

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082898.D
 Acq On : 13 Nov 2015 15:35
 Operator : UM/IZ
 Sample : G4376-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FT

Quant Time: Nov 13 22:20:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

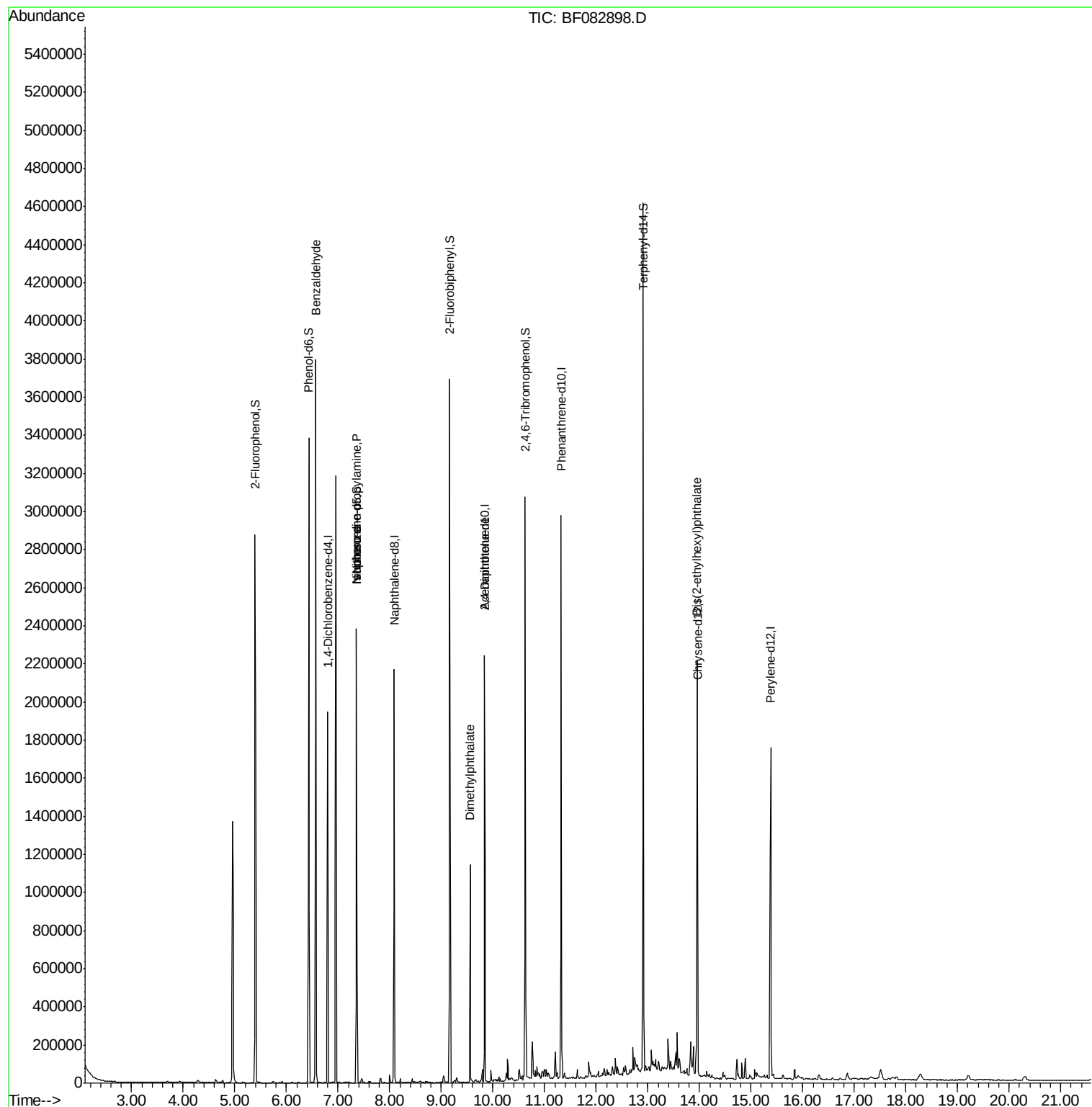
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	257325	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	1036262	20.00	ng	-0.06
38) Acenaphthene-d10	9.84	164	507812	20.00	ng	-0.06
63) Phenanthrene-d10	11.32	188	1010704	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	968199	20.00	ng	-0.06
86) Perylene-d12	15.38	264	851114	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1006997	60.89	ng	-0.06
7) Phenol-d6	6.43	99	1247295	56.73	ng	-0.05
23) Nitrobenzene-d5	7.36	82	826641	34.71	ng	-0.06
41) 2,4,6-Tribromophenol	10.62	330	315922	54.26	ng	-0.06
44) 2-Fluorobiphenyl	9.16	172	1292404	36.48	ng	-0.06
78) Terphenyl-d14	12.91	244	1336809	32.75	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.57	77	27596	2.27	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.36	70	109274	6.76	ng	# 71
25) Isophorone	7.36	82	726218	16.48	ng	# 69
49) Dimethylphthalate	9.56	163	448978	10.79	ng	98
56) 2,4-Dinitrotoluene	9.84	165	66078	5.49	ng	# 15
83) Bis(2-ethylhexyl)phthalate	13.95	149	88329	2.20	ng	# 95

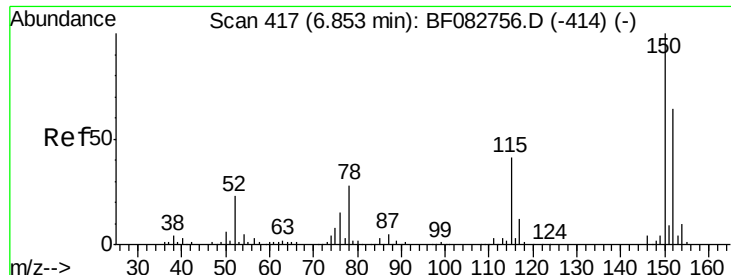
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF082898.D

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Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FT

