

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081715\
 Data File : BF081025.D
 Acq On : 18 Aug 2015 2:42
 Operator : UM/IZ
 Sample : G3267-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(0-9)

Quant Time: Aug 18 04:11:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

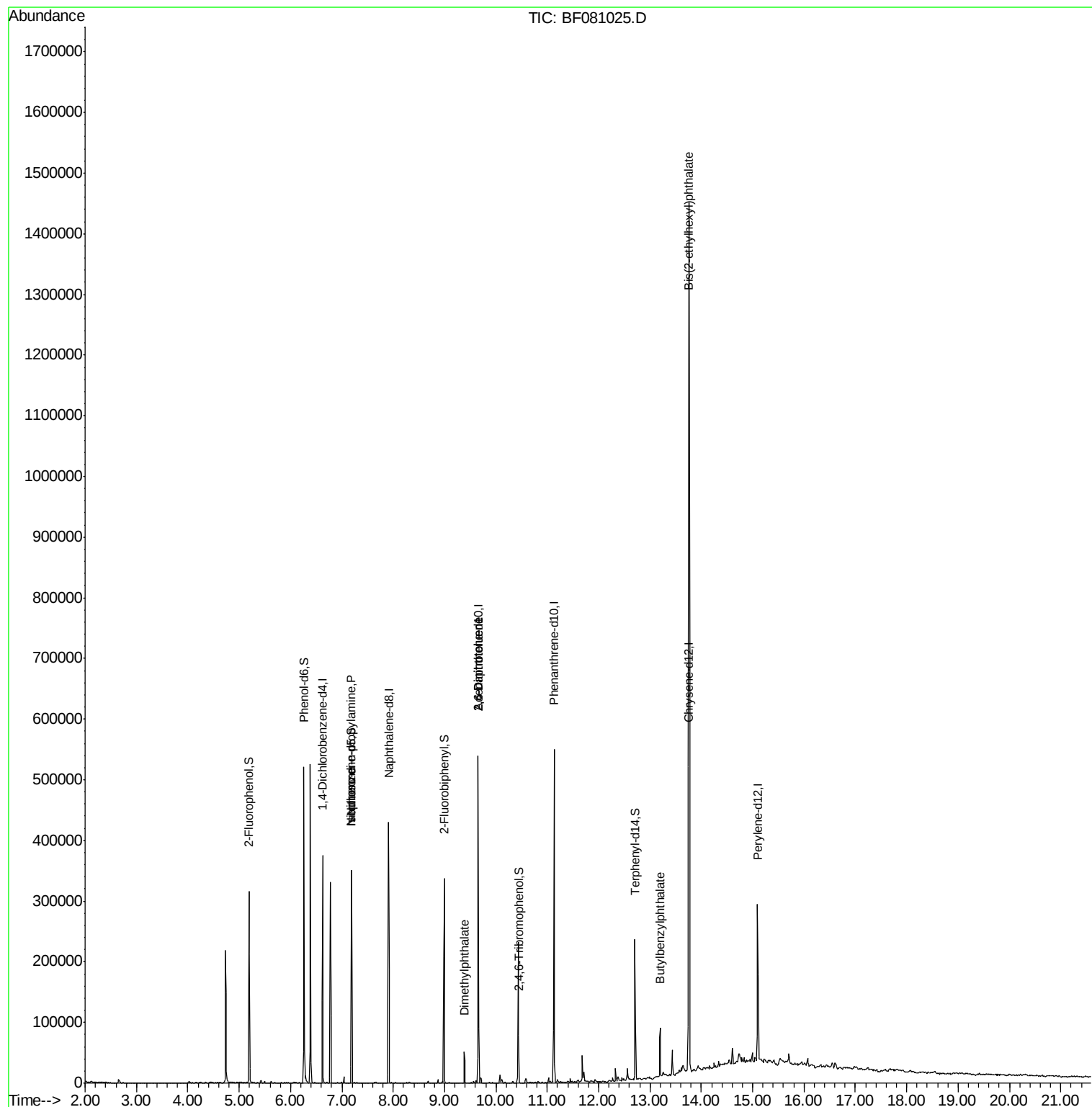
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	55958	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	201983	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	94585	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	184514	20.00	ng	0.00
75) Chrysene-d12	13.75	240	124996	20.00	ng	0.00
86) Perylene-d12	15.10	264	107831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	97733	26.27	ng	0.00
7) Phenol-d6	6.26	99	147731	30.43	ng	0.00
23) Nitrobenzene-d5	7.19	82	95904	21.69	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	20270	24.72	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	129481	17.94	ng	0.00
78) Terphenyl-d14	12.71	244	72086	12.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	12222	3.63	ng	# 75
25) Isophorone	7.19	82	90635	10.99	ng	# 71
49) Dimethylphthalate	9.39	163	26752	3.43	ng	99
50) 2,6-Dinitrotoluene	9.66	165	12325	7.37	ng	# 20
56) 2,4-Dinitrotoluene	9.66	165	12325	5.56	ng	# 16
79) Butylbenzylphthalate	13.20	149	25094	5.75	ng	98
83) Bis(2-ethylhexyl)phthalate	13.76	149	406243	72.61	ng	# 96

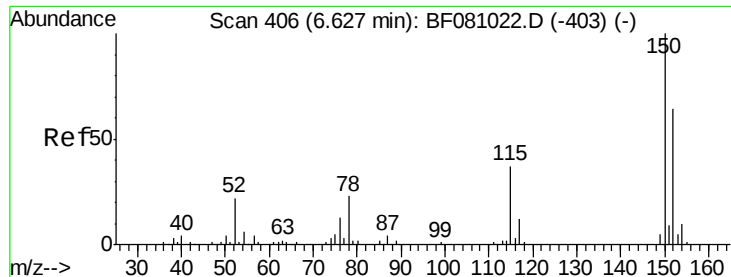
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF081025.D

Acq: 18 Aug 2015 2:42

Instrument :

BNA_F

ClientSampleId :

SB-1(0-9)

