

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
 Data File : BF083567.D
 Acq On : 7 Dec 2015 20:29
 Operator : UM/IZ
 Sample : G4579-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2(18-24)

Quant Time: Dec 08 01:18:01 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

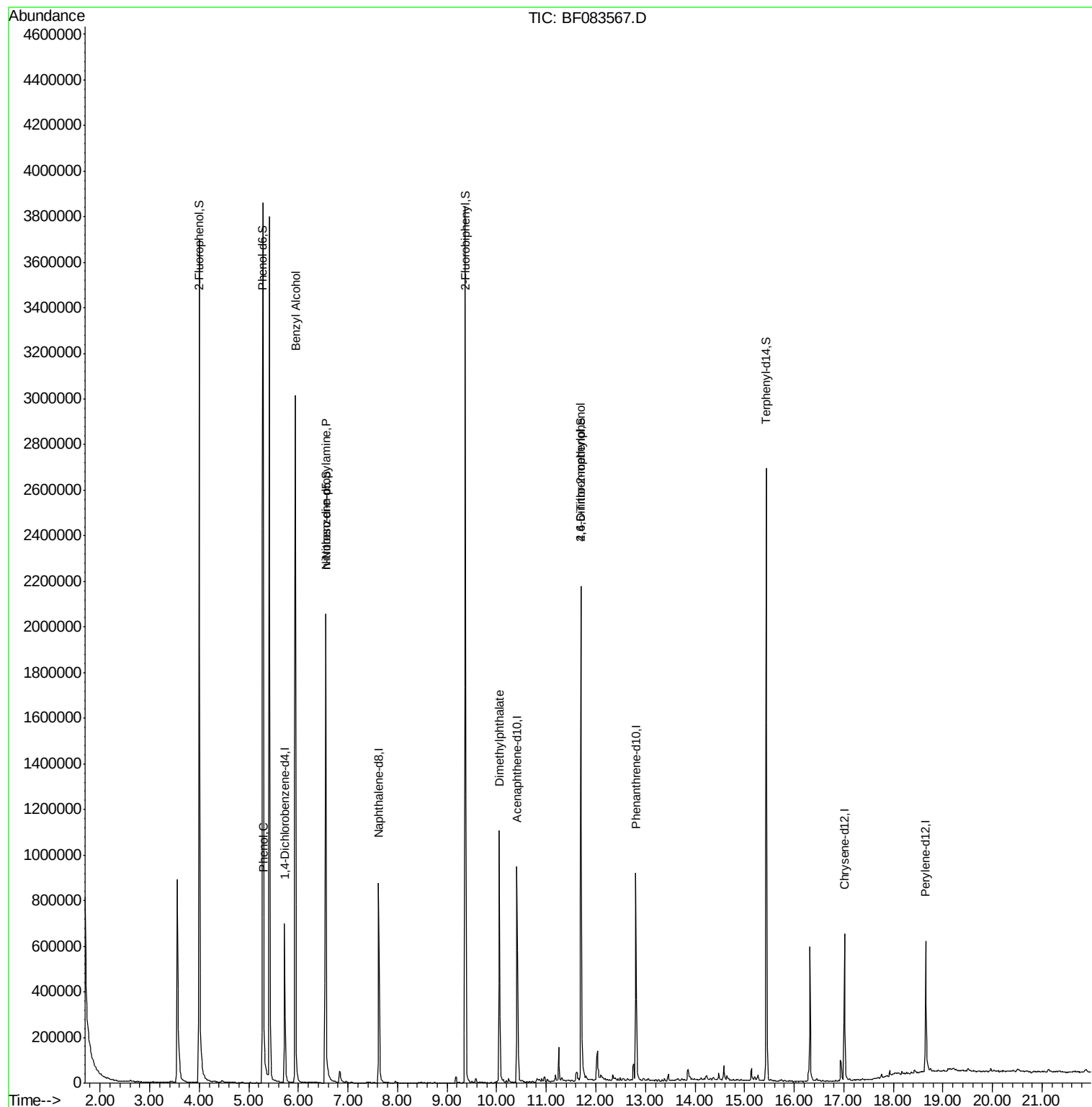
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	141980	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	558637	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	271213	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	468822	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	325855	20.00	ng	-0.03
86) Perylene-d12	18.65	264	304479	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.00	112	1326088	141.70	ng	-0.03
7) Phenol-d6	5.29	99	1871632	145.15	ng	-0.03
23) Nitrobenzene-d5	6.56	82	1226906	102.66	ng	-0.05
41) 2,4,6-Tribromophenol	11.70	330	348402	139.26	ng	-0.06
44) 2-Fluorobiphenyl	9.37	172	1651218	82.58	ng	-0.06
78) Terphenyl-d14	15.44	244	1260507	86.08	ng	-0.05
Target Compounds						
10) Phenol	5.30	94	33058	2.19	ng	# 78
15) Benzyl Alcohol	5.94	79	18357	2.05	ng	# 48
19) n-Nitroso-di-n-propylamine	6.56	70	156405	18.18	ng	# 79
49) Dimethylphthalate	10.05	163	579959	27.17	ng	99
64) 4,6-Dinitro-2-methylphenol	11.70	198	415	3.60	ng	# 1

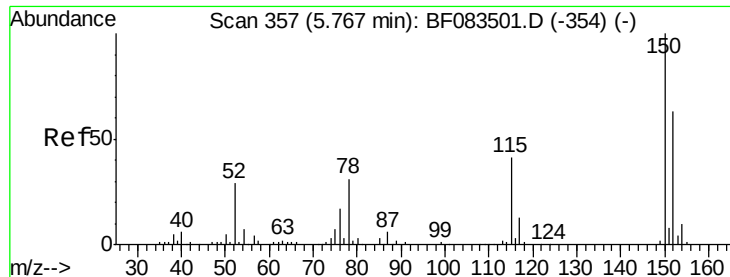
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083567.D

Acq: 7 Dec 2015 20:29

Instrument :

BNA_F

ClientSampleId :

TP2(18-24)

