

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082897.D
 Acq On : 13 Nov 2015 15:06
 Operator : UM/IZ
 Sample : G4376-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-5-7FT

Quant Time: Nov 13 22:20:20 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

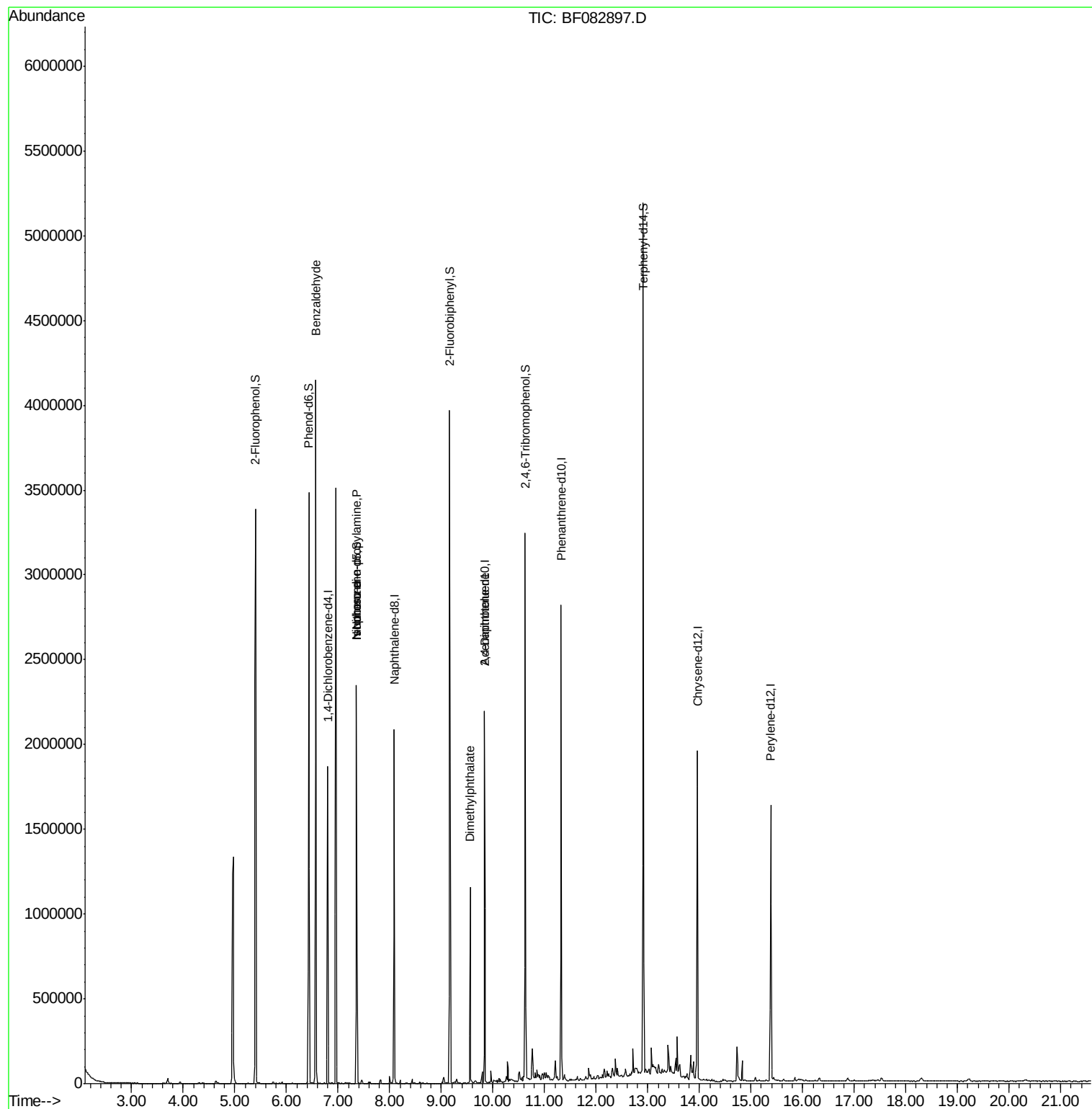
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	243067	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	1001670	20.00	ng	-0.06
38) Acenaphthene-d10	9.84	164	487210	20.00	ng	-0.06
63) Phenanthrene-d10	11.32	188	983453	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	975005	20.00	ng	-0.06
86) Perylene-d12	15.38	264	849197	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1154891	73.93	ng	-0.05
7) Phenol-d6	6.43	99	1344079	64.72	ng	-0.05
23) Nitrobenzene-d5	7.36	82	873568	37.95	ng	-0.06
41) 2,4,6-Tribromophenol	10.62	330	336883	60.30	ng	-0.06
44) 2-Fluorobiphenyl	9.16	172	1473370	43.34	ng	-0.06
78) Terphenyl-d14	12.91	244	1542260	37.52	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.57	77	30423	2.65	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.36	70	113039	7.40	ng	# 72
25) Isophorone	7.36	82	768244	18.04	ng	# 69
49) Dimethylphthalate	9.56	163	458077	11.48	ng	98
56) 2,4-Dinitrotoluene	9.84	165	62866	5.44	ng	# 16

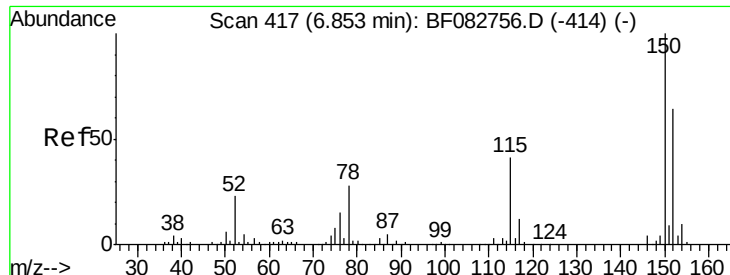
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF082897.D

Acq: 13 Nov 2015 15:06

Instrument :

BNA_F

ClientSampleId :

