

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084095.D
 Acq On : 24 Dec 2015 22:52
 Operator : UM/SJ
 Sample : G4644-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0528

Quant Time: Dec 25 01:47:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	59863	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	226840	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	111951	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	195834	20.00	ng	0.00
75) Chrysene-d12	13.95	240	153350	20.00	ng	-0.01
86) Perylene-d12	15.38	264	120427	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	206263	58.42	ng	0.00
7) Phenol-d6	6.44	99	150200	34.38	ng	-0.01
23) Nitrobenzene-d5	7.37	82	387654	100.03	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	153121	128.26	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	669800	81.86	ng	0.00
78) Terphenyl-d14	12.90	244	663298	78.27	ng	0.00

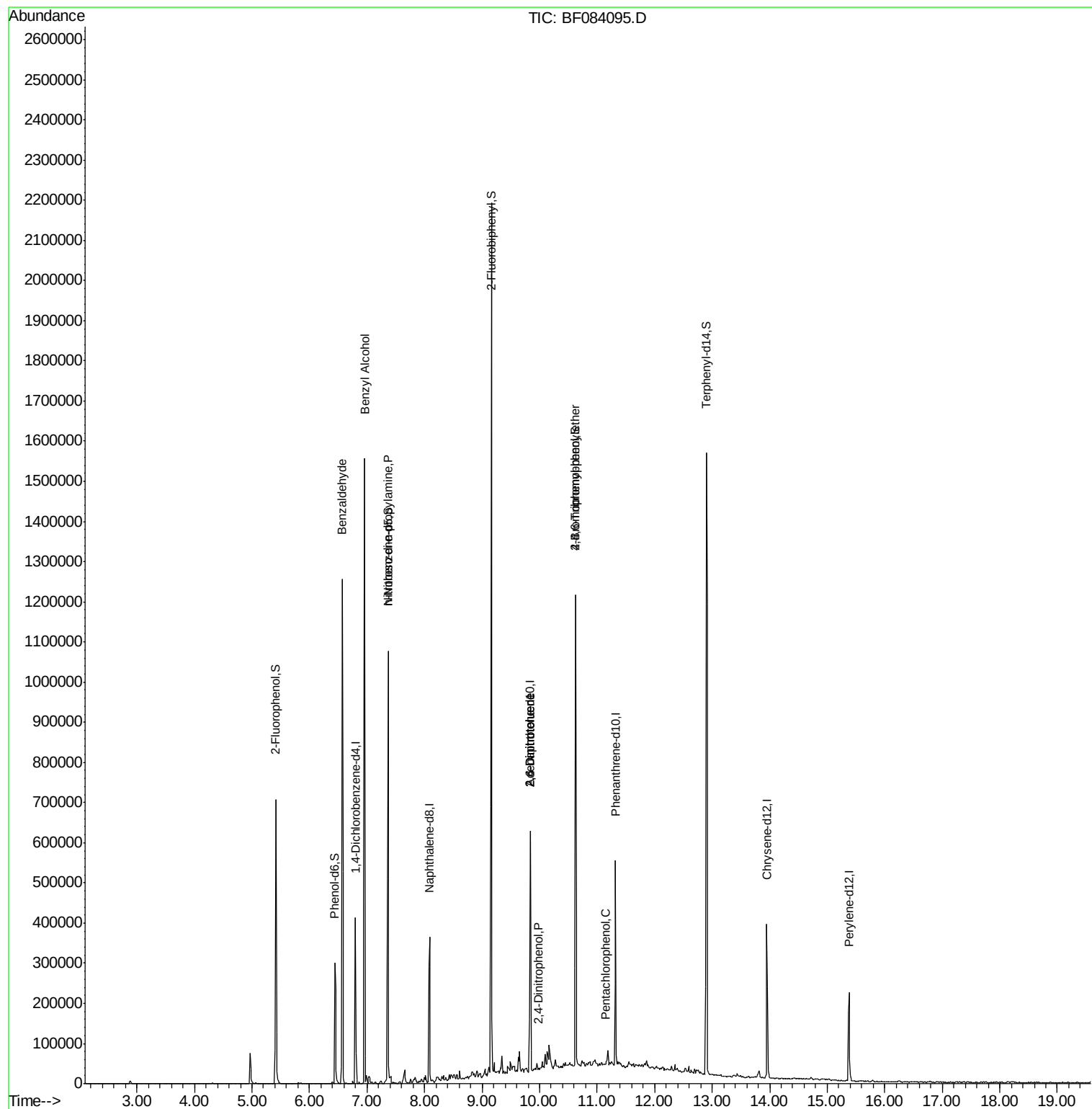
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.57	77	8551	3.66	ng	85
15) Benzyl Alcohol	6.96	79	6963	2.10	ng	# 44
19) n-Nitroso-di-n-propylamine	7.37	70	55134	20.49	ng	# 75
50) 2,6-Dinitrotoluene	9.84	165	14577	7.41	ng	# 37
53) 2,4-Dinitrophenol	9.98	184	342	9.53	ng	# 17
56) 2,4-Dinitrotoluene	9.84	165	14577	5.61	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	10242	4.51	ng	# 1
69) Pentachlorophenol	11.14	266	1056	8.89	ng	91
74) Fluoranthene	12.53	202	5743	Below Cal		96

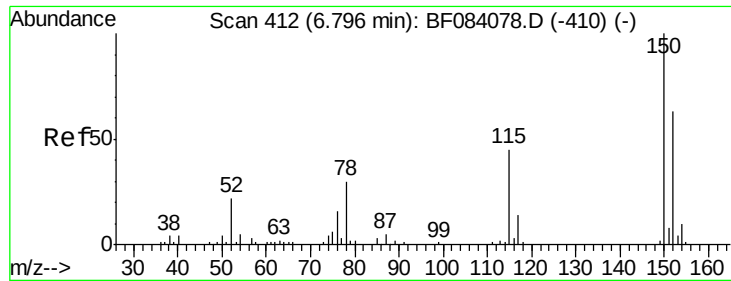
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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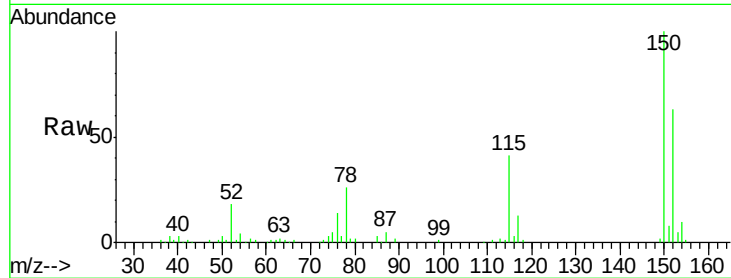


