

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
 Data File : BF082124.D
 Acq On : 8 Oct 2015 13:12
 Operator : UM/IZ
 Sample : G3927-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-28(85-87)

Quant Time: Oct 09 05:05:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 05:03:35 2015
 Response via : Initial Calibration

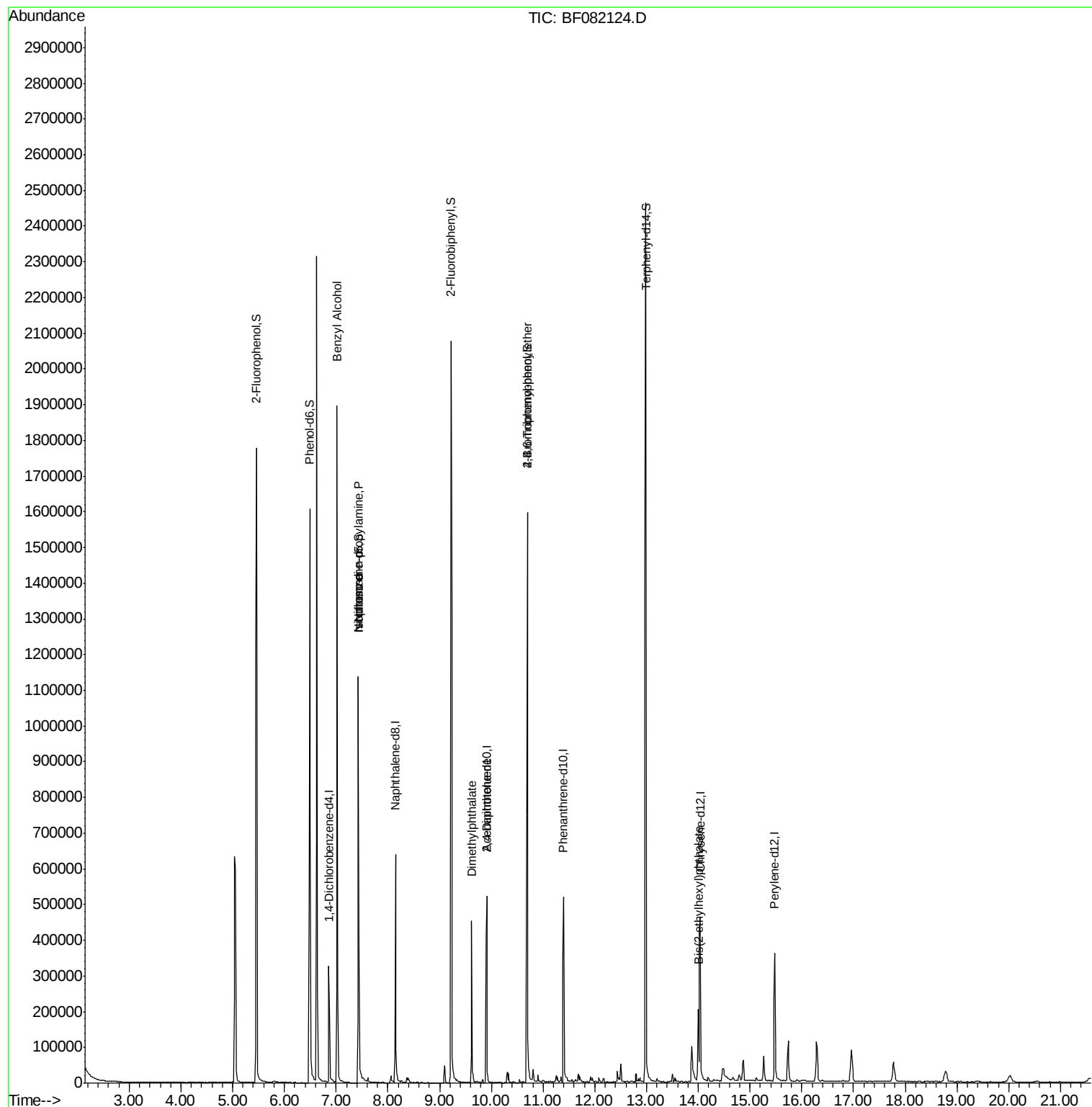
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	74575	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	314602	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	153239	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	301030	20.00	ng	0.00
75) Chrysene-d12	14.04	240	287452	20.00	ng	-0.01
86) Perylene-d12	15.48	264	213580	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	657588	160.07	ng	0.01
7) Phenol-d6	6.49	99	772412	149.42	ng	0.00
23) Nitrobenzene-d5	7.43	82	466360	98.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	236739	152.54	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	922971	105.74	ng	-0.01
78) Terphenyl-d14	12.98	244	1012985	134.95	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.02	79	7749	2.08	ng	# 31
19) n-Nitroso-di-n-propylamine	7.43	70	58928	18.76	ng	# 59
25) Isophorone	7.43	82	422574	45.17	ng	# 58
49) Dimethylphthalate	9.62	163	199855	18.89	ng	# 97
56) 2,4-Dinitrotoluene	9.91	165	18884	6.45	ng	# 31
57) Fluorene	10.70	166	9927	Below Cal	#	75
66) 4-Bromophenyl-phenylether	10.70	248	16252	5.35	ng	# 1
70) Phenanthrene	11.42	178	859	Below Cal	#	62
73) Di-n-butylphthalate	11.95	149	8692	Below Cal	#	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	132559	16.35	ng	# 93

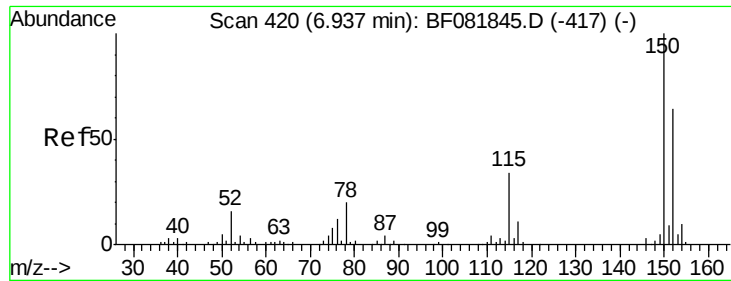
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF082124.D

Acq: 8 Oct 2015 13:12

Instrument :

BNA_F

ClientSampleId :

OS-SB-28(85-87)

