time-->





#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 6.98 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF085781.D

Acq: 26 Mar 2016 00:35

Instrument :

BNA_F

ClientSampleId :

13

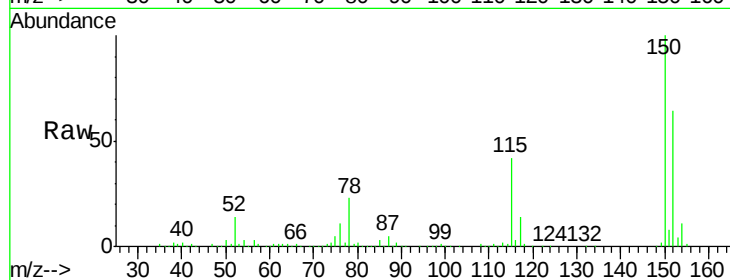
Tgt Ion: 79 Resp: 11730

Ion Ratio Lower Upper

79 100

108 35.9 61.8 92.6#

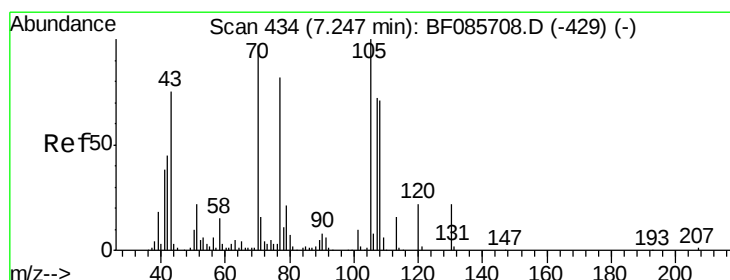
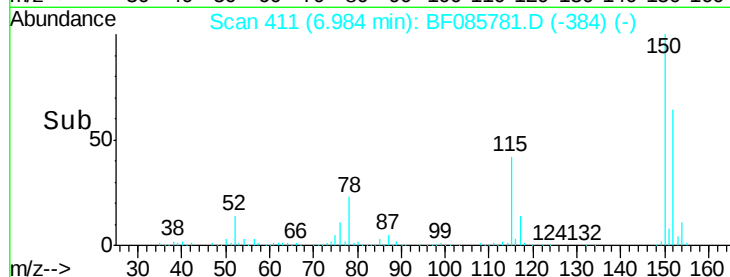
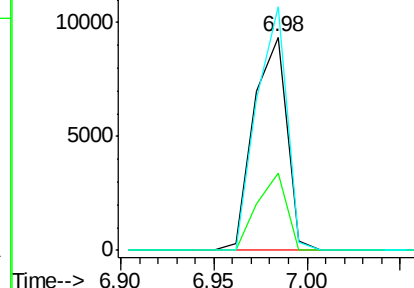
77 114.1 49.6 74.4#



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: 19.16 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.15 min

Lab File: BF085781.D

Acq: 26 Mar 2016 00:35

Tgt Ion: 70 Resp: 92611

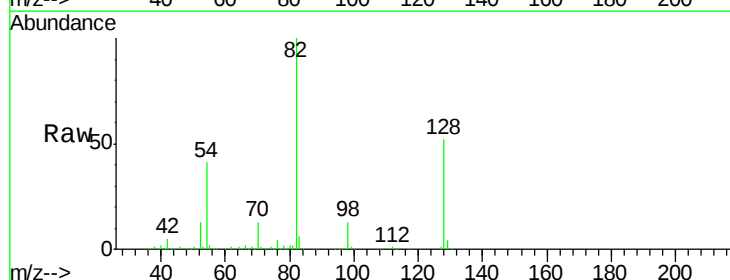
Ion Ratio Lower Upper

70 100

42 35.8 37.1 55.7#

101 0.0 8.6 12.8#

130 2.7 19.6 29.4#

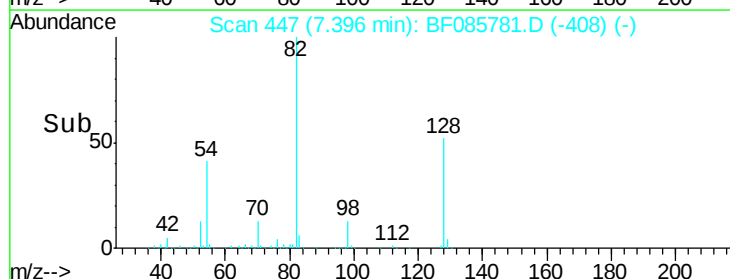
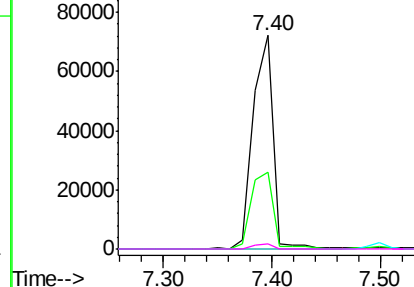


