

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
 Data File : BF083571.D
 Acq On : 7 Dec 2015 22:28
 Operator : UM/IZ
 Sample : G4579-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4(12-24)

Quant Time: Dec 08 01:19:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

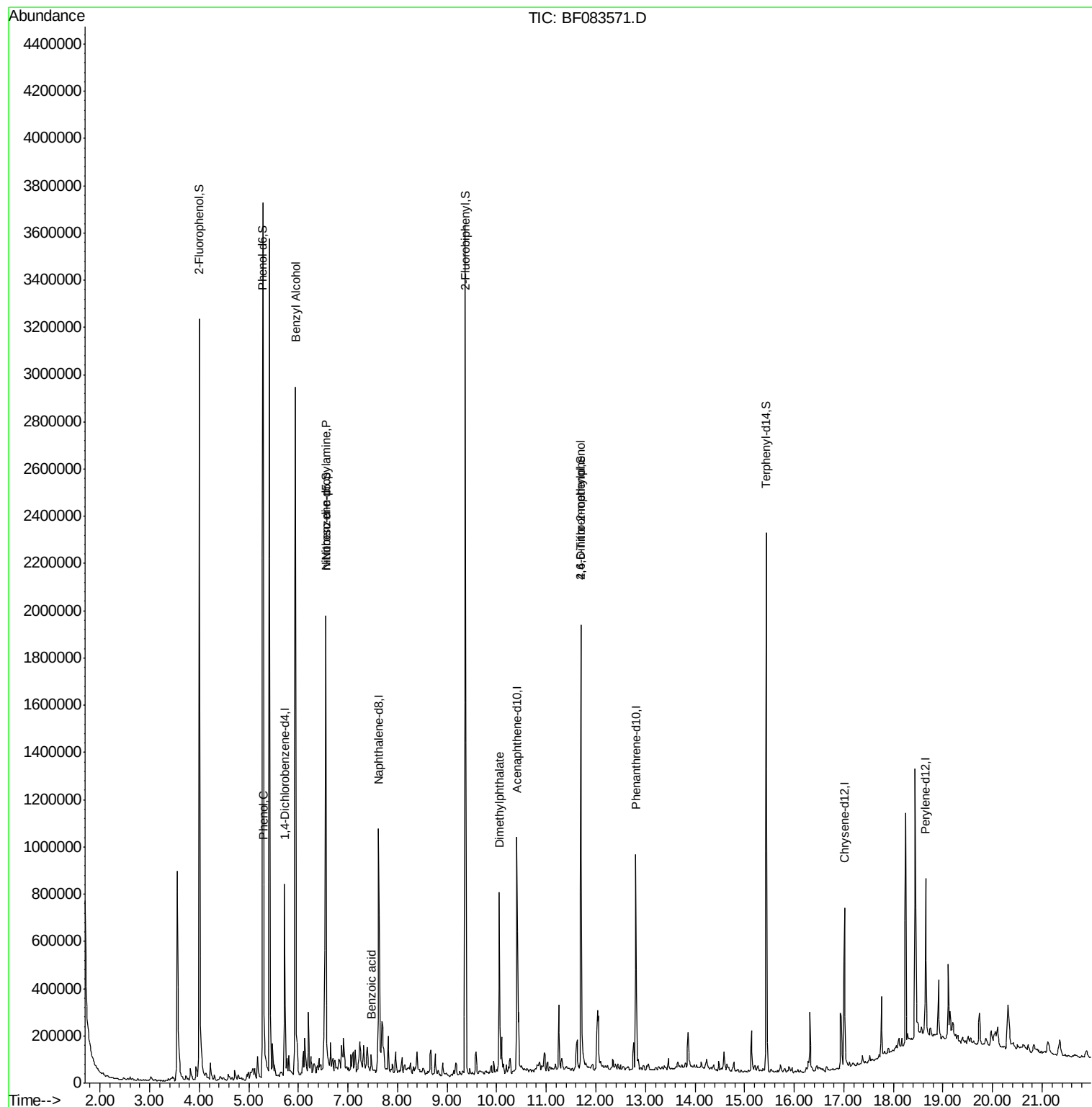
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	157480	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	594752	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	275710	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	438952	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	342330	20.00	ng	-0.03
86) Perylene-d12	18.65	264	316092	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.00	112	1271513	122.49	ng	-0.03
7) Phenol-d6	5.29	99	1748777	122.28	ng	-0.03
23) Nitrobenzene-d5	6.56	82	1136485	89.32	ng	-0.05
41) 2,4,6-Tribromophenol	11.70	330	293883	115.55	ng	-0.06
44) 2-Fluorobiphenyl	9.37	172	1563733	76.93	ng	-0.06
78) Terphenyl-d14	15.44	244	1075248	69.89	ng	-0.05
Target Compounds						
10) Phenol	5.30	94	34273	2.05	ng	# 73
15) Benzyl Alcohol	5.94	79	20119	2.03	ng	# 48
19) n-Nitroso-di-n-propylamine	6.56	70	149156	15.63	ng	# 78
32) Benzoic acid	7.48	122	241	2.69	ng	# 1
49) Dimethylphthalate	10.05	163	402091	18.53	ng	98
64) 4,6-Dinitro-2-methylphenol	11.70	198	651	3.69	ng	# 1

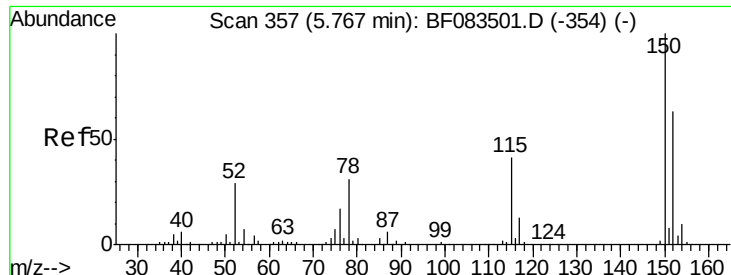
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP4(12-24)

Quant Time: Dec 08 01:19:08 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.72 min Scan# 353

Delta R.T. -0.05 min

Lab File: BF083571.D

Acq: 7 Dec 2015 22:28

Instrument :

BNA_F

ClientSampleId :

TP4(12-24)

