

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
 Data File : BF081796.D
 Acq On : 25 Sep 2015 9:09
 Operator : UM/IZ
 Sample : G3676-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-6

Quant Time: Sep 25 11:22:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

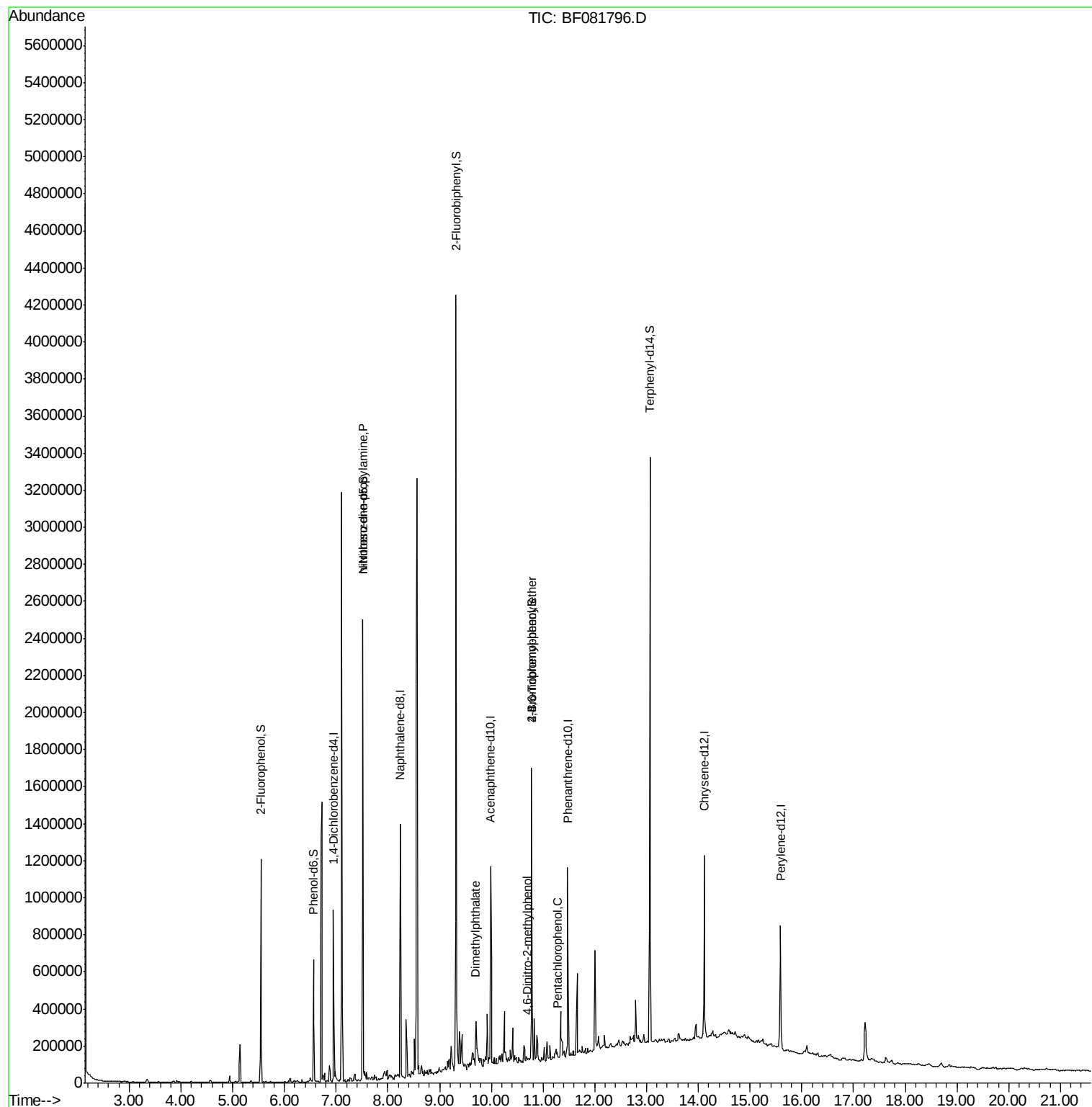
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	145458	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	574234	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	245966	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	398201	20.00	ng	0.00
75) Chrysene-d12	14.12	240	339539	20.00	ng	0.00
86) Perylene-d12	15.59	264	358803	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	299284	34.81	ng	0.00
7) Phenol-d6	6.56	99	228869	21.04	ng	-0.01
23) Nitrobenzene-d5	7.52	82	820130	94.23	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	175883	82.36	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1251012	83.49	ng	0.00
78) Terphenyl-d14	13.06	244	988530	66.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	114814	15.84	ng	# 60
49) Dimethylphthalate	9.70	163	58206	3.11	ng	# 97
64) 4,6-Dinitro-2-methylphenol	10.70	198	1058	9.27	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	12130	2.74	ng	# 1
69) Pentachlorophenol	11.28	266	691	5.90	ng	93

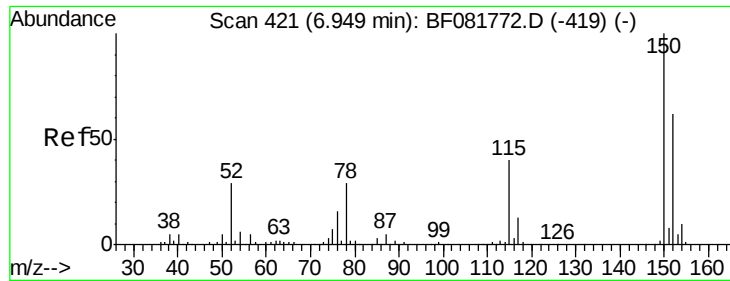
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF081796.D

Acq: 25 Sep 2015 9:09

Instrument :

BNA_F

ClientSampleId :

