

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
 Data File : BF085488.D
 Acq On : 17 Mar 2016 3:52
 Operator : UM/SJ
 Sample : H1788-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(9-10)

Quant Time: Mar 17 03:48:08 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

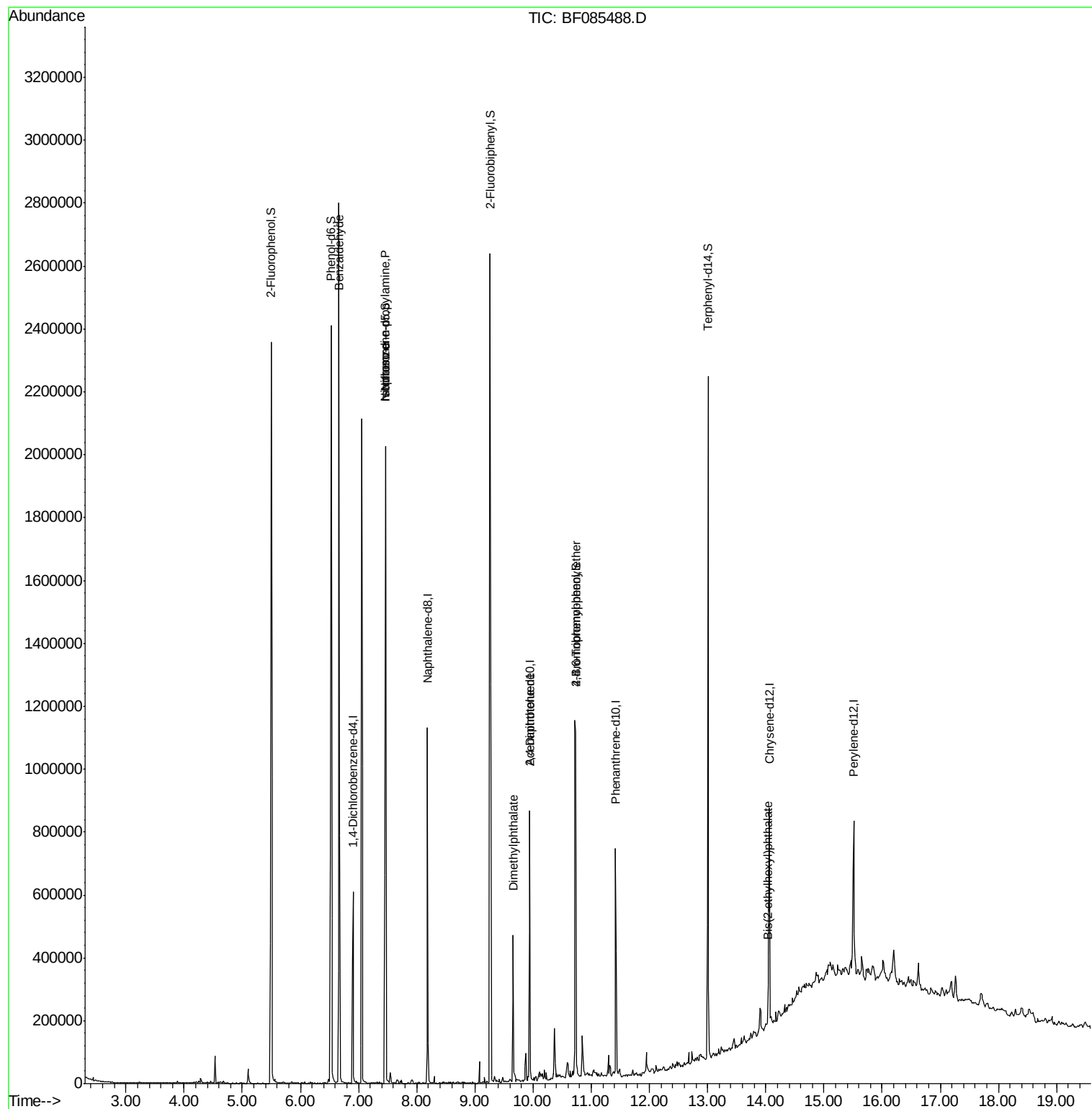
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	118631	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	465550	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	199474	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	310421	20.00	ng	-0.02
75) Chrysene-d12	14.06	240	235254	20.00	ng	-0.02
86) Perylene-d12	15.51	264	241885	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	828953	120.11	ng	-0.01
7) Phenol-d6	6.53	99	981503	109.64	ng	-0.02
23) Nitrobenzene-d5	7.46	82	689430	87.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	208816	113.66	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	975698	84.86	ng	-0.02
78) Terphenyl-d14	13.01	244	622511	59.86	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.66	77	18133	3.63	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.46	70	91731	17.11	ng	# 76
25) Isophorone	7.46	82	523176	32.58	ng	# 67
49) Dimethylphthalate	9.66	163	227940	15.66	ng	98
56) 2,4-Dinitrotoluene	9.94	165	24901	6.17	ng	# 22
66) 4-Bromophenyl-phenylether	10.73	248	13737	4.37	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.04	149	40766	4.33	ng	100

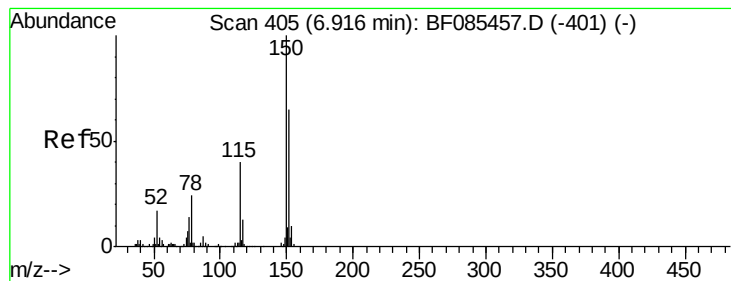
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF085488.D

Acq: 17 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

SB-5(9-10)

