

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085509.D
 Acq On : 17 Mar 2016 23:41
 Operator : UM/SJ
 Sample : H1774-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-23-COMP

Quant Time: Mar 18 00:51:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

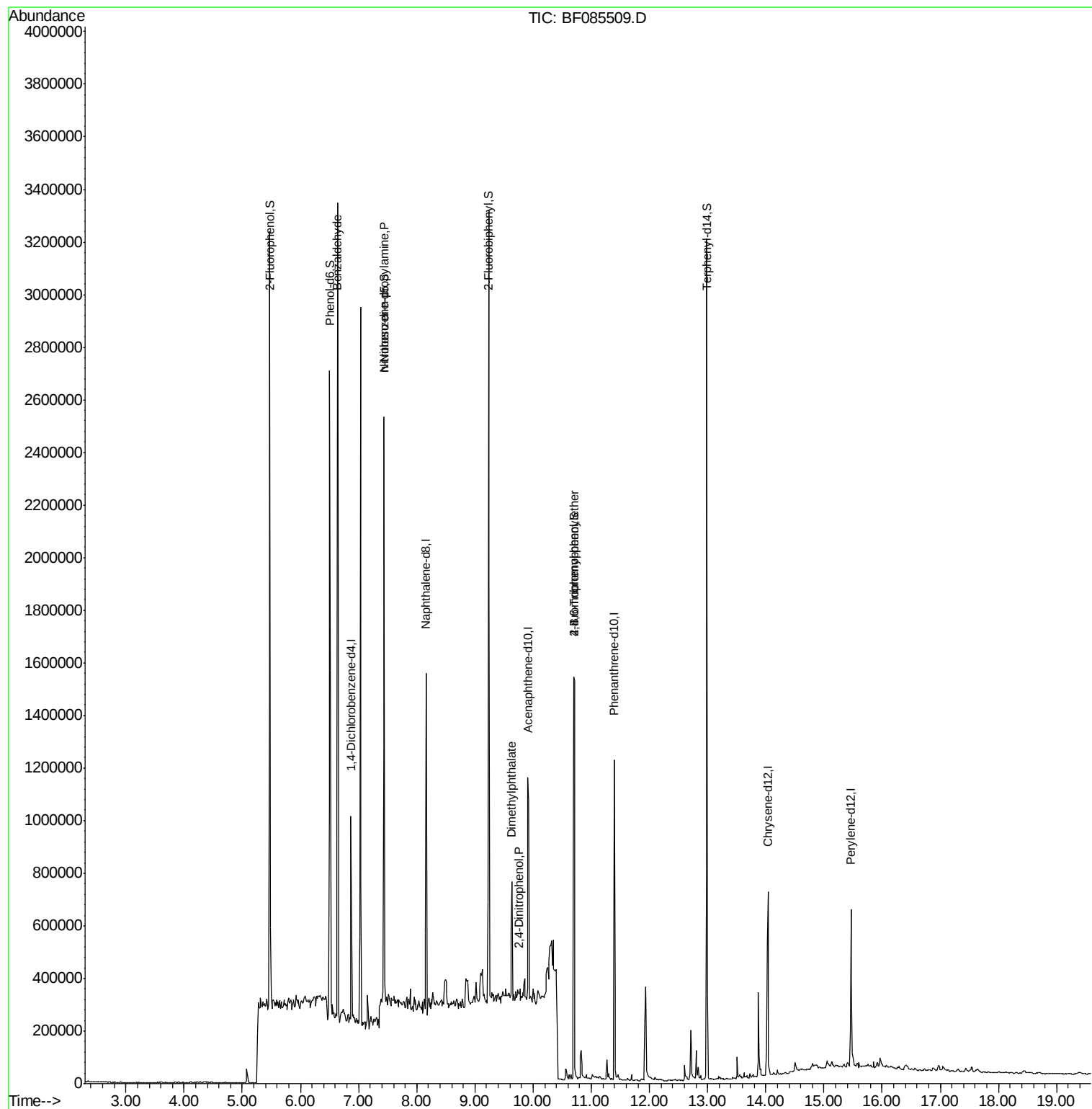
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	138070	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	571058	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	241534	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	442559	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	301080	20.00	ng	-0.05
86) Perylene-d12	15.47	264	269475	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	943283	117.44	ng	-0.03
7) Phenol-d6	6.50	99	1268040	121.70	ng	-0.05
23) Nitrobenzene-d5	7.44	82	820530	84.96	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	312551	140.49	ng	-0.05
44) 2-Fluorobiphenyl	9.24	172	1210226	86.93	ng	-0.05
78) Terphenyl-d14	12.98	244	970543	72.92	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.64	77	20551	3.53	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.44	70	110396	17.69	ng	# 77
49) Dimethylphthalate	9.64	163	234563	13.31	ng	99
53) 2,4-Dinitrophenol	9.75	184	2665	8.01	ng	89
66) 4-Bromophenyl-phenylether	10.71	248	19939	4.45	ng	# 1