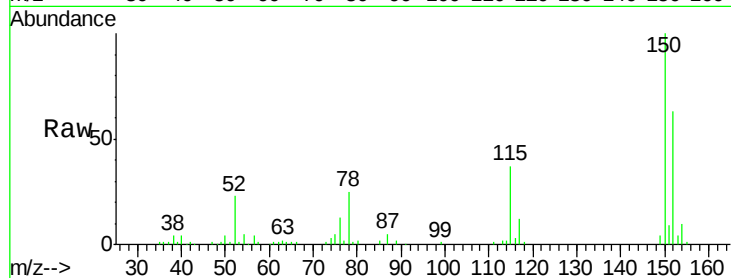
Tot Ion:152 Resp: 55958

Ion Ratio Lower Upper

152 100

150 158.6 123.8 185.6

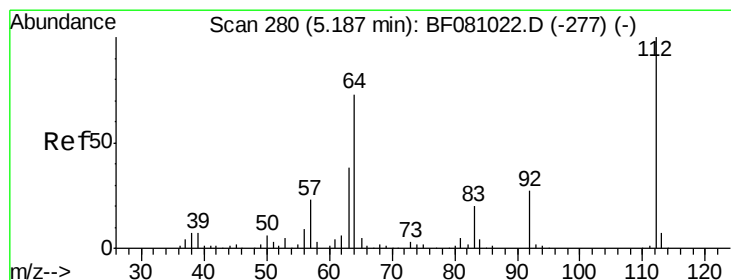
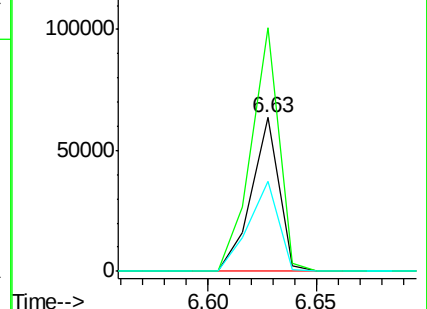
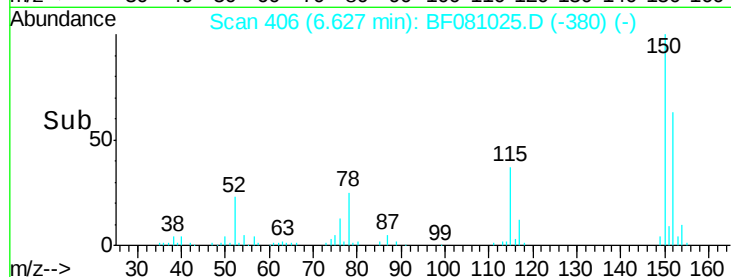
115 58.5 52.1 78.1



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: 26.27 ng

RT: 5.19 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF081025.D

Acq: 18 Aug 2015 2:42

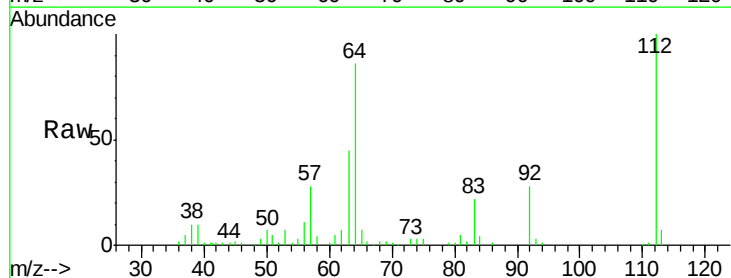
Tgt Ion:112 Resp: 97733

Ion Ratio Lower Upper

112 100

64 85.6 66.9 100.3

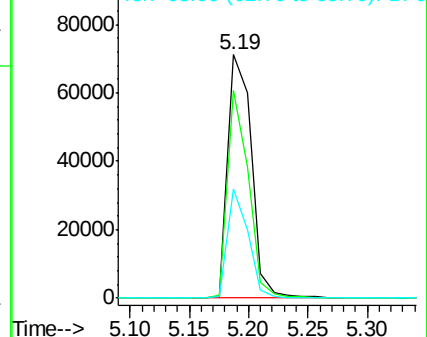
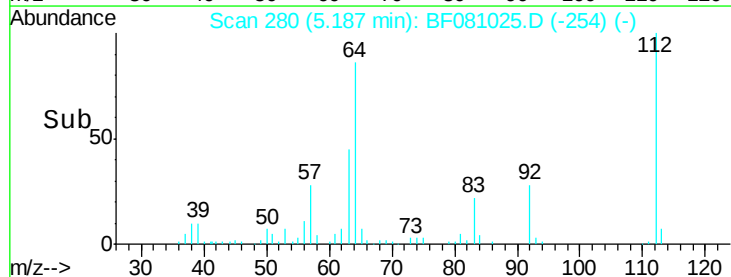
63 45.0 38.1 57.1



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: 30.43 ng

RT: 6.26 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF081025.D

Acq: 18 Aug 2015 2:42

Instrument :

BNA_F

ClientSampleId :

SB-1(0-9)

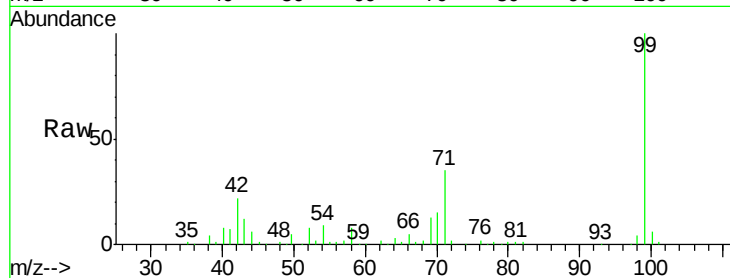
Tot Ion: 99 Resp: 147731

Ion Ratio Lower Upper

99 100

42 22.0 19.6 29.4

71 34.9 31.2 46.8



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

200000

150000

100000

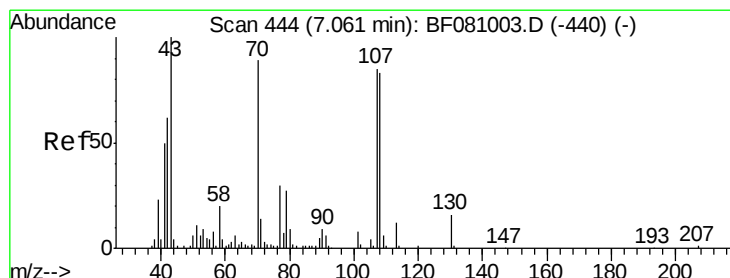
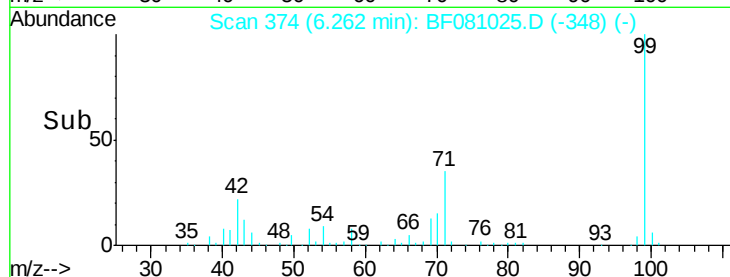
50000