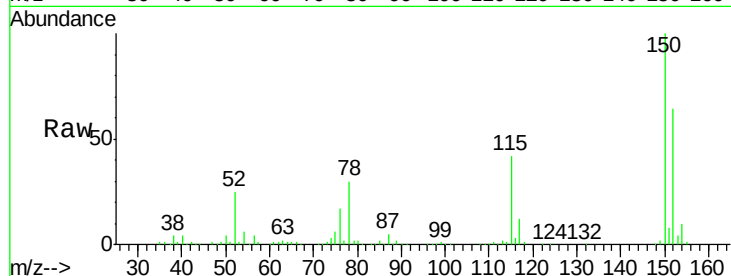
Tgt Ion:152 Resp: 257325

Ion Ratio Lower Upper

152 100

150 156.4 127.0 190.4

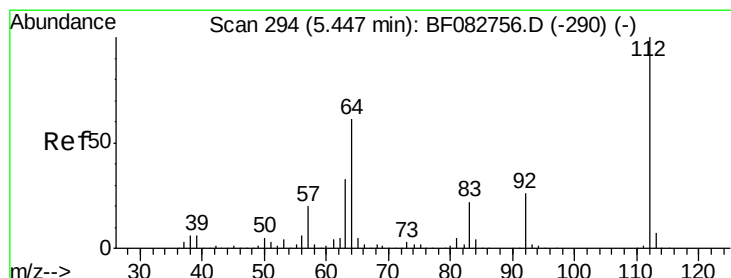
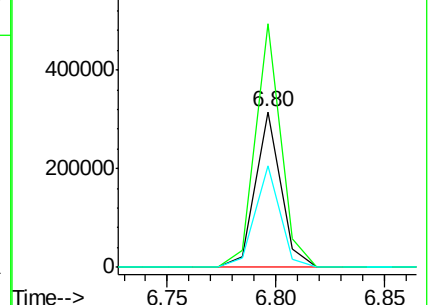
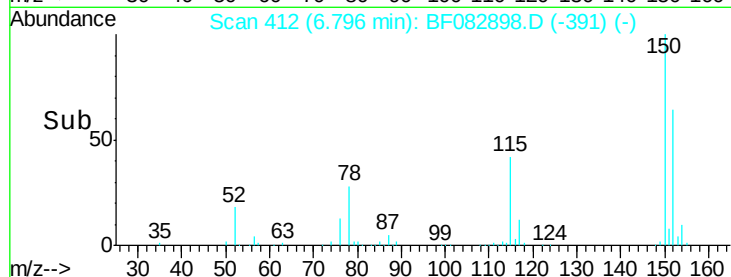
115 65.4 47.0 70.6



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: 60.89 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF082898.D

Acq: 13 Nov 2015 15:35

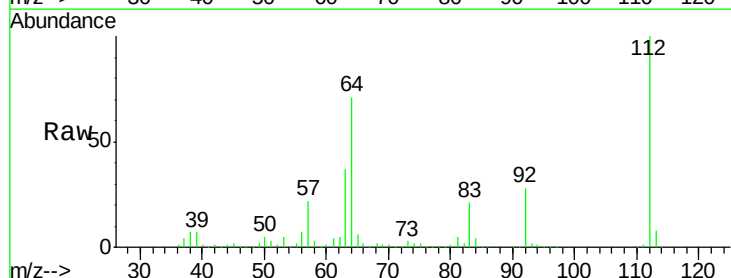
Tgt Ion:112 Resp: 1006997

Ion Ratio Lower Upper

112 100

64 70.8 48.9 73.3

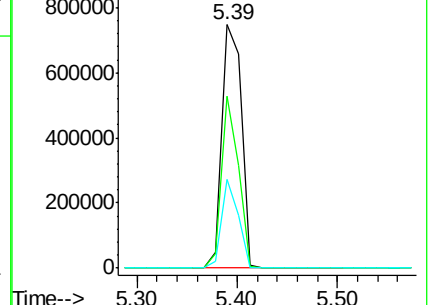
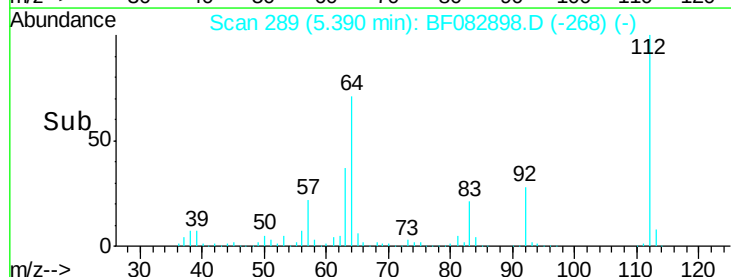
63 36.6 28.1 42.1

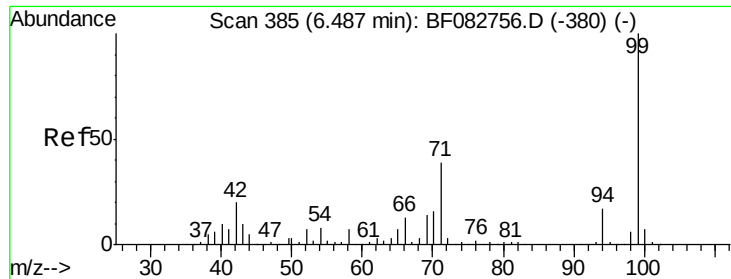


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 56.73 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082898.D

Acq: 13 Nov 2015 15:35

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FT

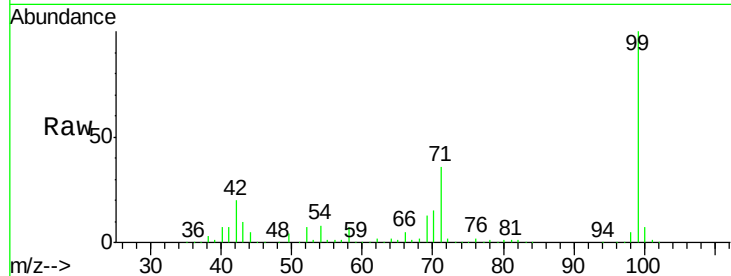
Tgt Ion: 99 Resp: 1247295

Ion Ratio Lower Upper

99 100

42 19.7 19.2 28.8

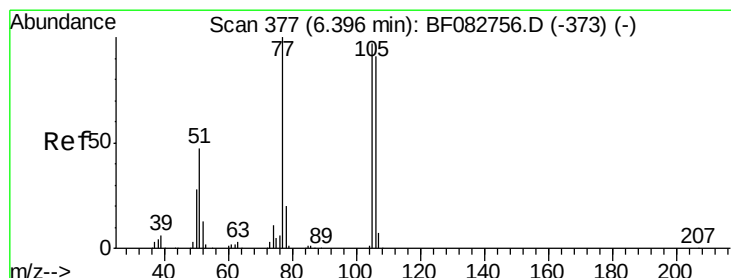
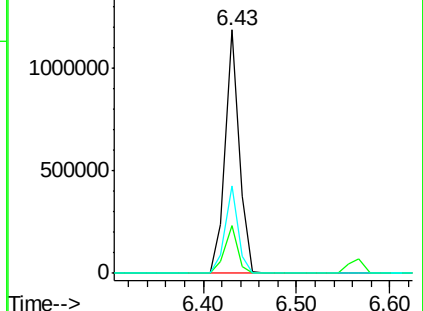
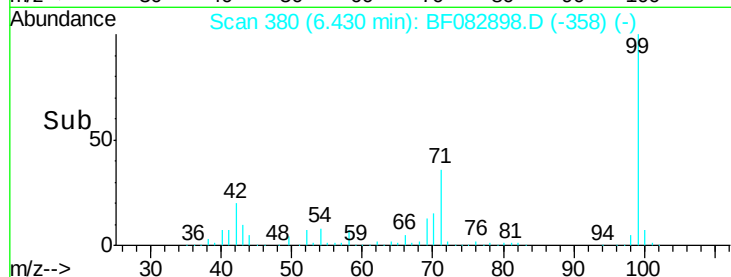
71 36.2 35.0 52.4