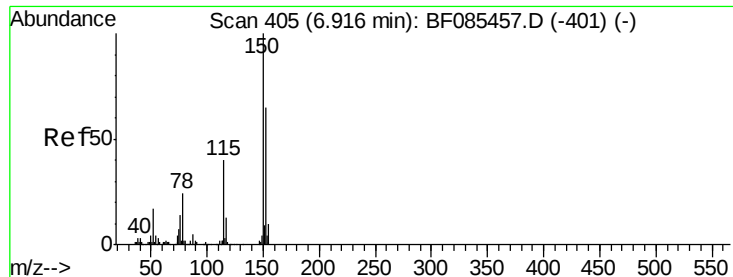
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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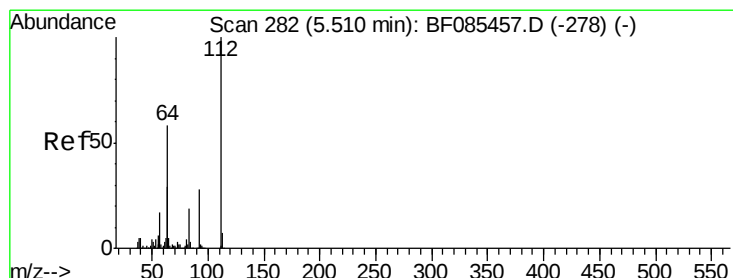
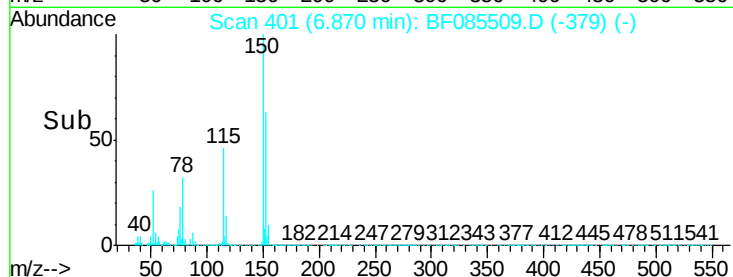
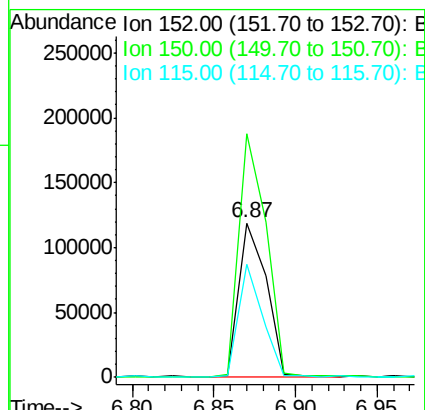
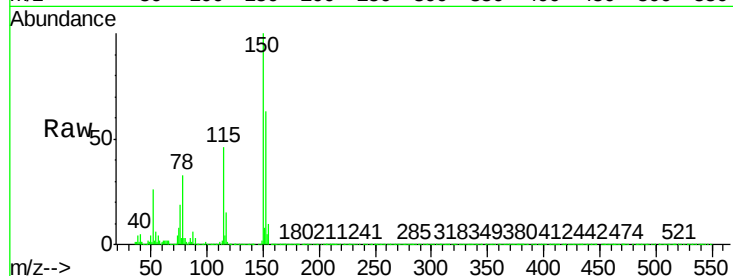


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF085509.D
Acq: 17 Mar 2016 23:41

Instrument :
BNA_F
ClientSampleId :
SB-23-COMP

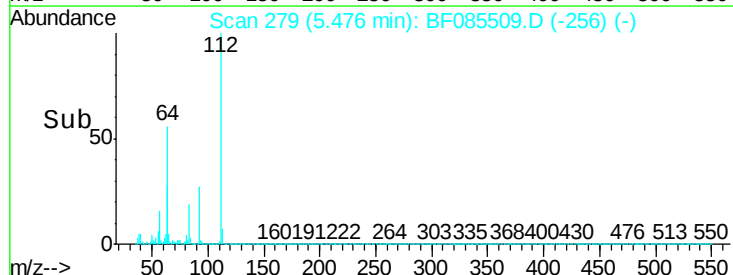
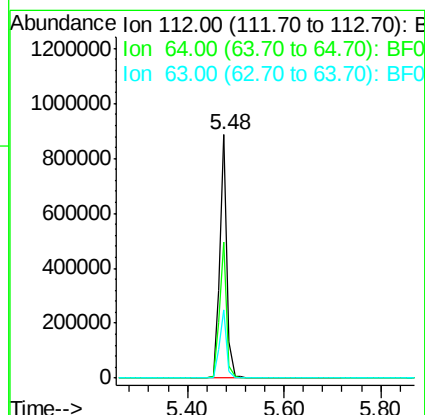
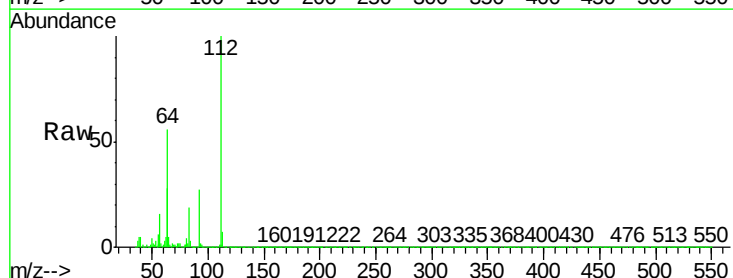
Tgt Ion:152 Resp: 138070
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 73.0 46.6 70.0#

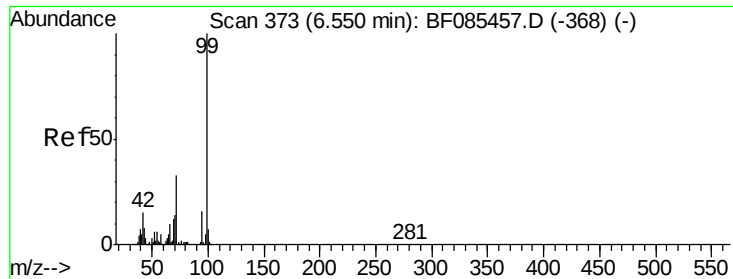


#5

2-Fluorophenol
Concen: 117.44 ng
RT: 5.48 min Scan# 279
Delta R.T. -0.03 min
Lab File: BF085509.D
Acq: 17 Mar 2016 23:41

Tgt Ion:112 Resp: 943283
Ion Ratio Lower Upper
112 100
64 56.1 49.0 73.4
63 28.1 24.8 37.2





#7

Phenol-d6

Concen: 121.70 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF085509.D

Acq: 17 Mar 2016 23:41

Instrument :

BNA_F

ClientSampleId :

SB-23-COMP

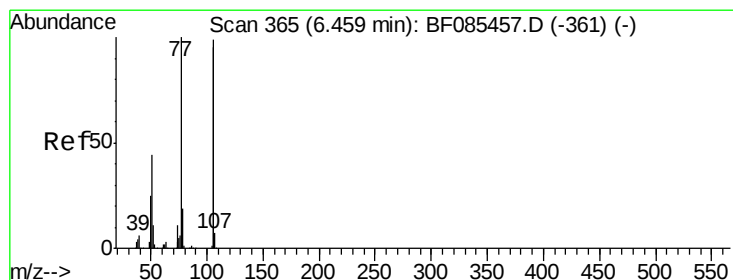
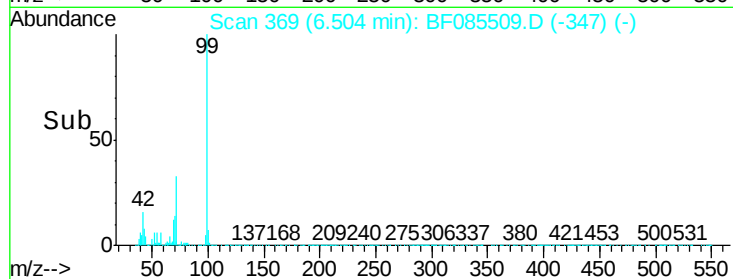
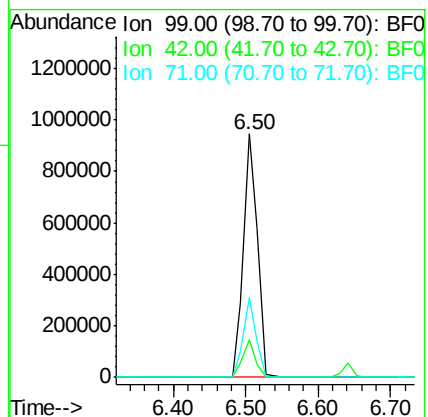
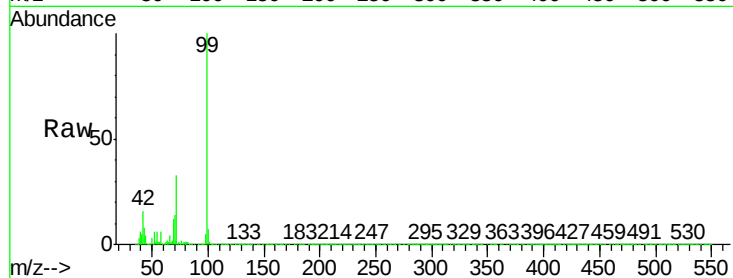
Tgt Ion: 99 Resp: 1268040