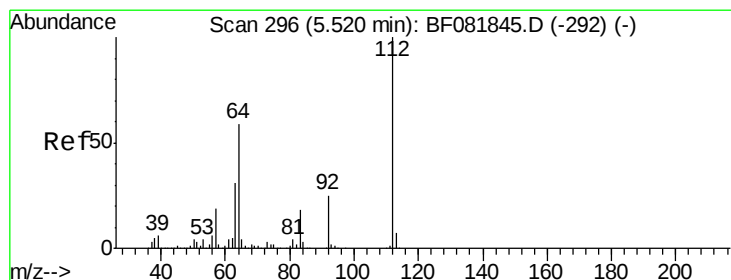
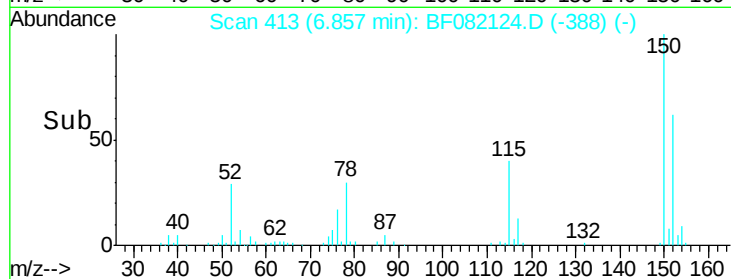
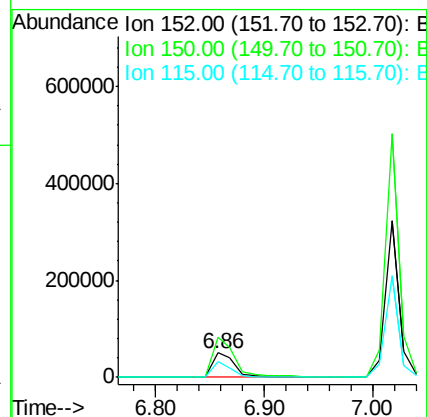
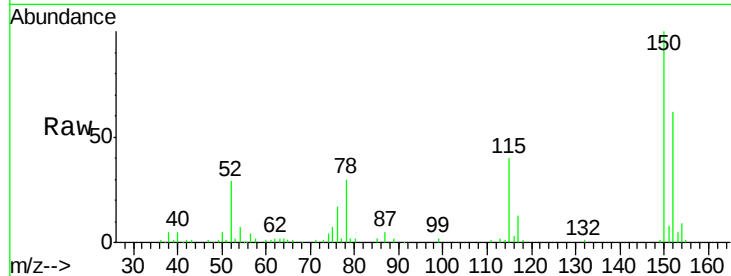
Tot Ion:152 Resp: 74575

Ion Ratio Lower Upper

152 100

150 161.7 124.7 187.1

115 64.5 39.0 58.4#



#5

2-Fluorophenol

Concen: 160.07 ng

RT: 5.46 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF082124.D

Acq: 8 Oct 2015 13:12

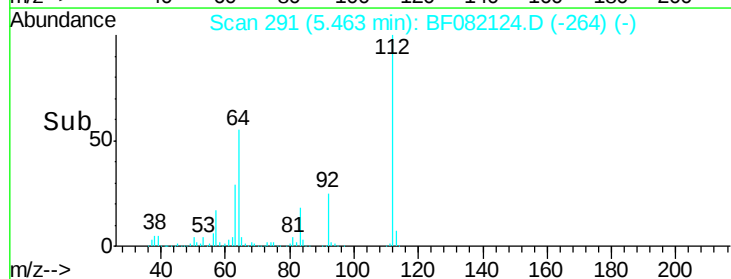
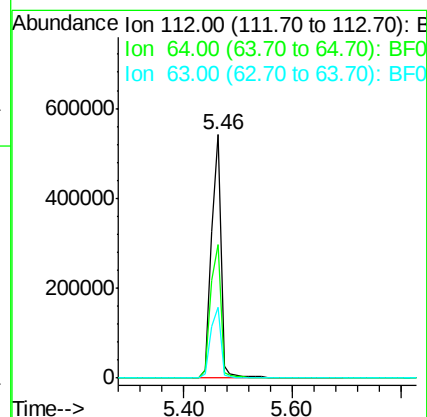
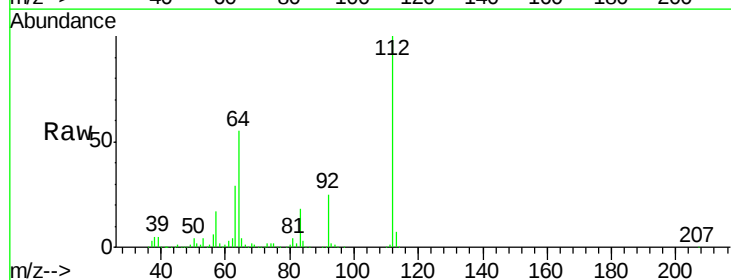
Tgt Ion:112 Resp: 657588

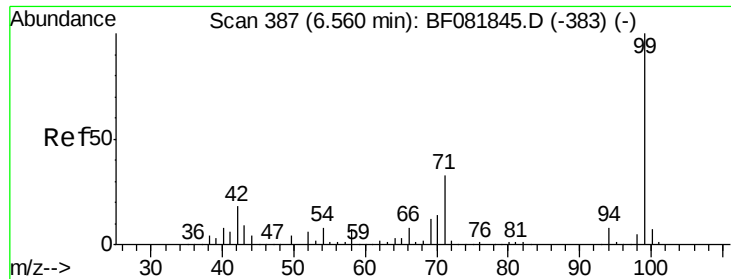
Ion Ratio Lower Upper

112 100

64 55.0 39.7 59.5

63 29.3 17.4 26.0#





#7

Phenol-d6

Concen: 149.42 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082124.D

Acq: 8 Oct 2015 13:12

Instrument :

BNA_F

ClientSampleId :

OS-SB-28(85-87)

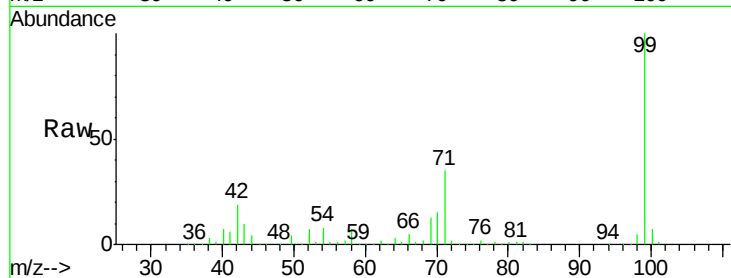
Tot Ion: 99 Resp: 772412

Ion Ratio Lower Upper

99 100

42 19.0 13.7 20.5

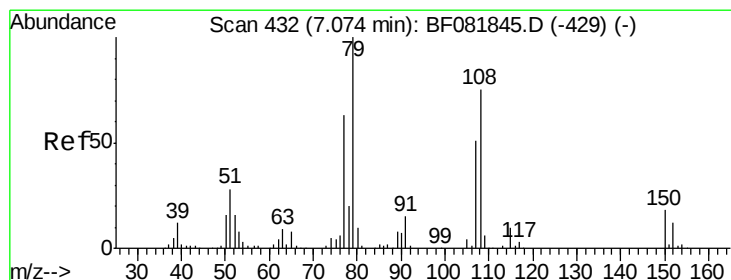
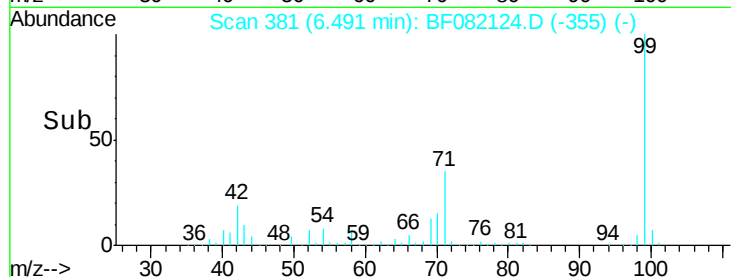
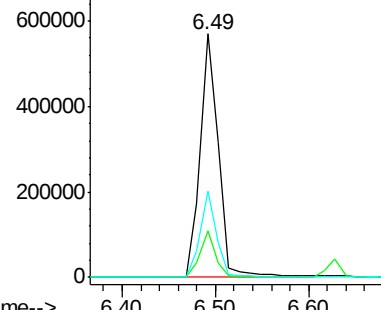
71 35.4 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 7.02 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF082124.D

