

Data Path : Z:\HPCHEM1\BNA F\Data\BF112015\
 Data File : BF083096.D
 Acq On : 21 Nov 2015 1:06
 Operator : UM/IZ
 Sample : G4488-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 01:31:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

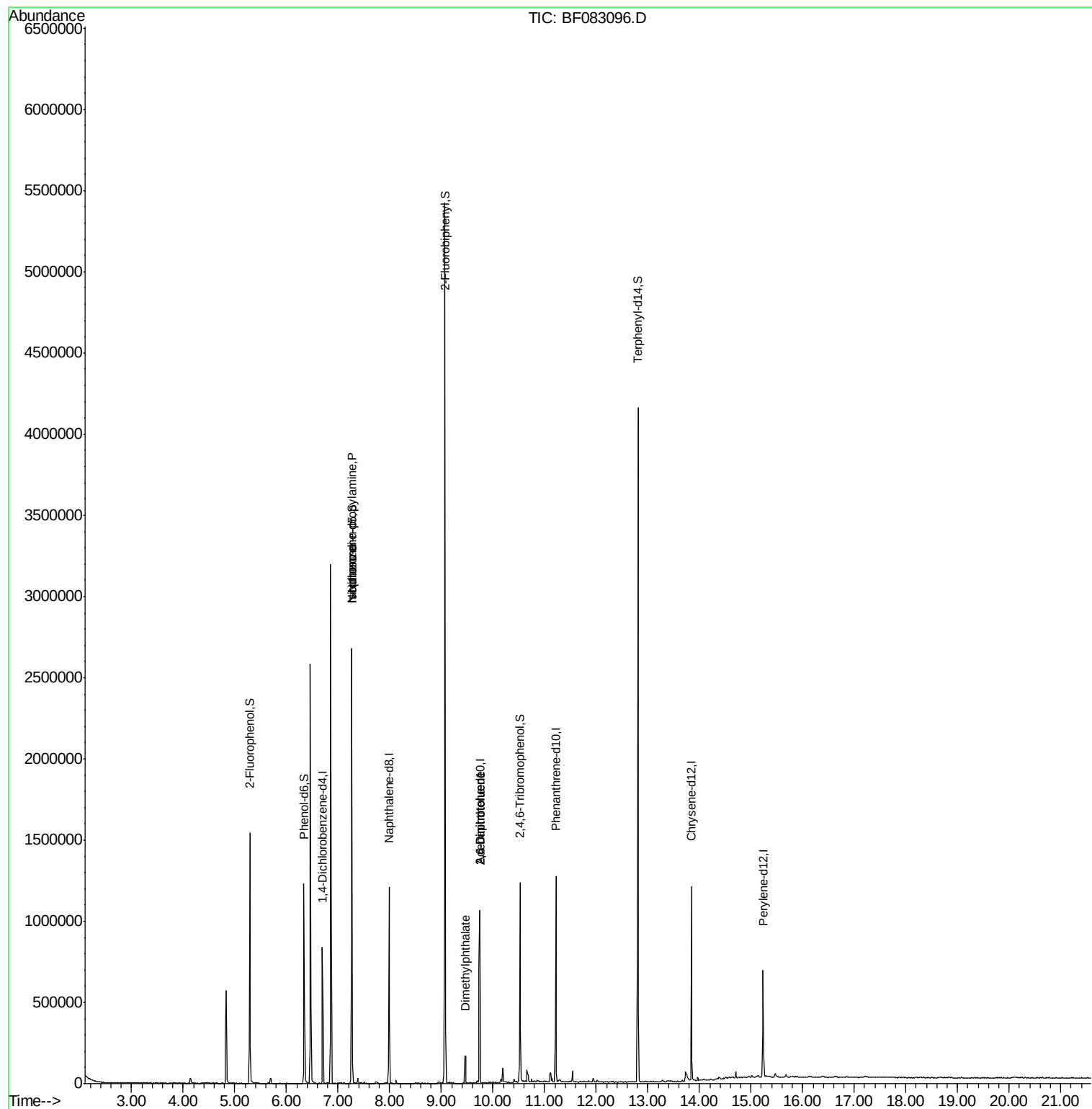
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	151228	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	564374	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	271252	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	451214	20.00	ng	0.00
75) Chrysene-d12	13.85	240	397399	20.00	ng	-0.01
86) Perylene-d12	15.23	264	294981	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	398068	40.88	ng	0.00
7) Phenol-d6	6.34	99	332873	25.96	ng	-0.01
23) Nitrobenzene-d5	7.26	82	904975	73.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	134460	46.69	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1552046	77.06	ng	-0.01
78) Terphenyl-d14	12.81	244	1180248	70.11	ng	0.00
Target Compounds						
9) Benzaldehyde	6.34	77	653	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	7.26	70	123466	13.17	ng	# 75
25) Isophorone	7.26	82	686555	29.53	ng	# 69
49) Dimethylphthalate	9.47	163	109024	4.88	ng	# 97
50) 2,6-Dinitrotoluene	9.74	165	34292	7.13	ng	# 27
56) 2,4-Dinitrotoluene	9.74	165	34292	5.32	ng	# 19

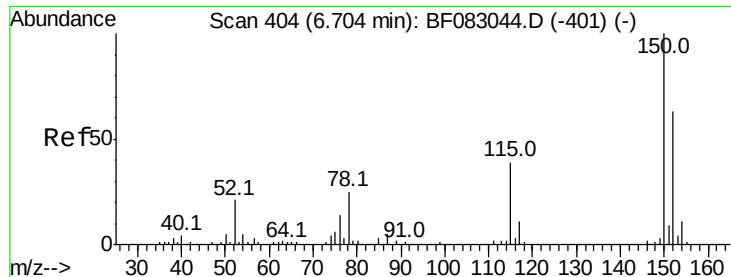
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF112015\
Data File : BF083096.D
Acq On : 21 Nov 2015 1:06
Operator : UM/IZ
Sample : G4488-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 21 01:31:13 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 01:33:39 2015
Response via : Initial Calibration