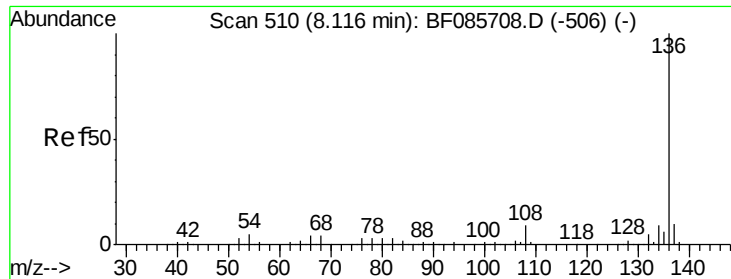
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

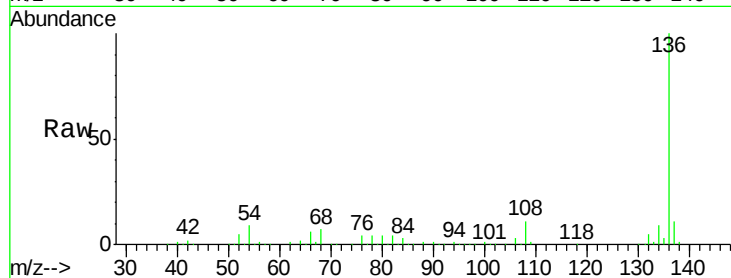




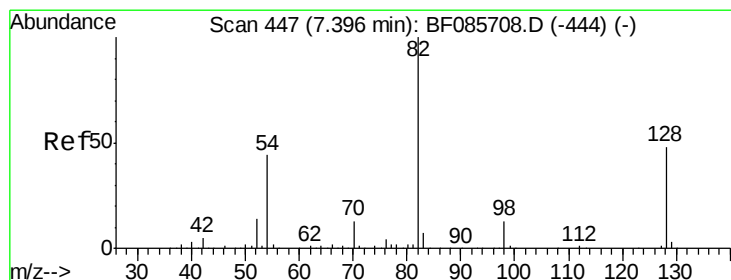
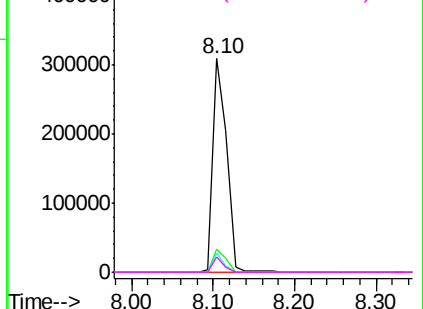
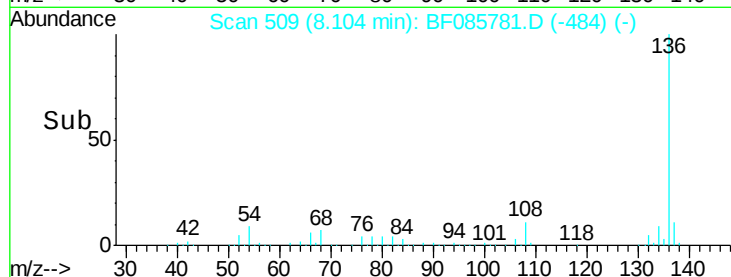
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085781.D
Acq: 26 Mar 2016 00:35

Instrument :
BNA_F
ClientSampleId :
13

Tgt Ion: 136 Resp: 366223
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.8 7.4 11.0
68 7.0 5.8 8.8

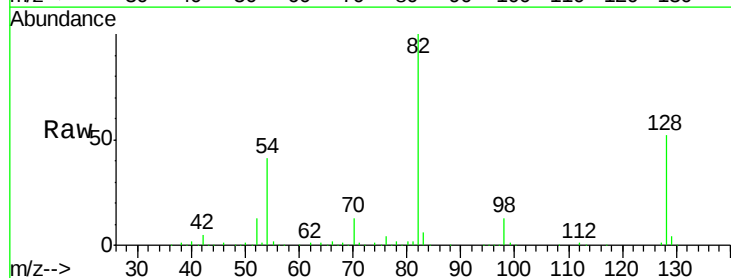


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

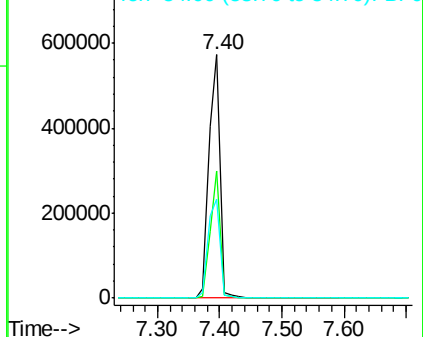
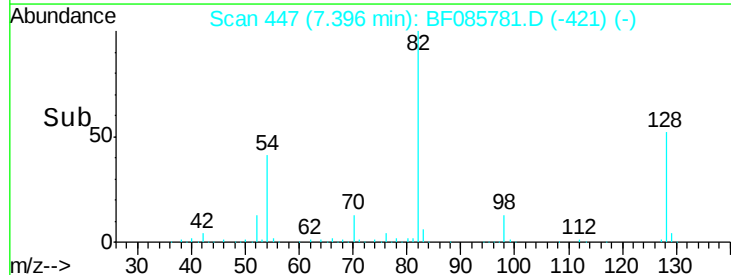