Ion Ratio Lower Upper

99 100

42 15.6 13.6 20.4

71 32.8 26.7 40.1



#9

Benzaldehyde

Concen: 3.53 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.18 min

Lab File: BF085509.D

Acq: 17 Mar 2016 23:41

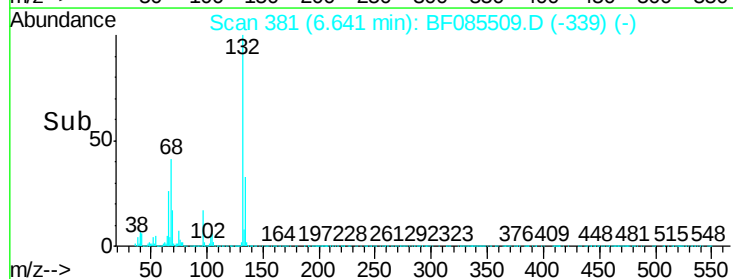
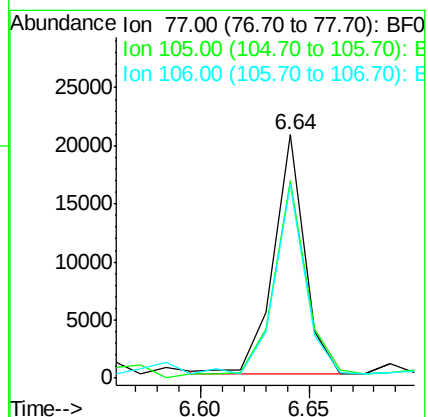
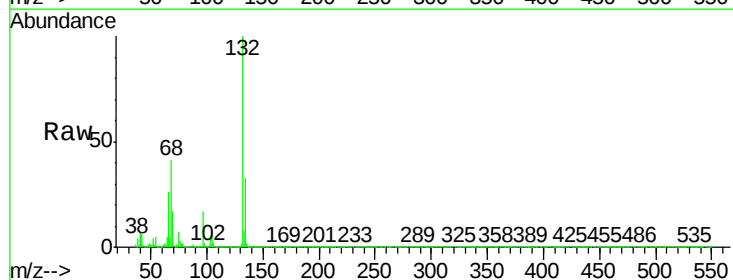
Tgt Ion: 77 Resp: 20551

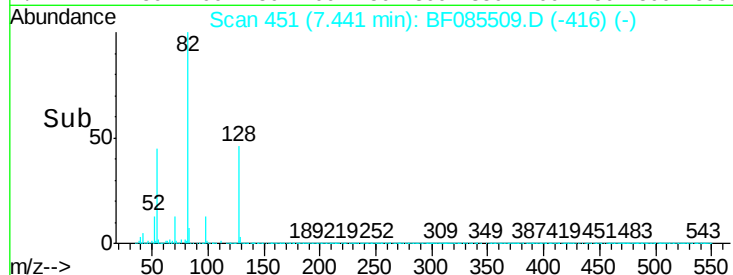
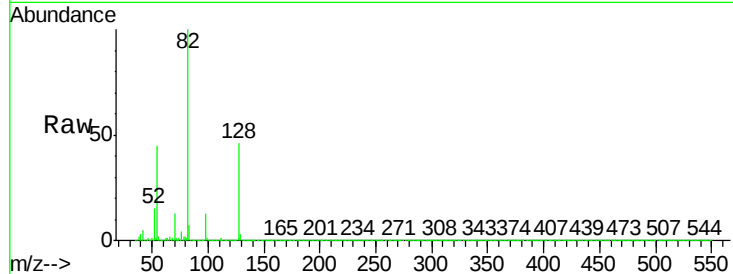
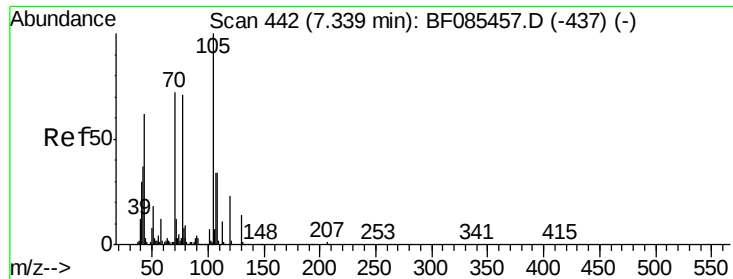
Ion Ratio Lower Upper