Acq: 8 Oct 2015 13:12

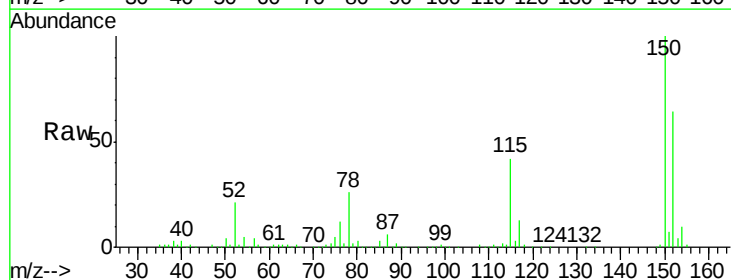
Tgt Ion: 79 Resp: 7749

Ion Ratio Lower Upper

79 100

108 29.6 88.6 132.8#

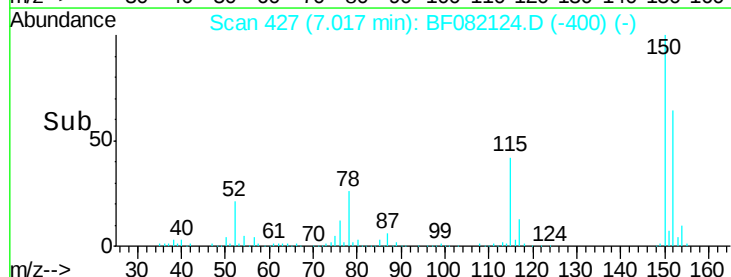
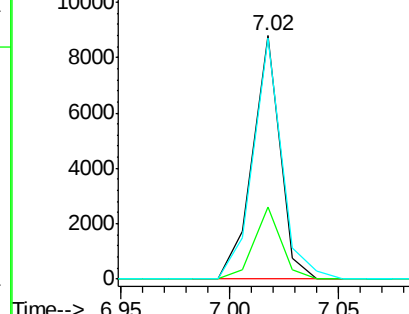
77 99.0 47.0 70.4#

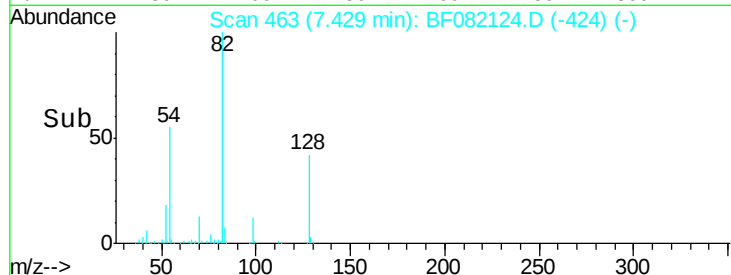
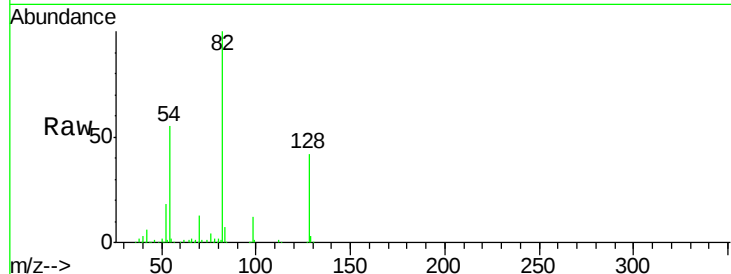
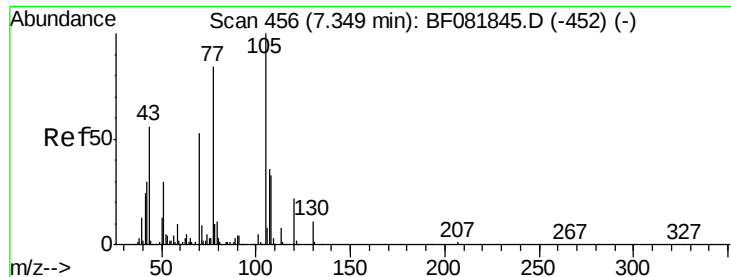


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

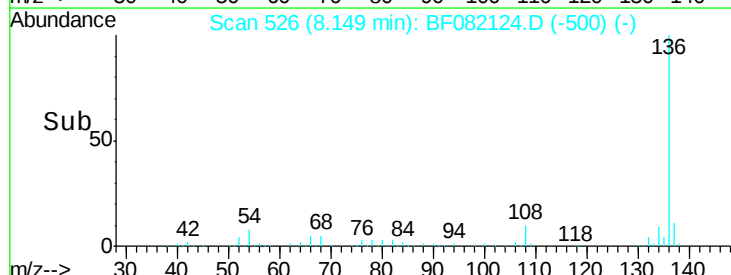
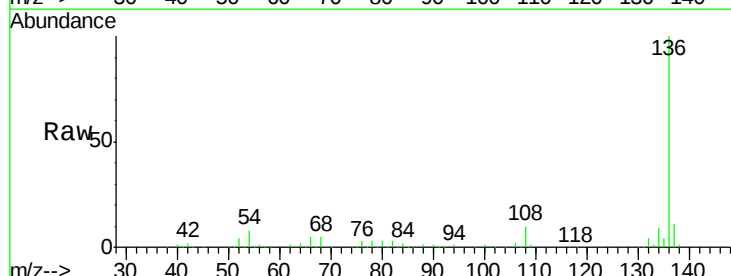
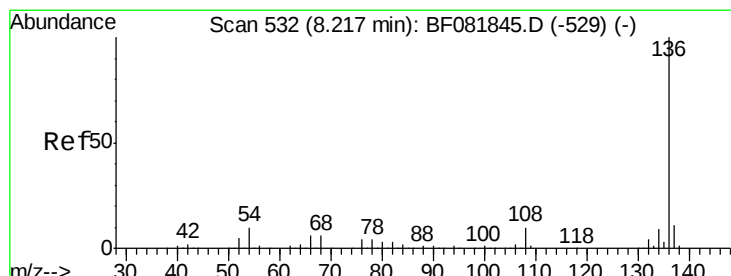
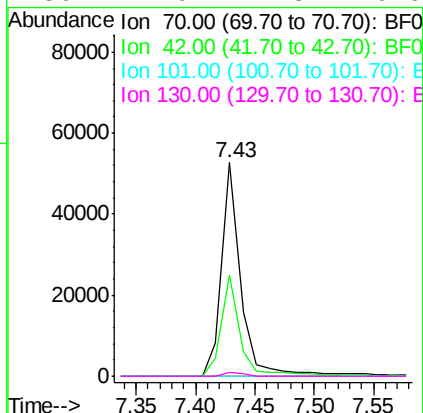




#19
n-Nitroso-di-n-propylamine
Concen: 18.76 ng
RT: 7.43 min Scan# 463
Delta R.T. 0.15 min
Lab File: BF082124.D
Acq: 8 Oct 2015 13:12

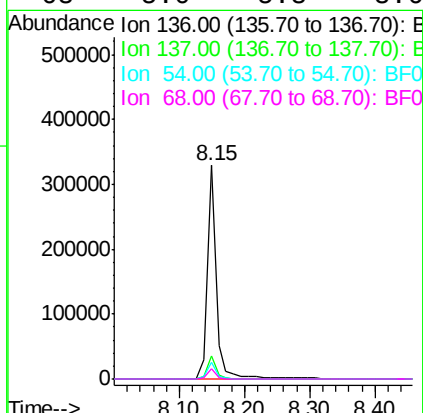
Instrument :
BNA_F
ClientSampleId :
OS-SB-28(85-87)