TEC-6

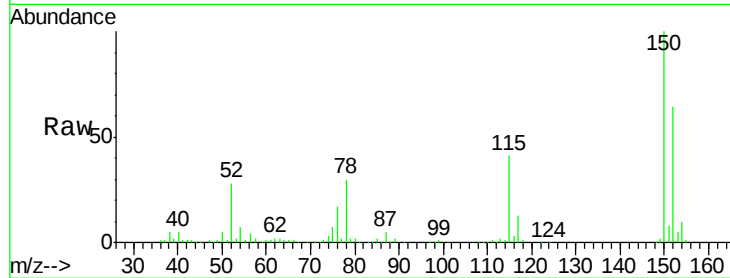
Tgt Ion:152 Resp: 145458

Ion Ratio Lower Upper

152 100

150 156.1 124.7 187.1

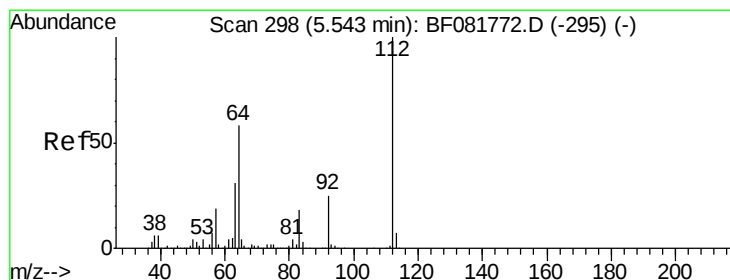
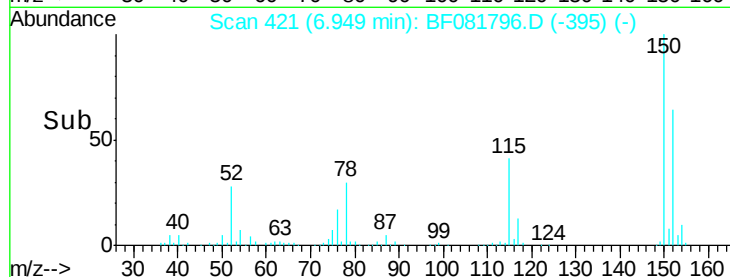
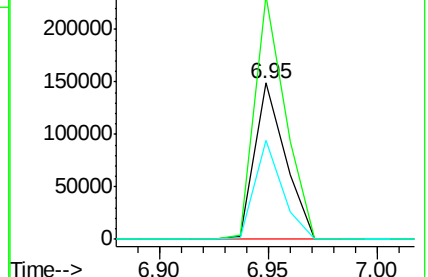
115 63.4 39.0 58.4#



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: 34.81 ng

RT: 5.54 min Scan# 298

Delta R.T. -0.00 min

Lab File: BF081796.D

Acq: 25 Sep 2015 9:09

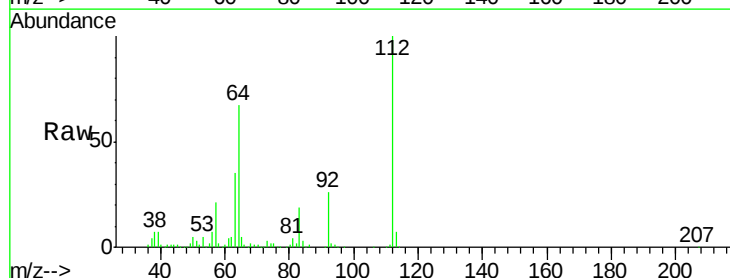
Tgt Ion:112 Resp: 299284

Ion Ratio Lower Upper

112 100

64 66.6 39.7 59.5#

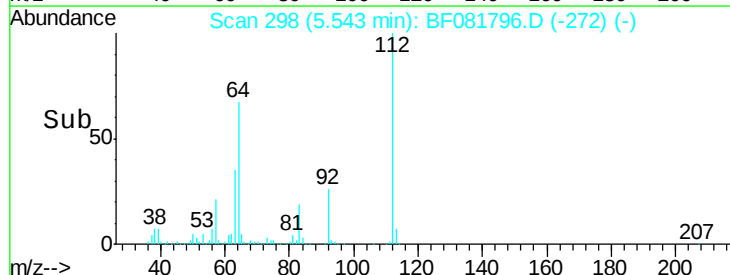
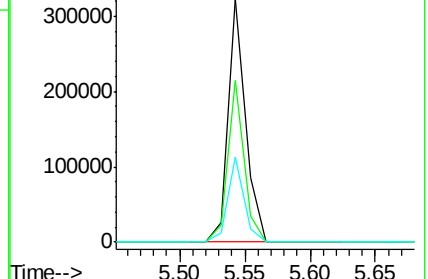
63 34.8 17.4 26.0#



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: 21.04 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081796.D

Acq: 25 Sep 2015 9:09

Instrument :

BNA_F

ClientSampled :

TEC-6

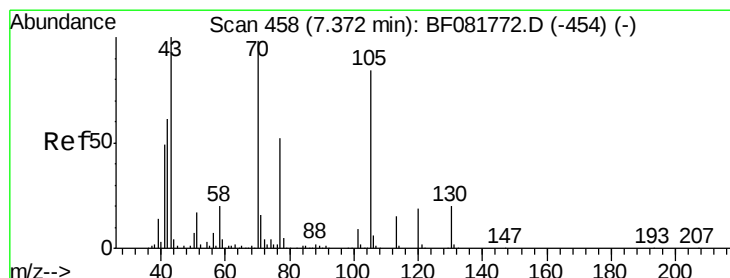
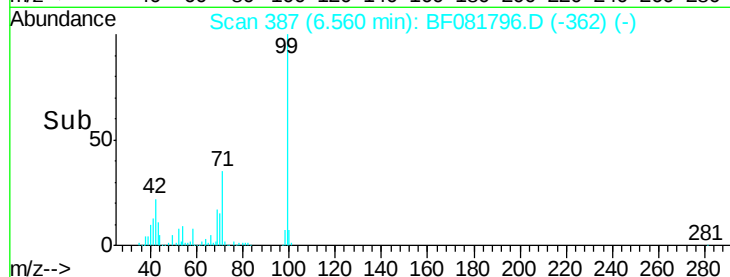
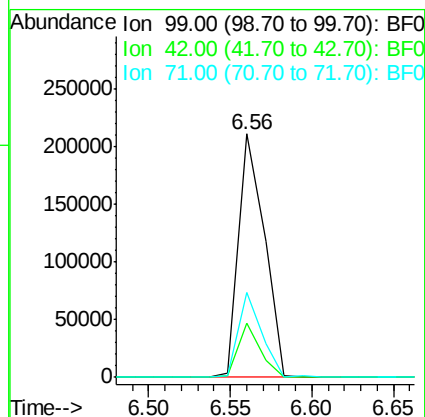
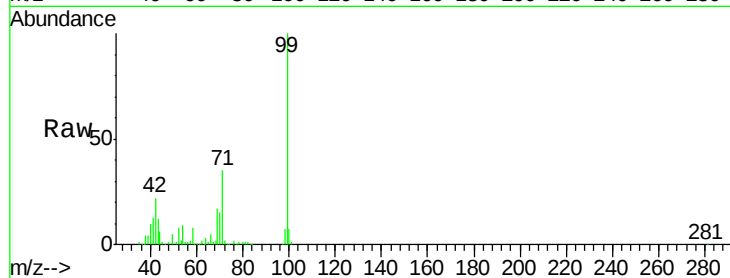
Tgt Ion: 99 Resp: 228869

