

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085502.D
 Acq On : 17 Mar 2016 20:22
 Operator : UM/SJ
 Sample : H1792-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3RE

Quant Time: Mar 18 00:47:04 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

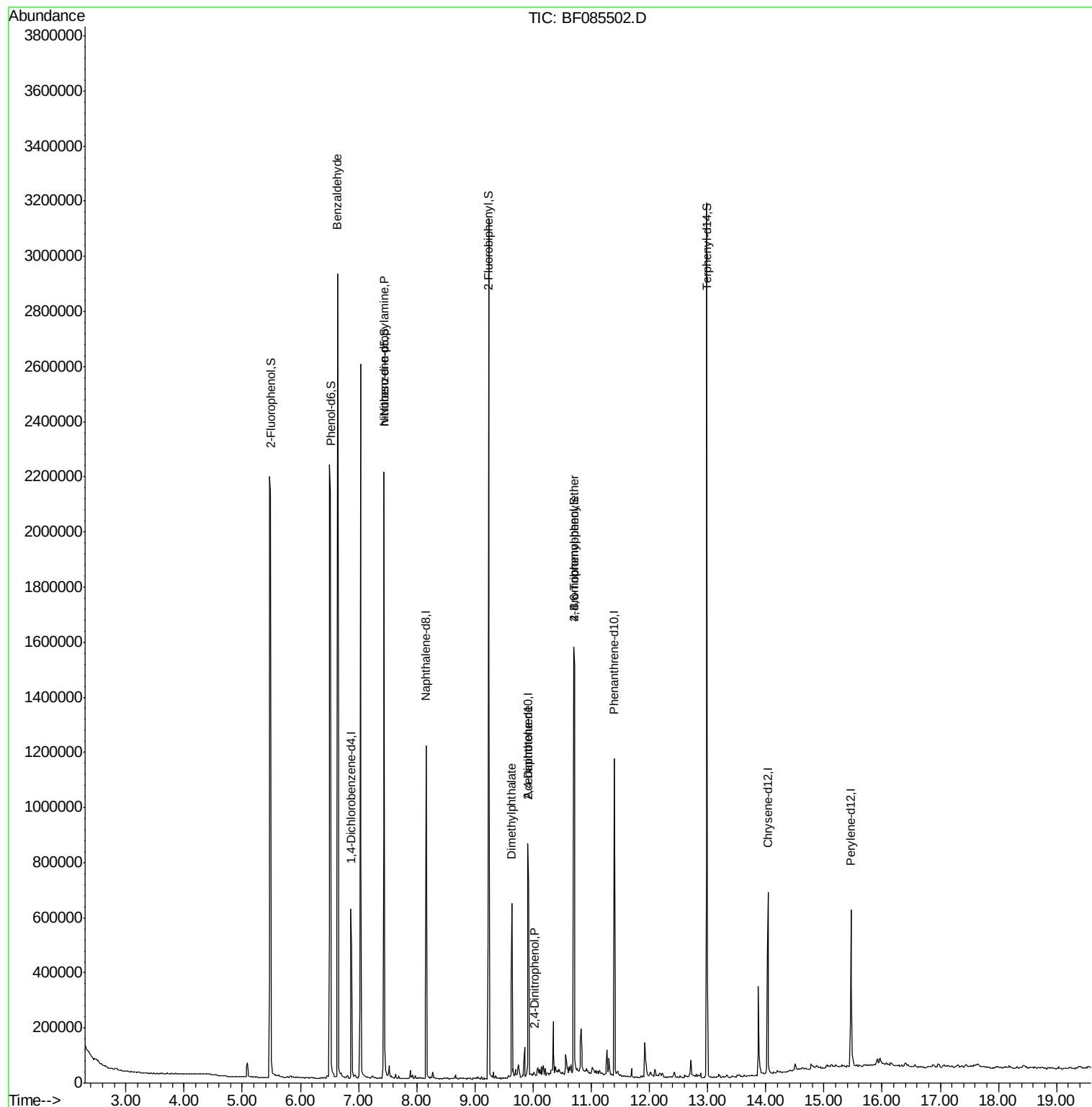
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	129945	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	545099	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	232193	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	413211	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	278723	20.00	ng	-0.05
86) Perylene-d12	15.47	264	257628	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1038437	137.37	ng	-0.02
7) Phenol-d6	6.52	99	1367519	139.46	ng	-0.03
23) Nitrobenzene-d5	7.44	82	810302	87.89	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	312266	146.01	ng	-0.05
44) 2-Fluorobiphenyl	9.24	172	1213506	90.67	ng	-0.05
78) Terphenyl-d14	12.98	244	963871	78.23	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.64	77	21259	3.88	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.44	70	107769	18.35	ng	# 77
49) Dimethylphthalate	9.64	163	310596	18.33	ng	98
53) 2,4-Dinitrophenol	10.02	184	211	6.97	ng	# 1
56) 2,4-Dinitrotoluene	9.91	165	29760	6.34	ng	# 22
66) 4-Bromophenyl-phenylether	10.71	248	19857	4.75	ng	# 1

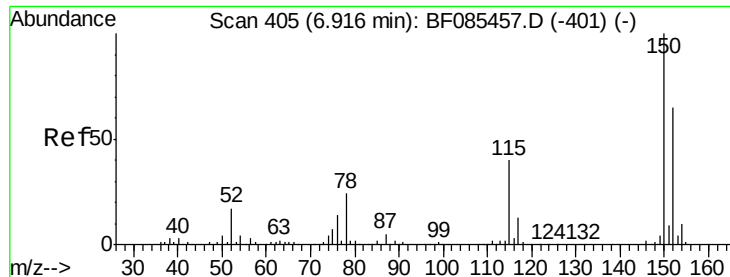
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF085502.D

Acq: 17 Mar 2016 20:22

Instrument :

BNA_F

ClientSampleId :