#1

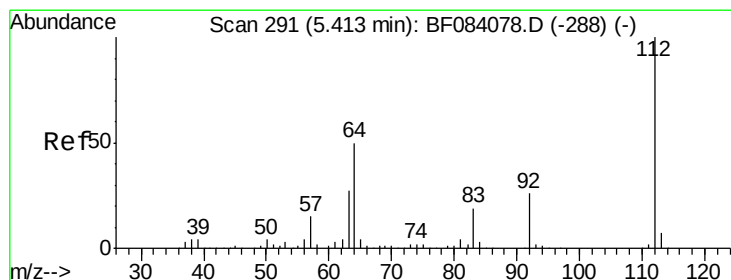
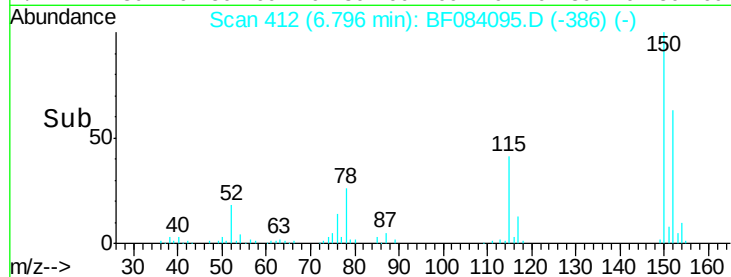
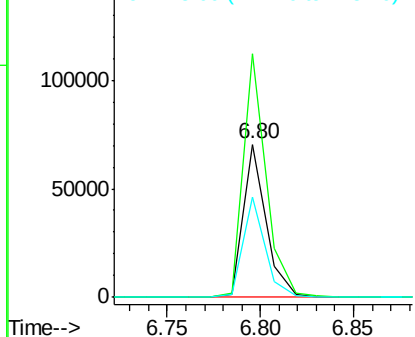
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084095.D
Acq: 24 Dec 2015 22:52

Instrument :
BNA_F
ClientSampled :
S8-0528

Tgt Ion:152 Resp: 59863
Ion Ratio Lower Upper
152 100
150 159.3 123.0 184.4
115 65.3 51.4 77.2



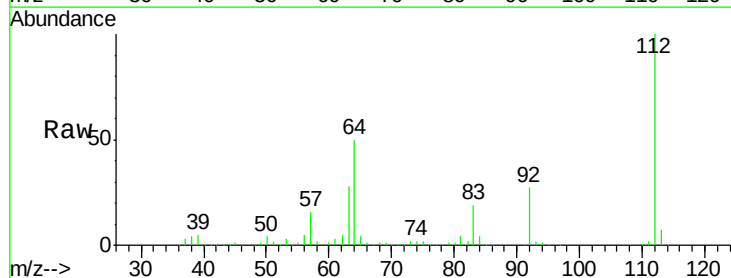
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



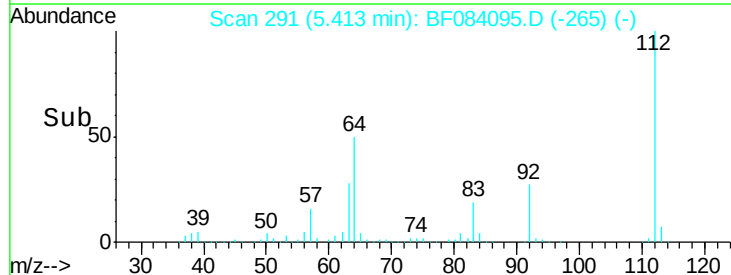
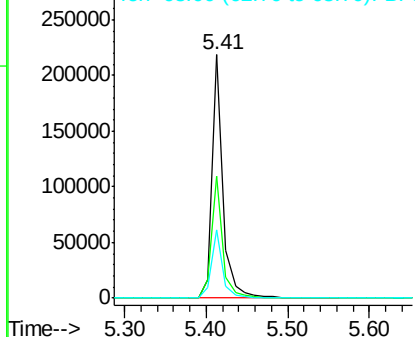
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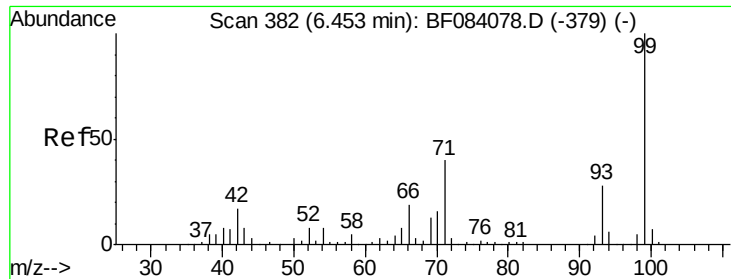
2-Fluorophenol
Concen: 58.42 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF084095.D
Acq: 24 Dec 2015 22:52

Tgt Ion:112 Resp: 206263
Ion Ratio Lower Upper
112 100
64 50.0 36.6 55.0
63 28.0 19.4 29.0



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: 34.38 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084095.D

Acq: 24 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

S8-0528

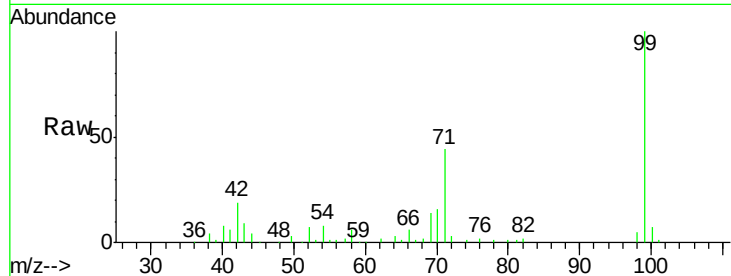
Tgt Ion: 99 Resp: 150200

Ion Ratio Lower Upper

99 100

42 19.2 12.8 19.2#

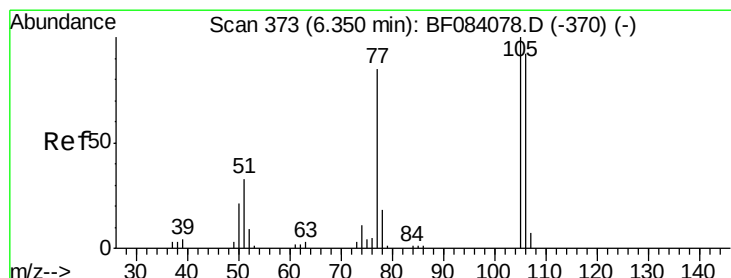
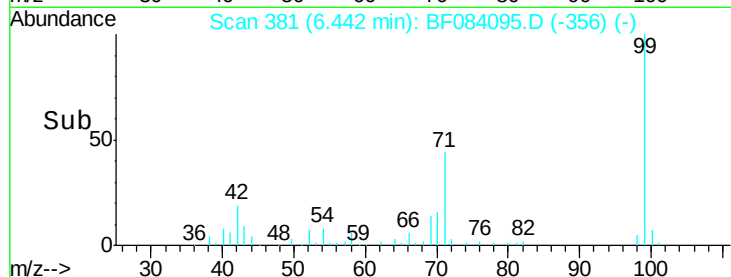
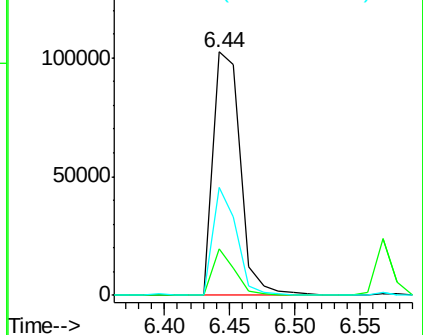
71 44.4 30.9 46.3



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: 3.66 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.22 min