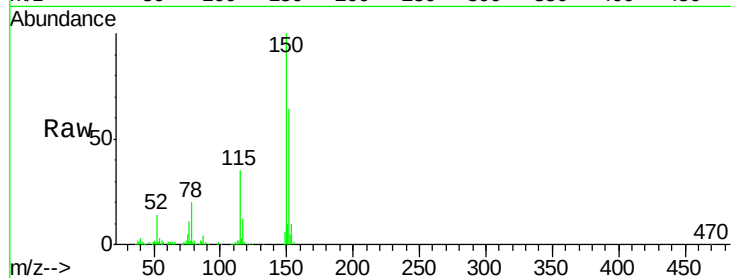
Tgt Ion:152 Resp: 118631

Ion Ratio Lower Upper

152 100

150 155.7 124.6 186.8

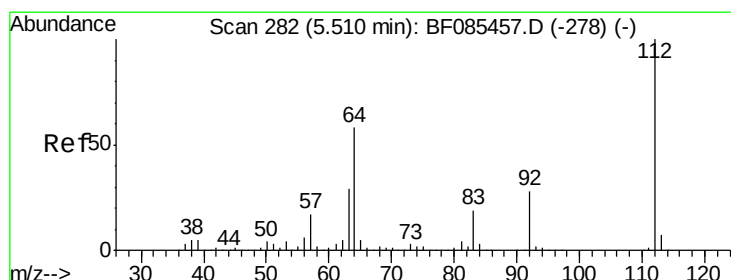
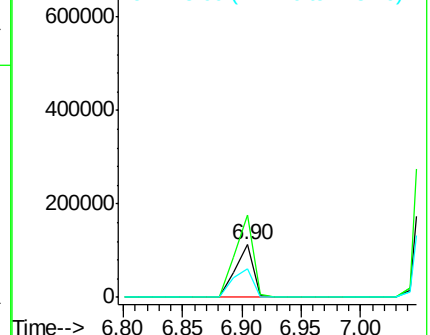
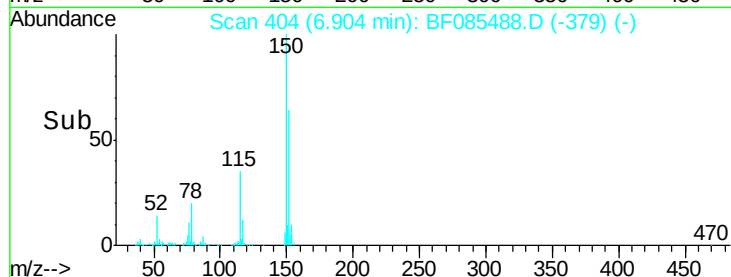
115 54.7 46.6 70.0



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: 120.11 ng

RT: 5.50 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF085488.D

Acq: 17 Mar 2016 3:52

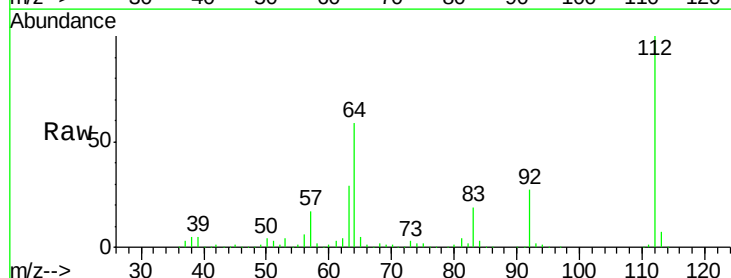
Tgt Ion:112 Resp: 828953

Ion Ratio Lower Upper

112 100

64 58.7 49.0 73.4

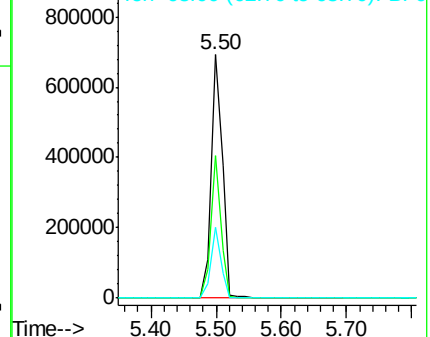
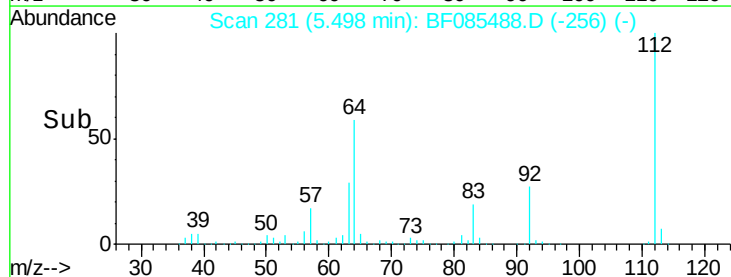
63 29.3 24.8 37.2

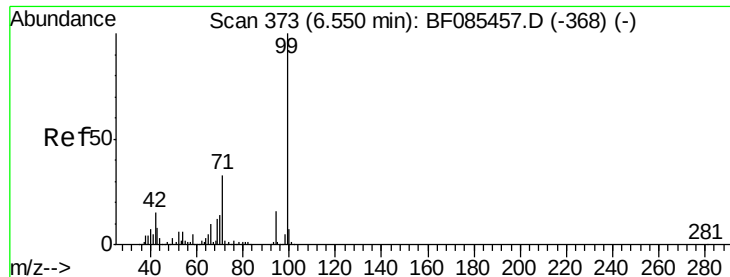


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.64 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF085488.D

Acq: 17 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

SB-5(9-10)

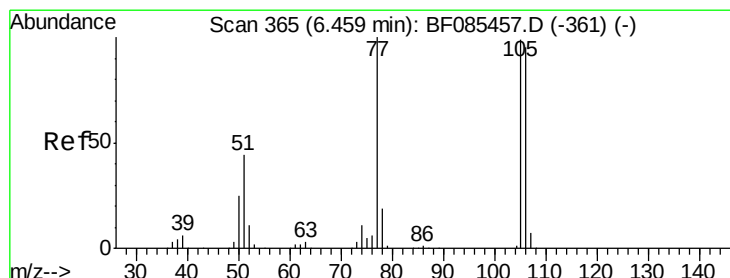
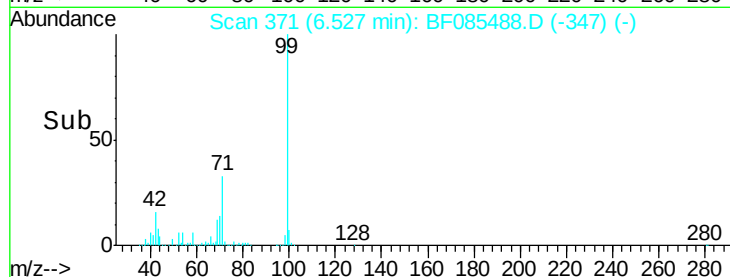
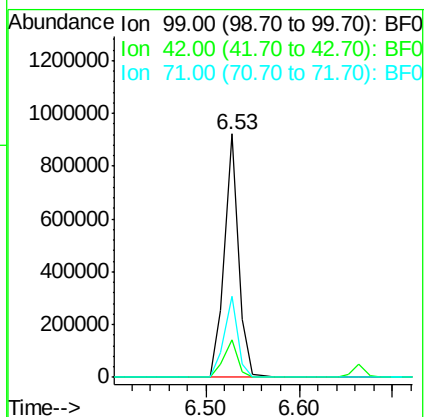
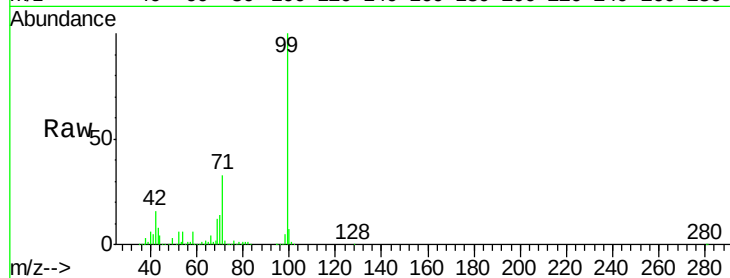
Tgt Ion: 99 Resp: 981503