SB-5-5-7FT

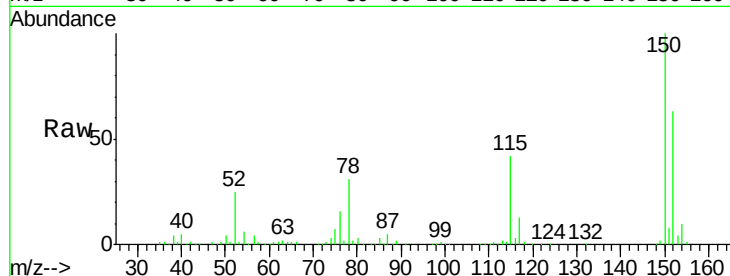
Tgt Ion:152 Resp: 243067

Ion Ratio Lower Upper

152 100

150 159.4 127.0 190.4

115 67.4 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

600000

500000

400000

300000

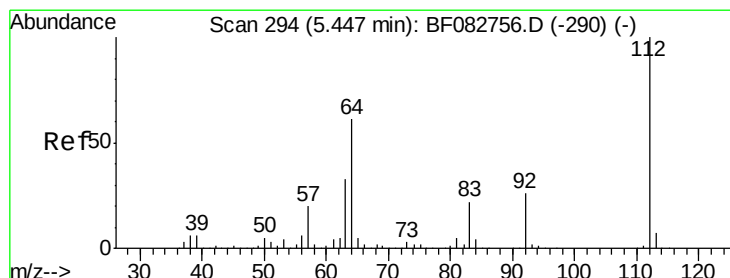
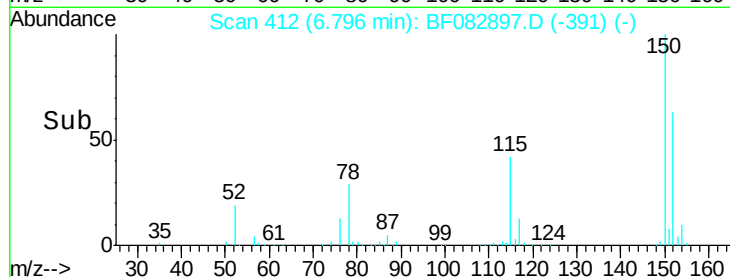
200000

100000

0

6.75 6.80 6.85

Time-->



#5

2-Fluorophenol

Concen: 73.93 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF082897.D

Acq: 13 Nov 2015 15:06

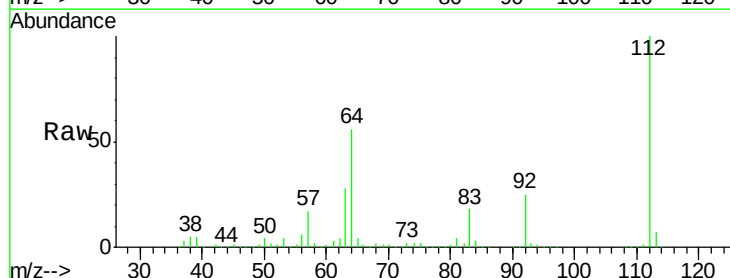
Tgt Ion:112 Resp: 1154891

Ion Ratio Lower Upper

112 100

64 55.7 48.9 73.3

63 28.1 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

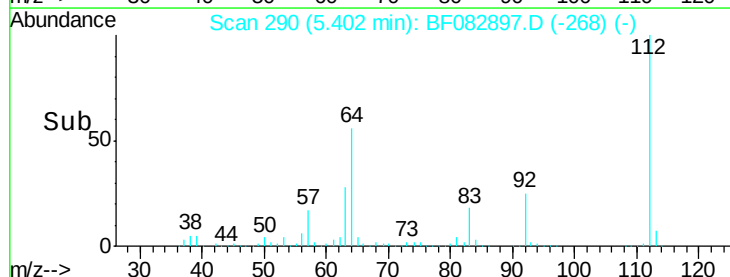
1000000

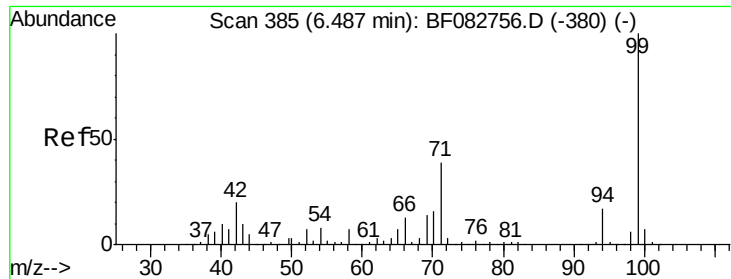
500000

0

5.30 5.40 5.50 5.60

Time-->





#7

Phenol-d6

Concen: 64.72 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082897.D

Acq: 13 Nov 2015 15:06

Instrument :

BNA_F

ClientSampleId :

SB-5-5-7FT

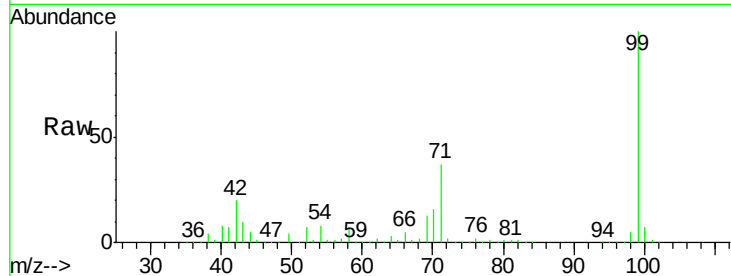
Tgt Ion: 99 Resp: 1344079

Ion Ratio Lower Upper

99 100

42 19.9 19.2 28.8

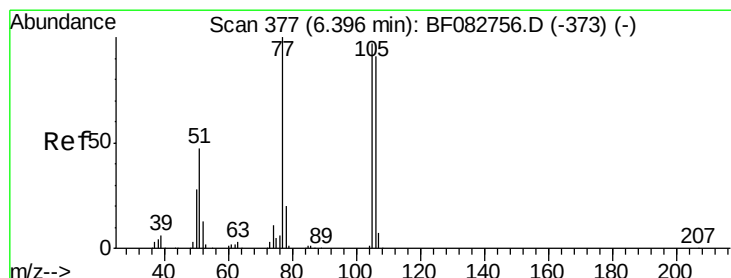
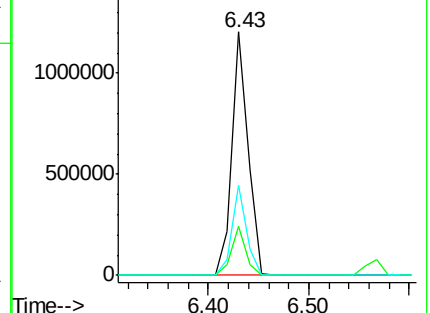
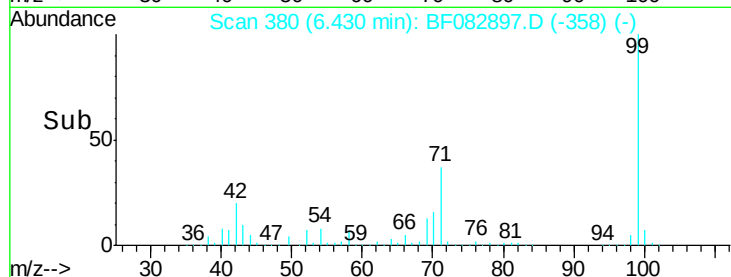
71 37.1 35.0 52.4