77 100

105 81.0 78.2 118.2

106 79.7 72.9 112.9

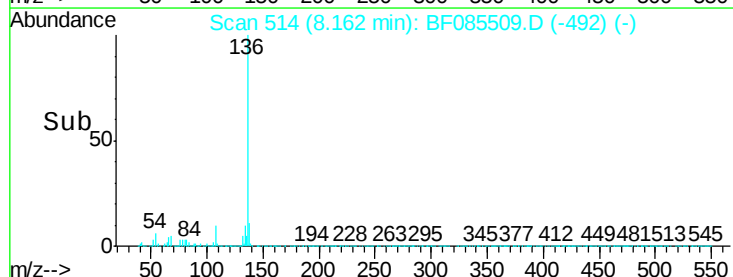
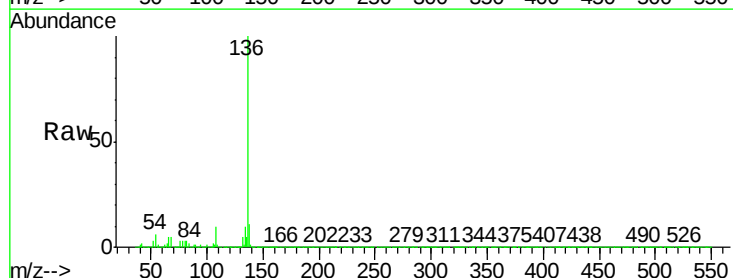
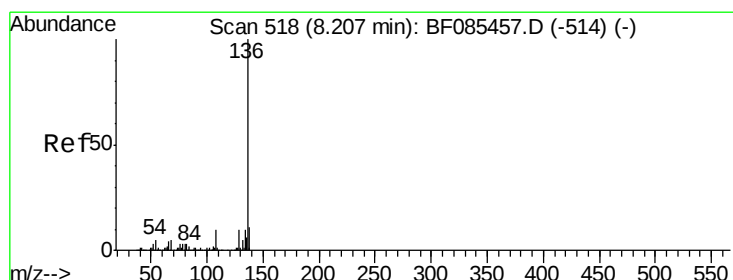
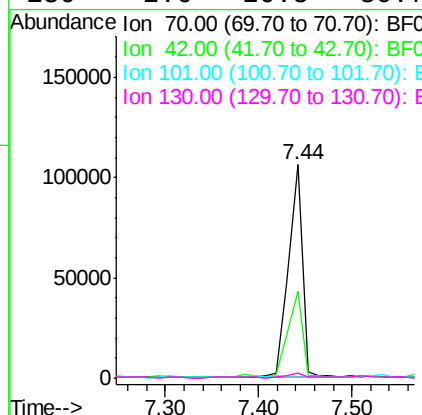




#19
n-Nitroso-di-n-propylamine
Concen: 17.69 ng
RT: 7.44 min Scan# 451
Delta R.T. 0.10 min
Lab File: BF085509.D
Acq: 17 Mar 2016 23:41

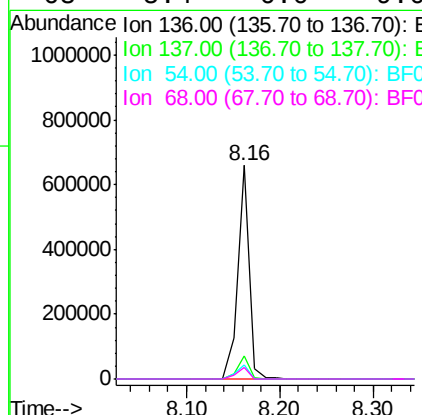
Instrument :
BNA_F
ClientSampleId :
SB-23-COMP

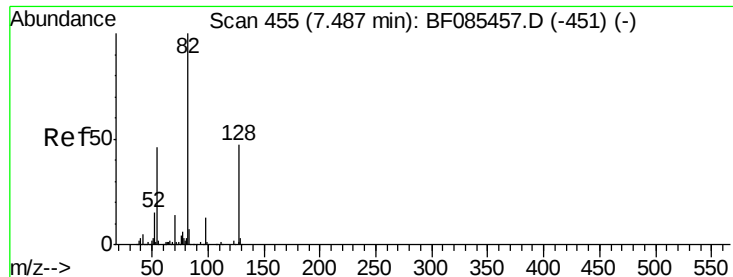
Tgt Ion: 70 Resp: 110396
Ion Ratio Lower Upper
70 100
42 40.7 37.7 56.5
101 0.7 8.2 12.4#
130 2.6 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF085509.D
Acq: 17 Mar 2016 23:41

Tgt Ion: 136 Resp: 571058
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 6.3 7.4 11.2#
68 5.4 6.0 9.0#





#23

Nitrobenzene-d5

Concen: 84.96 ng

RT: 7.44 min Scan# 451

Delta R.T. -0.05 min

Lab File: BF085509.D

Acq: 17 Mar 2016 23:41

Instrument :

BNA_F

ClientSampleId :

SB-23-COMP

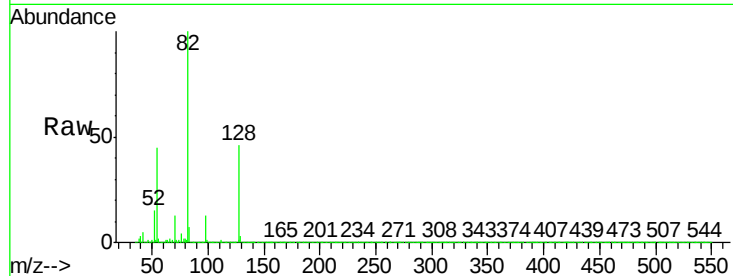
Tgt Ion: 82 Resp: 820530

Ion Ratio Lower Upper

82 100

128 46.2 34.5 51.7

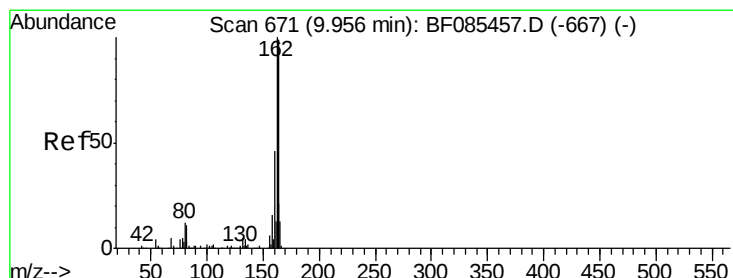
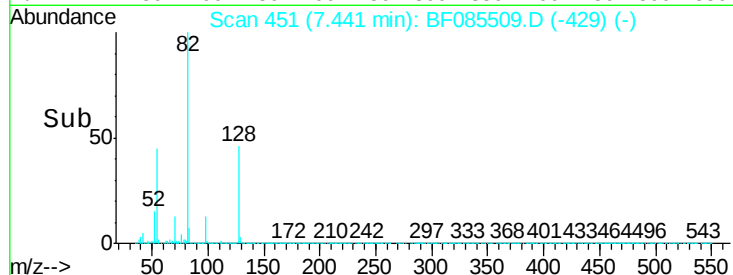
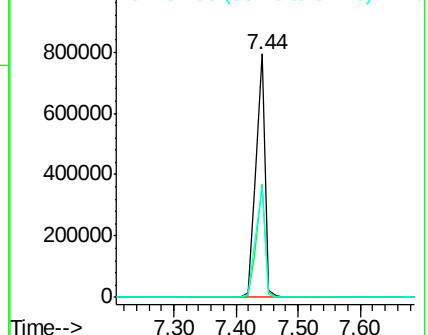
54 45.4 39.3 58.9