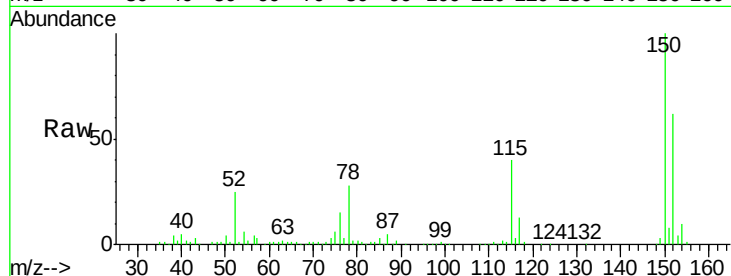
Tgt Ion:152 Resp: 157480

Ion Ratio Lower Upper

152 100

150 160.4 126.5 189.7

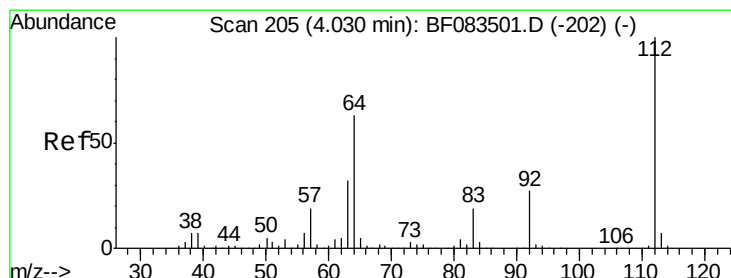
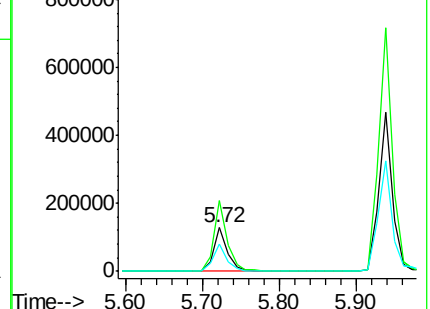
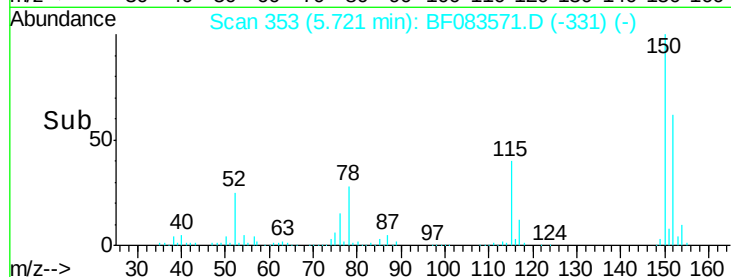
115 63.6 52.3 78.5



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: 122.49 ng

RT: 4.00 min Scan# 202

Delta R.T. -0.03 min

Lab File: BF083571.D

Acq: 7 Dec 2015 22:28

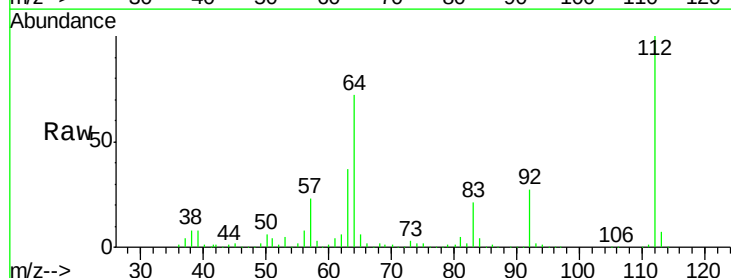
Tgt Ion:112 Resp: 1271513

Ion Ratio Lower Upper

112 100

64 71.9 50.5 75.7

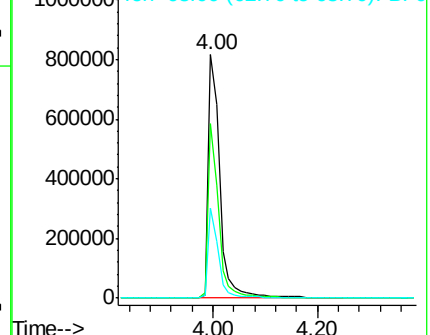
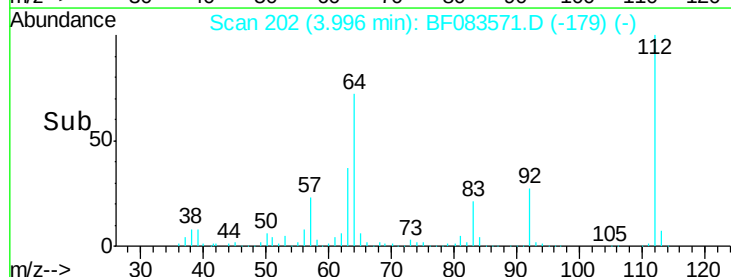
63 37.0 25.8 38.6

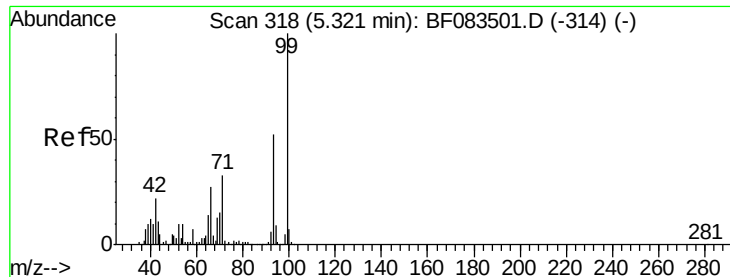


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.28 ng

RT: 5.29 min Scan# 315

Delta R.T. -0.03 min

Lab File: BF083571.D

Acq: 7 Dec 2015 22:28

Instrument :

BNA_F

ClientSampleId :

TP4(12-24)

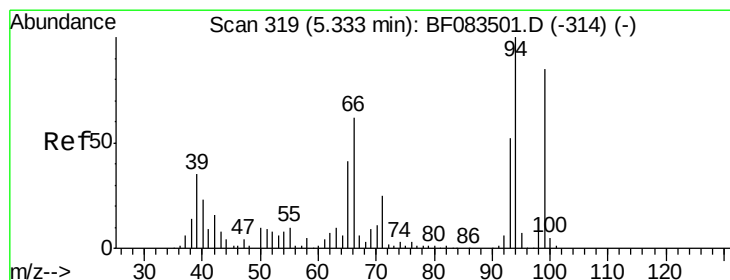
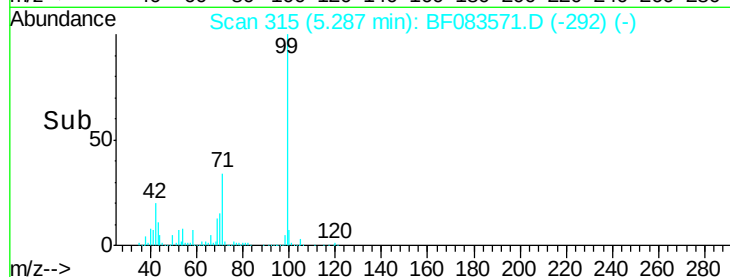
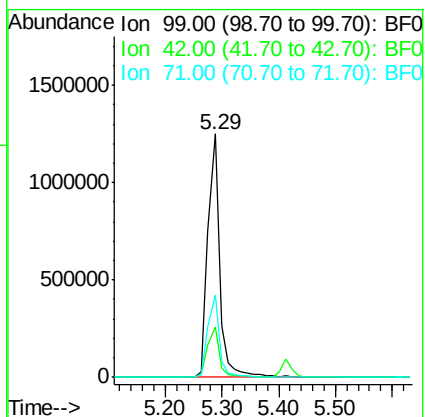
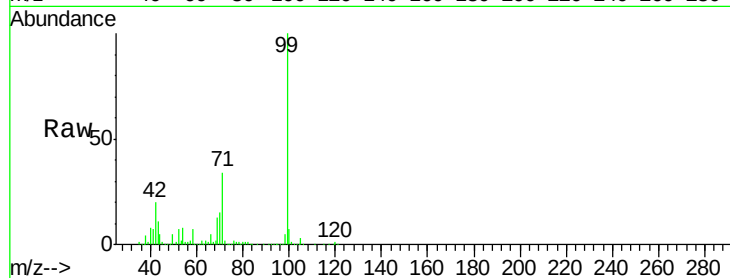
Tgt Ion: 99 Resp: 1748777