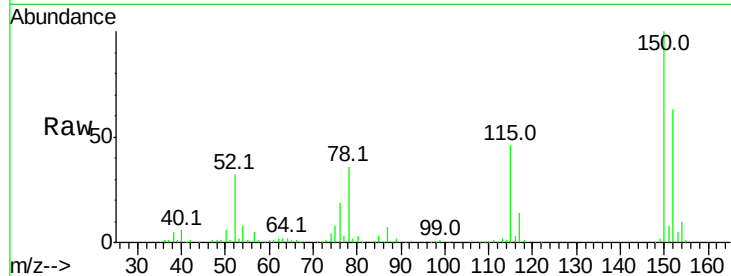


#1

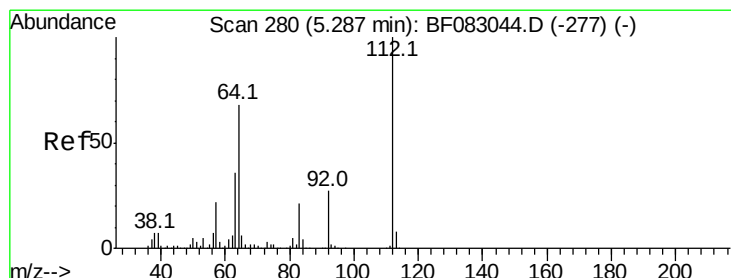
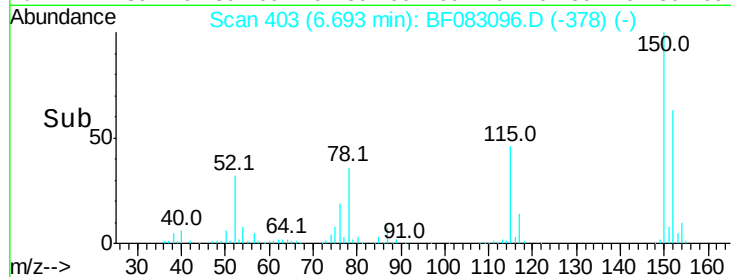
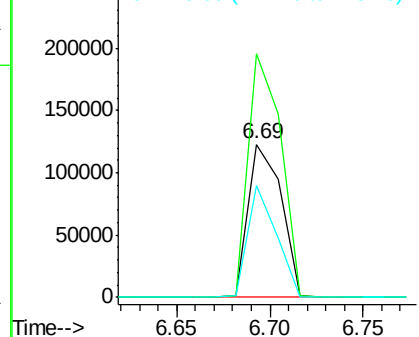
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF083096.D
Acq: 21 Nov 2015 1:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 151228
Ion Ratio Lower Upper
152 100
150 159.0 126.4 189.6
115 72.8 49.0 73.6



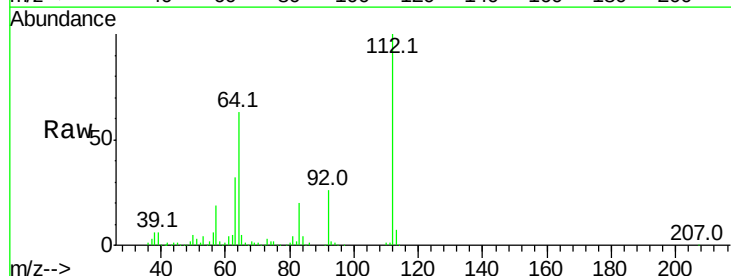
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



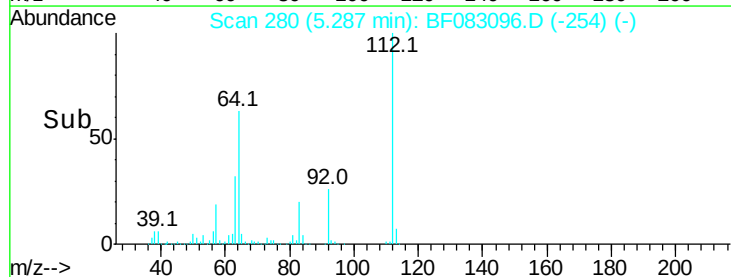
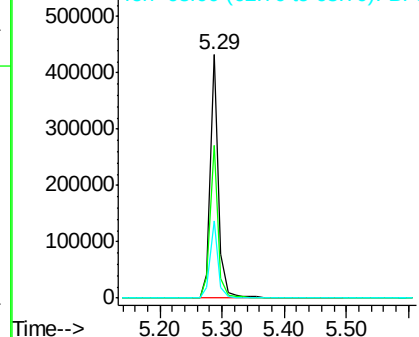
#5

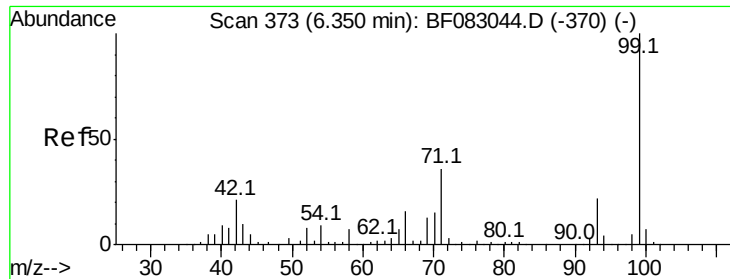
2-Fluorophenol
Concen: 40.88 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: BF083096.D
Acq: 21 Nov 2015 1:06

Tgt Ion:112 Resp: 398068
Ion Ratio Lower Upper
112 100
64 62.7 54.8 82.2
63 31.6 29.0 43.4



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: 25.96 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF083096.D

Acq: 21 Nov 2015 1:06

Instrument :

BNA_F

ClientSampleId :