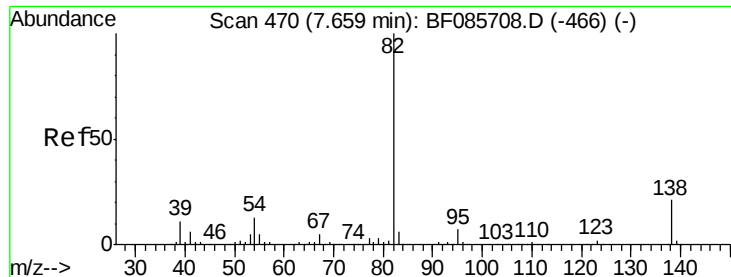
#23
Nitrobenzene-d5
Concen: 109.03 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF085781.D
Acq: 26 Mar 2016 00:35

Tgt Ion: 82 Resp: 709068
Ion Ratio Lower Upper
82 100
128 52.2 41.8 62.8
54 40.8 33.4 50.0



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: 54.89 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.26 min

Lab File: BF085781.D

Acq: 26 Mar 2016 00:35

Instrument :

BNA_F

ClientSampleId :

13

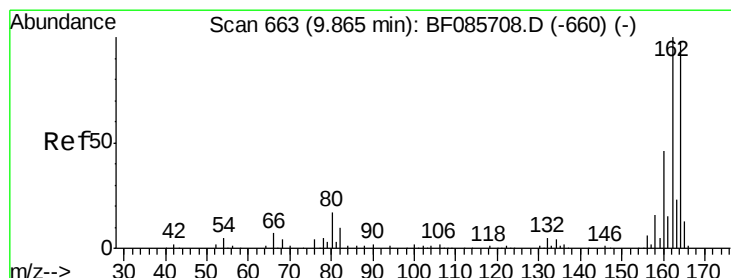
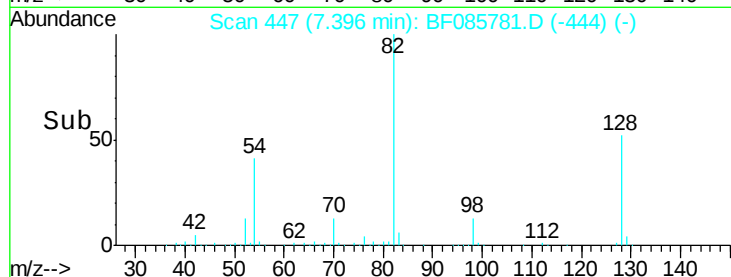
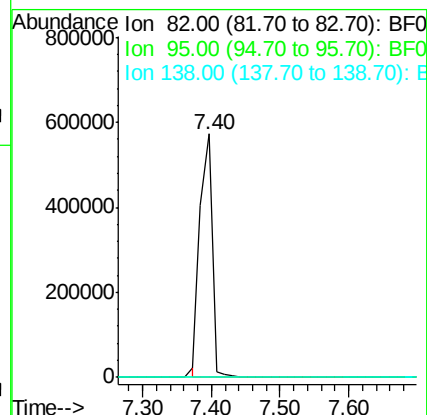
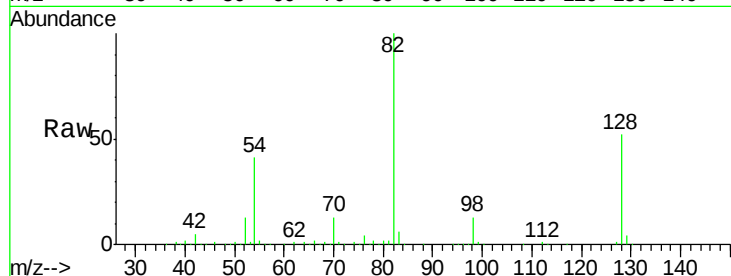
Tgt Ion: 82 Resp: 687650

