

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF081995.D
 Acq On : 2 Oct 2015 23:05
 Operator : UM/IZ
 Sample : G3886-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(70-72)

Quant Time: Oct 05 06:43:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

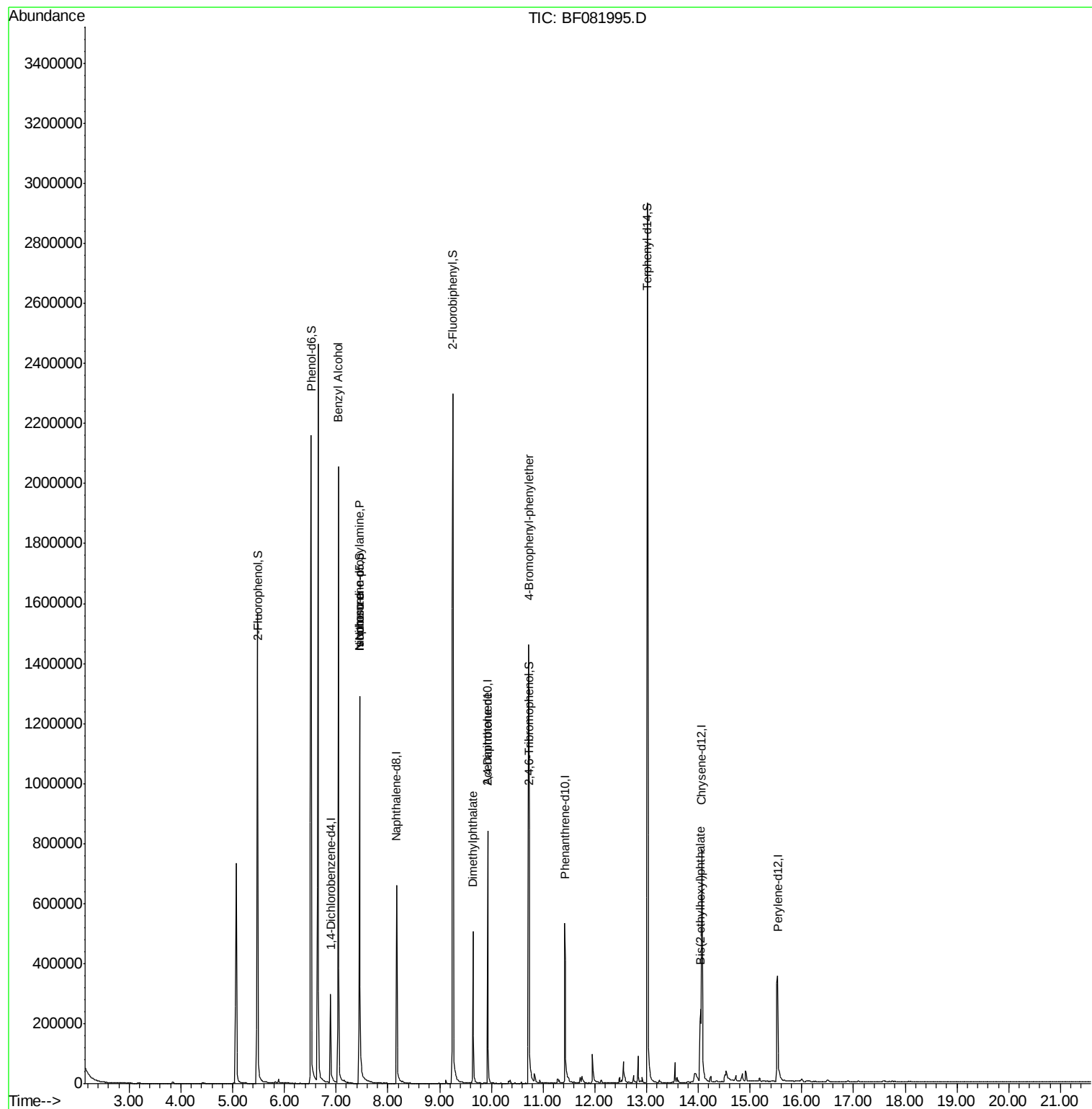
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	85897	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	355745	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	178191	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	350388	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	360434	20.00	ng	-0.05
86) Perylene-d12	15.53	264	258135	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	677515	143.18	ng	-0.03
7) Phenol-d6	6.51	99	879273	147.67	ng	-0.05
23) Nitrobenzene-d5	7.45	82	519624	97.37	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	251780	139.52	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1094770	108.58	ng	-0.05
78) Terphenyl-d14	13.02	244	1117495	108.09	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	7.04	79	8671	2.02	ng	# 33
19) n-Nitroso-di-n-propylamine	7.45	70	64927	17.94	ng	# 57
25) Isophorone	7.45	82	474187	44.83	ng	# 58
49) Dimethylphthalate	9.65	163	247335	20.11	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	21942	6.45	ng	# 33
57) Fluorene	10.72	166	9592	Below Cal	#	83
66) 4-Bromophenyl-phenylether	10.72	248	16093	4.56	ng	# 1
70) Phenanthrene	11.45	178	1809	Below Cal	#	62
73) Di-n-butylphthalate	11.99	149	3381	Below Cal	#	93
83) Bis(2-ethylhexyl)phthalate	14.05	149	155882	15.34	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: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081995.D

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ClientSampleId :

OS-SB-24(70-72)

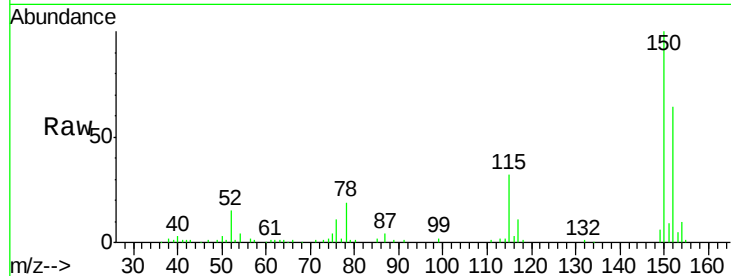
Tgt Ion:152 Resp: 85897

Ion Ratio Lower Upper

152 100

150 157.3 124.7 187.1

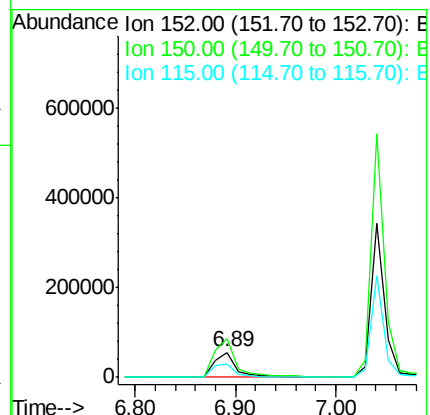
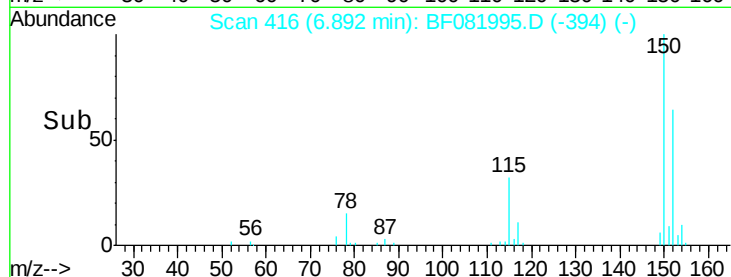
115 50.5 39.0 58.4



