

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
 Data File : BF092290.D
 Acq On : 16 Jan 2017 17:38
 Operator : UM/SJ
 Sample : I1196-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-35

Quant Time: Jan 17 00:44:17 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

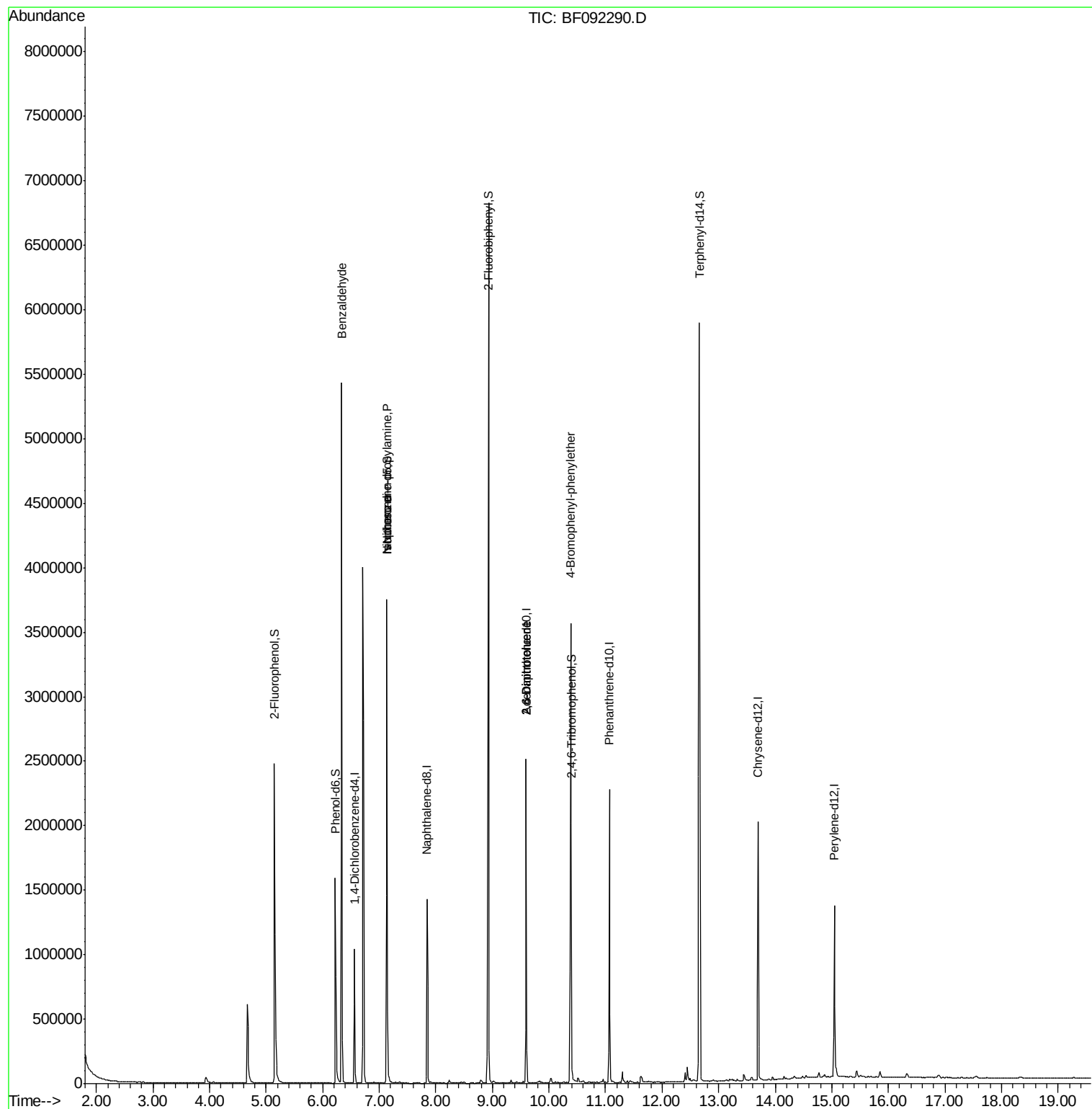
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	201309	20.00	ng	-0.08
21) Naphthalene-d8	7.84	136	803192	20.00	ng	-0.09
38) Acenaphthene-d10	9.59	164	519205	20.00	ng	-0.09
63) Phenanthrene-d10	11.07	188	841579	20.00	ng	-0.09
75) Chrysene-d12	13.70	240	731203	20.00	ng	-0.09
86) Perylene-d12	15.05	264	566114	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	903019	74.90	ng	-0.09
7) Phenol-d6	6.22	99	733594	49.84	ng	-0.09
23) Nitrobenzene-d5	7.14	82	1447399	100.21	ng	-0.08
41) 2,4,6-Tribromophenol	10.39	330	636572	148.15	ng	-0.08
44) 2-Fluorobiphenyl	8.93	172	2309334	92.23	ng	-0.08
78) Terphenyl-d14	12.66	244	2433005	80.70	ng	-0.09
Target Compounds						
9) Benzaldehyde	6.34	77	35201	2.98	ng	# 73
19) n-Nitroso-di-n-propylamine	7.14	70	192905	19.70	ng	# 75
25) Isophorone	7.14	82	1431001	53.70	ng	# 65
50) 2,6-Dinitrotoluene	9.59	165	68349	9.40	ng	# 30
56) 2,4-Dinitrotoluene	9.59	165	68352	7.49	ng	# 20
66) 4-Bromophenyl-phenylether	10.38	248	36425	4.16	ng	# 1
71) Anthracene	11.15	178	285	Below Cal		# 59
73) Di-n-butylphthalate	11.65	149	15542	Below Cal		# 98
74) Fluoranthene	12.28	202	452	Below Cal		# 61
76) Benzydine	12.66	184	30033	Below Cal		# 96

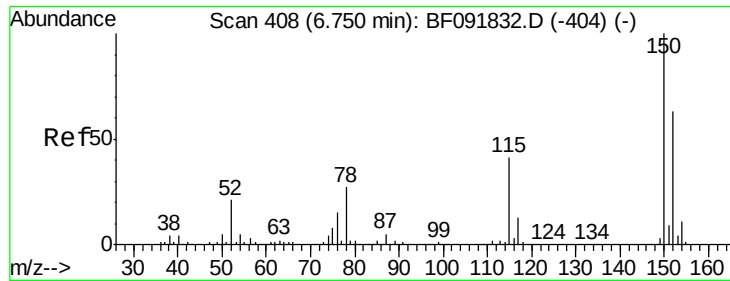
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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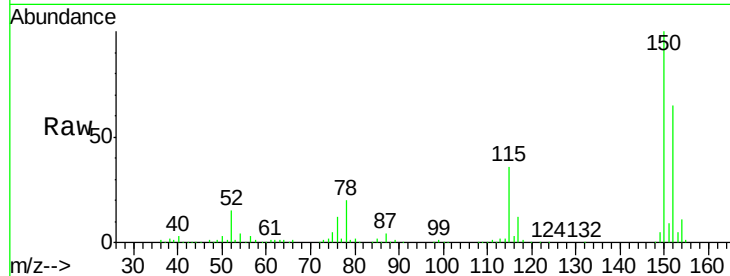