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

138 0.0 12.9 19.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085781.D

Acq: 26 Mar 2016 00:35

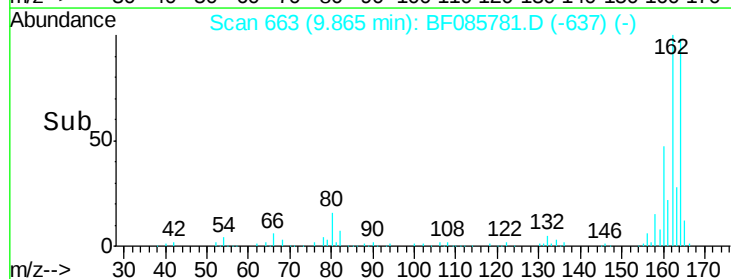
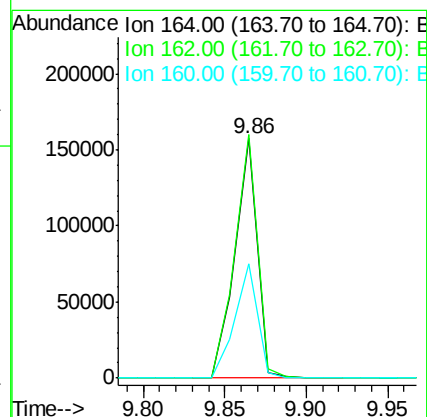
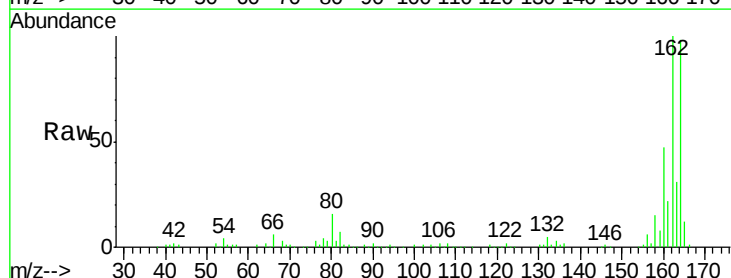
Tgt Ion: 164 Resp: 147713

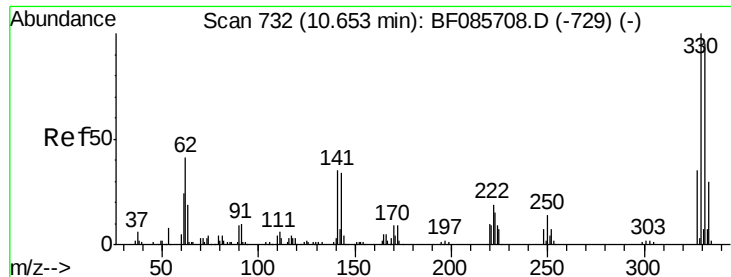
Ion Ratio Lower Upper

164 100

162 101.8 82.1 123.1

160 47.7 37.4 56.2

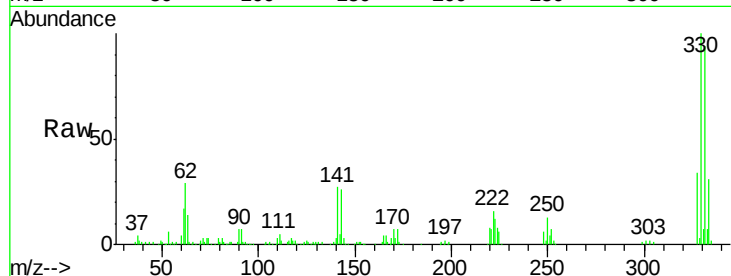




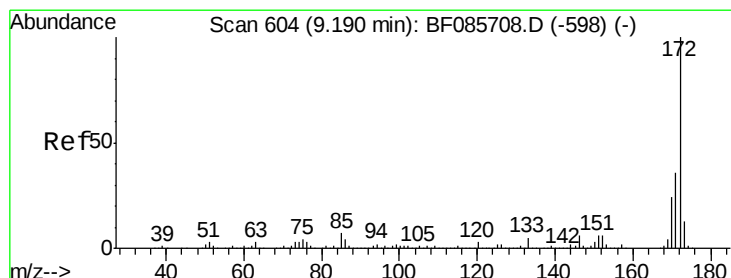
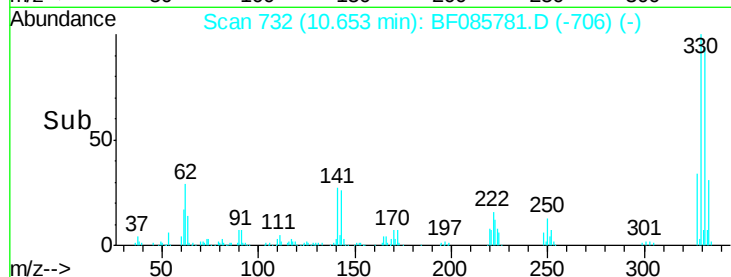
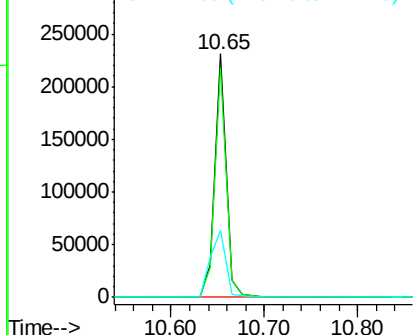
#41
 2,4,6-Tribromophenol
 Concen: 139.14 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085781.D
 Acq: 26 Mar 2016 00:35

Instrument :
 BNA_F
 ClientSampleId :
 13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.9	78.2	117.2
141	38.0	31.5	47.3