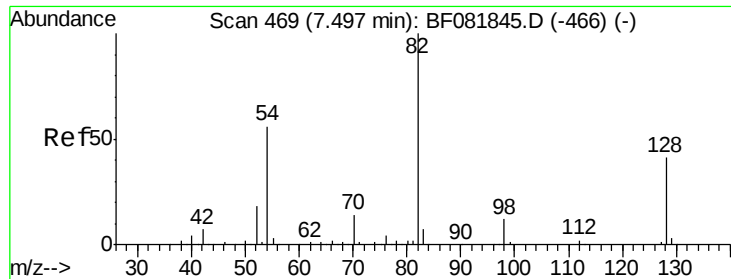
Tot Ion: 70 Resp: 58928
Ion Ratio Lower Upper
70 100
42 47.4 63.8 95.6#
101 0.0 9.2 13.8#
130 2.0 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082124.D
Acq: 8 Oct 2015 13:12

Tgt Ion: 136 Resp: 314602
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 7.7 8.2 12.2#
68 5.0 5.8 8.6#

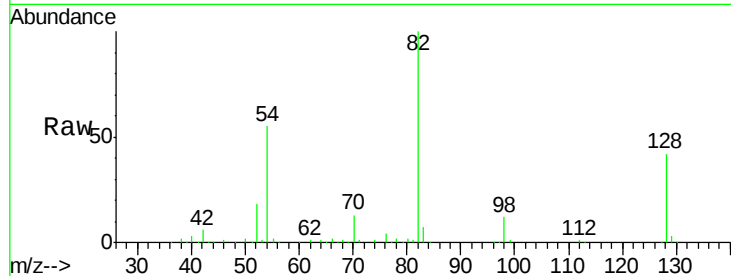




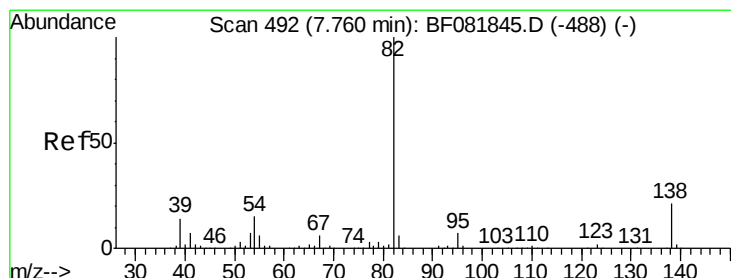
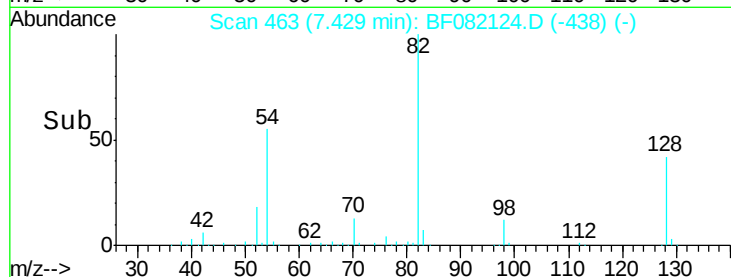
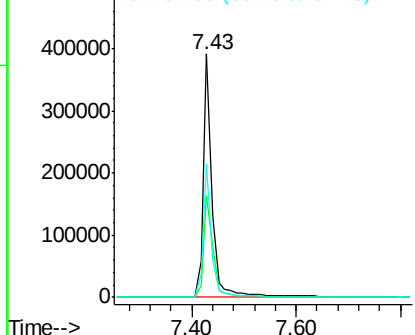
#23
 Nitrobenzene-d5
 Concen: 98.82 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF082124.D
 Acq: 8 Oct 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-28(85-87)

Tot Ion: 82 Resp: 466360
 Ion Ratio Lower Upper
 82 100
 128 41.6 51.0 76.6#
 54 55.1 47.5 71.3

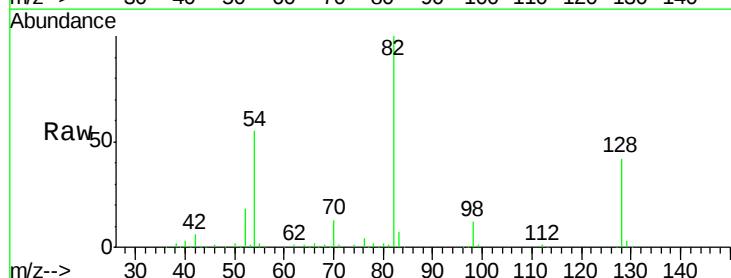


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

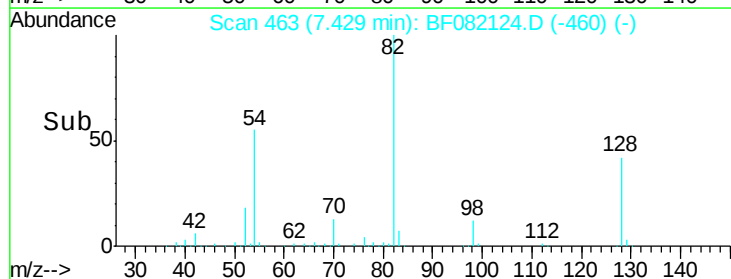
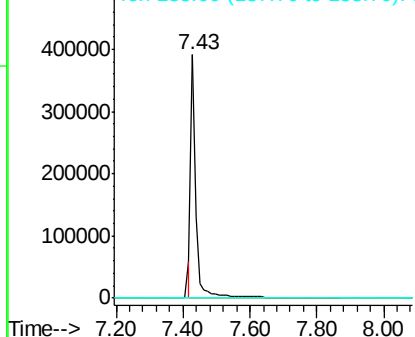


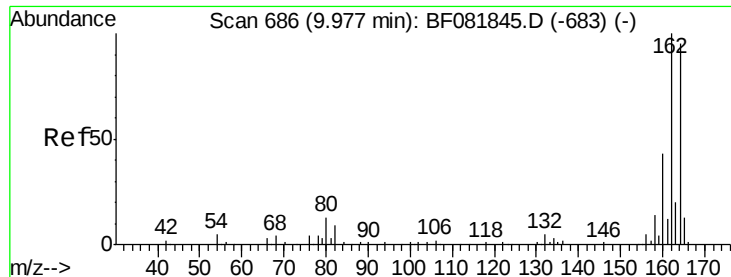
#25
 Isophorone
 Concen: 45.17 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.26 min
 Lab File: BF082124.D
 Acq: 8 Oct 2015 13:12