Lab File: BF084095.D

Acq: 24 Dec 2015 22:52

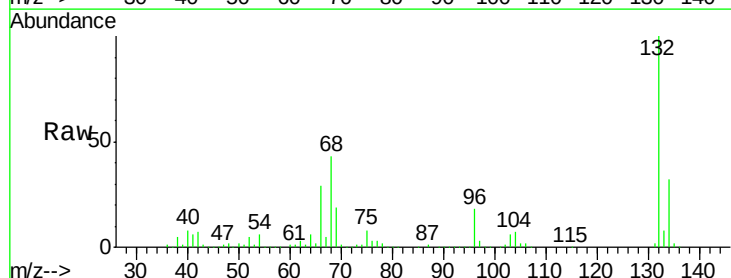
Tgt Ion: 77 Resp: 8551

Ion Ratio Lower Upper

77 100

105 83.3 83.0 123.0

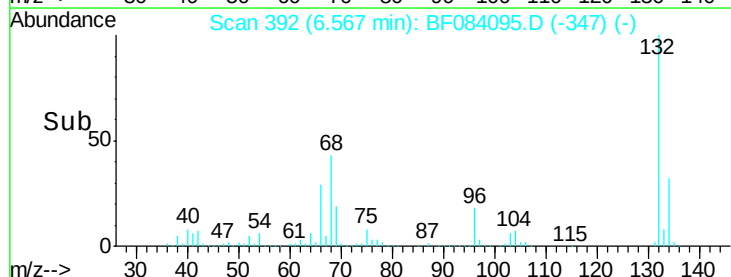
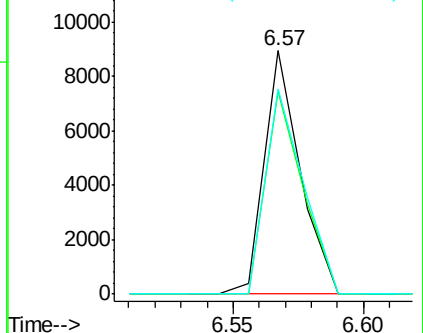
106 84.3 74.6 114.6

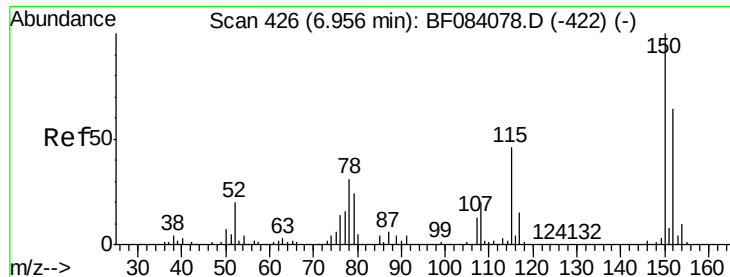


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

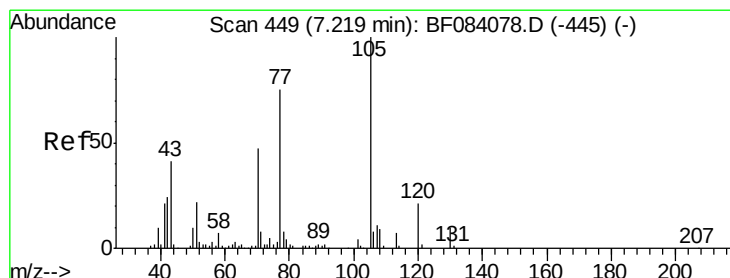
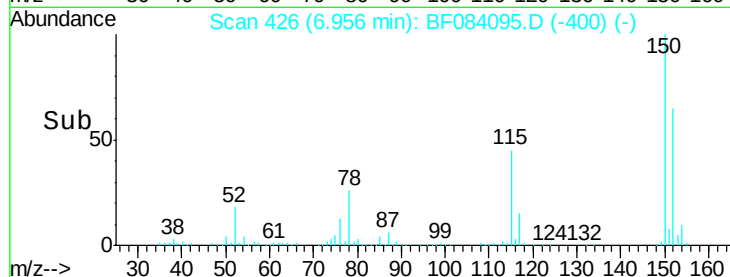
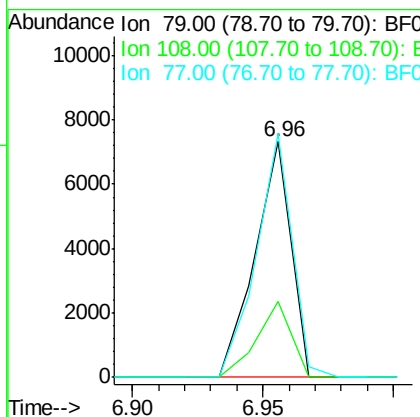
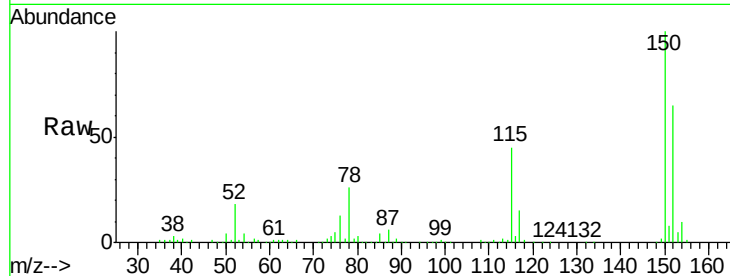




#15
Benzyl Alcohol
Concen: 2.10 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF084095.D
Acq: 24 Dec 2015 22:52

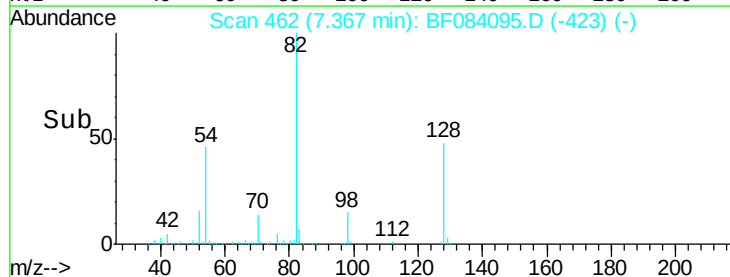
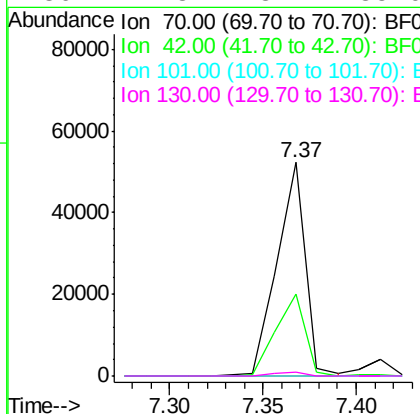
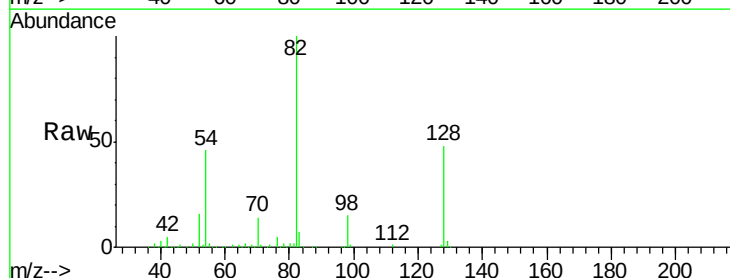
Instrument :
BNA_F
ClientSampleId :
S8-0528

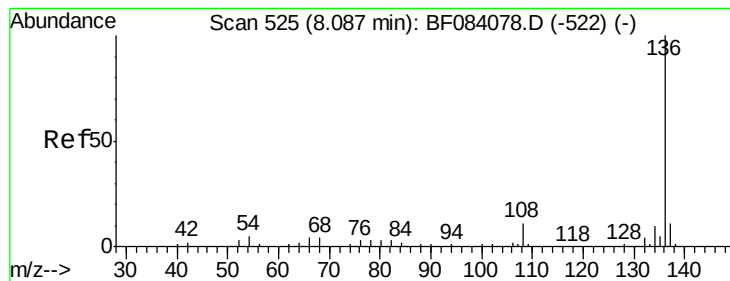
Tgt Ion: 79 Resp: 6963
Ion Ratio Lower Upper
79 100
108 32.4 69.0 103.4#
77 103.4 50.0 75.0#