SP-3RE

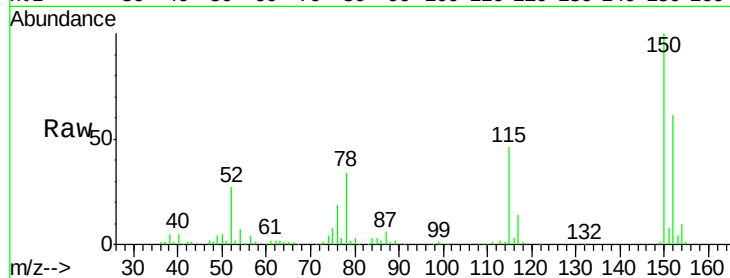
Tgt Ion:152 Resp: 129945

Ion Ratio Lower Upper

152 100

150 163.0 124.6 186.8

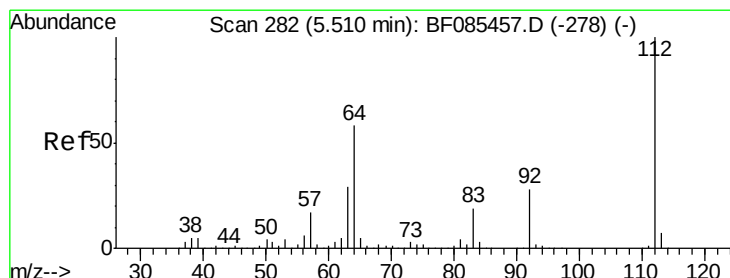
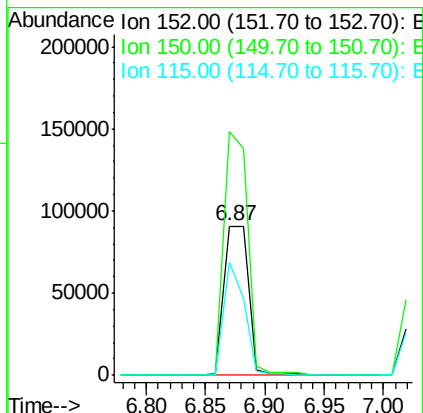
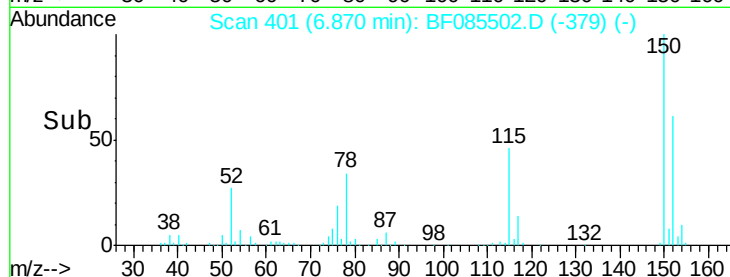
115 75.6 46.6 70.0#



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: 137.37 ng

RT: 5.49 min Scan# 280

Delta R.T. -0.02 min

Lab File: BF085502.D

Acq: 17 Mar 2016 20:22

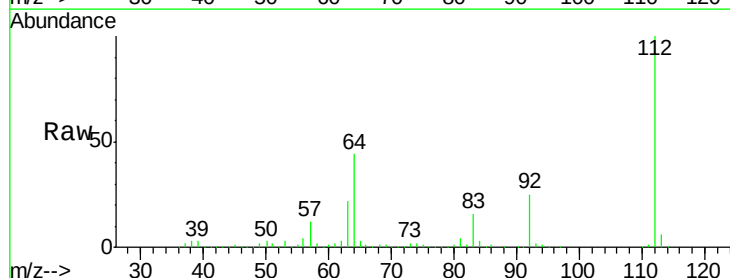
Tgt Ion:112 Resp: 1038437

Ion Ratio Lower Upper

112 100

64 44.2 49.0 73.4#

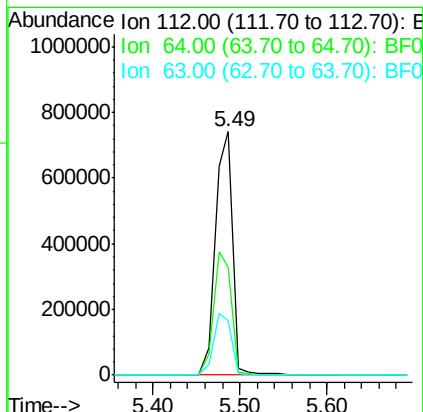
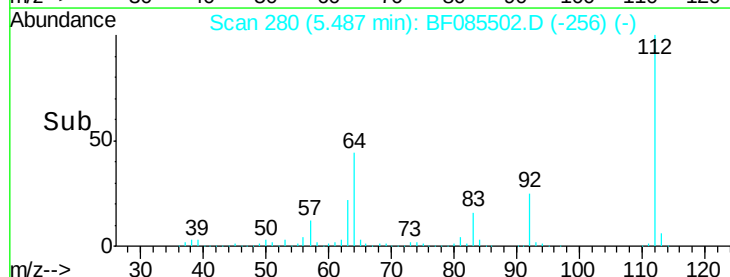
63 22.2 24.8 37.2#

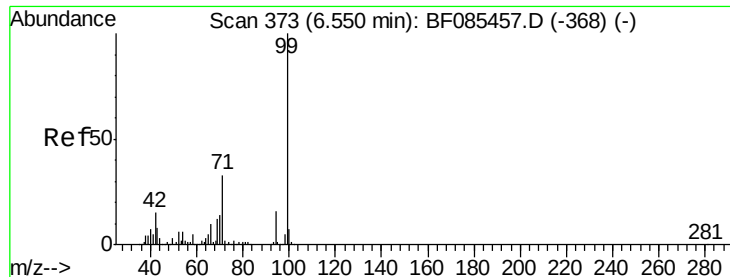


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.46 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF085502.D

Acq: 17 Mar 2016 20:22

Instrument :

BNA_F

ClientSampleId :

SP-3RE

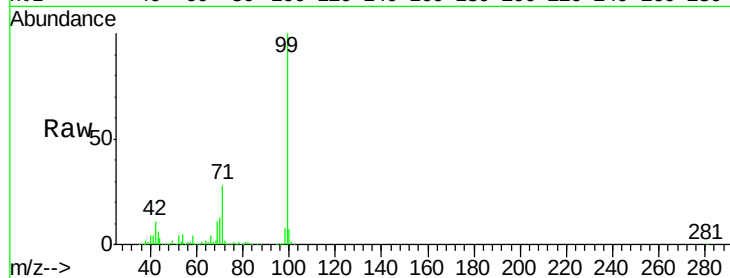
Tgt Ion: 99 Resp: 1367519

Ion Ratio Lower Upper

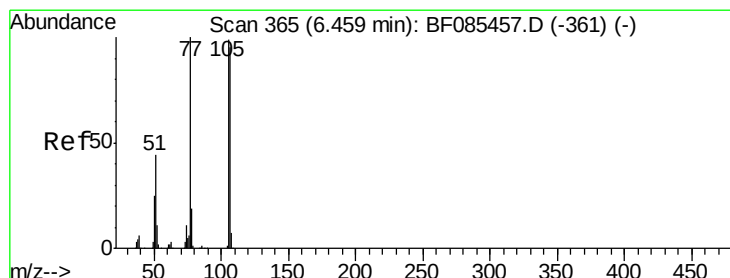
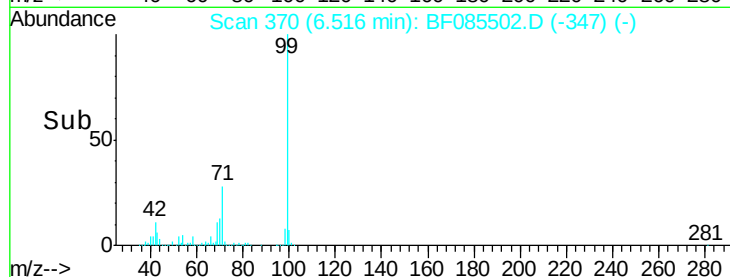
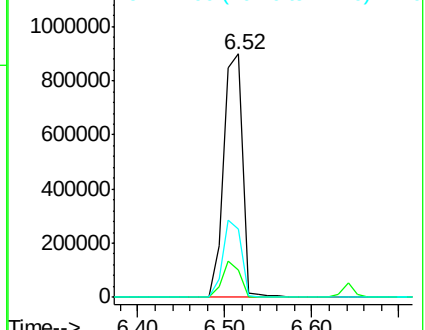
99 100