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: 143.18 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081995.D

Acq: 2 Oct 2015 23:05

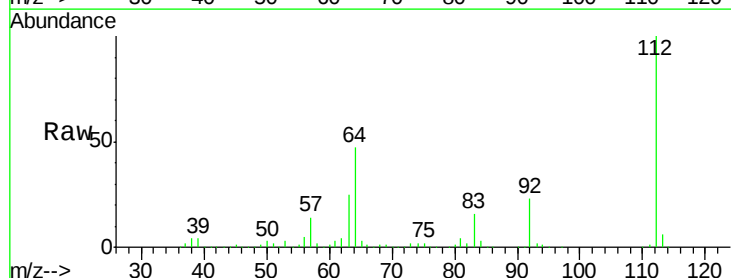
Tgt Ion:112 Resp: 677515

Ion Ratio Lower Upper

112 100

64 47.4 39.7 59.5

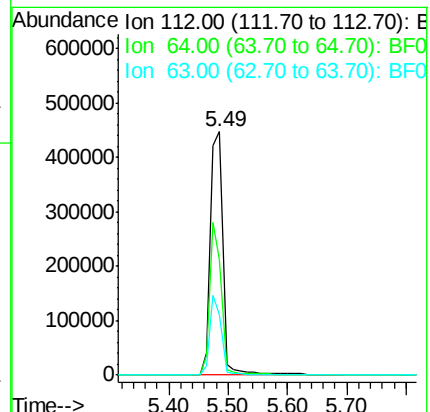
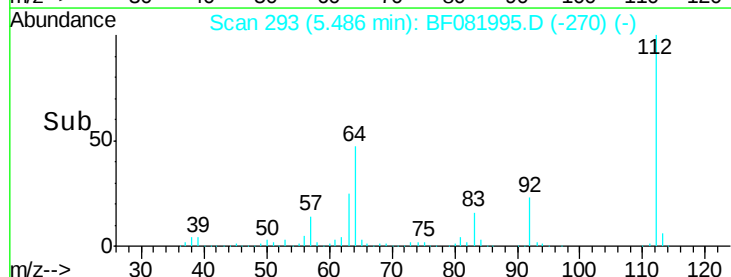
63 24.7 17.4 26.0

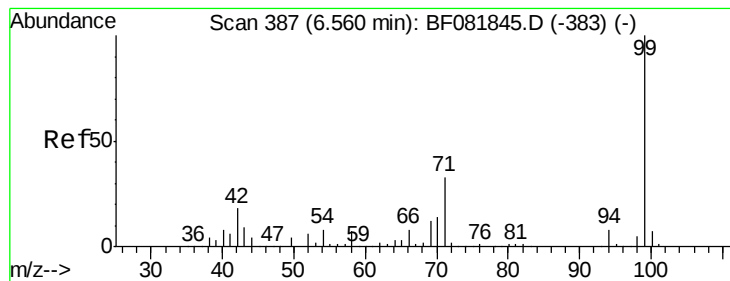


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.67 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081995.D

Acq: 2 Oct 2015 23:05

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(70-72)

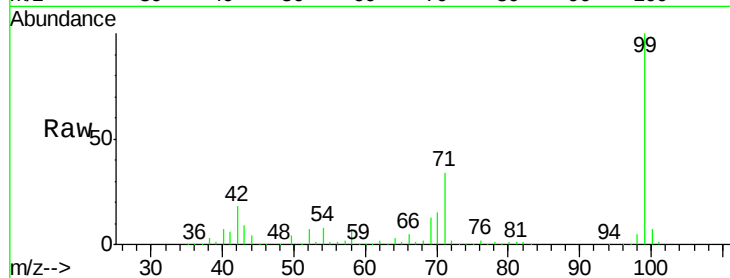
Tgt Ion: 99 Resp: 879273

Ion Ratio Lower Upper

99 100

42 17.8 13.7 20.5

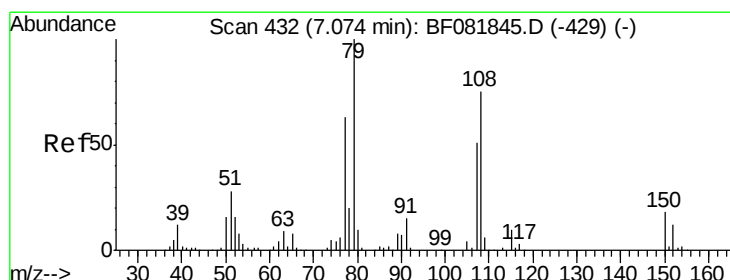
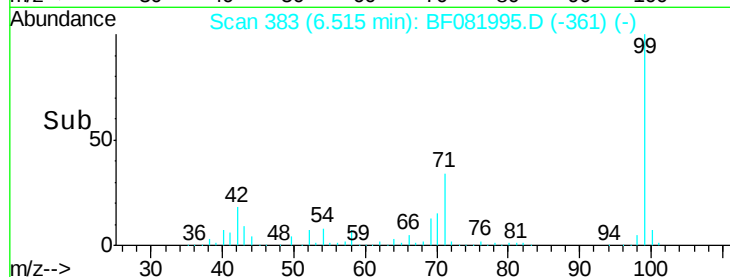
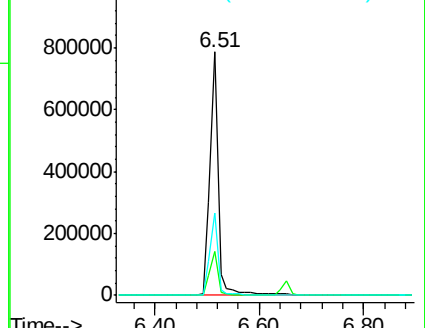
71 33.8 14.2 21.2#



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: 2.02 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF081995.D

Acq: 2 Oct 2015 23:05

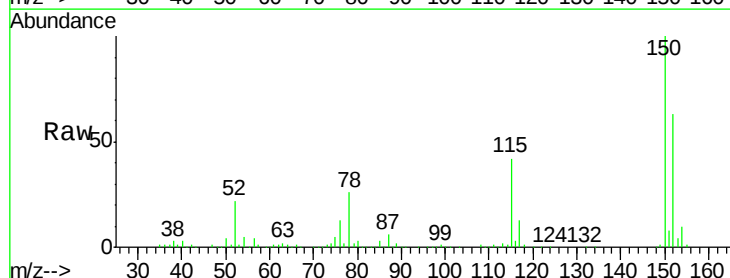
Tgt Ion: 79 Resp: 8671

Ion Ratio Lower Upper

79 100

108 29.4 88.6 132.8#

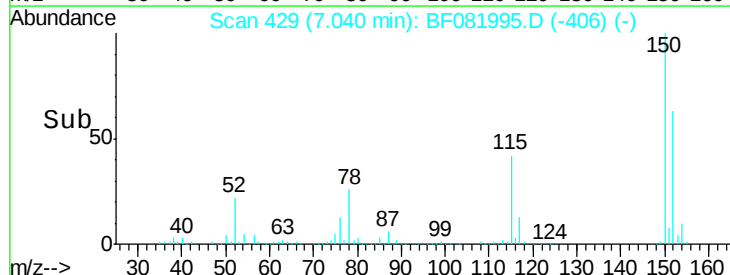
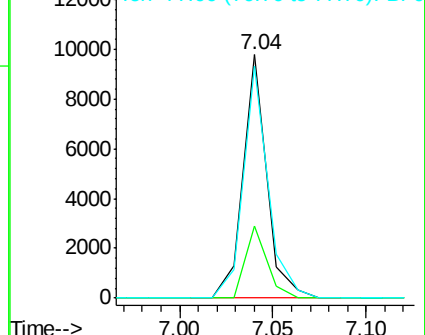
77 95.3 47.0 70.4#