#19
n-Nitroso-di-n-propylamine
Concen: 20.49 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.15 min
Lab File: BF084095.D
Acq: 24 Dec 2015 22:52

Tgt Ion: 70 Resp: 55134
Ion Ratio Lower Upper
70 100
42 38.3 33.3 49.9
101 0.0 9.3 13.9#
130 1.8 23.4 35.0#

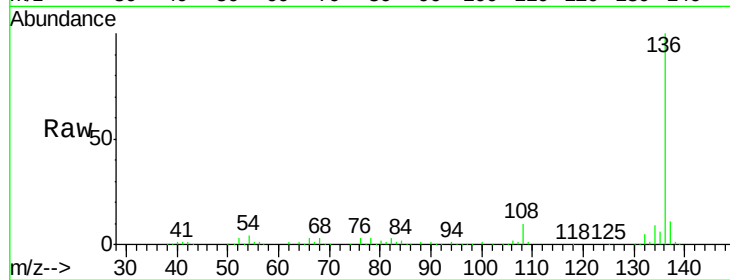




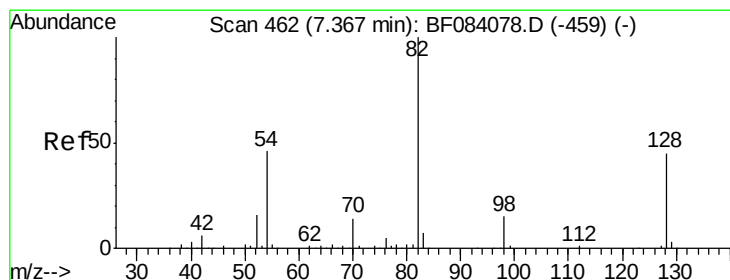
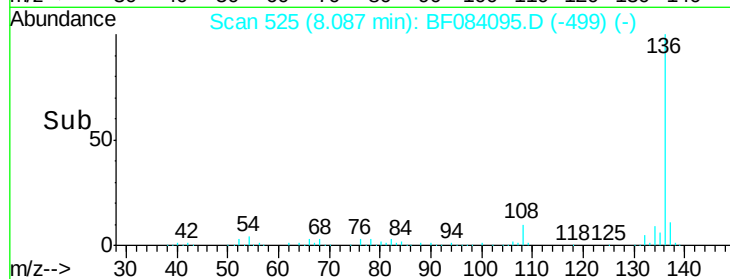
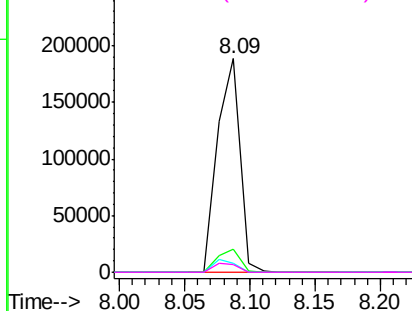
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084095.D
Acq: 24 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
S8-0528

Tgt Ion:	136	Resp:	226840
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	4.3	5.8	8.8#
68	3.5	4.2	6.2#

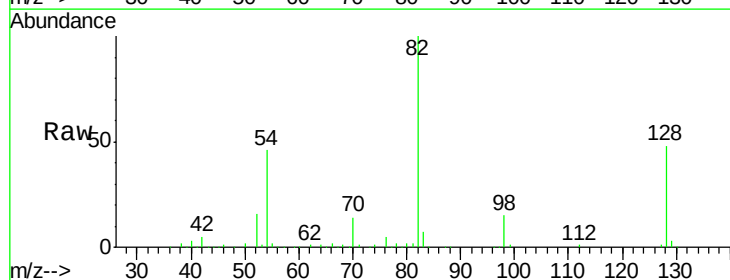


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

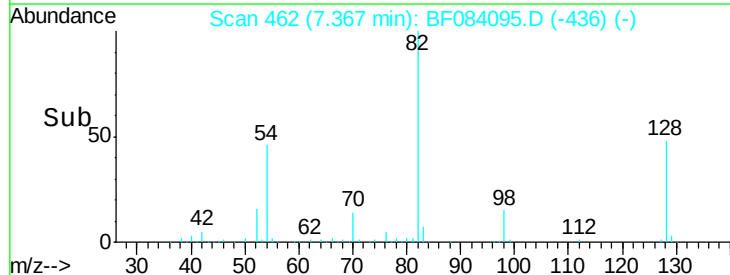
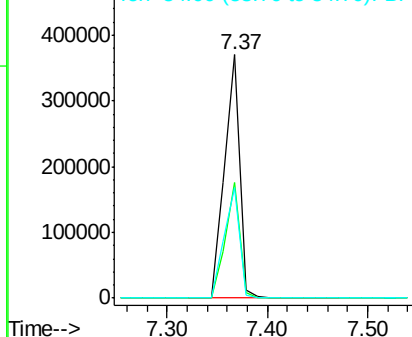


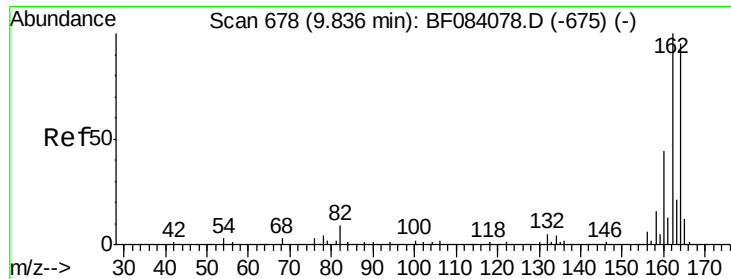
#23
Nitrobenzene-d5
Concen: 100.03 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF084095.D
Acq: 24 Dec 2015 22:52

Tgt Ion:	82	Resp:	387654
Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.6	51.8
54	45.6	38.4	57.6



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

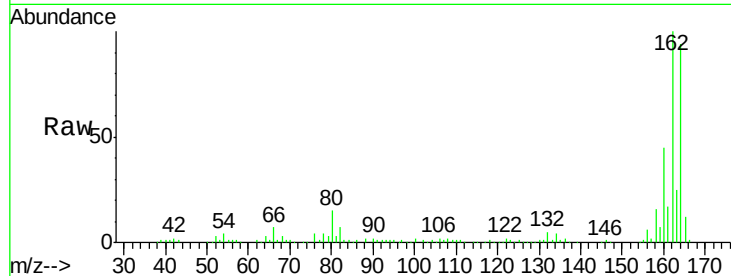




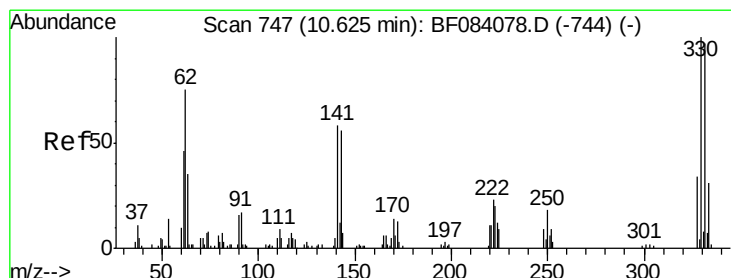
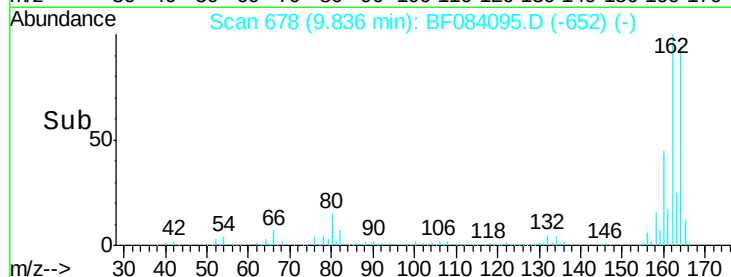
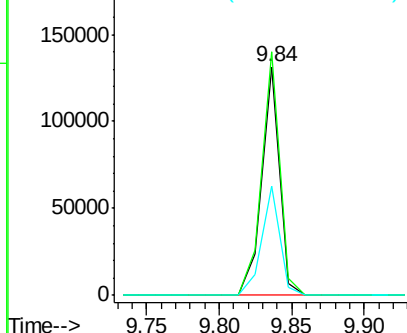
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084095.D
 Acq: 24 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 S8-0528