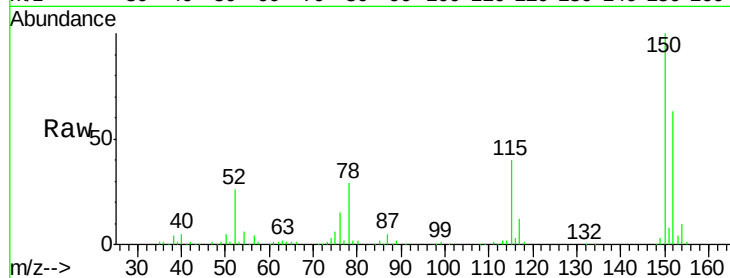
Tgt Ion:152 Resp: 141980

Ion Ratio Lower Upper

152 100

150 158.3 126.5 189.7

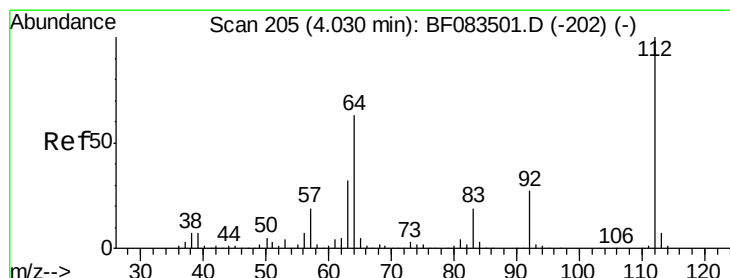
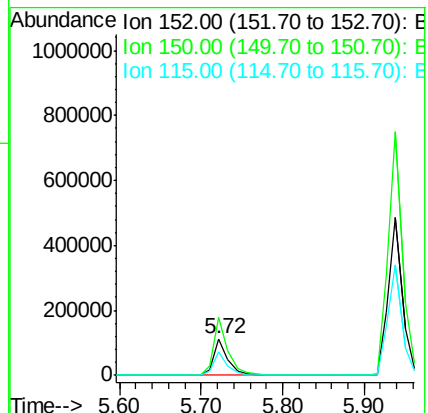
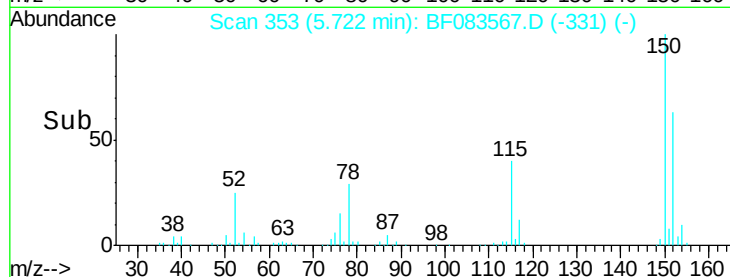
115 64.1 52.3 78.5



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: 141.70 ng

RT: 4.00 min Scan# 202

Delta R.T. -0.03 min

Lab File: BF083567.D

Acq: 7 Dec 2015 20:29

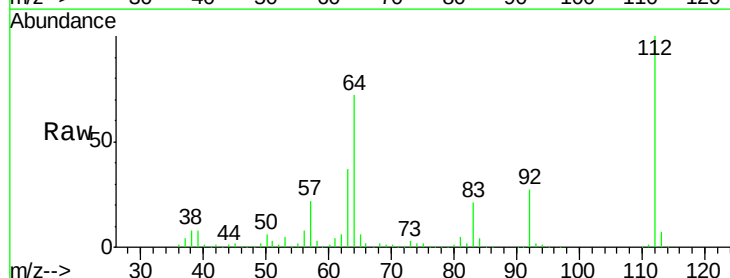
Tgt Ion:112 Resp: 1326088

Ion Ratio Lower Upper

112 100

64 72.0 50.5 75.7

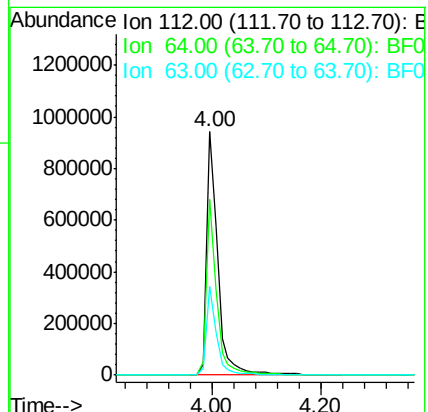
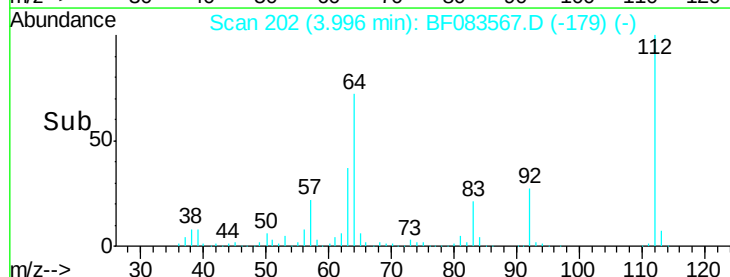
63 36.6 25.8 38.6

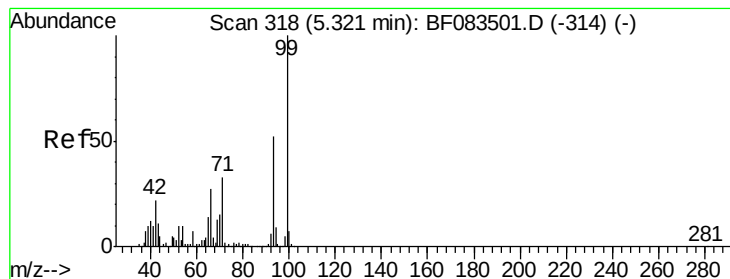


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.15 ng

RT: 5.29 min Scan# 315

Delta R.T. -0.03 min

Lab File: BF083567.D

Acq: 7 Dec 2015 20:29

Instrument :

BNA_F

ClientSampleId :

TP2(18-24)