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

71 33.3 26.7 40.1



#9

Benzaldehyde

Concen: 3.63 ng

RT: 6.66 min Scan# 383

Delta R.T. 0.21 min

Lab File: BF085488.D

Acq: 17 Mar 2016 3:52

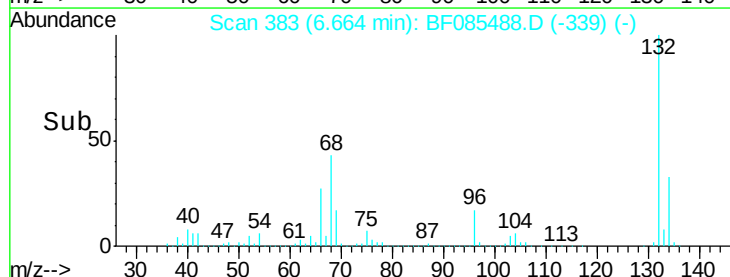
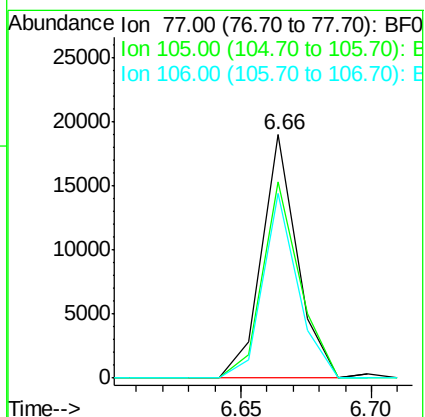
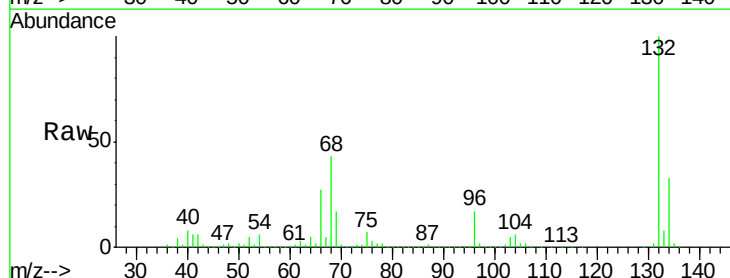
Tgt Ion: 77 Resp: 18133

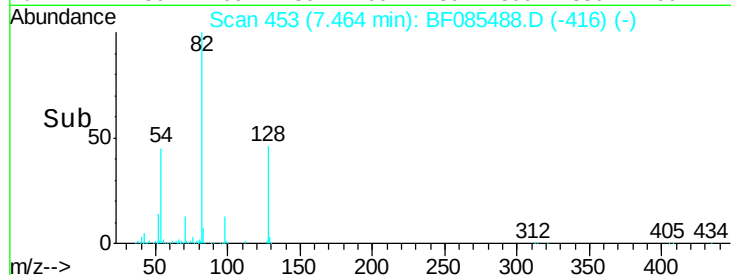
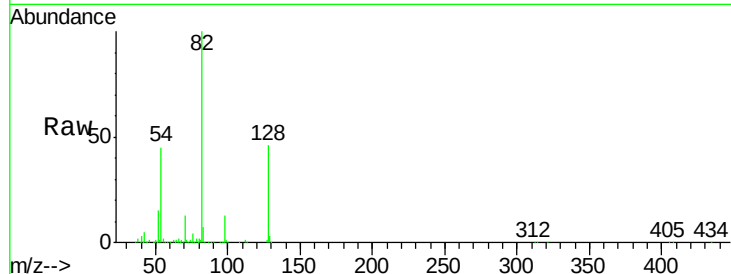
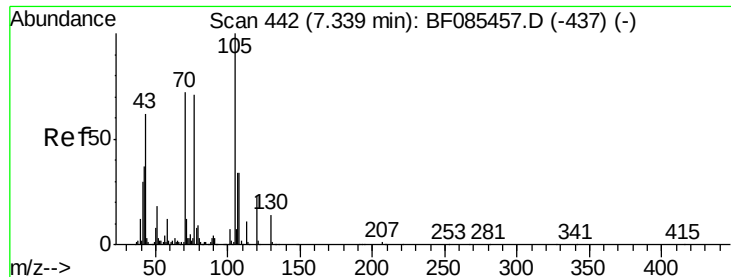
Ion Ratio Lower Upper

77 100

105 80.6 78.2 118.2

106 75.6 72.9 112.9

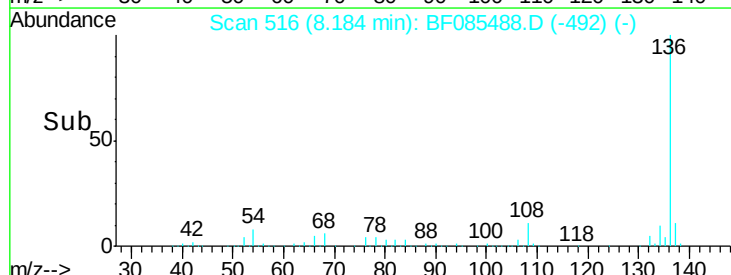
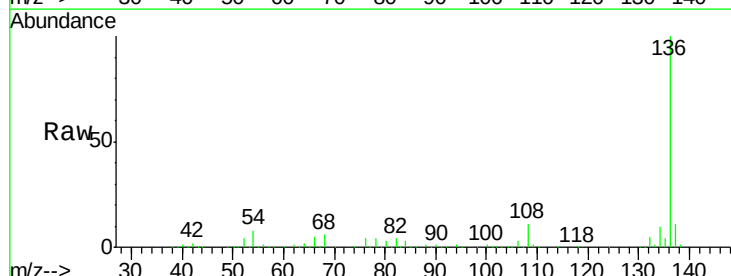
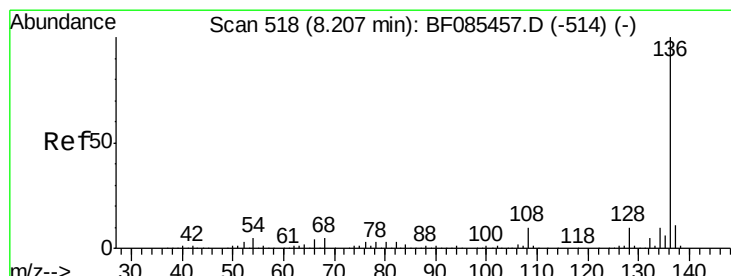
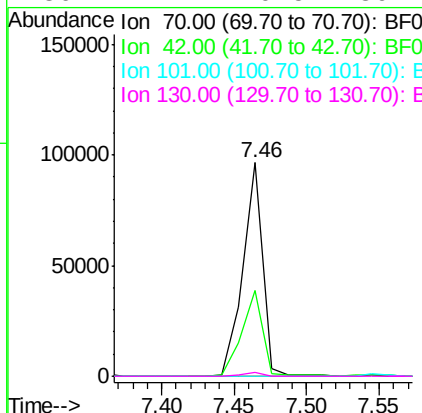




#19
n-Nitroso-di-n-propylamine
Concen: 17.11 ng
RT: 7.46 min Scan# 453
Delta R.T. 0.13 min
Lab File: BF085488.D
Acq: 17 Mar 2016 3:52

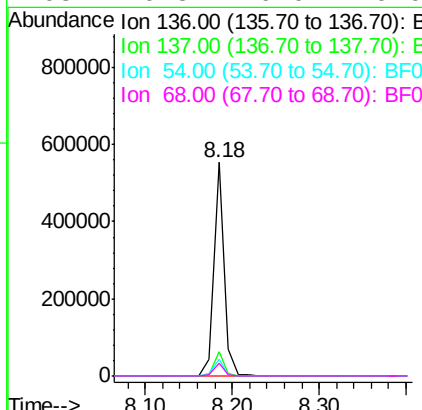
Instrument :
BNA_F
ClientSampleId :
SB-5(9-10)