Tgt Ion:164 Resp: 111951
 Ion Ratio Lower Upper
 164 100
 162 106.6 85.1 127.7
 160 48.0 37.5 56.3

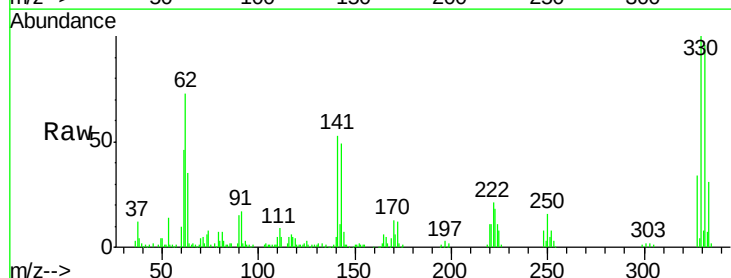


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

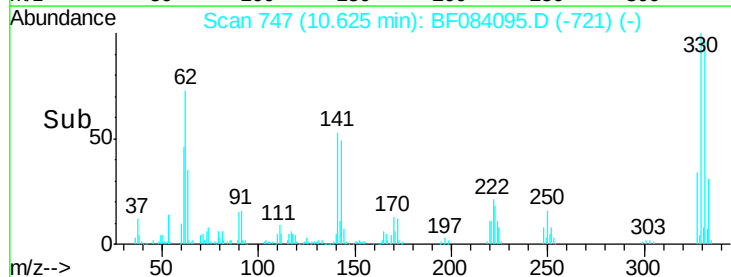
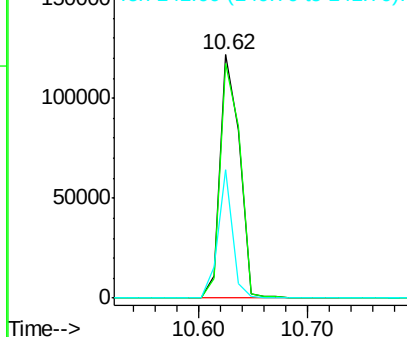


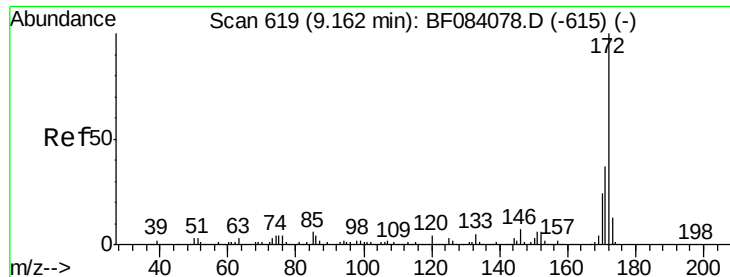
#41
 2,4,6-Tribromophenol
 Concen: 128.26 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084095.D
 Acq: 24 Dec 2015 22:52

Tgt Ion:330 Resp: 153121
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 40.3 27.8 41.6



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

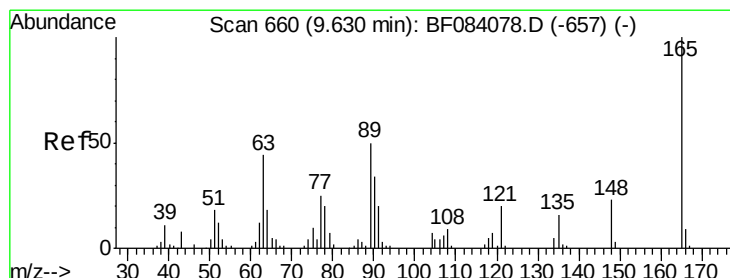
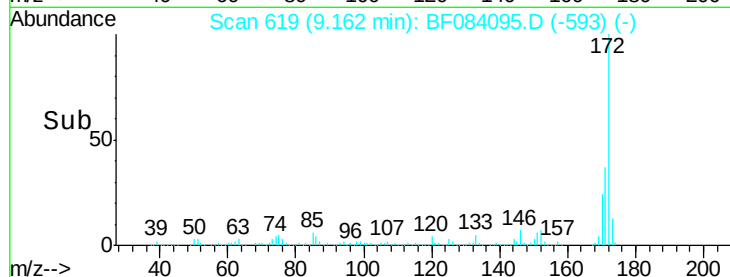
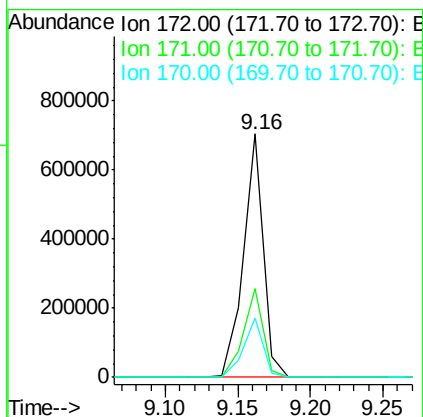
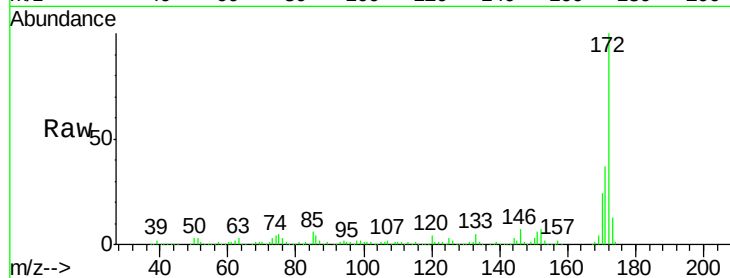




#44
 2-Fluorobiphenyl
 Concen: 81.86 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084095.D
 Acq: 24 Dec 2015 22:52

