

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
 Data File : BF085475.D
 Acq On : 16 Mar 2016 21:33
 Operator : UM/SJ
 Sample : H1788-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-9)

Quant Time: Mar 17 00:52:24 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

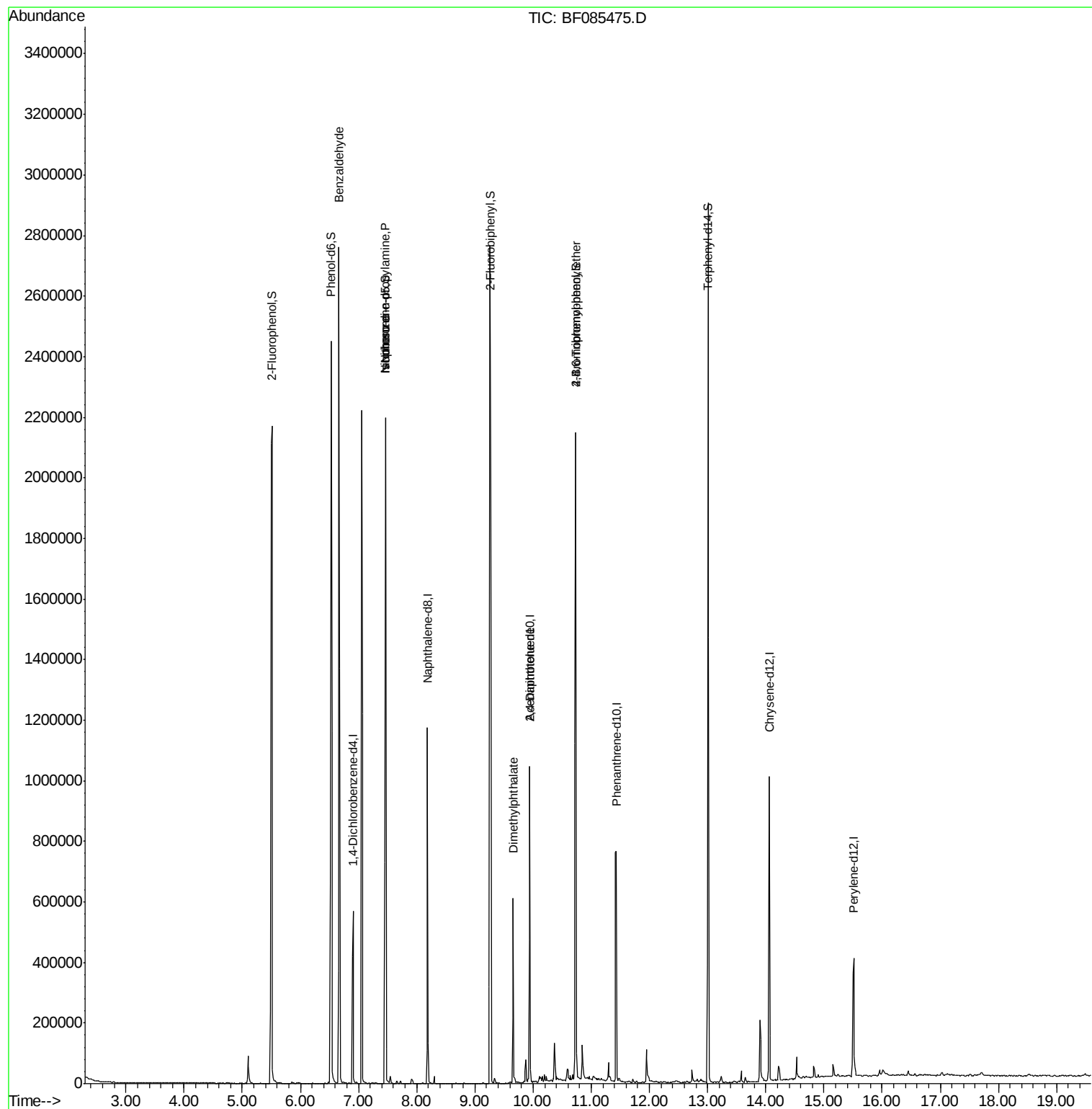
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	116730	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	489983	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	227922	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	424861	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	315731	20.00	ng	-0.02
86) Perylene-d12	15.51	264	209231	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	996677	146.77	ng	0.00
7) Phenol-d6	6.53	99	1170470	132.88	ng	-0.02
23) Nitrobenzene-d5	7.46	82	756586	91.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	300906	143.34	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1219148	92.80	ng	-0.02
78) Terphenyl-d14	13.01	244	1086147	77.82	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.66	77	20270	4.12	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.46	70	101128	19.17	ng	# 77
25) Isophorone	7.46	82	573589	33.94	ng	# 67
49) Dimethylphthalate	9.66	163	267266	16.07	ng	99
56) 2,4-Dinitrotoluene	9.94	165	28533	6.19	ng	# 22
66) 4-Bromophenyl-phenylether	10.73	248	21442	4.99	ng	# 1

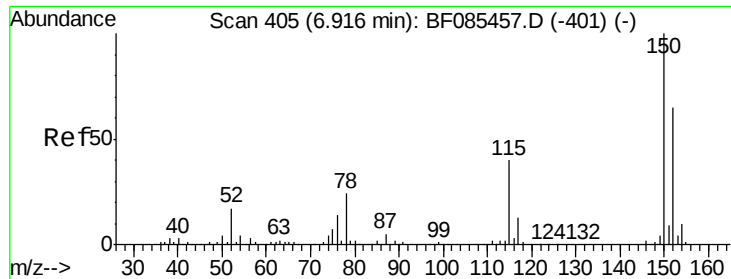
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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SB-2(8-9)

Quant Time: Mar 17 00:52:24 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF085475.D

Acq: 16 Mar 2016 21:33

Instrument :

BNA_F

ClientSampleId :

SB-2(8-9)