#1

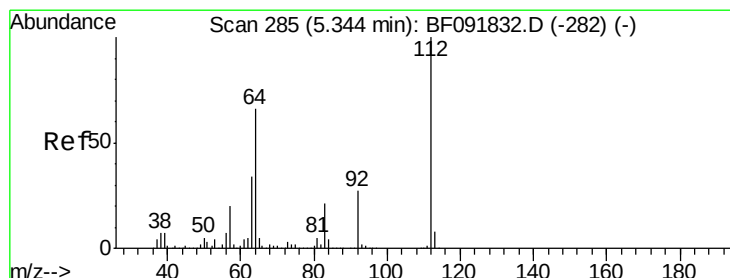
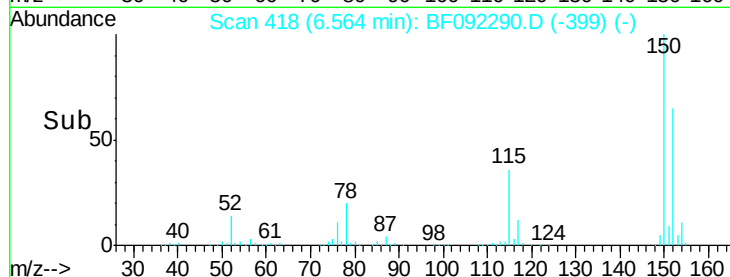
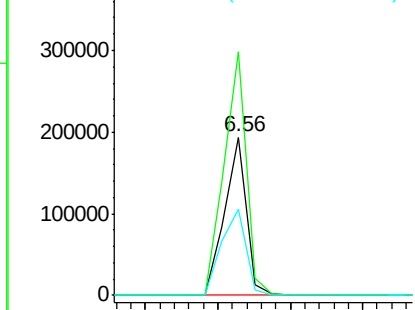
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 418
Delta R.T. -0.08 min
Lab File: BF092290.D
Acq: 16 Jan 2017 17:38

Instrument :
BNA_F
ClientSampleId :
W-35

Tgt Ion:152 Resp: 201309
Ion Ratio Lower Upper
152 100
150 153.6 124.9 187.3
115 54.8 46.0 69.0



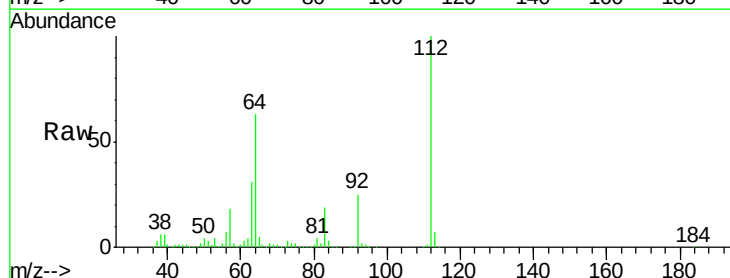
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



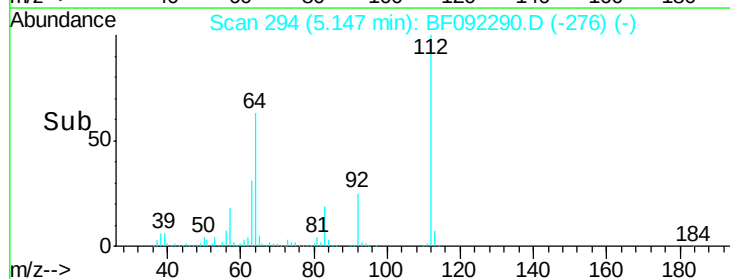
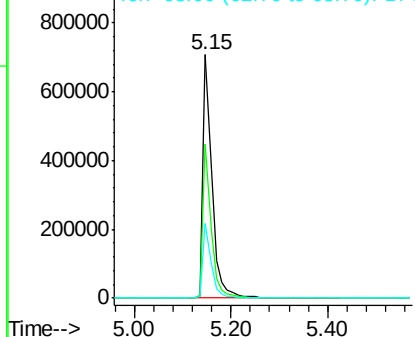
#5

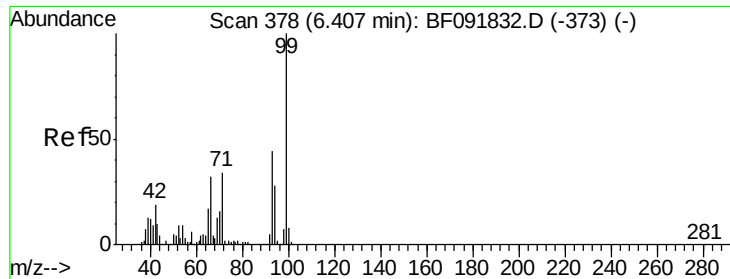
2-Fluorophenol
Concen: 74.90 ng
RT: 5.15 min Scan# 294
Delta R.T. -0.09 min
Lab File: BF092290.D
Acq: 16 Jan 2017 17:38

Tgt Ion:112 Resp: 903019
Ion Ratio Lower Upper
112 100
64 63.4 46.1 69.1
63 30.8 23.8 35.6



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: 49.84 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092290.D

Acq: 16 Jan 2017 17:38

Instrument :

BNA_F

ClientSampleId :

W-35

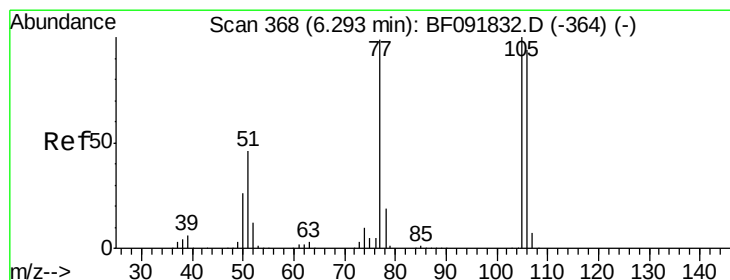
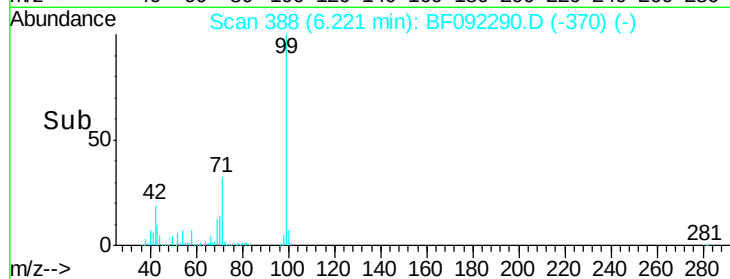
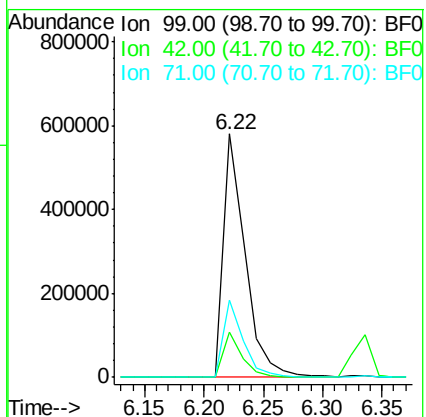
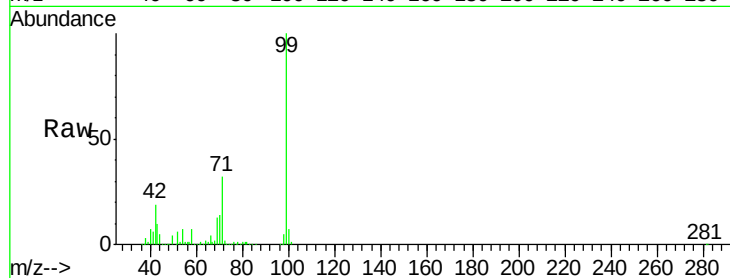
Tgt Ion: 99 Resp: 733594