Ion Ratio Lower Upper

99 100

42 20.4 17.3 25.9

71 33.9 26.6 40.0



#10

Phenol

Concen: 2.05 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.03 min

Lab File: BF083571.D

Acq: 7 Dec 2015 22:28

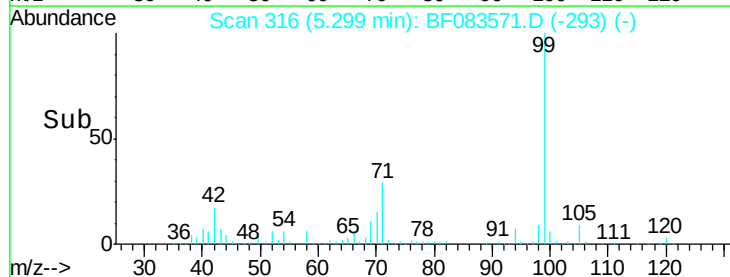
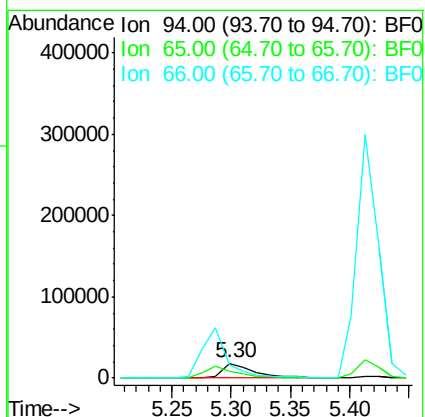
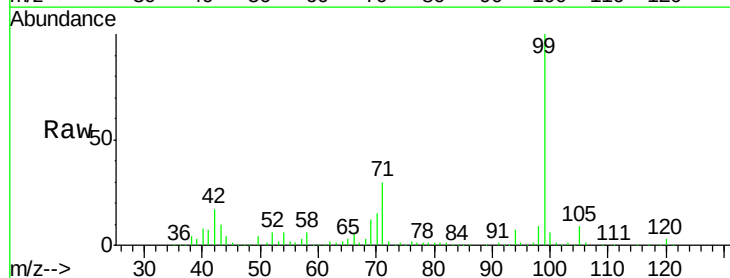
Tgt Ion: 94 Resp: 34273

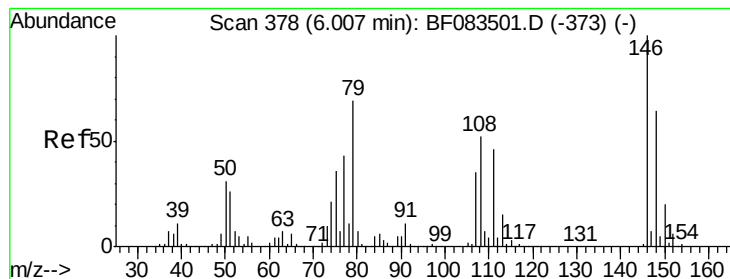
Ion Ratio Lower Upper

94 100

65 46.4 20.9 60.9

66 91.7 41.6 81.6#





#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 5.94 min Scan# 372

Delta R.T. -0.07 min

Lab File: BF083571.D

Acq: 7 Dec 2015 22:28

Instrument :

BNA_F

ClientSampleId :

TP4(12-24)

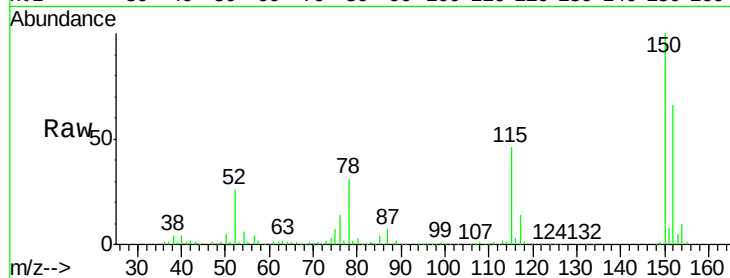
Tgt Ion: 79 Resp: 20119

Ion Ratio Lower Upper

79 100

108 27.6 59.6 89.4#

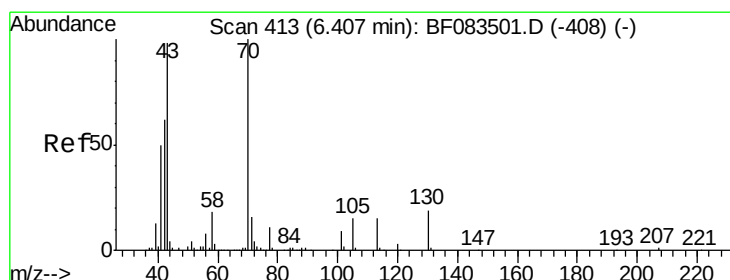
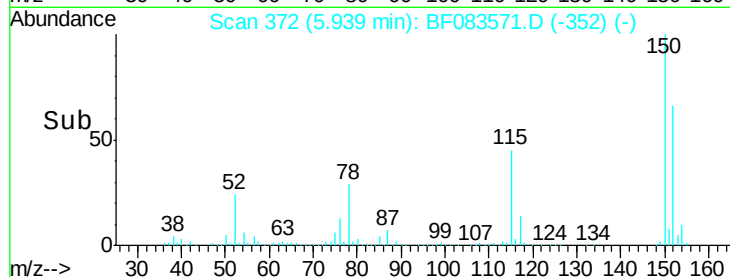
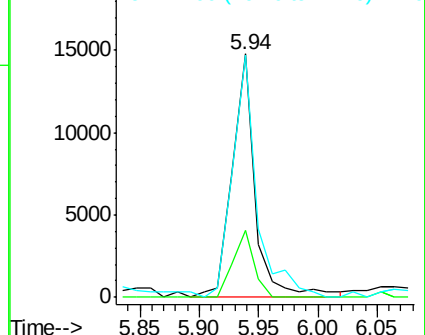
77 99.5 49.8 74.6#