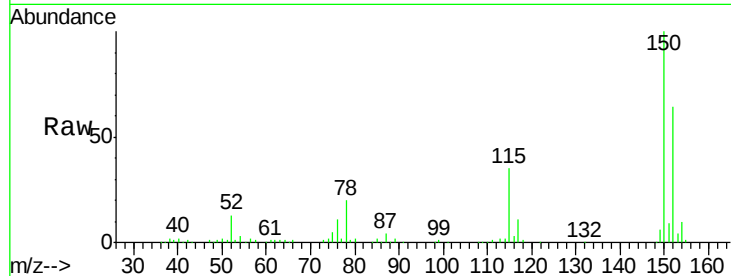
Tgt Ion:152 Resp: 116730

Ion Ratio Lower Upper

152 100

150 156.2 124.6 186.8

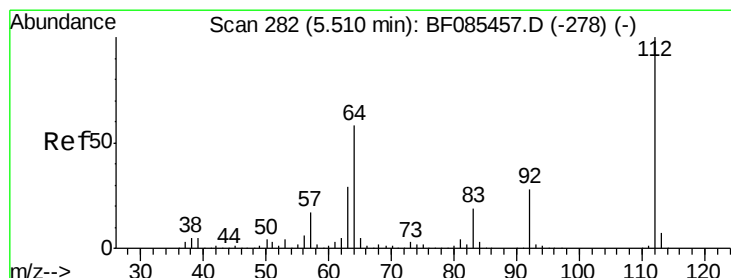
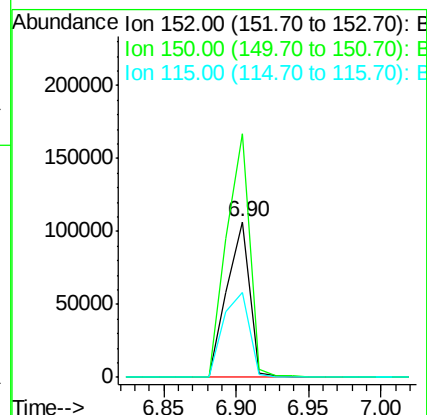
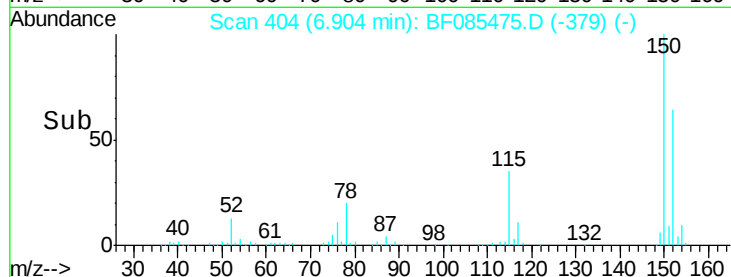
115 54.2 46.6 70.0



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: 146.77 ng

RT: 5.51 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF085475.D

Acq: 16 Mar 2016 21:33

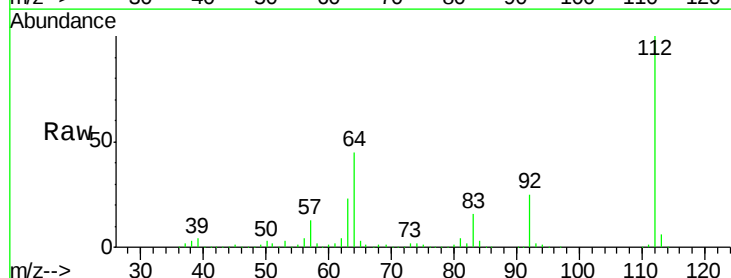
Tgt Ion:112 Resp: 996677

Ion Ratio Lower Upper

112 100

64 45.4 49.0 73.4#

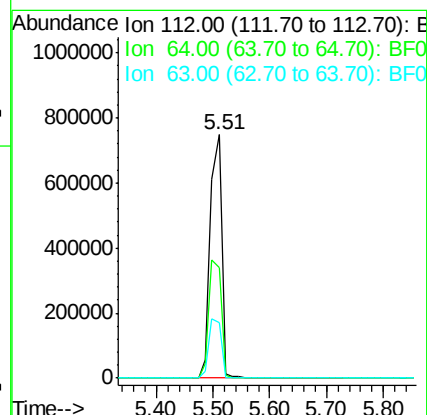
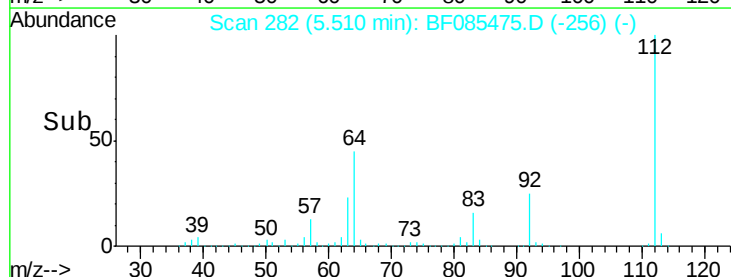
63 22.6 24.8 37.2#

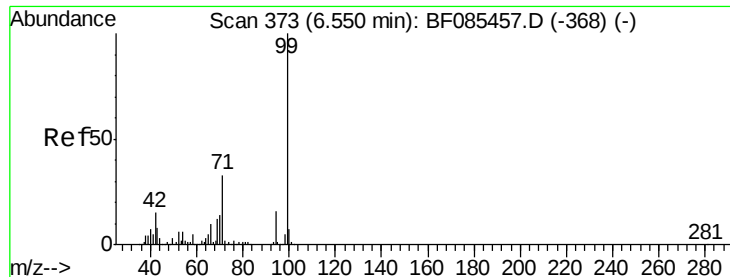


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.88 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF085475.D

Acq: 16 Mar 2016 21:33

Instrument :

BNA_F

ClientSampleId :

SB-2(8-9)

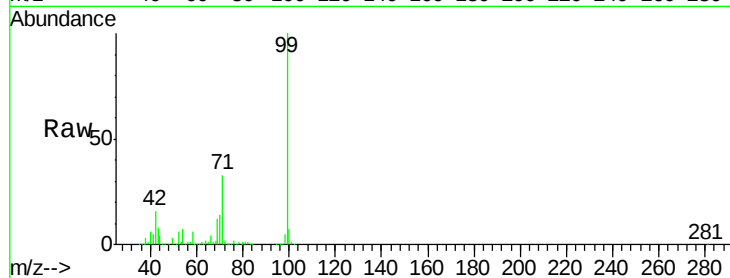
Tgt Ion: 99 Resp: 1170470

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

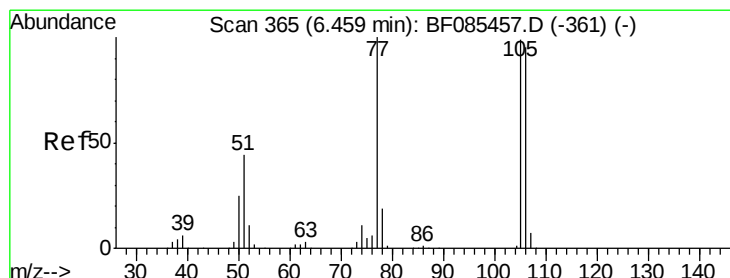
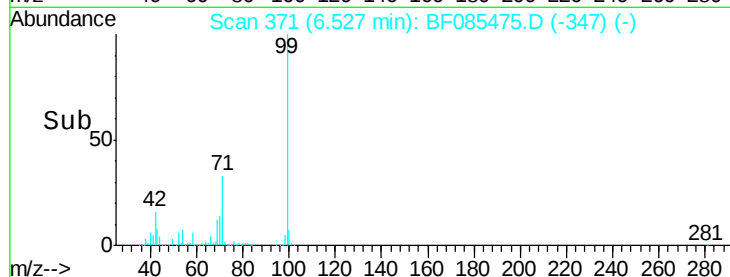
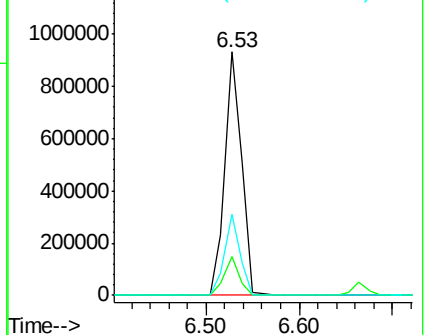
71 33.3 26.7 40.1