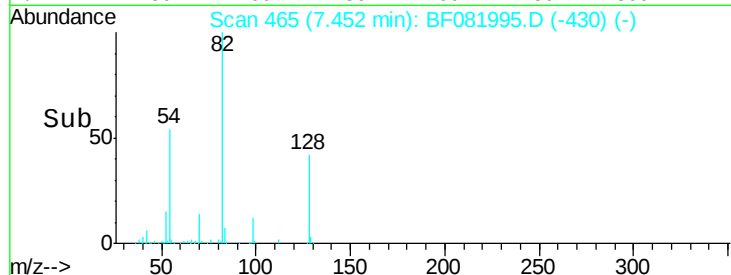
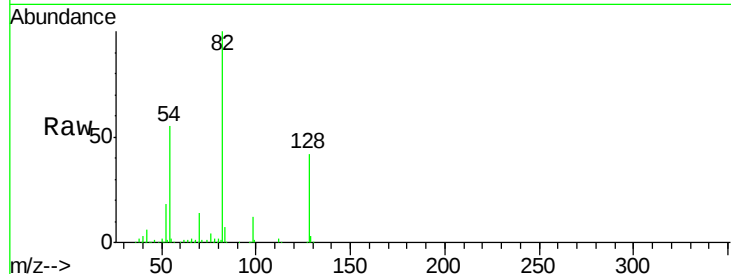
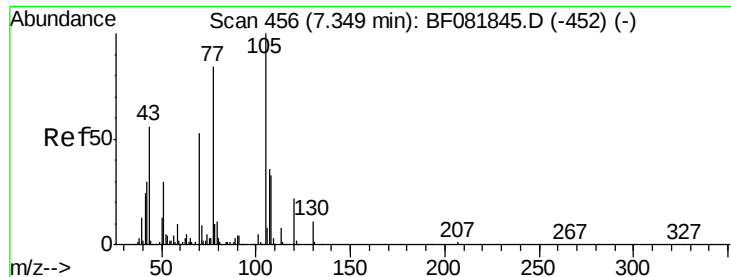


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

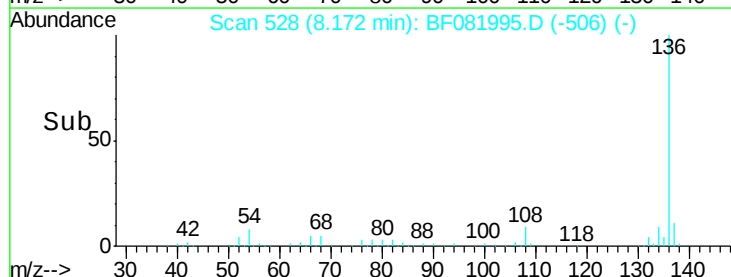
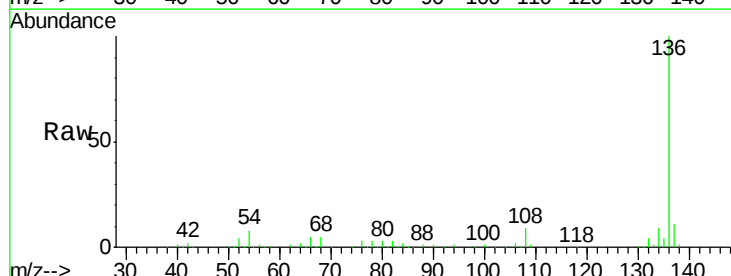
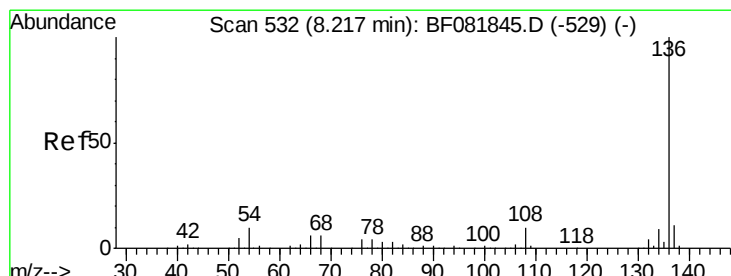
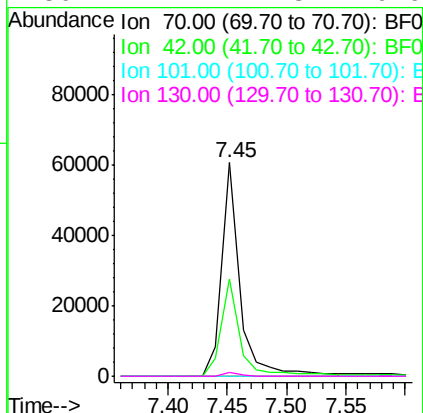




#19
n-Nitroso-di-n-propylamine
Concen: 17.94 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.10 min
Lab File: BF081995.D
Acq: 2 Oct 2015 23:05

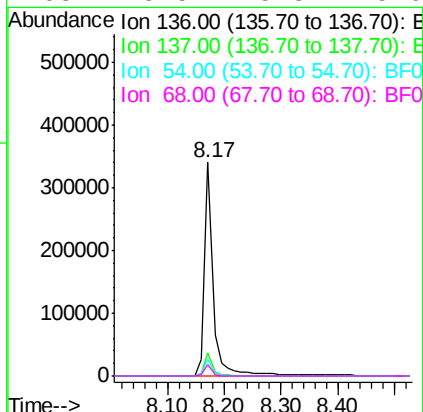
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OS-SB-24(70-72)

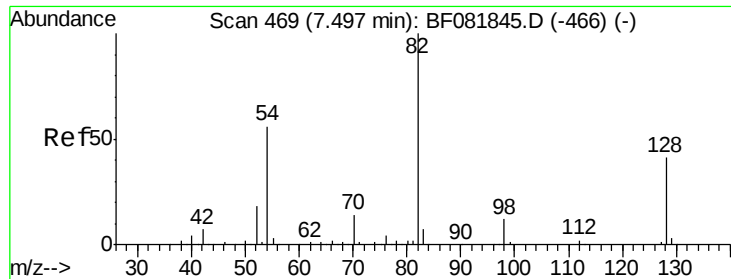
Tgt Ion:	70	Resp:	64927
Ion	Ratio	Lower	Upper
70	100		
42	45.3	63.8	95.6#
101	0.0	9.2	13.8#
130	2.1	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF081995.D
Acq: 2 Oct 2015 23:05

Tgt Ion:	136	Resp:	355745
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.7	8.2	12.2#
68	5.5	5.8	8.6#