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: 2.65 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.17 min

Lab File: BF082897.D

Acq: 13 Nov 2015 15:06

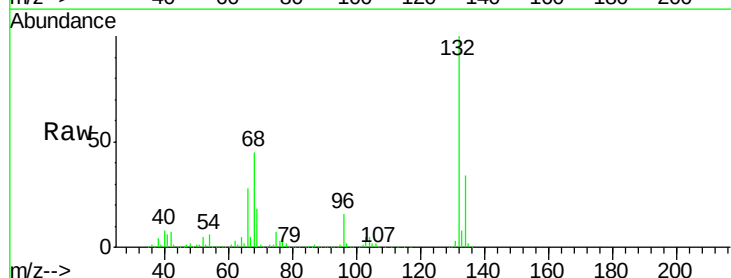
Tgt Ion: 77 Resp: 30423

Ion Ratio Lower Upper

77 100

105 76.4 63.5 103.5

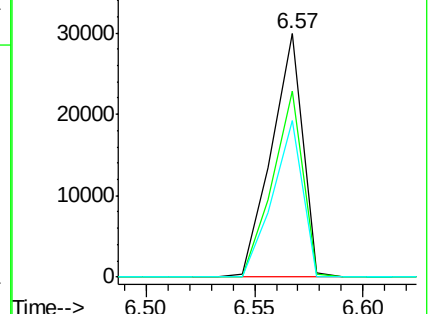
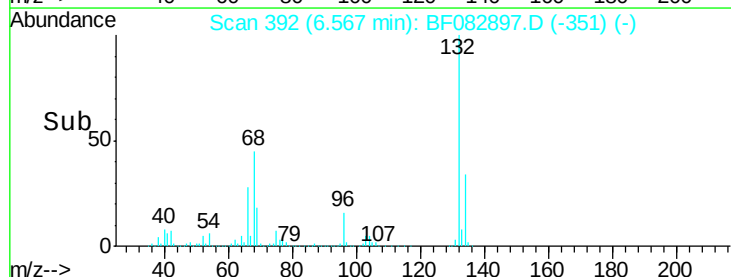
106 64.4 59.3 99.3

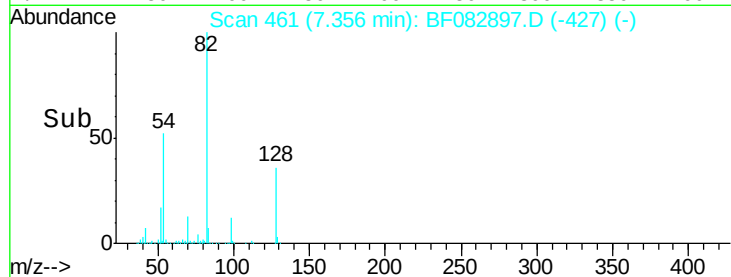
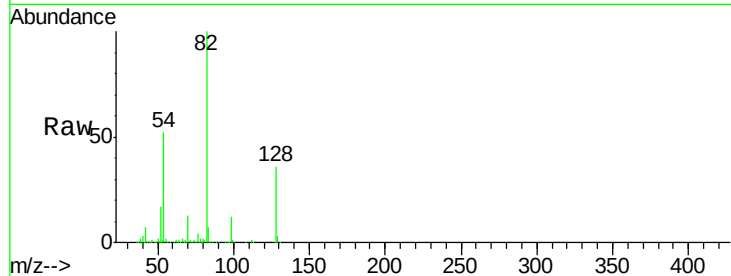
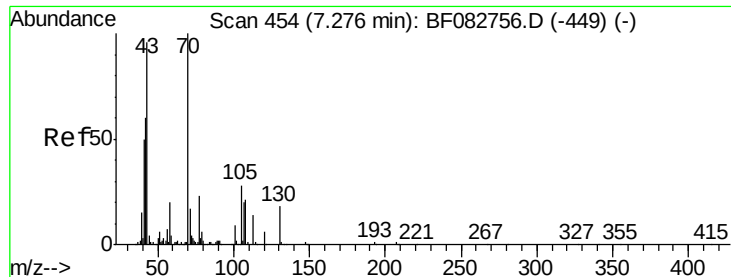


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

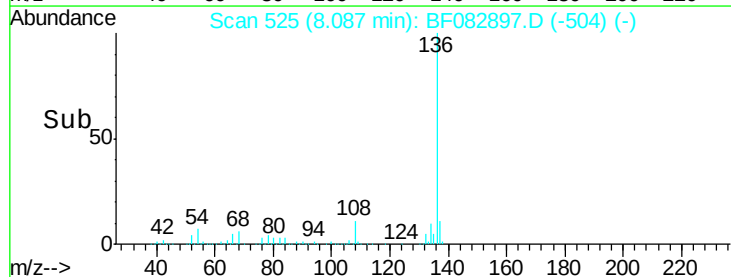
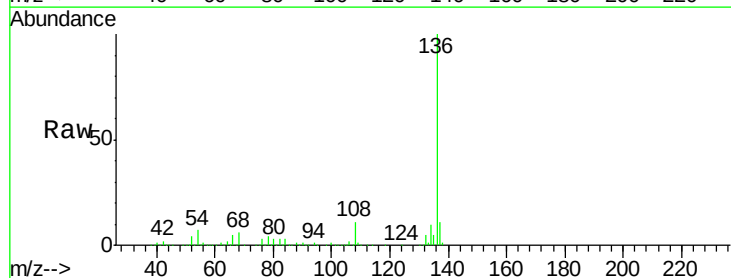
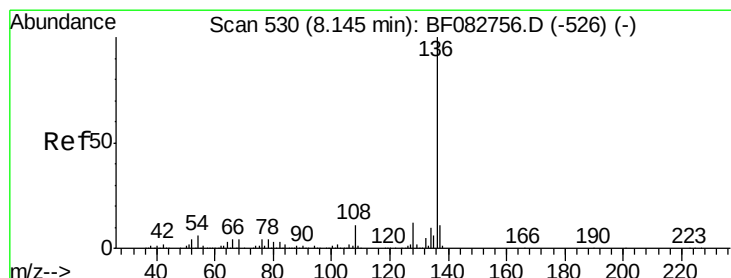
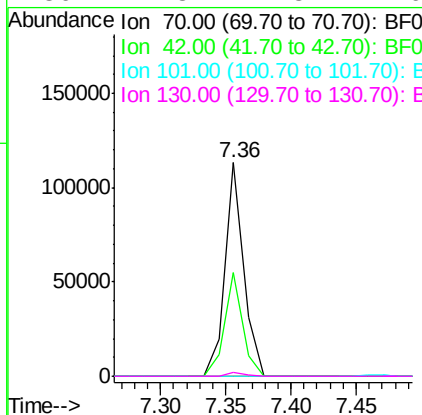