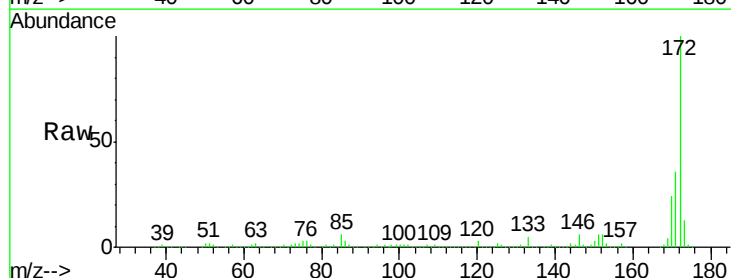


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

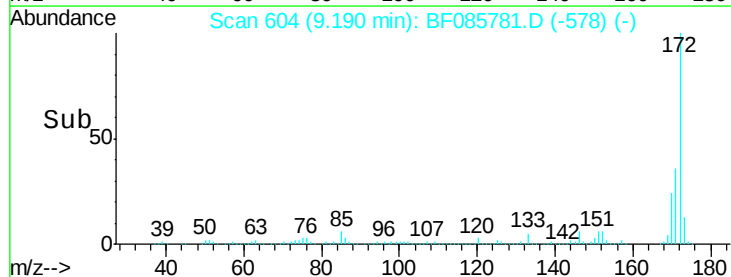
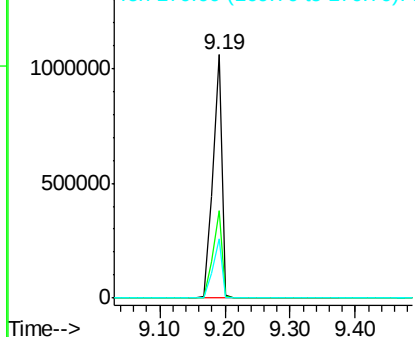


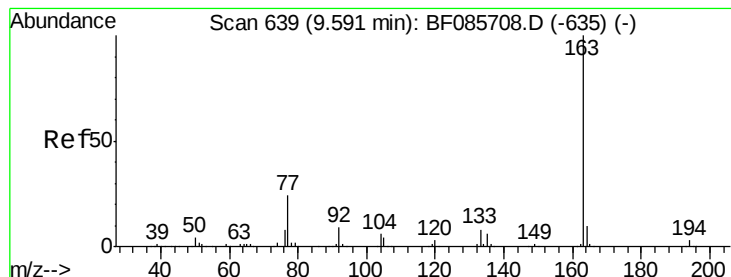
#44
 2-Fluorobiphenyl
 Concen: 119.53 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085781.D
 Acq: 26 Mar 2016 00:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.3	19.8	29.6



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: 19.01 ng

RT: 9.58 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF085781.D

Acq: 26 Mar 2016 00:35

Instrument :

BNA_F

ClientSampleId :

13

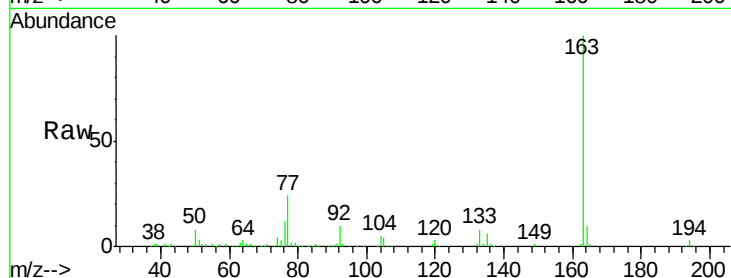
Tgt Ion:163 Resp: 213023

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

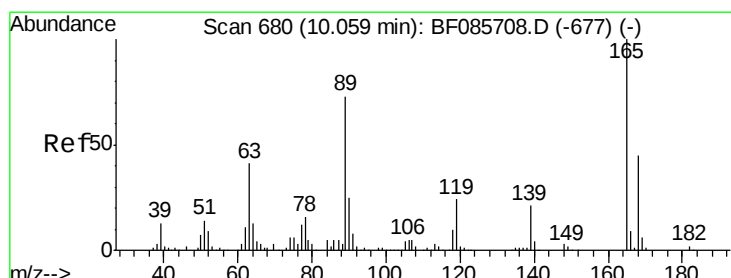
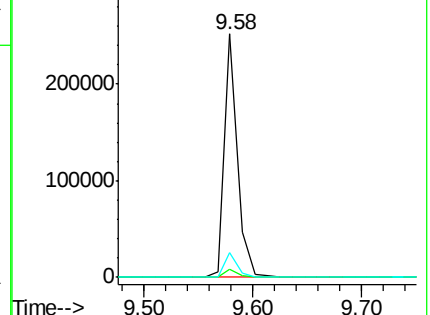
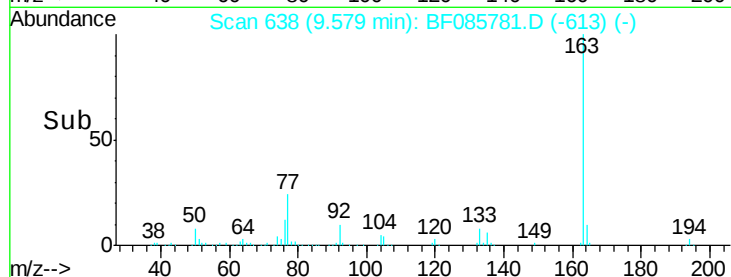
164 10.2 8.3 12.5