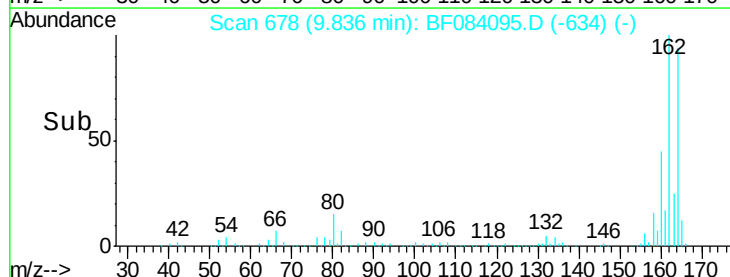
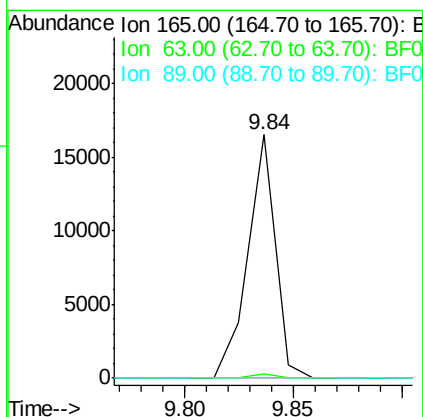
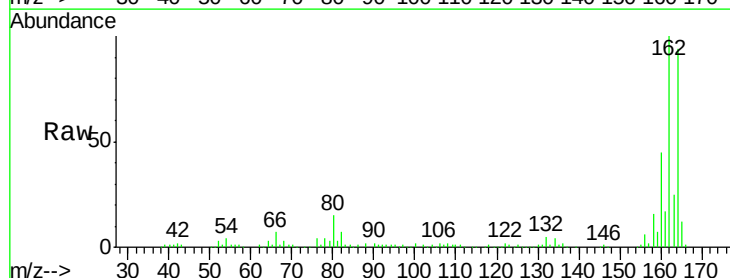
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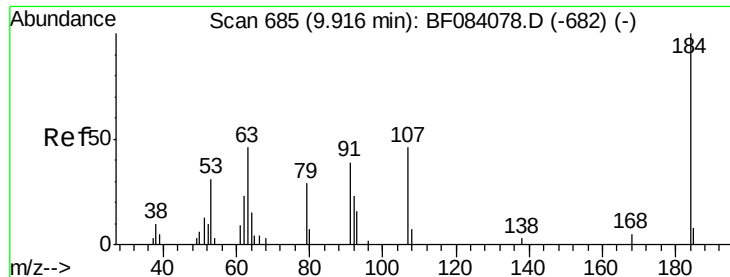
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.2	18.6	27.8



#50
 2,6-Dinitrotoluene
 Concen: 7.41 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.21 min
 Lab File: BF084095.D
 Acq: 24 Dec 2015 22:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	28.8	43.2#
89	0.0	35.1	52.7#

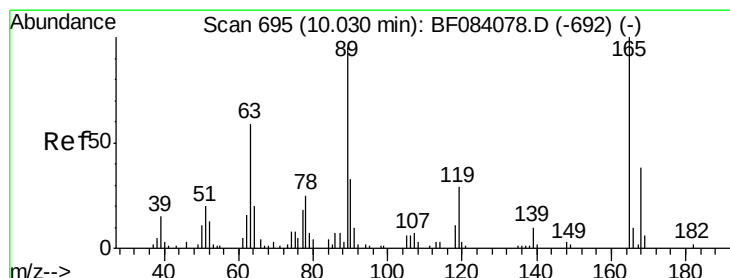
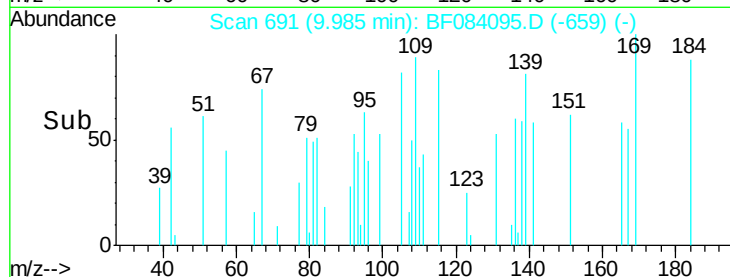
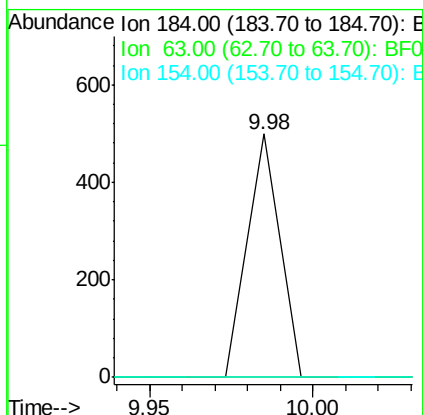
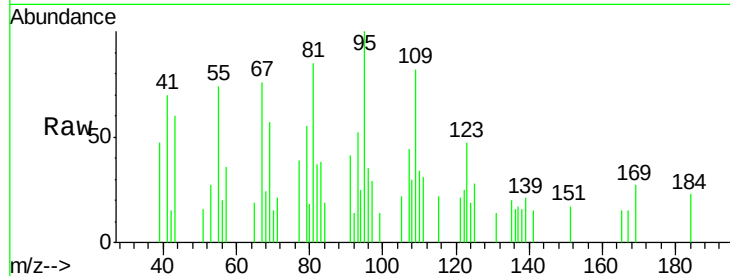




#53
2,4-Dinitrophenol
Concen: 9.53 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.07 min
Lab File: BF084095.D
Acq: 24 Dec 2015 22:52

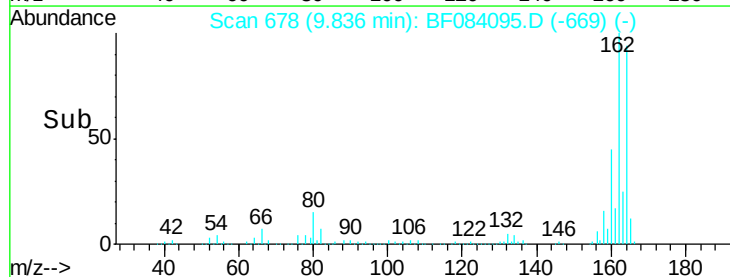
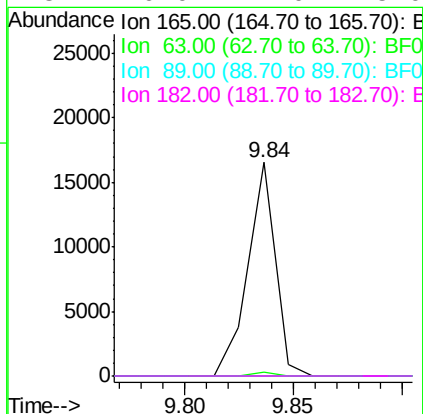
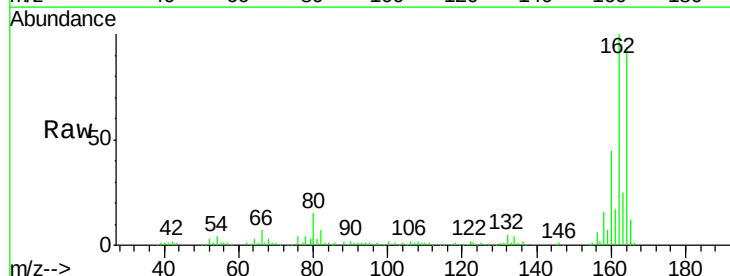
Instrument :
BNA_F
ClientSampled :
S8-0528

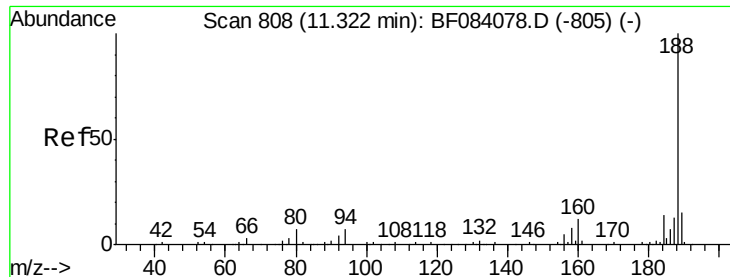
Tgt Ion:184 Resp: 342
Ion Ratio Lower Upper
184 100
63 0.0 43.1 64.7#
154 0.0 60.5 90.7#



#56
2,4-Dinitrotoluene
Concen: 5.61 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.19 min
Lab File: BF084095.D
Acq: 24 Dec 2015 22:52