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

71 31.9 27.5 41.3



#9

Benzaldehyde

Concen: 2.98 ng

RT: 6.34 min Scan# 398

Delta R.T. 0.15 min

Lab File: BF092290.D

Acq: 16 Jan 2017 17:38

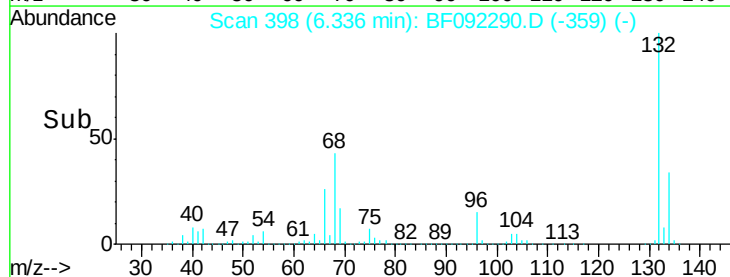
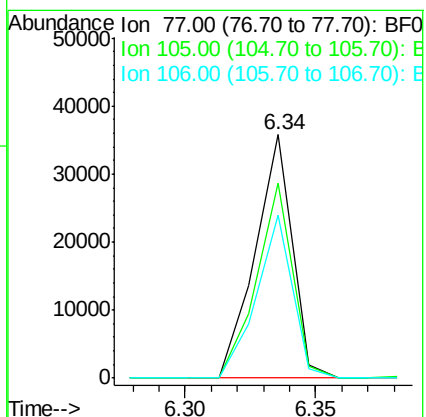
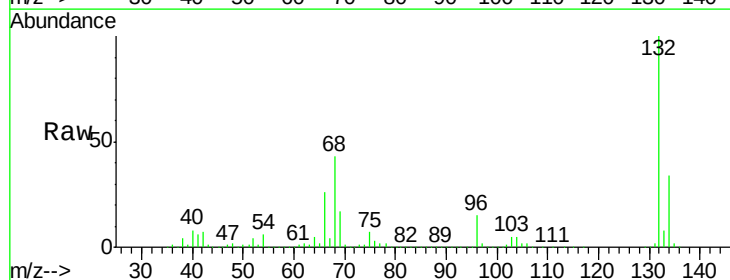
Tgt Ion: 77 Resp: 35201

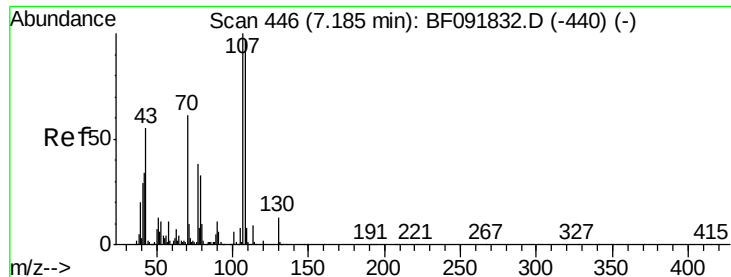
Ion Ratio Lower Upper

77 100

105 79.9 83.9 123.9#

106 67.0 77.6 117.6#

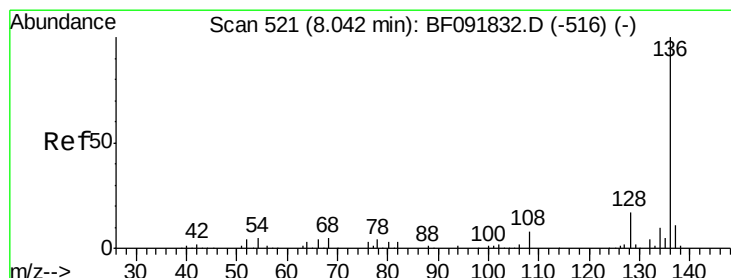
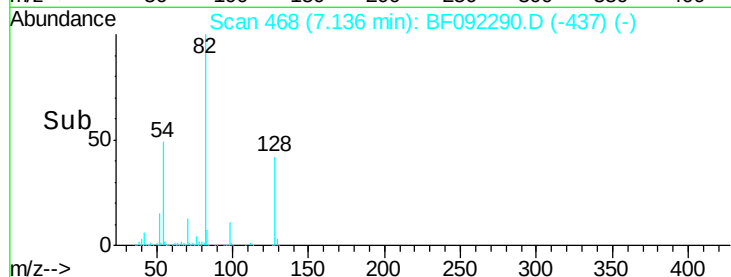
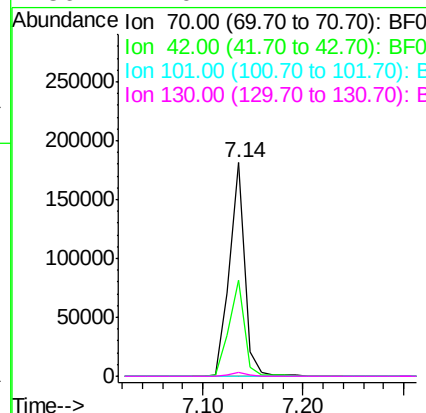
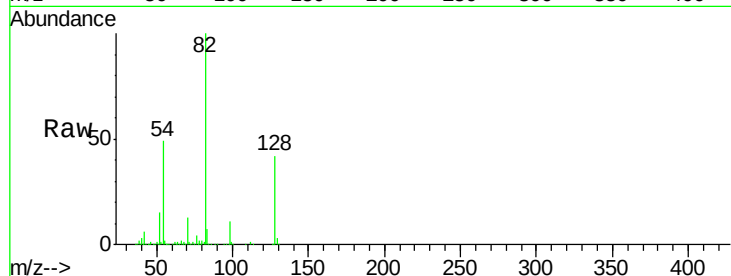




#19
n-Nitroso-di-n-propylamine
Concen: 19.70 ng
RT: 7.14 min Scan# 468
Delta R.T. 0.06 min
Lab File: BF092290.D
Acq: 16 Jan 2017 17:38

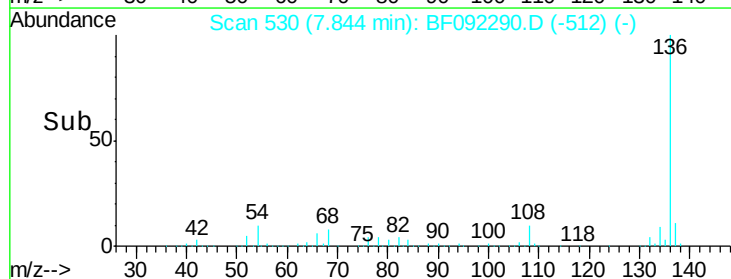
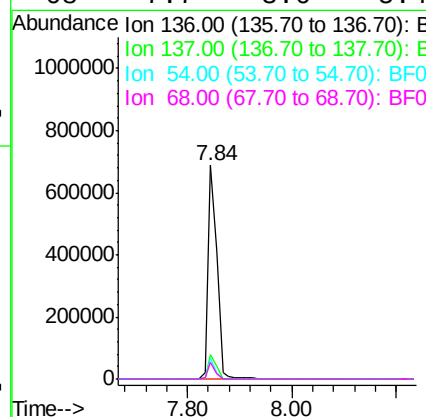
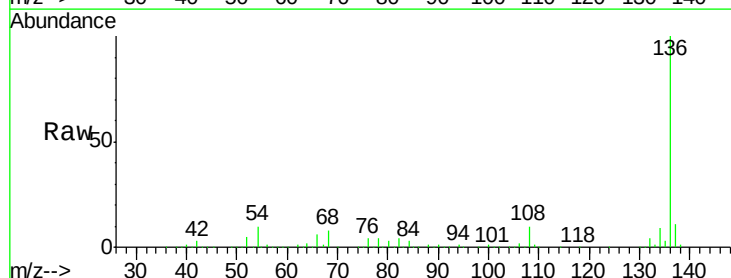
Instrument :
BNA_F
ClientSampleId :
W-35