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: 15.63 ng

RT: 6.56 min Scan# 426

Delta R.T. 0.15 min

Lab File: BF083571.D

Acq: 7 Dec 2015 22:28

Tgt Ion: 70 Resp: 149156

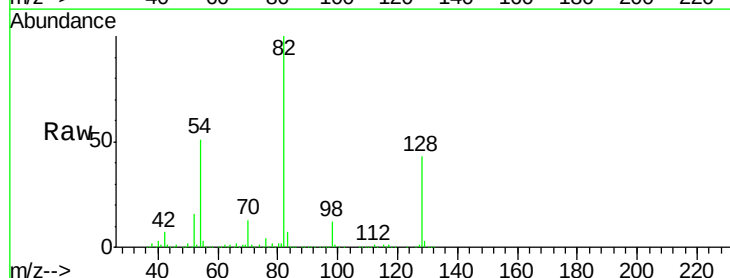
Ion Ratio Lower Upper

70 100

42 49.0 49.2 73.8#

101 0.0 7.1 10.7#

130 2.0 15.4 23.0#

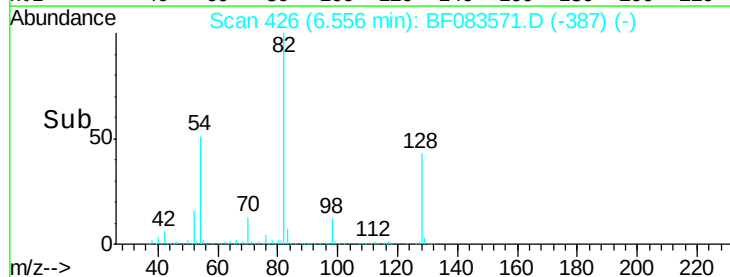
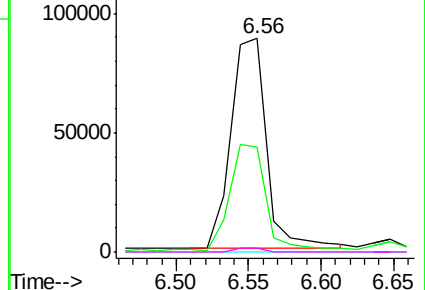


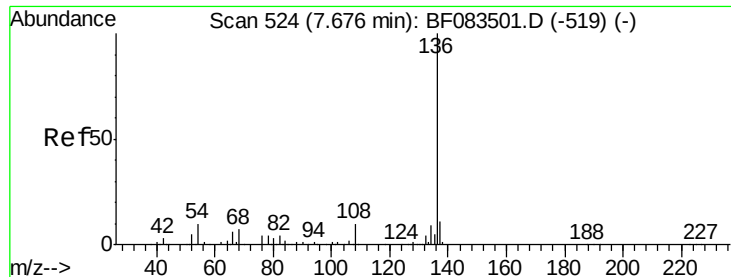
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

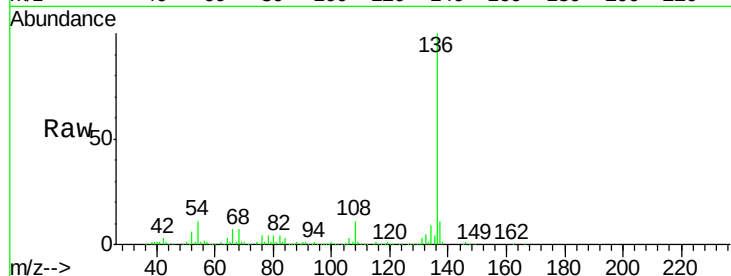




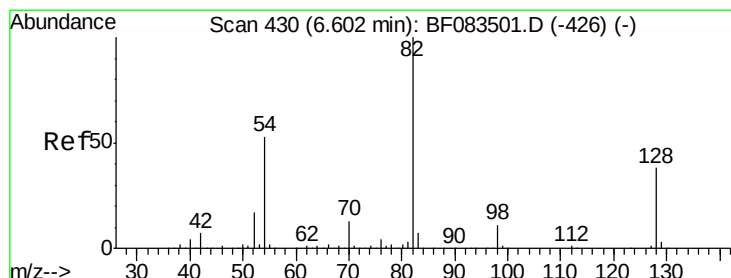
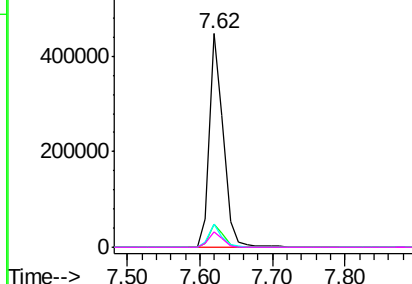
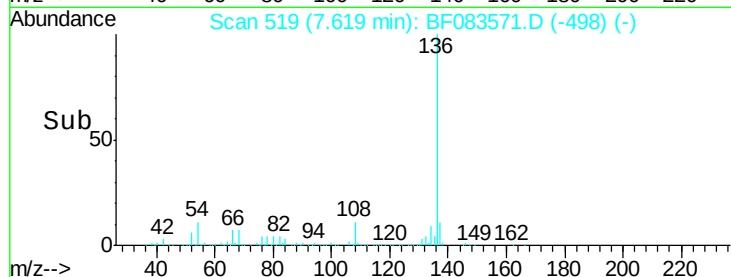
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.62 min Scan# 519
Delta R.T. -0.06 min
Lab File: BF083571.D
Acq: 7 Dec 2015 22:28

Instrument :
BNA_F
ClientSampleId :
TP4(12-24)

Tgt Ion:	136	Resp:	594752
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.8	7.8	11.6
68	7.5	5.7	8.5

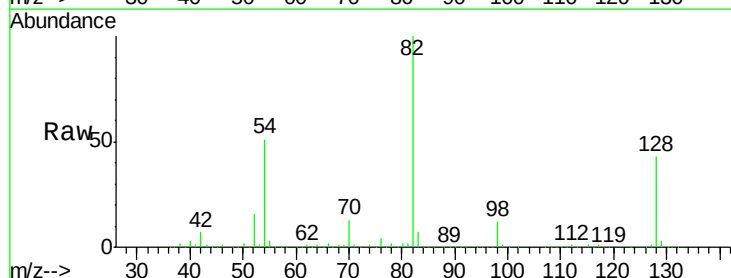


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

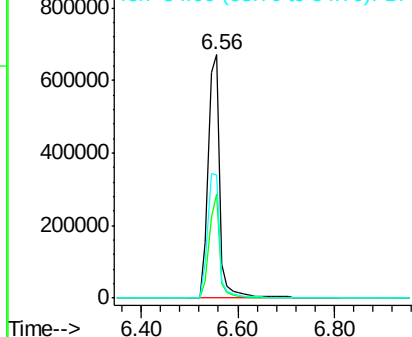
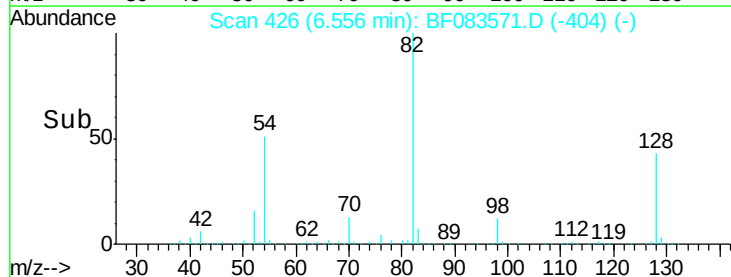