Tgt Ion:165 Resp: 14577
Ion Ratio Lower Upper
165 100
63 1.9 36.7 55.1#
89 0.0 61.9 92.9#
182 0.0 2.0 3.0#

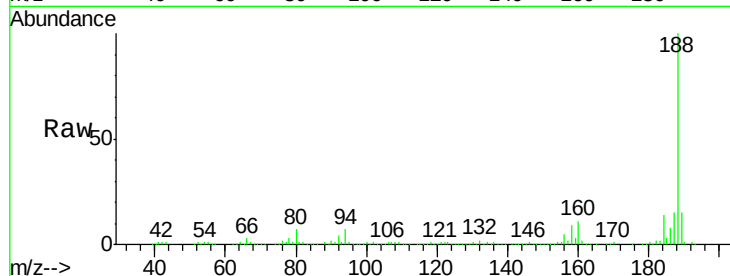




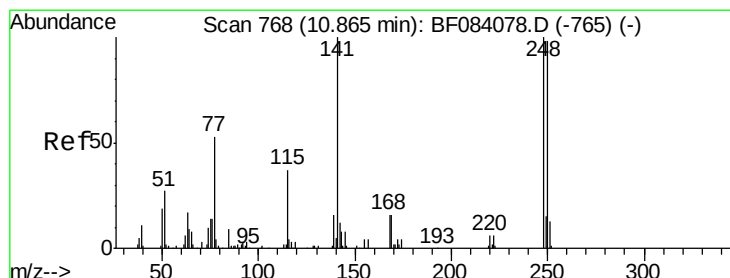
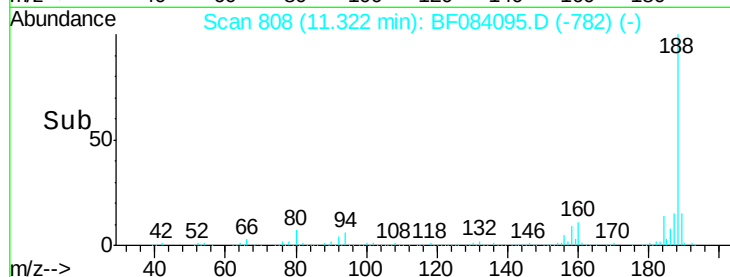
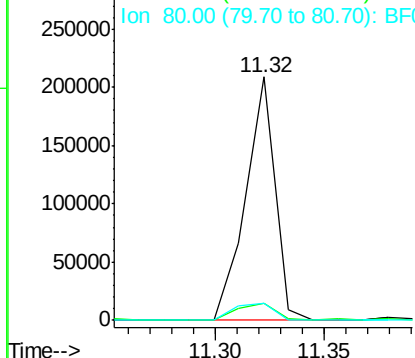
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084095.D
 Acq: 24 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 S8-0528

Tgt Ion:188 Resp: 195834
 Ion Ratio Lower Upper
 188 100
 94 6.8 9.0 13.4#
 80 6.9 9.6 14.4#

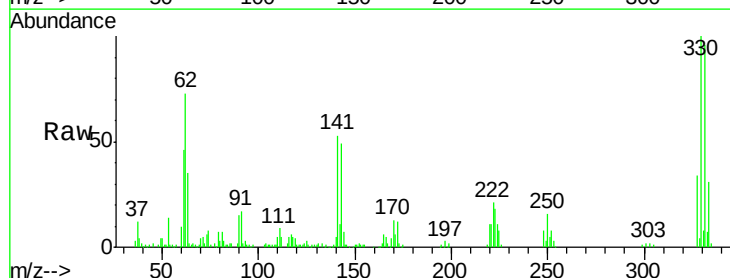


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

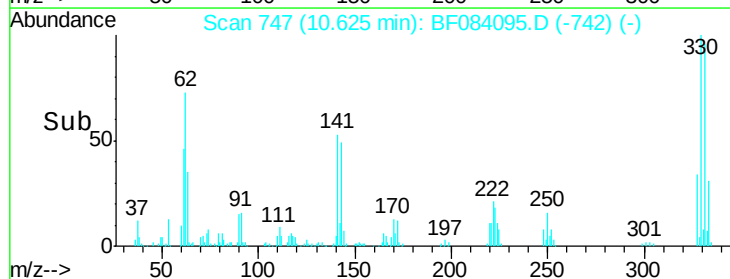
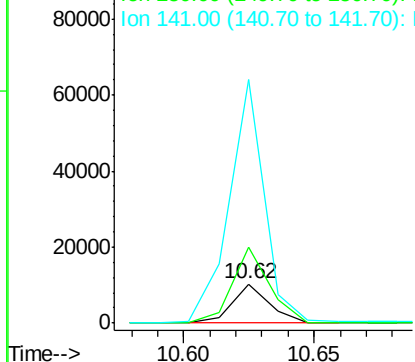


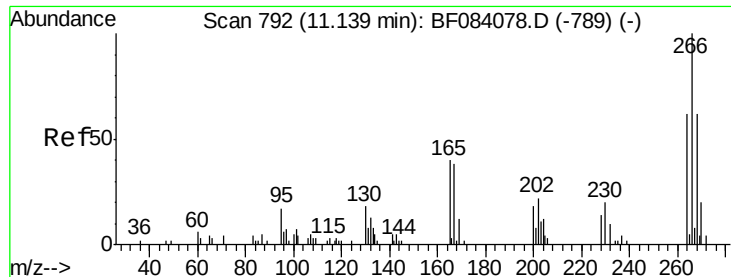
#66
 4-Bromophenyl-phenylether
 Concen: 4.51 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF084095.D
 Acq: 24 Dec 2015 22:52

Tgt Ion:248 Resp: 10242
 Ion Ratio Lower Upper
 248 100
 250 191.7 78.4 117.6#
 141 618.6 44.0 66.0#



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

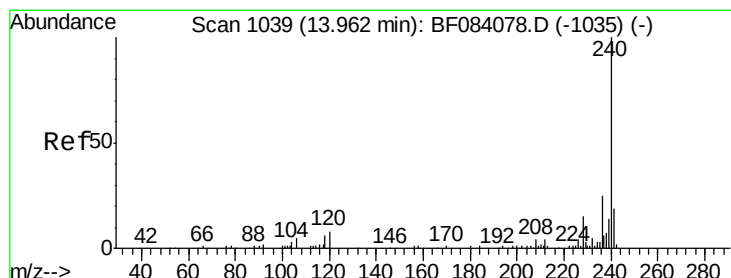
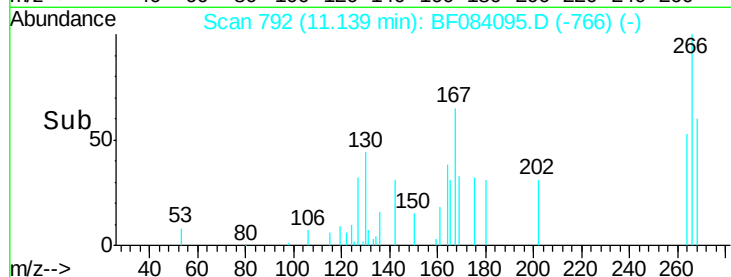
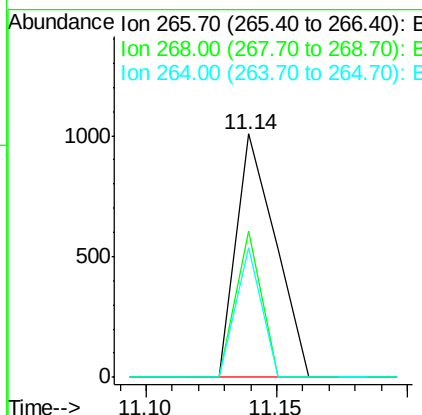
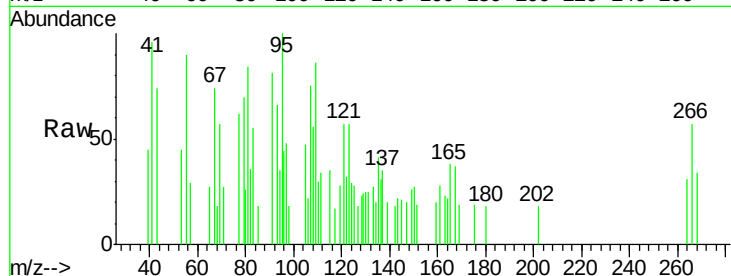