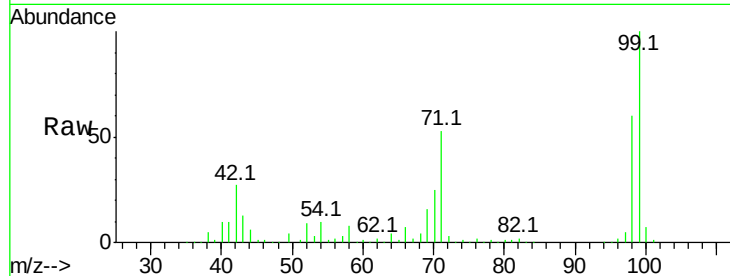
Tot Ion: 99 Resp: 332873

Ion Ratio Lower Upper

99 100

42 27.4 16.6 25.0#

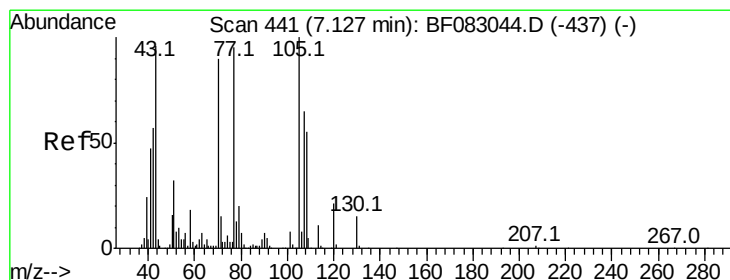
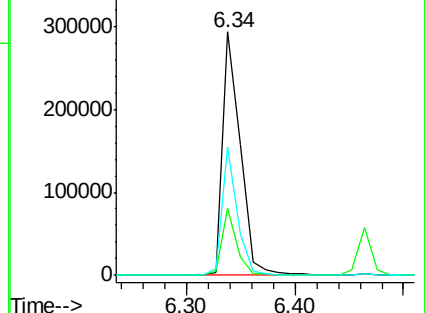
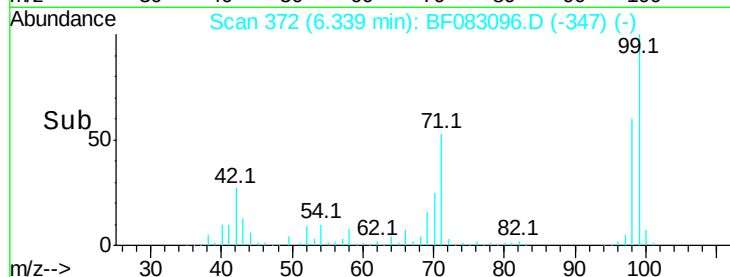
71 52.8 29.2 43.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.17 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.14 min

Lab File: BF083096.D

Acq: 21 Nov 2015 1:06

Tgt Ion: 70 Resp: 123466

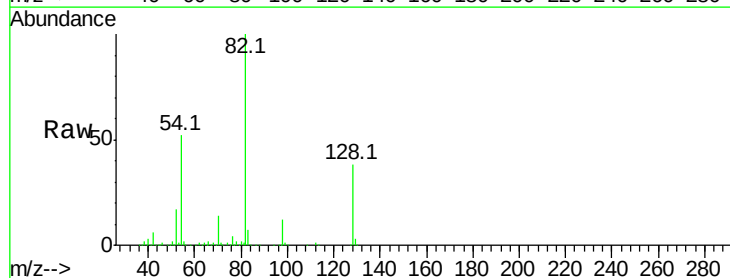
Ion Ratio Lower Upper

70 100

42 45.0 50.2 75.2#

101 0.0 6.8 10.2#

130 1.8 12.9 19.3#

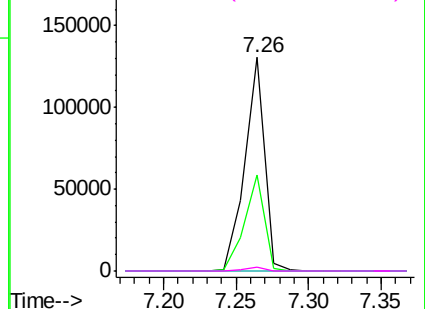
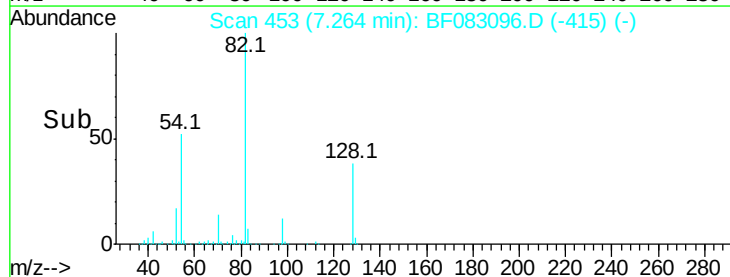


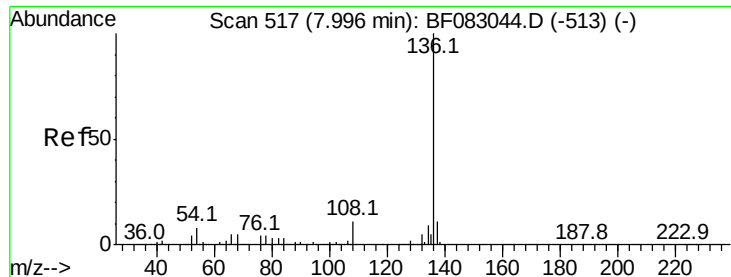
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

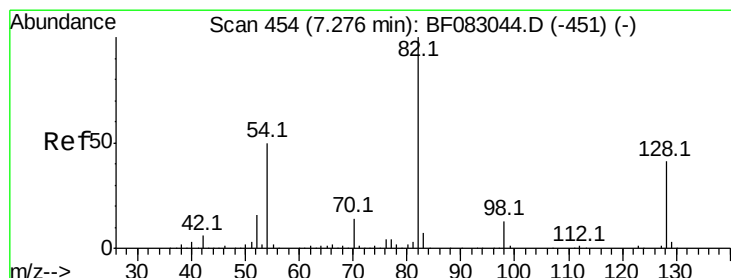
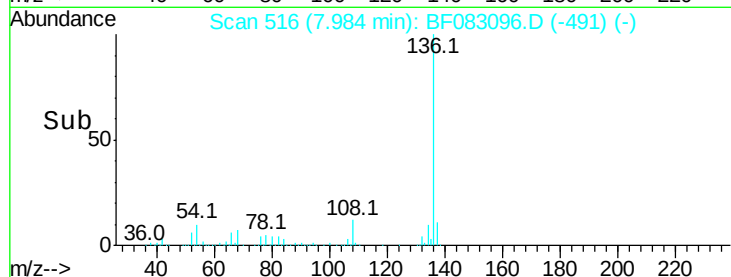
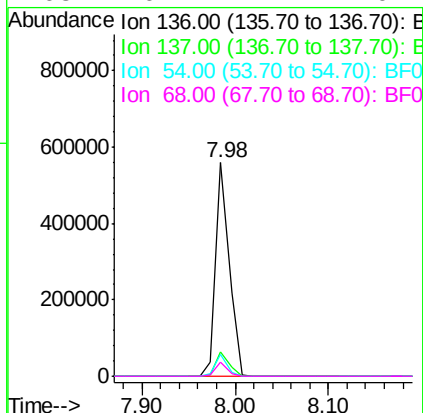
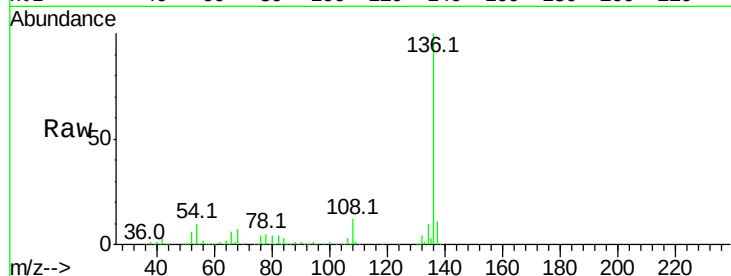