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: 4.12 ng

RT: 6.66 min Scan# 383

Delta R.T. 0.21 min

Lab File: BF085475.D

Acq: 16 Mar 2016 21:33

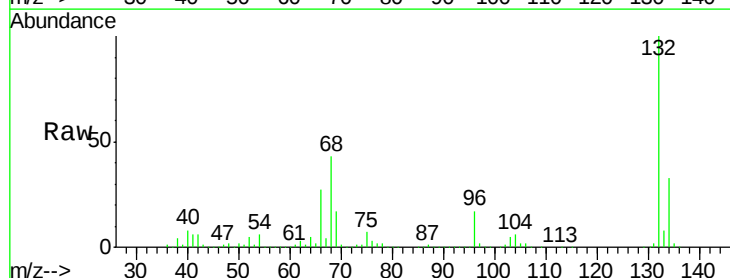
Tgt Ion: 77 Resp: 20270

Ion Ratio Lower Upper

77 100

105 79.8 78.2 118.2

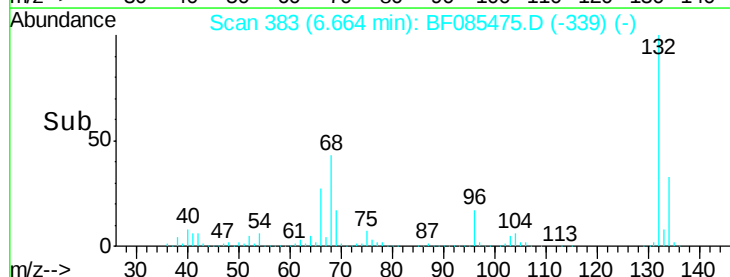
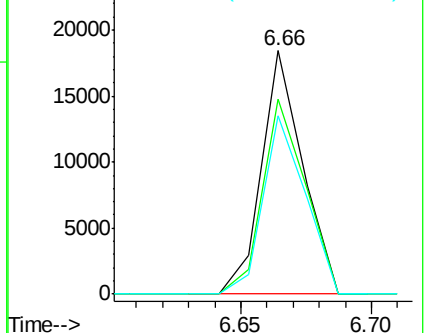
106 73.3 72.9 112.9

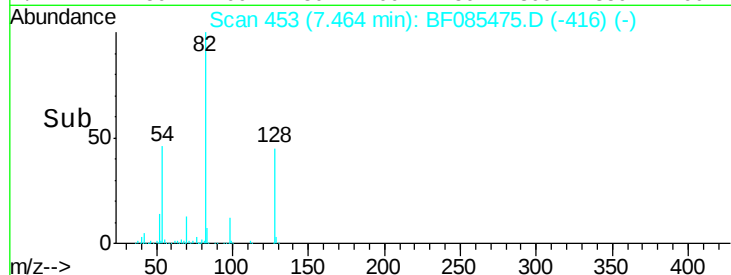
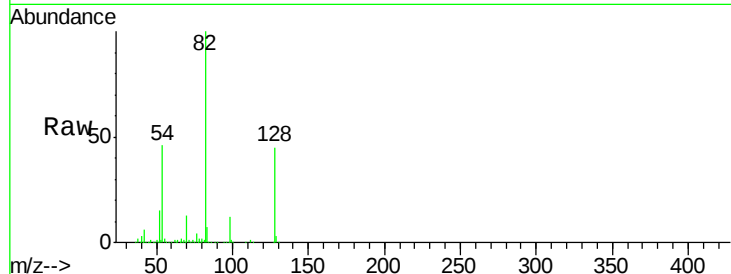
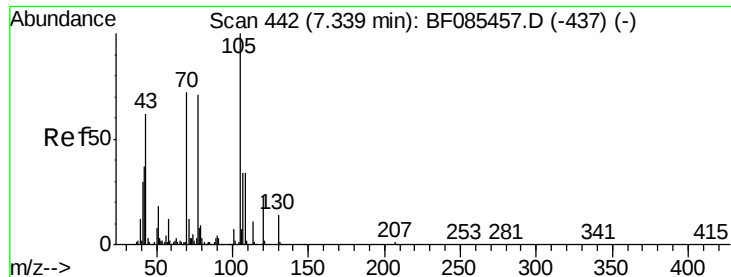


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

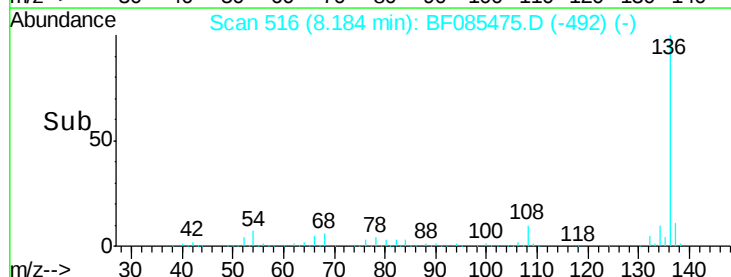
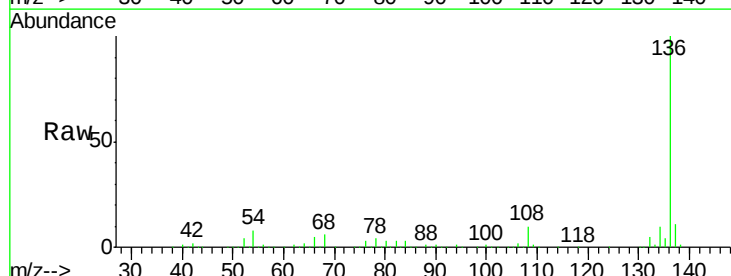
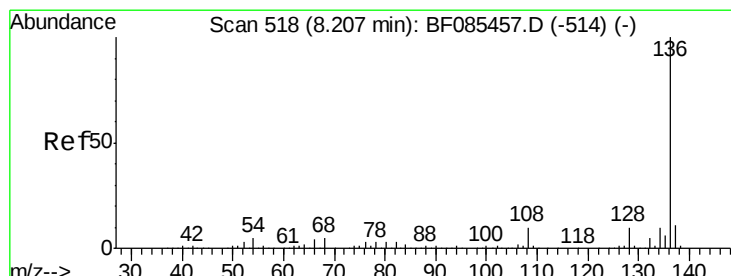
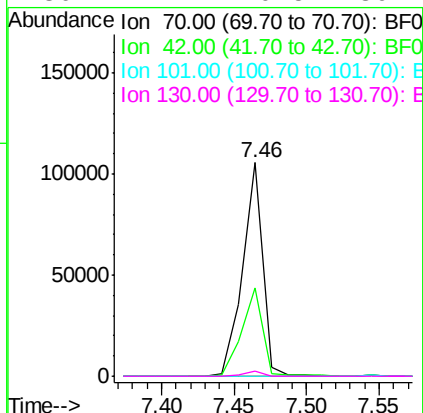