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF085509.D

Acq: 17 Mar 2016 23:41

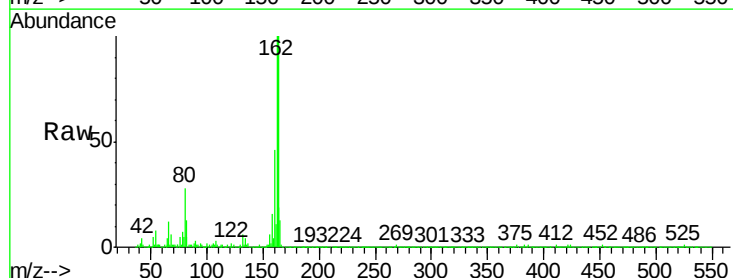
Tgt Ion: 164 Resp: 241534

Ion Ratio Lower Upper

164 100

162 100.2 83.3 124.9

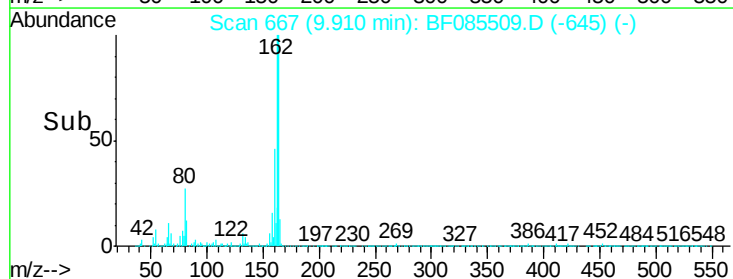
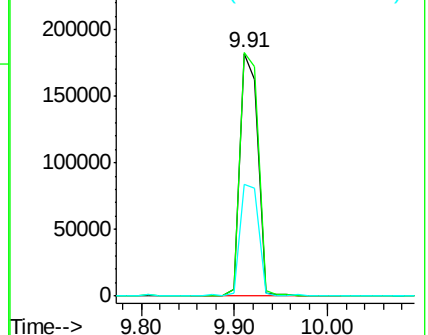
160 46.1 37.9 56.9

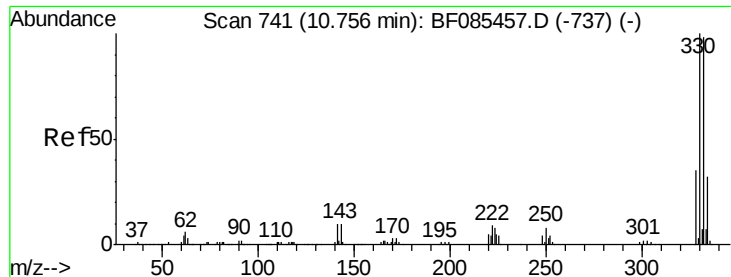


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

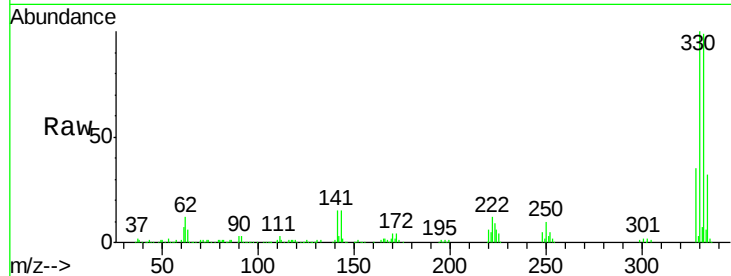




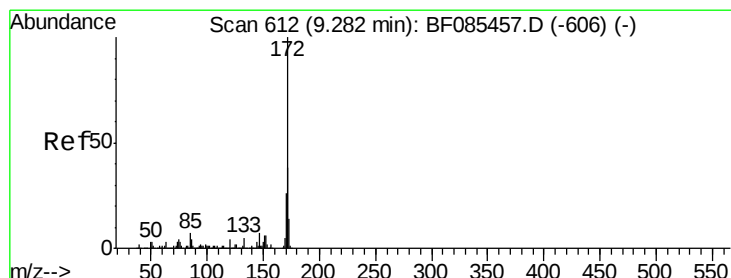
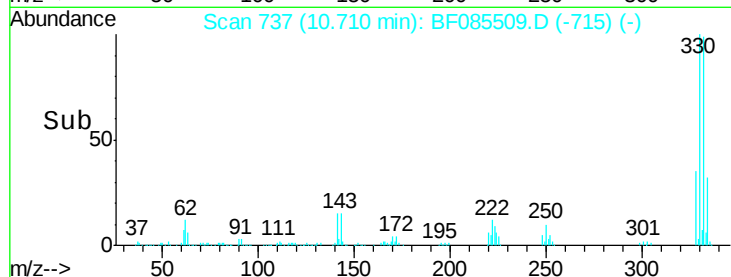
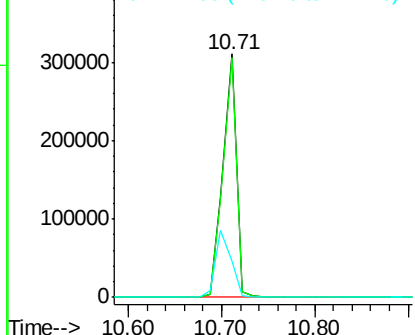
#41
 2,4,6-Tribromophenol
 Concen: 140.49 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF085509.D
 Acq: 17 Mar 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-23-COMP

Tgt Ion:330 Resp: 312551
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.1 115.7
 141 32.0 35.0 52.6#

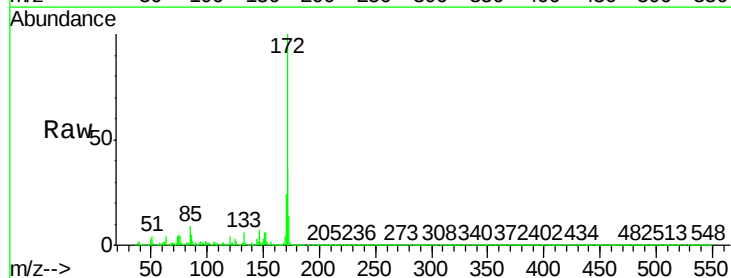


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

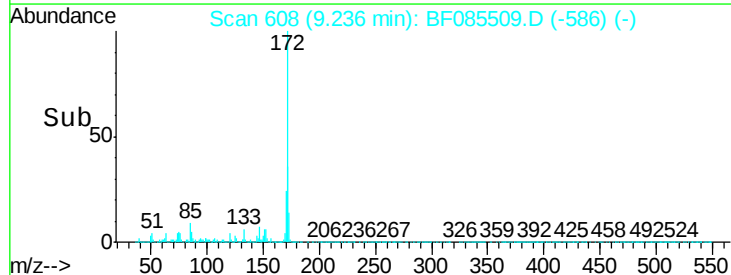
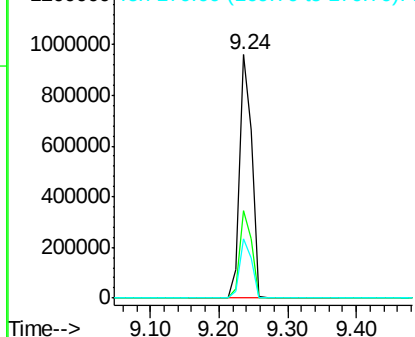