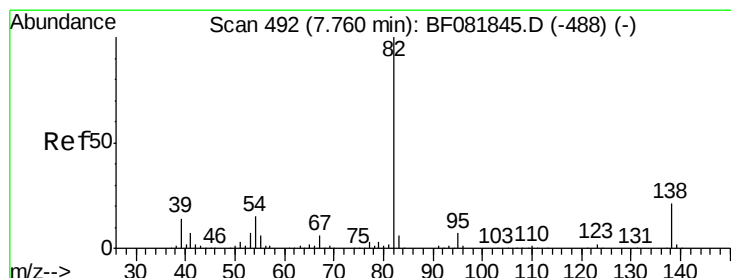
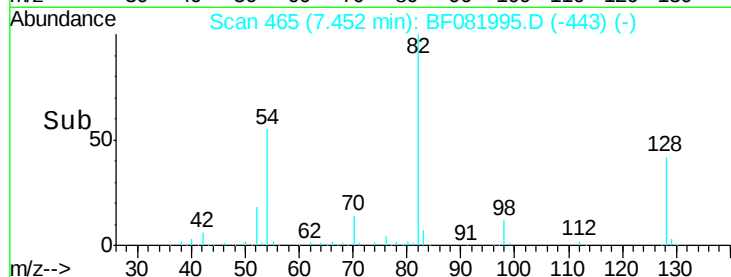
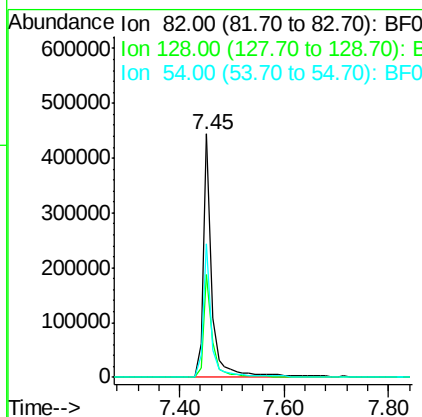
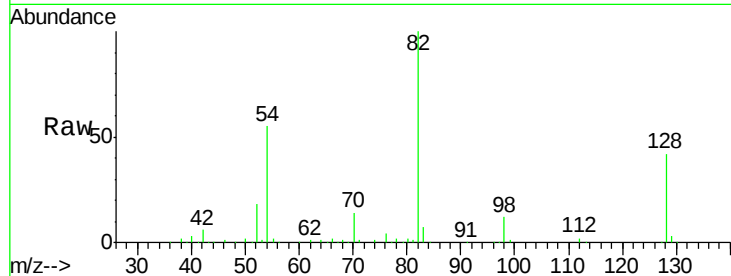




#23
 Nitrobenzene-d5
 Concen: 97.37 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.05 min
 Lab File: BF081995.D
 Acq: 2 Oct 2015 23:05

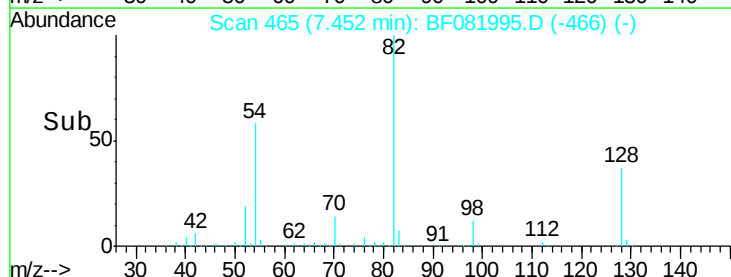
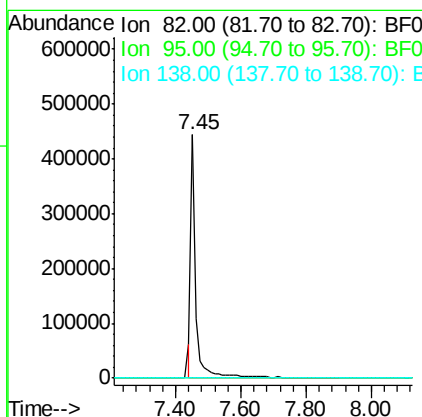
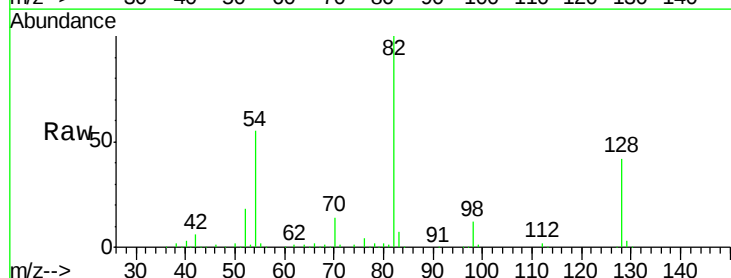
Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(70-72)

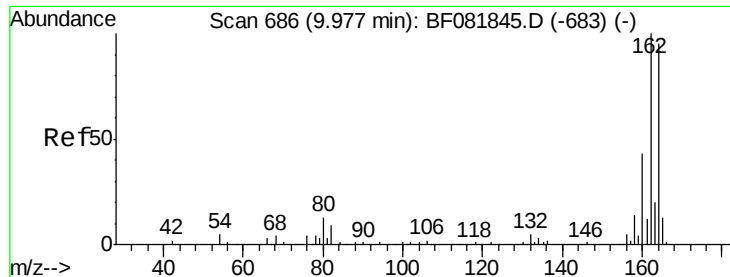
Tgt Ion: 82 Resp: 519624
 Ion Ratio Lower Upper
 82 100
 128 42.0 51.0 76.6#
 54 54.9 47.5 71.3



#25
 Isophorone
 Concen: 44.83 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.31 min
 Lab File: BF081995.D
 Acq: 2 Oct 2015 23:05

Tgt Ion: 82 Resp: 474187
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#

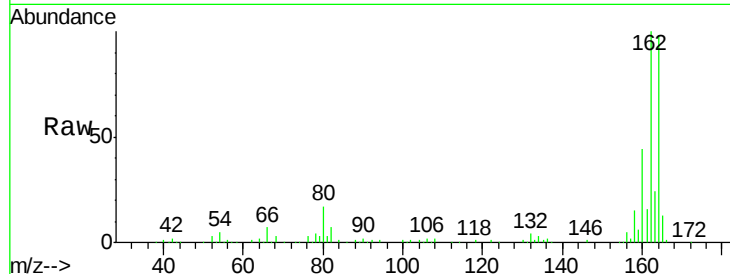




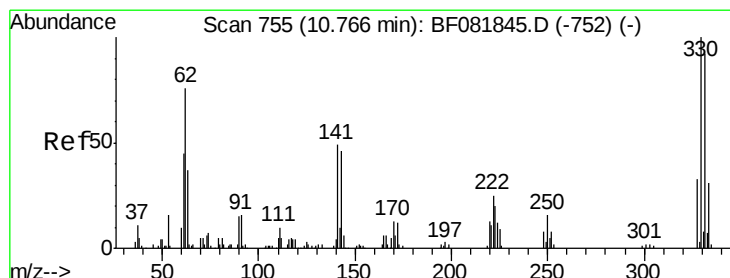
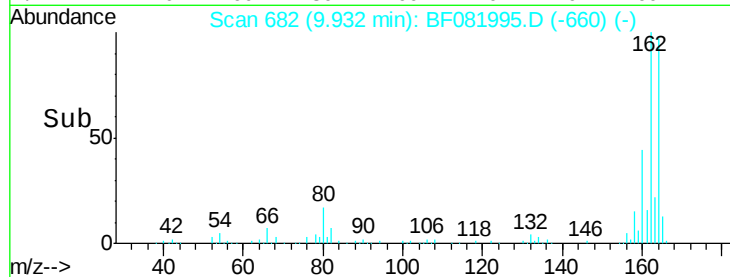
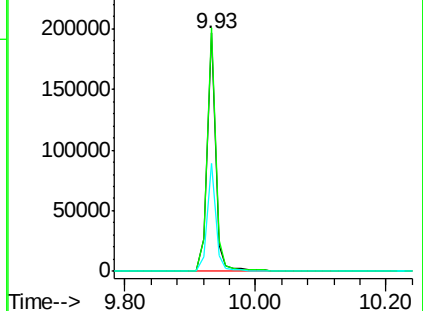
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081995.D
 Acq: 2 Oct 2015 23:05