#19
n-Nitroso-di-n-propylamine
Concen: 19.17 ng
RT: 7.46 min Scan# 453
Delta R.T. 0.13 min
Lab File: BF085475.D
Acq: 16 Mar 2016 21:33

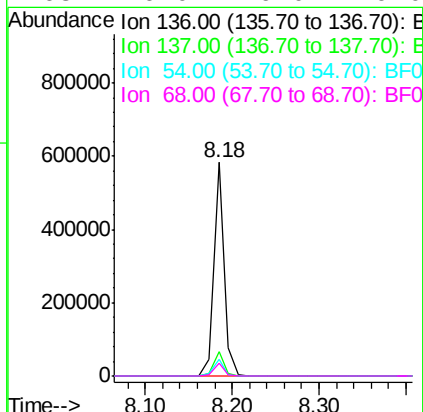
Instrument :
BNA_F
ClientSampleId :
SB-2(8-9)

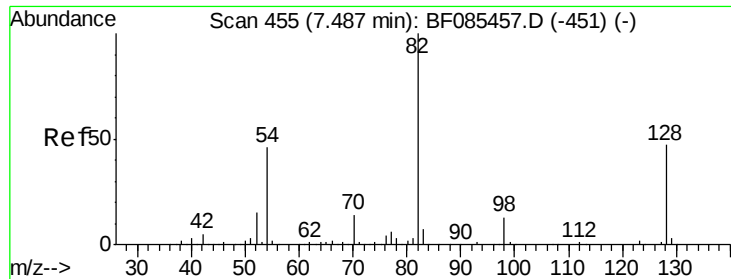
Tgt Ion: 70 Resp: 101128
Ion Ratio Lower Upper
70 100
42 41.1 37.7 56.5
101 0.0 8.2 12.4#
130 2.2 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF085475.D
Acq: 16 Mar 2016 21:33

Tgt Ion: 136 Resp: 489983
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 7.5 7.4 11.2
68 6.0 6.0 9.0

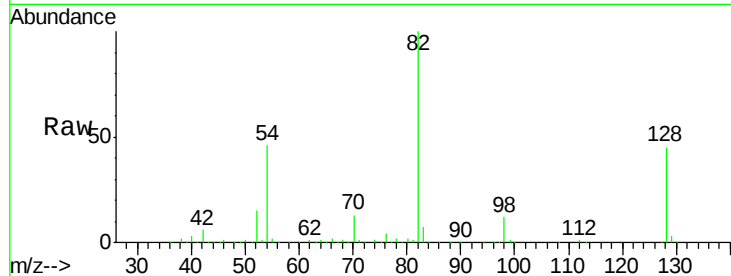




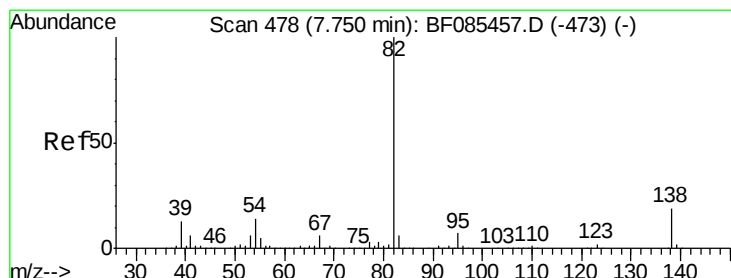
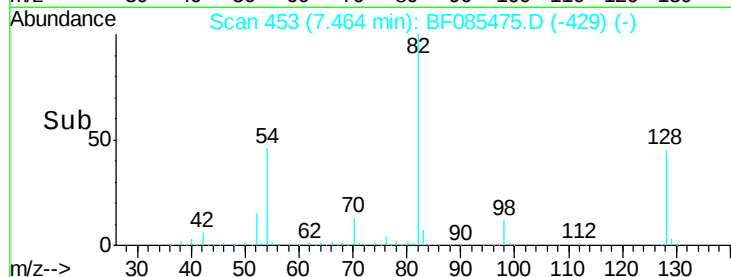
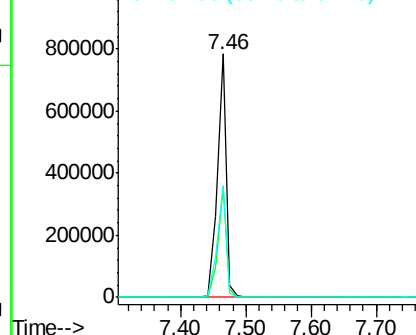
#23
 Nitrobenzene-d5
 Concen: 91.30 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF085475.D
 Acq: 16 Mar 2016 21:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-9)

Tgt Ion: 82 Resp: 756586
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.5 51.7
 54 45.9 39.3 58.9

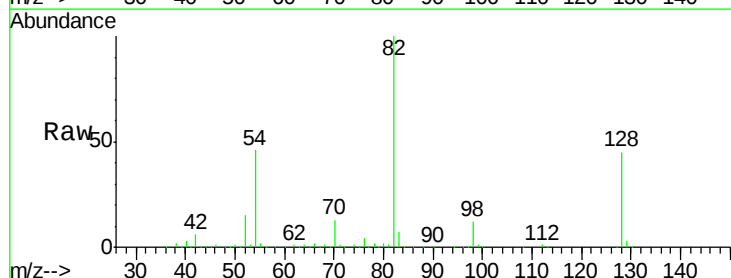


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

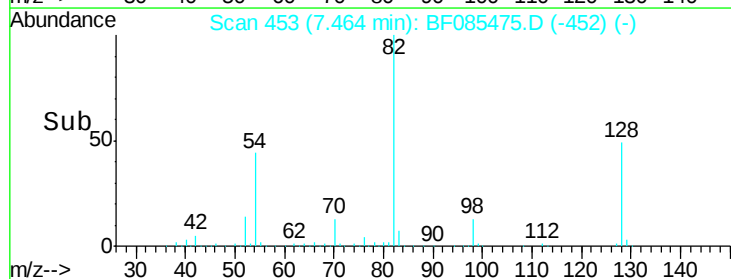
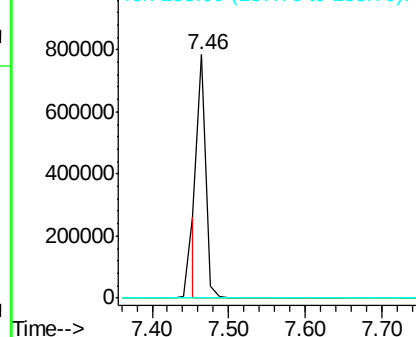