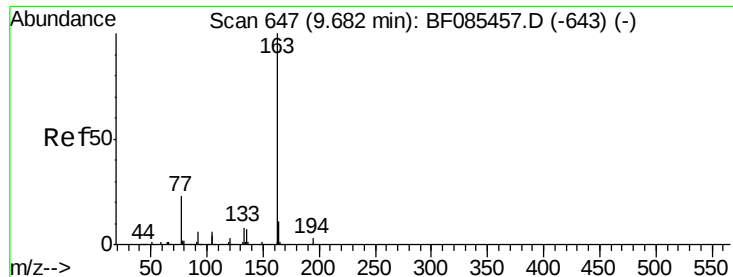
#44
 2-Fluorobiphenyl
 Concen: 86.93 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF085509.D
 Acq: 17 Mar 2016 23:41

Tgt Ion:172 Resp: 1210226
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.3 43.9
 170 24.4 20.0 30.0



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

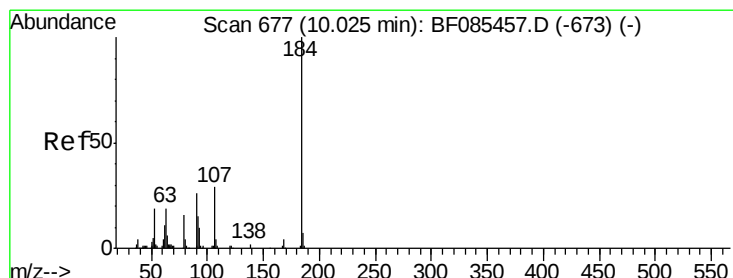
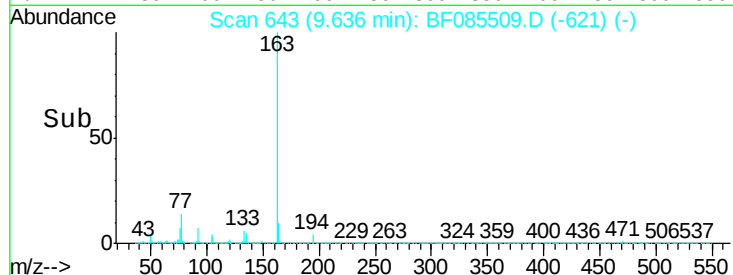
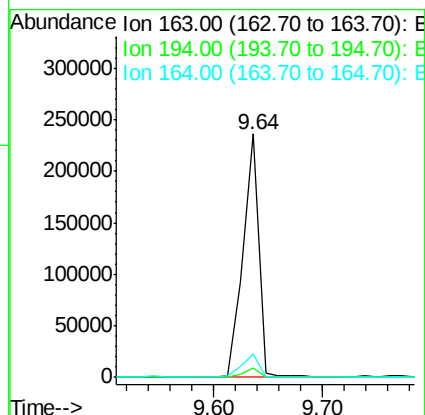
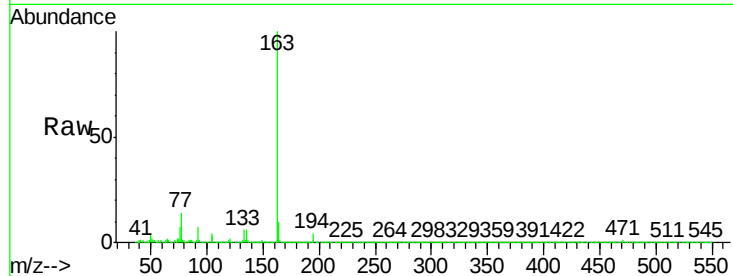




#49
Dimethylphthalate
Concen: 13.31 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF085509.D
Acq: 17 Mar 2016 23:41

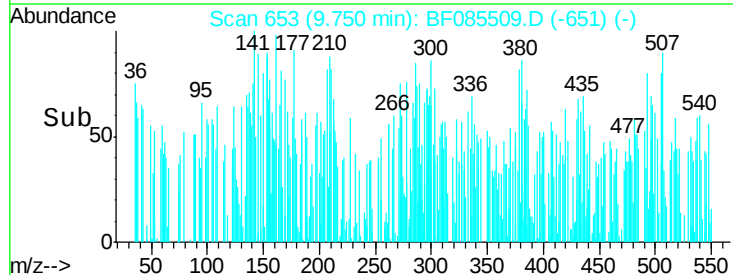
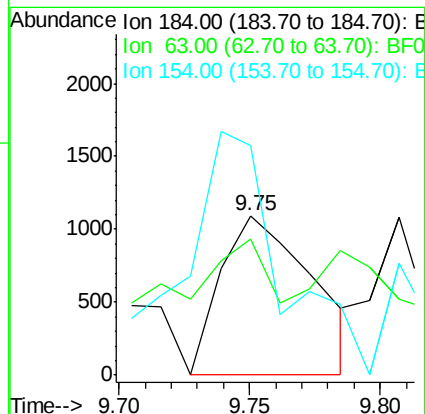
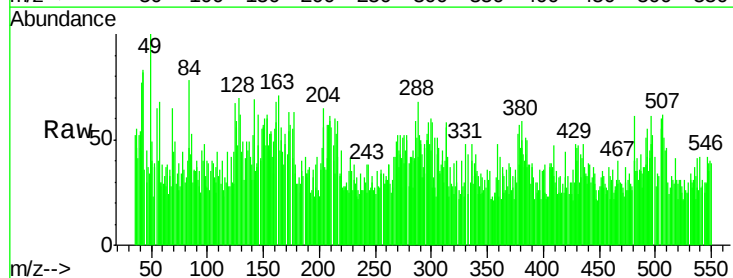
Instrument :
BNA_F
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SB-23-COMP