Tgt Ion: 82 Resp: 422574
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#



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

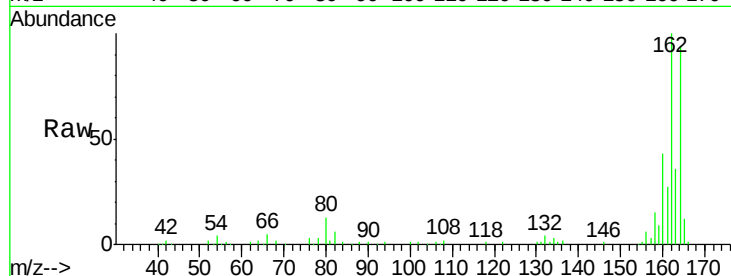




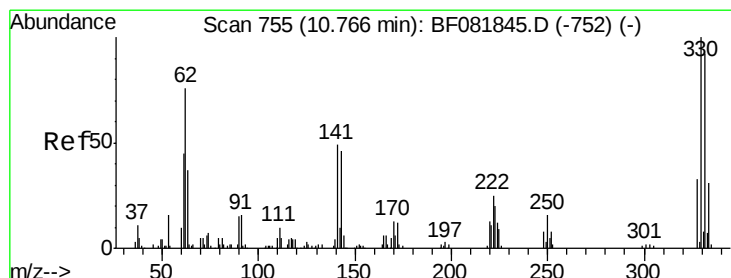
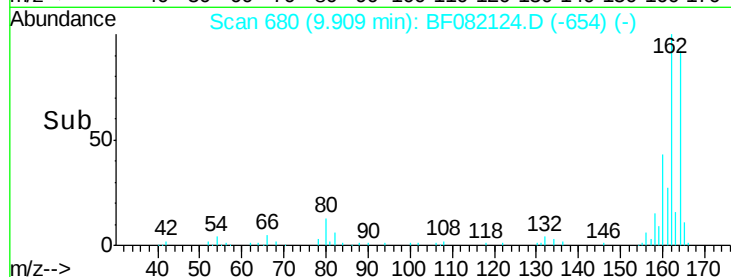
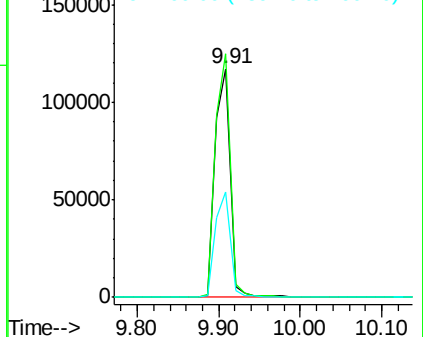
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF082124.D
Acq: 8 Oct 2015 13:12

Instrument :
BNA_F
ClientSampleId :
OS-SB-28(85-87)

Tot Ion:164 Resp: 153239
Ion Ratio Lower Upper
164 100
162 106.4 75.2 112.8
160 46.3 31.5 47.3

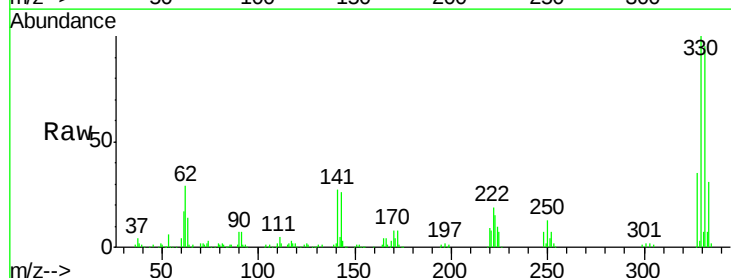


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

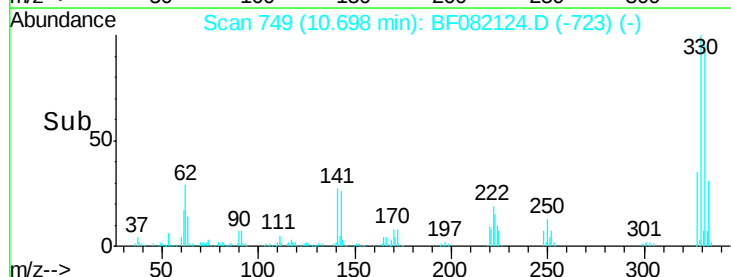
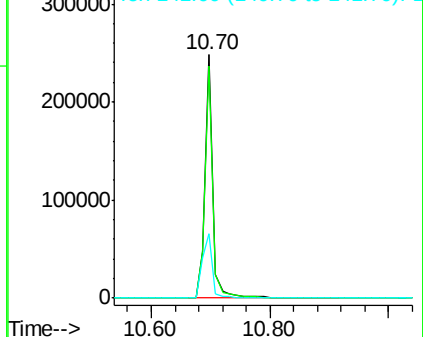


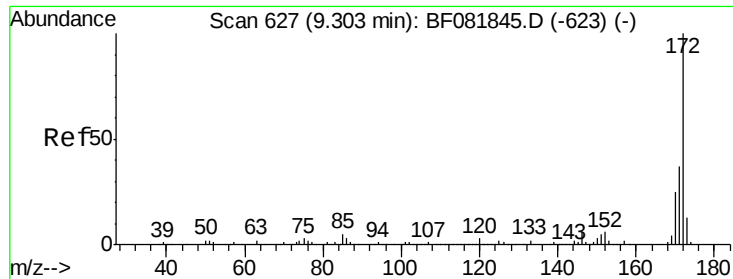
#41
2,4,6-Tribromophenol
Concen: 152.54 ng
RT: 10.70 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF082124.D
Acq: 8 Oct 2015 13:12

Tgt Ion:330 Resp: 236739
Ion Ratio Lower Upper
330 100
332 96.1 76.6 114.8
141 34.5 29.7 44.5



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

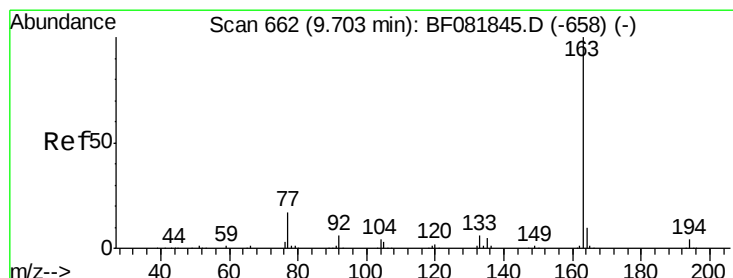
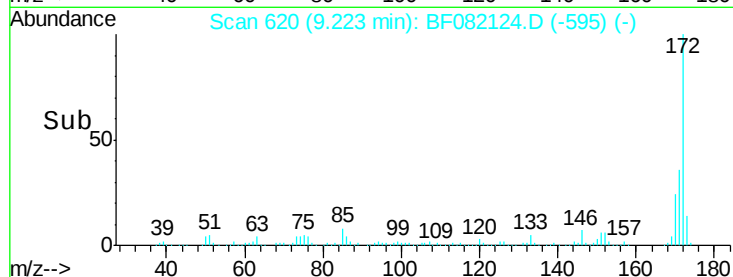
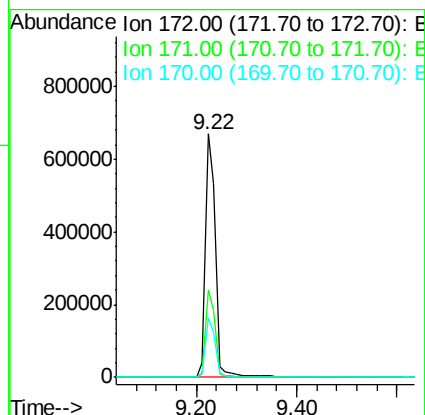
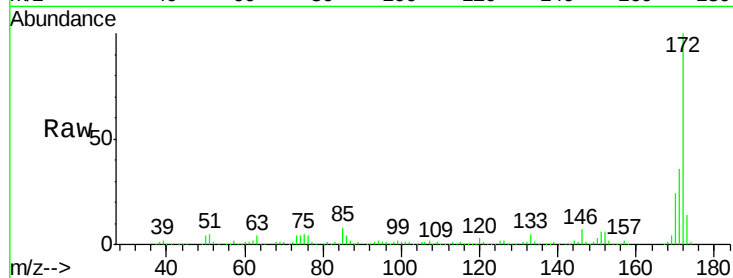