#69
 Pentachlorophenol
 Concen: 8.89 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084095.D
 Acq: 24 Dec 2015 22:52

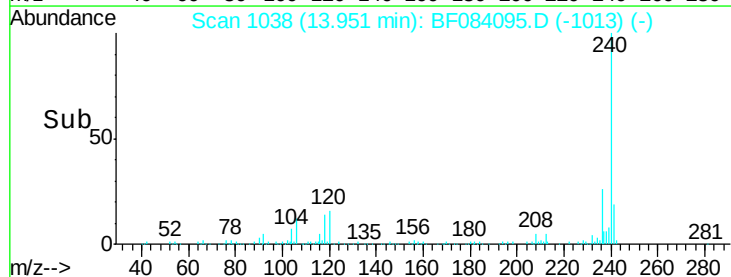
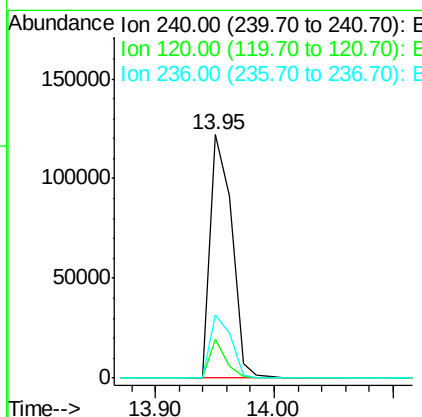
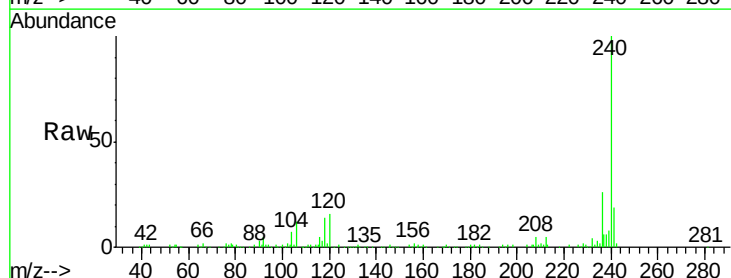
Instrument :
 BNA_F
 ClientSampleId :
 S8-0528

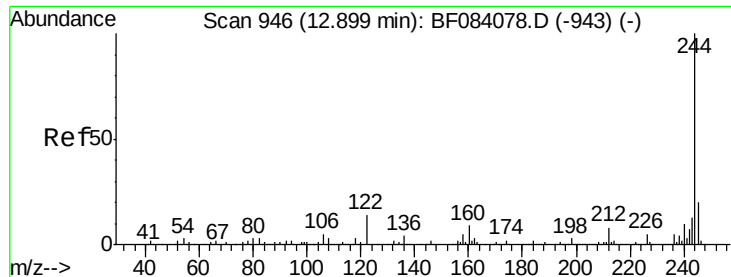
Tgt Ion:266 Resp: 1056
 Ion Ratio Lower Upper
 266 100
 268 60.1 52.4 78.6
 264 53.3 50.2 75.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084095.D
 Acq: 24 Dec 2015 22:52

Tgt Ion:240 Resp: 153350
 Ion Ratio Lower Upper
 240 100
 120 16.2 9.5 14.3#
 236 25.7 20.6 31.0

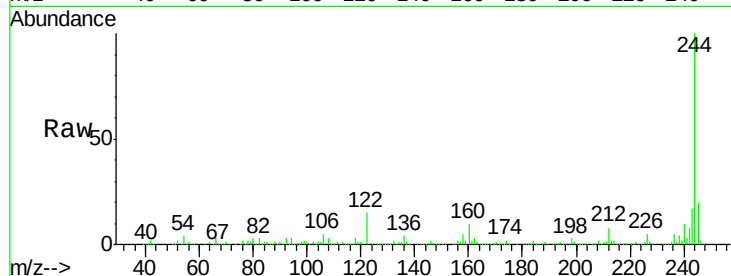




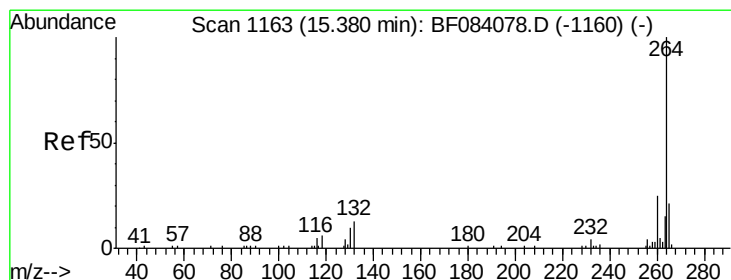
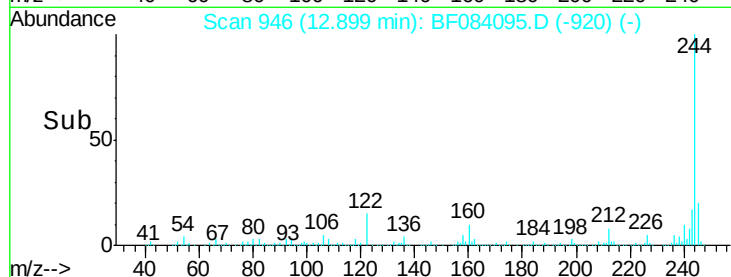
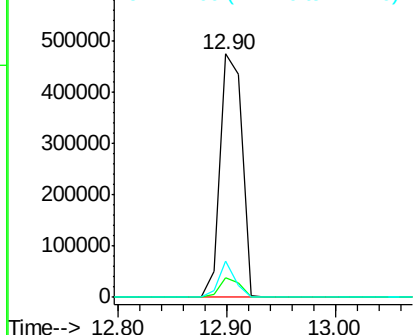
#78
 Terphenyl-d14
 Concen: 78.27 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084095.D
 Acq: 24 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 S8-0528

Tgt Ion:244 Resp: 663298
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 14.7 7.4 11.0#

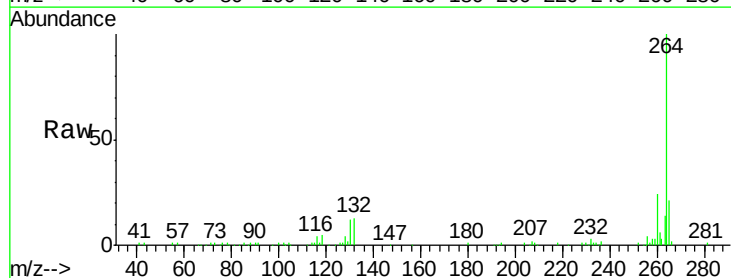


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084095.D
 Acq: 24 Dec 2015 22:52

Tgt Ion:264 Resp: 120427
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.0 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