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083096.D
Acq: 21 Nov 2015 1:06

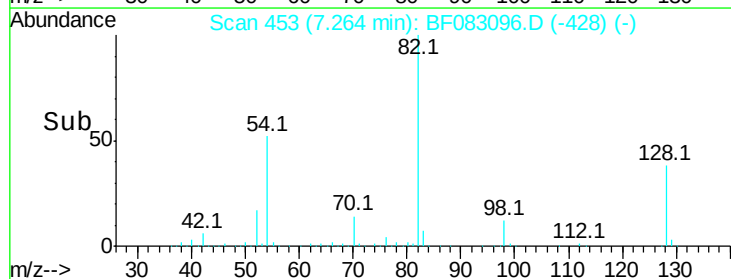
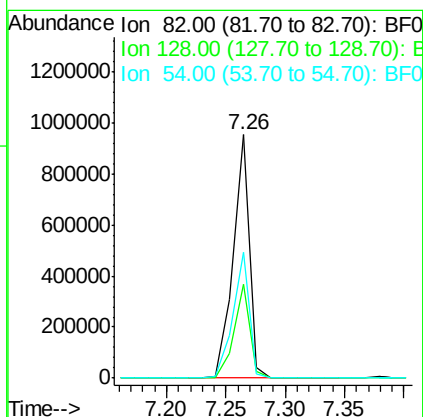
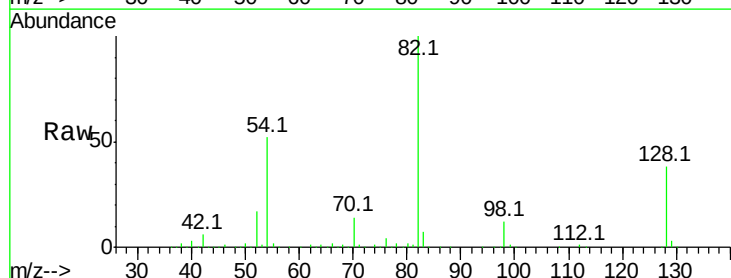
Instrument :
BNA_F
ClientSampleId :

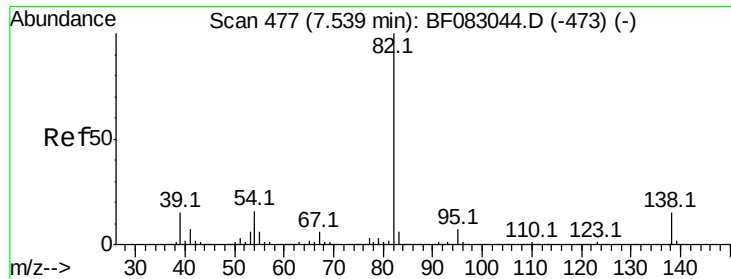
Tot Ion:136	Resp: 564374
Ion Ratio	Lower Upper
136 100	
137 11.3	8.6 12.8
54 10.1	6.2 9.2#
68 6.7	4.2 6.2#



#23
Nitrobenzene-d5
Concen: 73.41 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083096.D
Acq: 21 Nov 2015 1:06

Tgt Ion: 82	Resp: 904975
Ion Ratio	Lower Upper
82 100	
128 38.3	33.1 49.7
54 51.7	39.8 59.6





#25

Isophorone

Concen: 29.53 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.27 min

Lab File: BF083096.D

Acq: 21 Nov 2015 1:06

Instrument :

BNA_F

ClientSampleId :

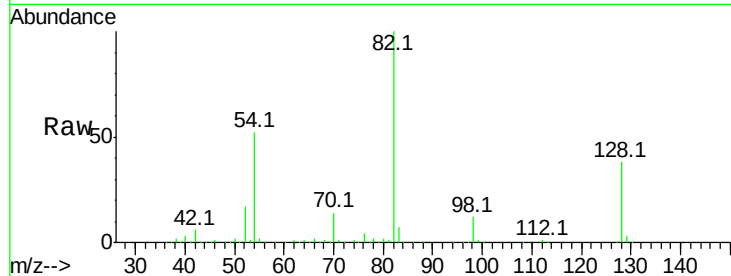
Tot Ion: 82 Resp: 686555

Ion Ratio Lower Upper

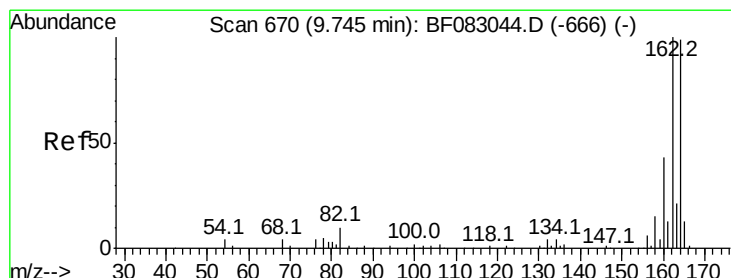
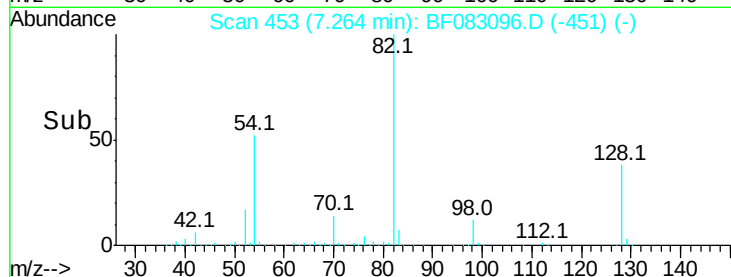
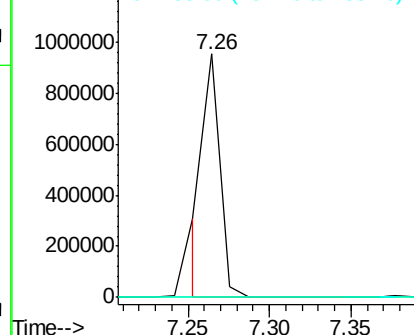
82 100