42 11.3 13.6 20.4#

71 28.0 26.7 40.1



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



#9

Benzaldehyde

Concen: 3.88 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.18 min

Lab File: BF085502.D

Acq: 17 Mar 2016 20:22

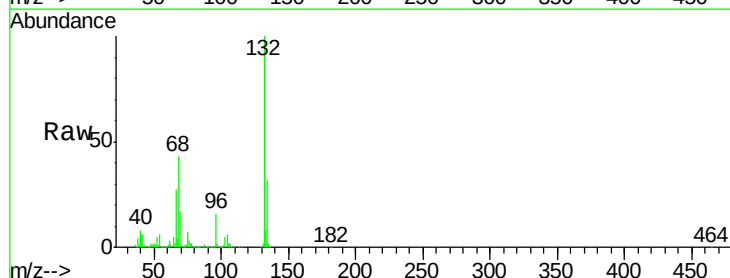
Tgt Ion: 77 Resp: 21259

Ion Ratio Lower Upper

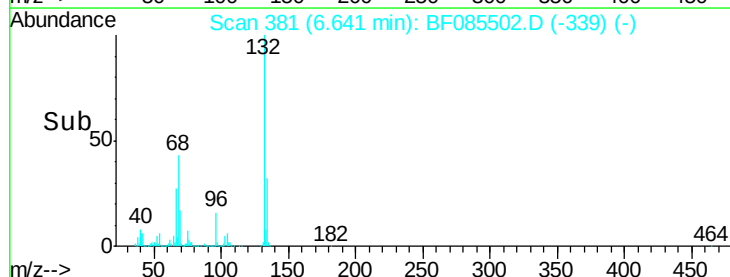
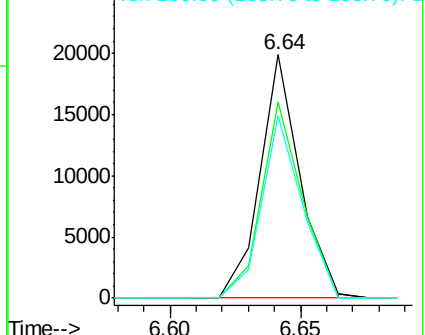
77 100

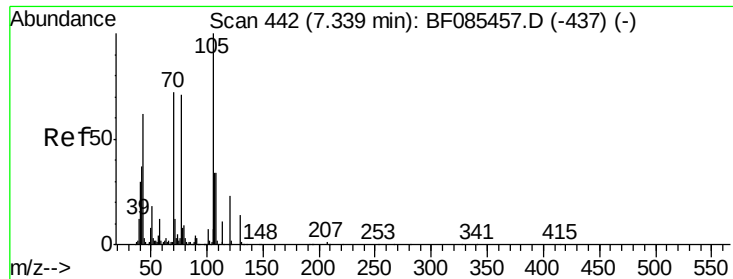
105 80.7 78.2 118.2

106 74.8 72.9 112.9



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





#19

n-Nitroso-di-n-propylamine

Concen: 18.35 ng

RT: 7.44 min Scan# 451

Delta R.T. 0.10 min

Lab File: BF085502.D

Acq: 17 Mar 2016 20:22

Instrument :

BNA_F

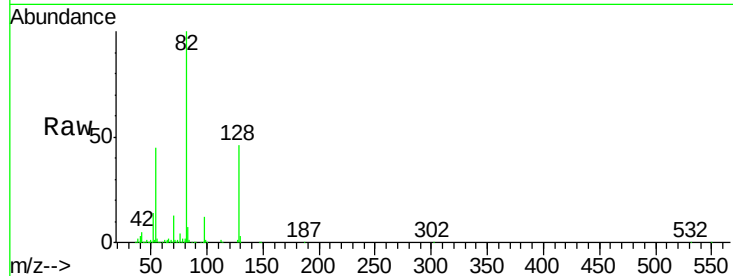
ClientSampleId :

SP-3RE

Tgt Ion: 70 Resp: 107769

Ion Ratio Lower Upper

70	100		
42	40.3	37.7	56.5
101	0.0	8.2	12.4#
130	2.4	20.5	30.7#

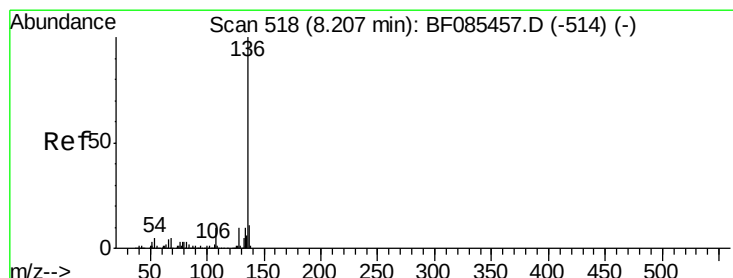
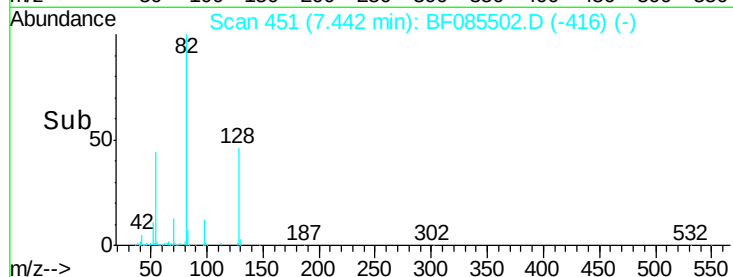
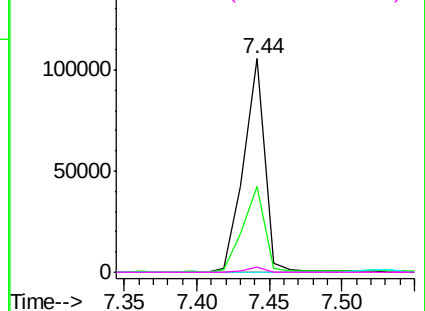