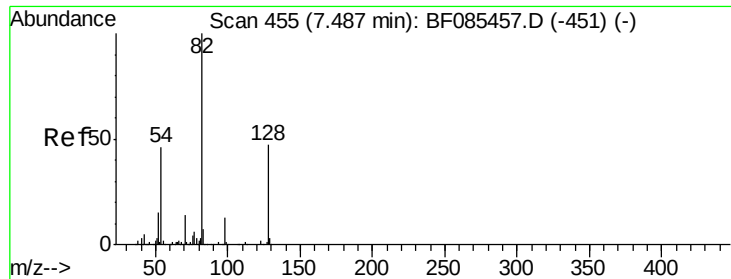
Tgt Ion: 70 Resp: 91731
Ion Ratio Lower Upper
70 100
42 40.1 37.7 56.5
101 0.0 8.2 12.4#
130 2.1 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF085488.D
Acq: 17 Mar 2016 3:52

Tgt Ion: 136 Resp: 465550
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 7.7 7.4 11.2
68 6.3 6.0 9.0

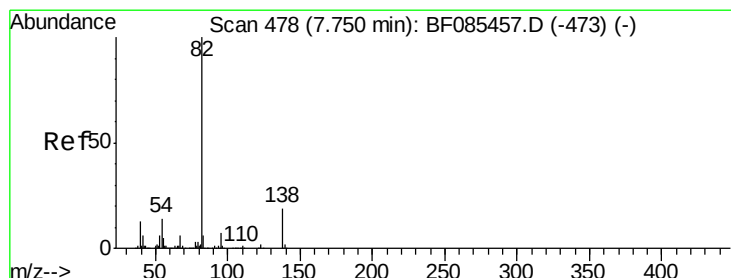
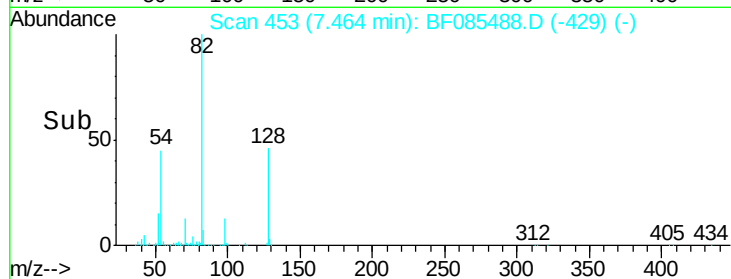
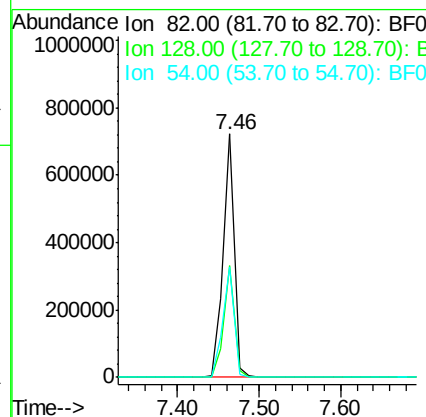
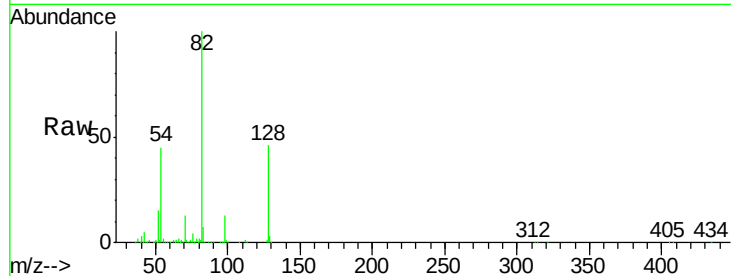




#23
 Nitrobenzene-d5
 Concen: 87.56 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF085488.D
 Acq: 17 Mar 2016 3:52

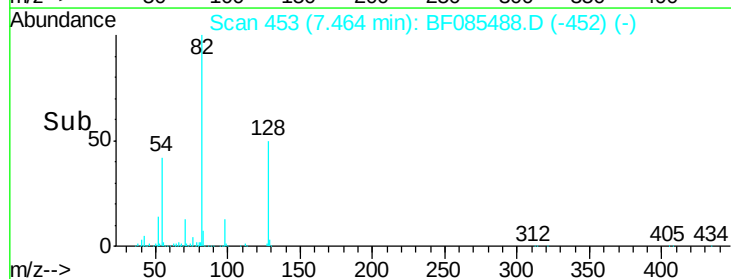
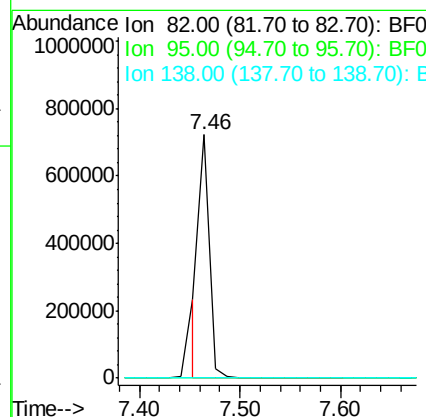
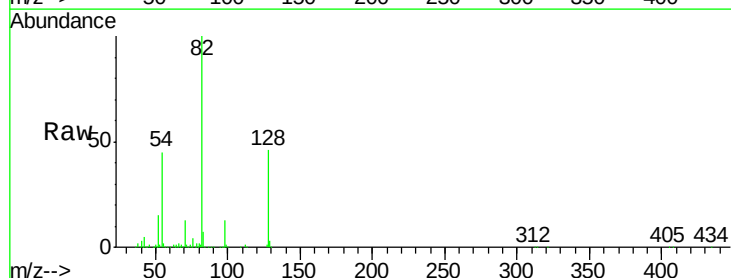
Instrument :
 BNA_F
 ClientSampleId :
 SB-5(9-10)

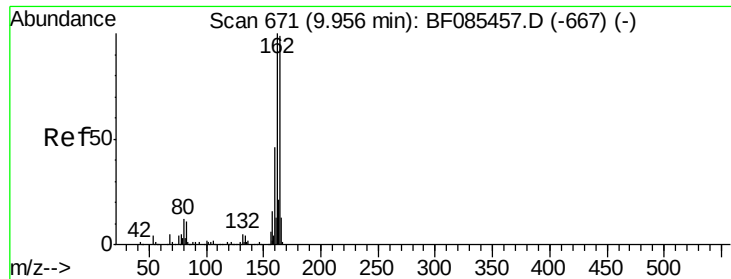
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.5	51.7
54	45.2	39.3	58.9



#25
 Isophorone
 Concen: 32.58 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.29 min
 Lab File: BF085488.D
 Acq: 17 Mar 2016 3:52