Ion Ratio Lower Upper

99 100

42 22.4 13.7 20.5#

71 34.9 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 15.84 ng

RT: 7.52 min Scan# 471

Delta R.T. 0.15 min

Lab File: BF081796.D

Acq: 25 Sep 2015 9:09

Tgt Ion: 70 Resp: 114814

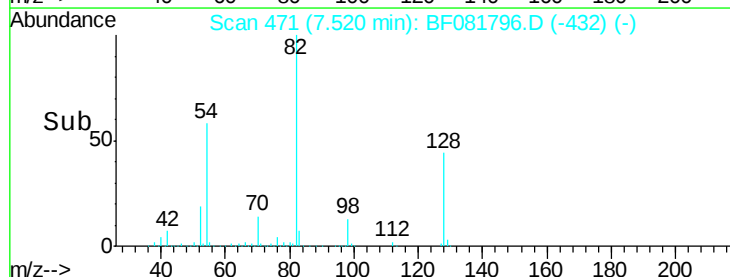
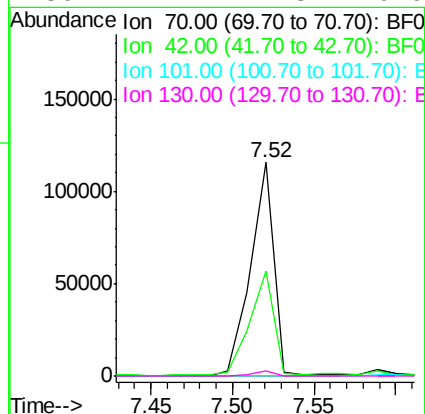
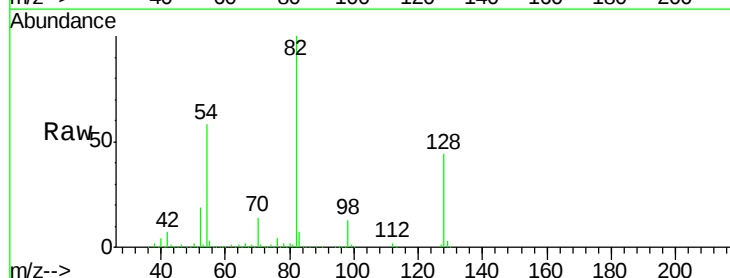
Ion Ratio Lower Upper

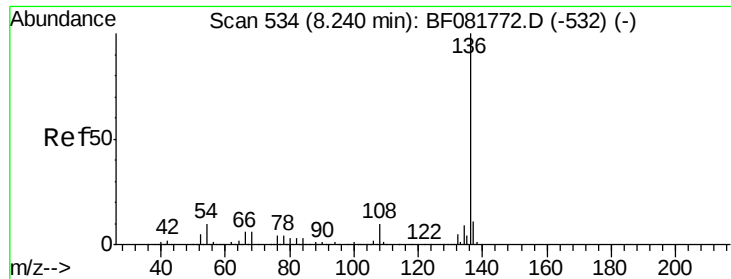
70 100

42 48.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

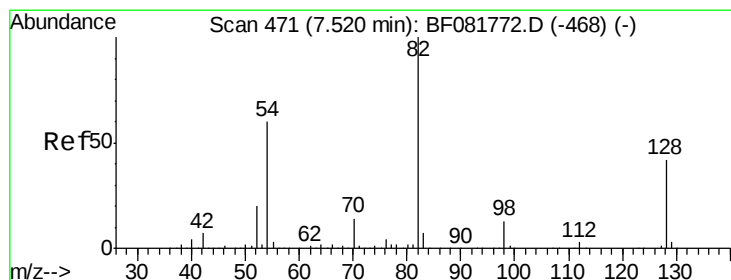
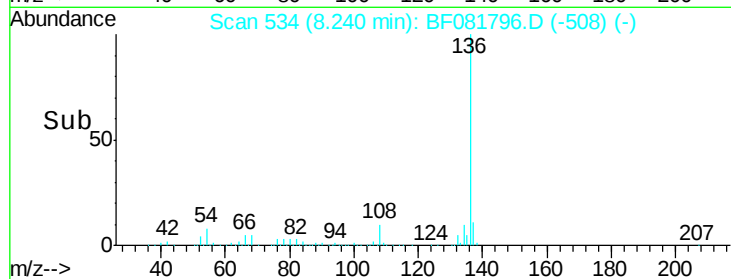
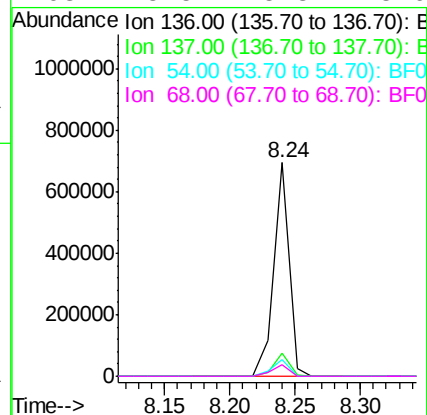
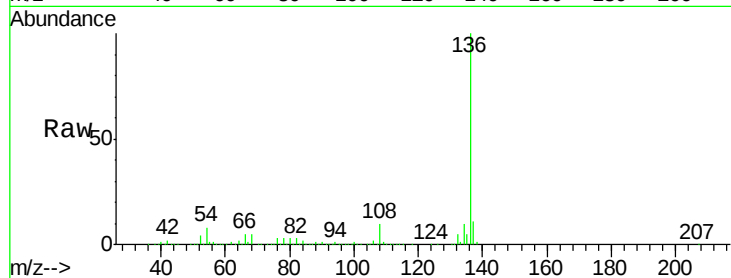




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF081796.D
Acq: 25 Sep 2015 9:09