#19
n-Nitroso-di-n-propylamine
Concen: 7.40 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.09 min
Lab File: BF082897.D
Acq: 13 Nov 2015 15:06

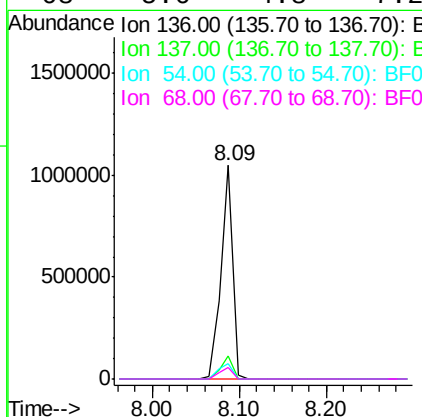
Instrument :
BNA_F
ClientSampleId :
SB-5-5-7FT

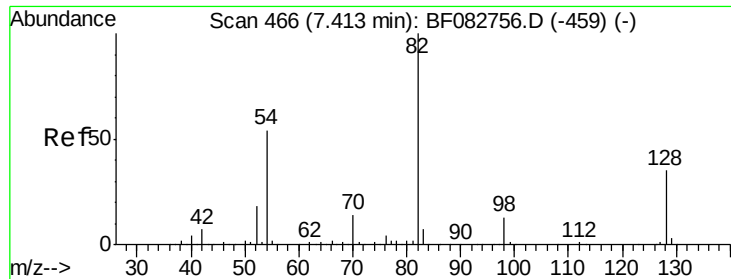
Tgt Ion:	70	Resp:	113039
Ion	Ratio	Lower	Upper
70	100		
42	48.6	57.7	86.5#
101	0.0	7.0	10.6#
130	1.8	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082897.D
Acq: 13 Nov 2015 15:06

Tgt Ion:	136	Resp:	1001670
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.3	9.1	13.7#
68	5.6	4.8	7.2

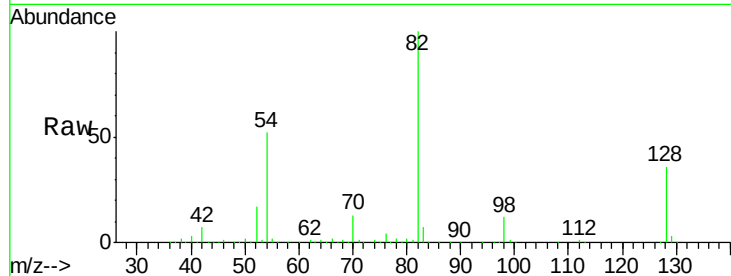




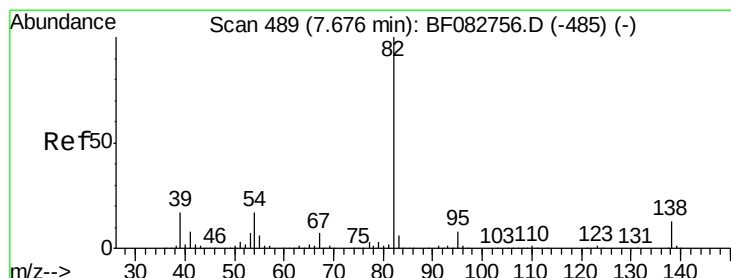
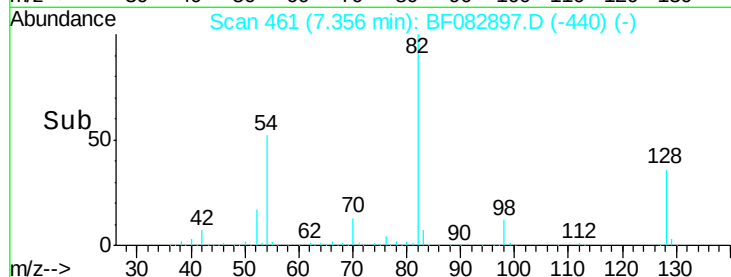
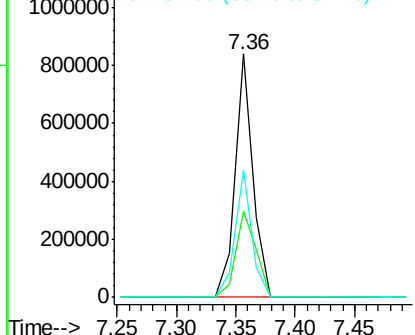
#23
 Nitrobenzene-d5
 Concen: 37.95 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.06 min
 Lab File: BF082897.D
 Acq: 13 Nov 2015 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-5-7FT

Tgt Ion: 82 Resp: 873568
 Ion Ratio Lower Upper
 82 100
 128 35.6 26.8 40.2
 54 52.3 45.7 68.5