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(70-72)

Tgt Ion:164 Resp: 178191
 Ion Ratio Lower Upper
 164 100
 162 102.3 75.2 112.8
 160 45.5 31.5 47.3

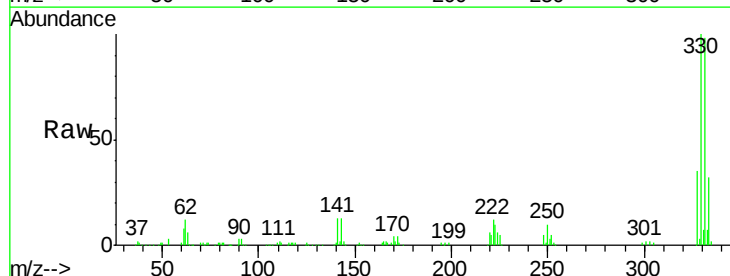


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

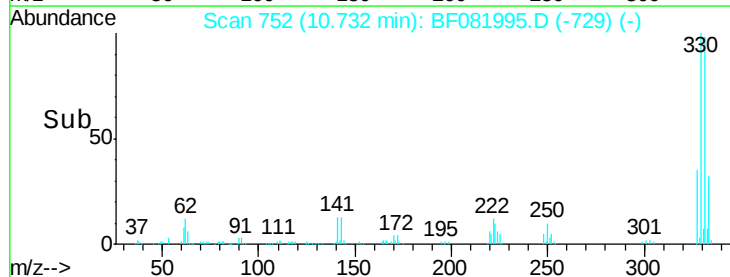
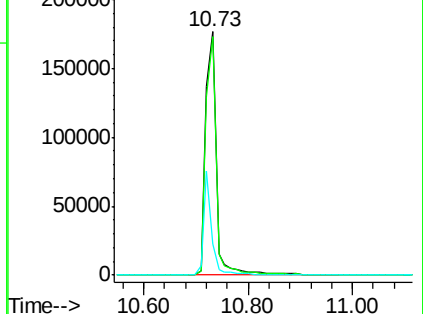


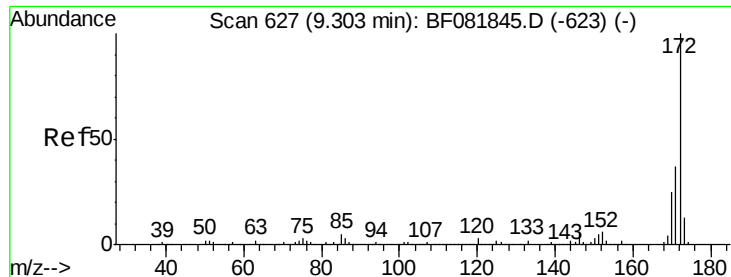
#41
 2,4,6-Tribromophenol
 Concen: 139.52 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081995.D
 Acq: 2 Oct 2015 23:05

Tgt Ion:330 Resp: 251780
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 32.3 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

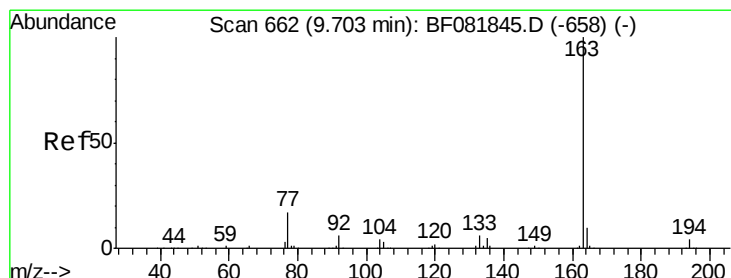
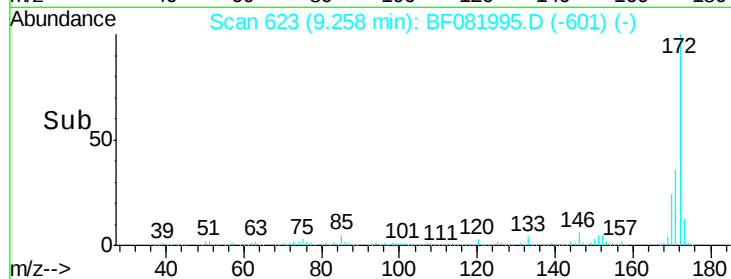
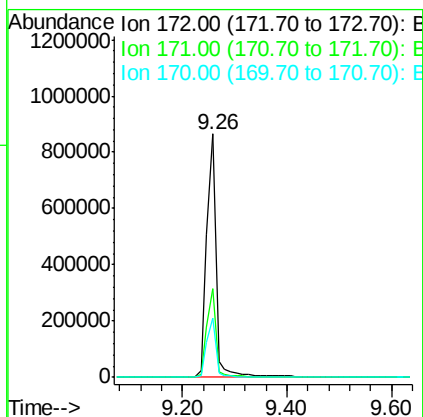
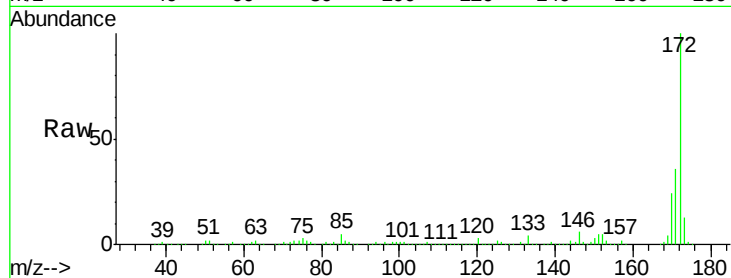




#44
 2-Fluorobiphenyl
 Concen: 108.58 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081995.D
 Acq: 2 Oct 2015 23:05