0

6.26

6.20 6.25 6.30 6.35

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 3.63 ng

RT: 7.19 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF081025.D

Acq: 18 Aug 2015 2:42

Tgt Ion: 70 Resp: 12222

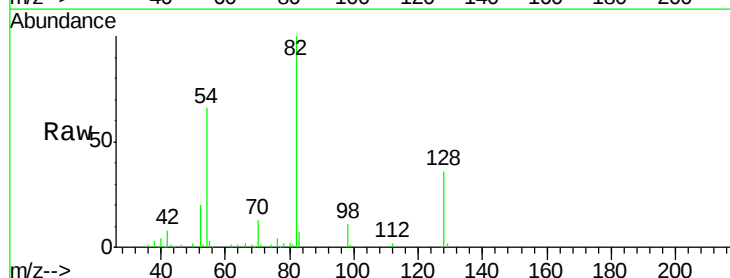
Ion Ratio Lower Upper

70 100

42 61.2 65.0 97.4#

101 0.0 7.4 11.2#

130 0.0 13.0 19.4#



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

20000

15000

10000

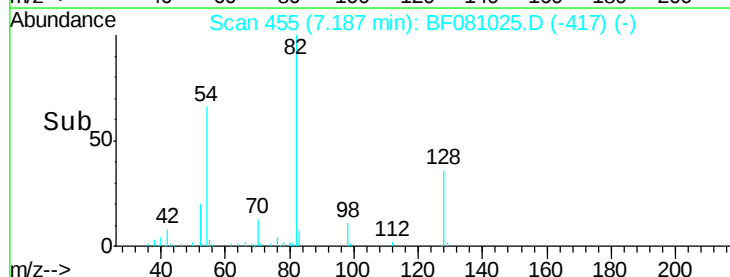
5000

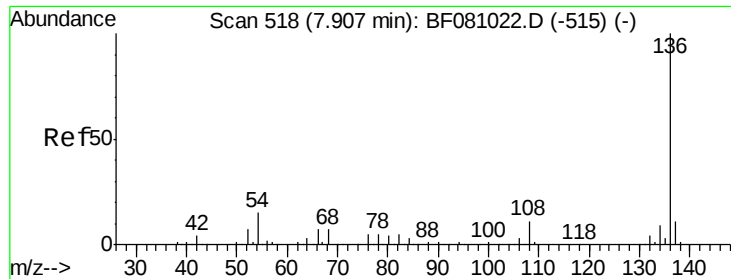
0

7.19

7.15 7.20

Time-->

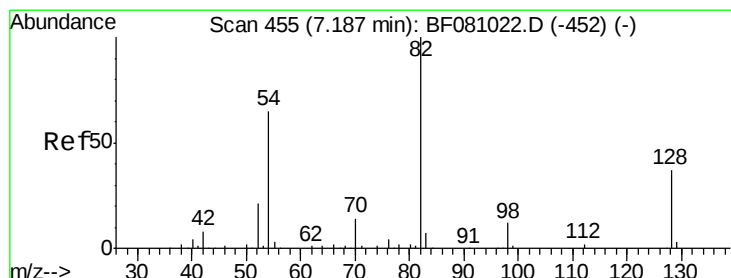
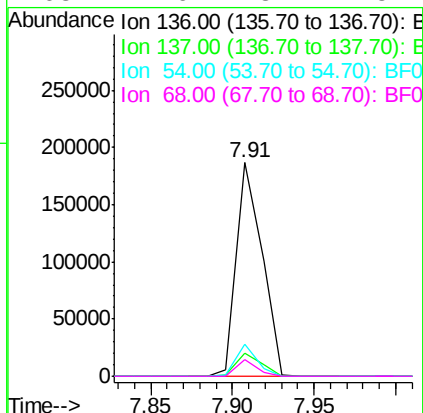
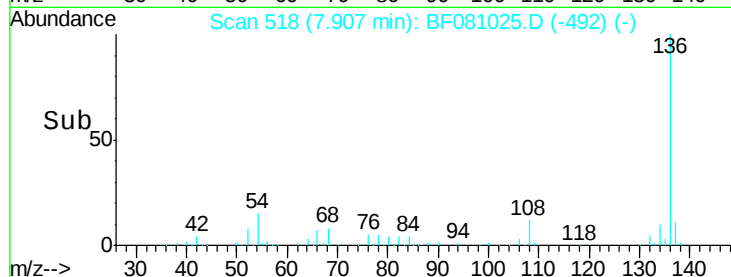
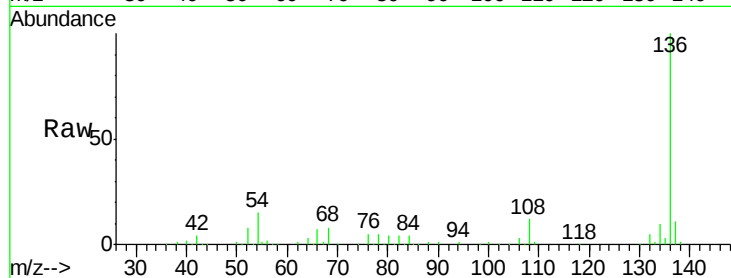




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF081025.D
Acq: 18 Aug 2015 2:42

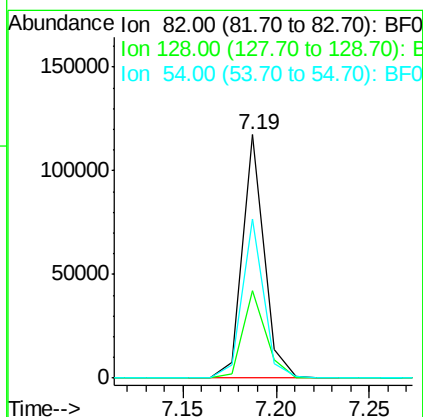
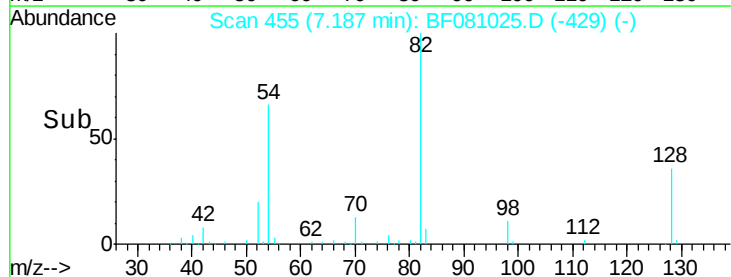
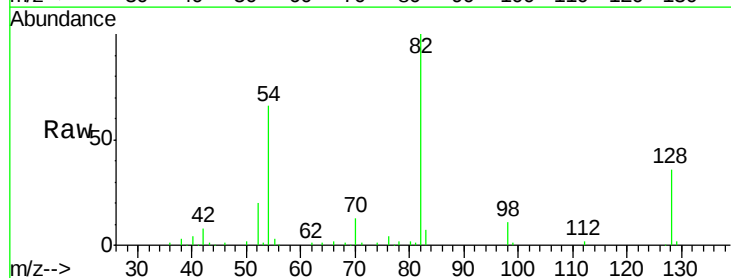
Instrument :
BNA_F
ClientSampled :
SB-1(0-9)

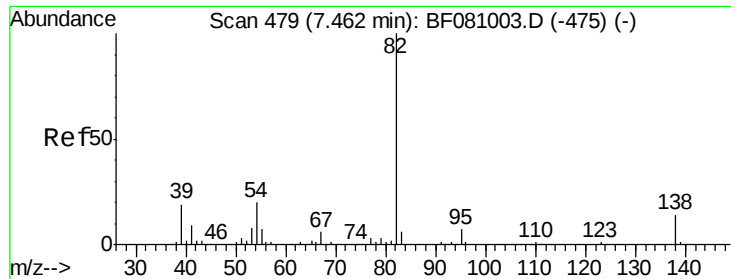
Tot Ion:136	Resp:	201983
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.2 12.2
54	15.2	7.7 11.5#
68	7.6	3.4 5.2#



