

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084096.D
 Acq On : 24 Dec 2015 23:20
 Operator : UM/SJ
 Sample : G4927-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-19

Quant Time: Dec 25 01:47:47 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

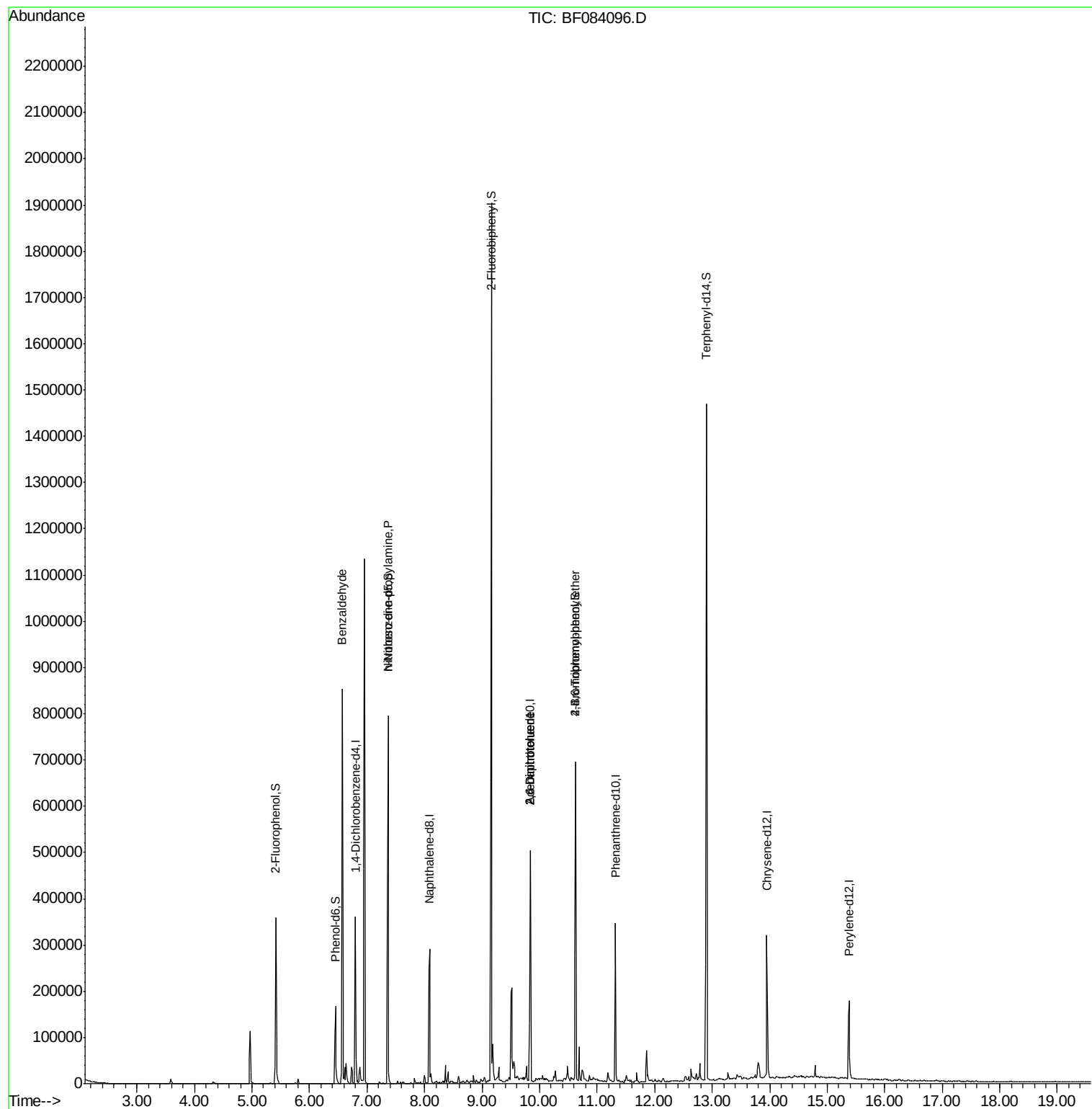
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	51880	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	193284	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	93462	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	163336	20.00	ng	0.00
75) Chrysene-d12	13.95	240	122550	20.00	ng	-0.01
86) Perylene-d12	15.38	264	95534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	113768	37.18	ng	0.00
7) Phenol-d6	6.45	99	84758	22.38	ng	0.00
23) Nitrobenzene-d5	7.37	82	308283	93.36	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	87651	87.94	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	599404	87.75	ng	0.00
78) Terphenyl-d14	12.90	244	430454	63.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	5150	2.54	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.37	70	42628	18.28	ng	# 73
50) 2,6-Dinitrotoluene	9.84	165	12546	7.64	ng	# 39
56) 2,4-Dinitrotoluene	9.84	165	12546	5.78	ng	# 22
66) 4-Bromophenyl-phenylether	10.62	248	6723	3.55	ng	# 1
74) Fluoranthene	12.53	202	4498	Below Cal		86

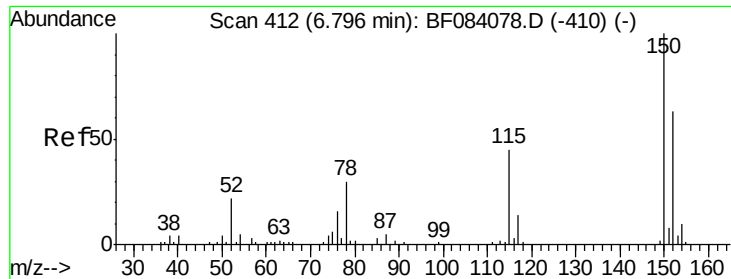
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 24 16:48:39 2015
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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: BF084096.D

Acq: 24 Dec 2015 23:20

Instrument :

BNA_F

ClientSampleId :