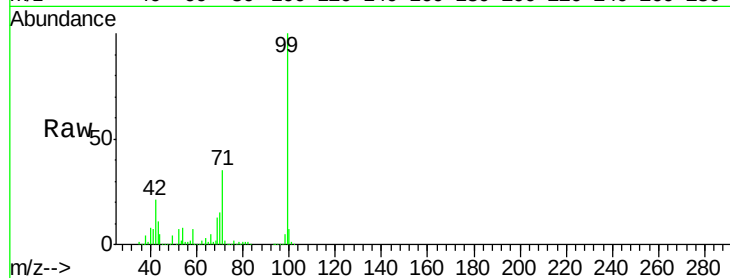
Tgt Ion: 99 Resp: 1871632

Ion Ratio Lower Upper

99 100

42 20.9 17.3 25.9

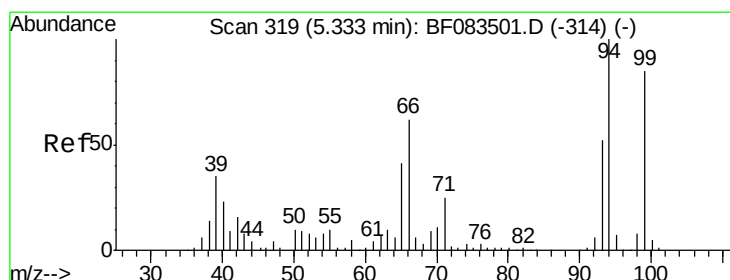
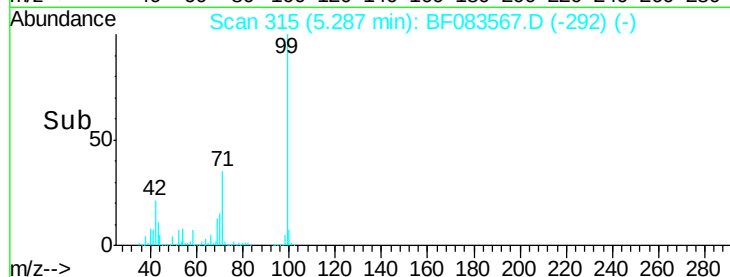
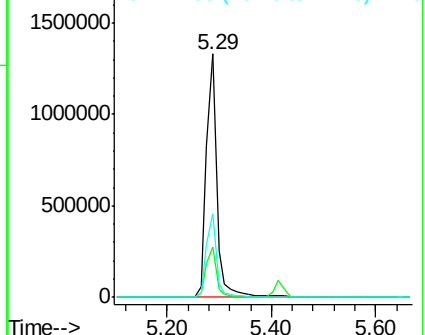
71 34.5 26.6 40.0



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



#10

Phenol

Concen: 2.19 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.03 min

Lab File: BF083567.D

Acq: 7 Dec 2015 20:29

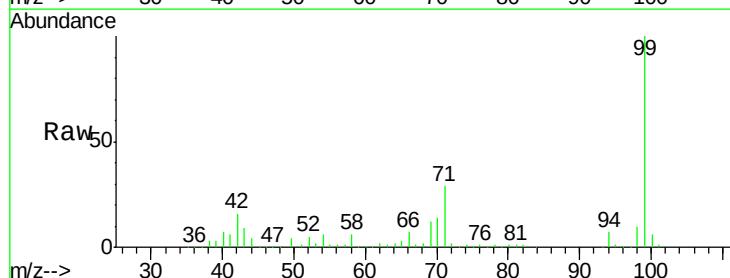
Tgt Ion: 94 Resp: 33058

Ion Ratio Lower Upper

94 100

65 41.4 20.9 60.9

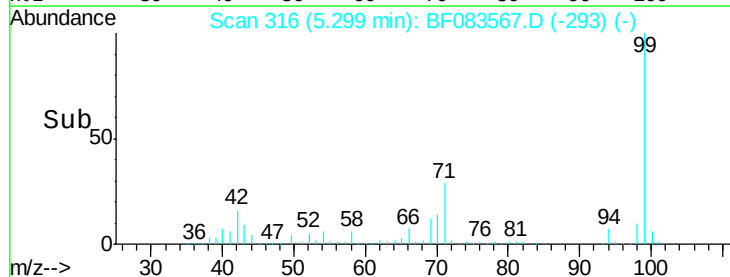
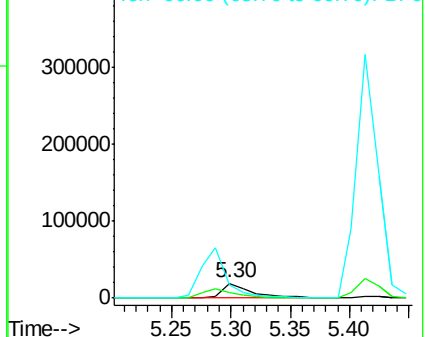
66 88.9 41.6 81.6#

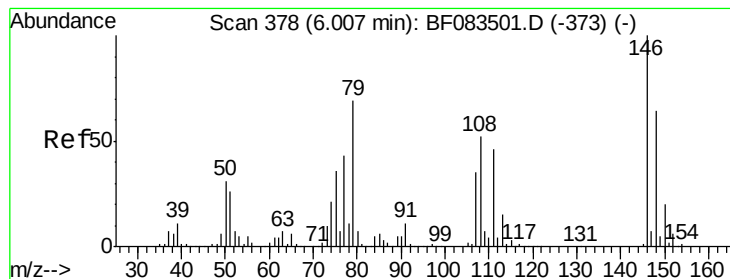


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 5.94 min Scan# 372

Delta R.T. -0.07 min

Lab File: BF083567.D

Acq: 7 Dec 2015 20:29

Instrument :

BNA_F

ClientSampleId :

TP2(18-24)

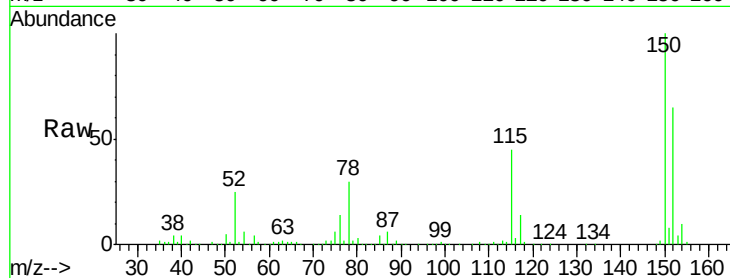
Tgt Ion: 79 Resp: 18357

Ion Ratio Lower Upper

79 100

108 31.0 59.6 89.4#

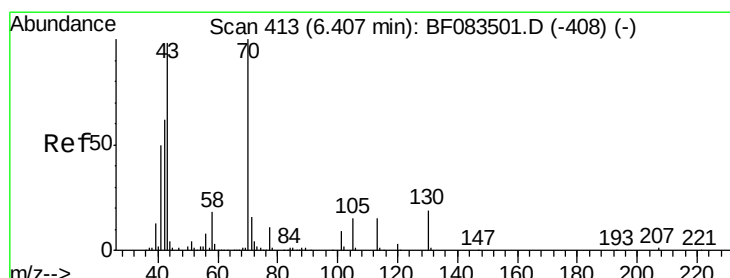
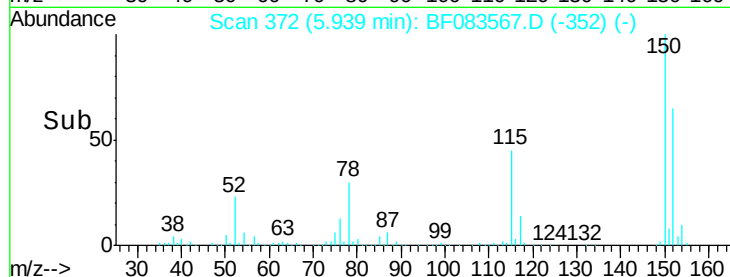
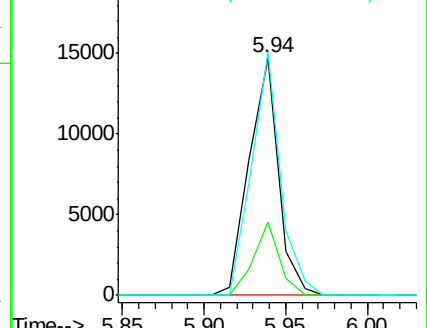
77 102.5 49.8 74.6#