#23
Nitrobenzene-d5
Concen: 21.69 ng
RT: 7.19 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF081025.D
Acq: 18 Aug 2015 2:42

Tgt Ion: 82	Resp:	95904
Ion Ratio	Lower	Upper
82	100	
128	35.8	28.6 42.8
54	65.6	55.1 82.7





#25

Isophorone

Concen: 10.99 ng

RT: 7.19 min Scan# 455

Delta R.T. -0.26 min

Lab File: BF081025.D

Acq: 18 Aug 2015 2:42

Instrument :

BNA_F

ClientSampleId :

SB-1(0-9)

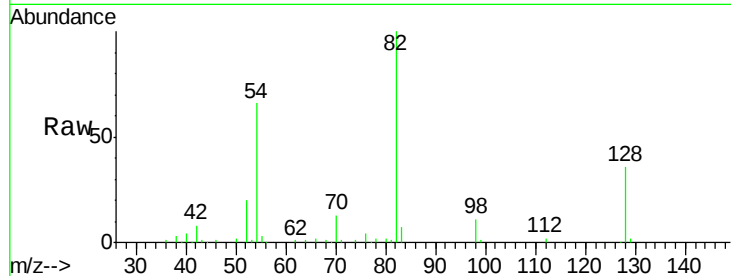
Tot Ion: 82 Resp: 90635

Ion Ratio Lower Upper

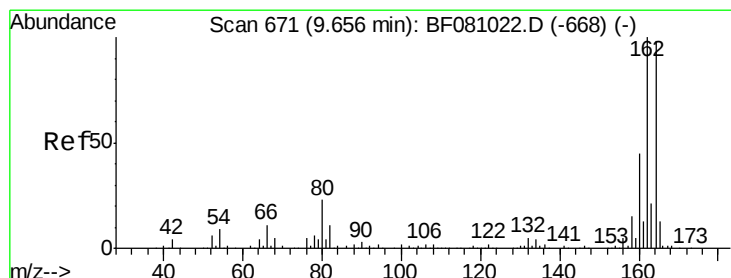
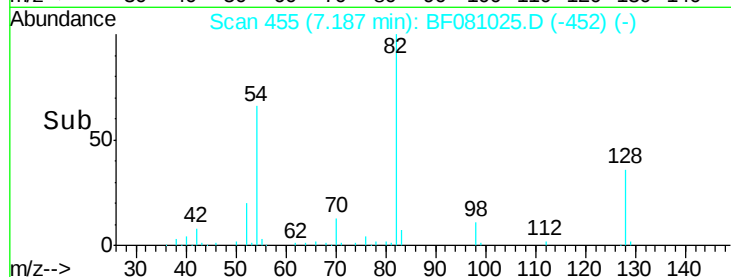
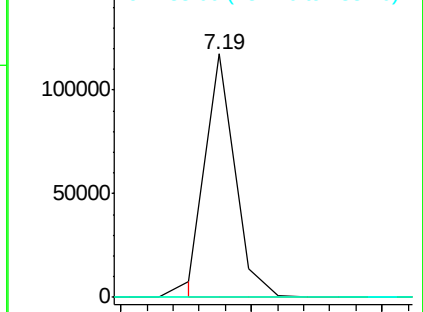
82 100

95 0.0 6.2 9.2#

138 0.0 10.5 15.7#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF081025.D

Acq: 18 Aug 2015 2:42

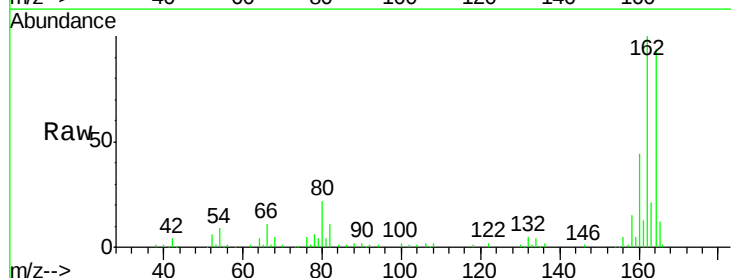
Tgt Ion: 164 Resp: 94585

Ion Ratio Lower Upper

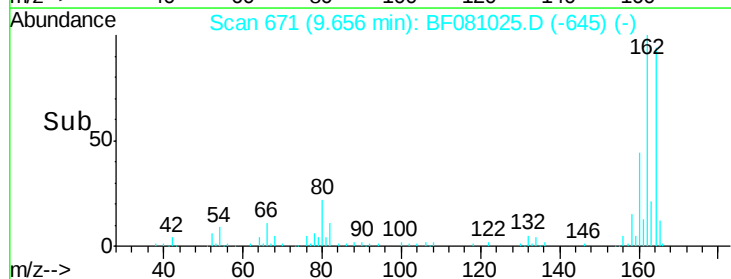
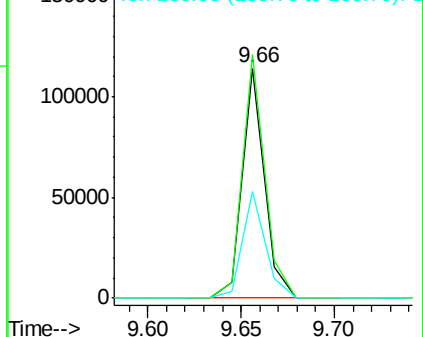
164 100

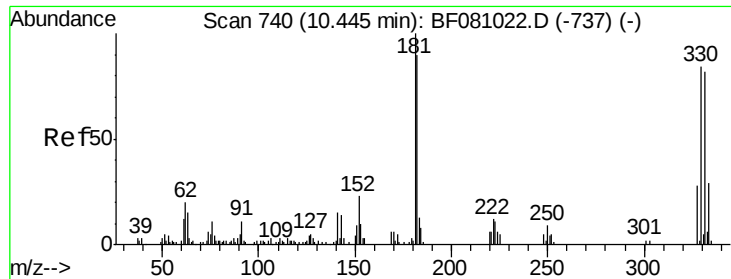
162 106.0 83.8 125.8

160 46.3 39.8 59.8



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: 24.72 ng

RT: 10.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF081025.D

Acq: 18 Aug 2015 2:42

Instrument :

BNA_F

ClientSampleId :

SB-1(0-9)