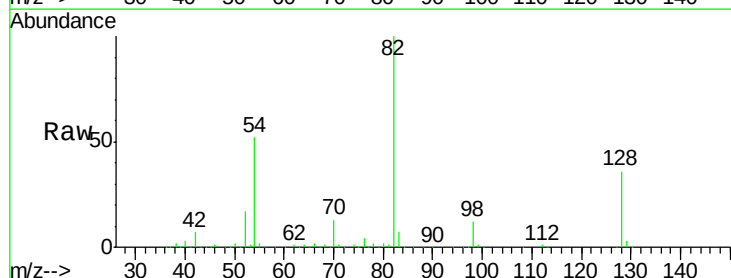


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

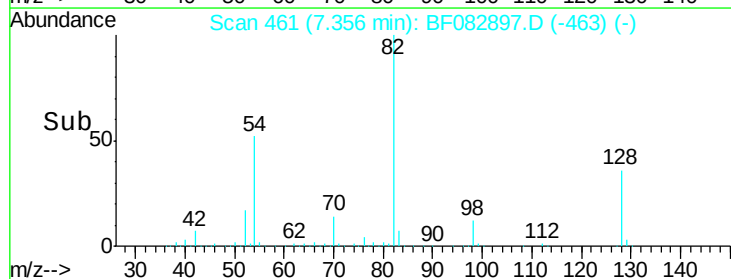
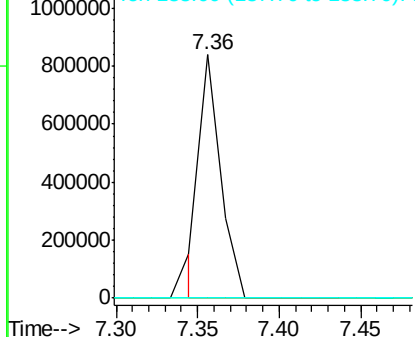


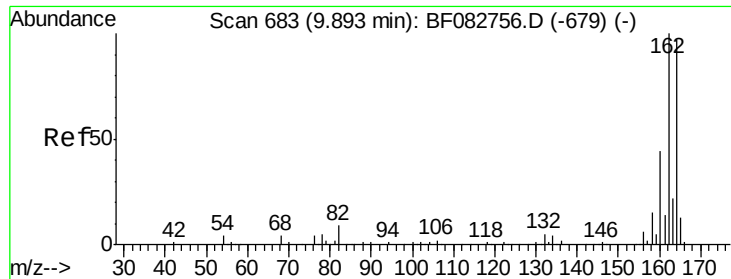
#25
 Isophorone
 Concen: 18.04 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.32 min
 Lab File: BF082897.D
 Acq: 13 Nov 2015 15:06

Tgt Ion: 82 Resp: 768244
 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: BF082897.D

Acq: 13 Nov 2015 15:06

Instrument :

BNA_F

ClientSampleId :

SB-5-5-7FT

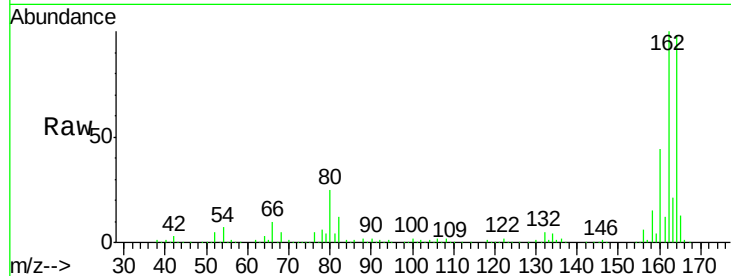
Tgt Ion:164 Resp: 487210

Ion Ratio Lower Upper

164 100

162 102.2 84.9 127.3

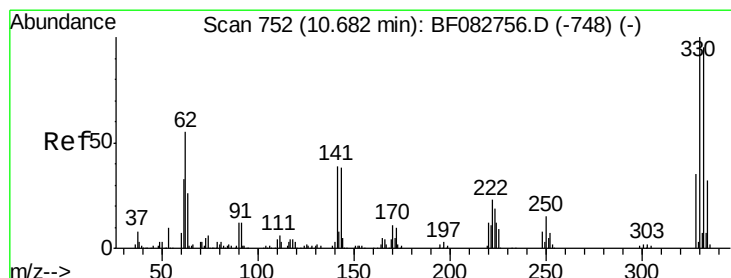
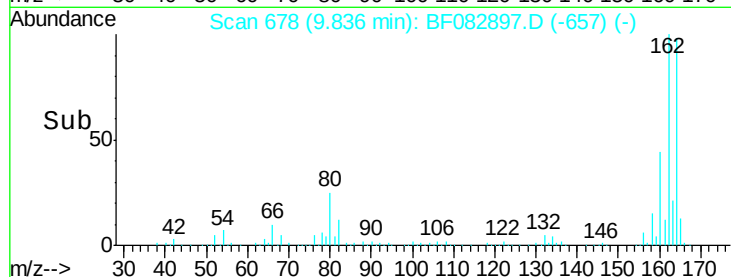
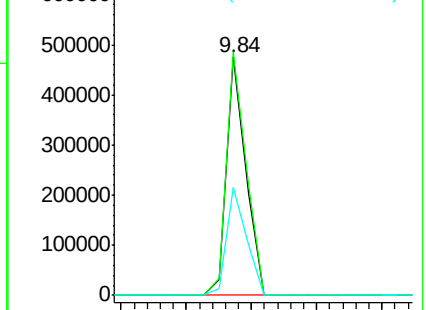
160 45.2 37.5 56.3



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: 60.30 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.06 min

Lab File: BF082897.D

Acq: 13 Nov 2015 15:06

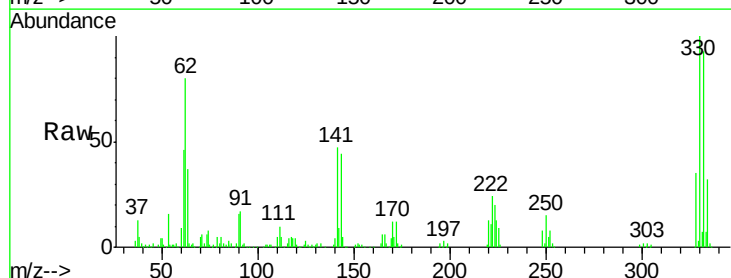
Tgt Ion:330 Resp: 336883

Ion Ratio Lower Upper

330 100

332 94.0 76.6 114.8

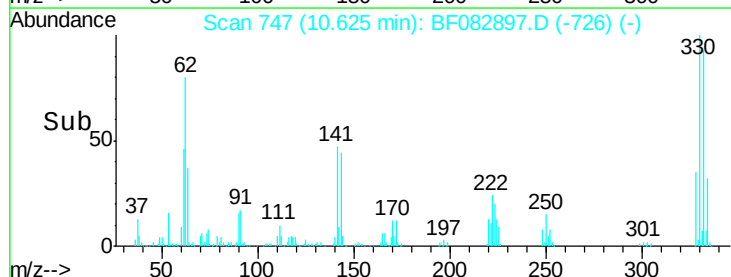
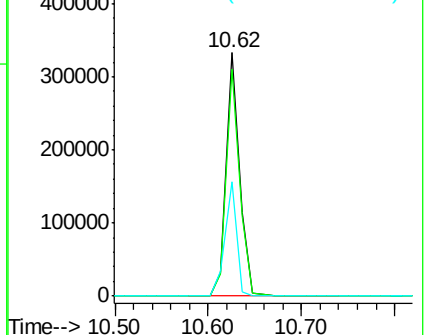
141 41.2 41.2 61.8#