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: 2.27 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.17 min

Lab File: BF082898.D

Acq: 13 Nov 2015 15:35

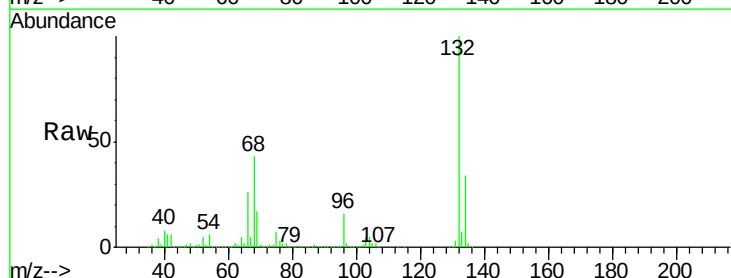
Tgt Ion: 77 Resp: 27596

Ion Ratio Lower Upper

77 100

105 77.7 63.5 103.5

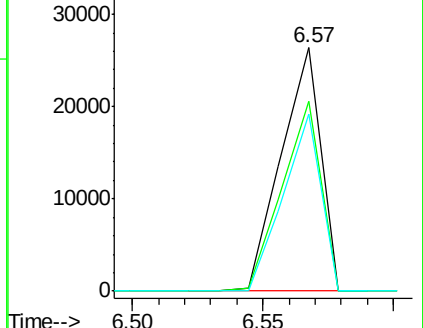
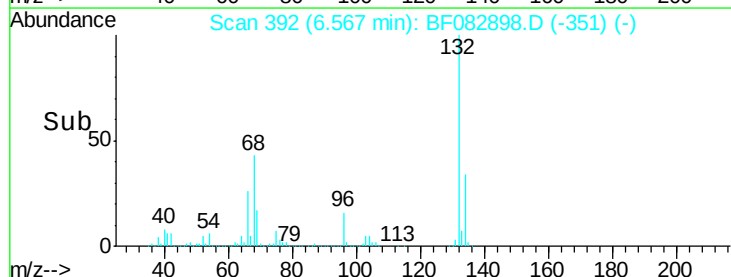
106 72.6 59.3 99.3

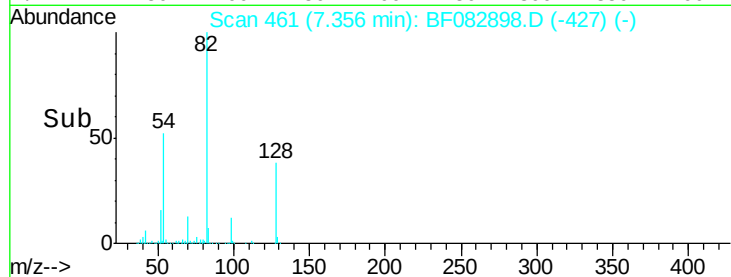
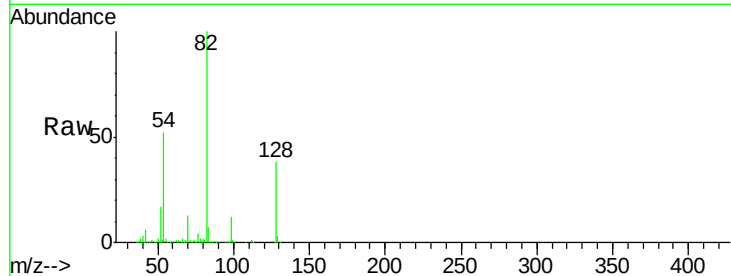
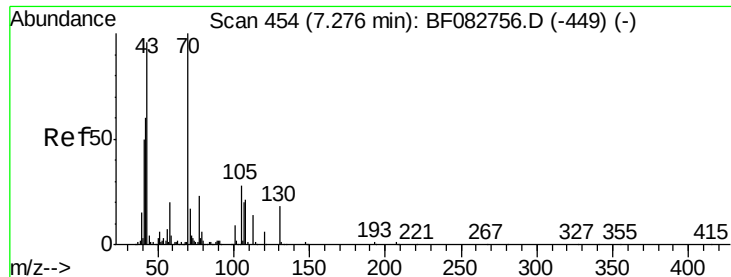


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

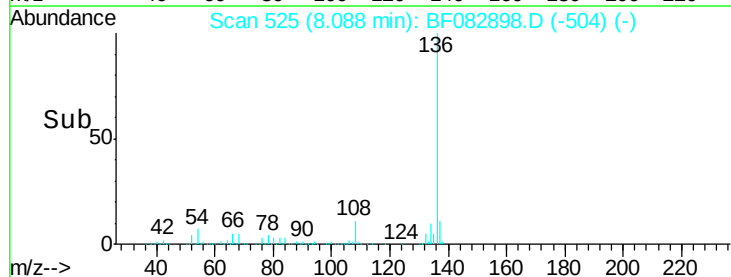
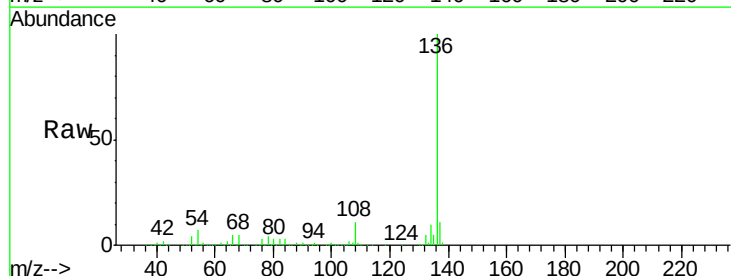
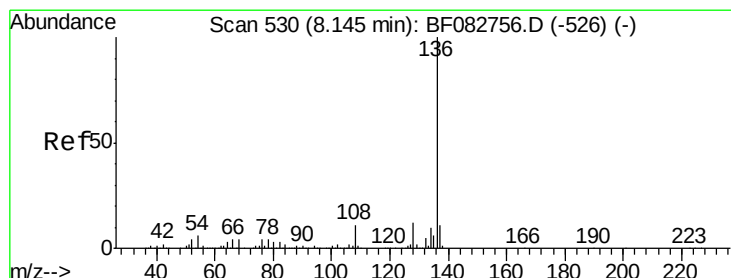
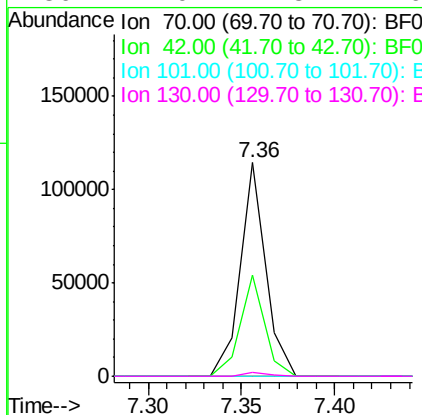