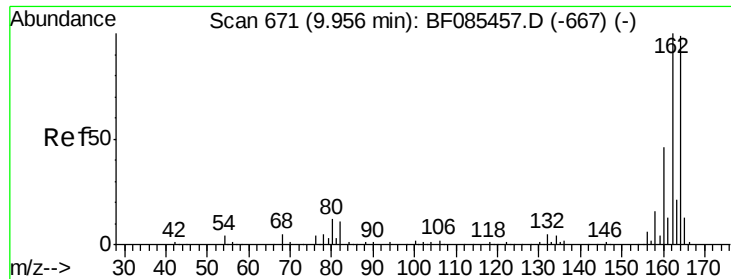
#25
 Isophorone
 Concen: 33.94 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.29 min
 Lab File: BF085475.D
 Acq: 16 Mar 2016 21:33

Tgt Ion: 82 Resp: 573589
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 13.3 19.9#



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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF085475.D

Acq: 16 Mar 2016 21:33

Instrument :

BNA_F

ClientSampleId :

SB-2(8-9)

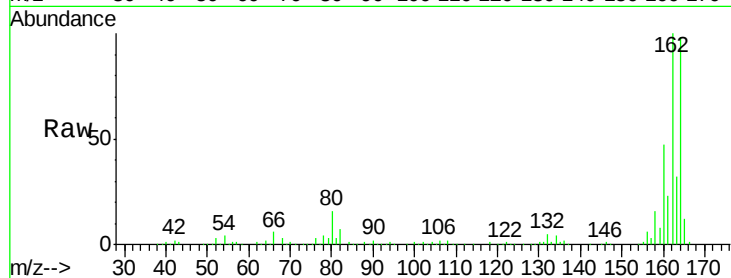
Tgt Ion:164 Resp: 227922

Ion Ratio Lower Upper

164 100

162 102.6 83.3 124.9

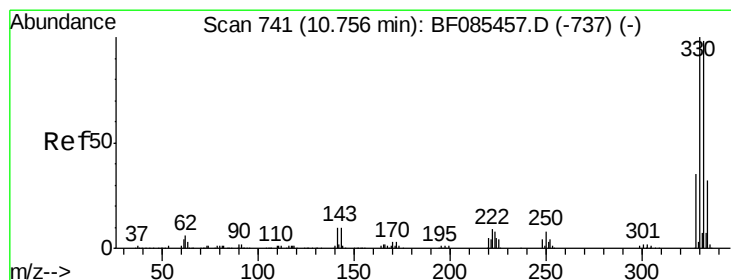
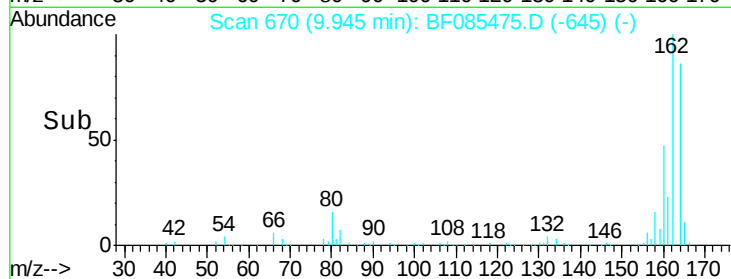
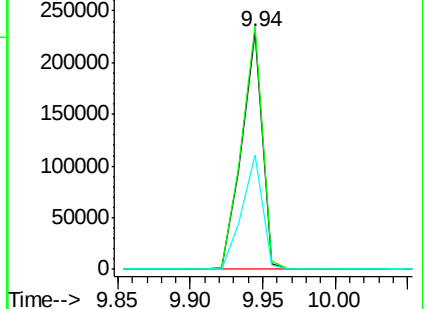
160 47.9 37.9 56.9



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: 143.34 ng

RT: 10.73 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF085475.D

Acq: 16 Mar 2016 21:33

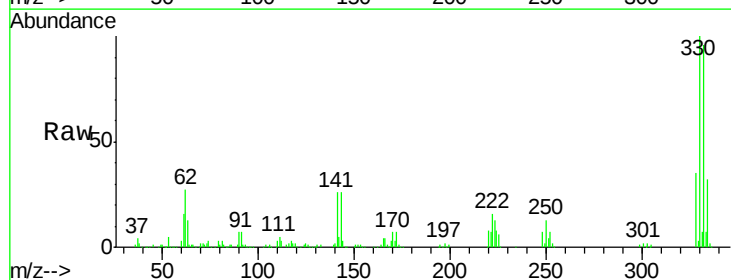
Tgt Ion:330 Resp: 300906

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

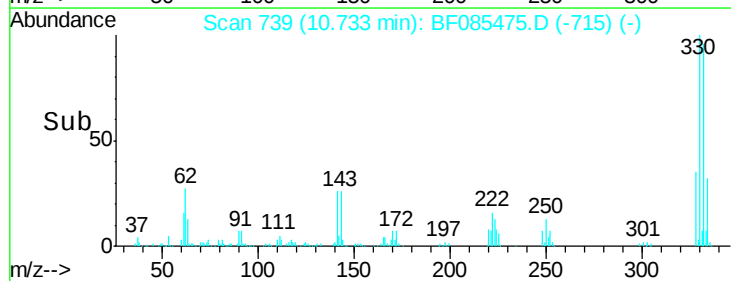
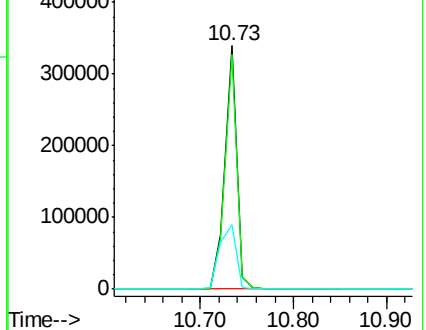
141 37.0 35.0 52.6