#44
 2-Fluorobiphenyl
 Concen: 105.74 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF082124.D
 Acq: 8 Oct 2015 13:12

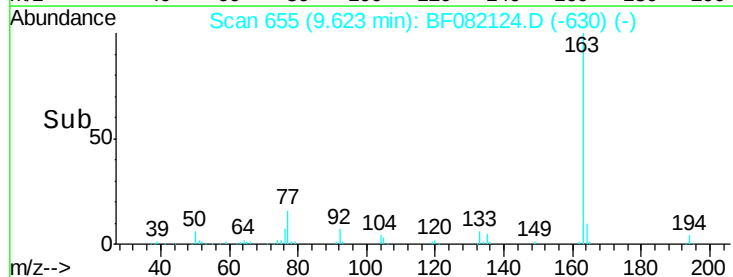
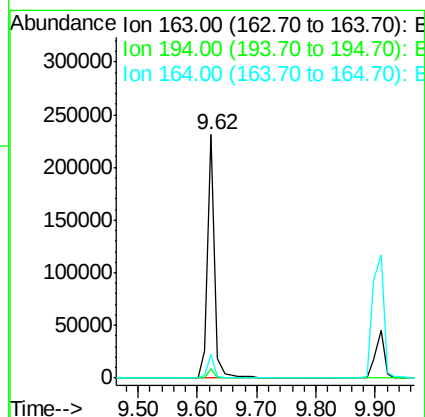
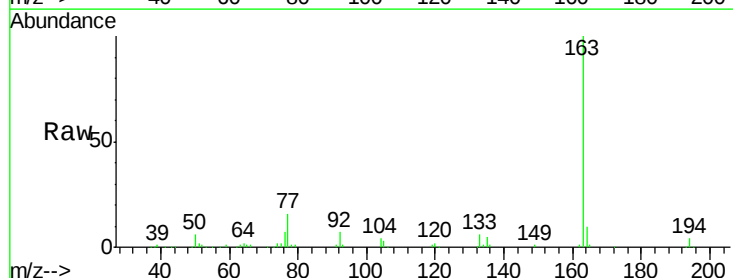
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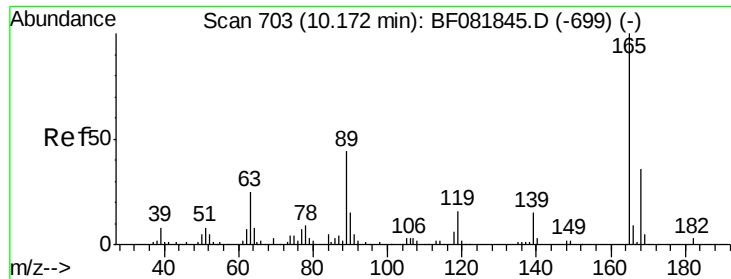
Tot Ion:172 Resp: 922971
 Ion Ratio Lower Upper
 172 100
 171 36.2 26.1 39.1
 170 24.4 17.4 26.2



#49
 Dimethylphthalate
 Concen: 18.89 ng
 RT: 9.62 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF082124.D
 Acq: 8 Oct 2015 13:12

Tgt Ion:163 Resp: 199855
 Ion Ratio Lower Upper
 163 100
 194 3.6 4.4 6.6#
 164 9.9 8.3 12.5

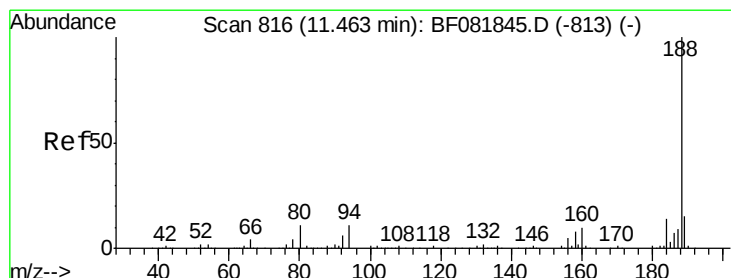
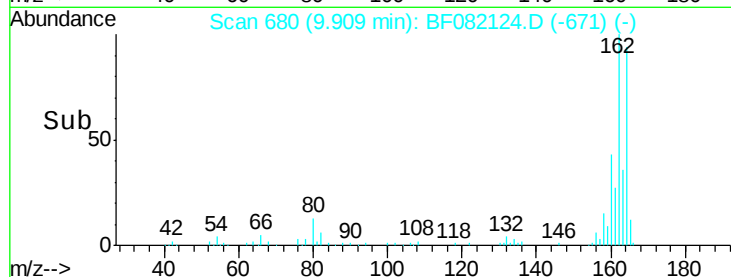
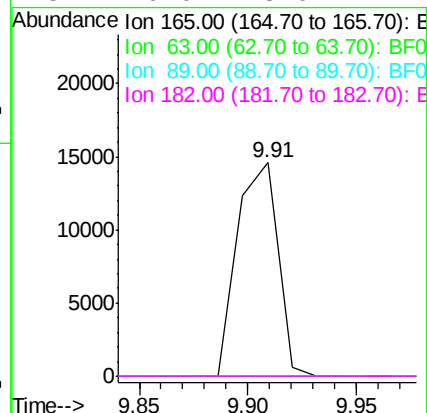
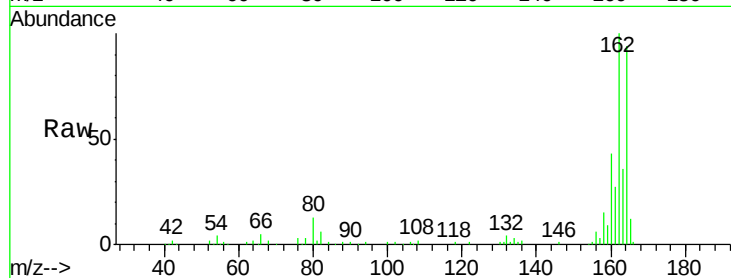




#56
 2,4-Dinitrotoluene
 Concen: 6.45 ng
 RT: 9.91 min Scan# 680
 Delta R.T. -0.19 min
 Lab File: BF082124.D
 Acq: 8 Oct 2015 13:12