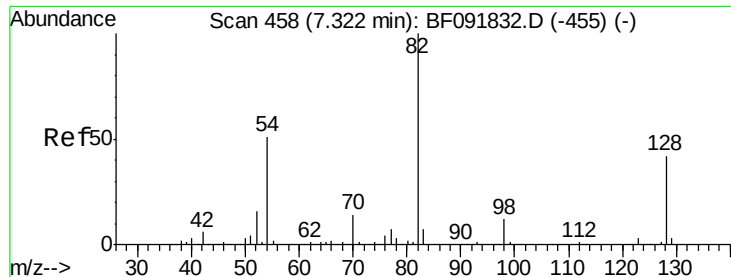
Tgt Ion: 70 Resp: 192905
Ion Ratio Lower Upper
70 100
42 45.2 49.4 74.0#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092290.D
Acq: 16 Jan 2017 17:38

Tgt Ion: 136 Resp: 803192
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 9.6 4.5 6.7#
68 7.7 3.6 5.4#

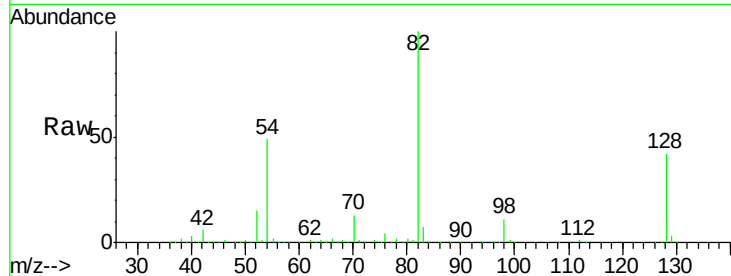




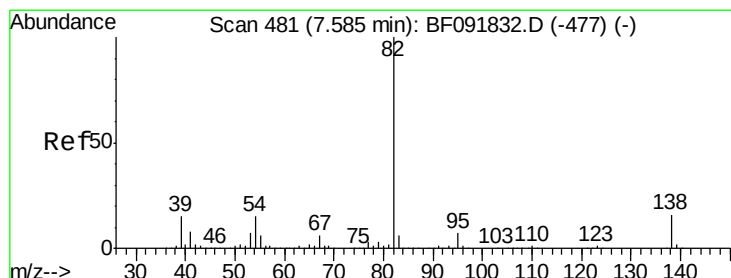
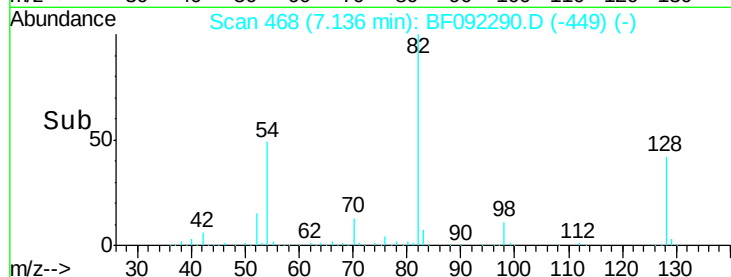
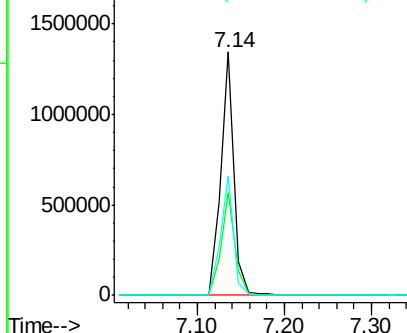
#23
 Nitrobenzene-d5
 Concen: 100.21 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.08 min
 Lab File: BF092290.D
 Acq: 16 Jan 2017 17:38

Instrument :
 BNA_F
 ClientSampleId :
 W-35

Tgt Ion: 82 Resp: 1447399
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.6 52.0
 54 49.0 39.5 59.3

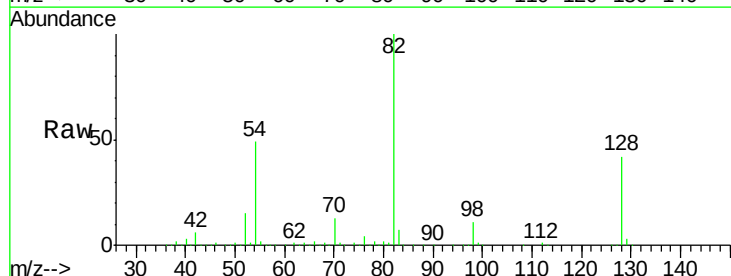


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

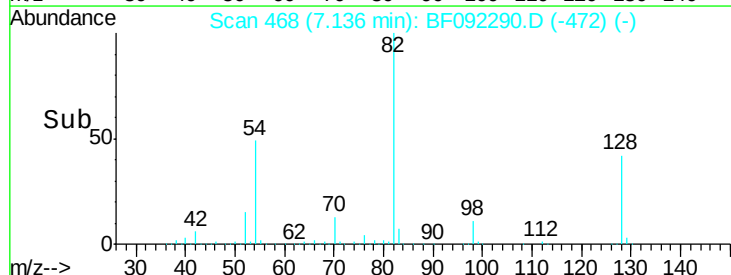
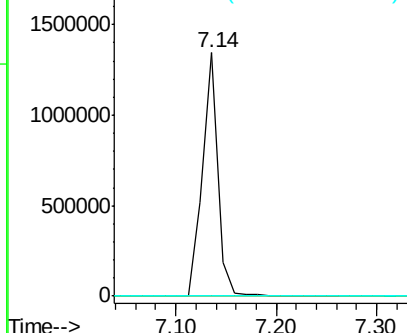


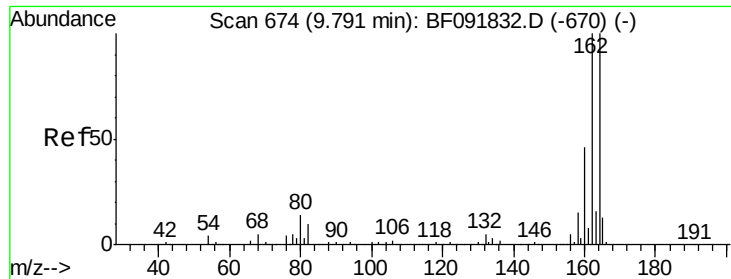
#25
 Isophorone
 Concen: 53.70 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.34 min
 Lab File: BF092290.D
 Acq: 16 Jan 2017 17:38

Tgt Ion: 82 Resp: 1431001
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



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: 9.59 min Scan# 683

Delta R.T. -0.09 min

Lab File: BF092290.D

Acq: 16 Jan 2017 17:38

Instrument :

BNA_F

ClientSampleId :