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.16 min Scan# 514

Delta R.T. -0.05 min

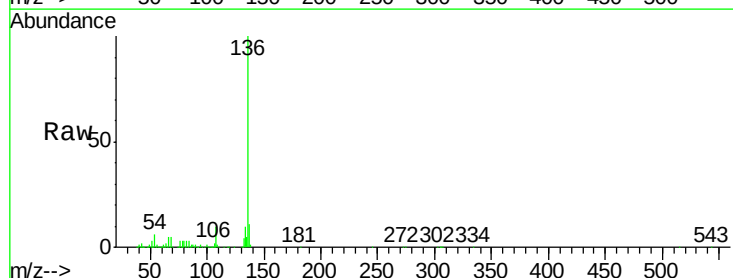
Lab File: BF085502.D

Acq: 17 Mar 2016 20:22

Tgt Ion: 136 Resp: 545099

Ion Ratio Lower Upper

136	100		
137	11.0	9.3	13.9
54	6.1	7.4	11.2#
68	5.3	6.0	9.0#

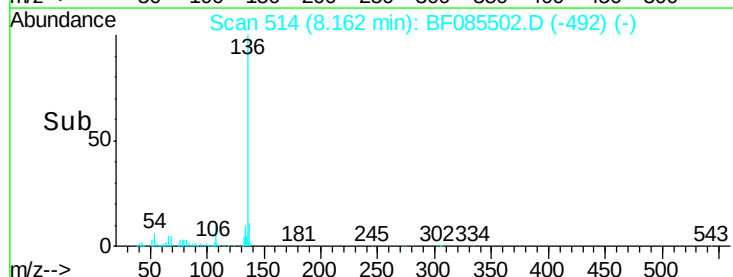
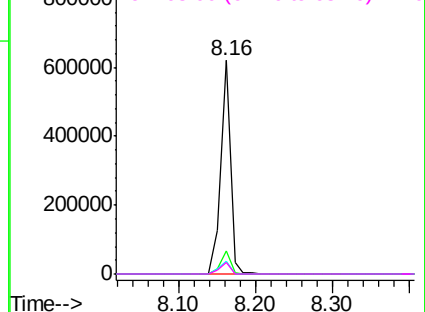


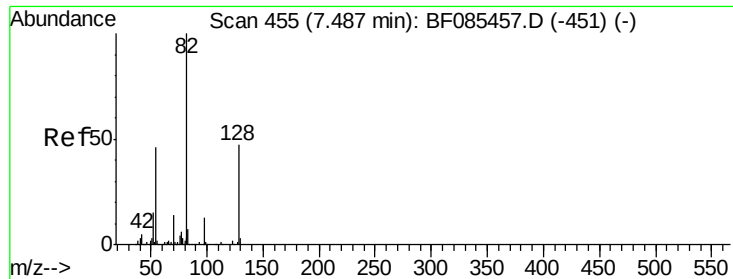
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

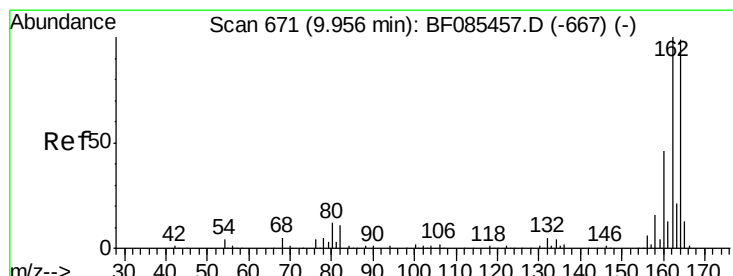
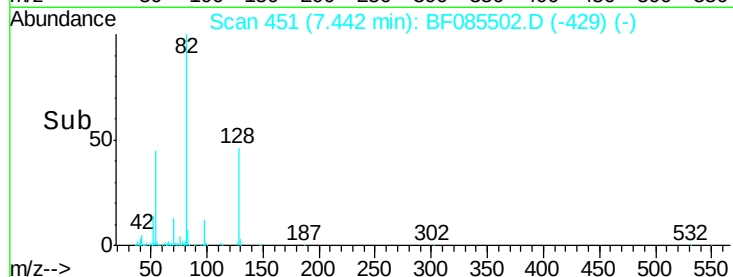
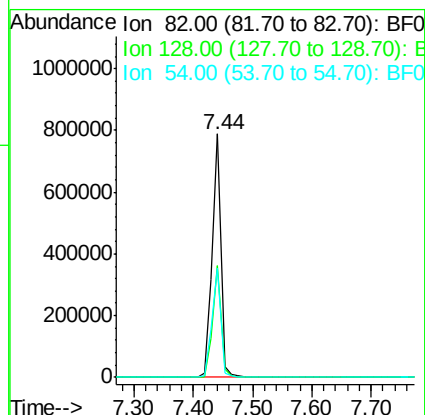
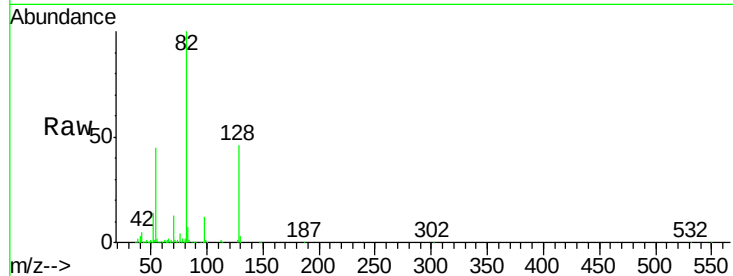




#23
 Nitrobenzene-d5
 Concen: 87.89 ng
 RT: 7.44 min Scan# 451
 Delta R.T. -0.05 min
 Lab File: BF085502.D
 Acq: 17 Mar 2016 20:22

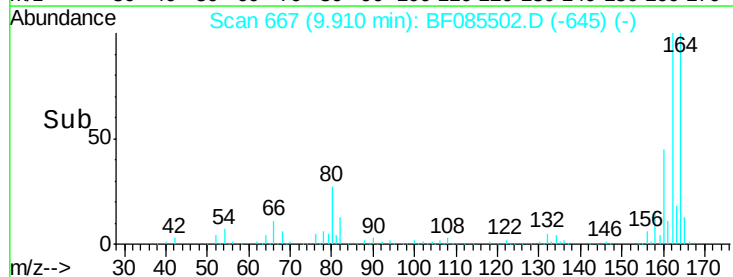
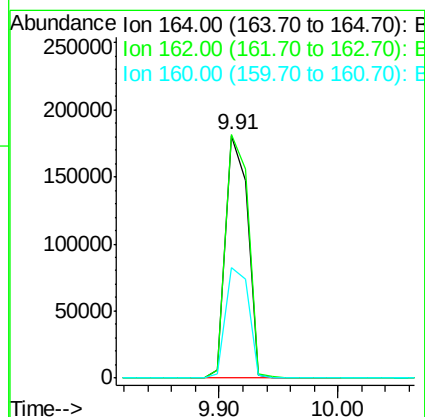
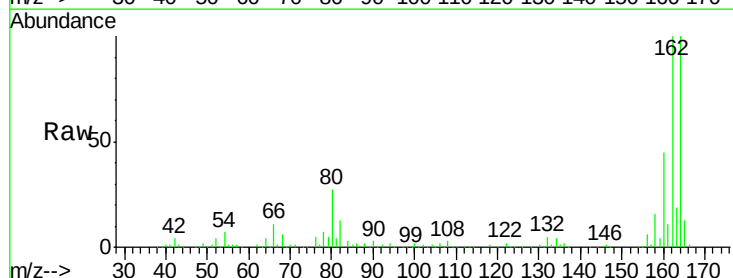
Instrument :
 BNA_F
 ClientSampleId :
 SP-3RE