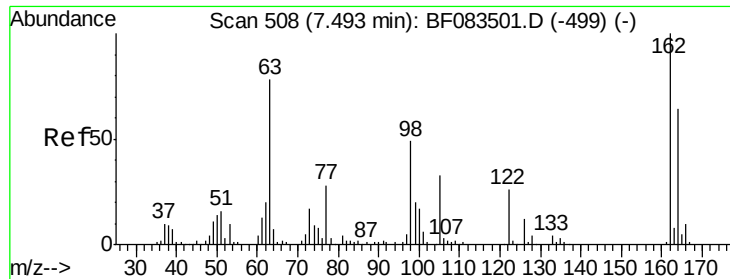
#23
Nitrobenzene-d5
Concen: 89.32 ng
RT: 6.56 min Scan# 426
Delta R.T. -0.05 min
Lab File: BF083571.D
Acq: 7 Dec 2015 22:28

Tgt Ion:	82	Resp:	1136485
Ion	Ratio	Lower	Upper
82	100		
128	42.9	30.7	46.1
54	50.8	42.5	63.7



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

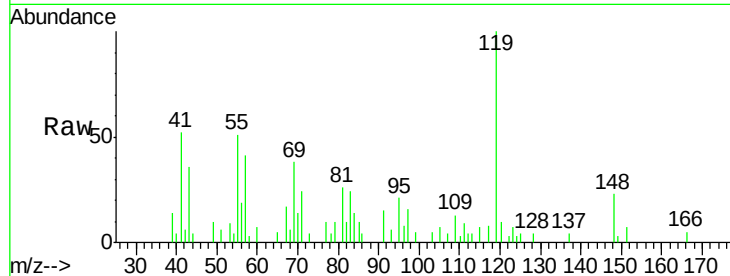




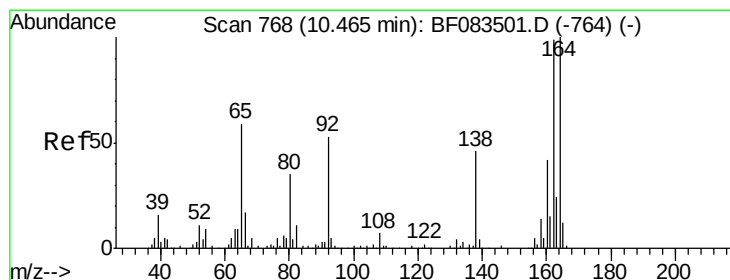
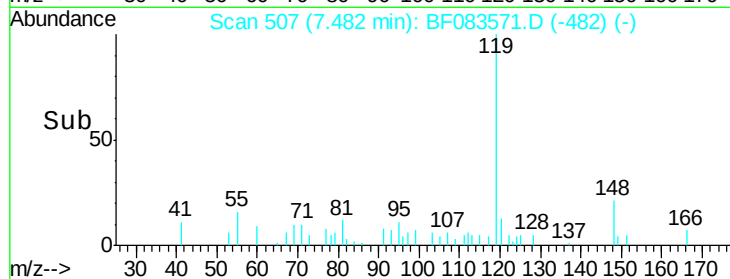
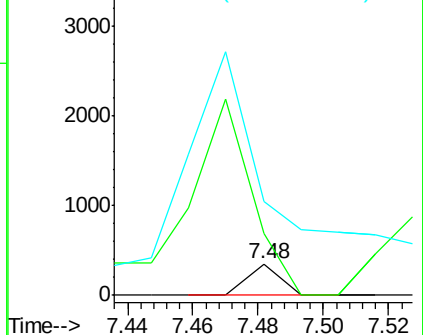
#32
Benzoic acid
Concen: 2.69 ng
RT: 7.48 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF083571.D
Acq: 7 Dec 2015 22:28

Instrument :
BNA_F
ClientSampleId :
TP4(12-24)

Tgt Ion:122 Resp: 241
Ion Ratio Lower Upper
122 100
105 197.4 105.6 145.6#
77 296.6 86.8 126.8#

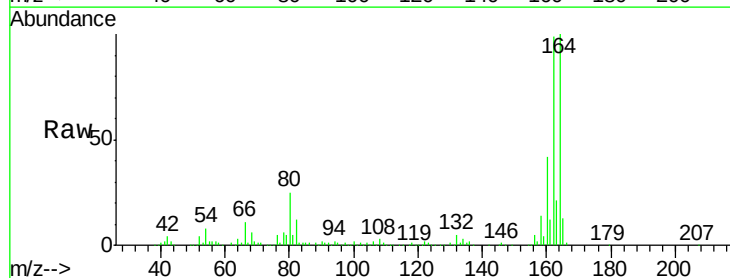


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

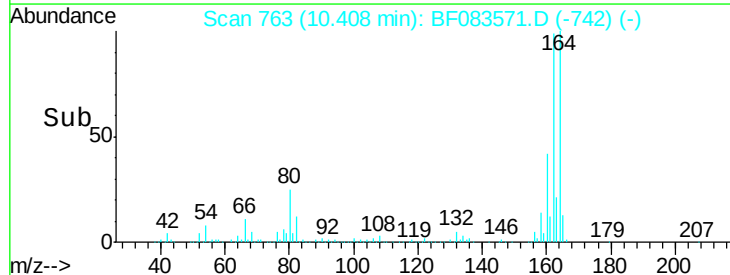
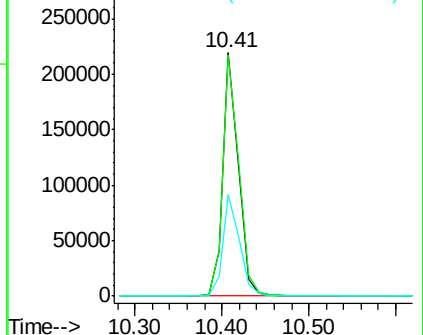


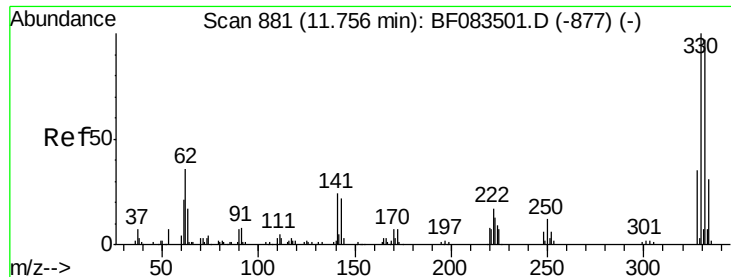
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF083571.D
Acq: 7 Dec 2015 22:28