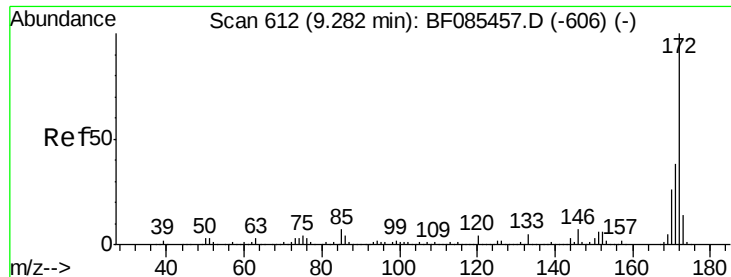


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

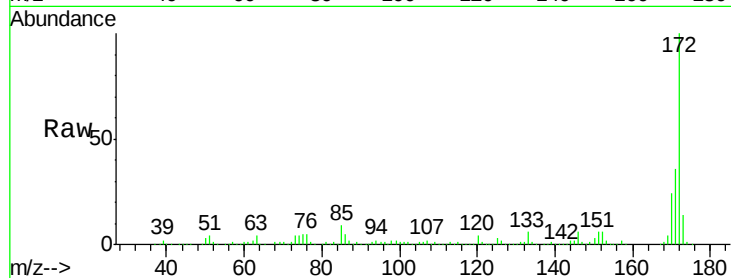




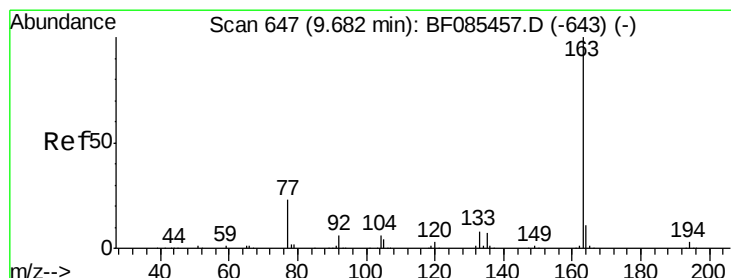
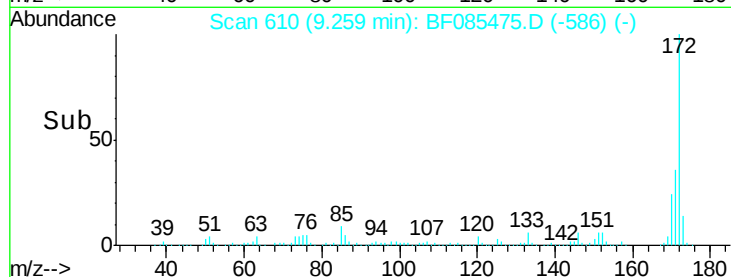
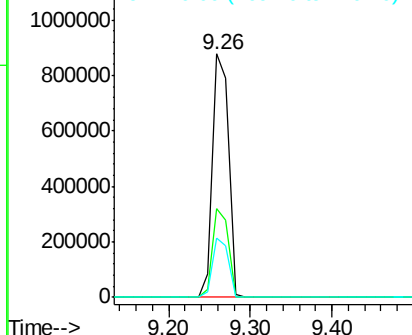
#44
 2-Fluorobiphenyl
 Concen: 92.80 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF085475.D
 Acq: 16 Mar 2016 21:33

Instrument :
 BNA_F
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 SB-2(8-9)

Tgt Ion:172 Resp: 1219148
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.3 43.9
 170 24.1 20.0 30.0

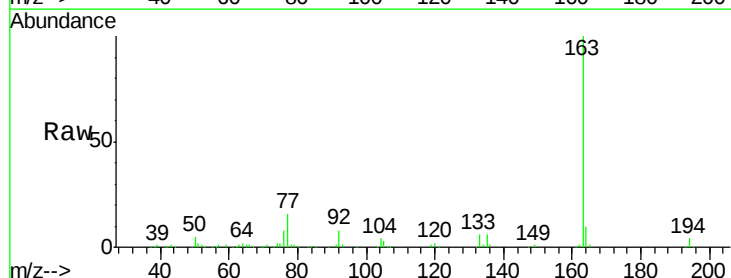


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

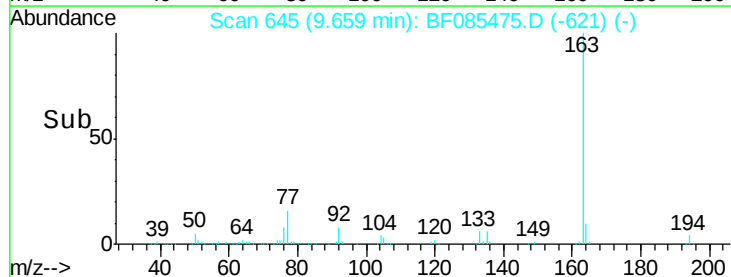
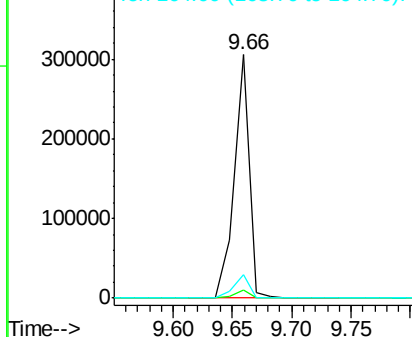


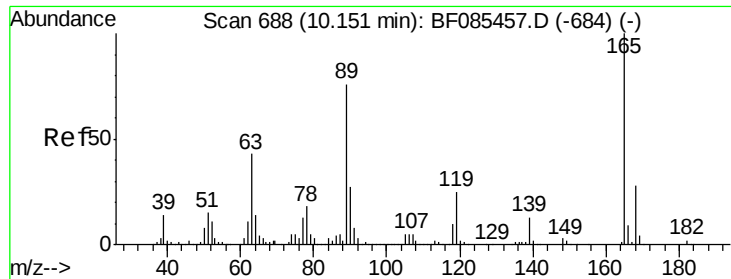
#49
 Dimethylphthalate
 Concen: 16.07 ng
 RT: 9.66 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF085475.D
 Acq: 16 Mar 2016 21:33

Tgt Ion:163 Resp: 267266
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.1 4.7
 164 9.8 8.2 12.4