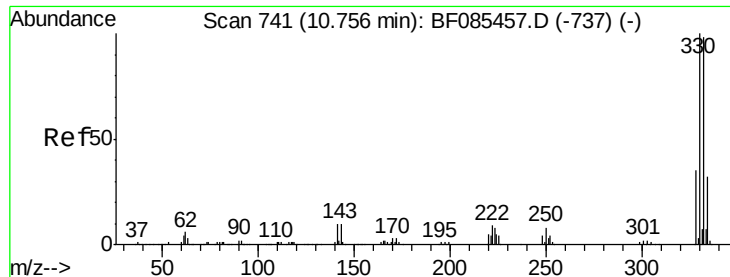
Tgt Ion: 82 Resp: 810302
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.5 51.7
 54 45.0 39.3 58.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 667
 Delta R.T. -0.05 min
 Lab File: BF085502.D
 Acq: 17 Mar 2016 20:22

Tgt Ion: 164 Resp: 232193
 Ion Ratio Lower Upper
 164 100
 162 100.3 83.3 124.9
 160 45.4 37.9 56.9

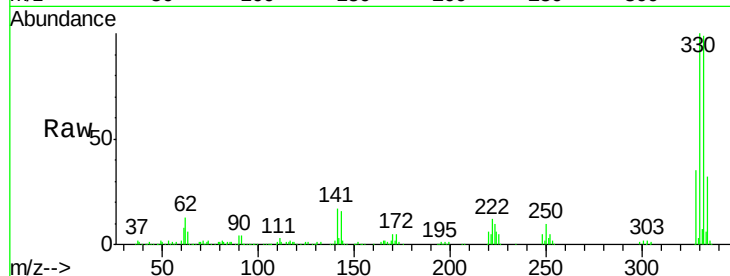




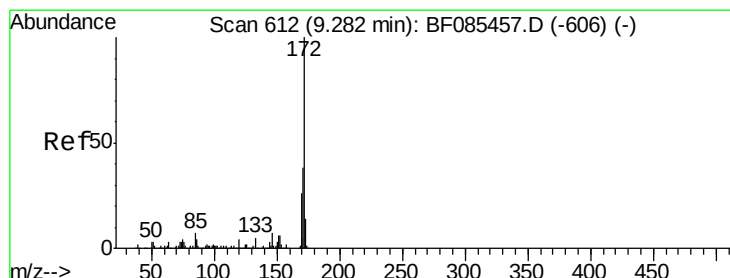
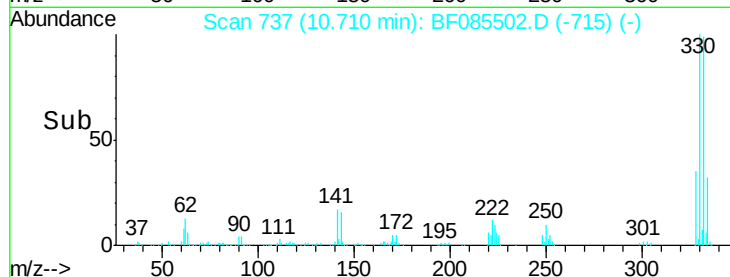
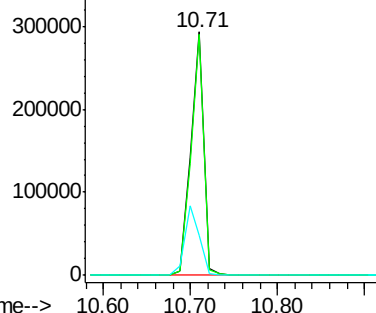
#41
 2,4,6-Tribromophenol
 Concen: 146.01 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF085502.D
 Acq: 17 Mar 2016 20:22

Instrument :
 BNA_F
 ClientSampleId :
 SP-3RE

Tgt Ion:330 Resp: 312266
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.1 115.7
 141 32.9 35.0 52.6#

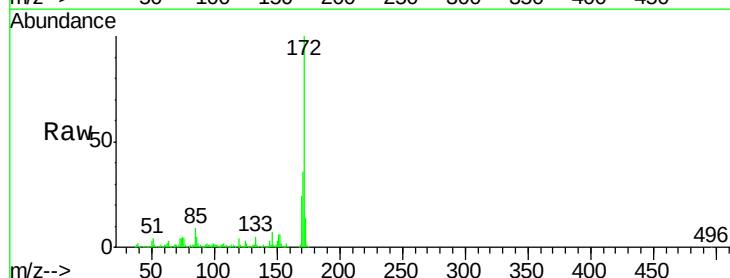


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

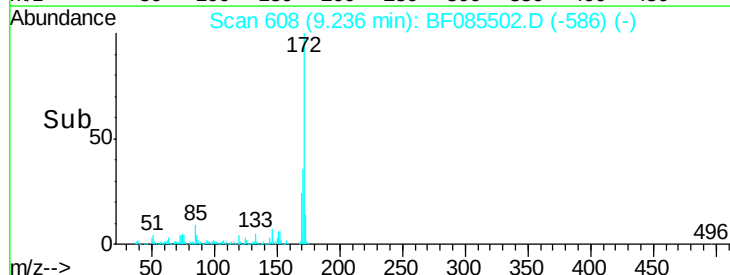
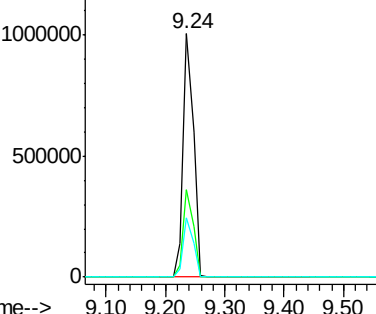


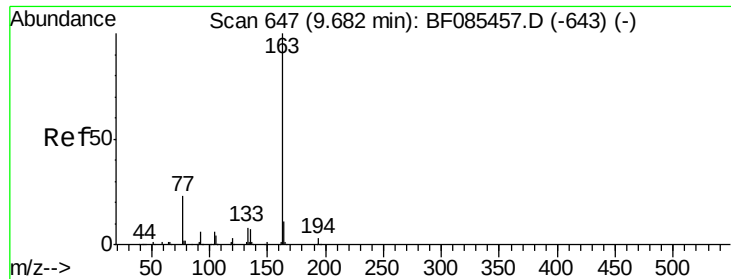
#44
 2-Fluorobiphenyl
 Concen: 90.67 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF085502.D
 Acq: 17 Mar 2016 20:22