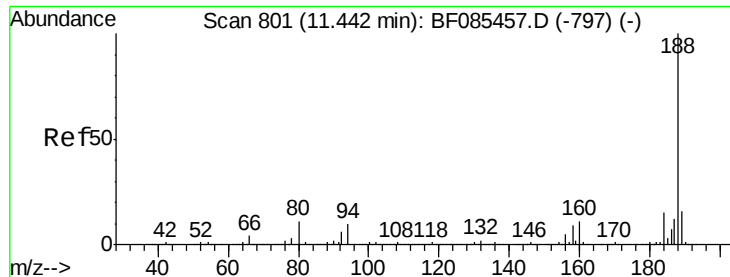
Tgt Ion:163 Resp: 234563
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.9 8.2 12.4



#53
2,4-Dinitrophenol
Concen: 8.01 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.27 min
Lab File: BF085509.D
Acq: 17 Mar 2016 23:41

Tgt Ion:184 Resp: 2665
Ion Ratio Lower Upper
184 100
63 85.5 82.2 123.4
154 144.0 108.9 163.3

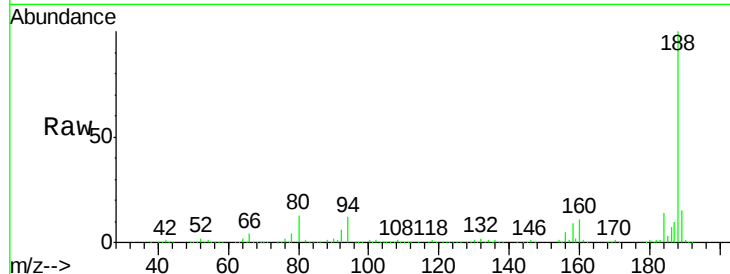




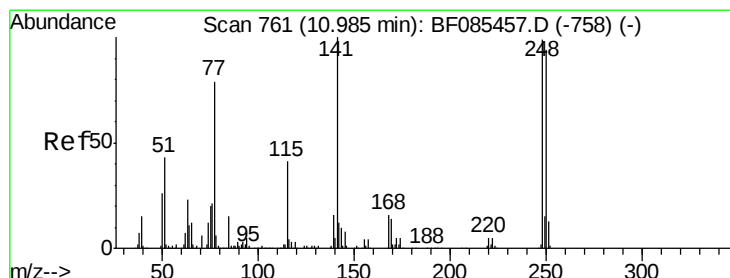
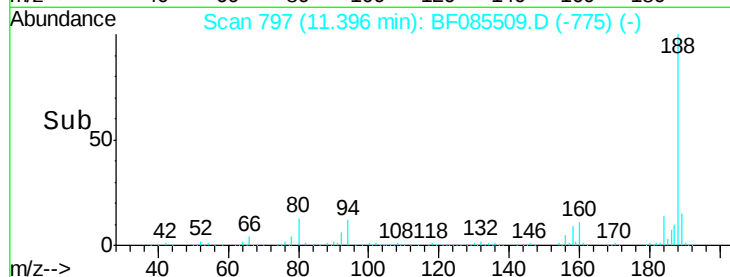
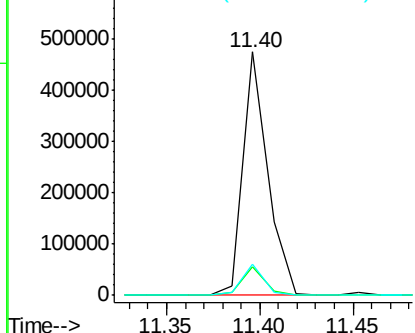
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.05 min
Lab File: BF085509.D
Acq: 17 Mar 2016 23:41

Instrument :
BNA_F
ClientSampleId :
SB-23-COMP

Tgt Ion:188 Resp: 442559
Ion Ratio Lower Upper
188 100
94 11.8 7.0 10.6#
80 12.9 7.4 11.0#

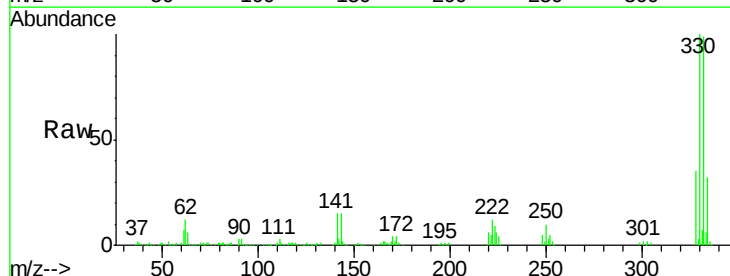


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

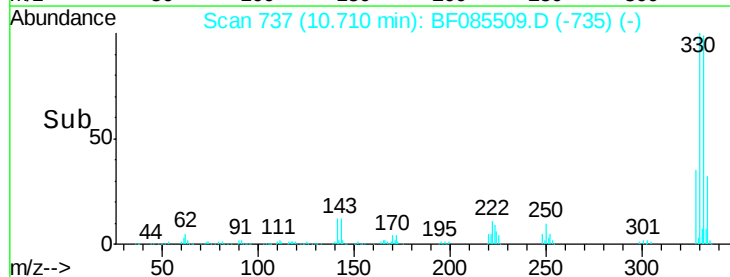
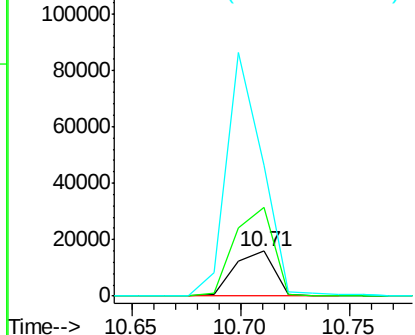


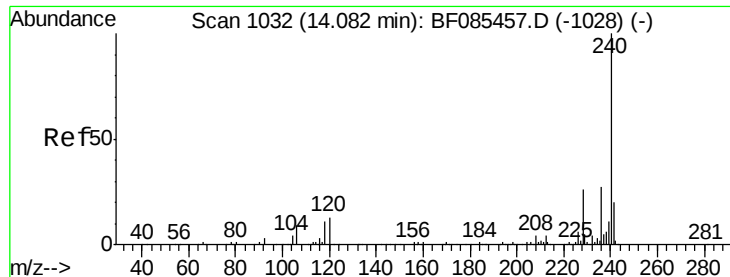
#66
4-Bromophenyl-phenylether
Concen: 4.45 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.27 min
Lab File: BF085509.D
Acq: 17 Mar 2016 23:41

Tgt Ion:248 Resp: 19939
Ion Ratio Lower Upper
248 100
250 199.5 77.1 115.7#
141 292.1 66.2 99.2#