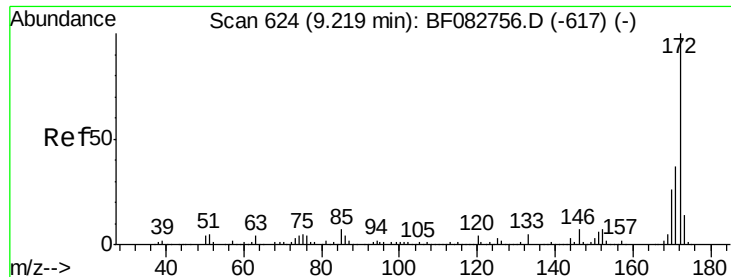


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

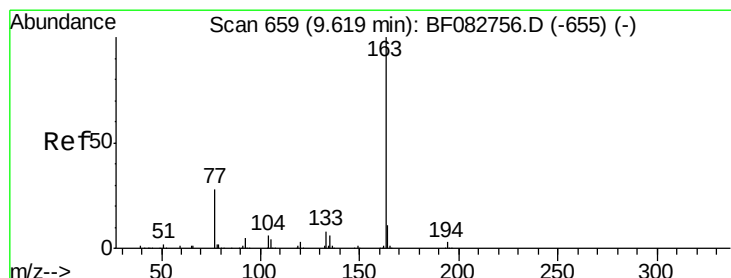
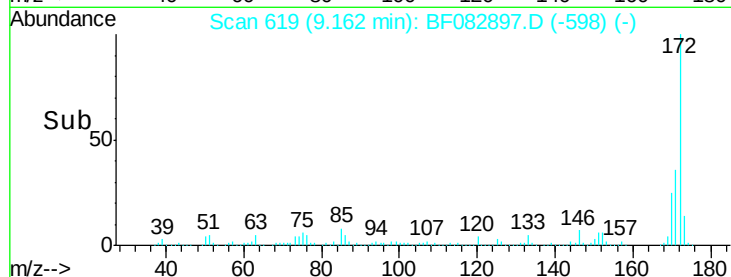
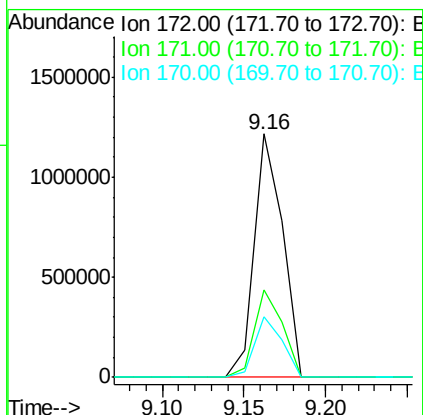
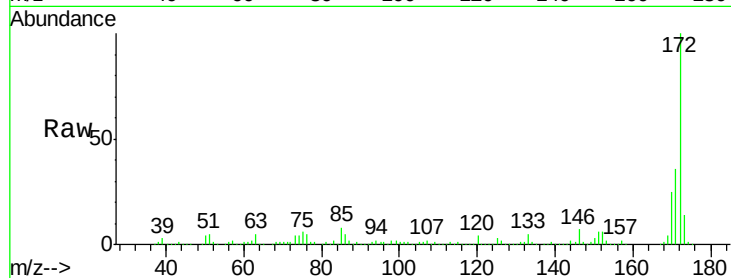




#44
 2-Fluorobiphenyl
 Concen: 43.34 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF082897.D
 Acq: 13 Nov 2015 15:06

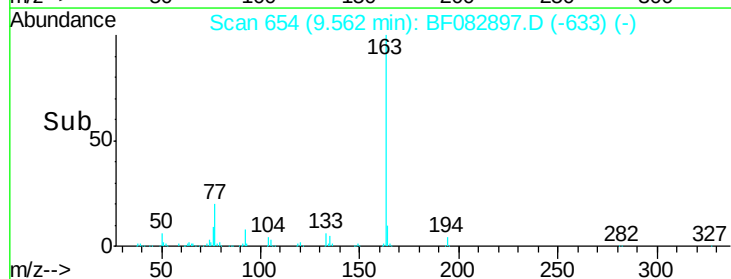
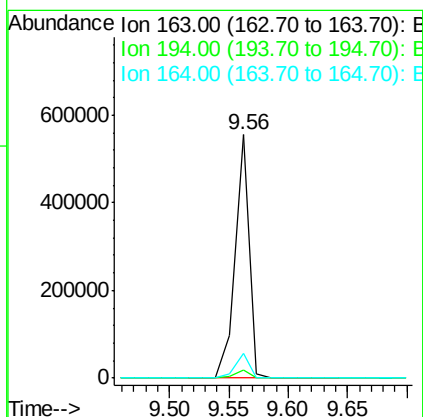
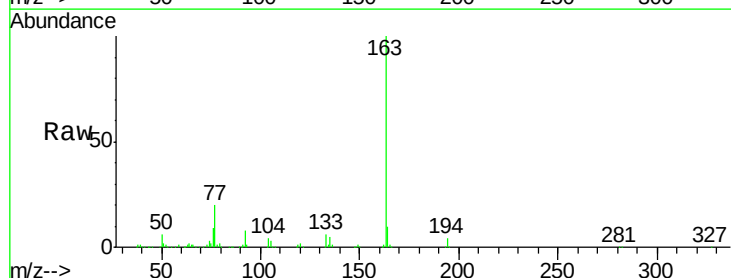
Instrument :
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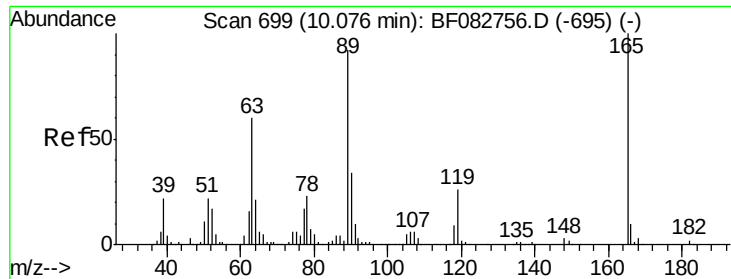
Tgt Ion:172 Resp: 1473370
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.8 46.2
 170 24.8 21.2 31.8