TEC-19

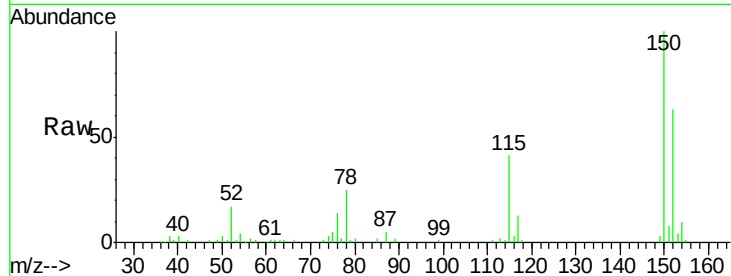
Tgt Ion:152 Resp: 51880

Ion Ratio Lower Upper

152 100

150 159.1 123.0 184.4

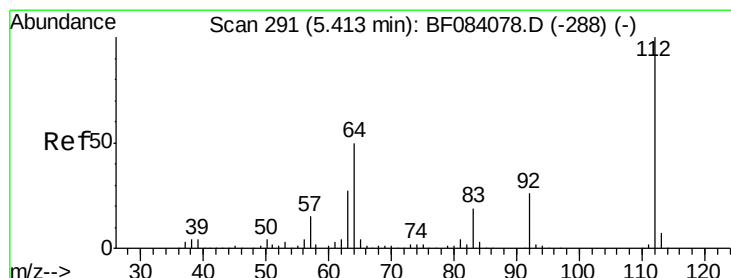
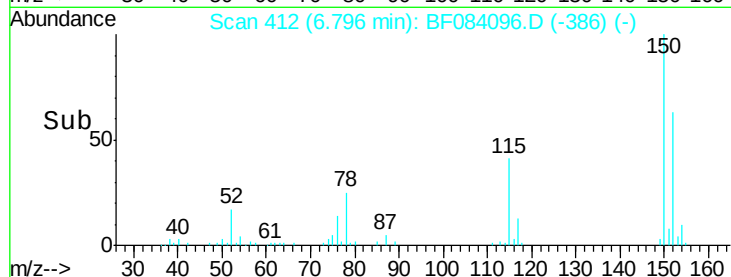
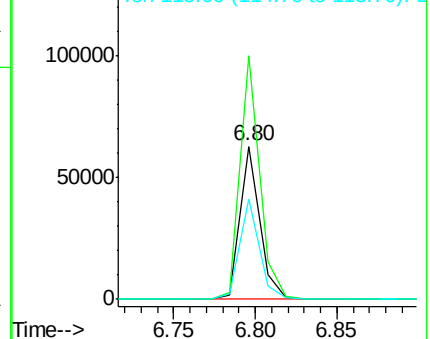
115 65.7 51.4 77.2



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



#5

2-Fluorophenol

Concen: 37.18 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084096.D

Acq: 24 Dec 2015 23:20

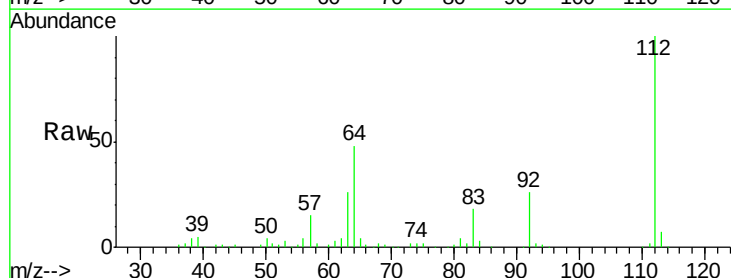
Tgt Ion:112 Resp: 113768

Ion Ratio Lower Upper

112 100

64 47.7 36.6 55.0

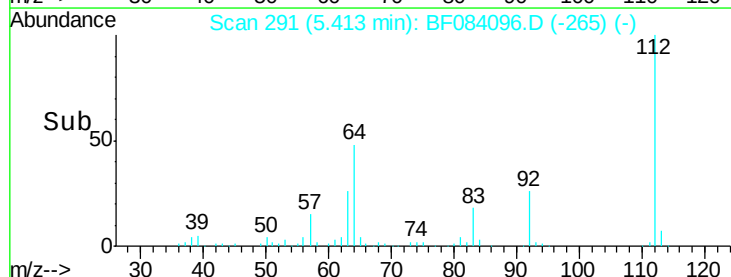
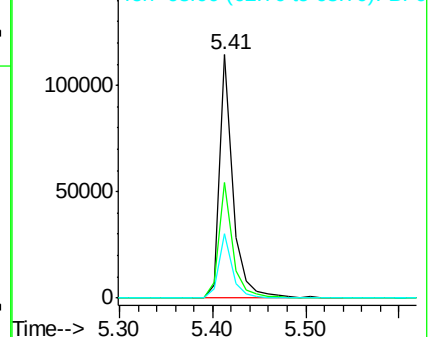
63 26.2 19.4 29.0

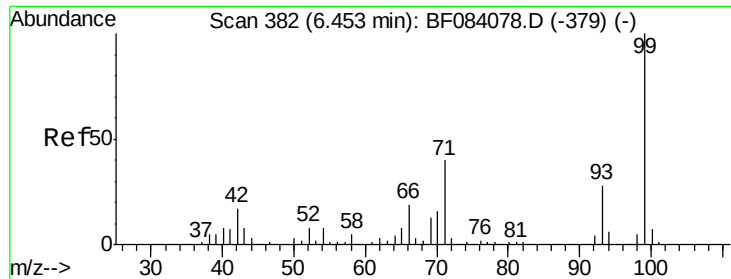


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.38 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084096.D

Acq: 24 Dec 2015 23:20

Instrument :

BNA_F

ClientSampleId :