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: 14.04 min Scan# 1028

Delta R.T. -0.05 min

Lab File: BF085509.D

Acq: 17 Mar 2016 23:41

Instrument :

BNA_F

ClientSampleId :

SB-23-COMP

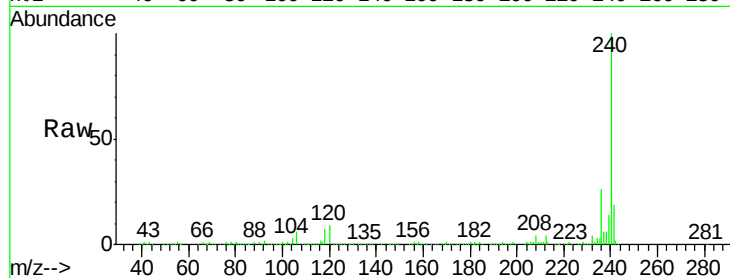
Tgt Ion:240 Resp: 301080

Ion Ratio Lower Upper

240 100

120 8.7 5.3 7.9#

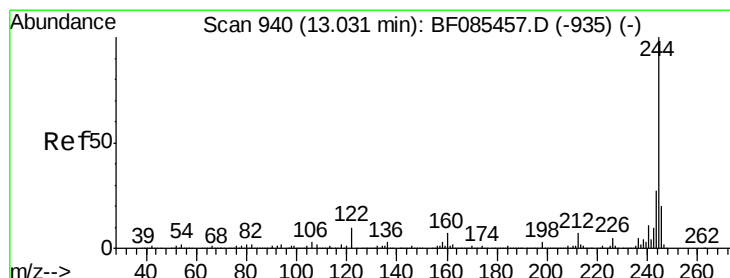
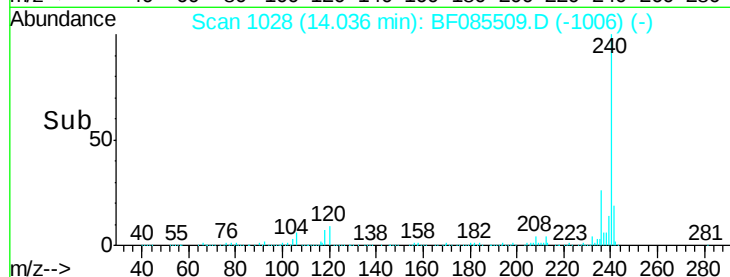
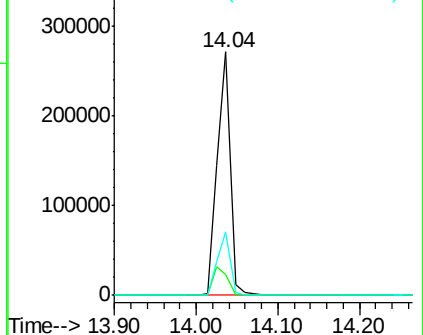
236 26.1 20.7 31.1



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: 72.92 ng

RT: 12.98 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF085509.D

Acq: 17 Mar 2016 23:41

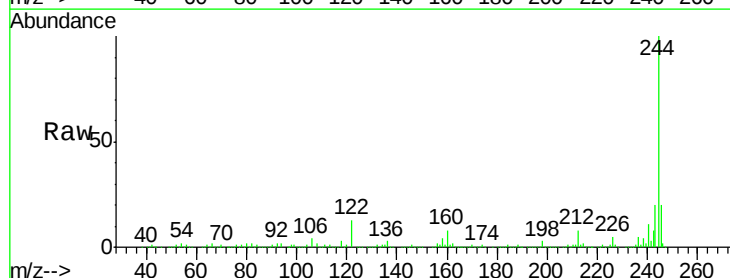
Tgt Ion:244 Resp: 970543

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

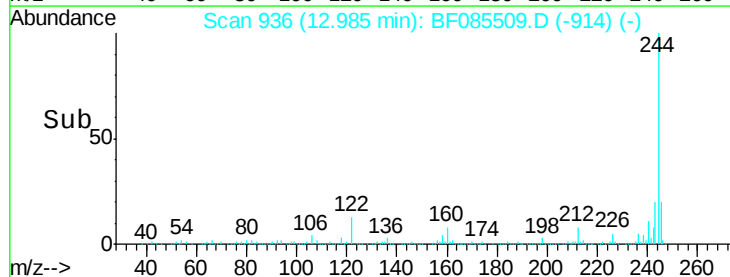
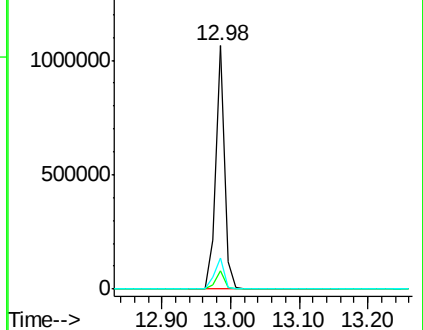
122 12.8 11.4 17.2

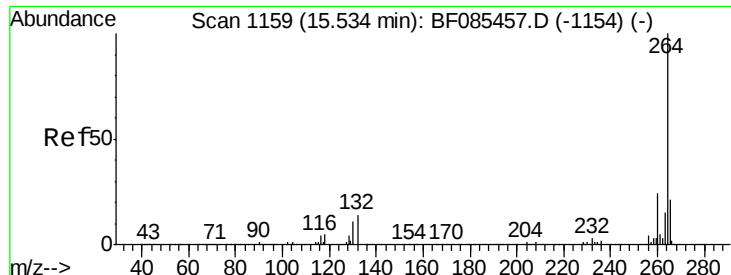


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

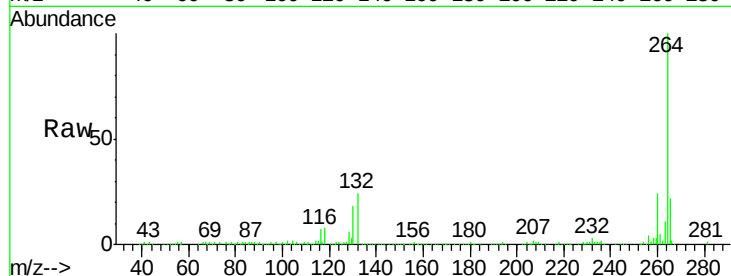




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF085509.D
Acq: 17 Mar 2016 23:41

Instrument :
BNA_F
ClientSampleId :
SB-23-COMP

Tgt Ion: 264 Resp: 269475
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.6 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