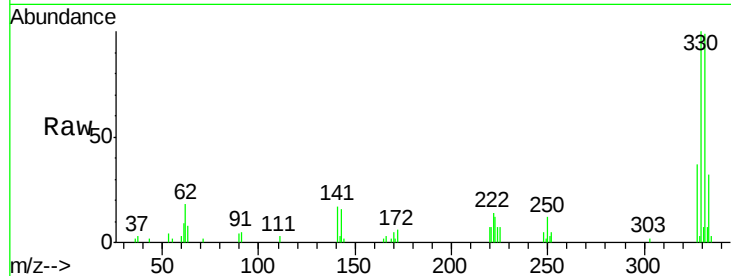
Tot Ion:330 Resp: 20270

Ion Ratio Lower Upper

330 100

332 98.1 77.3 115.9

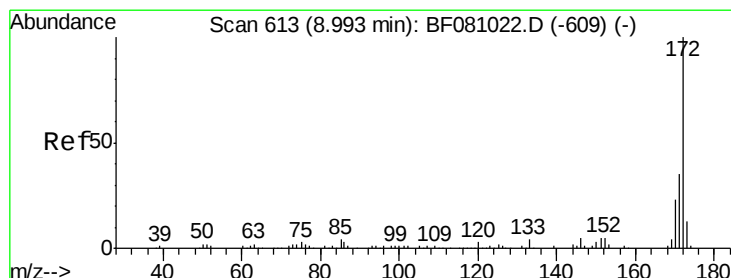
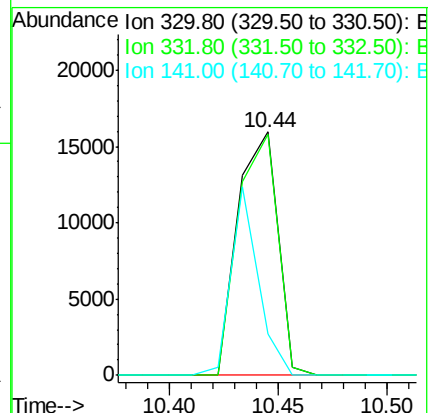
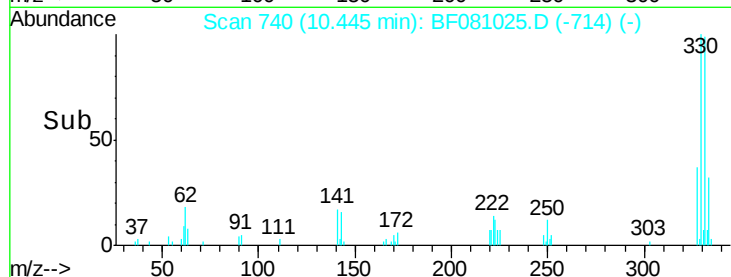
141 52.8 44.9 67.3



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: 17.94 ng

RT: 8.99 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF081025.D

Acq: 18 Aug 2015 2:42

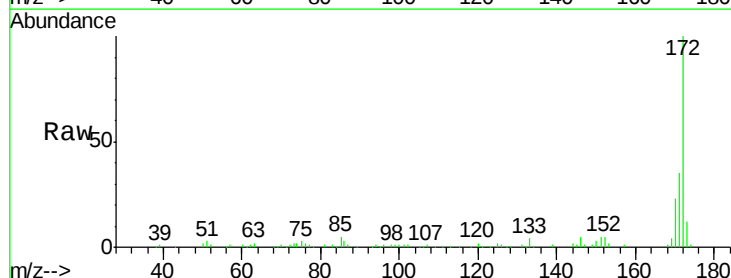
Tgt Ion:172 Resp: 129481

Ion Ratio Lower Upper

172 100

171 34.9 28.9 43.3

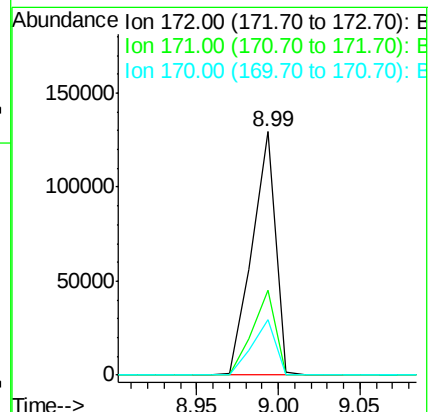
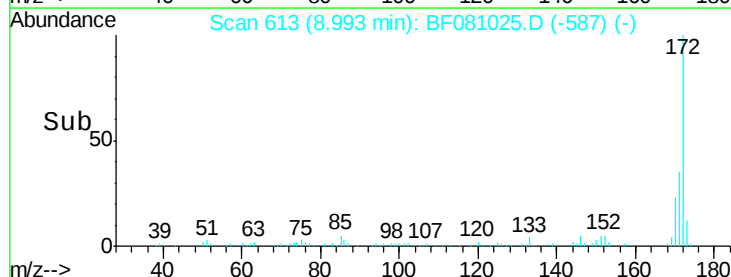
170 22.8 19.4 29.2

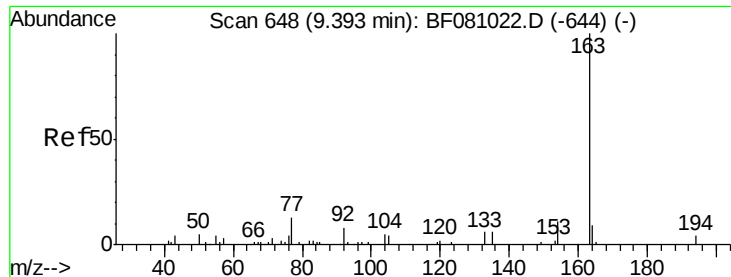


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

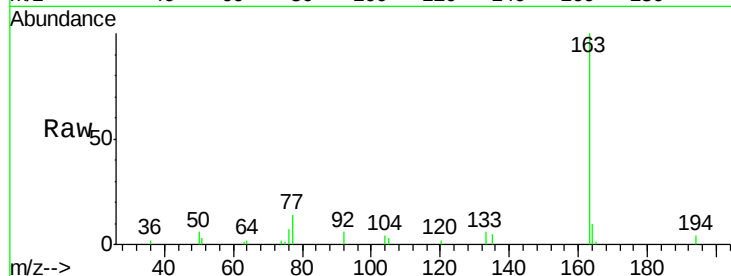




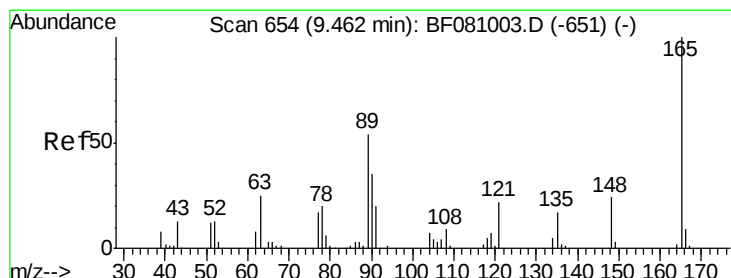
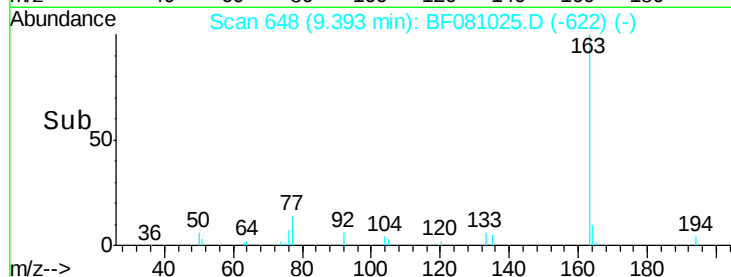
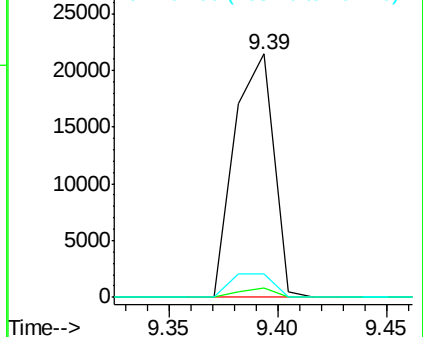
#49
Dimethylphthalate
Concen: 3.43 ng
RT: 9.39 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF081025.D
Acq: 18 Aug 2015 2:42