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

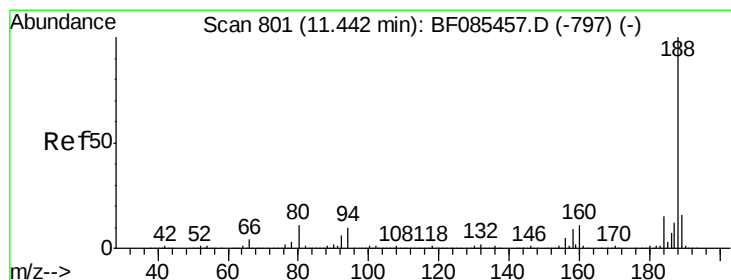
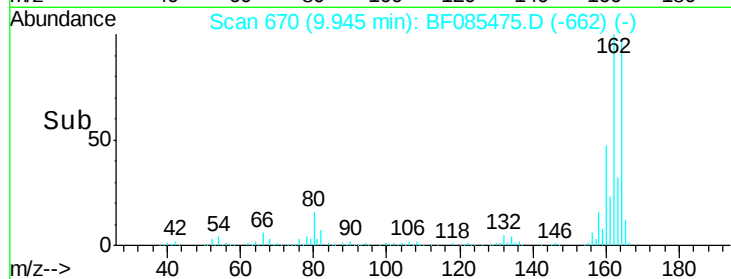
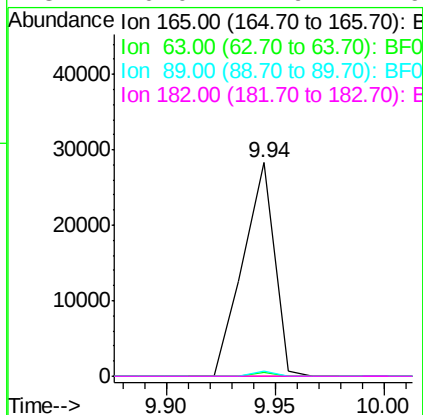
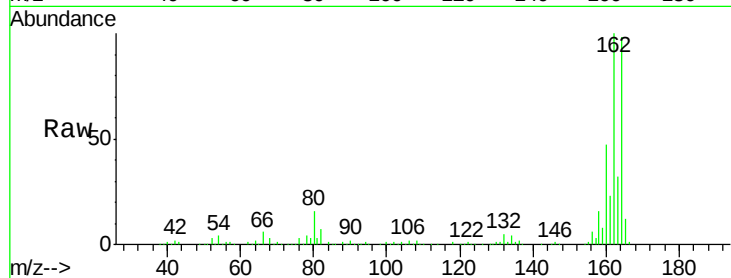




#56
 2,4-Dinitrotoluene
 Concen: 6.19 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.21 min
 Lab File: BF085475.D
 Acq: 16 Mar 2016 21:33

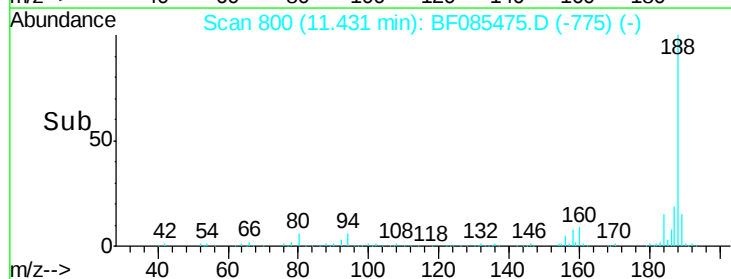
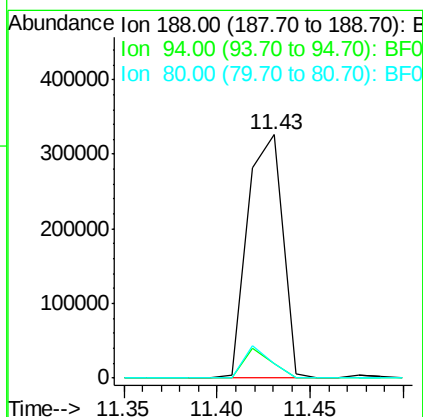
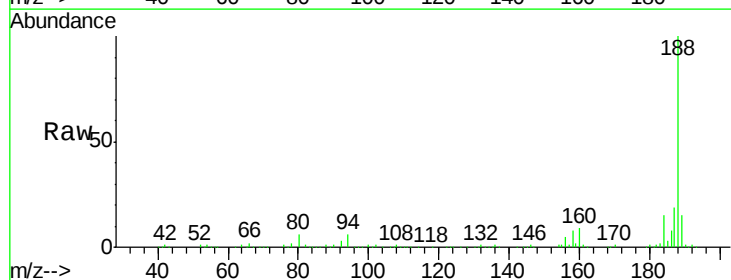
Instrument :
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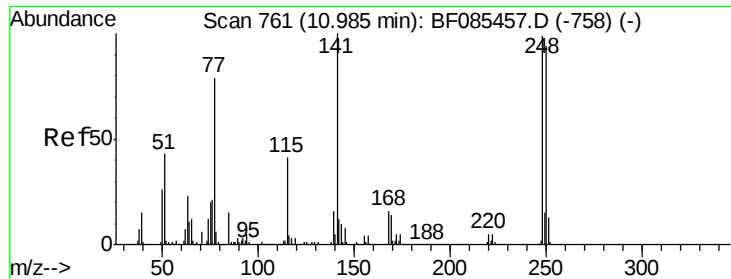
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.4	53.0#
89	2.2	61.9	92.9#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF085475.D
 Acq: 16 Mar 2016 21:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	7.0	10.6#
80	5.9	7.4	11.0#

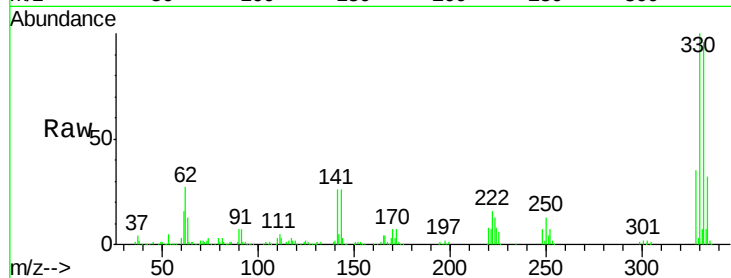




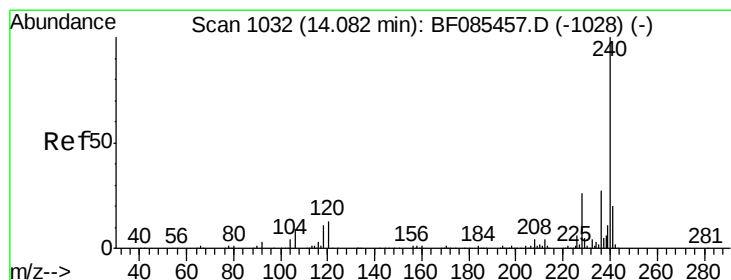
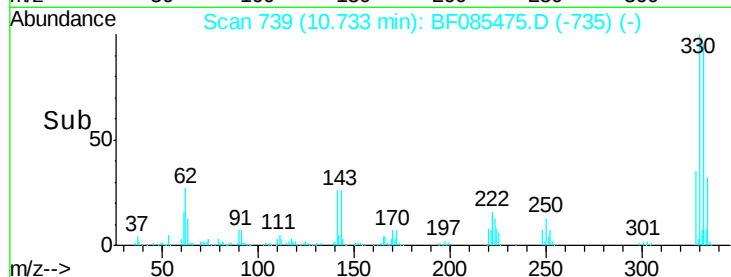
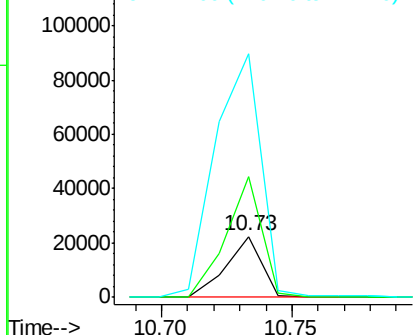
#66
 4-Bromophenyl-phenylether
 Concen: 4.99 ng
 RT: 10.73 min Scan# 739
 Delta R.T. -0.25 min
 Lab File: BF085475.D
 Acq: 16 Mar 2016 21:33