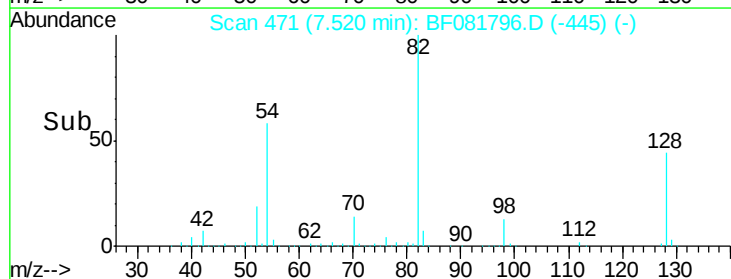
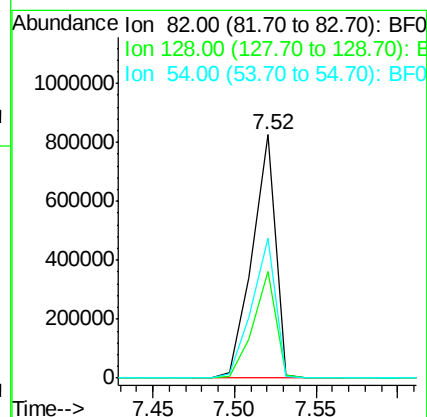
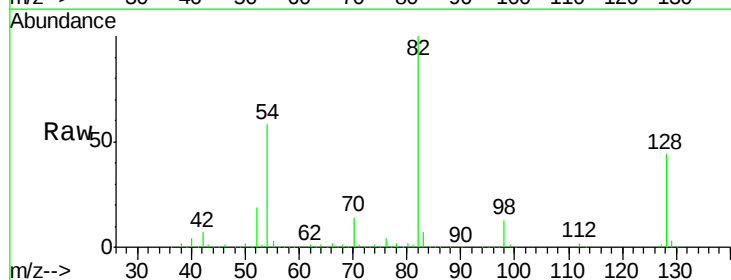
Instrument :
BNA_F
ClientSampleId :
TEC-6

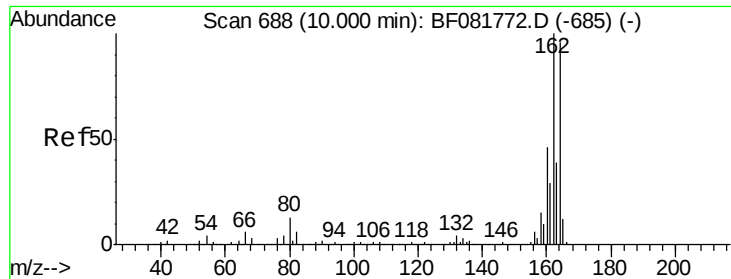
Tgt Ion:	136	Resp:	574234
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.9	8.2	12.2#
68	5.5	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 94.23 ng
RT: 7.52 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF081796.D
Acq: 25 Sep 2015 9:09

Tgt Ion:	82	Resp:	820130
Ion	Ratio	Lower	Upper
82	100		
128	43.8	51.0	76.6#
54	57.7	47.5	71.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081796.D

Acq: 25 Sep 2015 9:09

Instrument :

BNA_F

ClientSampleId :

TEC-6

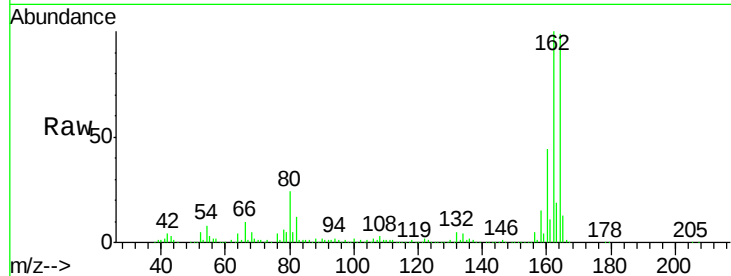
Tgt Ion:164 Resp: 245966

Ion Ratio Lower Upper

164 100

162 100.9 75.2 112.8

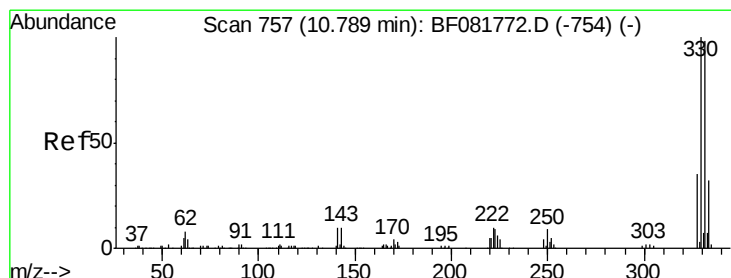
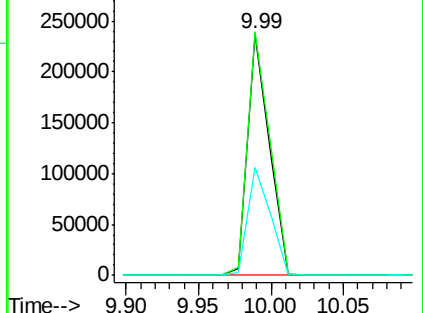
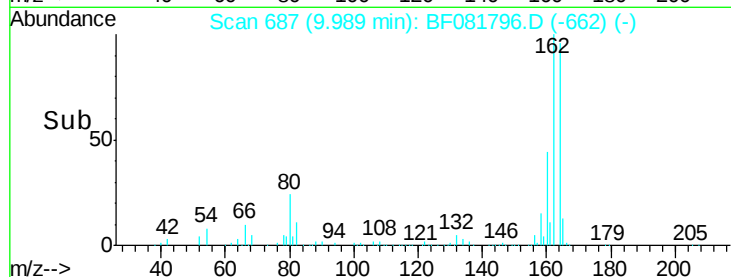
160 44.6 31.5 47.3