TEC-19

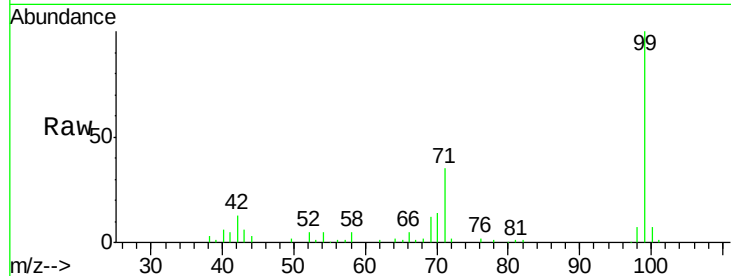
Tgt Ion: 99 Resp: 84758

Ion Ratio Lower Upper

99 100

42 13.4 12.8 19.2

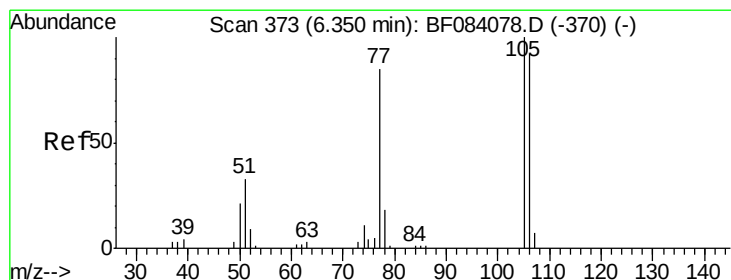
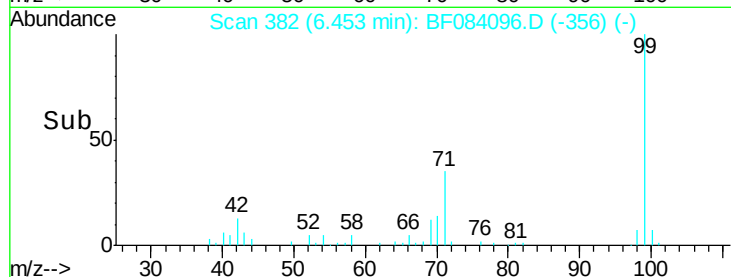
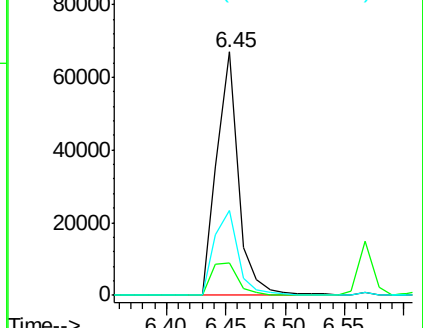
71 34.9 30.9 46.3



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: 2.54 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.22 min

Lab File: BF084096.D

Acq: 24 Dec 2015 23:20

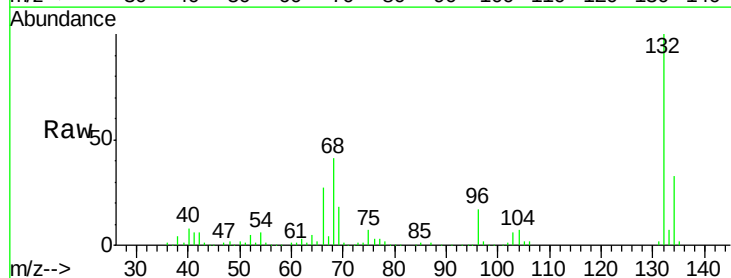
Tgt Ion: 77 Resp: 5150

Ion Ratio Lower Upper

77 100

105 83.6 83.0 123.0

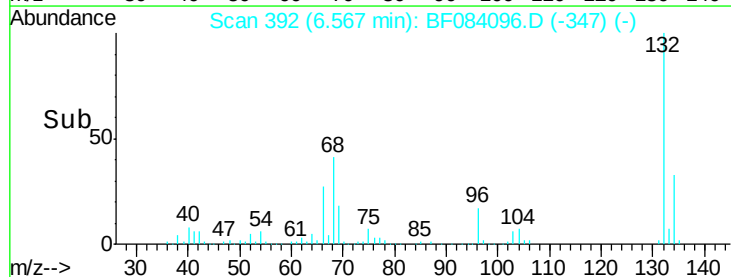
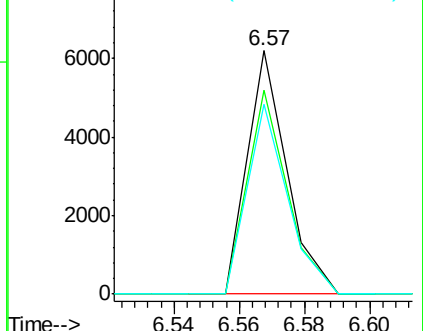
106 78.1 74.6 114.6

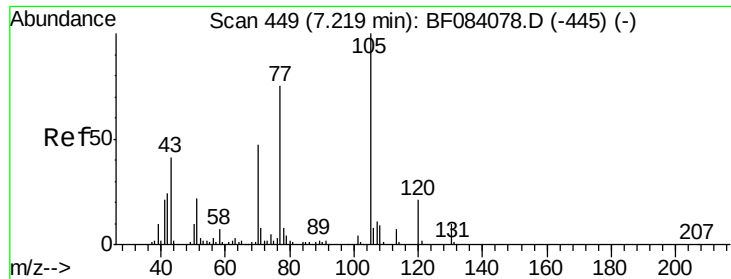


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

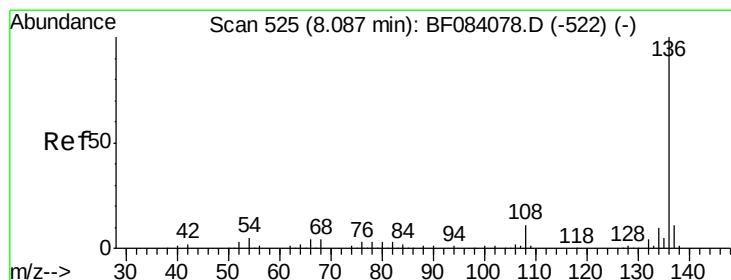
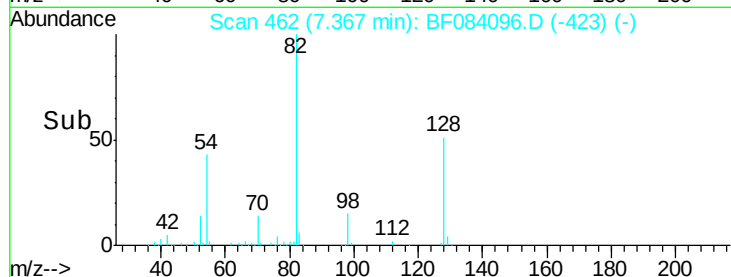
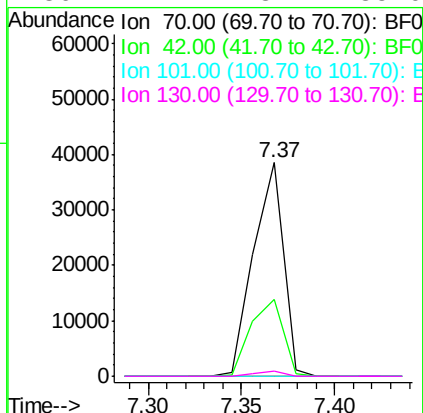
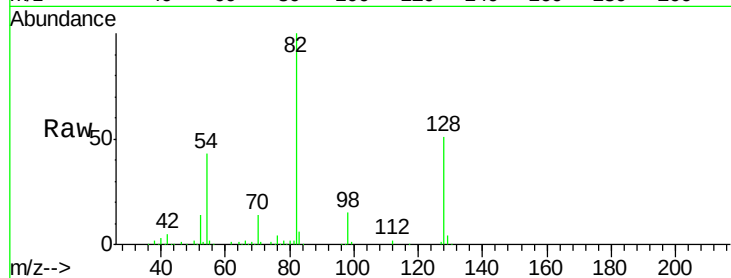