W-35

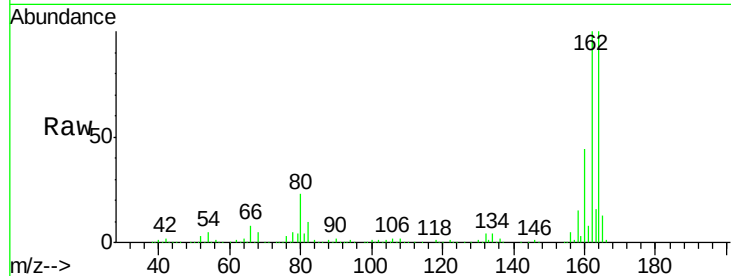
Tgt Ion:164 Resp: 519205

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

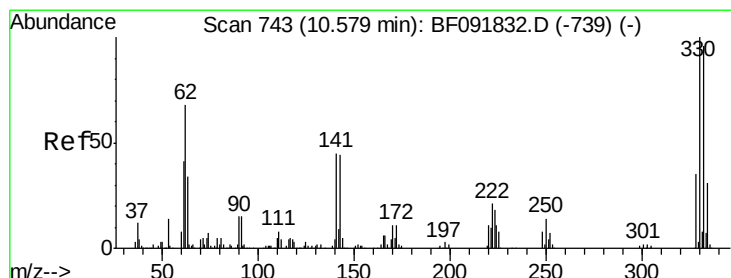
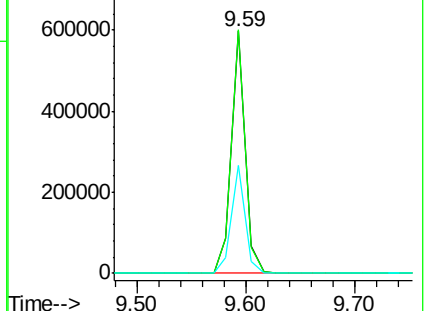
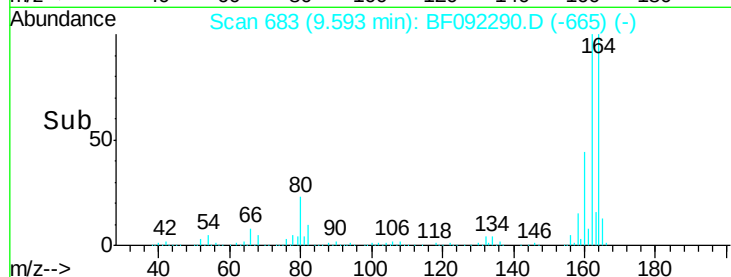
160 44.6 36.9 55.3



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: 148.15 ng

RT: 10.39 min Scan# 753

Delta R.T. -0.08 min

Lab File: BF092290.D

Acq: 16 Jan 2017 17:38

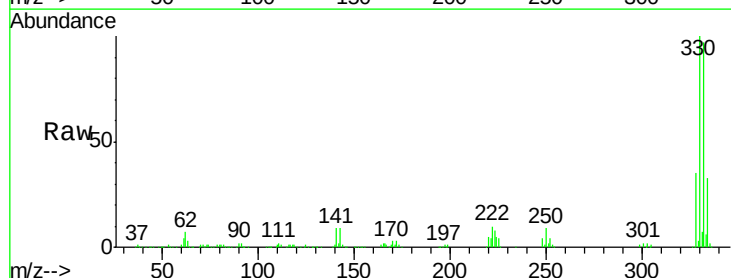
Tgt Ion:330 Resp: 636572

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

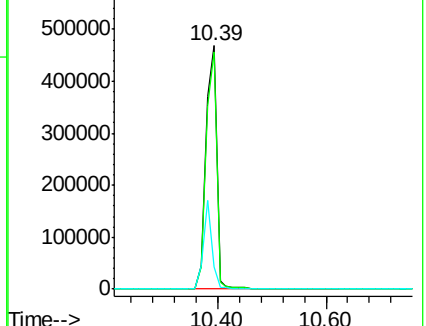
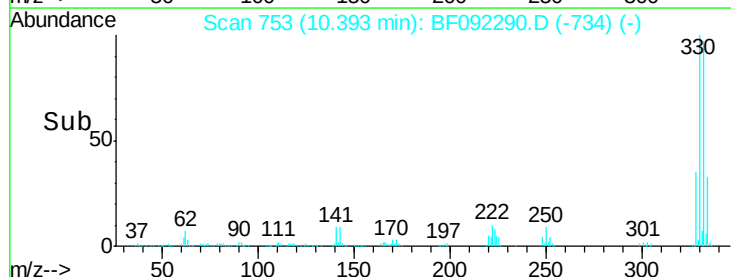
141 29.6 34.1 51.1#

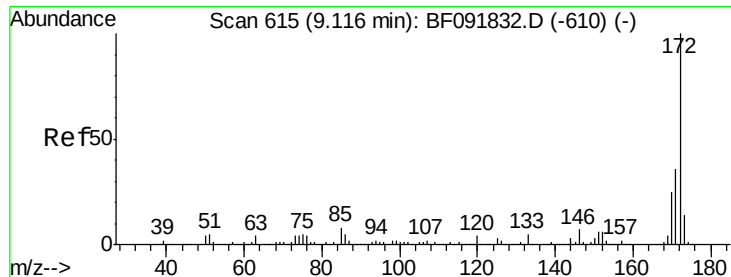


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

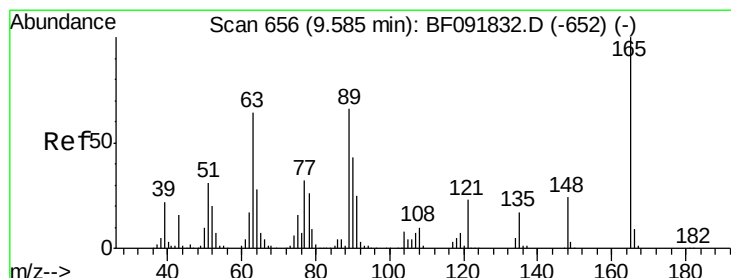
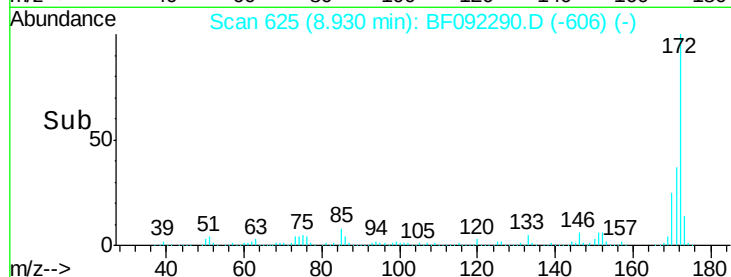
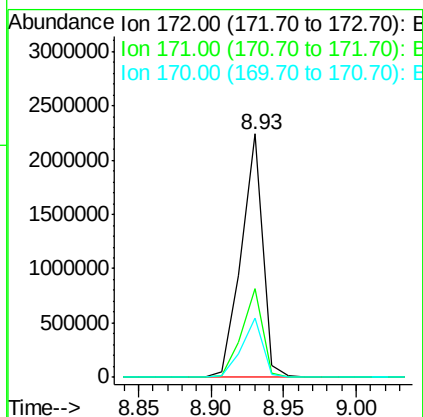
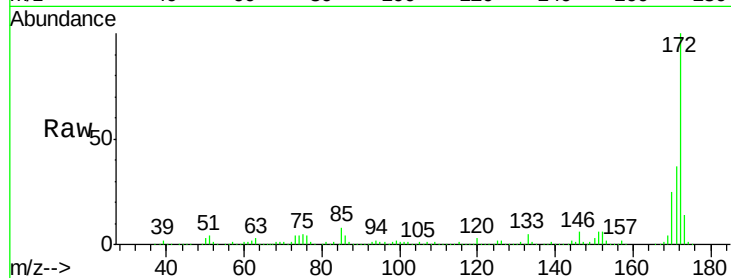




#44
 2-Fluorobiphenyl
 Concen: 92.23 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.08 min
 Lab File: BF092290.D
 Acq: 16 Jan 2017 17:38