#49
 Dimethylphthalate
 Concen: 11.48 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF082897.D
 Acq: 13 Nov 2015 15:06

Tgt Ion:163 Resp: 458077
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 10.0 8.7 13.1

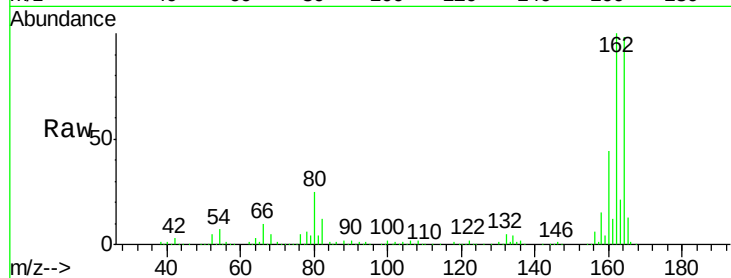




#56
 2,4-Dinitrotoluene
 Concen: 5.44 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.24 min
 Lab File: BF082897.D
 Acq: 13 Nov 2015 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-5-7FT

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.0#
89	1.7	70.6	106.0#
182	0.0	1.5	2.3#

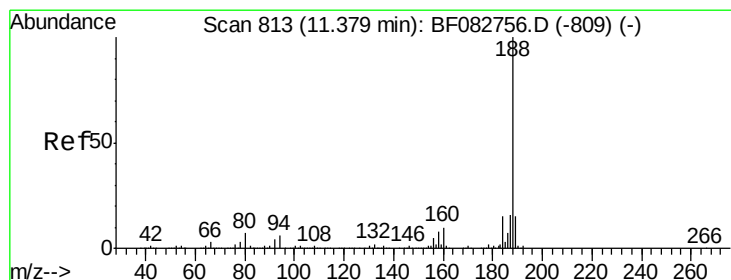
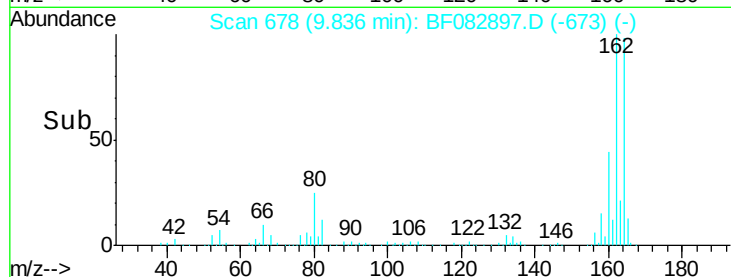
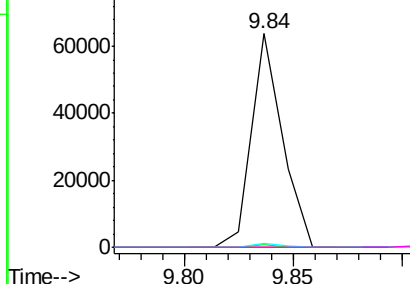


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

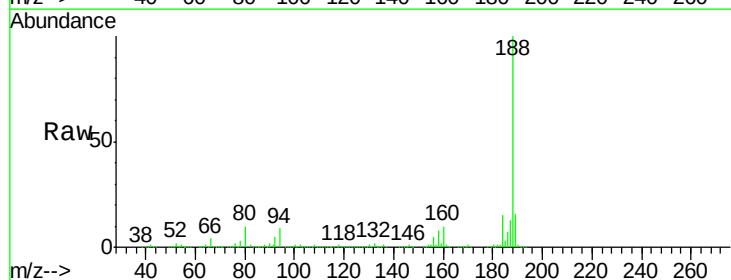
Ion 89.00 (88.70 to 89.70): BF0

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: BF082897.D
 Acq: 13 Nov 2015 15:06

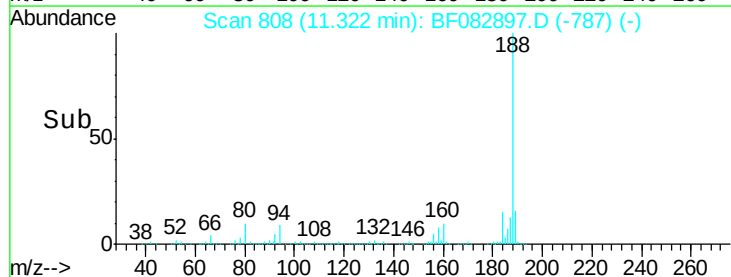
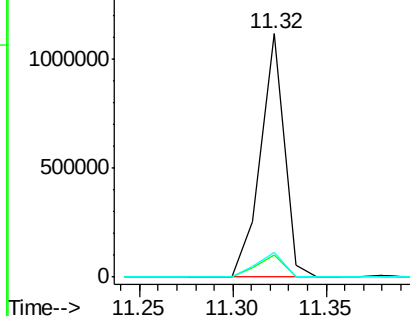
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.1	9.1#
80	10.3	7.0	10.6

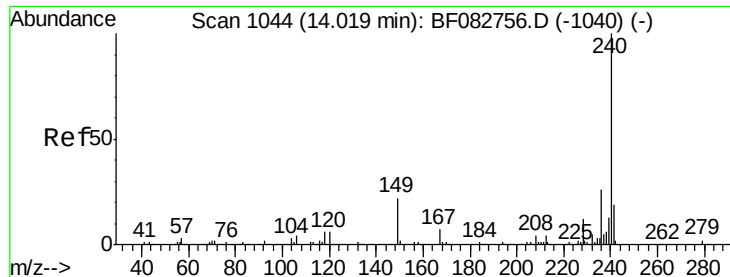


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF082897.D

Acq: 13 Nov 2015 15:06

Instrument :

BNA_F

ClientSampleId :