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

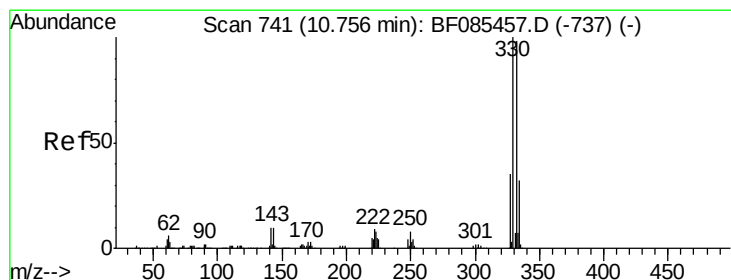
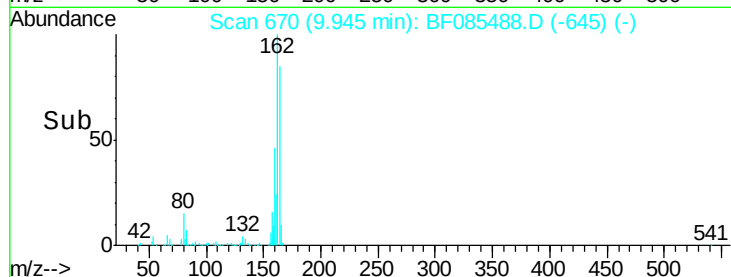
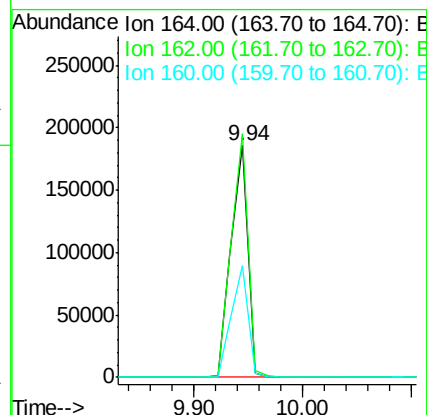
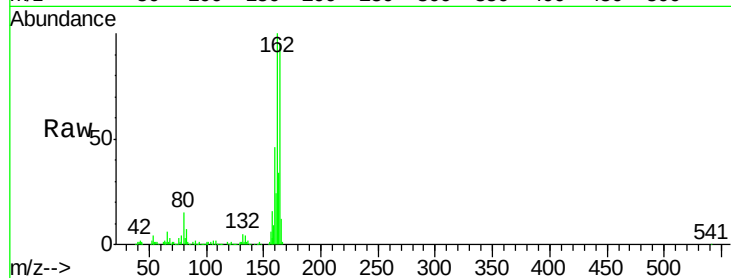




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF085488.D
 Acq: 17 Mar 2016 3:52

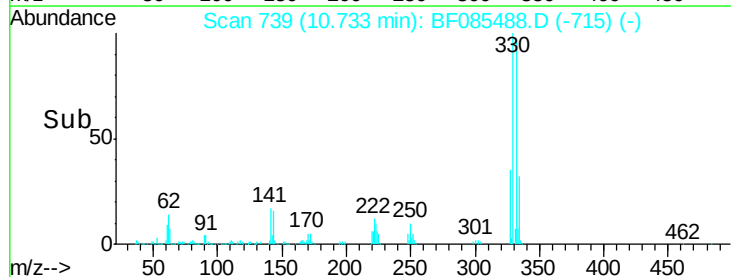
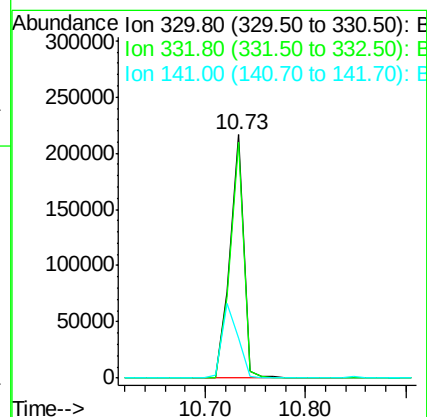
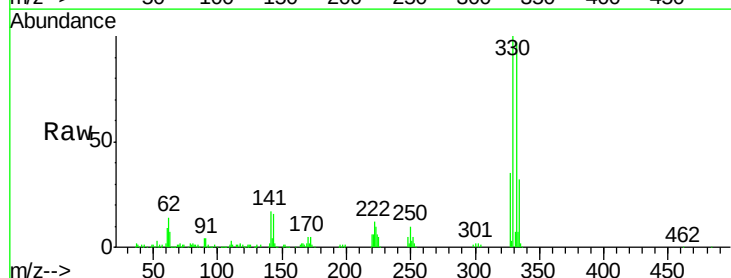
Instrument :
 BNA_F
 ClientSampleId :
 SB-5(9-10)

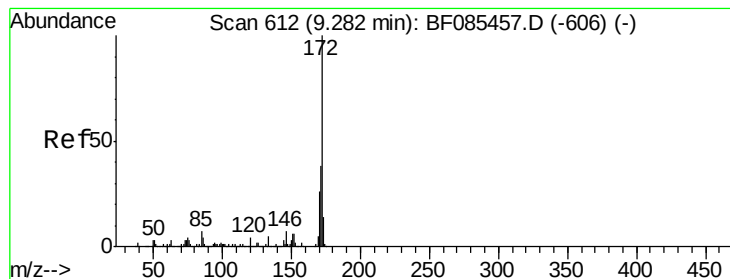
Tgt Ion:164 Resp: 199474
 Ion Ratio Lower Upper
 164 100
 162 105.0 83.3 124.9
 160 48.1 37.9 56.9



#41
 2,4,6-Tribromophenol
 Concen: 113.66 ng
 RT: 10.73 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF085488.D
 Acq: 17 Mar 2016 3:52

Tgt Ion:330 Resp: 208816
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 35.8 35.0 52.6





#44

2-Fluorobiphenyl

Concen: 84.86 ng

RT: 9.26 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF085488.D

Acq: 17 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

SB-5(9-10)

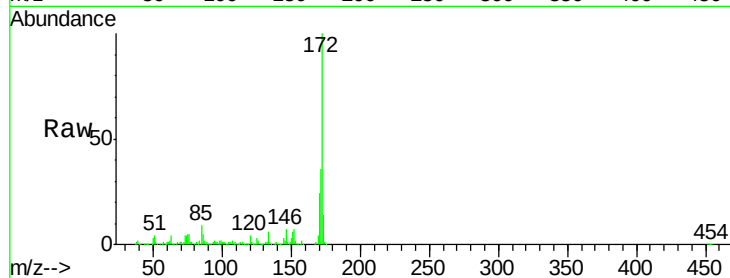
Tgt Ion:172 Resp: 975698

Ion Ratio Lower Upper

172 100

171 36.1 29.3 43.9

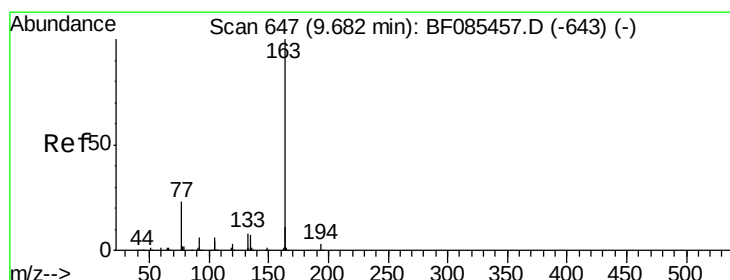
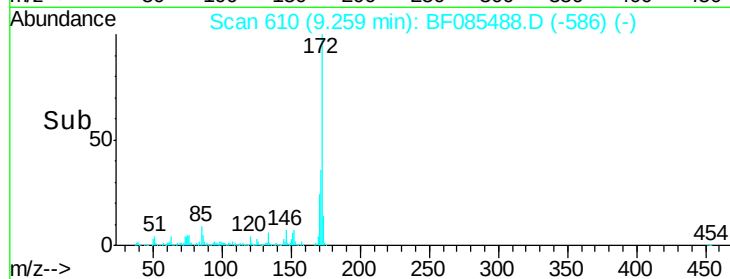
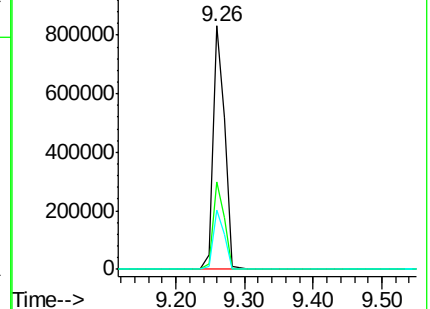
170 24.3 20.0 30.0