#19
n-Nitroso-di-n-propylamine
Concen: 18.28 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.15 min
Lab File: BF084096.D
Acq: 24 Dec 2015 23:20

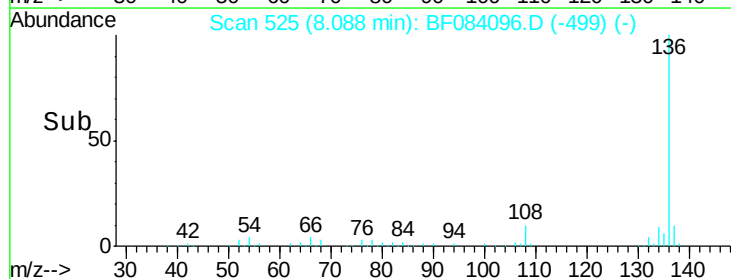
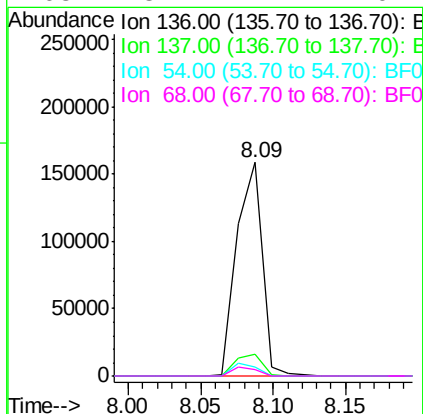
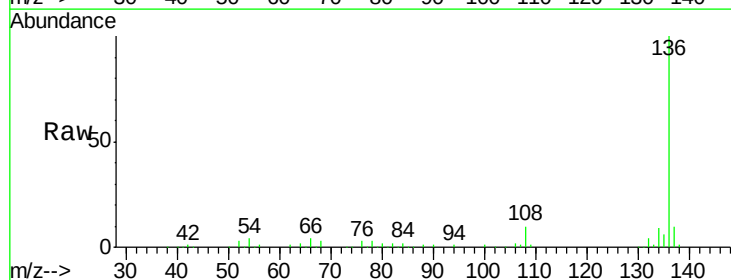
Instrument :
BNA_F
ClientSampleId :
TEC-19

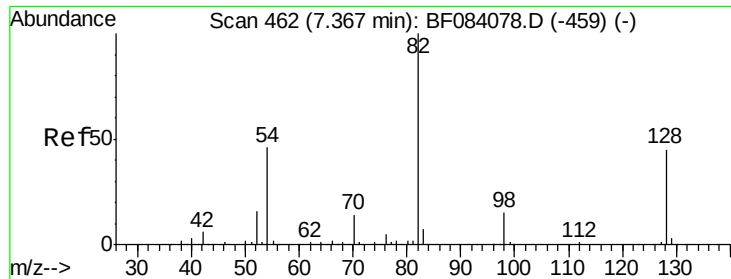
Tgt Ion: 70 Resp: 42628
Ion Ratio Lower Upper
70 100
42 36.1 33.3 49.9
101 0.0 9.3 13.9#
130 2.2 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084096.D
Acq: 24 Dec 2015 23:20

Tgt Ion: 136 Resp: 193284
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 4.1 5.8 8.8#
68 3.1 4.2 6.2#

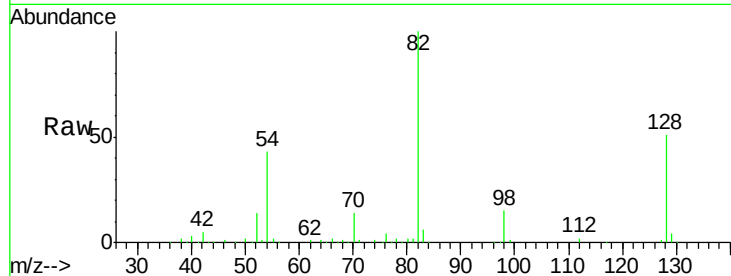




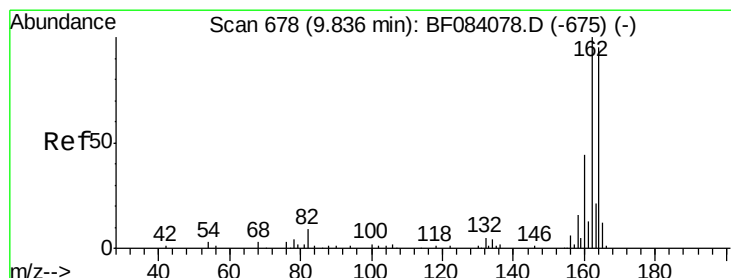
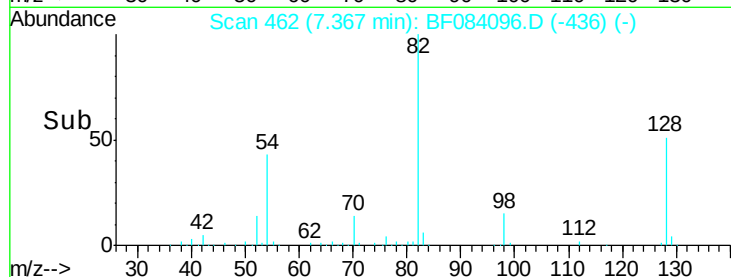
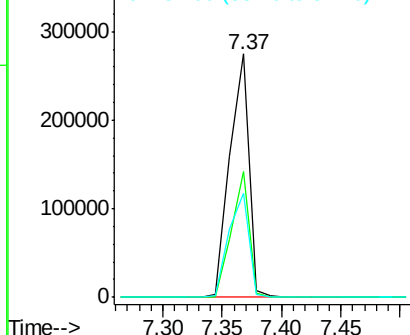
#23
 Nitrobenzene-d5
 Concen: 93.36 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084096.D
 Acq: 24 Dec 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 TEC-19