95 0.0 5.7 8.5#

138 0.0 12.2 18.4#



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: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083096.D

Acq: 21 Nov 2015 1:06

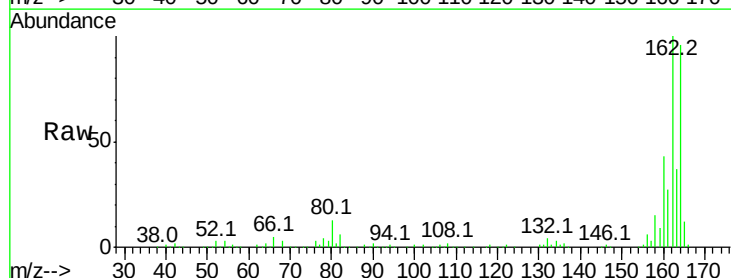
Tgt Ion:164 Resp: 271252

Ion Ratio Lower Upper

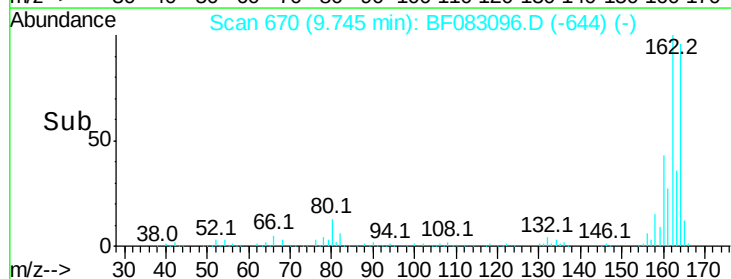
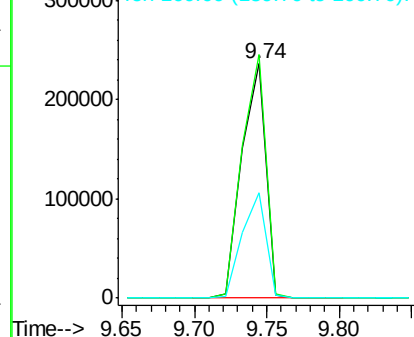
164 100

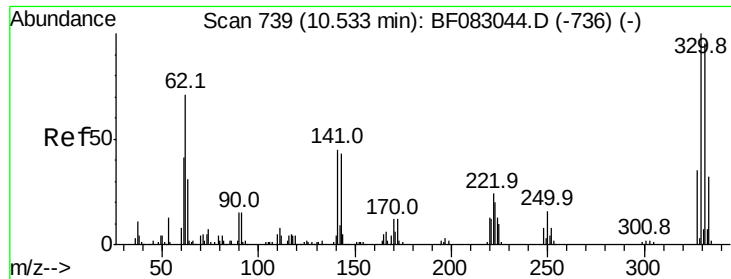
162 104.0 80.5 120.7

160 45.0 35.0 52.4



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

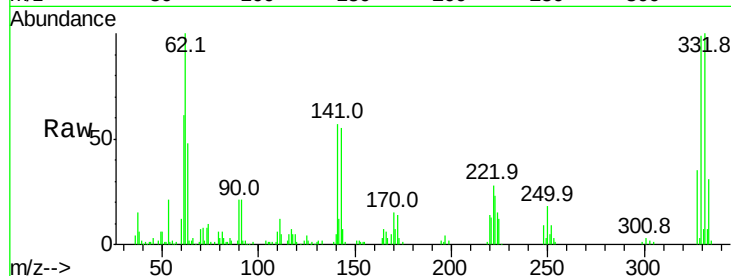




#41
 2,4,6-Tribromophenol
 Concen: 46.69 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF083096.D
 Acq: 21 Nov 2015 1:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.6	116.4
141	39.7	34.6	52.0

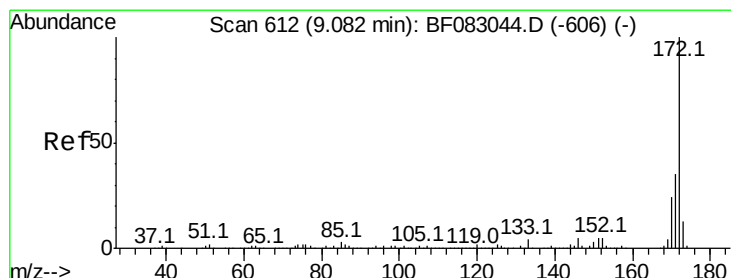
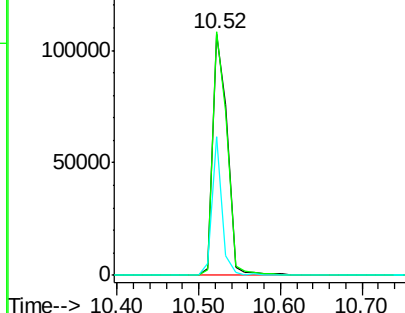
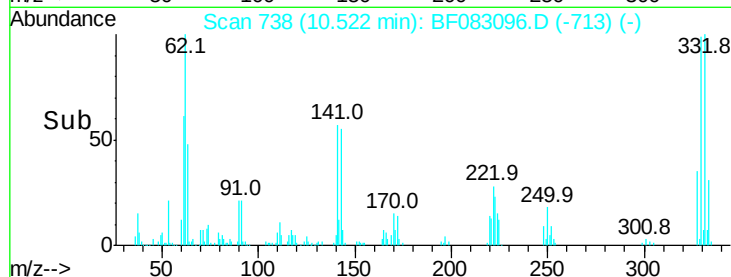