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: 18.18 ng

RT: 6.56 min Scan# 426

Delta R.T. 0.15 min

Lab File: BF083567.D

Acq: 7 Dec 2015 20:29

Tgt Ion: 70 Resp: 156405

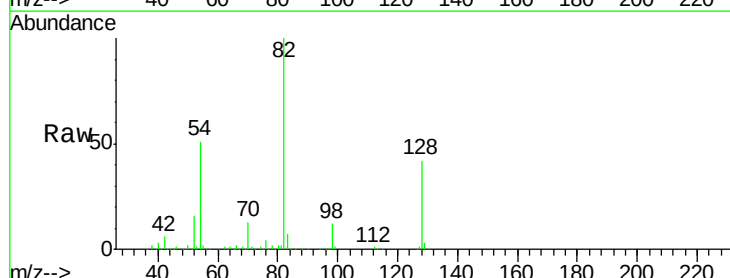
Ion Ratio Lower Upper

70 100

42 49.4 49.2 73.8

101 0.0 7.1 10.7#

130 2.1 15.4 23.0#

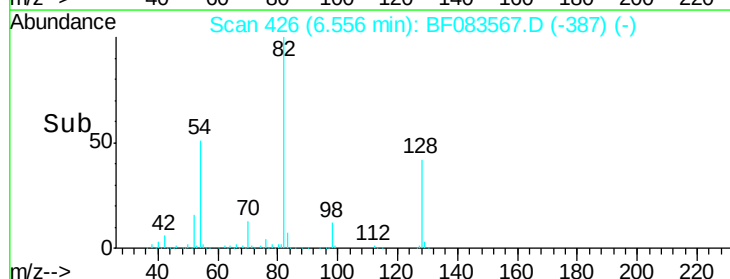
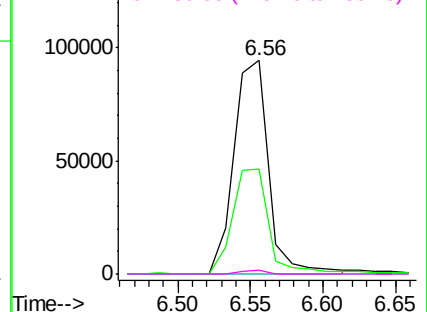


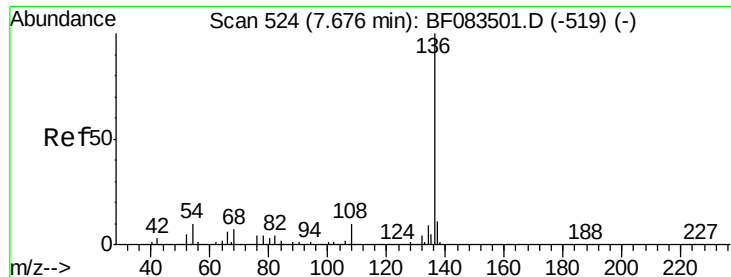
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

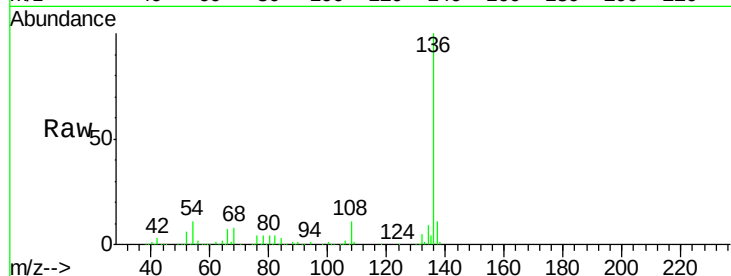




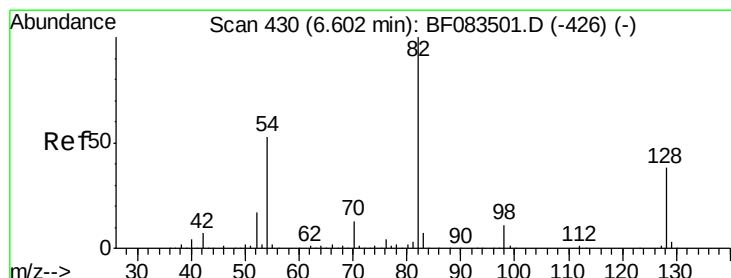
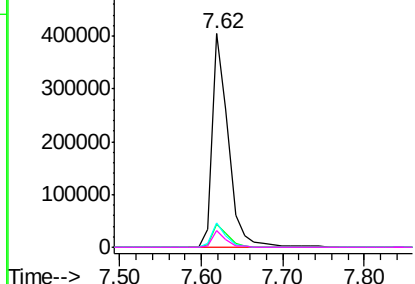
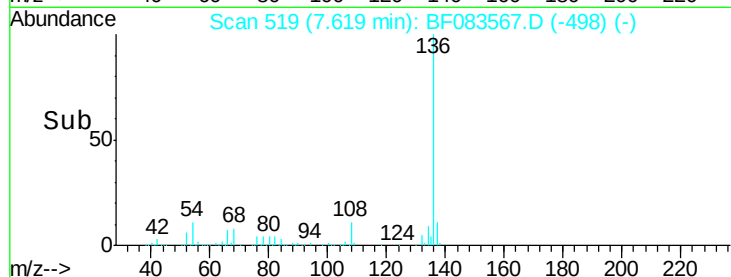
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.62 min Scan# 519
Delta R.T. -0.06 min
Lab File: BF083567.D
Acq: 7 Dec 2015 20:29

Instrument :
BNA_F
ClientSampleId :
TP2(18-24)

Tgt Ion:	136	Resp:	558637
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.2	7.8	11.6
68	7.5	5.7	8.5