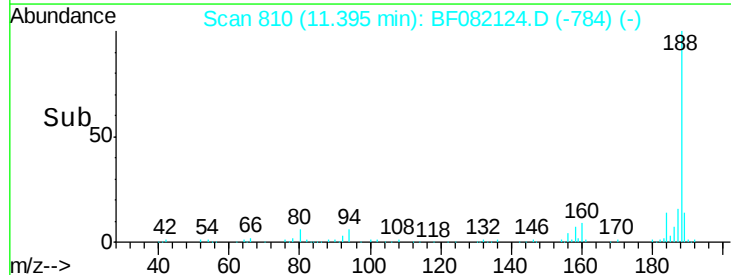
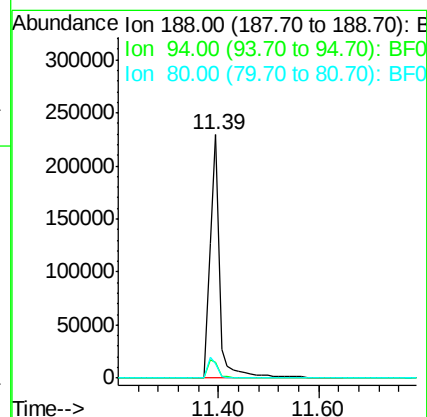
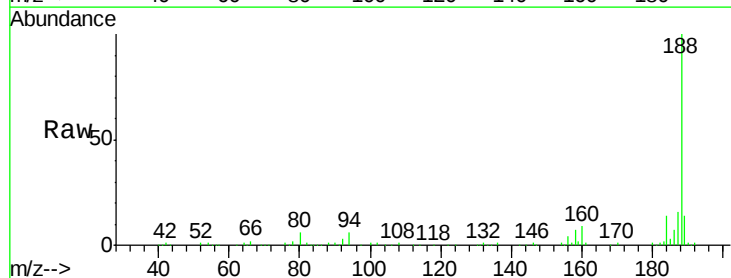
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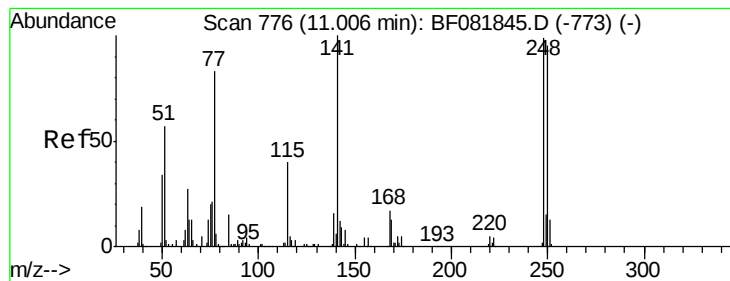
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082124.D
 Acq: 8 Oct 2015 13:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	11.1	16.7#
80	6.1	11.0	16.4#





#66

4-Bromophenyl-phenylether

Concen: 5.35 ng

RT: 10.70 min Scan# 749

Delta R.T. -0.24 min

Lab File: BF082124.D

Acq: 8 Oct 2015 13:12

Instrument :

BNA_F

ClientSampleId :

OS-SB-28(85-87)

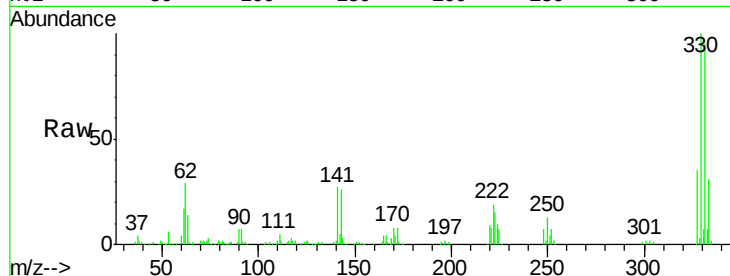
Tot Ion:248 Resp: 16252

Ion Ratio Lower Upper

248 100

250 196.6 78.5 117.7#

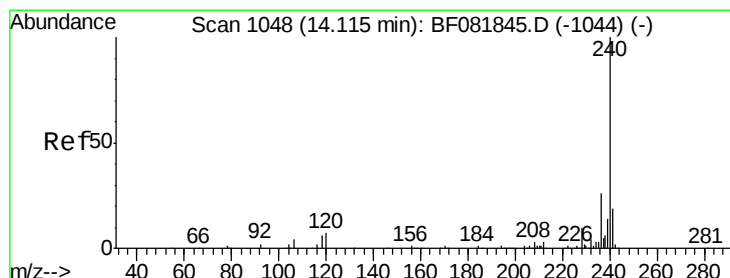
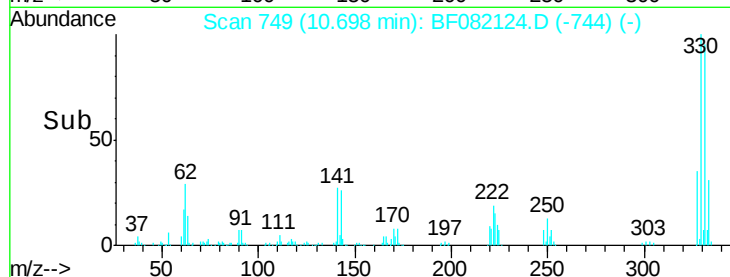
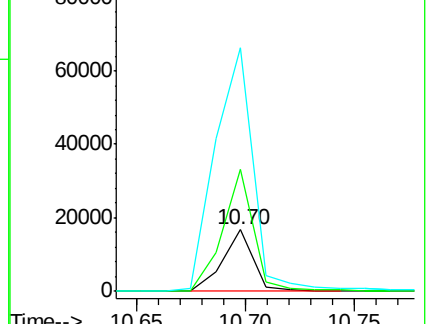
141 394.1 59.0 88.6#



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# 1041

Delta R.T. -0.01 min

Lab File: BF082124.D

Acq: 8 Oct 2015 13:12

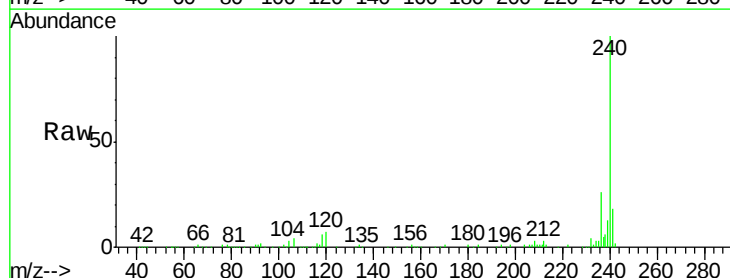
Tgt Ion:240 Resp: 287452

Ion Ratio Lower Upper

240 100

120 7.0 16.2 24.2#

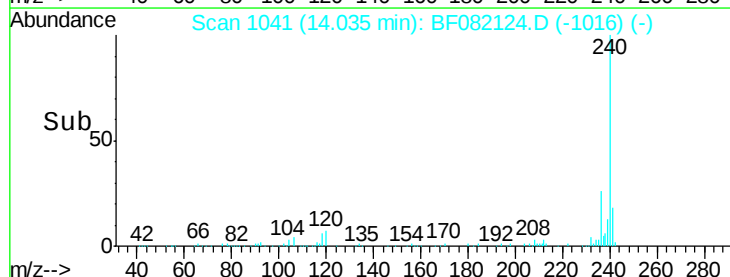
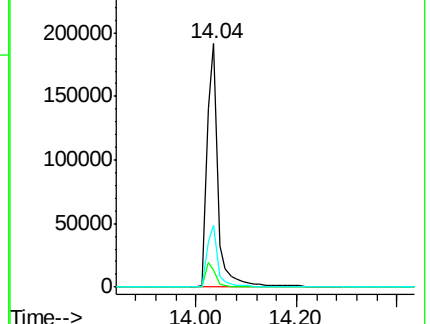
236 25.7 18.4 27.6