Abundance

Ion 329.80 (329.50 to 330.50): E

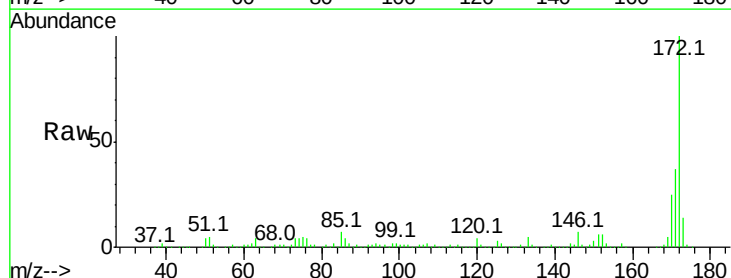
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.06 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083096.D
 Acq: 21 Nov 2015 1:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.2	42.4
170	25.4	19.4	29.0

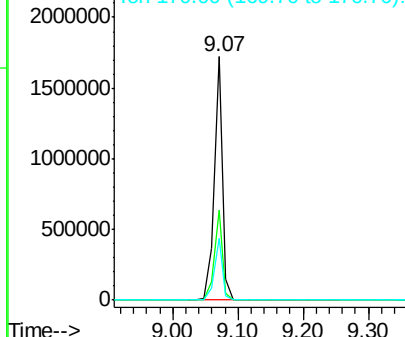
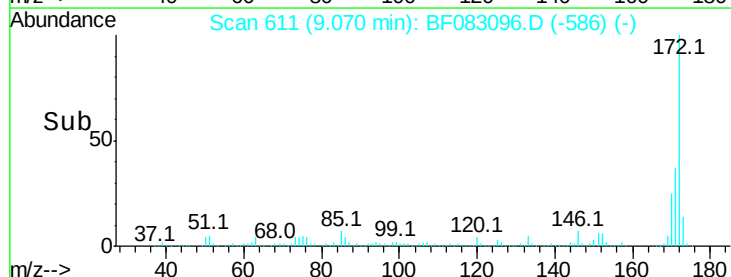


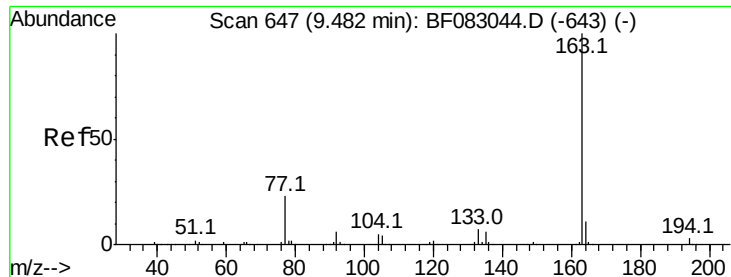
Abundance

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: 4.88 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF083096.D

Acq: 21 Nov 2015 1:06

Instrument :

BNA_F

ClientSampleId :

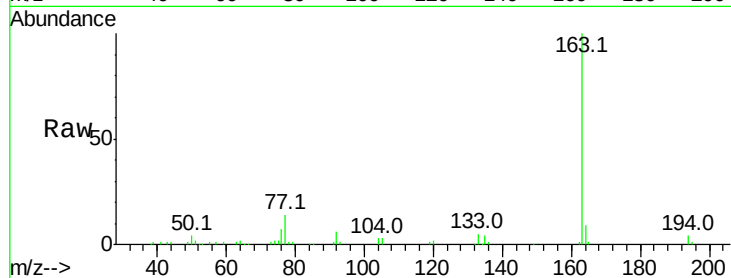
Tot Ion:163 Resp: 109024

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

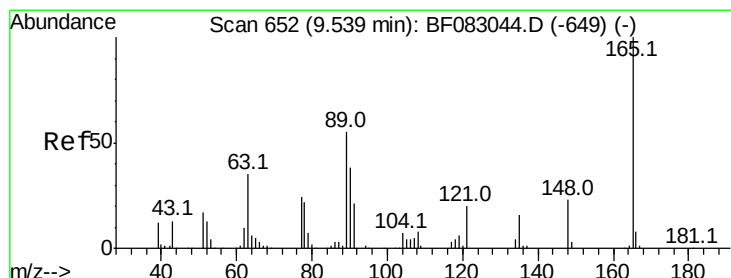
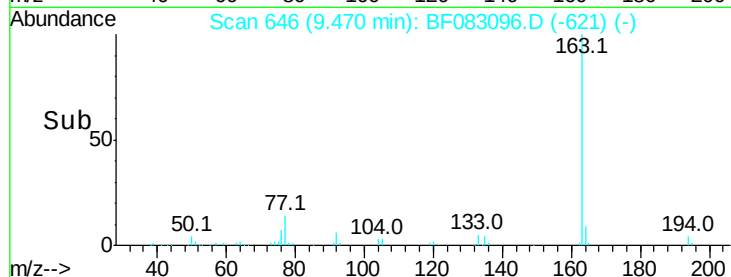
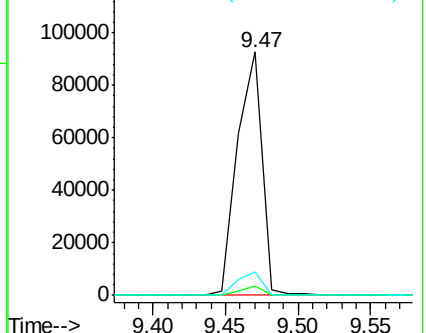
164 9.5 8.5 12.7



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: 7.13 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.21 min