Tgt Ion: 82 Resp: 308283
 Ion Ratio Lower Upper
 82 100
 128 51.5 34.6 51.8
 54 42.7 38.4 57.6

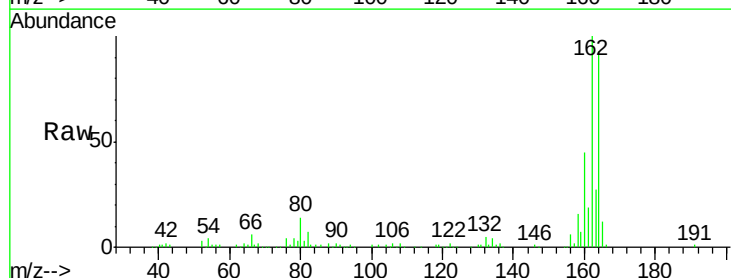


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

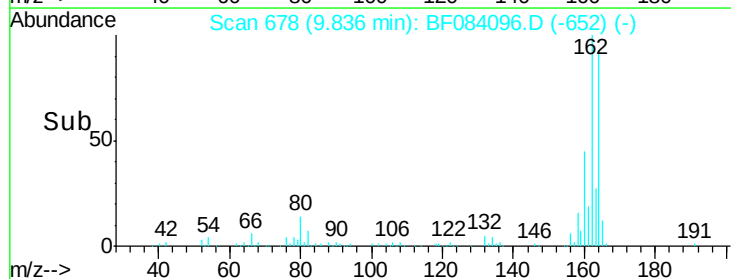
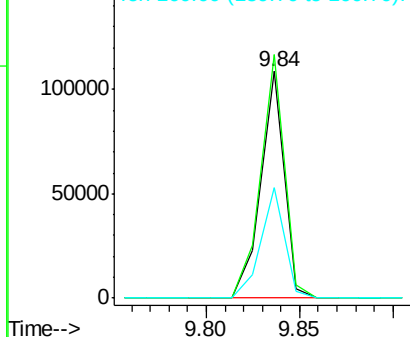


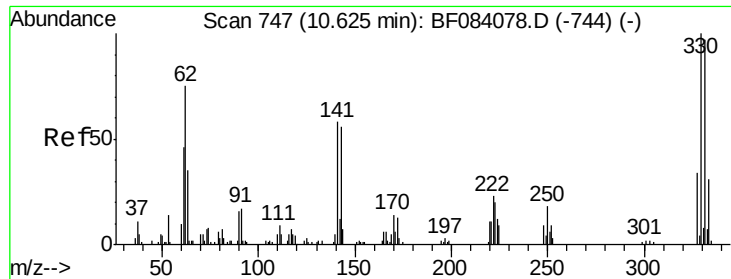
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084096.D
 Acq: 24 Dec 2015 23:20

Tgt Ion: 164 Resp: 93462
 Ion Ratio Lower Upper
 164 100
 162 107.5 85.1 127.7
 160 48.8 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

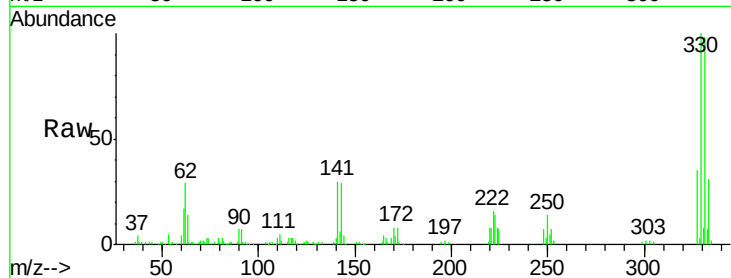




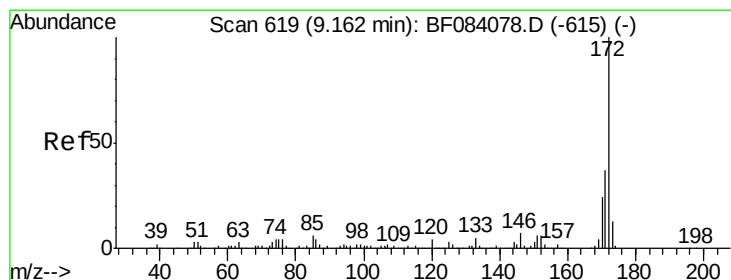
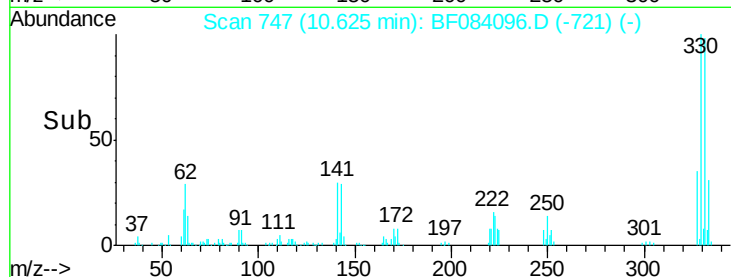
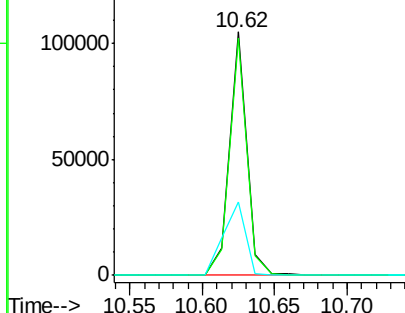
#41
 2,4,6-Tribromophenol
 Concen: 87.94 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084096.D
 Acq: 24 Dec 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 TEC-19

Tgt Ion:330 Resp: 87651
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 38.7 27.8 41.6