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: 6.05 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.19 min

Lab File: BF085781.D

Acq: 26 Mar 2016 00:35

Tgt Ion:165 Resp: 18555

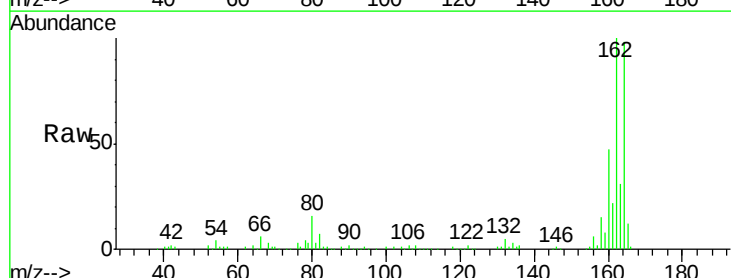
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 1.9 41.0 61.6#

182 0.0 2.1 3.1#

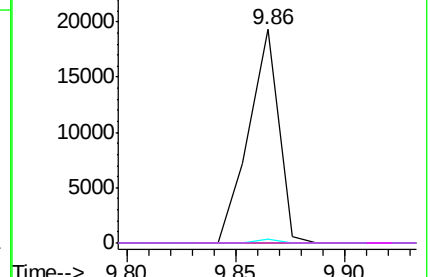
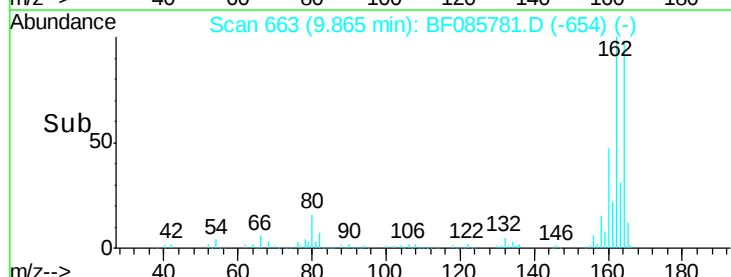


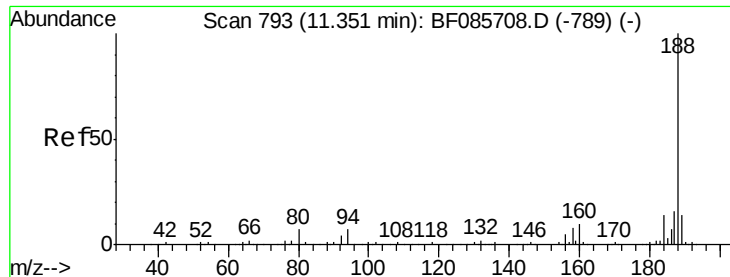
Abundance Ion 165.00 (164.70 to 165.70): E