#19
n-Nitroso-di-n-propylamine
Concen: 6.76 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.09 min
Lab File: BF082898.D
Acq: 13 Nov 2015 15:35

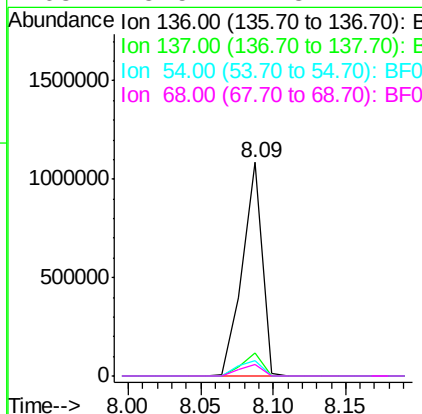
Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FT

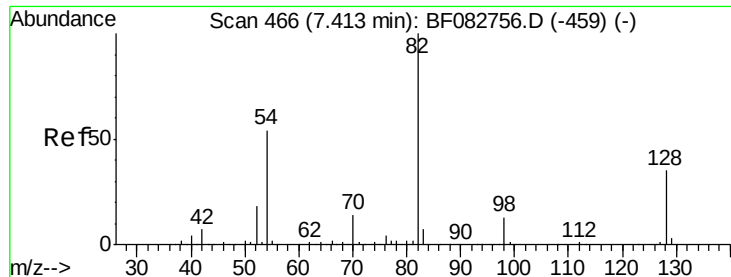
Tgt Ion:	70	Resp:	109274
Ion	Ratio	Lower	Upper
70	100		
42	47.3	57.7	86.5#
101	0.0	7.0	10.6#
130	2.0	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082898.D
Acq: 13 Nov 2015 15:35

Tgt Ion:	136	Resp:	1036262
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.1	9.1	13.7#
68	5.5	4.8	7.2

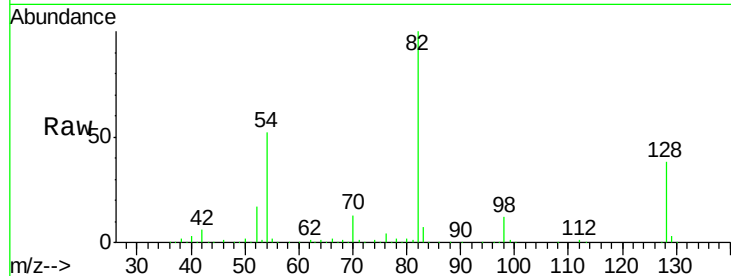




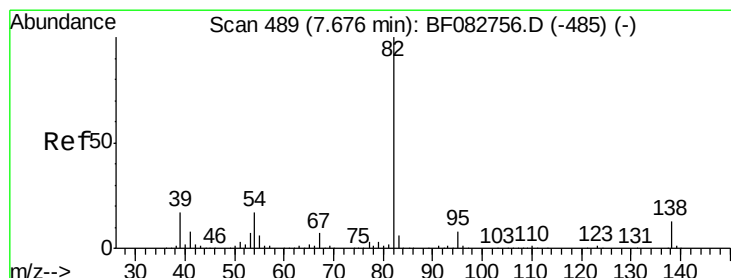
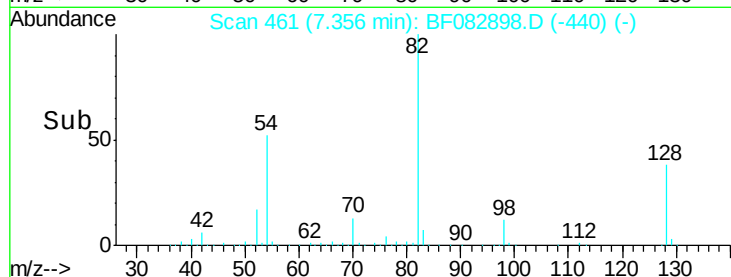
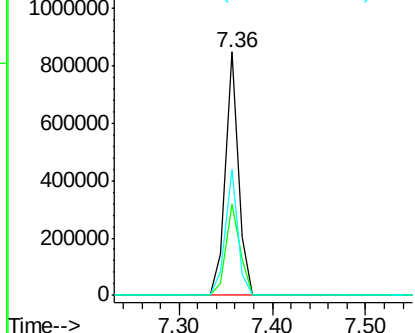
#23
 Nitrobenzene-d5
 Concen: 34.71 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.06 min
 Lab File: BF082898.D
 Acq: 13 Nov 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FT

Tgt Ion: 82 Resp: 826641
 Ion Ratio Lower Upper
 82 100
 128 37.5 26.8 40.2
 54 51.8 45.7 68.5

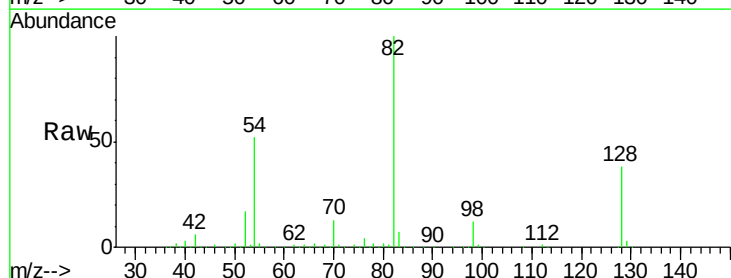


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

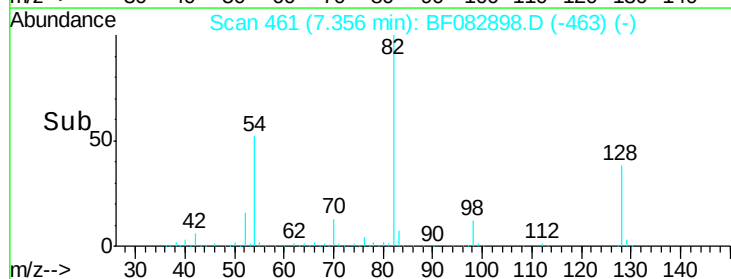
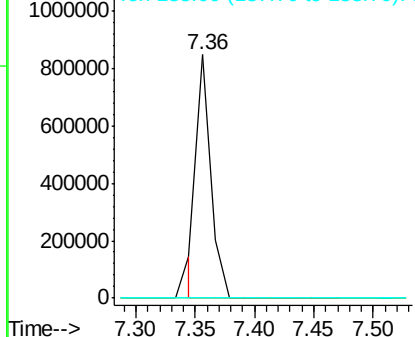