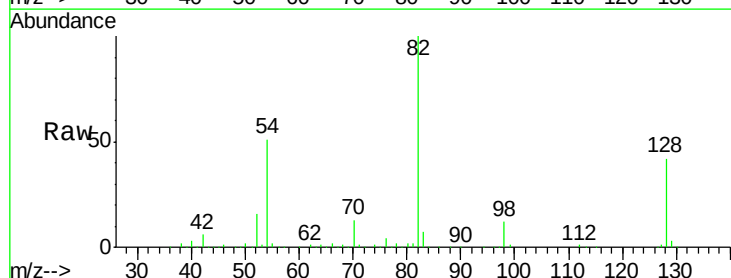


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

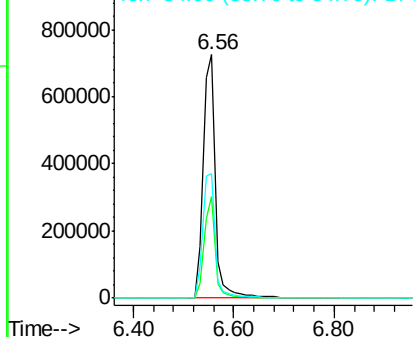
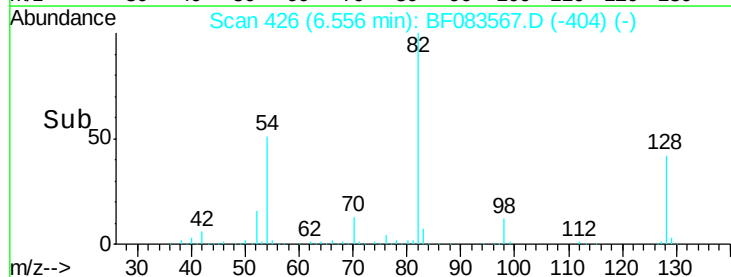


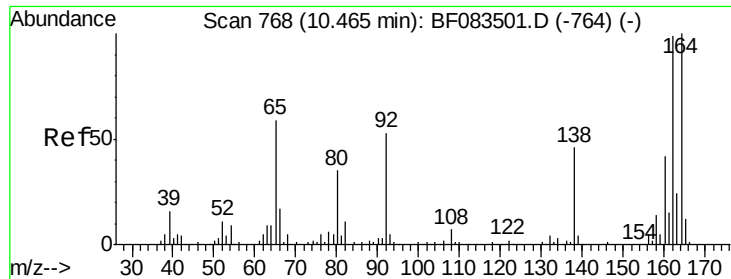
#23
Nitrobenzene-d5
Concen: 102.66 ng
RT: 6.56 min Scan# 426
Delta R.T. -0.05 min
Lab File: BF083567.D
Acq: 7 Dec 2015 20:29

Tgt Ion:	82	Resp:	1226906
Ion	Ratio	Lower	Upper
82	100		
128	41.9	30.7	46.1
54	51.0	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

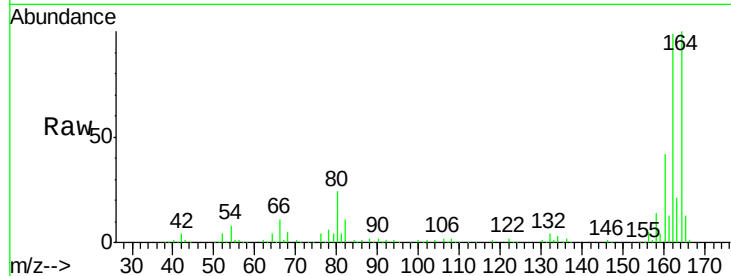




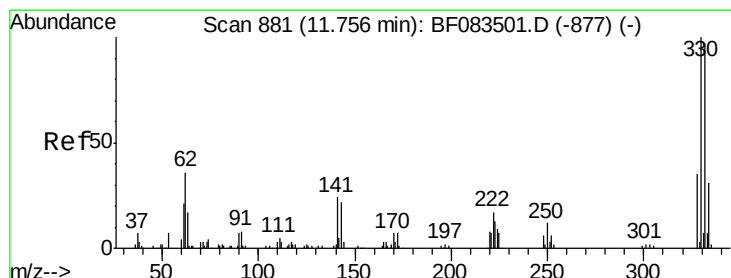
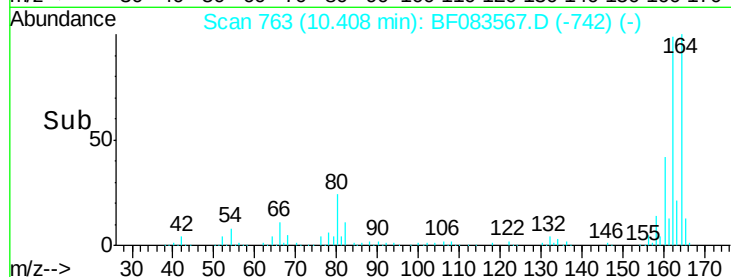
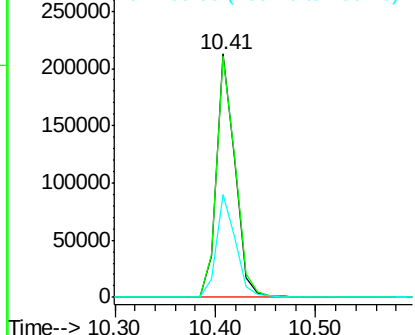
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF083567.D
 Acq: 7 Dec 2015 20:29

Instrument :
 BNA_F
 ClientSampled :
 TP2(18-24)

Tgt Ion:164 Resp: 271213
 Ion Ratio Lower Upper
 164 100
 162 98.8 78.8 118.2
 160 42.0 33.4 50.2

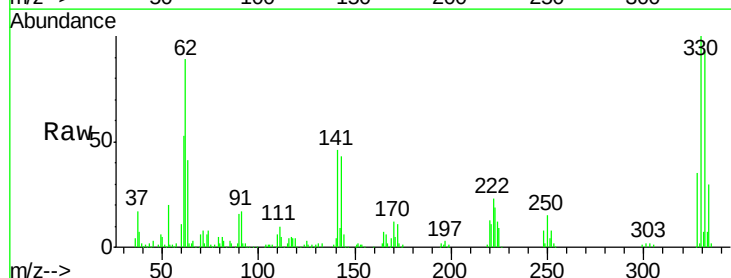


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

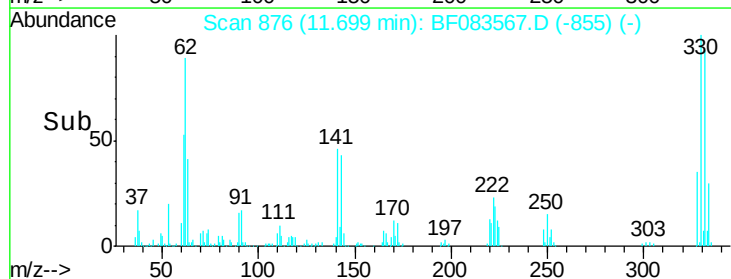
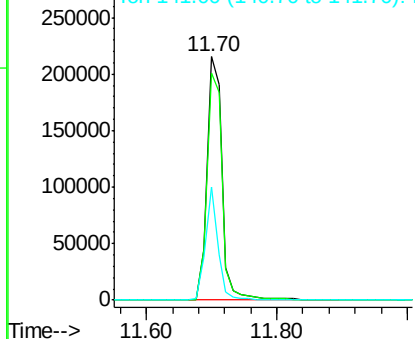