SB-5-5-7FT

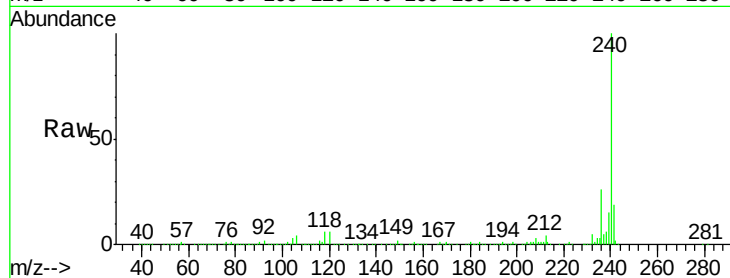
Tgt Ion:240 Resp: 975005

Ion Ratio Lower Upper

240 100

120 6.5 10.9 16.3#

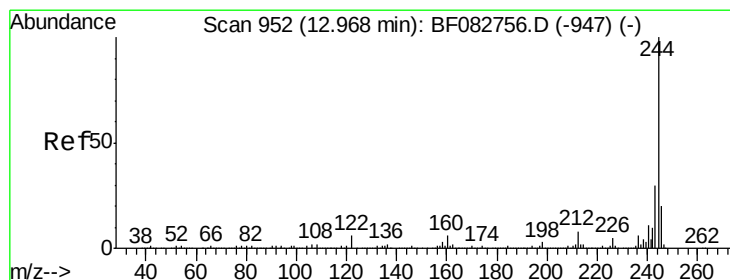
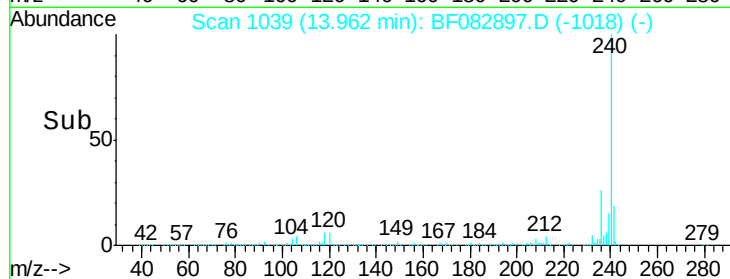
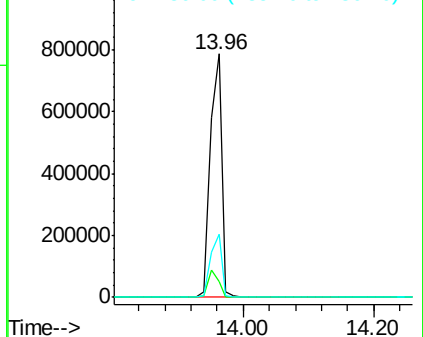
236 25.8 21.6 32.4



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: 37.52 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF082897.D

Acq: 13 Nov 2015 15:06

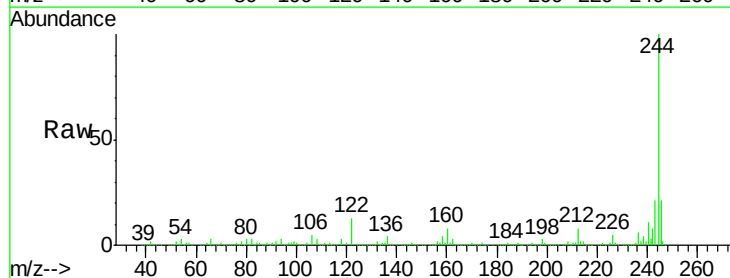
Tgt Ion:244 Resp: 1542260

Ion Ratio Lower Upper

244 100

212 8.0 7.6 11.4

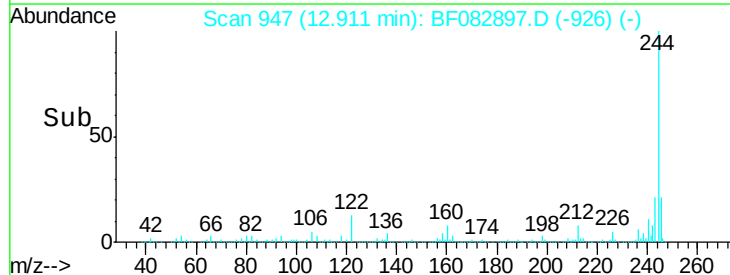
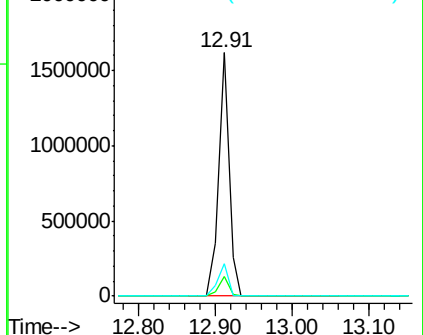
122 13.3 11.3 16.9

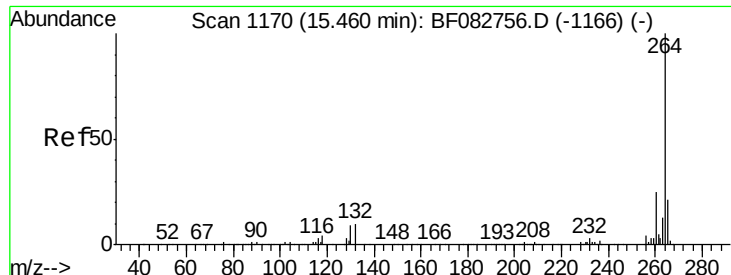


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

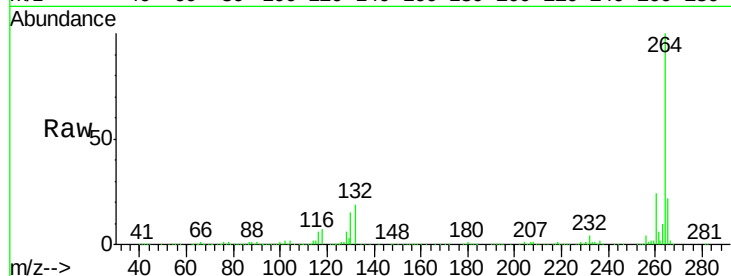




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.08 min
Lab File: BF082897.D
Acq: 13 Nov 2015 15:06

Instrument :
BNA_F
ClientSampleId :
SB-5-5-7FT

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	22.0	17.4	26.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