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: 82.36 ng

RT: 10.78 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF081796.D

Acq: 25 Sep 2015 9:09

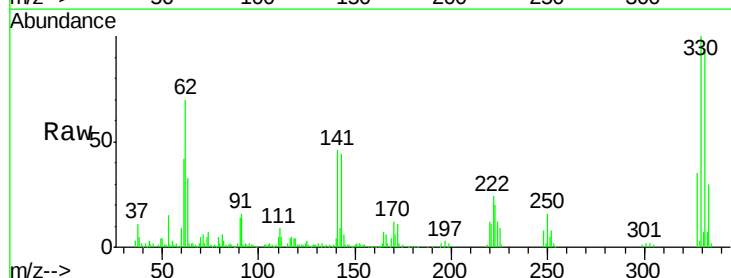
Tgt Ion:330 Resp: 175883

Ion Ratio Lower Upper

330 100

332 95.6 76.6 114.8

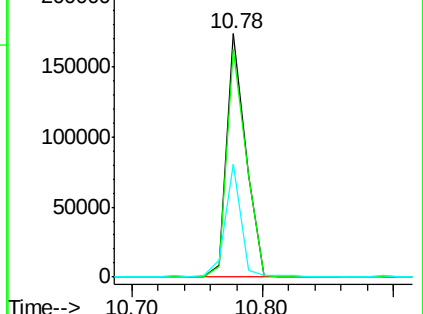
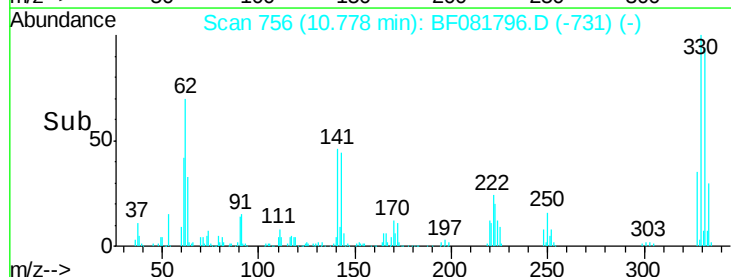
141 38.5 29.7 44.5

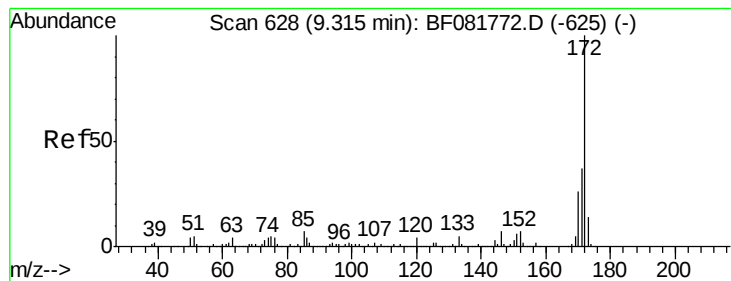


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

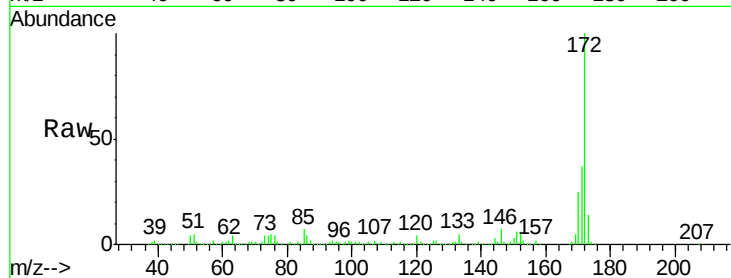




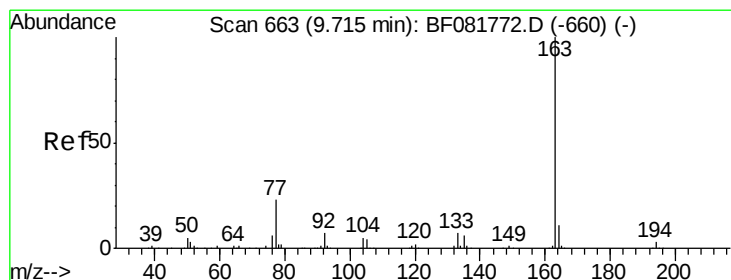
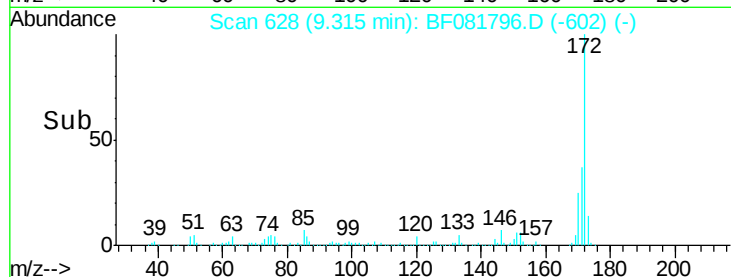
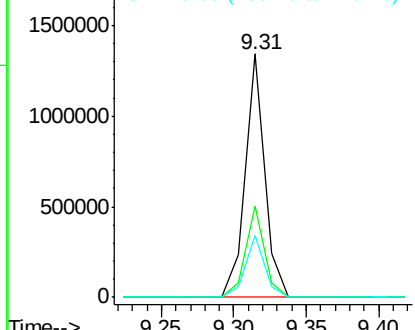
#44
 2-Fluorobiphenyl
 Concen: 83.49 ng
 RT: 9.31 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF081796.D
 Acq: 25 Sep 2015 9:09

Instrument :
 BNA_F
 ClientSampleId :
 TEC-6

Tgt Ion:172 Resp: 1251012
 Ion Ratio Lower Upper
 172 100
 171 37.3 26.1 39.1
 170 25.5 17.4 26.2

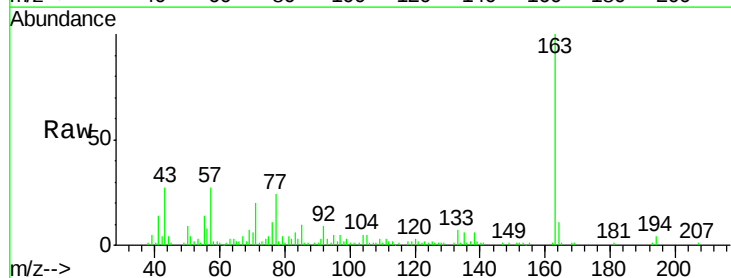


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

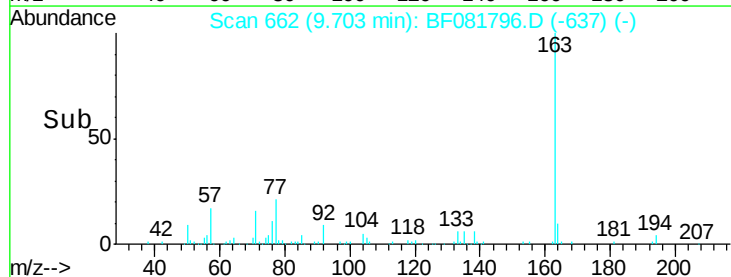
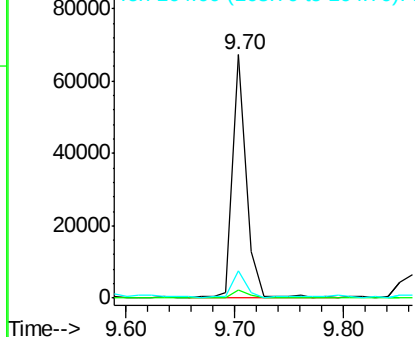