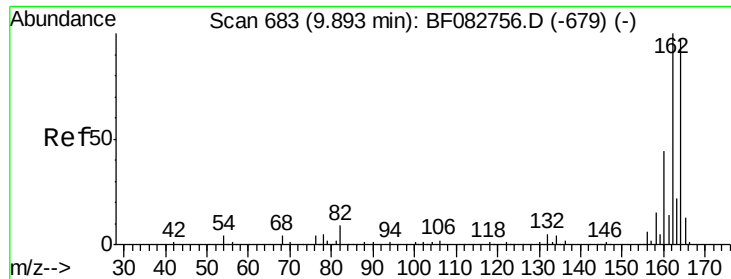
#25
 Isophorone
 Concen: 16.48 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.32 min
 Lab File: BF082898.D
 Acq: 13 Nov 2015 15:35

Tgt Ion: 82 Resp: 726218
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#



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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.06 min

Lab File: BF082898.D

Acq: 13 Nov 2015 15:35

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FT

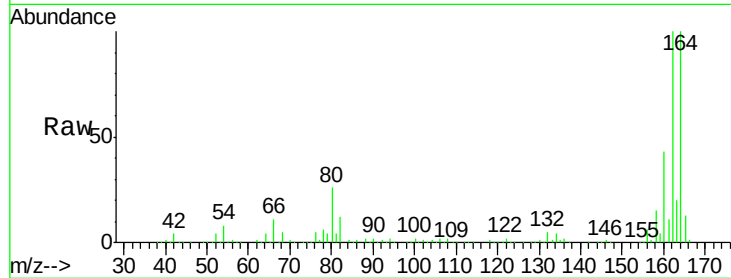
Tgt Ion:164 Resp: 507812

Ion Ratio Lower Upper

164 100

162 99.9 84.9 127.3

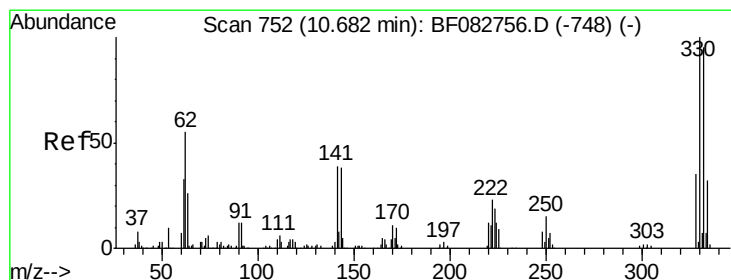
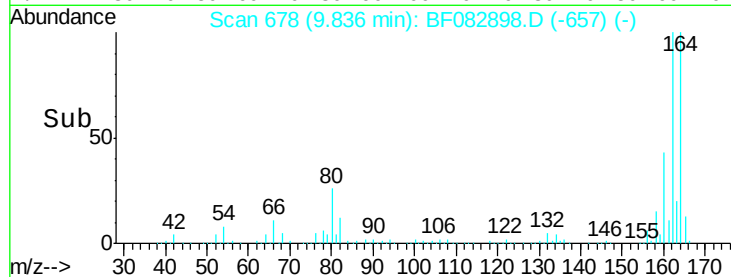
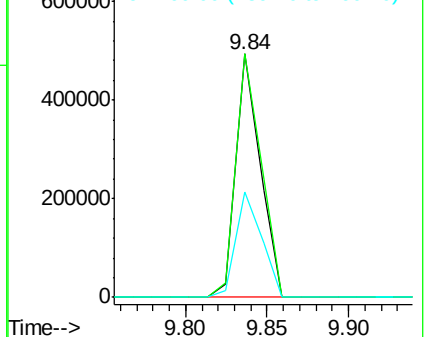
160 43.4 37.5 56.3



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: 54.26 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.06 min

Lab File: BF082898.D

Acq: 13 Nov 2015 15:35

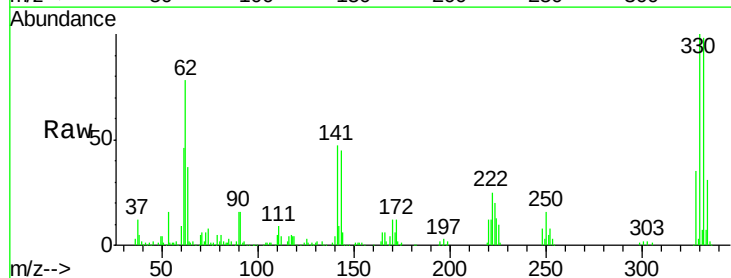
Tgt Ion:330 Resp: 315922

Ion Ratio Lower Upper

330 100

332 98.2 76.6 114.8

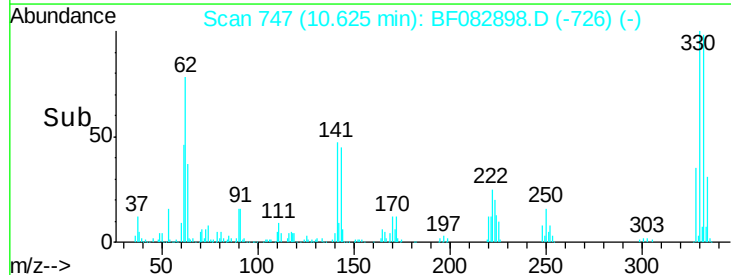
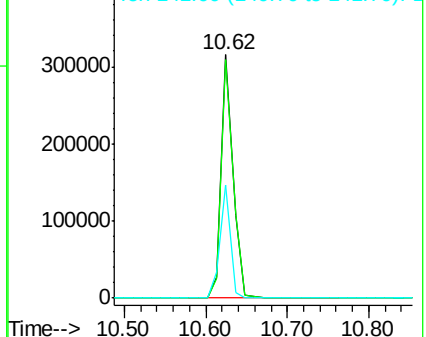
141 41.3 41.2 61.8

