

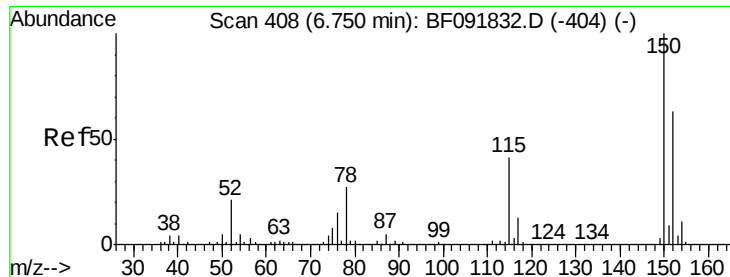
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122716\
 Data File : BF091982.D
 Acq On : 27 Dec 2016 22:00
 Operator : UM/SJ
 Sample : H6245-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-3

Quant Time: Dec 28 00:02:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	262919	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	1069531	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	437894	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	722629	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	541399	20.00	ng	-0.01
86) Perylene-d12	15.29	264	411436	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	816421	51.85	ng	0.00
7) Phenol-d6	6.41	99	695481	36.18	ng	0.00
23) Nitrobenzene-d5	7.30	82	1525984	79.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	453937	125.26	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2411868	117.84	ng	-0.01
78) Terphenyl-d14	12.84	244	1855362	83.11	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.51	77	37089	2.36	ng	# 73
19) n-Nitroso-di-n-propylamine	7.30	70	206078	16.11	ng	# 77
25) Isophorone	7.30	82	1099482	30.98	ng	# 65
37) 2-Methylnaphthalene	8.73	142	495	Below Cal	#	72
49) Dimethylphthalate	9.49	163	114746	4.10	ng	# 99
50) 2,6-Dinitrotoluene	9.77	165	57456	9.37	ng	# 31
56) 2,4-Dinitrotoluene	9.77	165	57458	7.47	ng	# 20
59) Diethylphthalate	10.20	149	70429	2.59	ng	# 95
66) 4-Bromophenyl-phenylether	10.57	248	31137	4.14	ng	# 1
71) Anthracene	11.33	178	1213	Below Cal	#	60
73) Di-n-butylphthalate	11.83	149	9734	Below Cal	#	99
74) Fluoranthene	12.47	202	1123	Below Cal	#	35

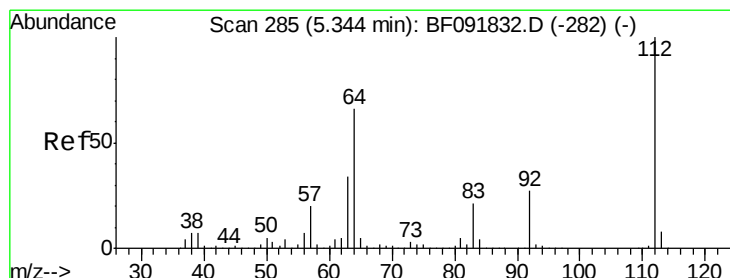
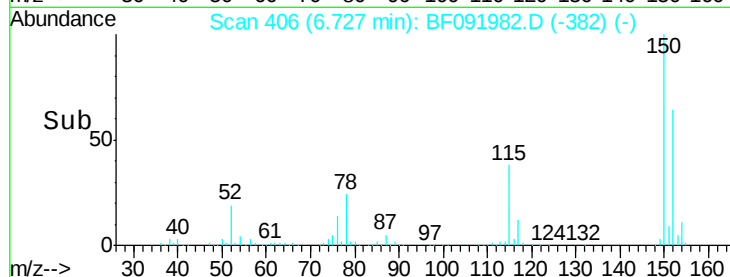
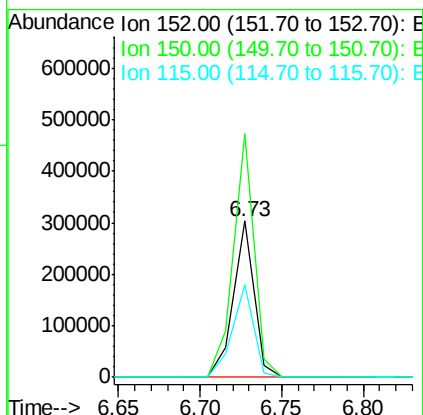
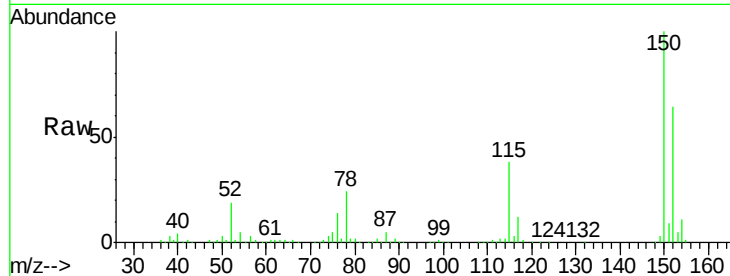
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: BF091982.D
 Acq: 27 Dec 2016 22:00