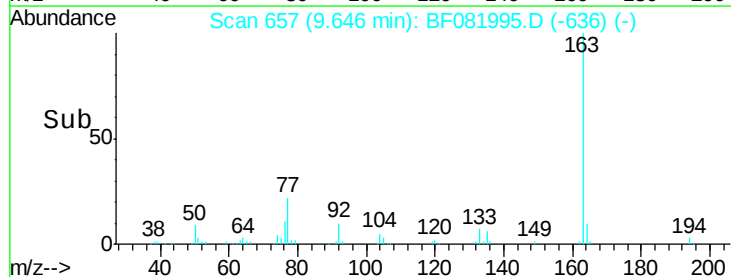
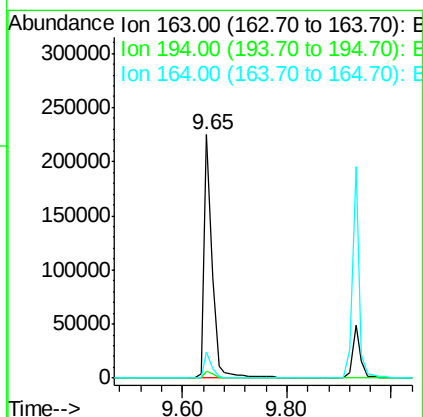
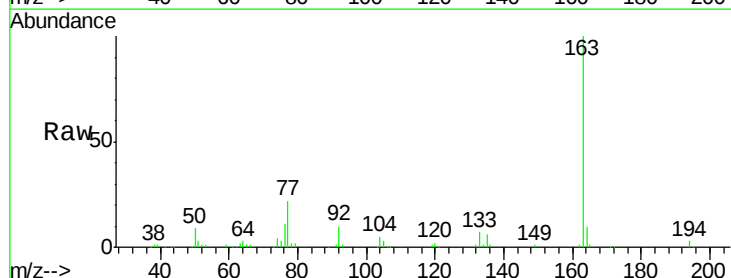
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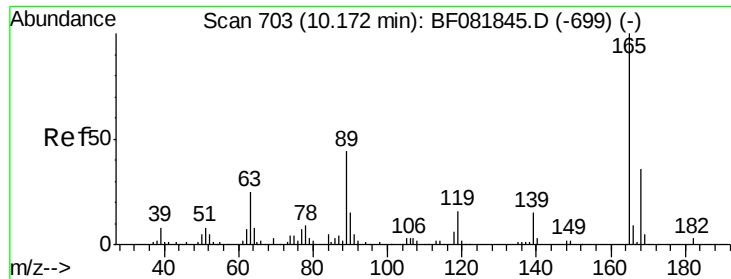
Tgt Ion:172 Resp: 1094770
 Ion Ratio Lower Upper
 172 100
 171 36.3 26.1 39.1
 170 24.3 17.4 26.2



#49
 Dimethylphthalate
 Concen: 20.11 ng
 RT: 9.65 min Scan# 657
 Delta R.T. -0.06 min
 Lab File: BF081995.D
 Acq: 2 Oct 2015 23:05

Tgt Ion:163 Resp: 247335
 Ion Ratio Lower Upper
 163 100
 194 3.0 4.4 6.6#
 164 10.5 8.3 12.5

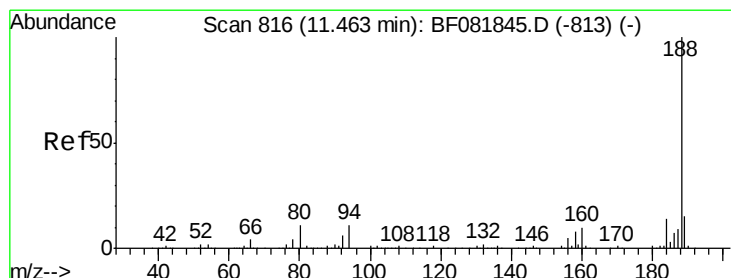
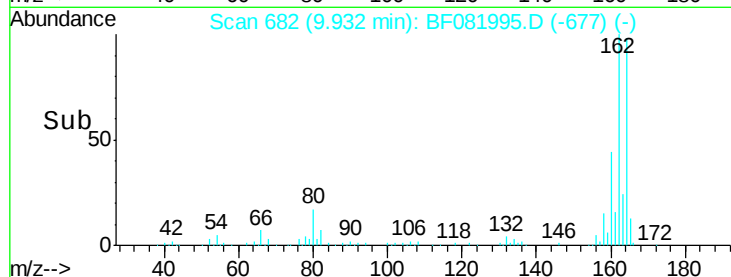
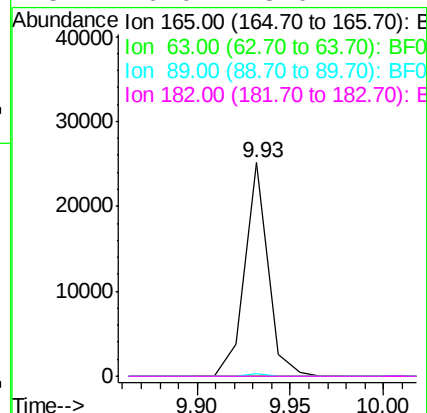
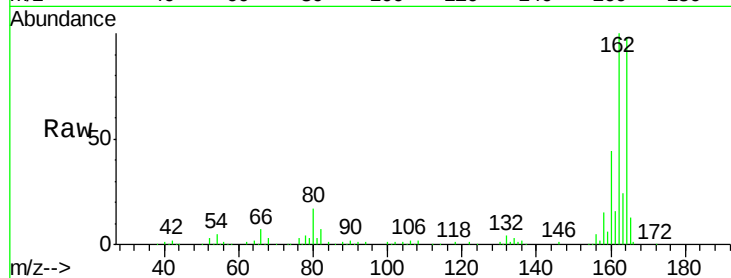




#56
 2,4-Dinitrotoluene
 Concen: 6.45 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.24 min
 Lab File: BF081995.D
 Acq: 2 Oct 2015 23:05

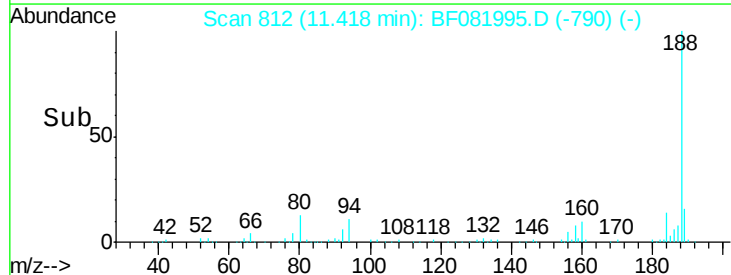
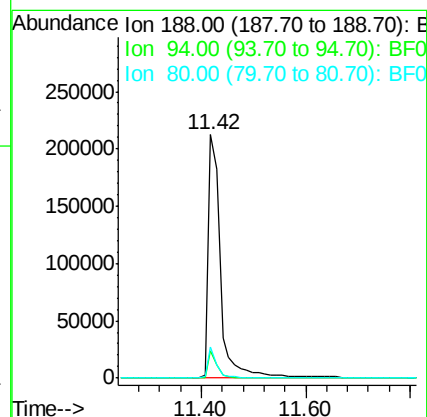
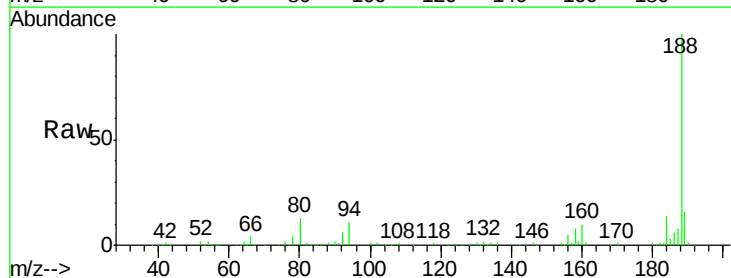
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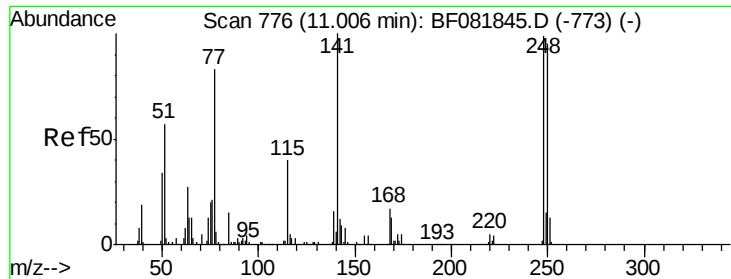
Tgt Ion:	165	Resp:	21942
Ion Ratio	Lower	Upper	
165	100		
63	0.0	29.8	44.6#
89	1.4	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF081995.D
 Acq: 2 Oct 2015 23:05