Tgt Ion:164 Resp: 275710
Ion Ratio Lower Upper
164 100
162 98.8 78.8 118.2
160 41.9 33.4 50.2



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

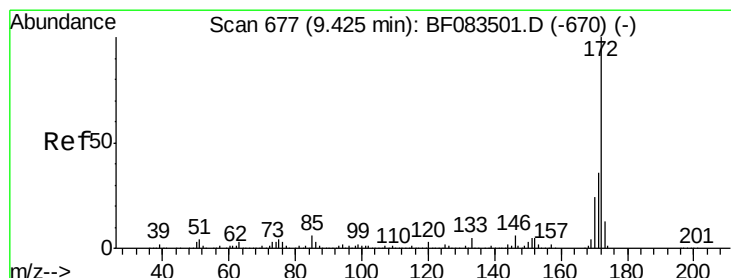
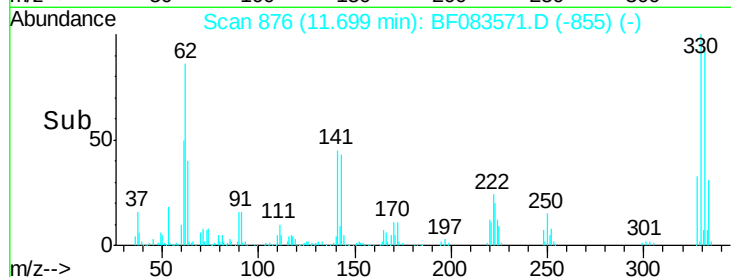
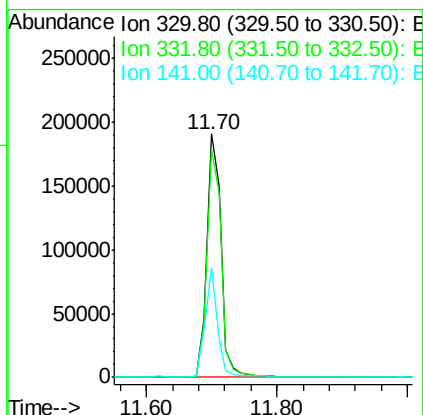
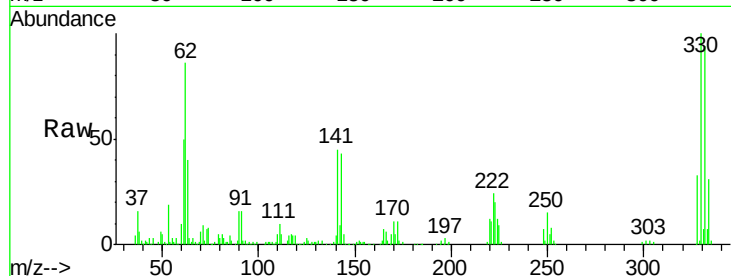




#41
 2,4,6-Tribromophenol
 Concen: 115.55 ng
 RT: 11.70 min Scan# 876
 Delta R.T. -0.06 min
 Lab File: BF083571.D
 Acq: 7 Dec 2015 22:28

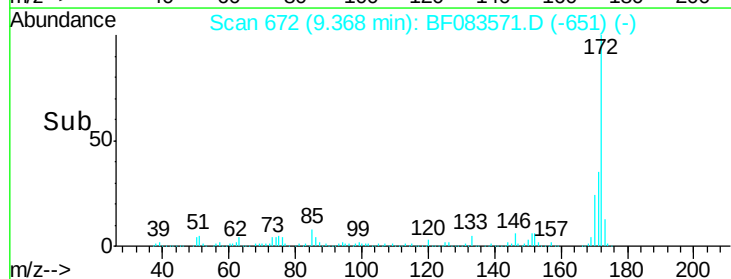
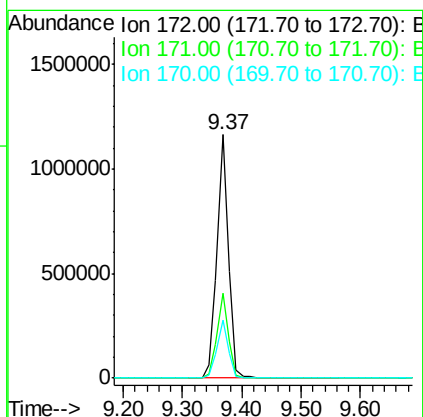
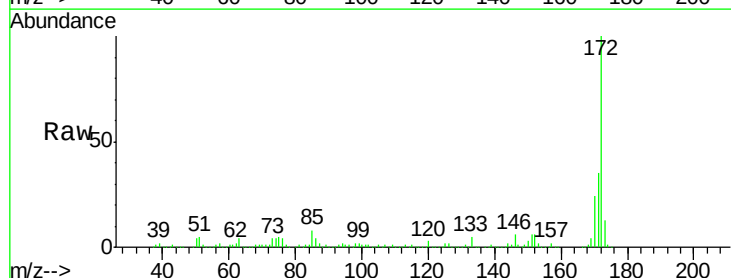
Instrument :
 BNA_F
 ClientSampleId :
 TP4(12-24)

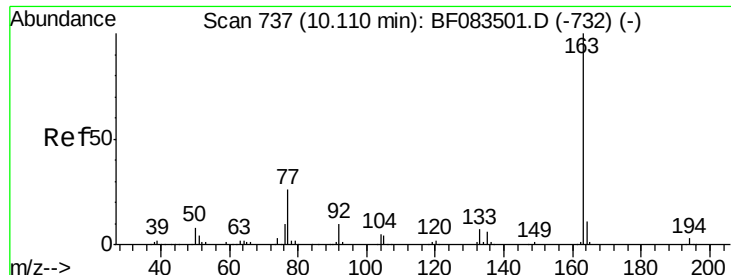
Tgt Ion:330 Resp: 293883
 Ion Ratio Lower Upper
 330 100
 332 95.0 0.0 0.0#
 141 38.6 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 76.93 ng
 RT: 9.37 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF083571.D
 Acq: 7 Dec 2015 22:28

Tgt Ion:172 Resp: 1563733
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 24.1 19.4 29.0