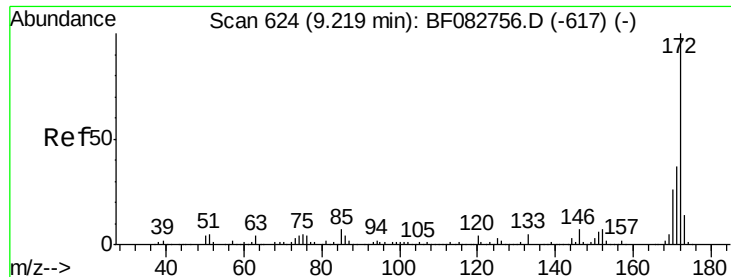


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

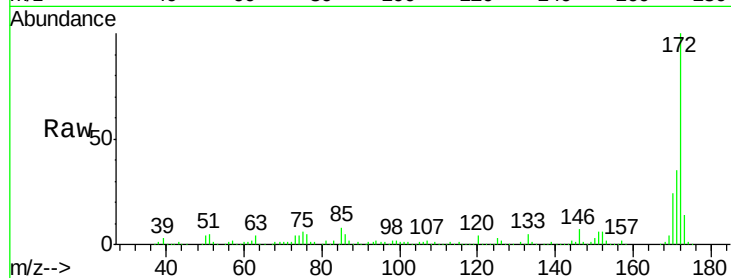




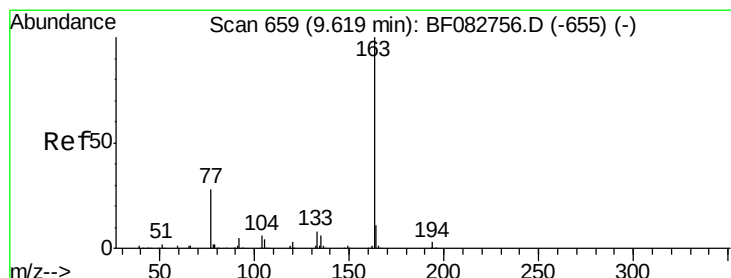
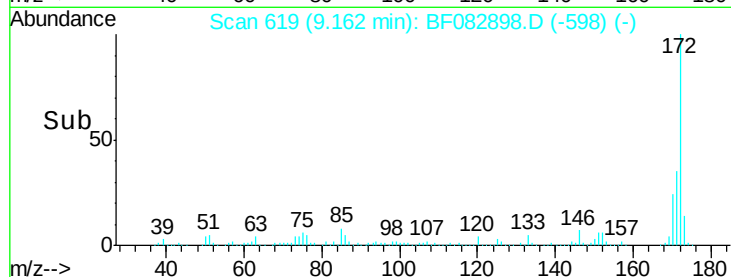
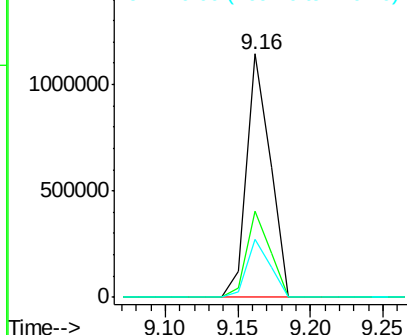
#44
 2-Fluorobiphenyl
 Concen: 36.48 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF082898.D
 Acq: 13 Nov 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FT

Tgt Ion:172 Resp: 1292404
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.8 46.2
 170 24.1 21.2 31.8

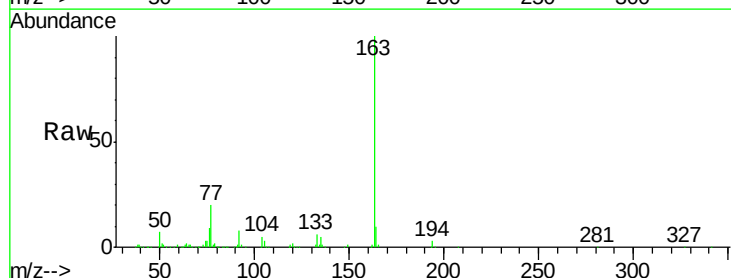


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

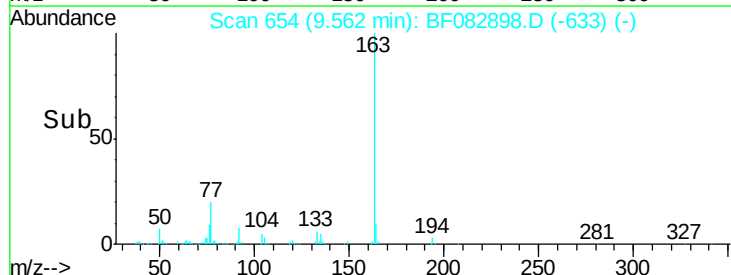
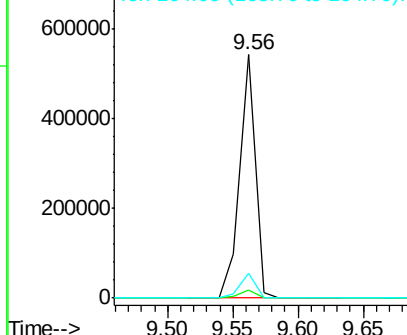


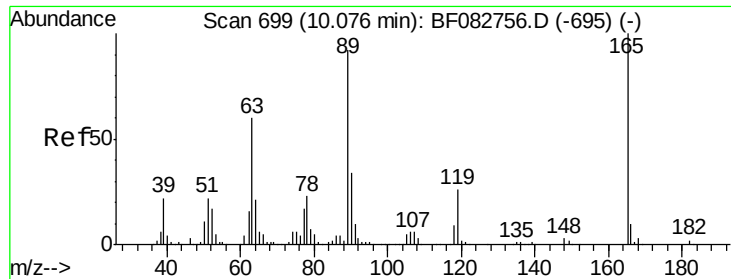
#49
 Dimethylphthalate
 Concen: 10.79 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF082898.D
 Acq: 13 Nov 2015 15:35

Tgt Ion:163 Resp: 448978
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.2 8.7 13.1



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

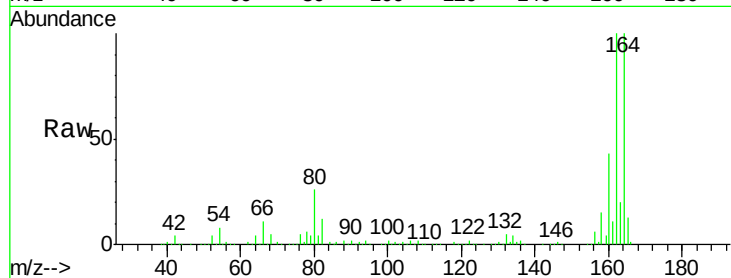




#56
2,4-Dinitrotoluene
Concen: 5.49 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.24 min
Lab File: BF082898.D
Acq: 13 Nov 2015 15:35