Lab File: BF083096.D

Acq: 21 Nov 2015 1:06

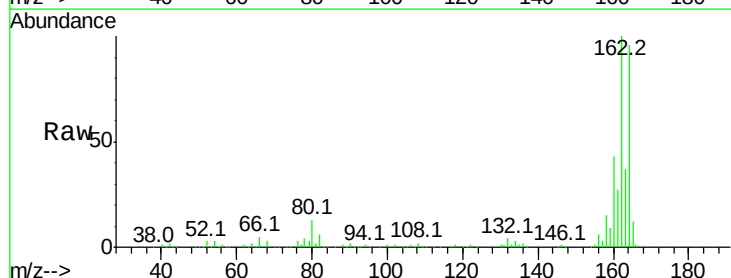
Tgt Ion:165 Resp: 34292

Ion Ratio Lower Upper

165 100

63 1.3 40.6 61.0#

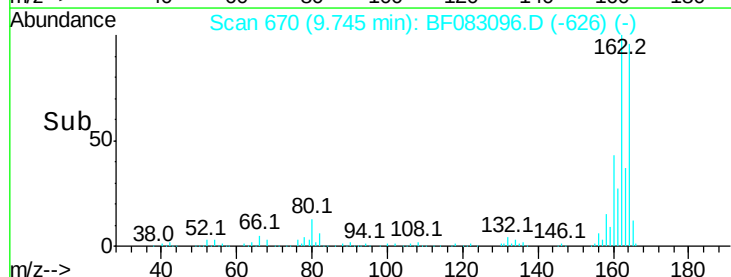
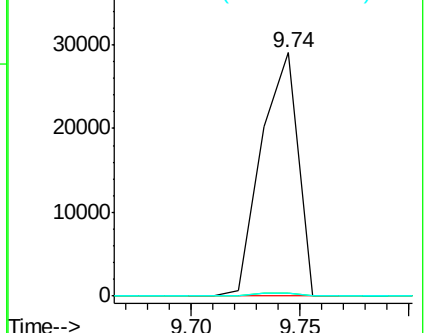
89 1.5 44.5 66.7#

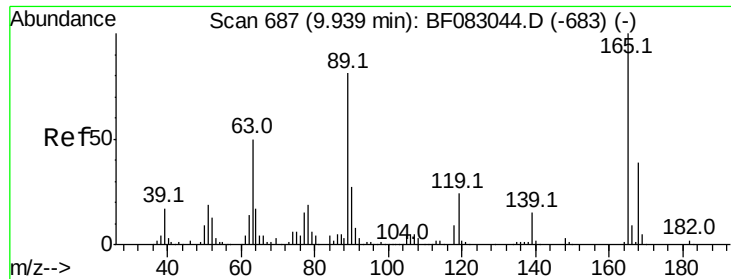


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

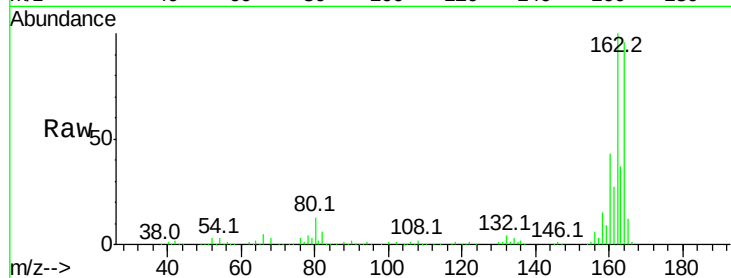




#56
 2,4-Dinitrotoluene
 Concen: 5.32 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.19 min
 Lab File: BF083096.D
 Acq: 21 Nov 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.6	61.0#
89	1.5	64.4	96.6#
182	0.0	1.6	2.4#

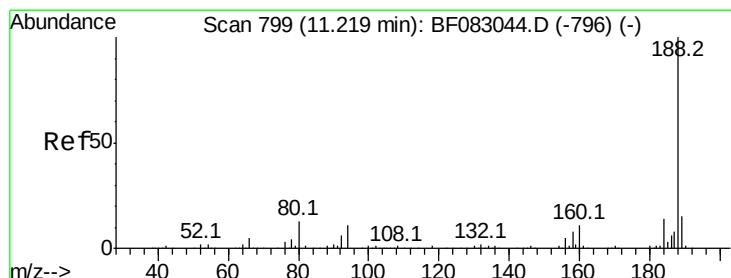
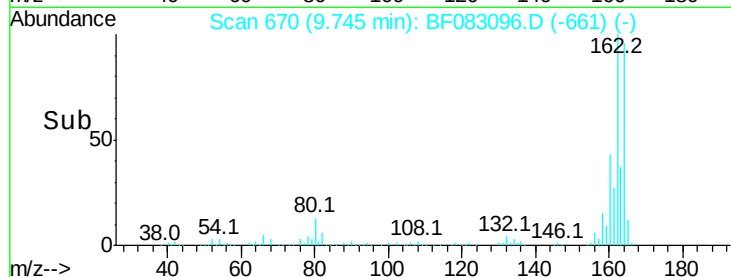
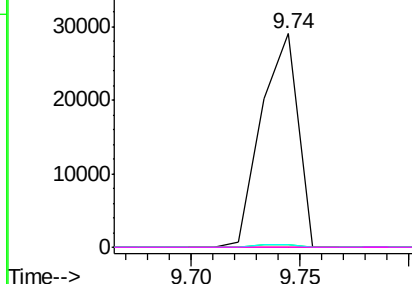


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

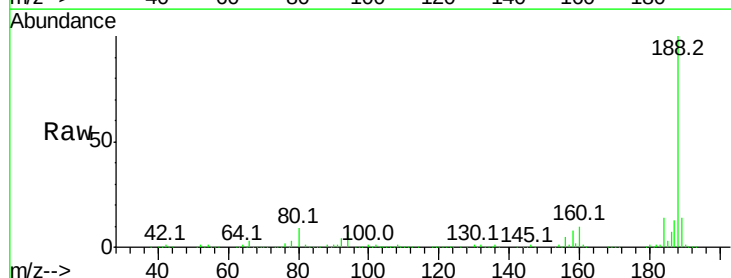
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF083096.D
 Acq: 21 Nov 2015 1:06

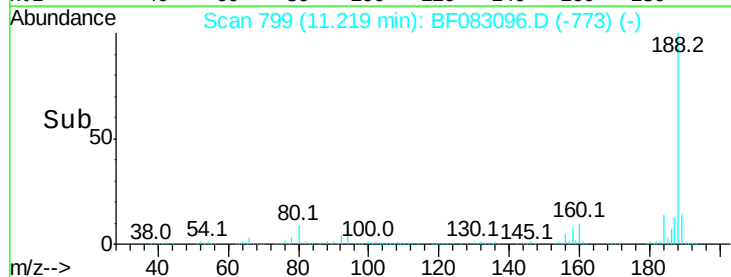
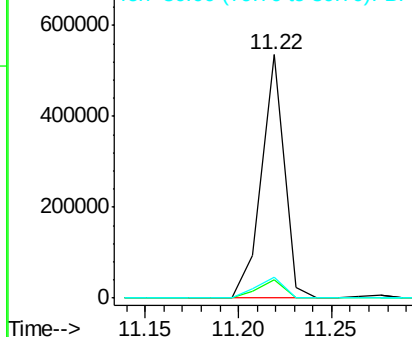
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.0	13.4#
80	8.6	10.2	15.4#