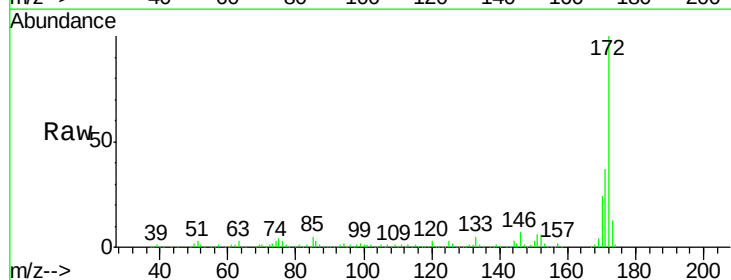


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

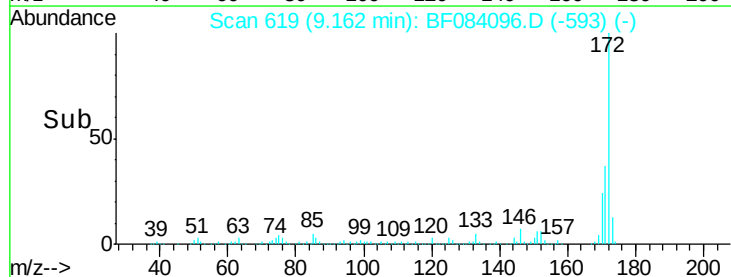
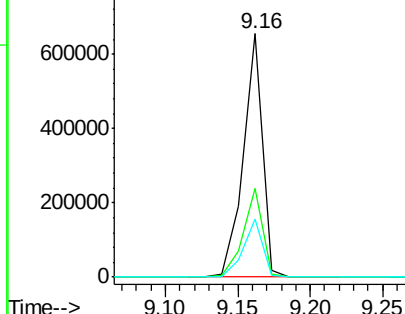


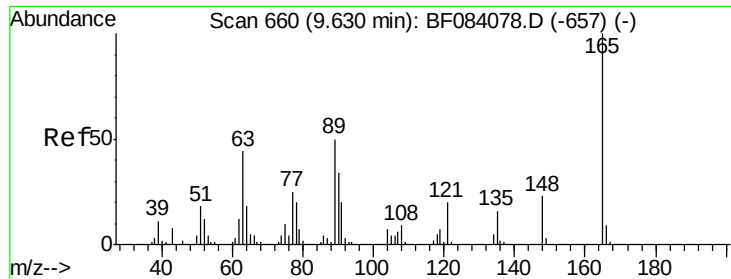
#44
 2-Fluorobiphenyl
 Concen: 87.75 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084096.D
 Acq: 24 Dec 2015 23:20

Tgt Ion:172 Resp: 599404
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 24.0 18.6 27.8



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

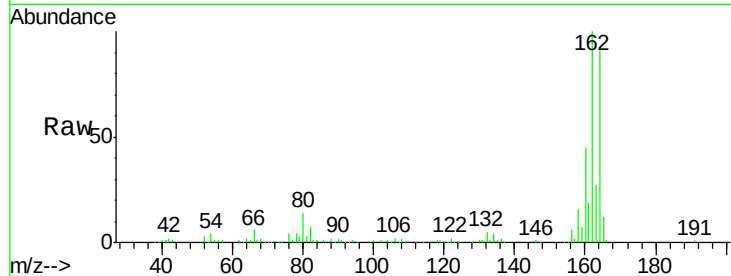




#50
 2,6-Dinitrotoluene
 Concen: 7.64 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.21 min
 Lab File: BF084096.D
 Acq: 24 Dec 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 TEC-19

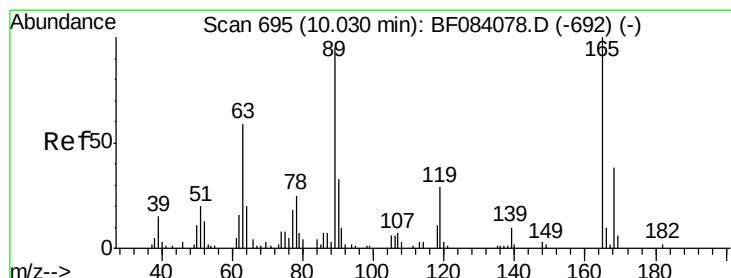
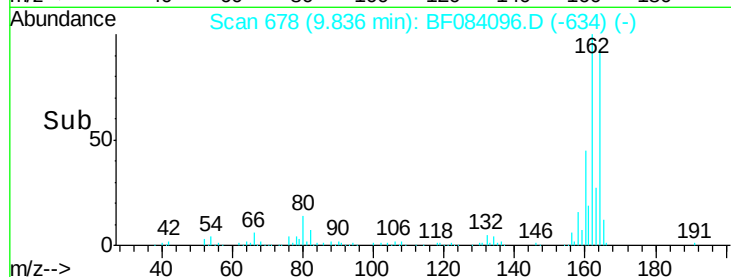
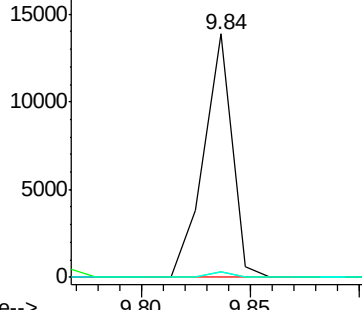
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	28.8	43.2#
89	2.2	35.1	52.7#



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: 5.78 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.19 min
 Lab File: BF084096.D
 Acq: 24 Dec 2015 23:20

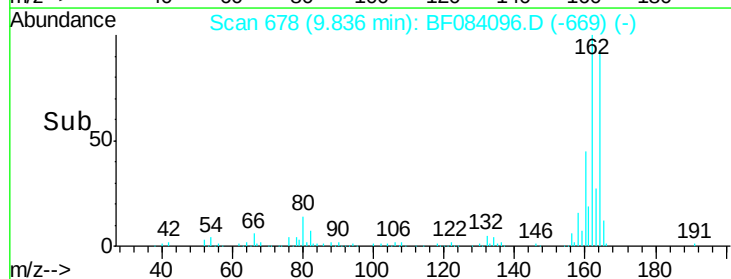
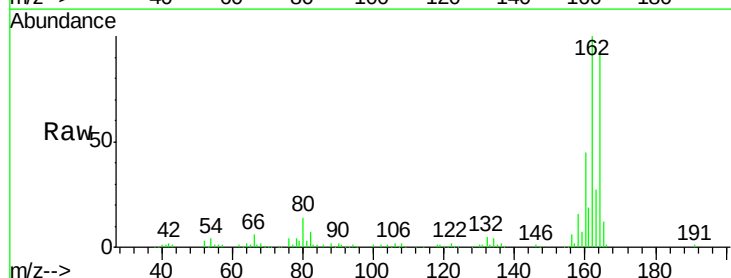
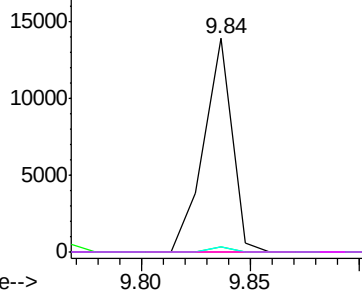
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	36.7	55.1#
89	2.2	61.9	92.9#
182	0.0	2.0	3.0#