Tgt Ion:172 Resp: 1213506
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.3 43.9
 170 24.2 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

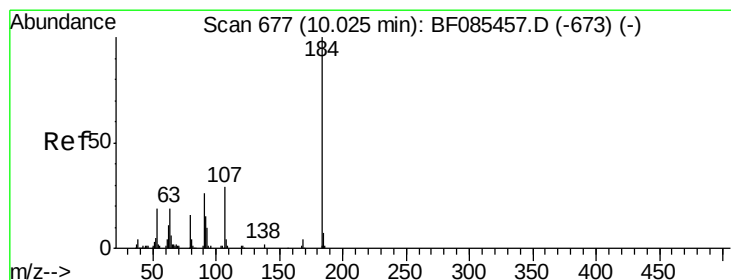
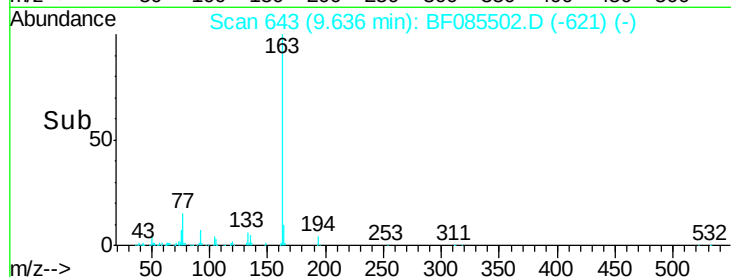
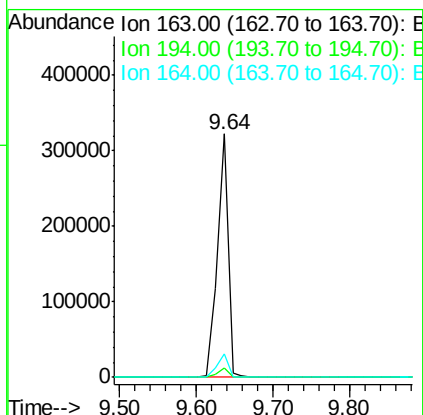
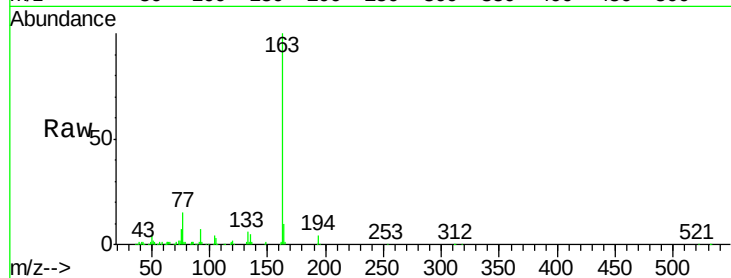




#49
Dimethylphthalate
Concen: 18.33 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF085502.D
Acq: 17 Mar 2016 20:22

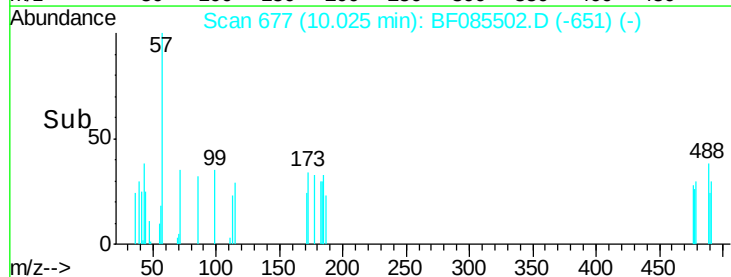
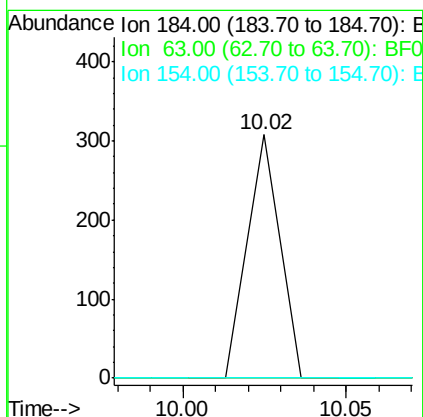
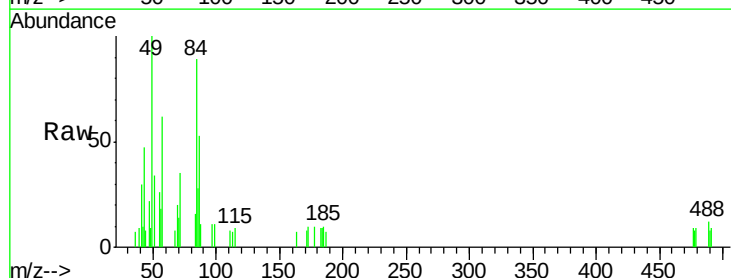
Instrument :
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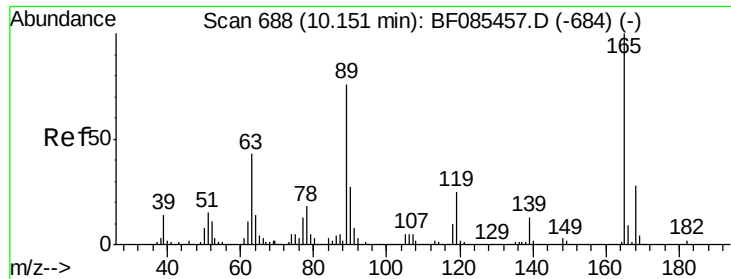
Tgt Ion:163 Resp: 310596
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 9.5 8.2 12.4



#53
2,4-Dinitrophenol
Concen: 6.97 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF085502.D
Acq: 17 Mar 2016 20:22

Tgt Ion:184 Resp: 211
Ion Ratio Lower Upper
184 100
63 0.0 82.2 123.4#
154 0.0 108.9 163.3#

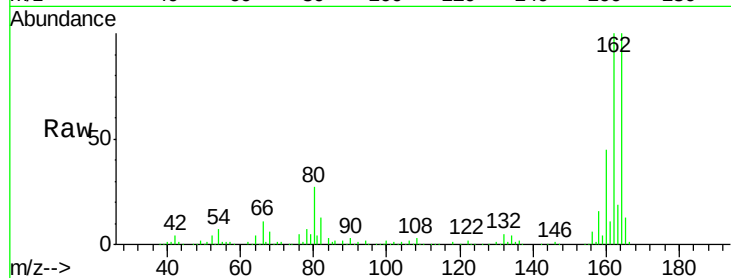




#56
 2,4-Dinitrotoluene
 Concen: 6.34 ng
 RT: 9.91 min Scan# 667
 Delta R.T. -0.24 min
 Lab File: BF085502.D
 Acq: 17 Mar 2016 20:22