Instrument :
BNA_F
ClientSampleId :
SB-1(0-9)

Tot Ion:163 Resp: 26752
Ion Ratio Lower Upper
163 100
194 3.7 2.5 3.7
164 9.6 8.1 12.1

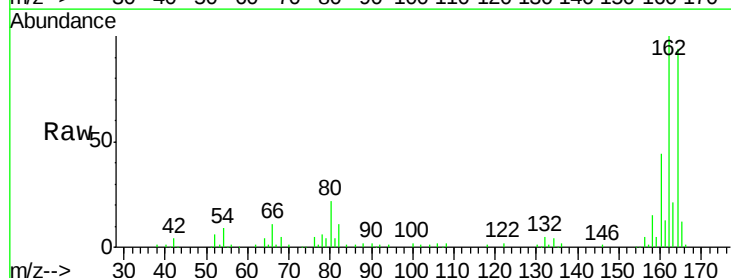


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

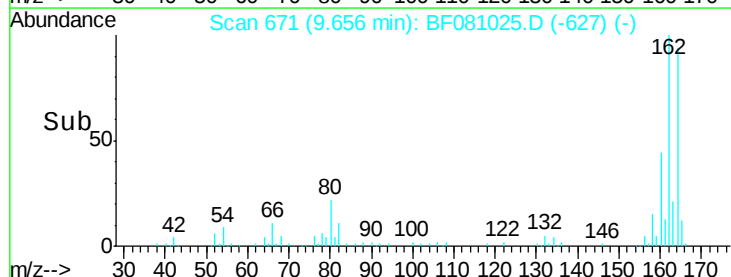
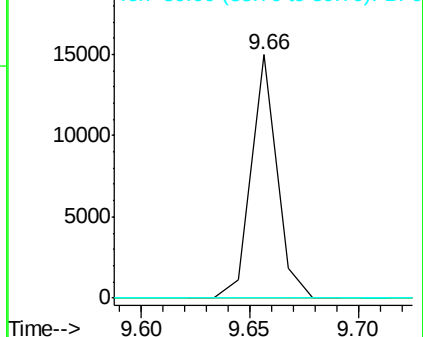


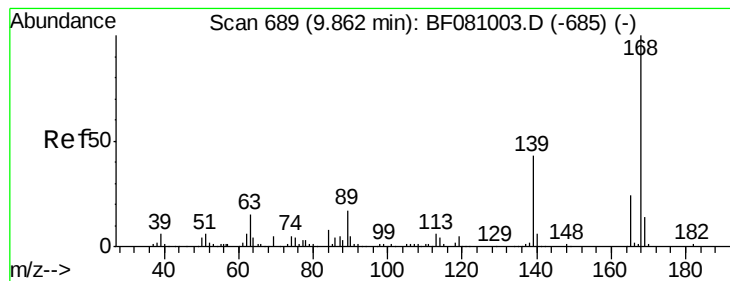
#50
2,6-Dinitrotoluene
Concen: 7.37 ng
RT: 9.66 min Scan# 671
Delta R.T. 0.21 min
Lab File: BF081025.D
Acq: 18 Aug 2015 2:42

Tgt Ion:165 Resp: 12325
Ion Ratio Lower Upper
165 100
63 0.0 49.5 74.3#
89 0.0 47.6 71.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

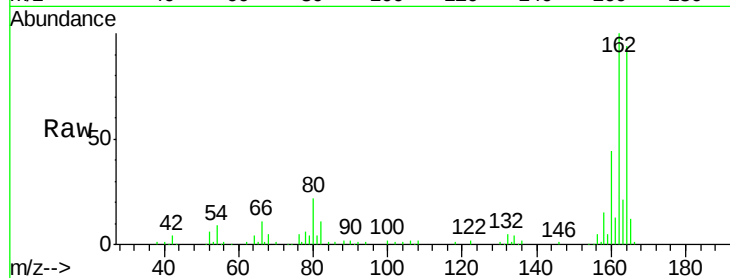




#56
 2,4-Dinitrotoluene
 Concen: 5.56 ng
 RT: 9.66 min Scan# 671
 Delta R.T. -0.19 min
 Lab File: BF081025.D
 Acq: 18 Aug 2015 2:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(0-9)

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#

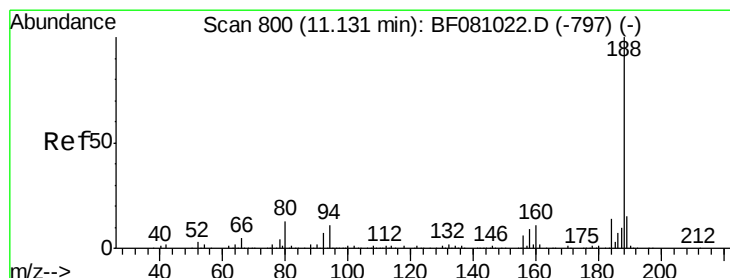
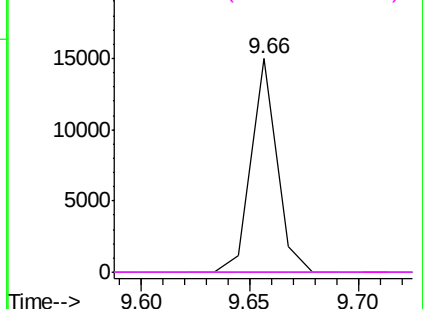
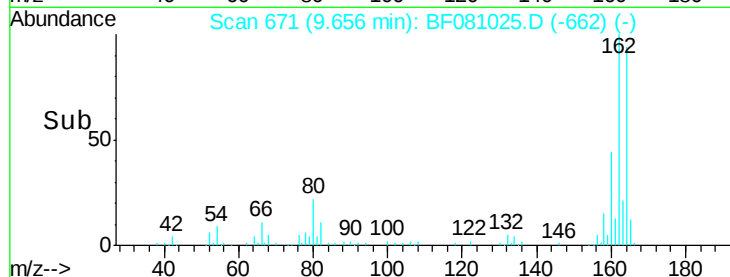