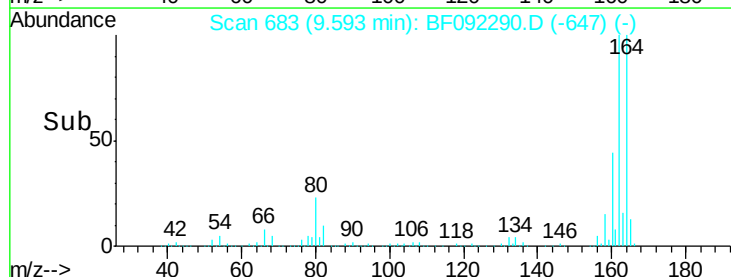
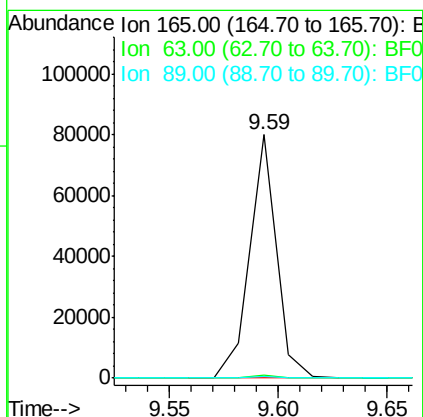
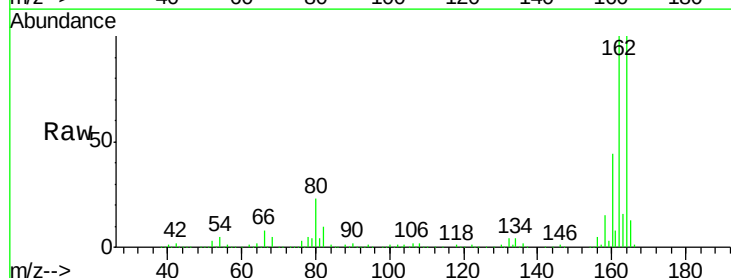
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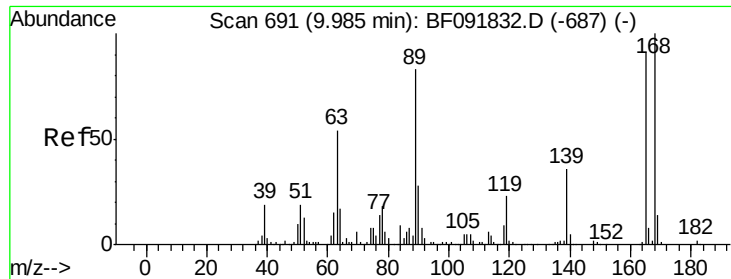
Tgt Ion:172 Resp: 2309334
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.6 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 9.40 ng
 RT: 9.59 min Scan# 683
 Delta R.T. 0.12 min
 Lab File: BF092290.D
 Acq: 16 Jan 2017 17:38

Tgt Ion:165 Resp: 68349
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.2 54.4#
 89 0.9 40.2 60.4#

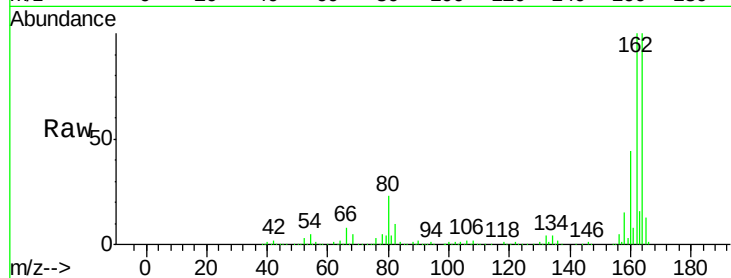




#56
 2,4-Dinitrotoluene
 Concen: 7.49 ng
 RT: 9.59 min Scan# 683
 Delta R.T. -0.29 min
 Lab File: BF092290.D
 Acq: 16 Jan 2017 17:38

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:	165	Resp:	68352
Ion Ratio	Lower	Upper	
165	100		
63	1.1	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#

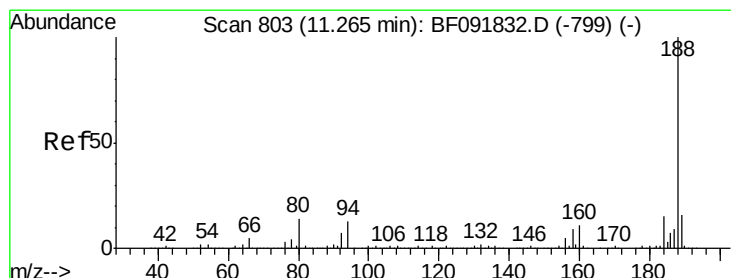
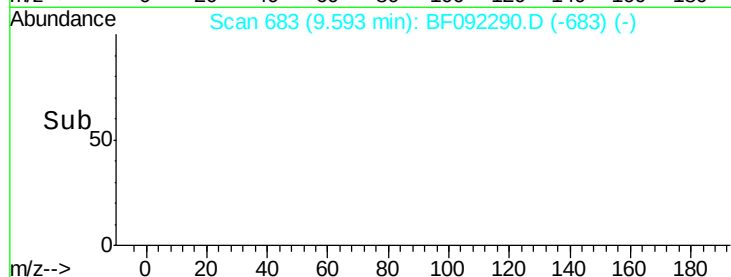
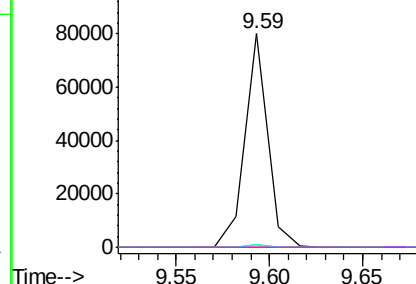


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

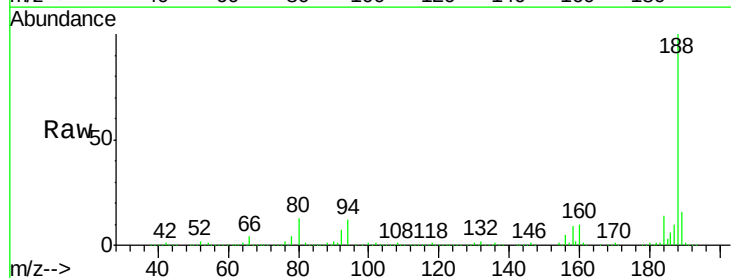
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.09 min
 Lab File: BF092290.D
 Acq: 16 Jan 2017 17:38

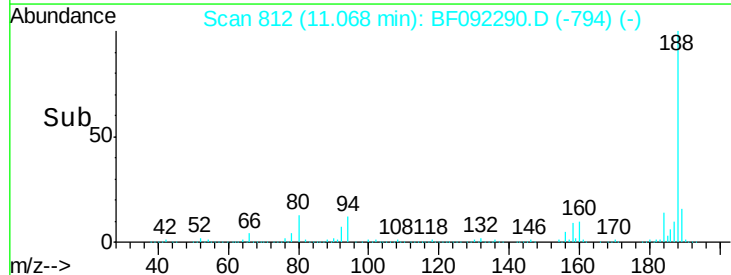
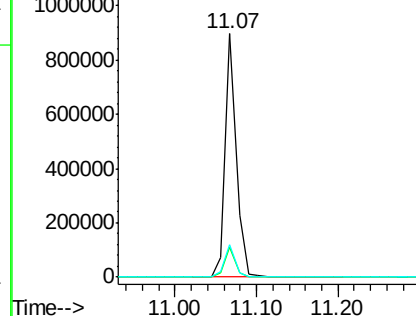
Tgt Ion:	188	Resp:	841579
Ion Ratio	Lower	Upper	
188	100		
94	12.1	10.0	15.0
80	13.4	11.2	16.8