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

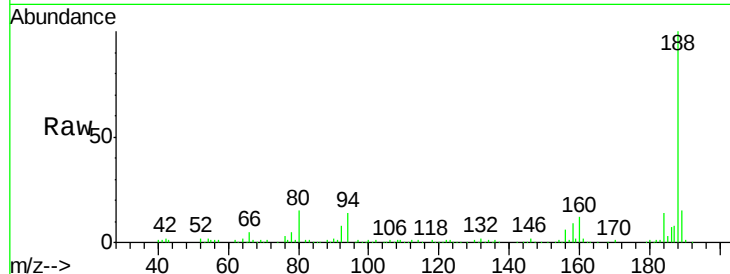




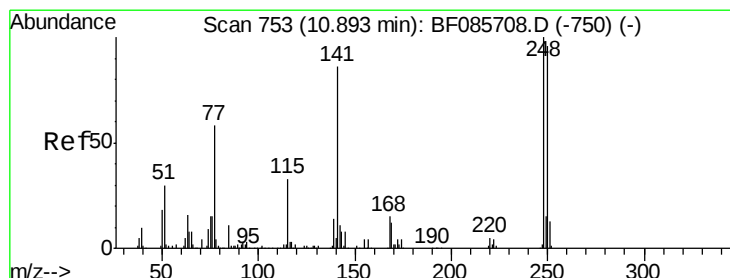
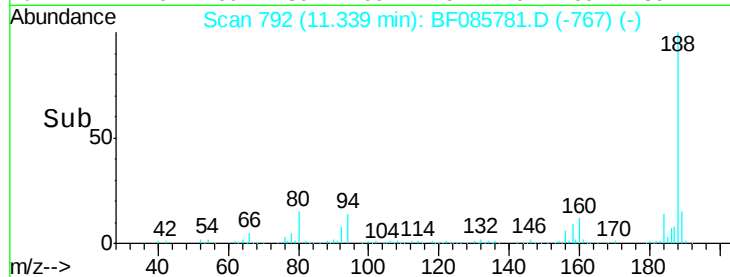
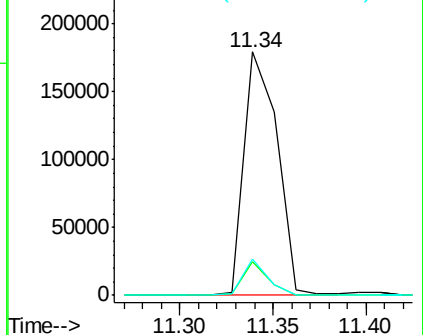
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085781.D
 Acq: 26 Mar 2016 00:35

Instrument :
 BNA_F
 ClientSampleId :
 13

Tgt Ion:188 Resp: 221354
 Ion Ratio Lower Upper
 188 100
 94 13.6 5.4 8.0#
 80 15.1 5.5 8.3#

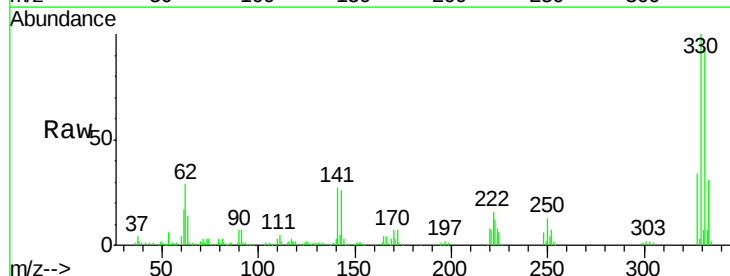


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

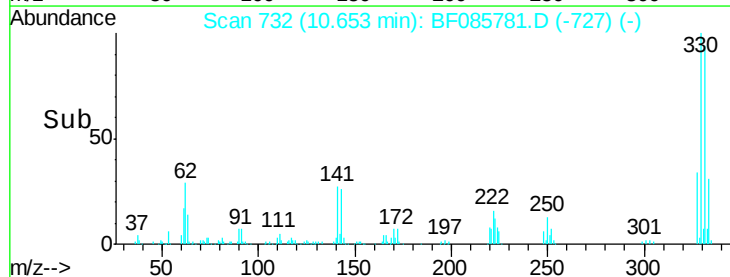
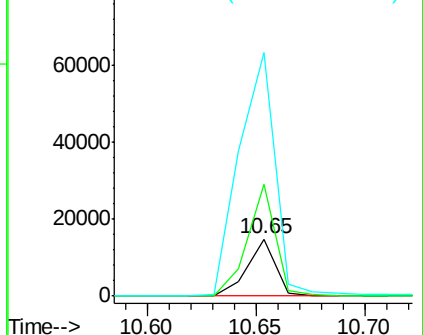


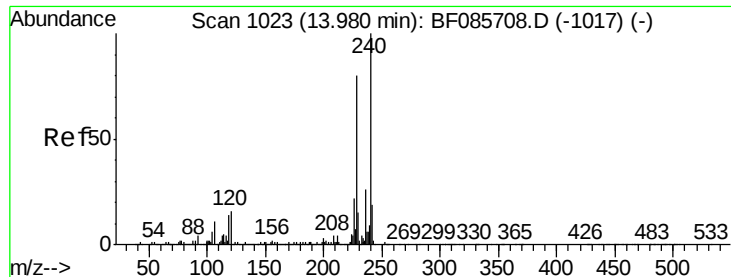
#66
 4-Bromophenyl-phenylether
 Concen: 5.87 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.24 min
 Lab File: BF085781.D
 Acq: 26 Mar 2016 00:35

Tgt Ion:248 Resp: 13290
 Ion Ratio Lower Upper
 248 100
 250 195.9 77.4 116.0#
 141 428.6 63.6 95.4#



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: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085781.D

Acq: 26 Mar 2016 00:35

Instrument :

BNA_F

ClientSampleId :