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

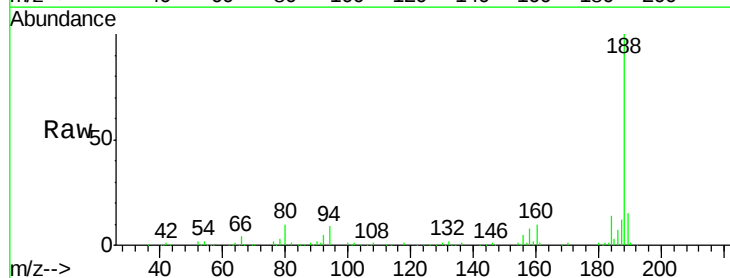
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF081025.D
 Acq: 18 Aug 2015 2:42

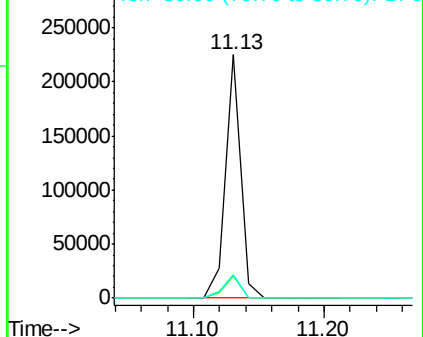
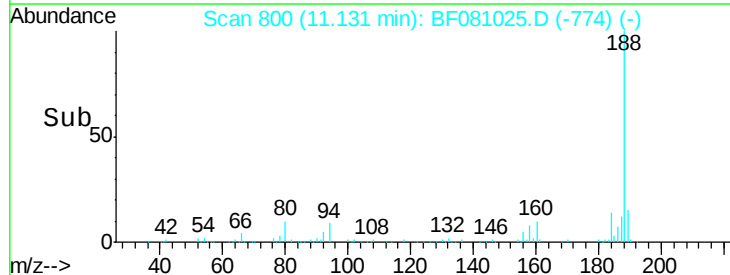
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	9.8	9.5	14.3

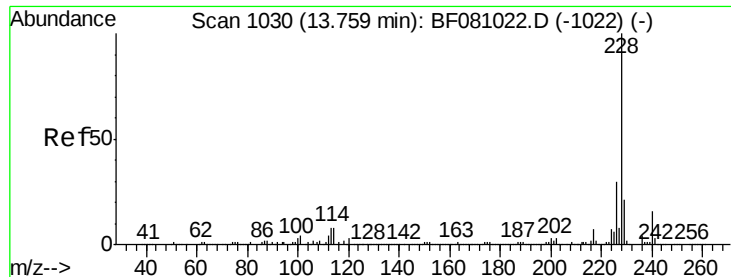


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF081025.D

Acq: 18 Aug 2015 2:42

Instrument :

BNA_F

ClientSampleId :

SB-1(0-9)

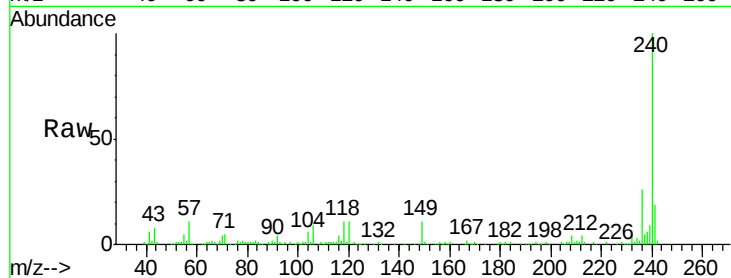
Tot Ion:240 Resp: 124996

Ion Ratio Lower Upper

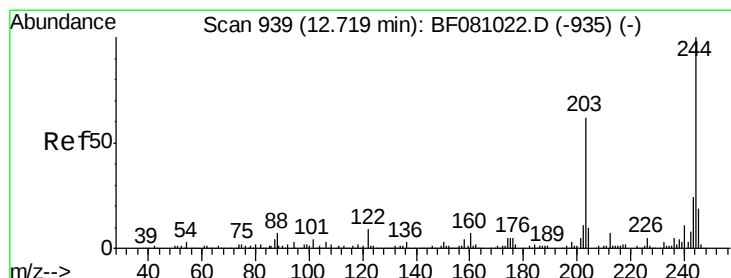
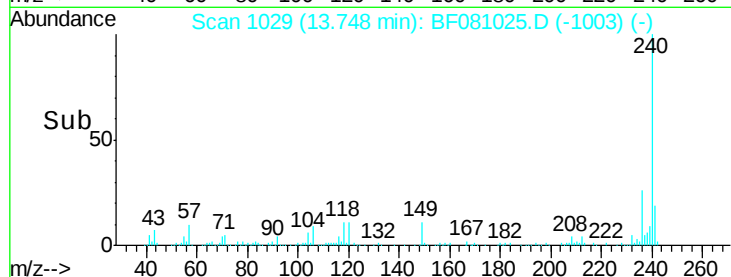
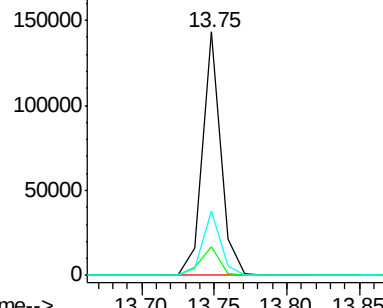
240 100

120 11.5 5.6 8.4#

236 26.4 20.6 30.8



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: 12.36 ng

RT: 12.71 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF081025.D

Acq: 18 Aug 2015 2:42

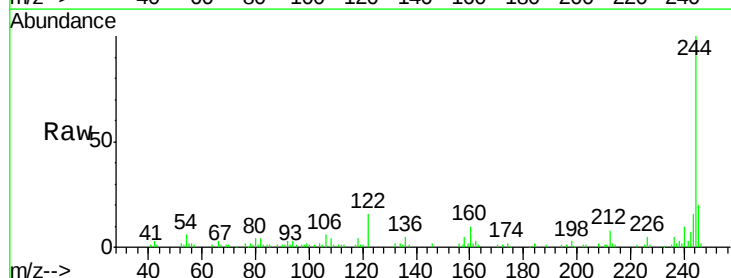
Tgt Ion:244 Resp: 72086

Ion Ratio Lower Upper

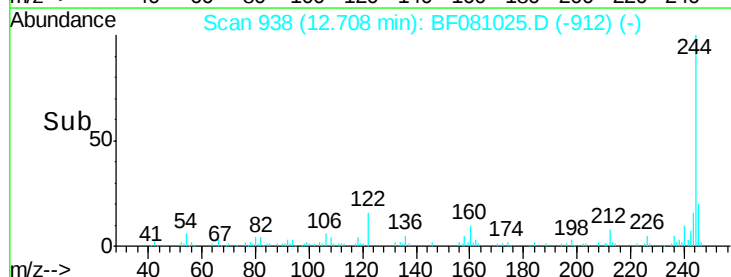
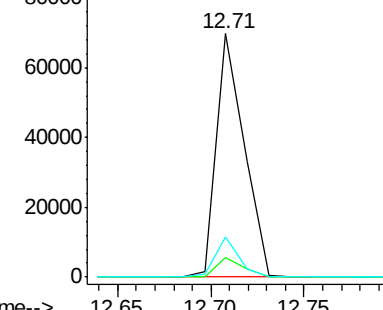
244 100