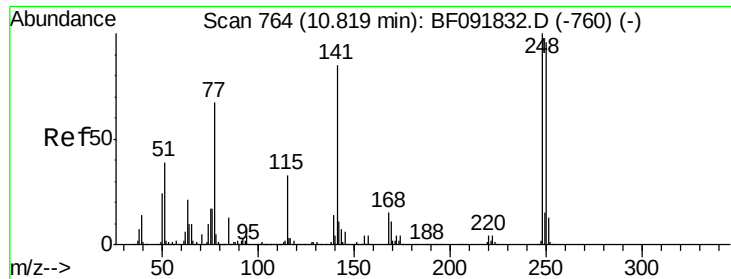


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

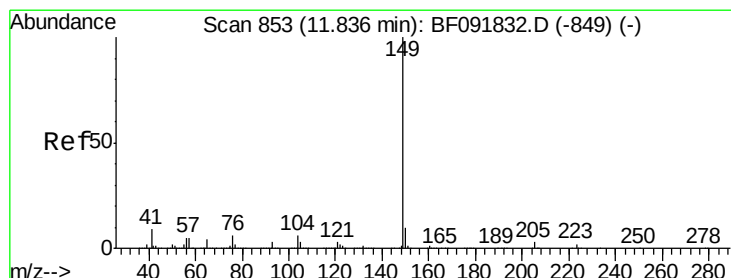
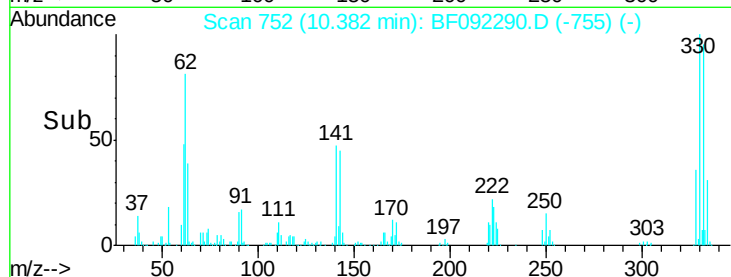
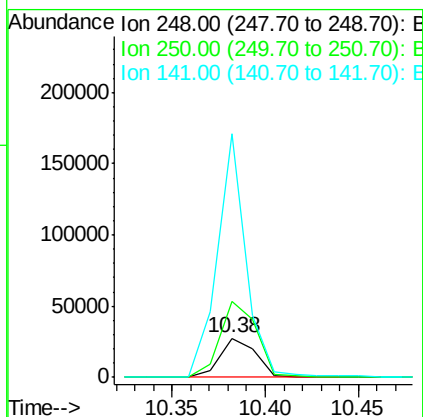
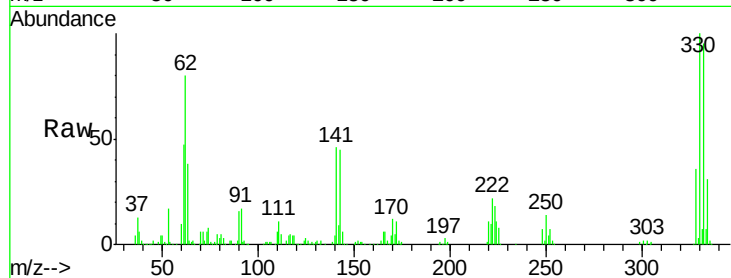




#66
4-Bromophenyl-phenylether
Concen: 4.16 ng
RT: 10.38 min Scan# 752
Delta R.T. -0.33 min
Lab File: BF092290.D
Acq: 16 Jan 2017 17:38

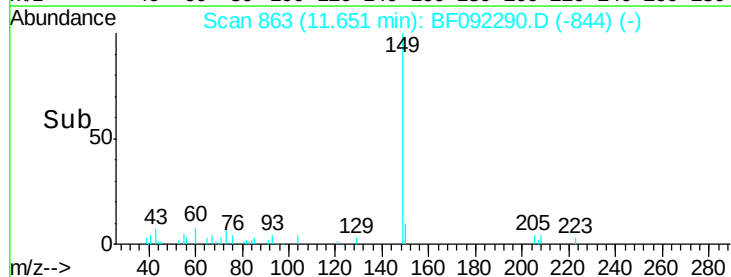
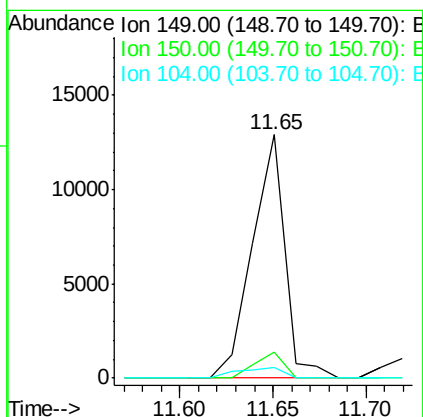
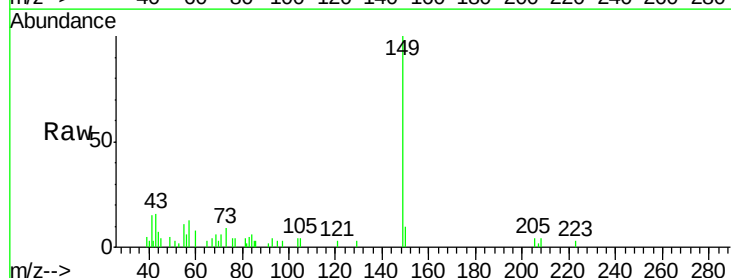
Instrument :
BNA_F
ClientSampleId :
W-35

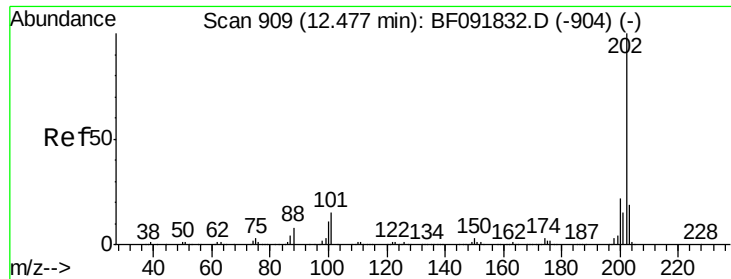
Tgt Ion:248 Resp: 36425
Ion Ratio Lower Upper
248 100
250 194.5 76.9 115.3#
141 621.2 68.2 102.4#



#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.65 min Scan# 863
Delta R.T. -0.08 min
Lab File: BF092290.D
Acq: 16 Jan 2017 17:38

Tgt Ion:149 Resp: 15542
Ion Ratio Lower Upper
149 100
150 10.5 8.1 12.1
104 4.5 4.6 7.0#





#74

Fluoranthene

Concen: Below Cal

RT: 12.28 min Scan# 918

Delta R.T. -0.09 min

Lab File: BF092290.D

Acq: 16 Jan 2017 17:38

Instrument :

BNA_F

ClientSampleId :