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FT

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.0#
89	1.3	70.6	106.0#
182	0.0	1.5	2.3#



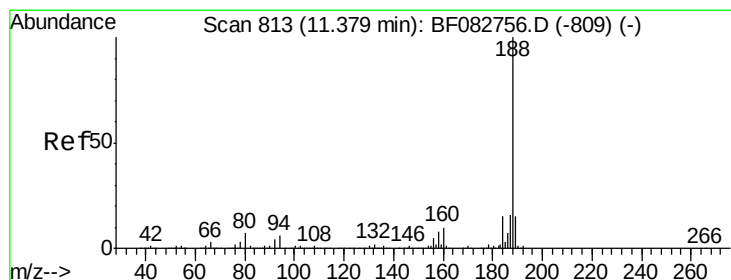
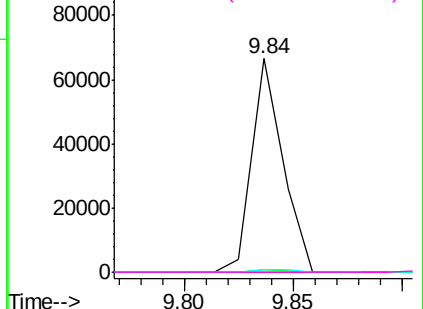
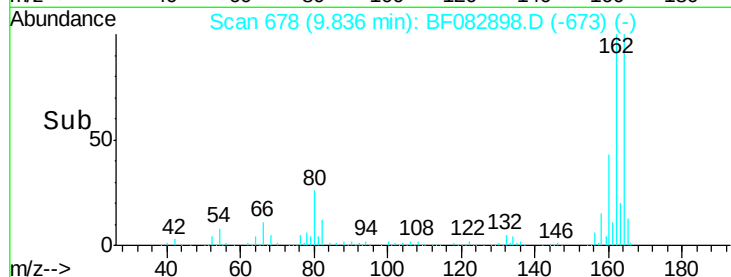
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

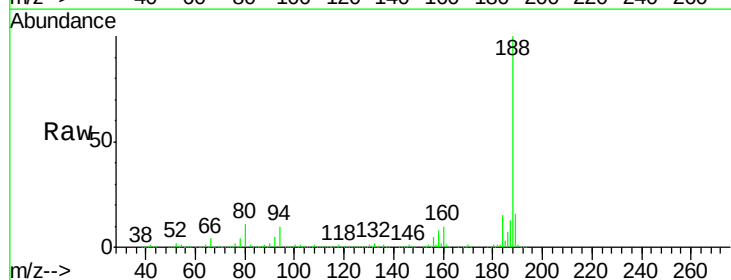
Ion 89.00 (88.70 to 89.70): BF0

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. -0.06 min
Lab File: BF082898.D
Acq: 13 Nov 2015 15:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.1	9.1#
80	10.9	7.0	10.6#

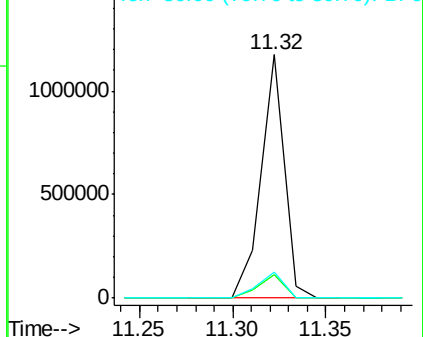
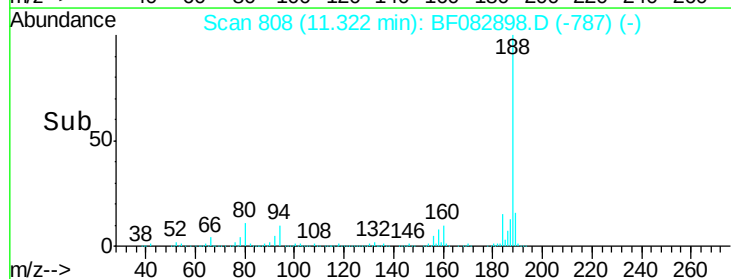


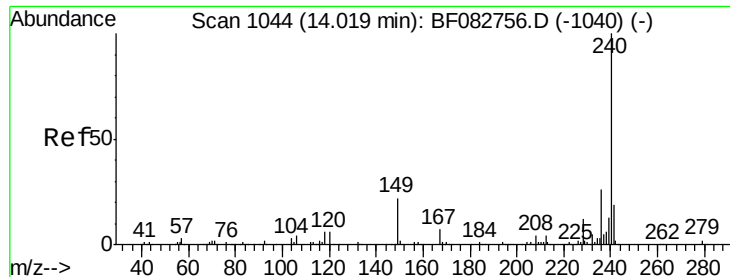
Abundance

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: 13.96 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF082898.D

Acq: 13 Nov 2015 15:35

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FT

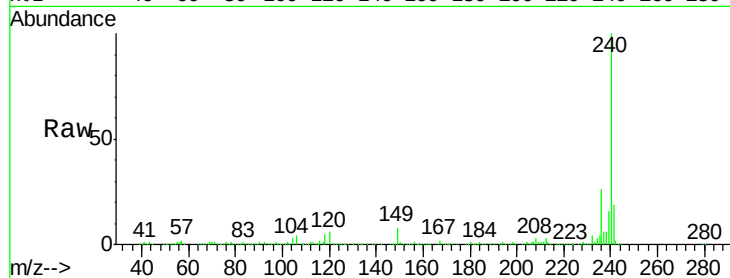
Tgt Ion:240 Resp: 968199

Ion Ratio Lower Upper

240 100

120 5.5 10.9 16.3#

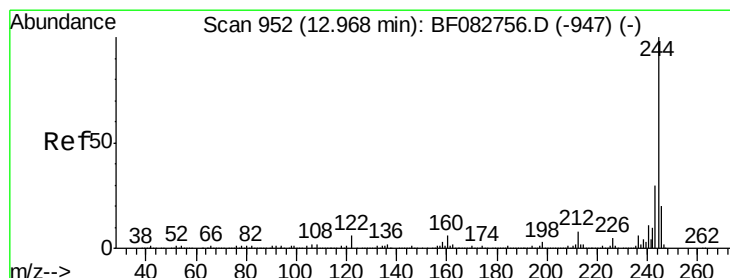
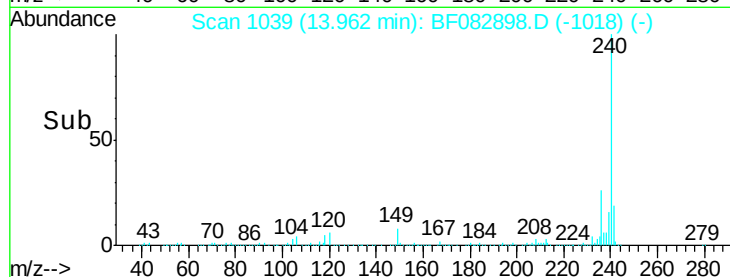
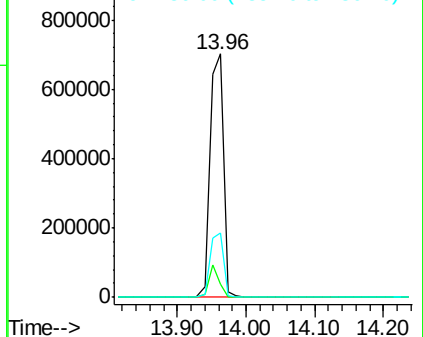
236 26.4 21.6 32.4