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: 15.66 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF085488.D

Acq: 17 Mar 2016 3:52

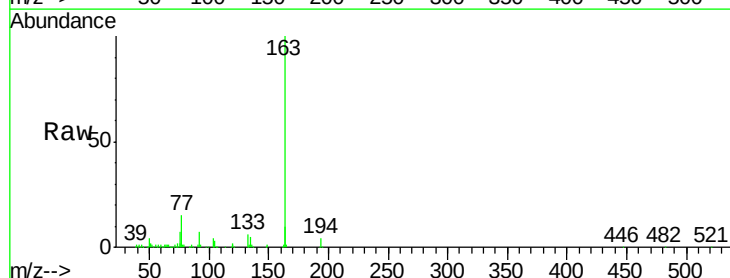
Tgt Ion:163 Resp: 227940

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

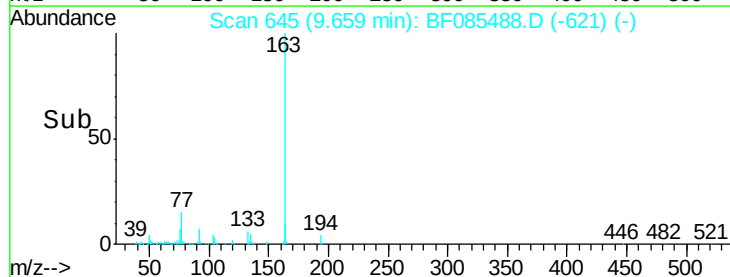
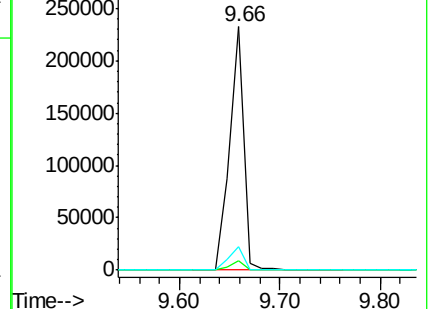
164 9.5 8.2 12.4

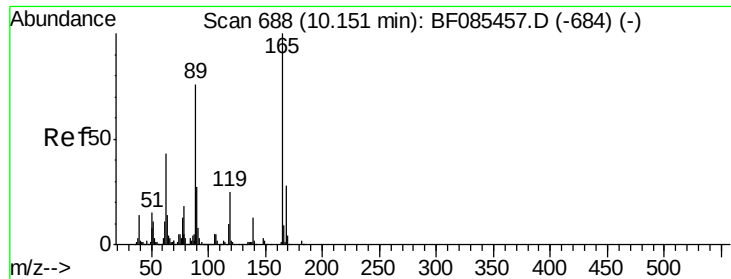


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

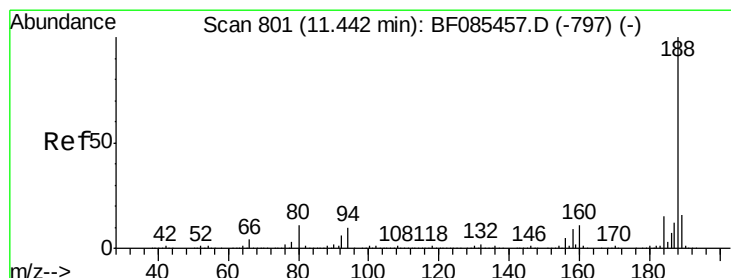
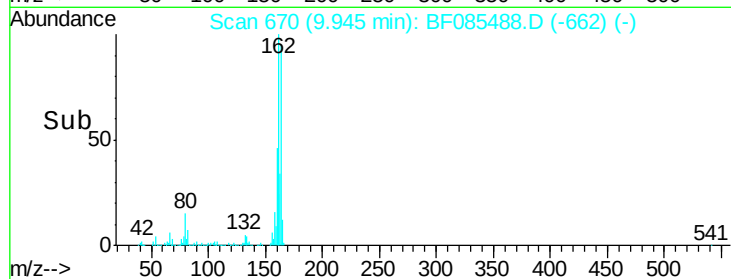
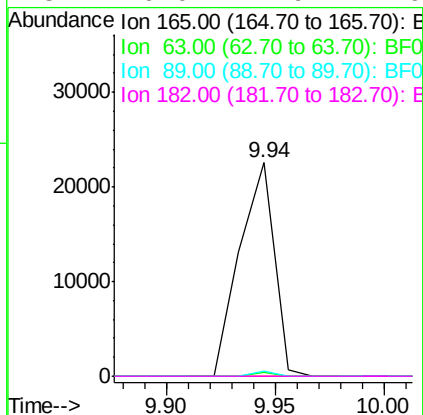
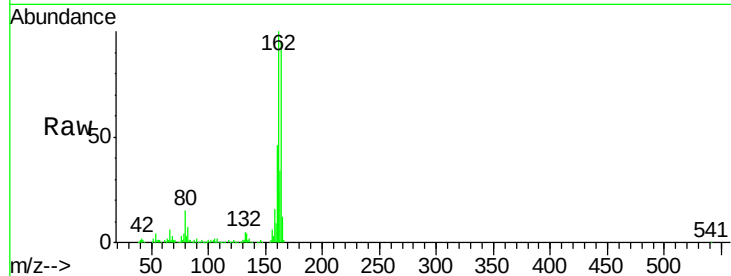




#56
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.21 min
Lab File: BF085488.D
Acq: 17 Mar 2016 3:52

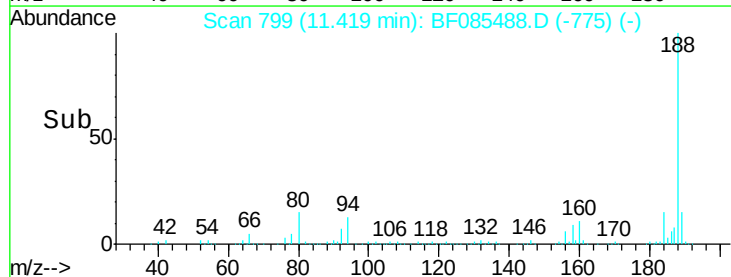
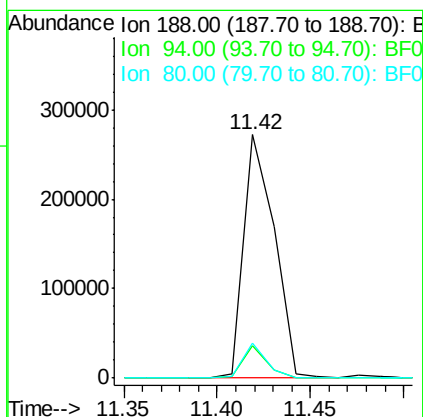
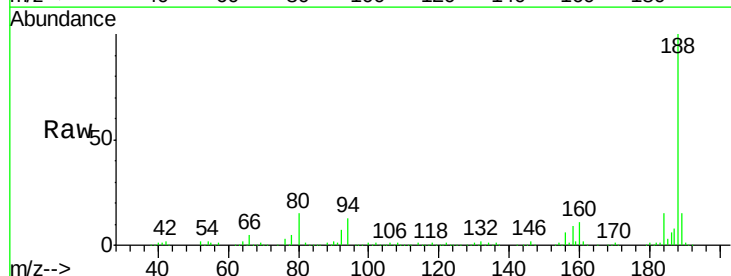
Instrument :
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SB-5(9-10)