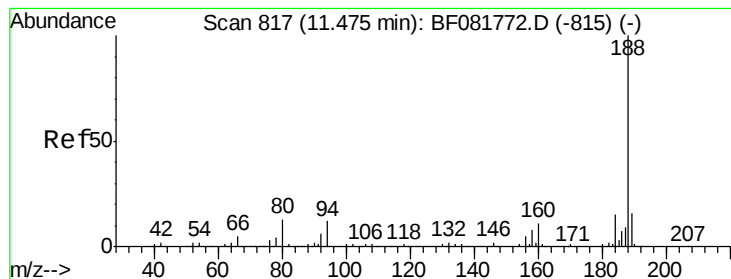
#49
 Dimethylphthalate
 Concen: 3.11 ng
 RT: 9.70 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF081796.D
 Acq: 25 Sep 2015 9:09

Tgt Ion:163 Resp: 58206
 Ion Ratio Lower Upper
 163 100
 194 3.5 4.4 6.6#
 164 11.1 8.3 12.5



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.47 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF081796.D

Acq: 25 Sep 2015 9:09

Instrument :

BNA_F

ClientSampled :

TEC-6

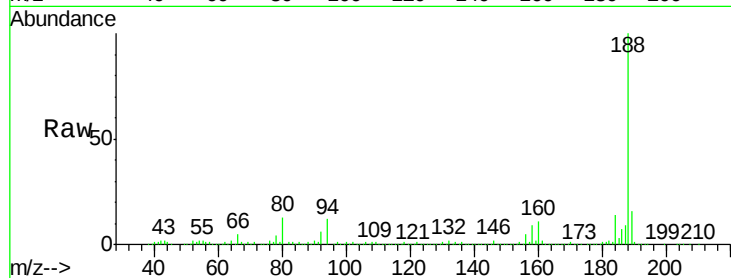
Tgt Ion:188 Resp: 398201

Ion Ratio Lower Upper

188 100

94 11.5 11.1 16.7

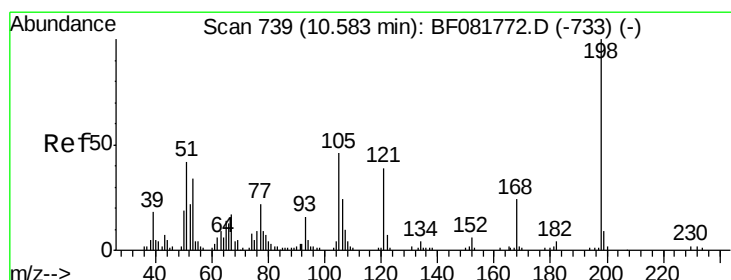
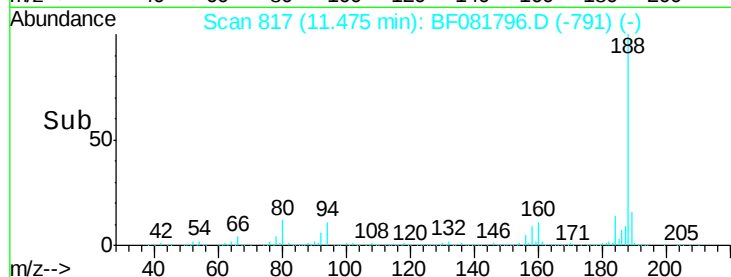
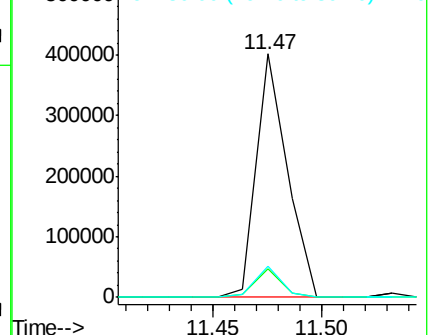
80 12.6 11.0 16.4



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



#64

4,6-Dinitro-2-methylphenol

Concen: 9.27 ng

RT: 10.70 min Scan# 749

Delta R.T. 0.11 min

Lab File: BF081796.D

Acq: 25 Sep 2015 9:09

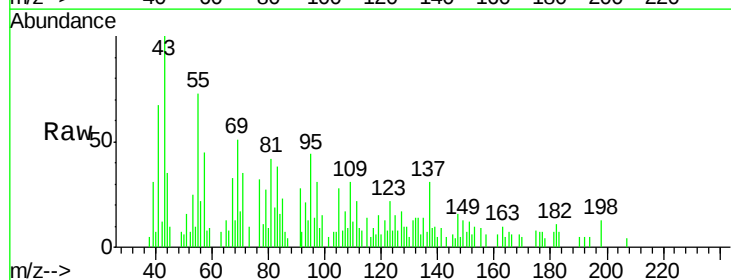
Tgt Ion:198 Resp: 1058

Ion Ratio Lower Upper

198 100

51 116.1 39.6 79.6#

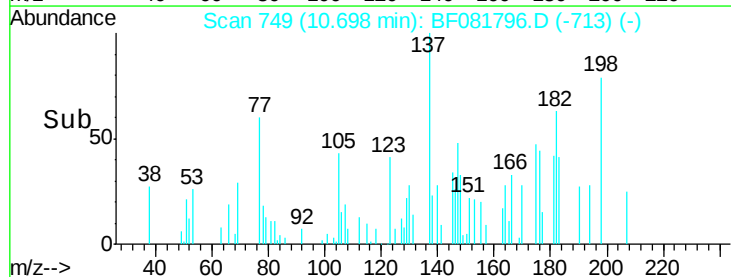
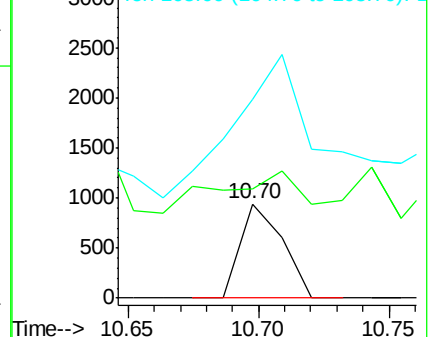
105 210.7 28.5 68.5#