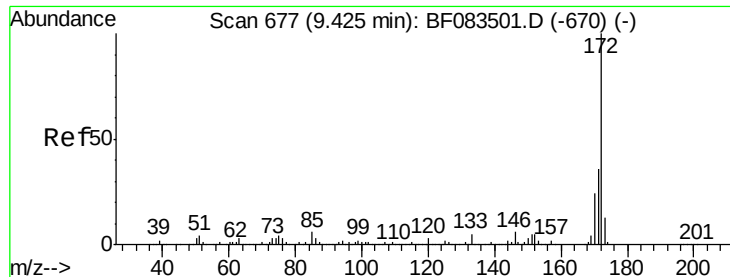
#41
 2,4,6-Tribromophenol
 Concen: 139.26 ng
 RT: 11.70 min Scan# 876
 Delta R.T. -0.06 min
 Lab File: BF083567.D
 Acq: 7 Dec 2015 20:29

Tgt Ion:330 Resp: 348402
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 38.3 0.0 0.0#



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

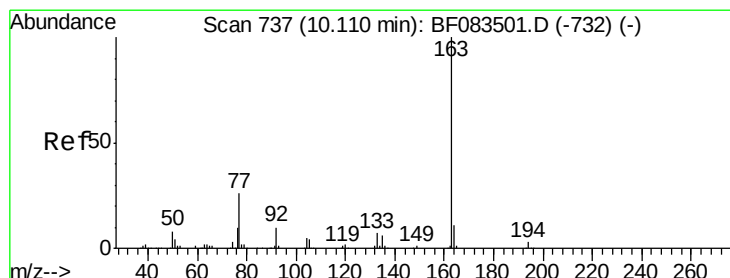
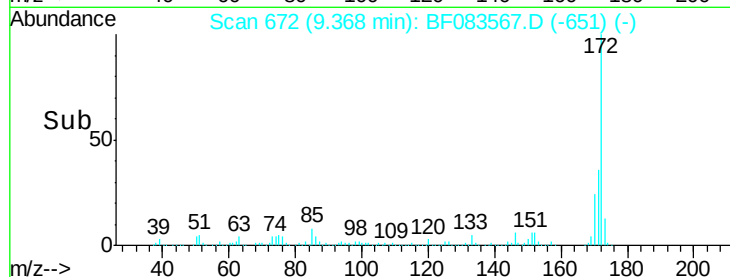
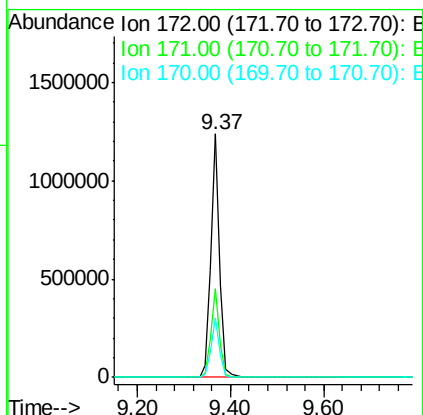
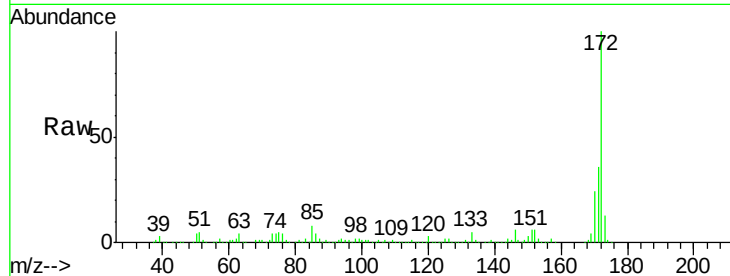




#44
2-Fluorobiphenyl
Concen: 82.58 ng
RT: 9.37 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF083567.D
Acq: 7 Dec 2015 20:29

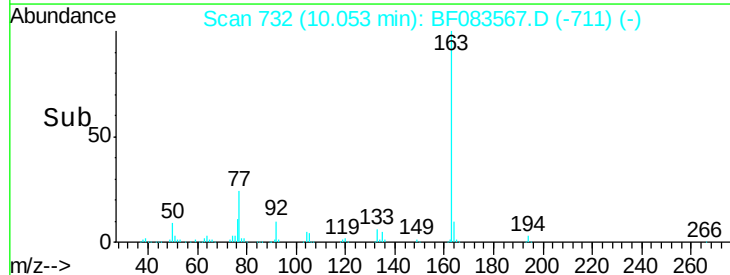
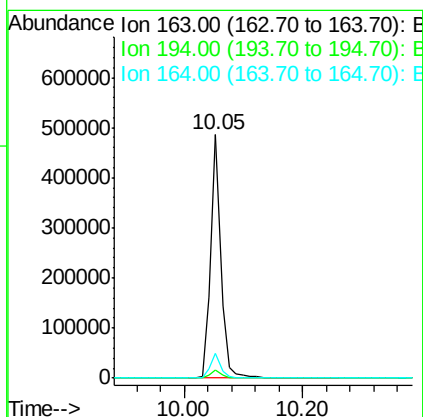
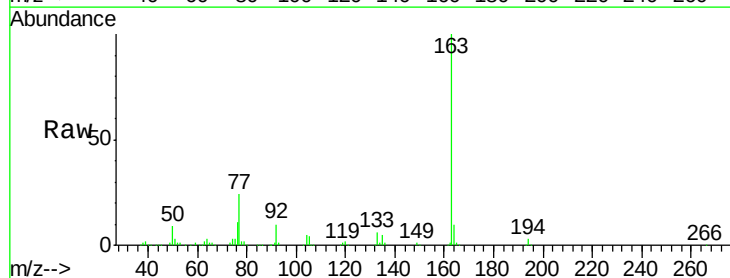
Instrument :
BNA_F
ClientSampleId :
TP2(18-24)