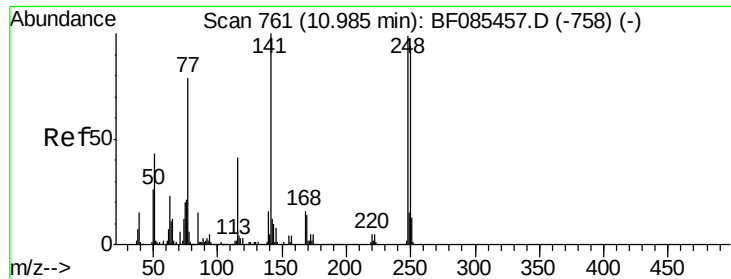
Tgt Ion:165 Resp: 24901
Ion Ratio Lower Upper
165 100
63 1.6 35.4 53.0#
89 2.5 61.9 92.9#
182 0.0 1.9 2.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF085488.D
Acq: 17 Mar 2016 3:52

Tgt Ion:188 Resp: 310421
Ion Ratio Lower Upper
188 100
94 13.1 7.0 10.6#
80 14.6 7.4 11.0#

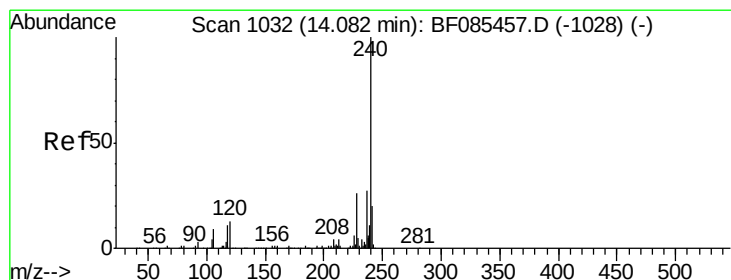
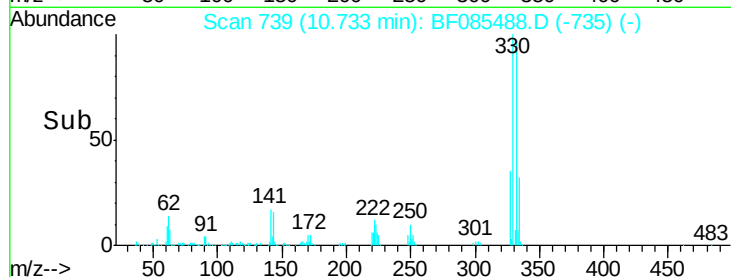
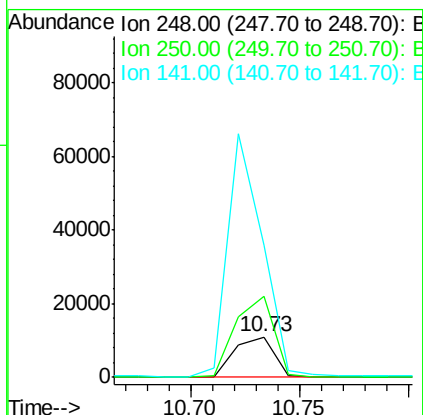
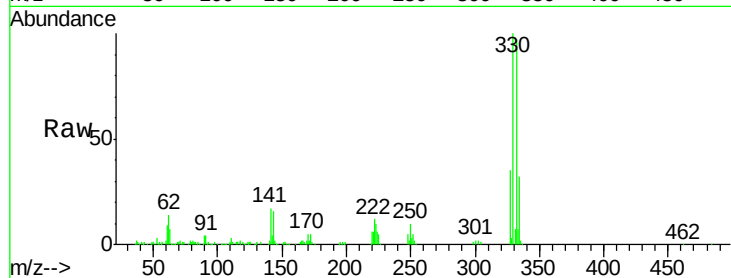




#66
4-Bromophenyl-phenylether
Concen: 4.37 ng
RT: 10.73 min Scan# 739
Delta R.T. -0.25 min
Lab File: BF085488.D
Acq: 17 Mar 2016 3:52

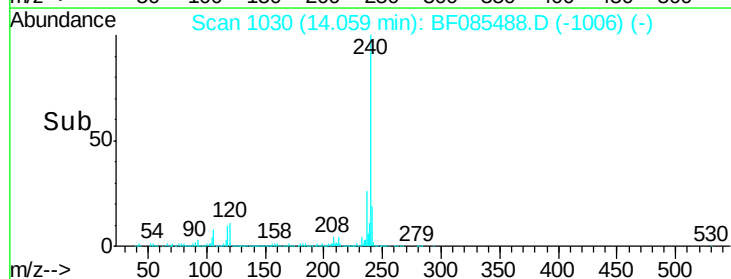
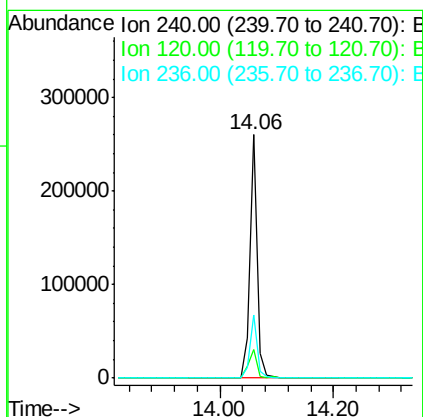
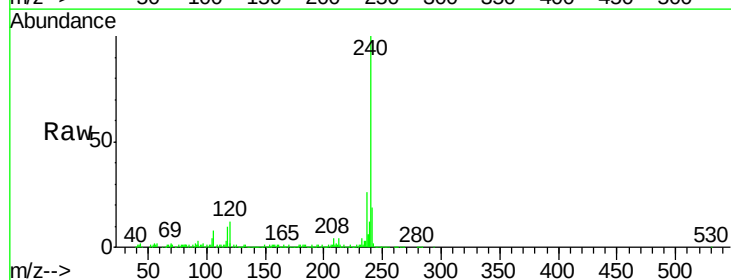
Instrument :
BNA_F
ClientSampleId :
SB-5(9-10)

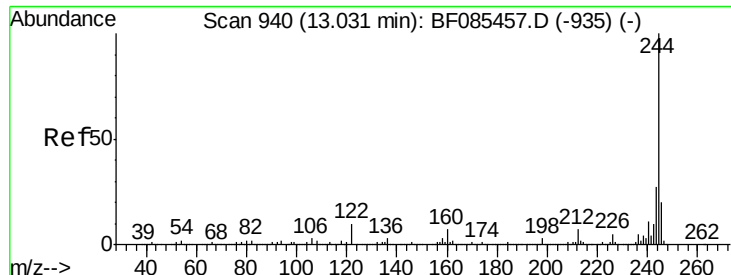
Tgt Ion:248 Resp: 13737
Ion Ratio Lower Upper
248 100
250 200.9 77.1 115.7#
141 328.1 66.2 99.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF085488.D
Acq: 17 Mar 2016 3:52