Instrument :
 BNA_F
 ClientSampled :
 SB-2(8-9)

Tgt Ion:248 Resp: 21442
 Ion Ratio Lower Upper
 248 100
 250 197.2 77.1 115.7#
 141 399.4 66.2 99.2#

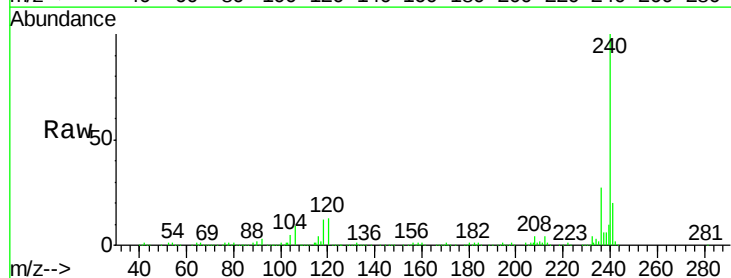


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

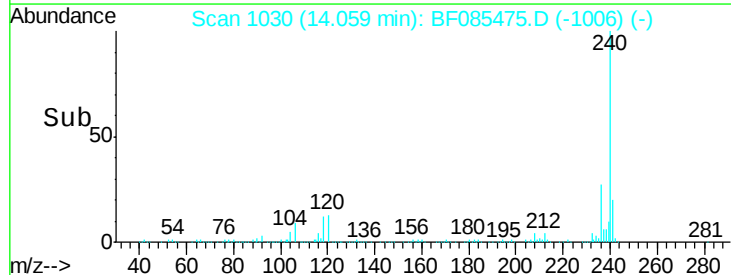
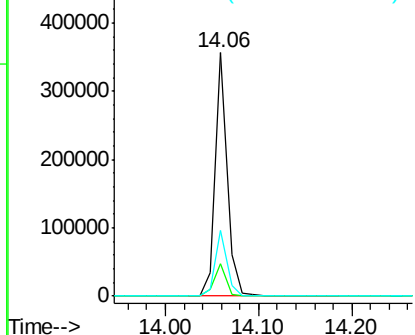


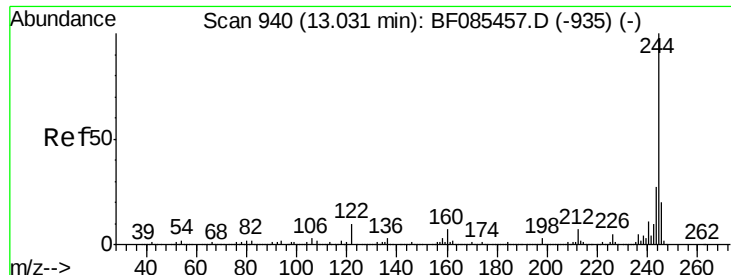
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BF085475.D
 Acq: 16 Mar 2016 21:33

Tgt Ion:240 Resp: 315731
 Ion Ratio Lower Upper
 240 100
 120 13.4 5.3 7.9#
 236 26.8 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

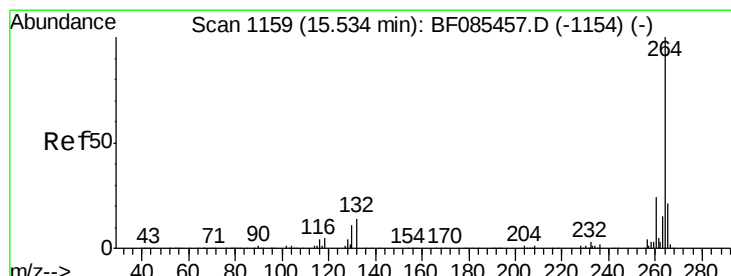
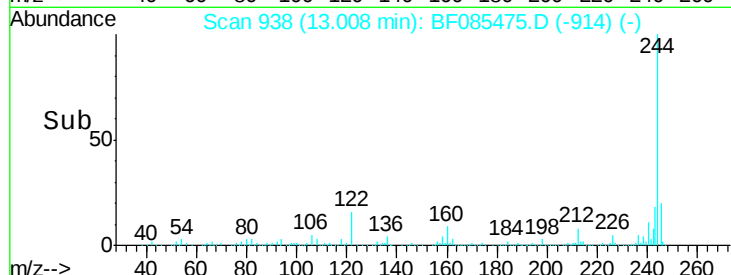
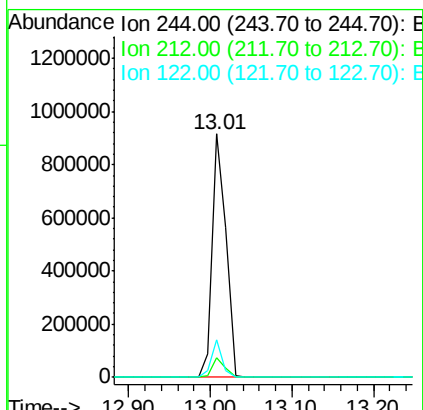
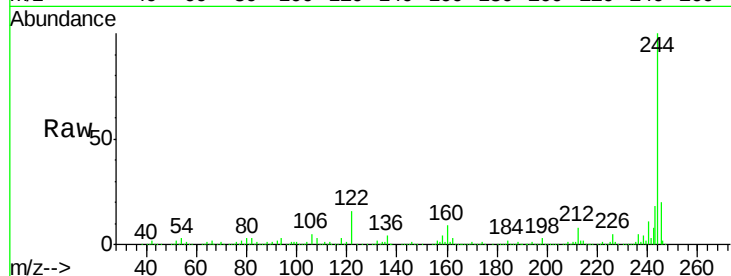




#78
 Terphenyl-d14
 Concen: 77.82 ng
 RT: 13.01 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF085475.D
 Acq: 16 Mar 2016 21:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-9)

Tgt Ion:244 Resp: 1086147
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 15.5 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF085475.D
 Acq: 16 Mar 2016 21:33

Tgt Ion:264 Resp: 209231
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.8 17.3 25.9