Tgt Ion:	188	Resp:	350388
Ion Ratio	Lower	Upper	
188	100		
94	11.3	11.1	16.7
80	12.6	11.0	16.4

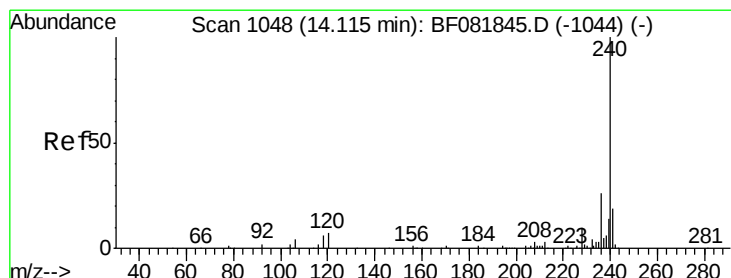
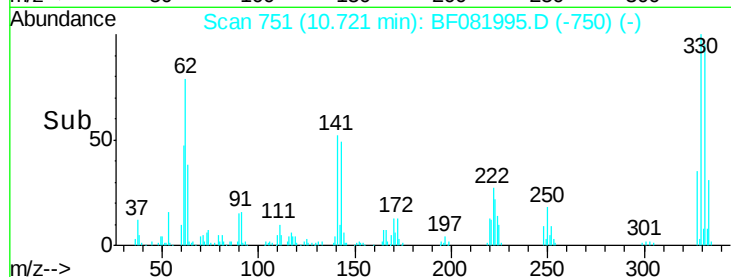
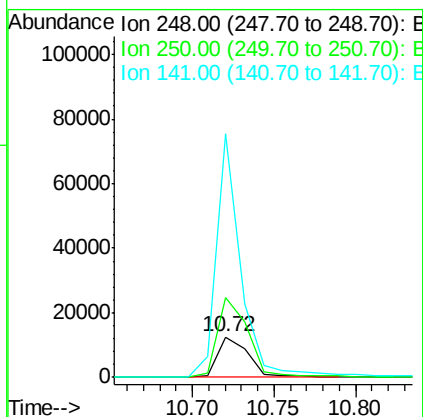
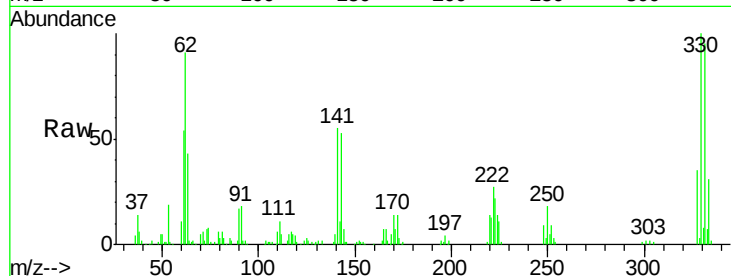




#66
4-Bromophenyl-phenylether
Concen: 4.56 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.29 min
Lab File: BF081995.D
Acq: 2 Oct 2015 23:05

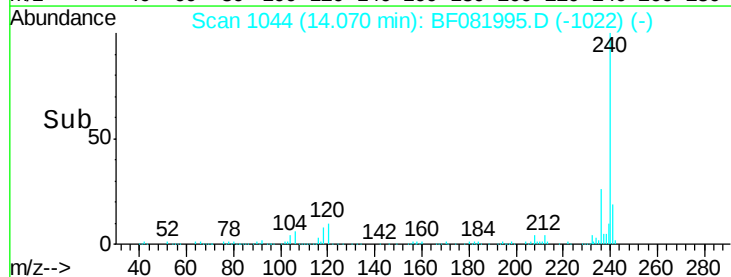
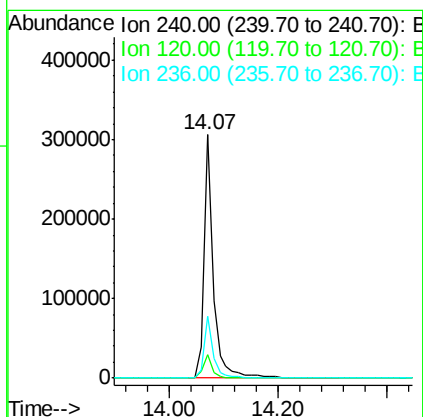
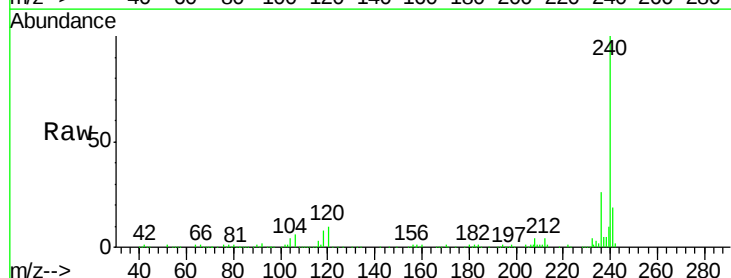
Instrument :
BNA_F
ClientSampleId :
OS-SB-24(70-72)

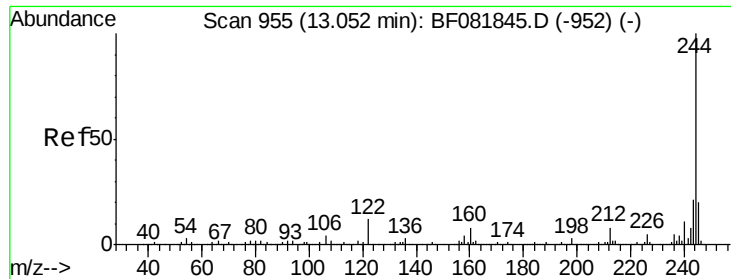
Tgt Ion:248 Resp: 16093
Ion Ratio Lower Upper
248 100
250 199.9 78.5 117.7#
141 607.8 59.0 88.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF081995.D
Acq: 2 Oct 2015 23:05

Tgt Ion:240 Resp: 360434
Ion Ratio Lower Upper
240 100
120 9.5 16.2 24.2#
236 25.6 18.4 27.6