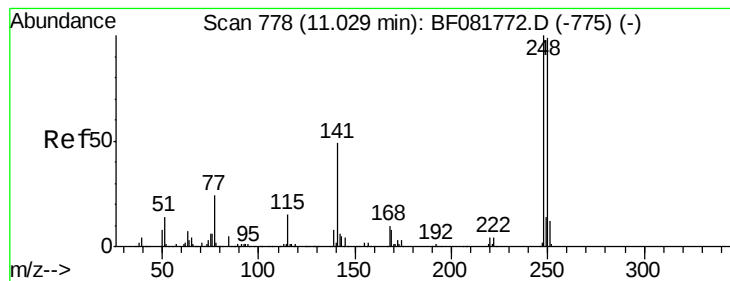


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 2.74 ng

RT: 10.78 min Scan# 756

Delta R.T. -0.25 min

Lab File: BF081796.D

Acq: 25 Sep 2015 9:09

Instrument :

BNA_F

ClientSampleId :

TEC-6

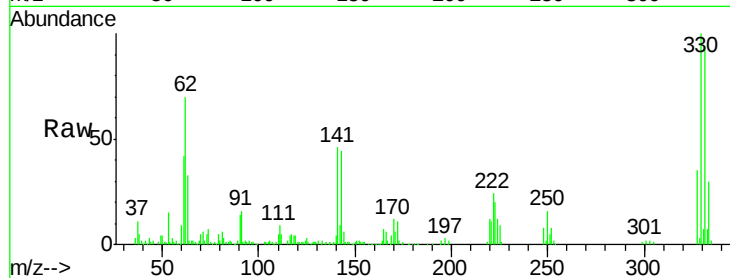
Tgt Ion:248 Resp: 12130

Ion Ratio Lower Upper

248 100

250 197.7 78.5 117.7#

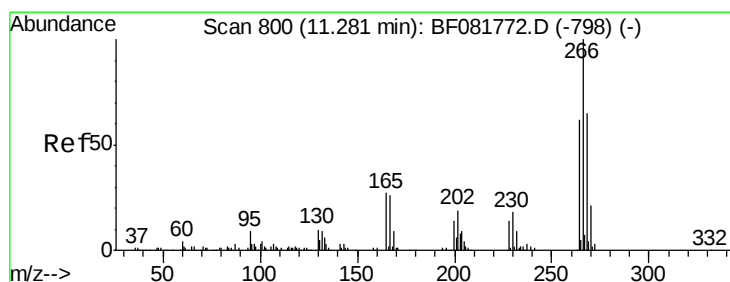
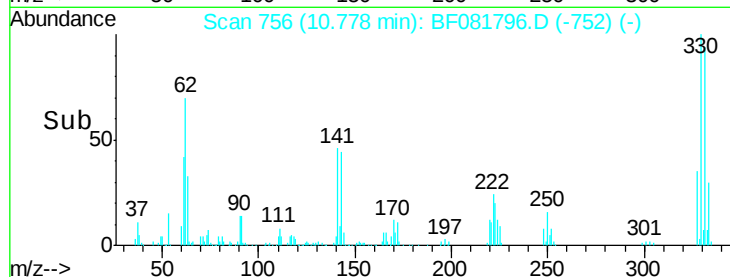
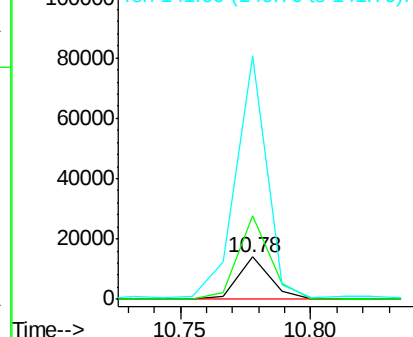
141 576.0 59.0 88.6#



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



#69

Pentachlorophenol

Concen: 5.90 ng

RT: 11.28 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF081796.D

Acq: 25 Sep 2015 9:09

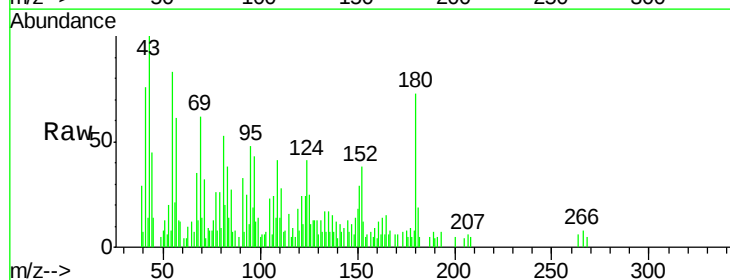
Tgt Ion:266 Resp: 691

Ion Ratio Lower Upper

266 100

268 59.3 49.8 74.6

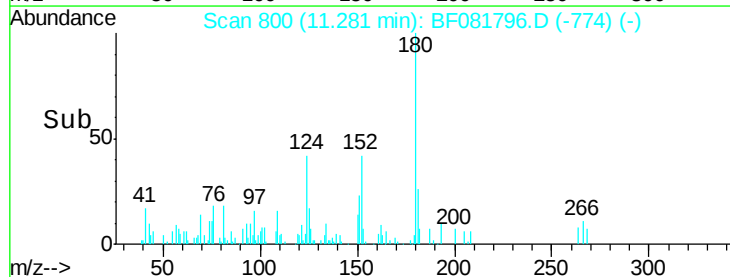
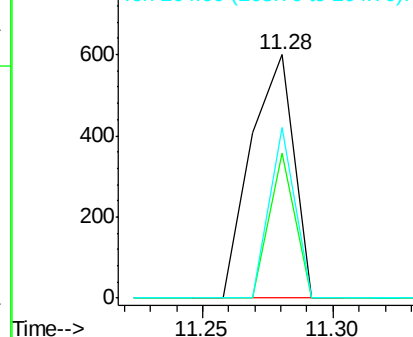
264 70.2 50.2 75.2