W-35

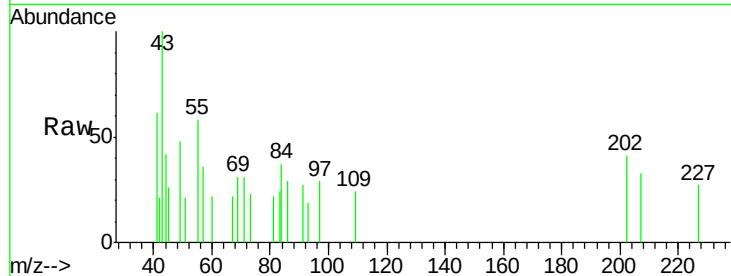
Tgt Ion:202 Resp: 452

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

203 0.0 0.0 38.7

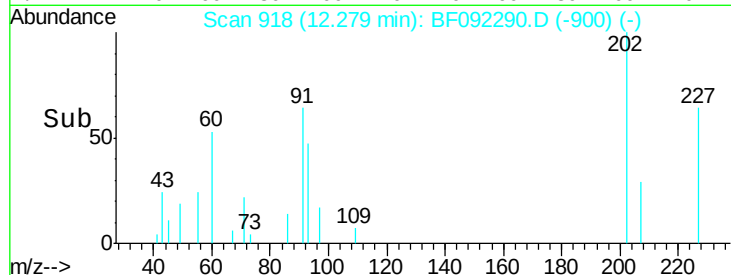


Abundance Ion 202.00 (201.70 to 202.70): E

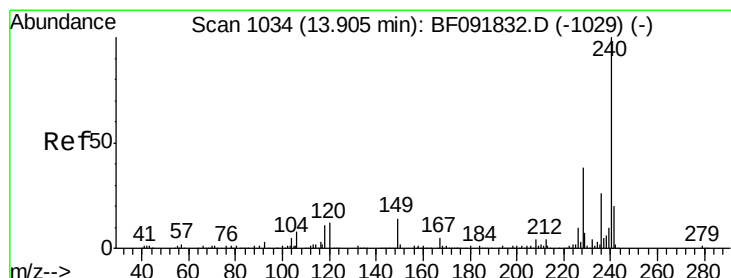
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1042

Delta R.T. -0.09 min

Lab File: BF092290.D

Acq: 16 Jan 2017 17:38

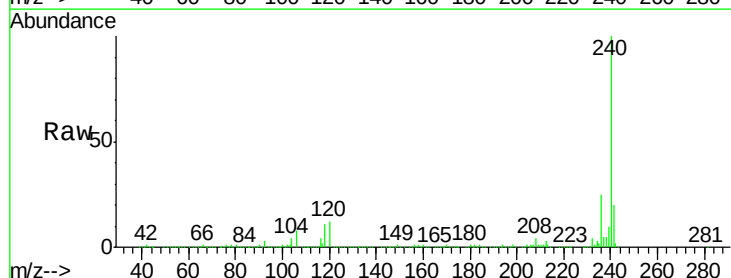
Tgt Ion:240 Resp: 731203

Ion Ratio Lower Upper

240 100

120 12.3 12.9 19.3#

236 24.9 20.9 31.3

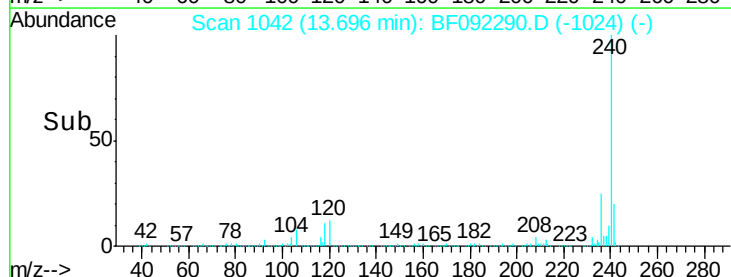


Abundance Ion 240.00 (239.70 to 240.70): E

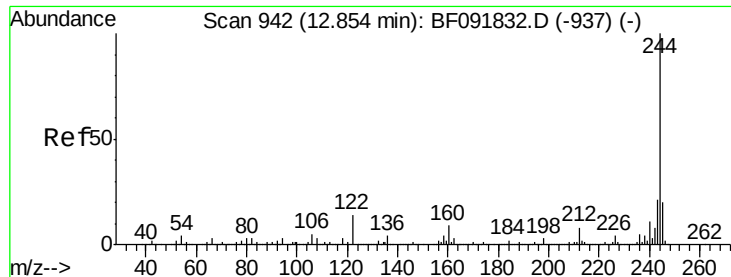
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#78

Terphenyl-d14

Concen: 80.70 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.09 min

Lab File: BF092290.D

Acq: 16 Jan 2017 17:38

Instrument :

BNA_F

ClientSampleId :

W-35

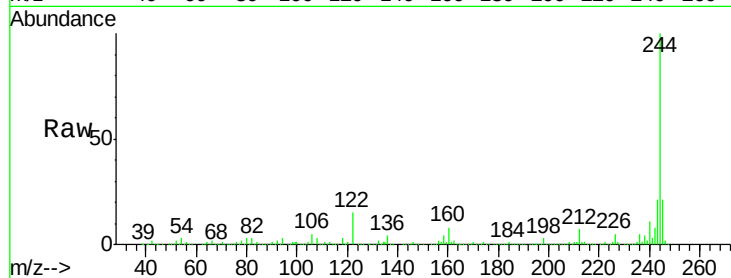
Tgt Ion:244 Resp: 2433005

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

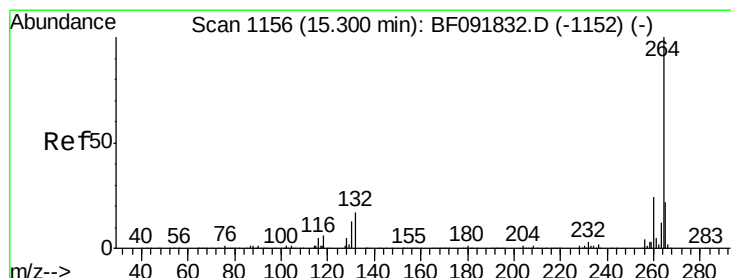
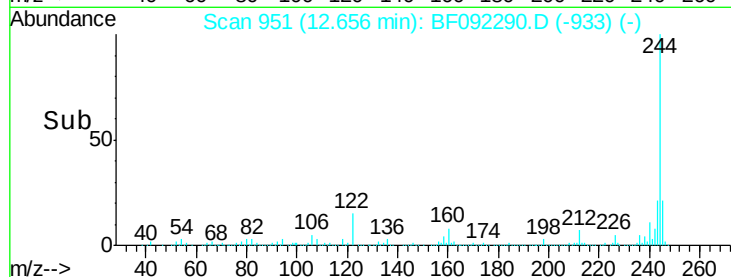
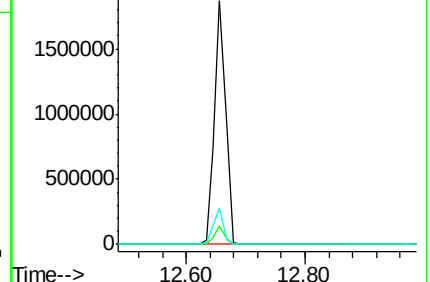
122 14.7 11.4 17.2



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: 15.05 min Scan# 1160

Delta R.T. -0.10 min

Lab File: BF092290.D

Acq: 16 Jan 2017 17:38

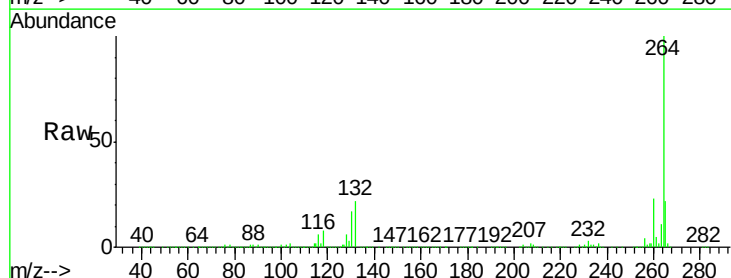
Tgt Ion:264 Resp: 566114

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 22.4 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