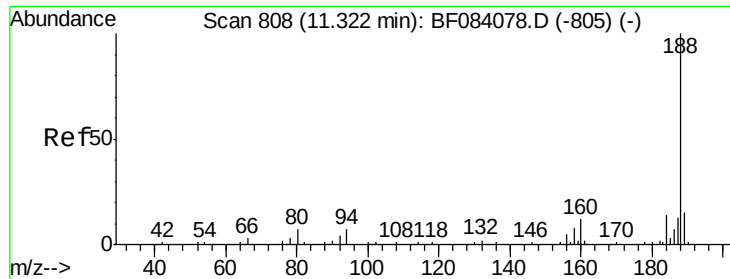
Abundance Ion 165.00 (164.70 to 165.70): E

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

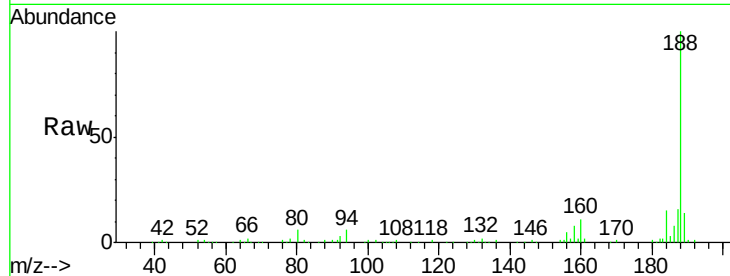




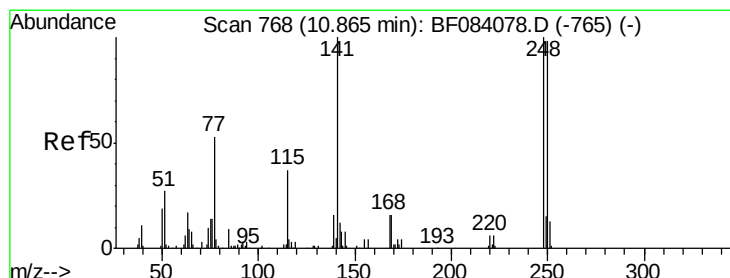
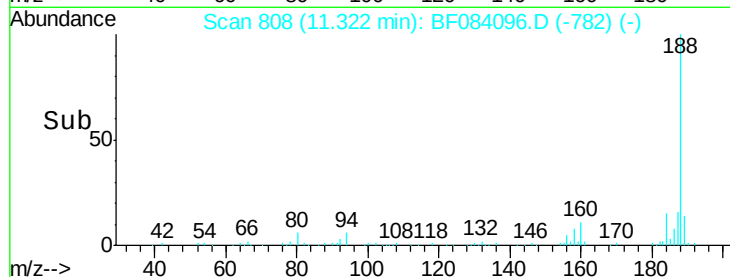
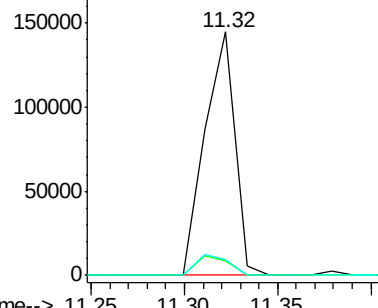
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084096.D
 Acq: 24 Dec 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 TEC-19

Tgt Ion:188 Resp: 163336
 Ion Ratio Lower Upper
 188 100
 94 6.1 9.0 13.4#
 80 6.2 9.6 14.4#

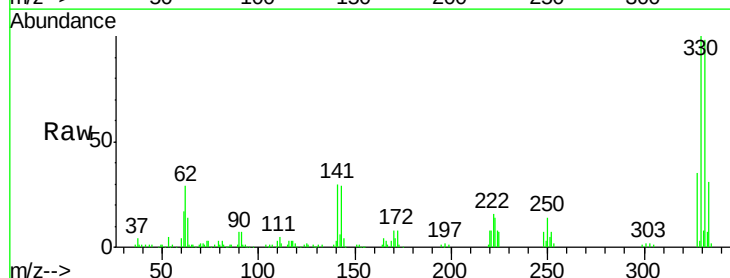


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

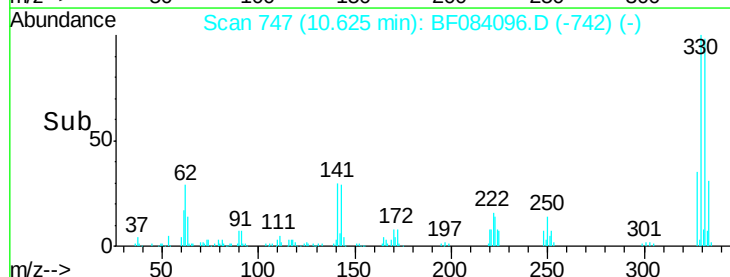
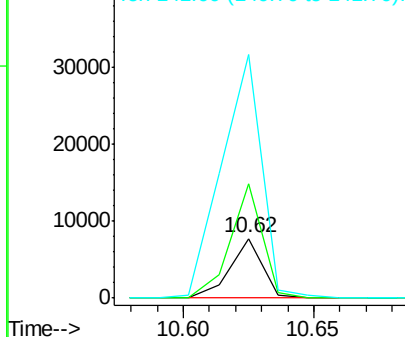


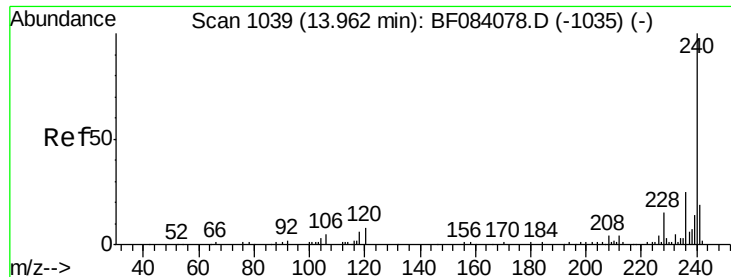
#66
 4-Bromophenyl-phenylether
 Concen: 3.55 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF084096.D
 Acq: 24 Dec 2015 23:20