13

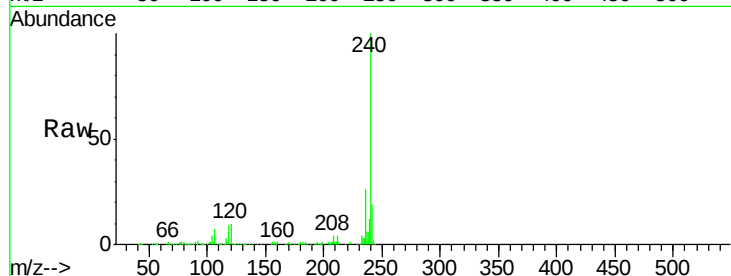
Tgt Ion:240 Resp: 217574

Ion Ratio Lower Upper

240 100

120 10.0 13.8 20.8#

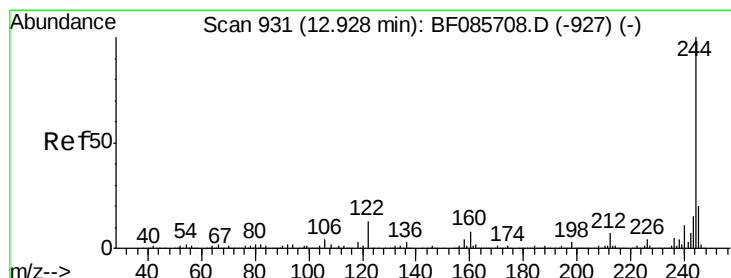
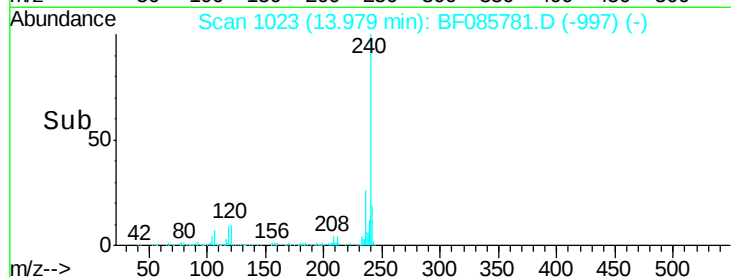
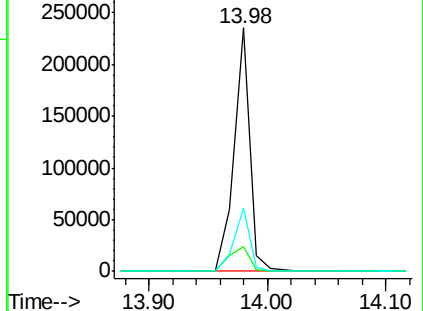
236 25.8 20.6 30.8



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: 63.83 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085781.D

Acq: 26 Mar 2016 00:35

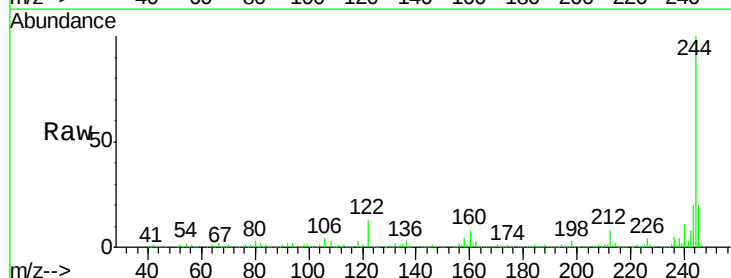
Tgt Ion:244 Resp: 675254

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

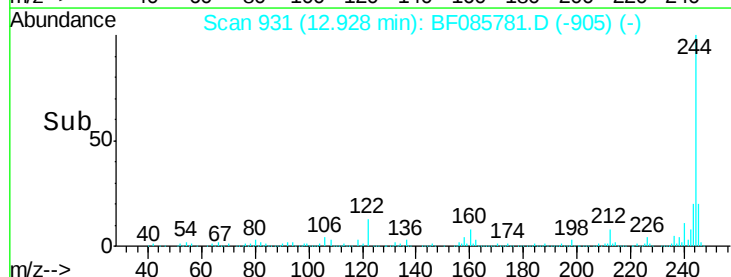
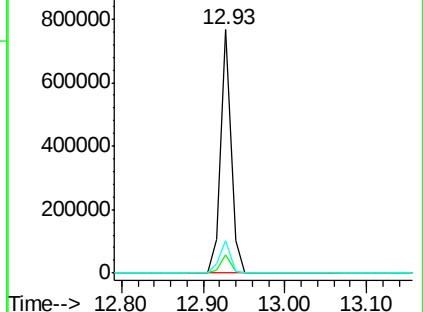
122 13.4 10.2 15.4

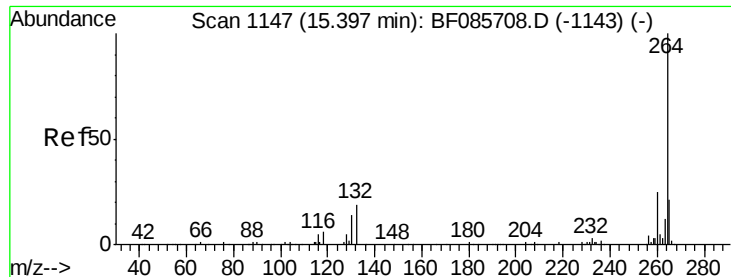


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085781.D
Acq: 26 Mar 2016 00:35

Instrument :
BNA_F
ClientSampleId :
13

Tgt Ion: 264 Resp: 175881
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 21.3 17.2 25.8