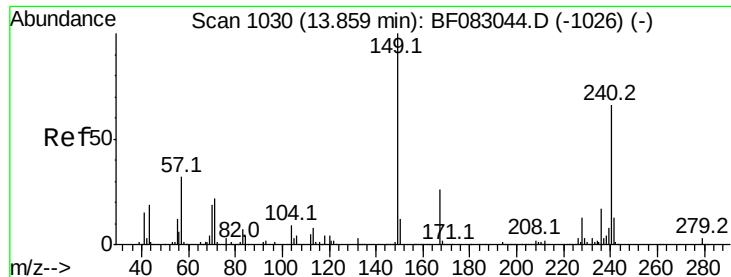


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083096.D

Acq: 21 Nov 2015 1:06

Instrument :

BNA_F

ClientSampleId :

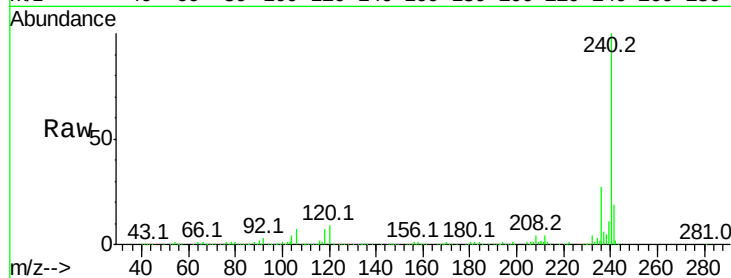
Tot Ion:240 Resp: 397399

Ion Ratio Lower Upper

240 100

120 8.9 5.3 7.9#

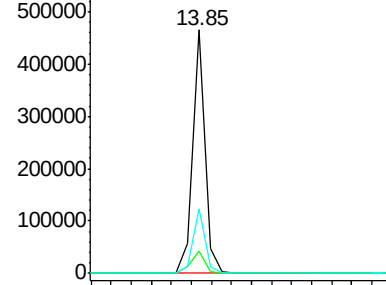
236 26.7 20.4 30.6



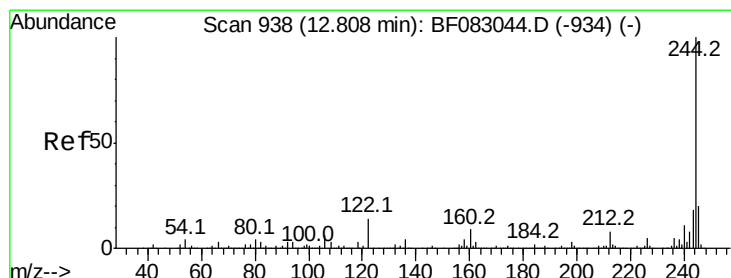
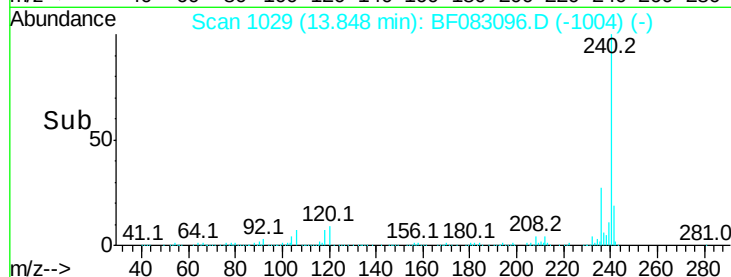
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 70.11 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083096.D

Acq: 21 Nov 2015 1:06

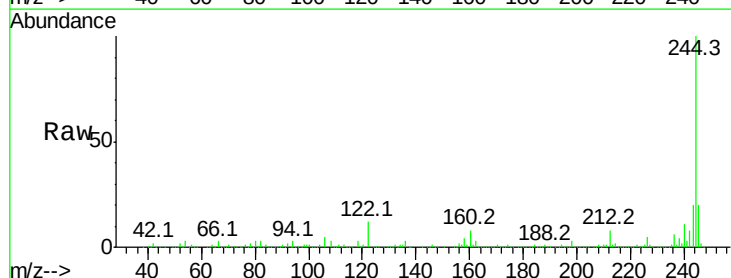
Tgt Ion:244 Resp: 1180248

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

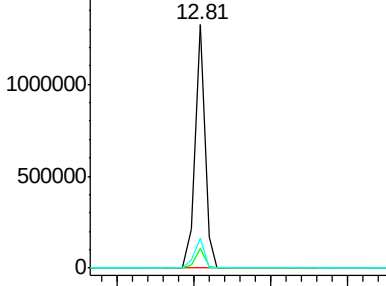
122 12.4 10.9 16.3



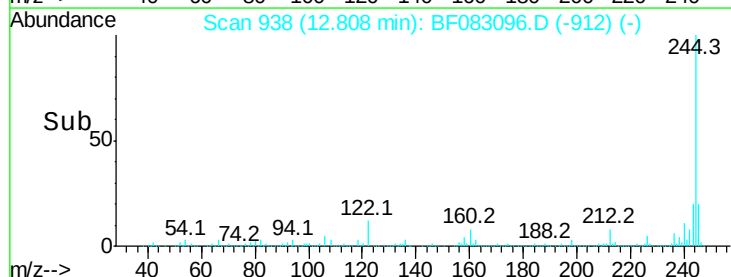
Abundance Ion 244.00 (243.70 to 244.70): E

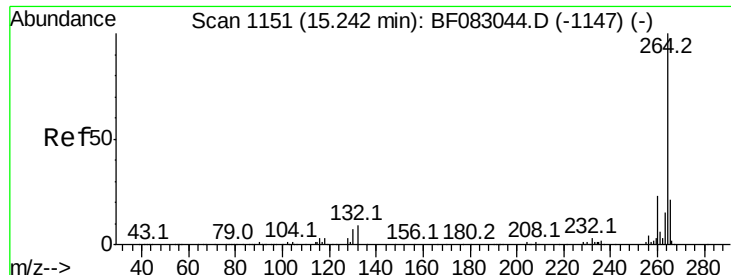
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083096.D
 Acq: 21 Nov 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	294981
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	21.2	17.0	25.6