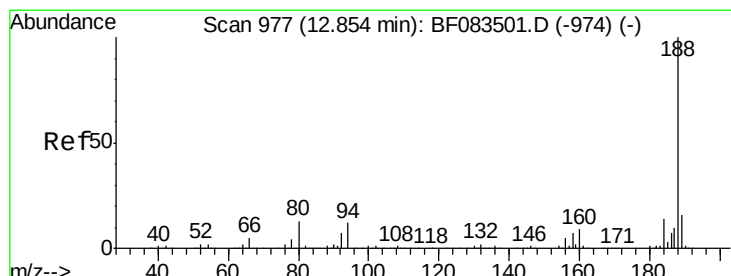
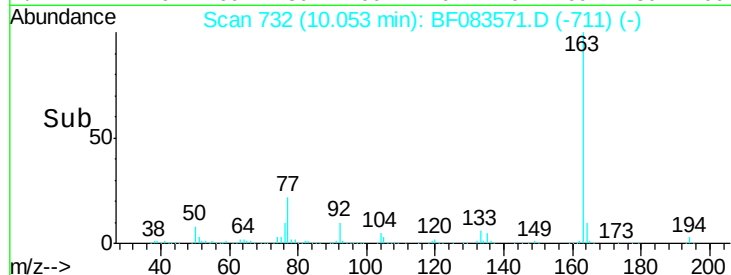
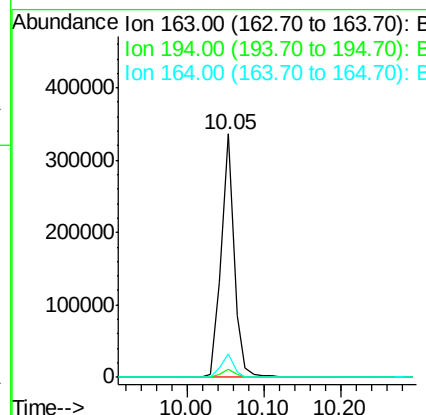
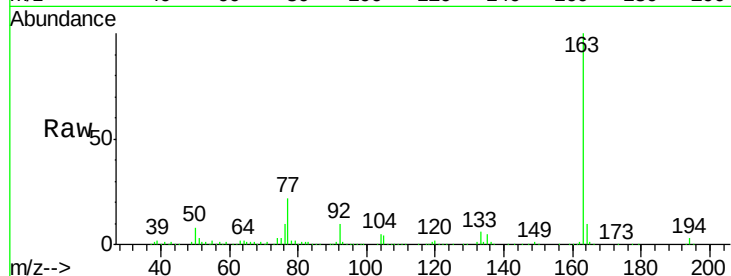




#49
Dimethylphthalate
Concen: 18.53 ng
RT: 10.05 min Scan# 732
Delta R.T. -0.06 min
Lab File: BF083571.D
Acq: 7 Dec 2015 22:28

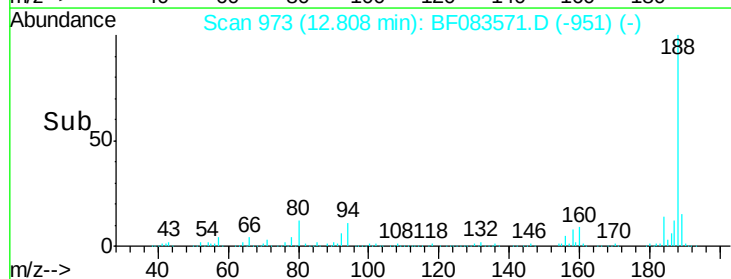
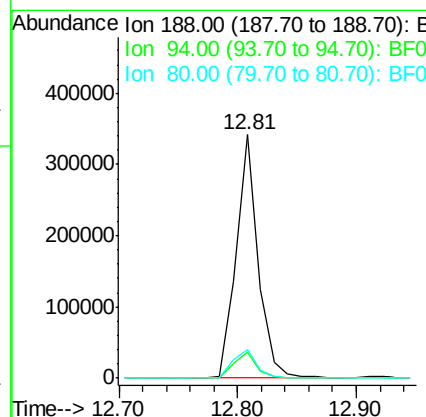
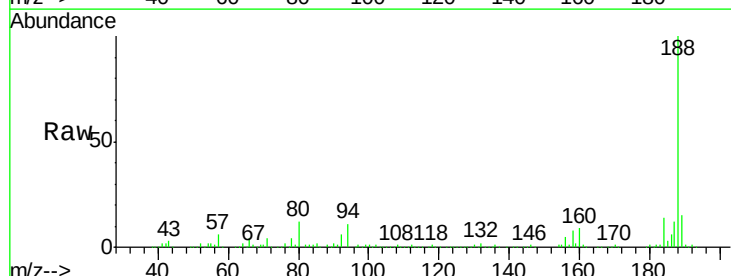
Instrument :
BNA_F
ClientSampleId :
TP4(12-24)

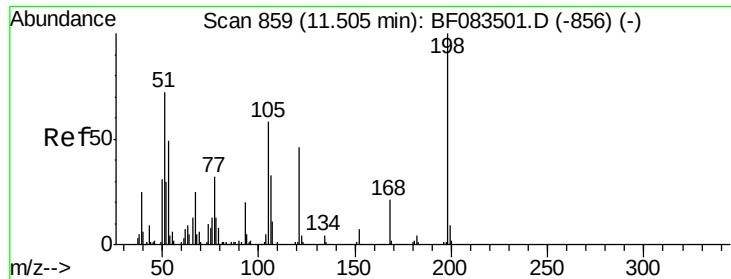
Tgt Ion:163 Resp: 402091
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 9.7 8.6 13.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 973
Delta R.T. -0.05 min
Lab File: BF083571.D
Acq: 7 Dec 2015 22:28

Tgt Ion:188 Resp: 438952
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.6 10.6 16.0

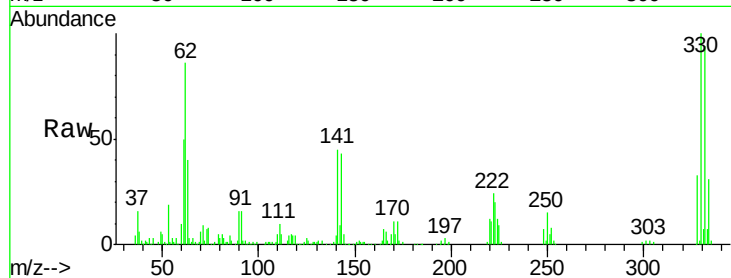




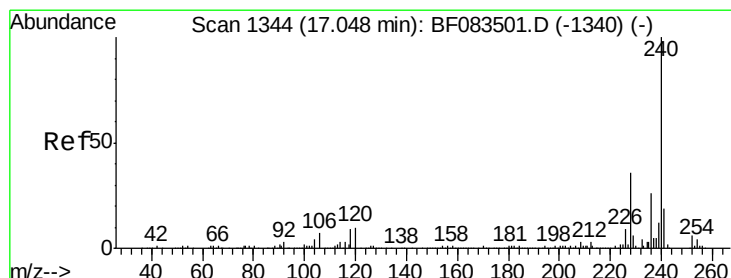
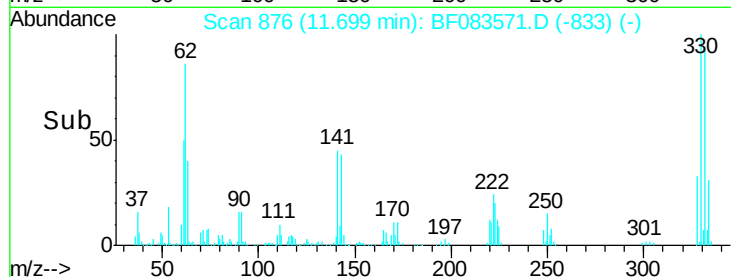
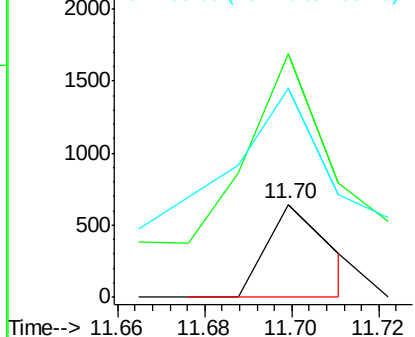
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.69 ng
 RT: 11.70 min Scan# 876
 Delta R.T. 0.20 min
 Lab File: BF083571.D
 Acq: 7 Dec 2015 22:28