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: 32.75 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF082898.D

Acq: 13 Nov 2015 15:35

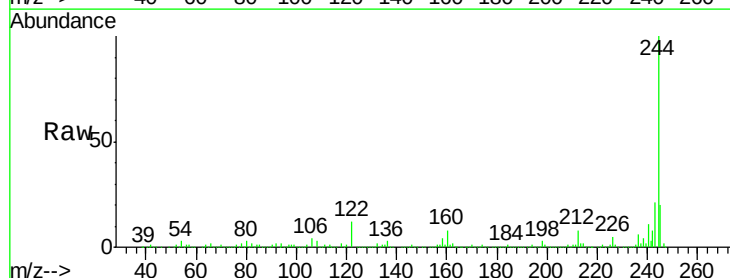
Tgt Ion:244 Resp: 1336809

Ion Ratio Lower Upper

244 100

212 8.0 7.6 11.4

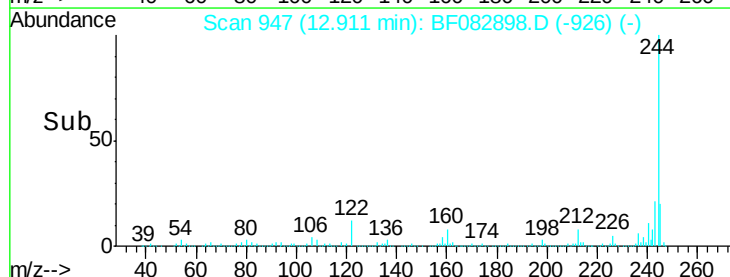
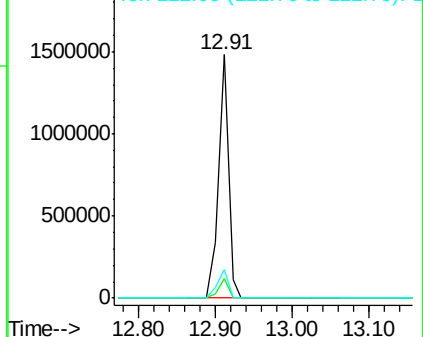
122 11.6 11.3 16.9

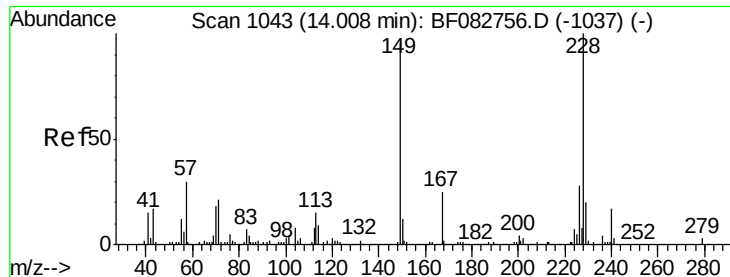


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

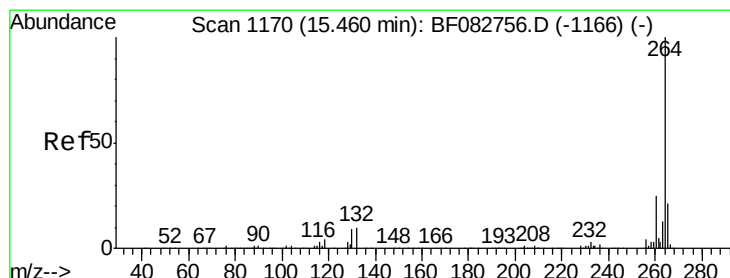
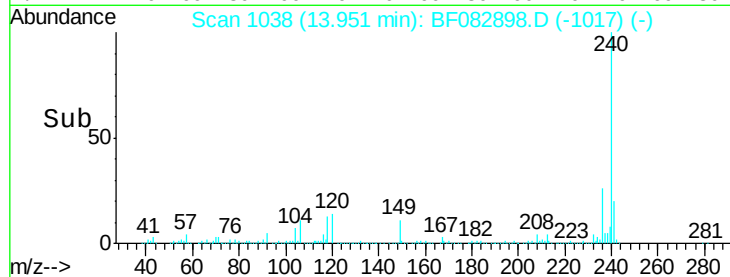
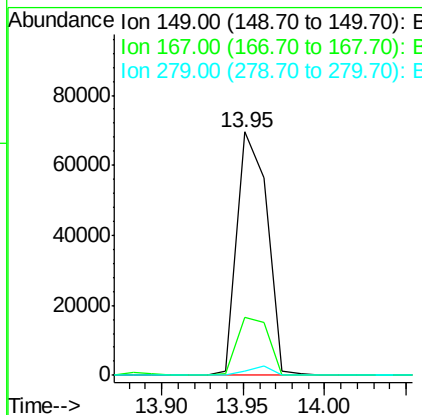
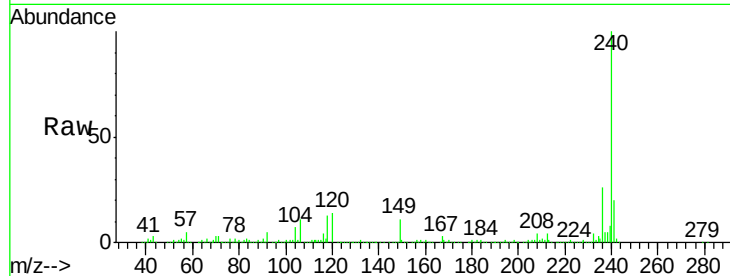




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.20 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.06 min
 Lab File: BF082898.D
 Acq: 13 Nov 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FT

Tgt Ion:149 Resp: 88329
 Ion Ratio Lower Upper
 149 100
 167 24.0 21.2 31.8
 279 1.7 2.2 3.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.08 min
 Lab File: BF082898.D
 Acq: 13 Nov 2015 15:35

Tgt Ion:264 Resp: 851114
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.8 29.6
 265 22.6 17.4 26.0