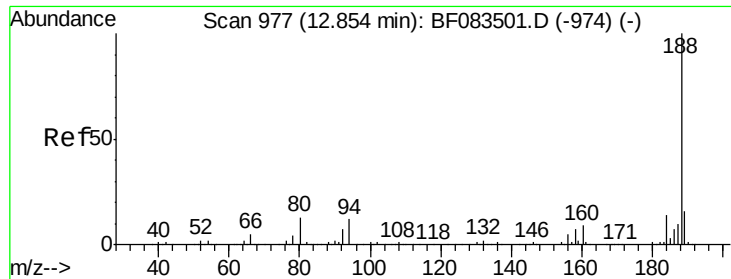
Tgt Ion:172 Resp: 1651218
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 24.2 19.4 29.0



#49
Dimethylphthalate
Concen: 27.17 ng
RT: 10.05 min Scan# 732
Delta R.T. -0.06 min
Lab File: BF083567.D
Acq: 7 Dec 2015 20:29

Tgt Ion:163 Resp: 579959
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.3 8.6 13.0

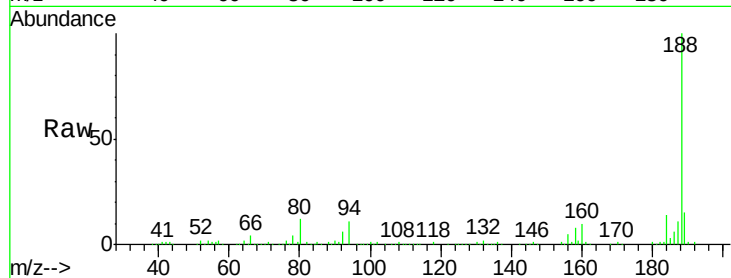




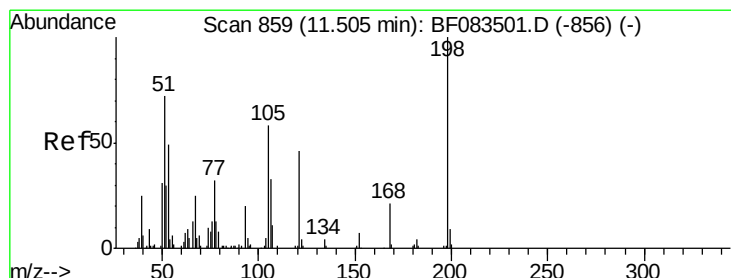
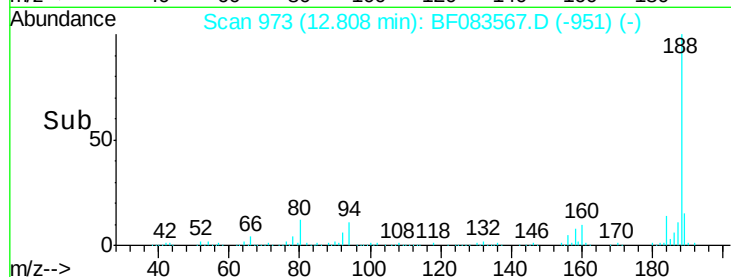
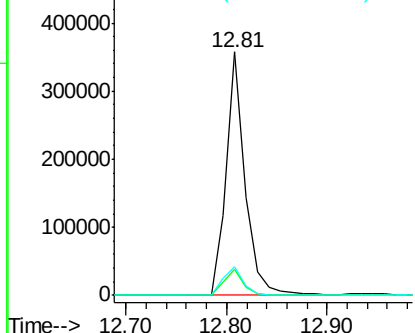
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.81 min Scan# 973
 Delta R.T. -0.05 min
 Lab File: BF083567.D
 Acq: 7 Dec 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 TP2(18-24)

Tgt Ion:188 Resp: 468822
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.5 10.6 16.0

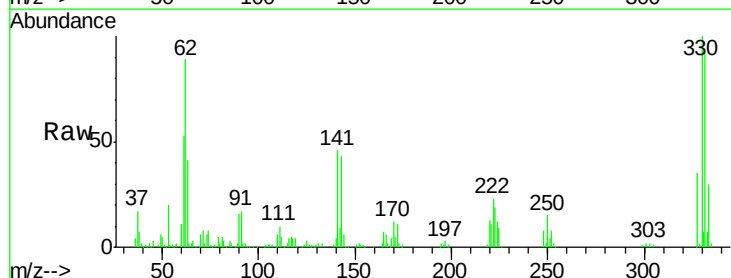


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

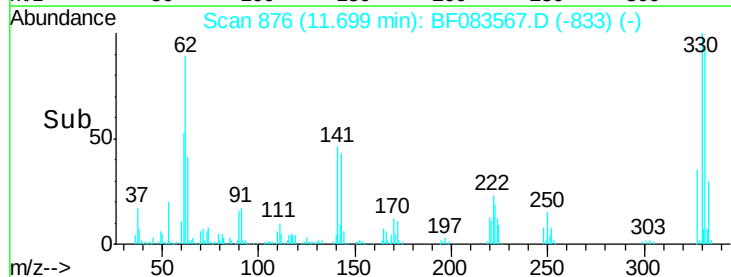
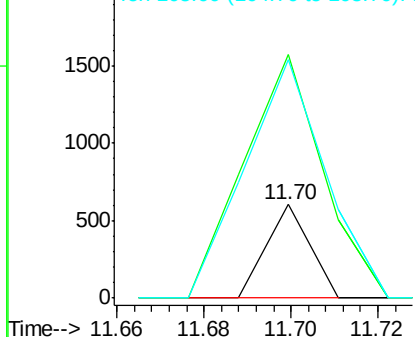


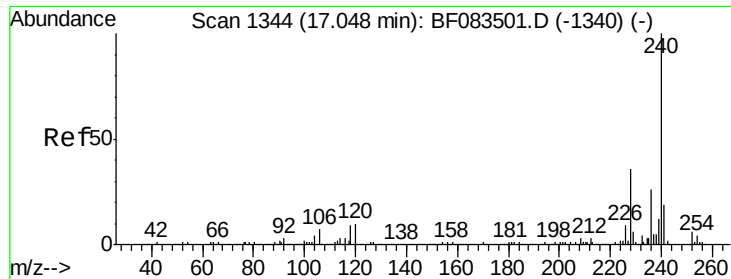
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.60 ng
 RT: 11.70 min Scan# 876
 Delta R.T. 0.20 min
 Lab File: BF083567.D
 Acq: 7 Dec 2015 20:29

Tgt Ion:198 Resp: 415
 Ion Ratio Lower Upper
 198 100
 51 260.0 53.8 93.8#
 105 255.2 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