Tgt Ion:248 Resp: 6723
 Ion Ratio Lower Upper
 248 100
 250 192.6 78.4 117.6#
 141 409.9 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF084096.D

Acq: 24 Dec 2015 23:20

Instrument :

BNA_F

ClientSampleId :

TEC-19

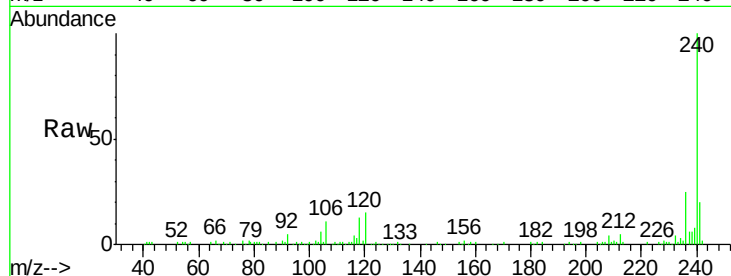
Tgt Ion:240 Resp: 122550

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

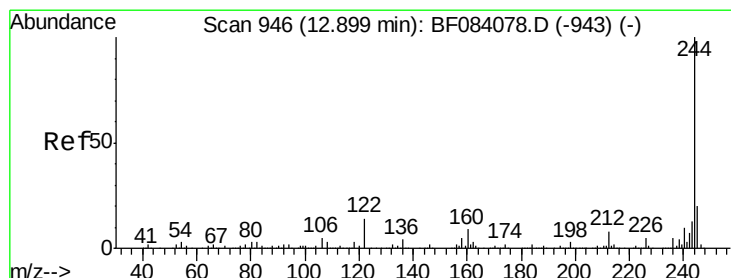
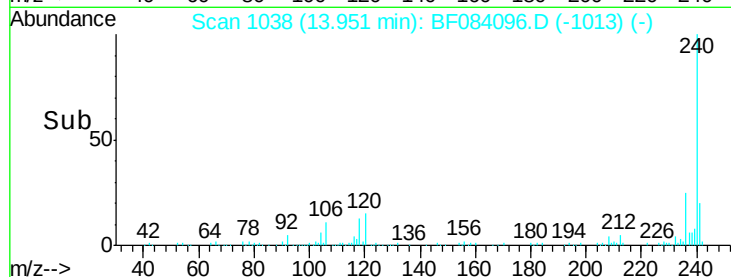
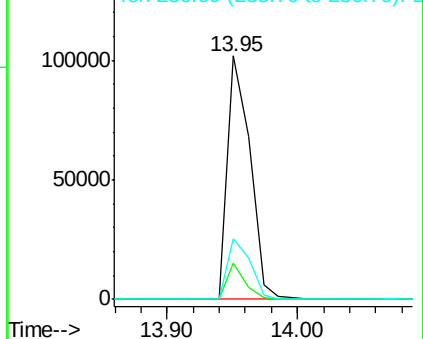
236 24.9 20.6 31.0



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: 63.56 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF084096.D

Acq: 24 Dec 2015 23:20

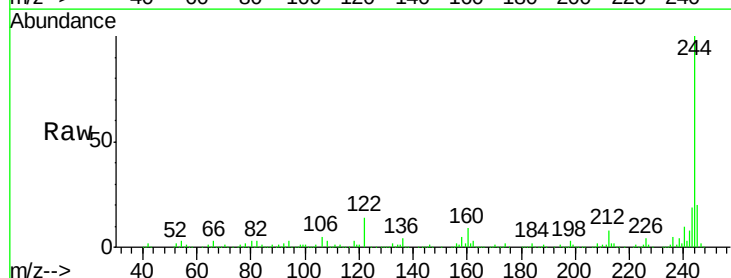
Tgt Ion:244 Resp: 430454

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

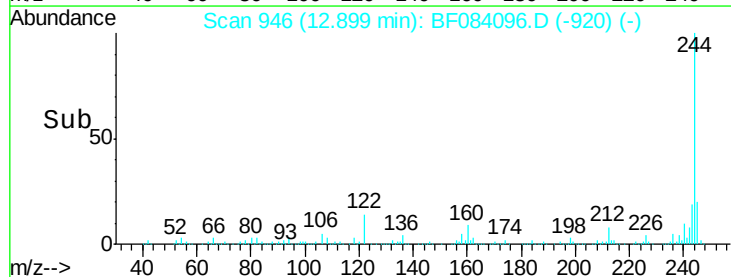
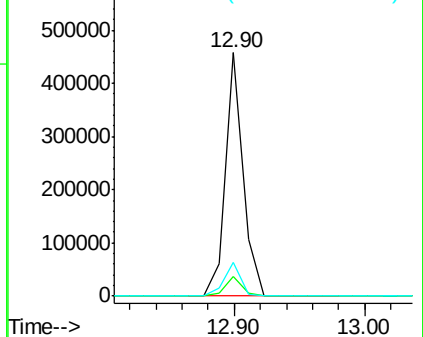
122 13.6 7.4 11.0#

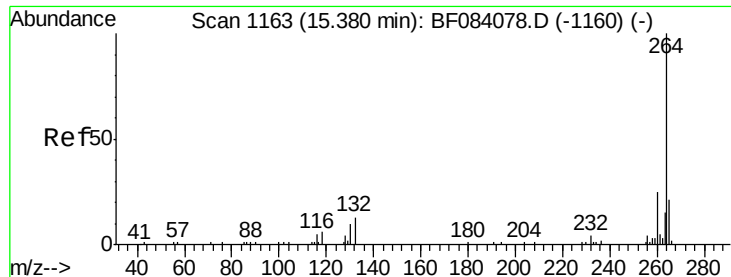


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF084096.D
Acq: 24 Dec 2015 23:20

Instrument :
BNA_F
ClientSampleId :
TEC-19

Tgt Ion: 264 Resp: 95534
Ion Ratio Lower Upper
264 100
260 23.2 19.4 29.2
265 20.8 17.8 26.6