Tgt Ion:240 Resp: 235254
Ion Ratio Lower Upper
240 100
120 11.5 5.3 7.9#
236 26.1 20.7 31.1

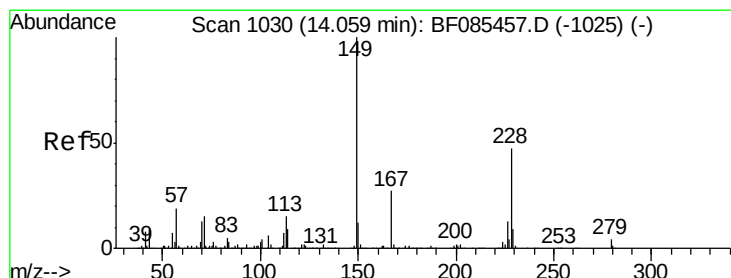
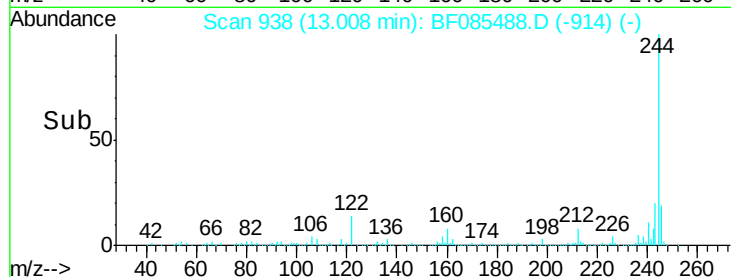
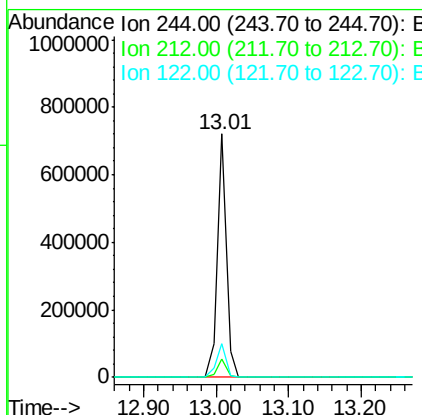
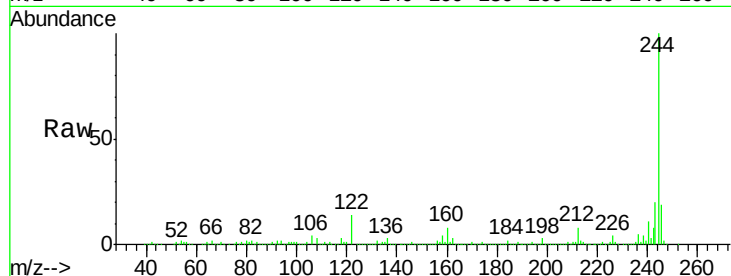




#78
 Terphenyl-d14
 Concen: 59.86 ng
 RT: 13.01 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF085488.D
 Acq: 17 Mar 2016 3:52

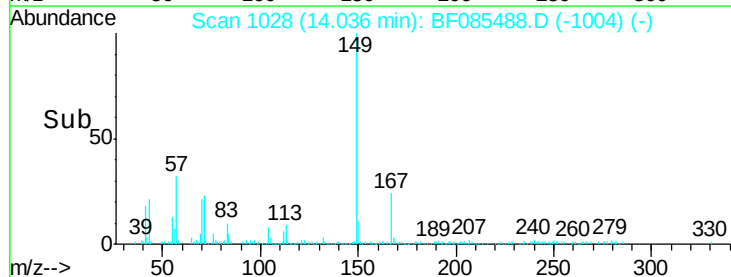
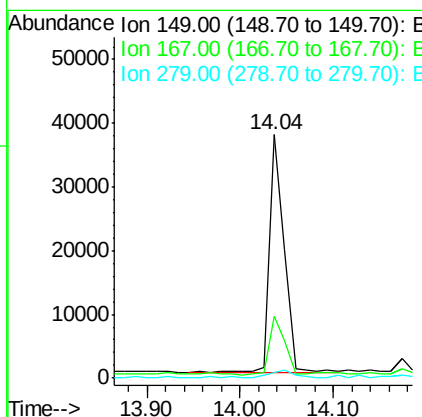
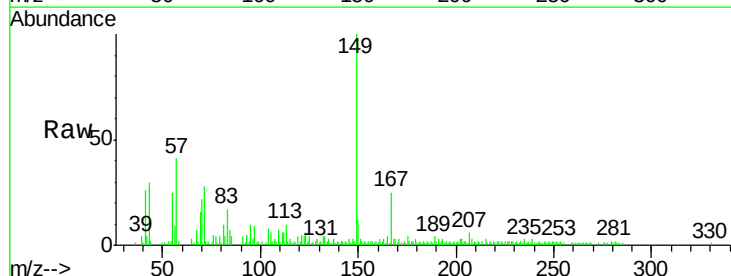
Instrument :
 BNA_F
 ClientSampleId :
 SB-5(9-10)

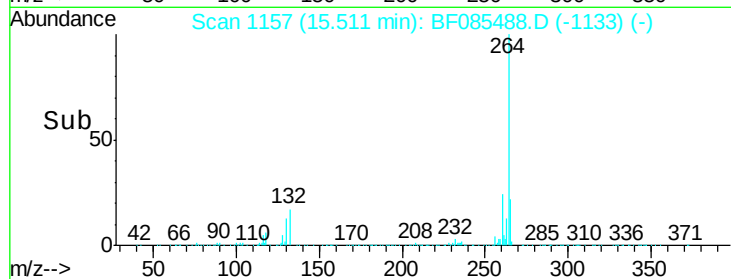
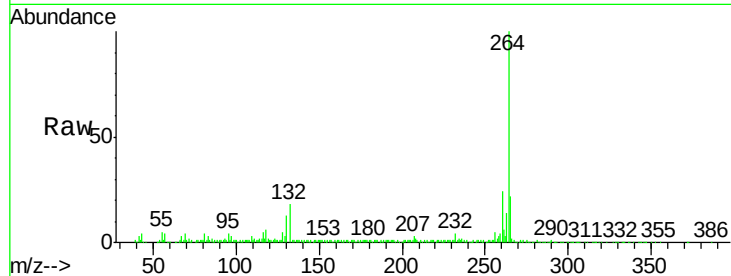
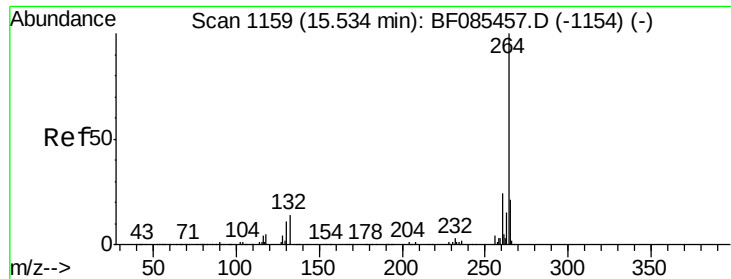
Tgt Ion:244 Resp: 622511
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 13.7 11.4 17.2



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.33 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF085488.D
 Acq: 17 Mar 2016 3:52

Tgt Ion:149 Resp: 40766
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.3 30.5
 279 2.1 1.9 2.9





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF085488.D

Acq: 17 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

SB-5(9-10)

Tgt Ion:264 Resp: 241885

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.1 17.3 25.9