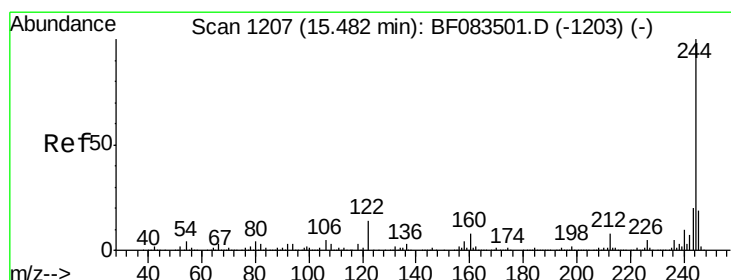
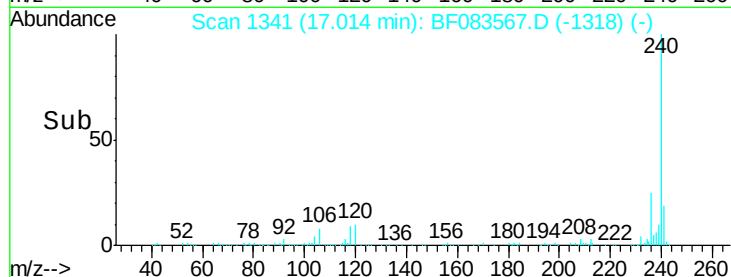
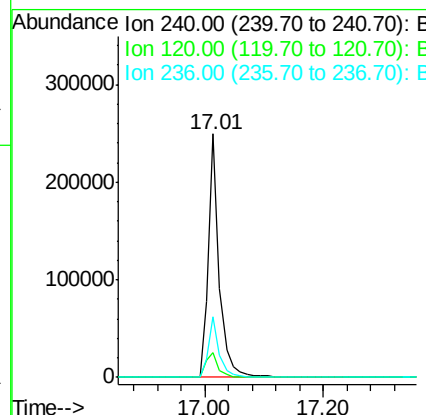
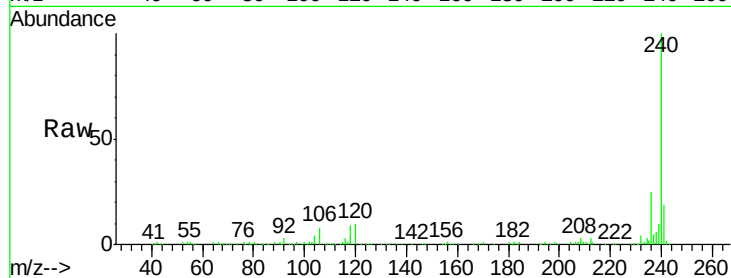




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.01 min Scan# 1341
 Delta R.T. -0.03 min
 Lab File: BF083567.D
 Acq: 7 Dec 2015 20:29

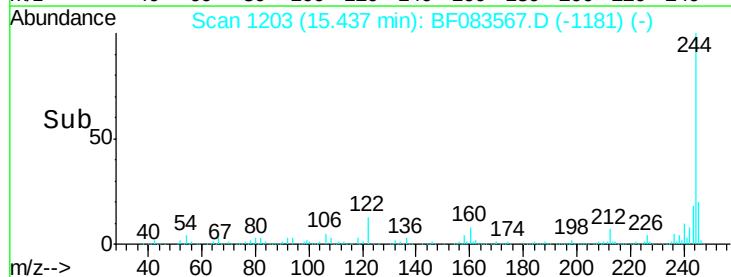
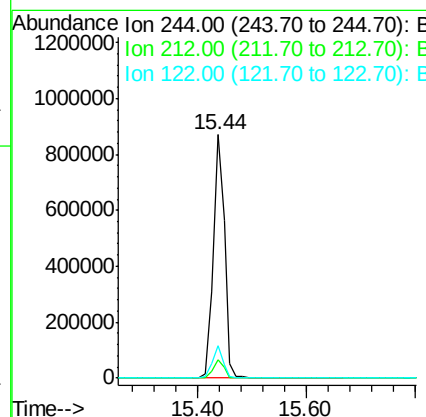
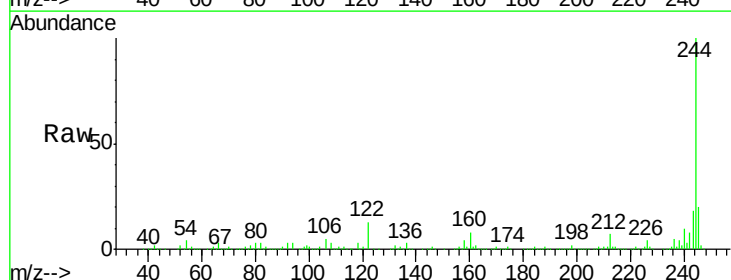
Instrument :
 BNA_F
 ClientSampleId :
 TP2(18-24)

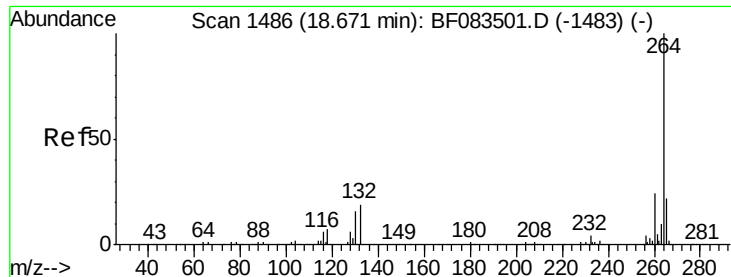
Tgt Ion:240 Resp: 325855
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.1 12.1
 236 25.1 20.8 31.2



#78
 Terphenyl-d14
 Concen: 86.08 ng
 RT: 15.44 min Scan# 1203
 Delta R.T. -0.05 min
 Lab File: BF083567.D
 Acq: 7 Dec 2015 20:29

Tgt Ion:244 Resp: 1260507
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 13.5 11.0 16.6

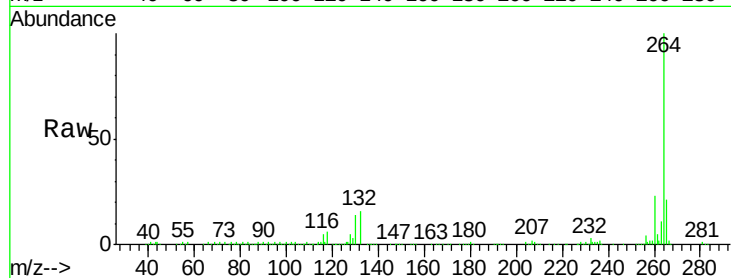




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF083567.D
Acq: 7 Dec 2015 20:29

Instrument :
BNA_F
ClientSampleId :
TP2(18-24)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.0
265	21.5	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