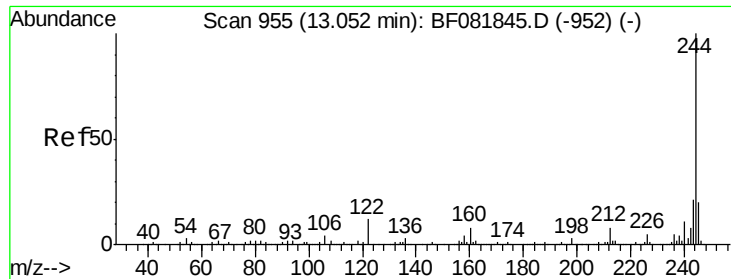


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

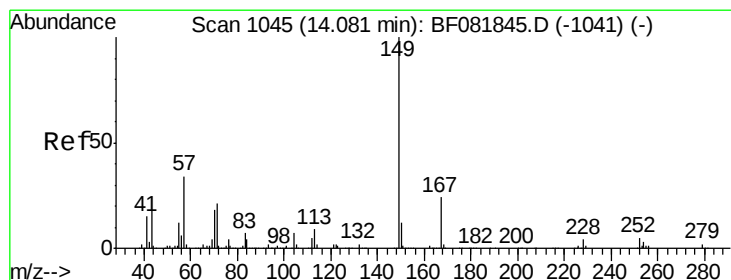
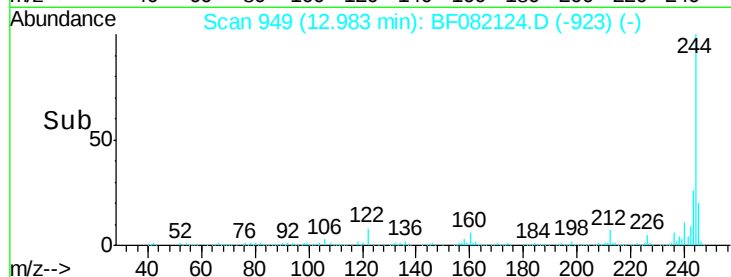
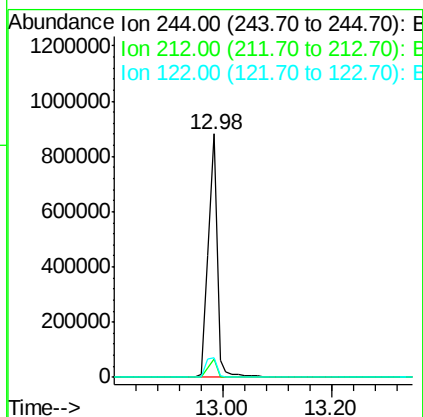
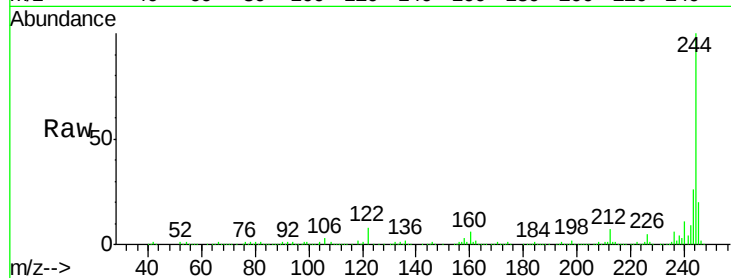




#78
 Terphenyl-d14
 Concen: 134.95 ng
 RT: 12.98 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF082124.D
 Acq: 8 Oct 2015 13:12

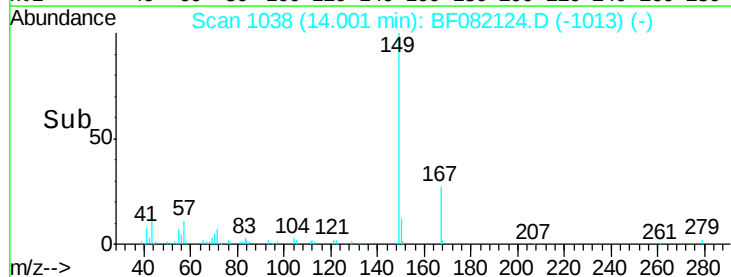
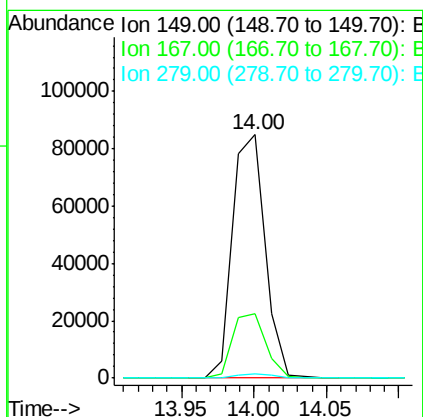
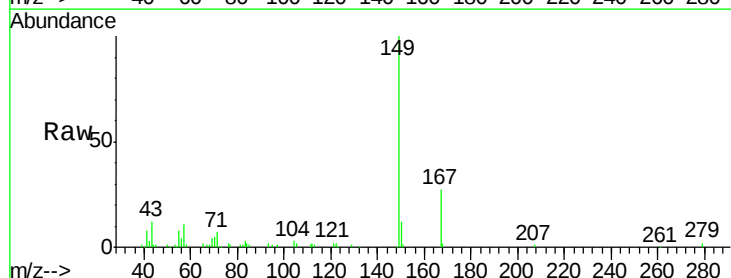
Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-28(85-87)

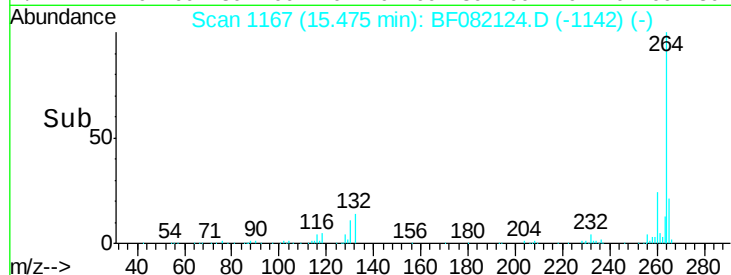
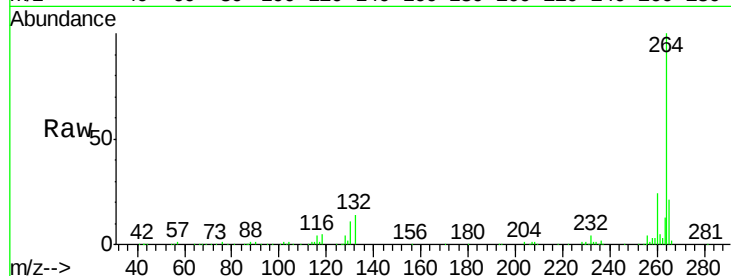
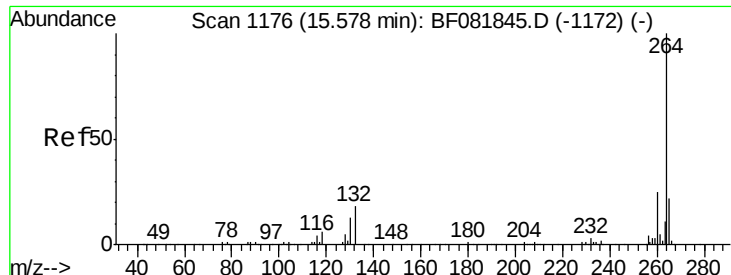
Tot Ion:244 Resp: 1012985
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.3 6.5#
 122 7.8 17.4 26.2#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 16.35 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF082124.D
 Acq: 8 Oct 2015 13:12

Tgt Ion:149 Resp: 132559
 Ion Ratio Lower Upper
 149 100
 167 26.6 24.2 36.2
 279 1.9 3.8 5.6#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF082124.D
 Acq: 8 Oct 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-28(85-87)

Tot Ion:	264	Resp:	213580
Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	20.9	17.2	25.8