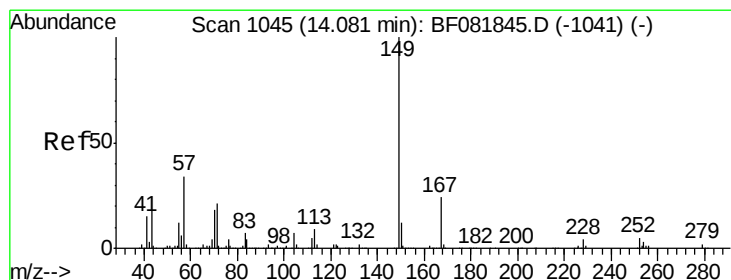
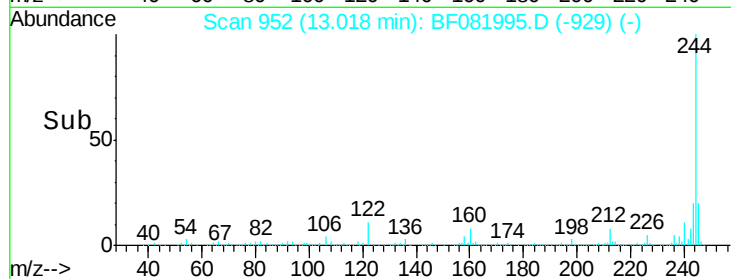
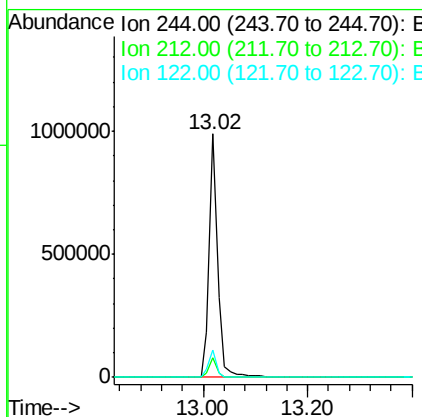
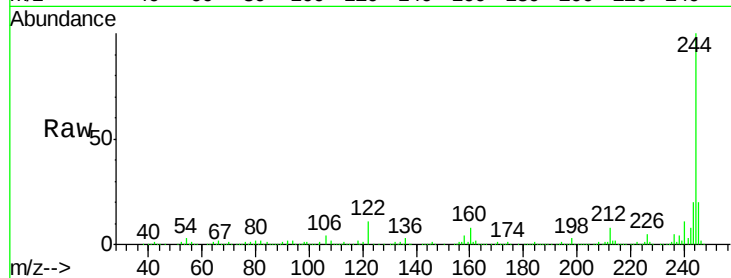




#78
 Terphenyl-d14
 Concen: 108.09 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF081995.D
 Acq: 2 Oct 2015 23:05

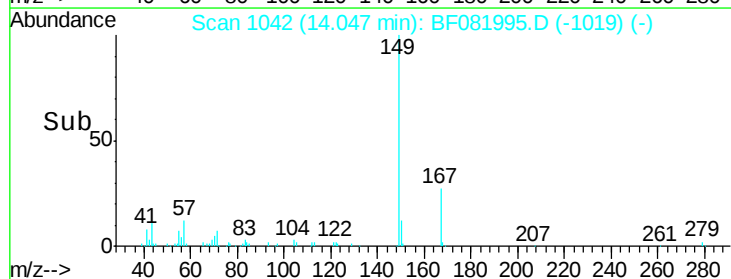
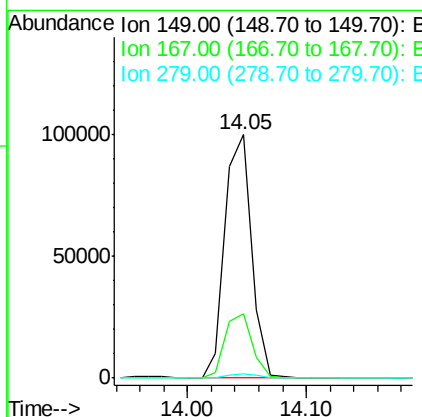
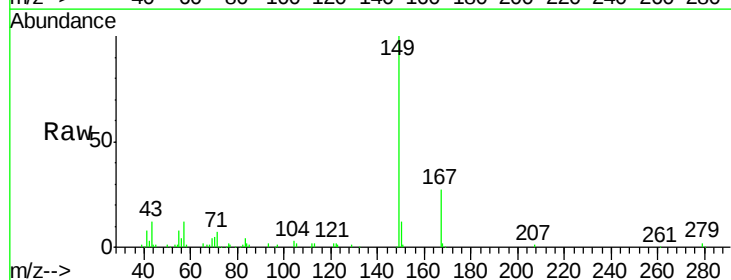
Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(70-72)

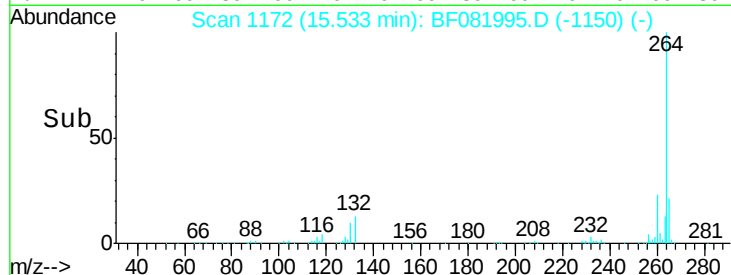
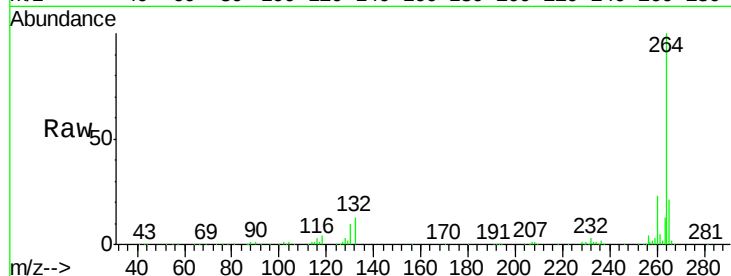
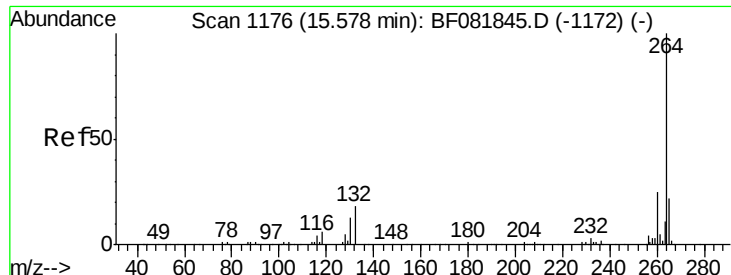
Tgt Ion:244 Resp: 1117495
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 11.3 17.4 26.2#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 15.34 ng
 RT: 14.05 min Scan# 1042
 Delta R.T. -0.03 min
 Lab File: BF081995.D
 Acq: 2 Oct 2015 23:05

Tgt Ion:149 Resp: 155882
 Ion Ratio Lower Upper
 149 100
 167 26.6 24.2 36.2
 279 1.7 3.8 5.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF081995.D
Acq: 2 Oct 2015 23:05

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(70-72)

Tgt Ion:	264	Resp:	258135
Ion	Ratio	Lower	Upper
264	100		
260	23.0	16.7	25.1
265	21.2	17.2	25.8