Instrument :
 BNA_F
 ClientSampleId :
 TP4(12-24)

Tgt Ion:198 Resp: 651
 Ion Ratio Lower Upper
 198 100
 51 262.5 53.8 93.8#
 105 225.8 38.6 78.6#

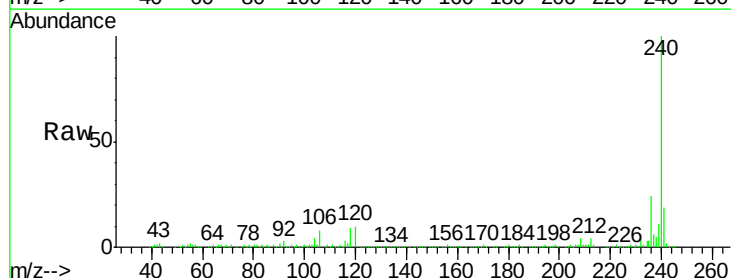


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

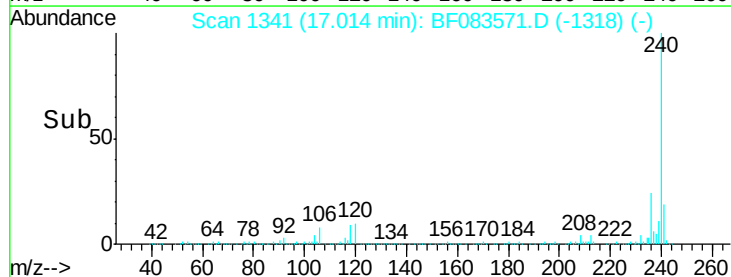
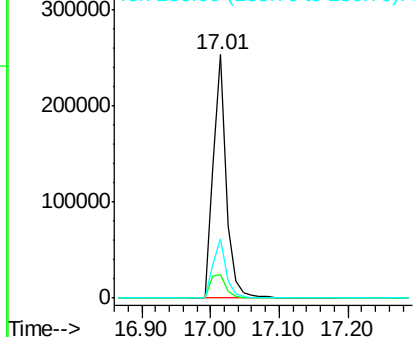


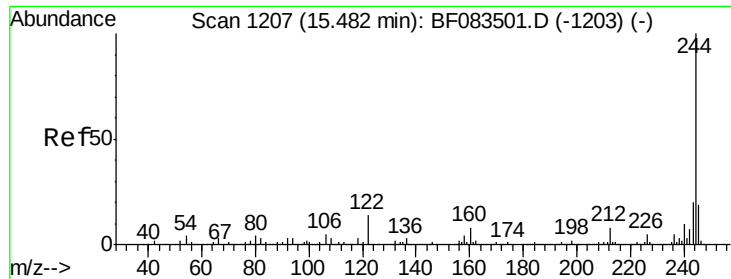
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.01 min Scan# 1341
 Delta R.T. -0.03 min
 Lab File: BF083571.D
 Acq: 7 Dec 2015 22:28

Tgt Ion:240 Resp: 342330
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.1 12.1
 236 24.5 20.8 31.2



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

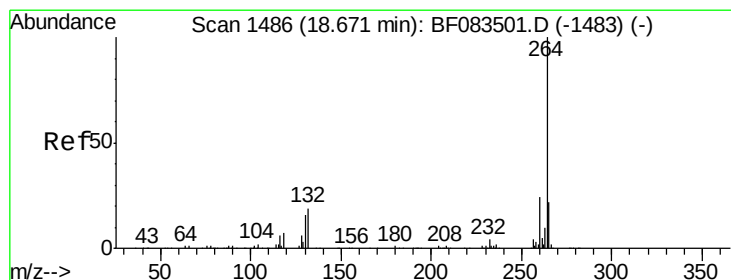
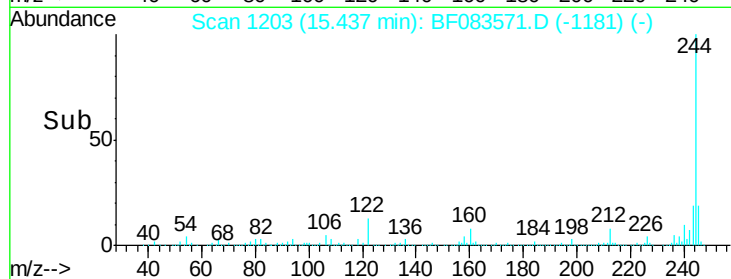
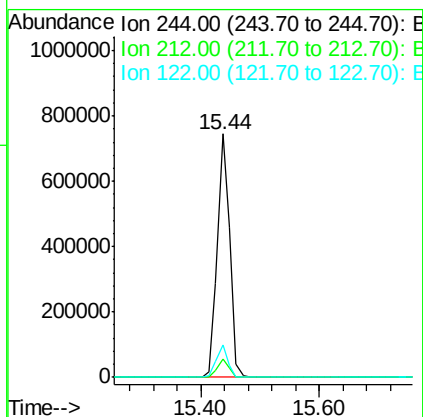
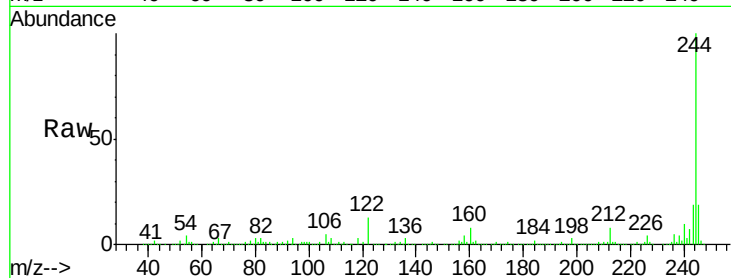




#78
 Terphenyl-d14
 Concen: 69.89 ng
 RT: 15.44 min Scan# 1203
 Delta R.T. -0.05 min
 Lab File: BF083571.D
 Acq: 7 Dec 2015 22:28

Instrument :
 BNA_F
 ClientSampleId :
 TP4(12-24)

Tgt Ion:244 Resp: 1075248
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 13.2 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.65 min Scan# 1484
 Delta R.T. -0.02 min
 Lab File: BF083571.D
 Acq: 7 Dec 2015 22:28

Tgt Ion:264 Resp: 316092
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.0
 265 22.5 17.8 26.6