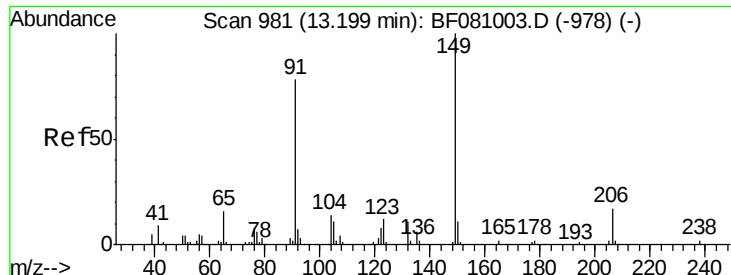
212 8.0 5.8 8.8

122 16.3 8.2 12.4#



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

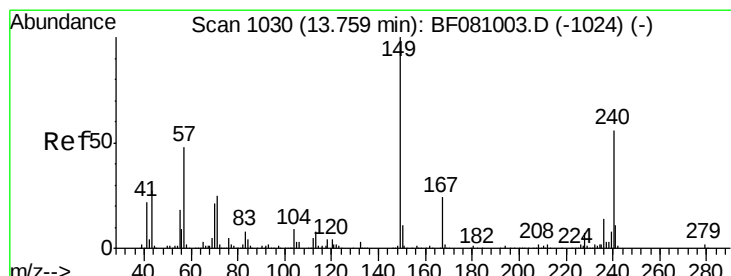
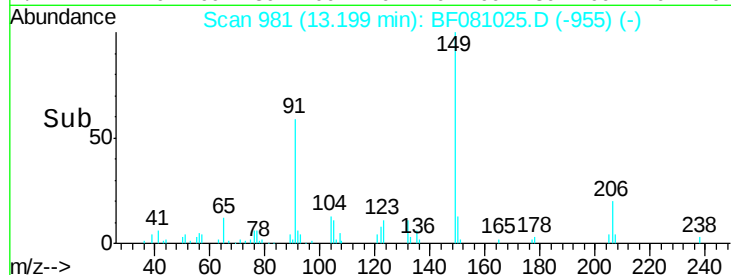
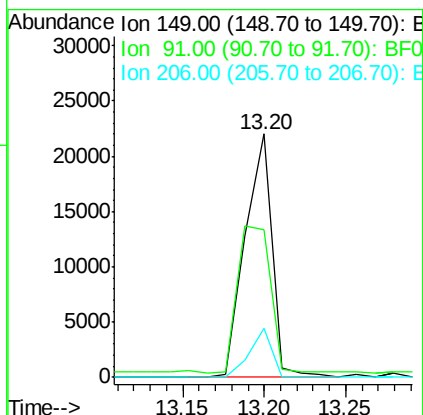
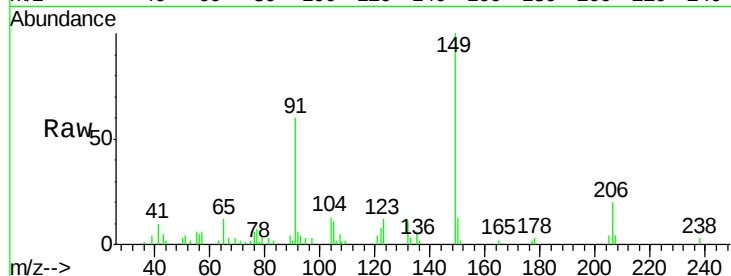




#79
Butylbenzylphthalate
Concen: 5.75 ng
RT: 13.20 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF081025.D
Acq: 18 Aug 2015 2:42

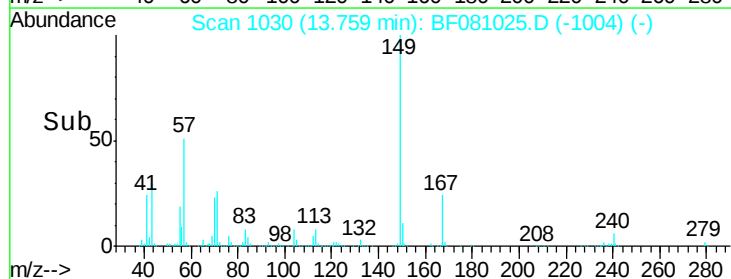
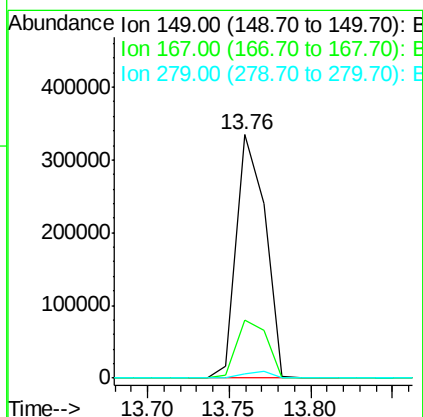
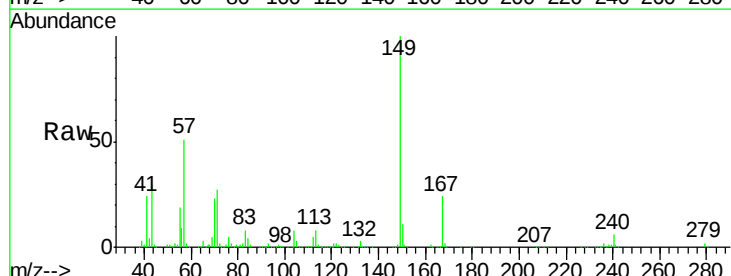
Instrument :
BNA_F
ClientSampleId :
SB-1(0-9)

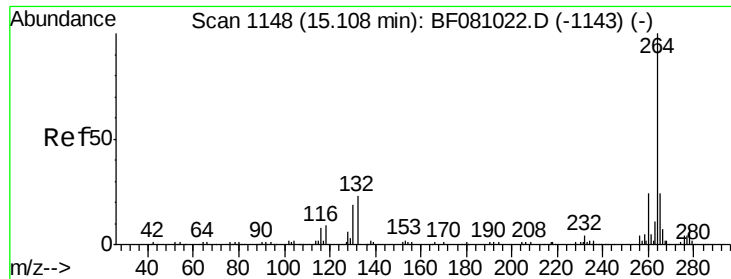
Tot Ion:149 Resp: 25094
Ion Ratio Lower Upper
149 100
91 60.4 46.9 70.3
206 20.2 17.0 25.4



#83
Bis(2-ethylhexyl)phthalate
Concen: 72.61 ng
RT: 13.76 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF081025.D
Acq: 18 Aug 2015 2:42

Tgt Ion:149 Resp: 406243
Ion Ratio Lower Upper
149 100
167 23.7 20.7 31.1
279 1.5 2.2 3.4#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF081025.D
Acq: 18 Aug 2015 2:42

Instrument :
BNA_F
ClientSampleId :
SB-1(0-9)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.6	29.4
265	22.3	17.5	26.3