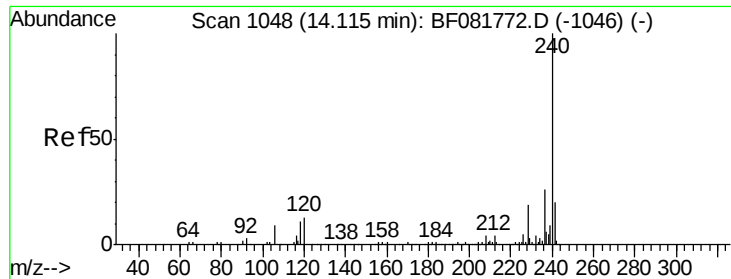


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF081796.D

Acq: 25 Sep 2015 9:09

Instrument :

BNA_F

ClientSampleId :

TEC-6

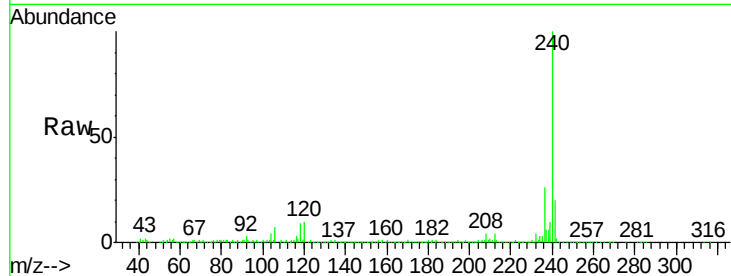
Tgt Ion:240 Resp: 339539

Ion Ratio Lower Upper

240 100

120 10.5 16.2 24.2#

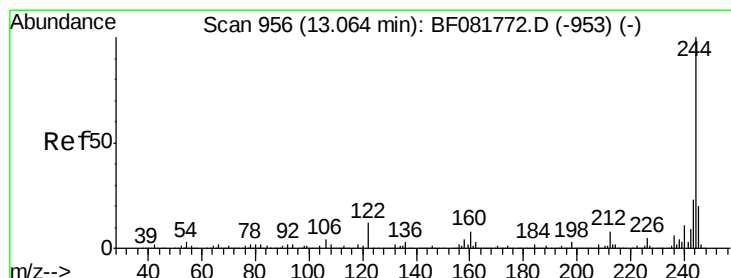
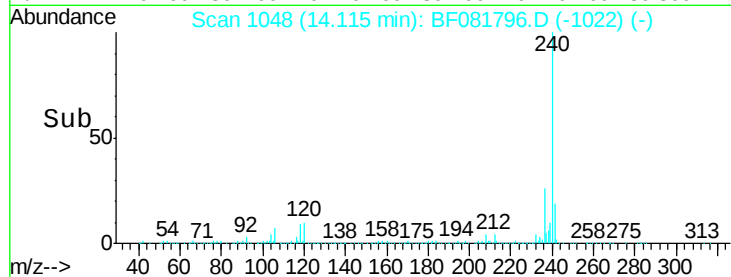
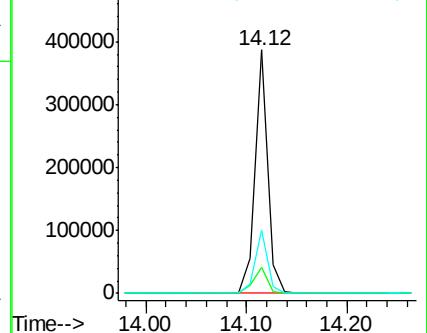
236 26.1 18.4 27.6



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



#78

Terphenyl-d14

Concen: 66.51 ng

RT: 13.06 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF081796.D

Acq: 25 Sep 2015 9:09

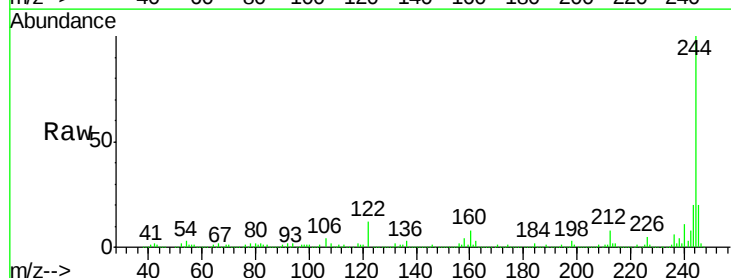
Tgt Ion:244 Resp: 988530

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

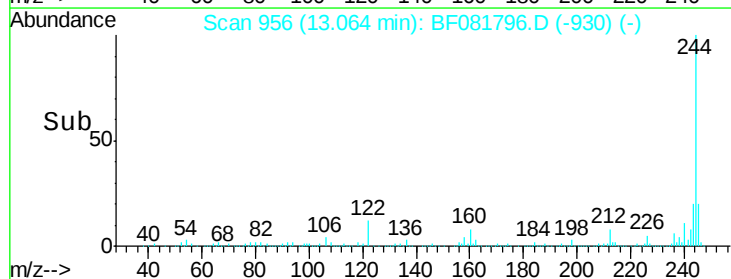
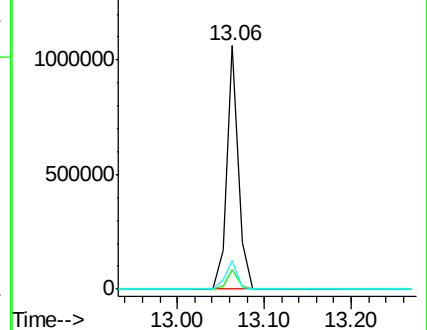
122 11.6 17.4 26.2#

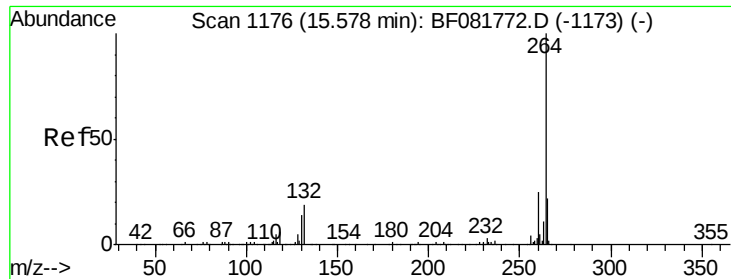


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.59 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF081796.D
Acq: 25 Sep 2015 9:09

Instrument :
BNA_F
ClientSampleId :
TEC-6

Tgt Ion: 264 Resp: 358803
Ion Ratio Lower Upper
264 100
260 24.5 16.7 25.1
265 21.9 17.2 25.8