Instrument :
 BNA_F
 ClientSampleId :
 SP-3RE

Tgt Ion:	165	Resp:	29760
Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.4	53.0#
89	2.1	61.9	92.9#
182	0.0	1.9	2.9#

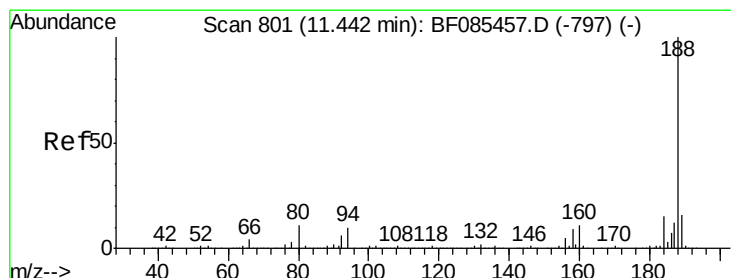
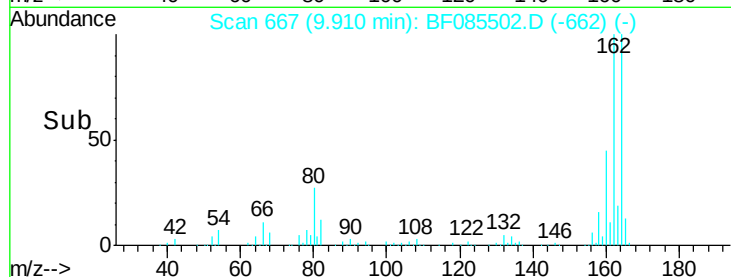
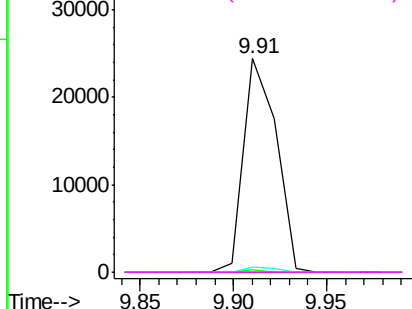


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

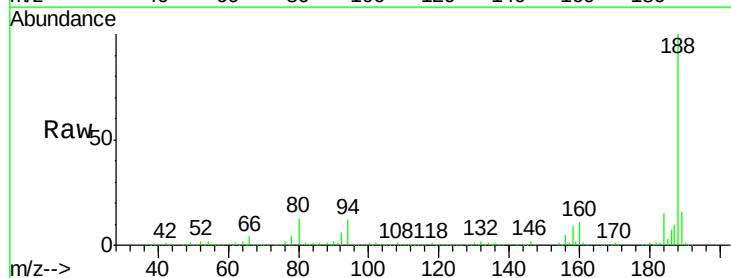
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.05 min
 Lab File: BF085502.D
 Acq: 17 Mar 2016 20:22

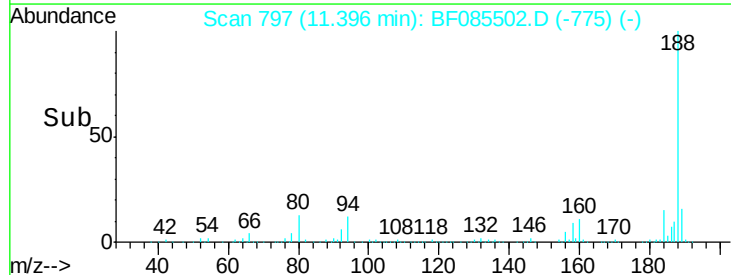
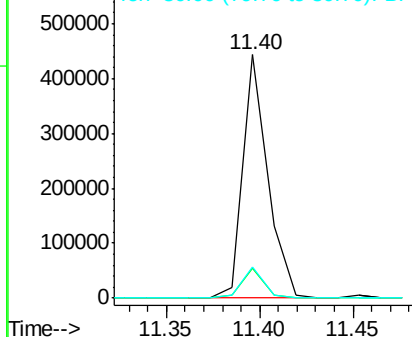
Tgt Ion:	188	Resp:	413211
Ion	Ratio	Lower	Upper
188	100		
94	12.2	7.0	10.6#
80	12.9	7.4	11.0#

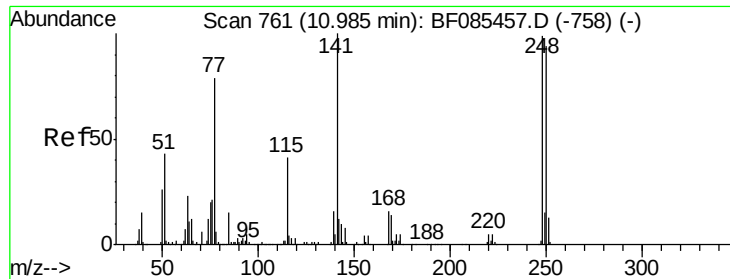


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.75 ng

RT: 10.71 min Scan# 737

Delta R.T. -0.27 min

Lab File: BF085502.D

Acq: 17 Mar 2016 20:22

Instrument :

BNA_F

ClientSampled :

SP-3RE

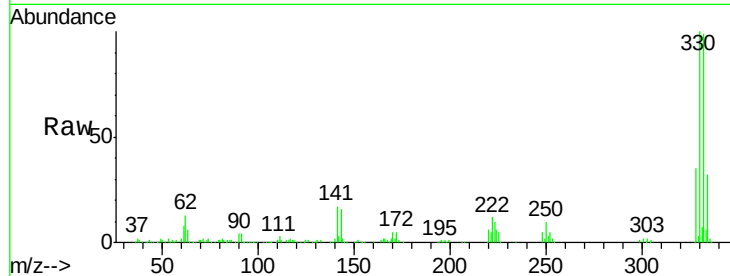
Tgt Ion:248 Resp: 19857

Ion Ratio Lower Upper

248 100

250 198.9 77.1 115.7#

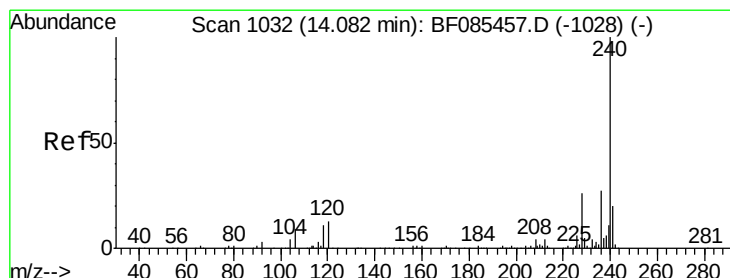
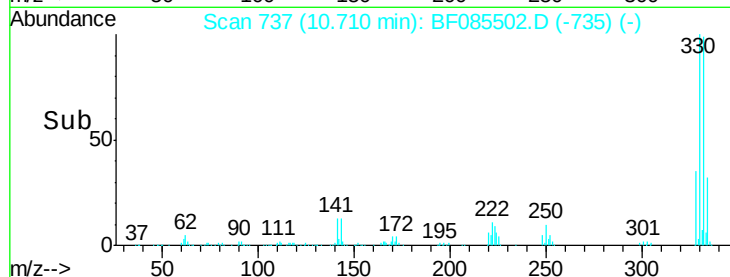
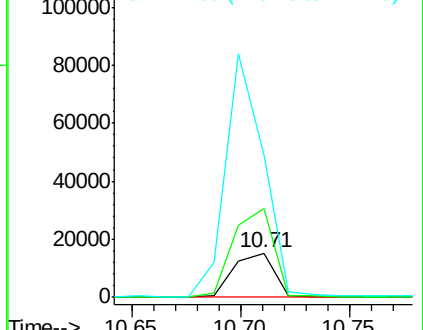
141 319.7 66.2 99.2#



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: BF085502.D

Acq: 17 Mar 2016 20:22

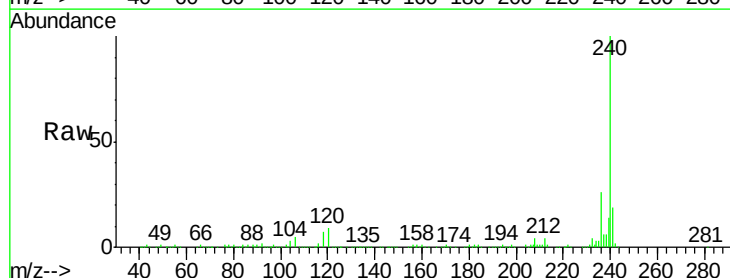
Tgt Ion:240 Resp: 278723

Ion Ratio Lower Upper

240 100

120 8.5 5.3 7.9#

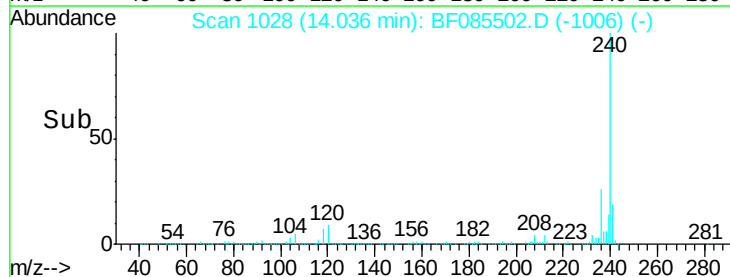
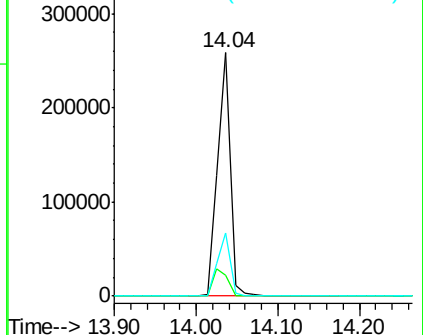
236 26.0 20.7 31.1

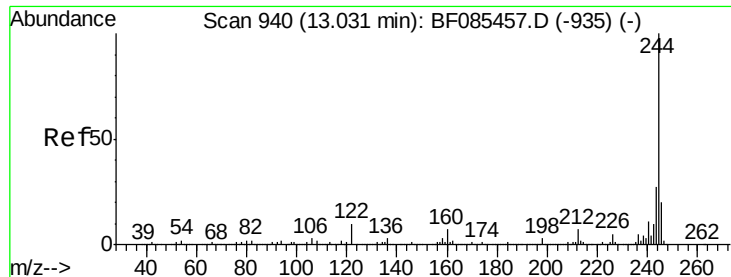


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

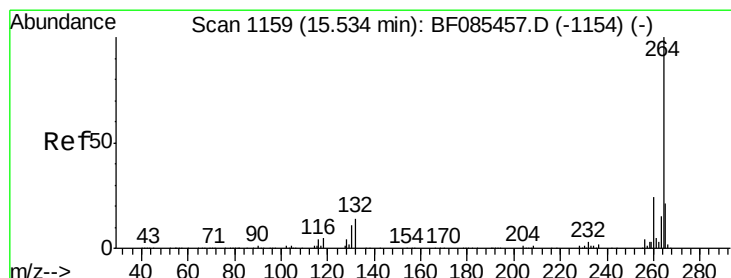
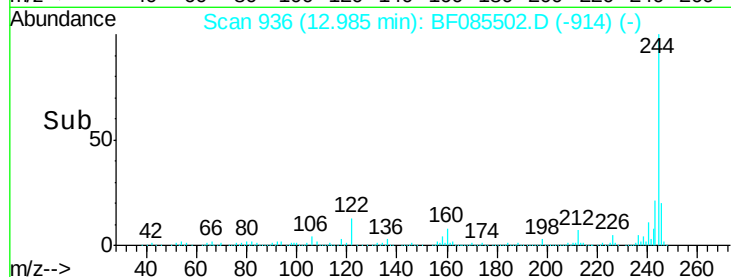
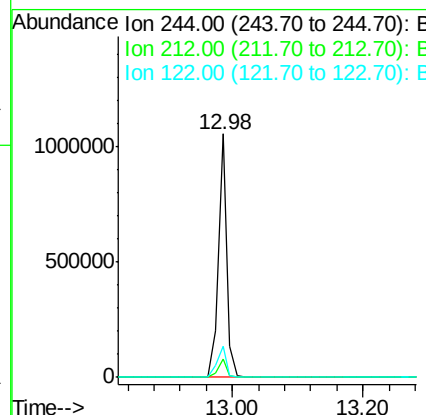
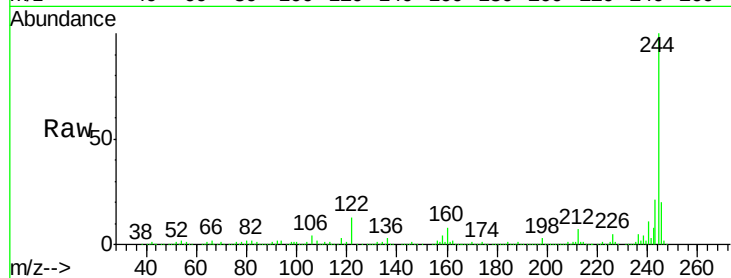




#78
 Terphenyl-d14
 Concen: 78.23 ng
 RT: 12.98 min Scan# 936
 Delta R.T. -0.05 min
 Lab File: BF085502.D
 Acq: 17 Mar 2016 20:22

Instrument :
 BNA_F
 ClientSampleId :
 SP-3RE

Tgt Ion:244 Resp: 963871
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 13.0 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1153
 Delta R.T. -0.07 min
 Lab File: BF085502.D
 Acq: 17 Mar 2016 20:22

Tgt Ion:264 Resp: 257628
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.5 17.3 25.9