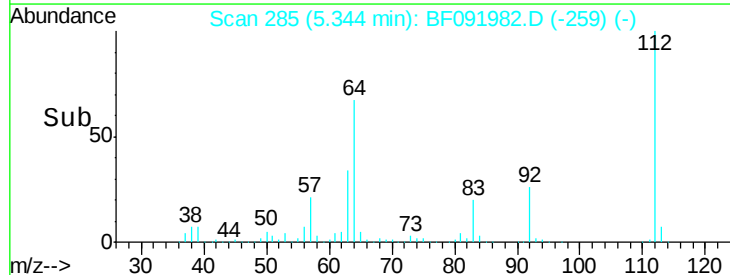
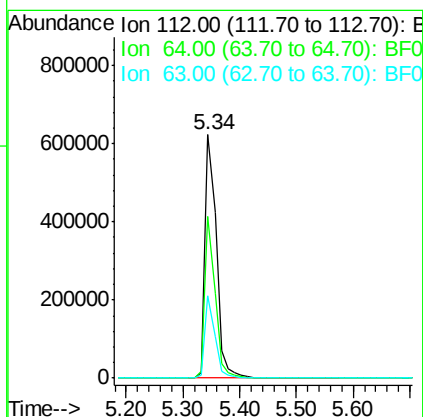
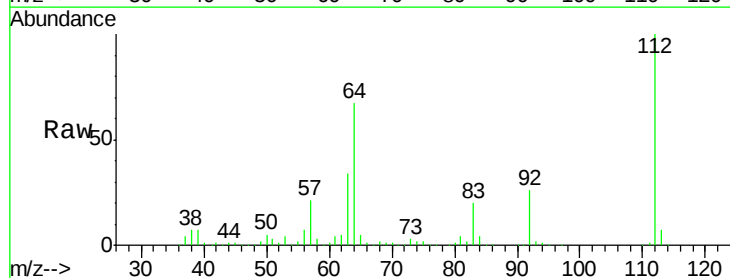
Instrument :
 BNA_F
 ClientSampleId :
 PZ-3

Tgt Ion:152 Resp: 262919
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.9 187.3
 115 59.0 46.0 69.0



#5
 2-Fluorophenol
 Concen: 51.85 ng
 RT: 5.34 min Scan# 285
 Delta R.T. 0.00 min
 Lab File: BF091982.D
 Acq: 27 Dec 2016 22:00

Tgt Ion:112 Resp: 816421
 Ion Ratio Lower Upper
 112 100
 64 66.7 46.1 69.1
 63 33.6 23.8 35.6





#7

Phenol-d6

Concen: 36.18 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF091982.D

Acq: 27 Dec 2016 22:00

Instrument :

BNA_F

ClientSampleId :

PZ-3

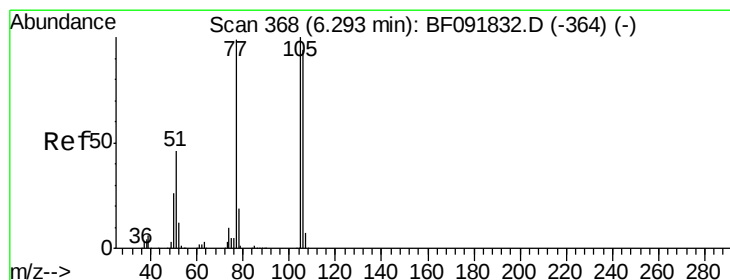
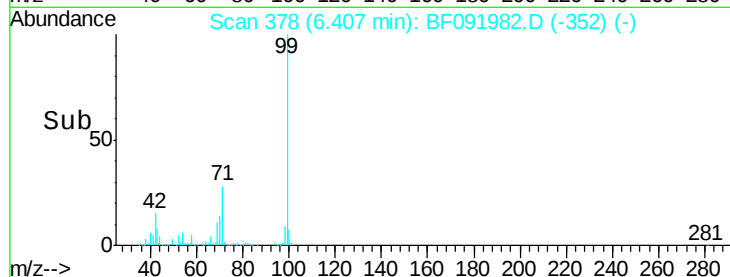
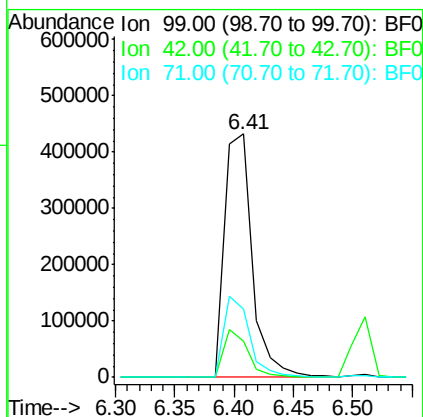
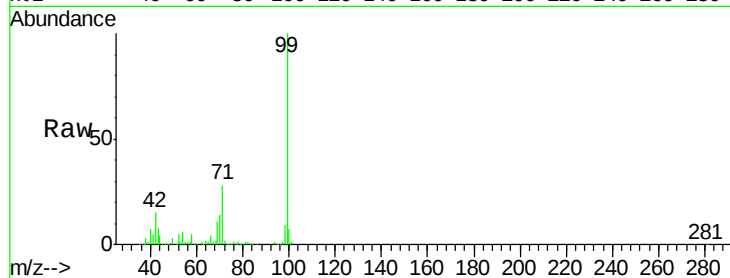
Tgt Ion: 99 Resp: 695481

Ion Ratio Lower Upper

99 100

42 15.0 15.6 23.4#

71 28.1 27.5 41.3



#9

Benzaldehyde

Concen: 2.36 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.22 min

Lab File: BF091982.D

Acq: 27 Dec 2016 22:00

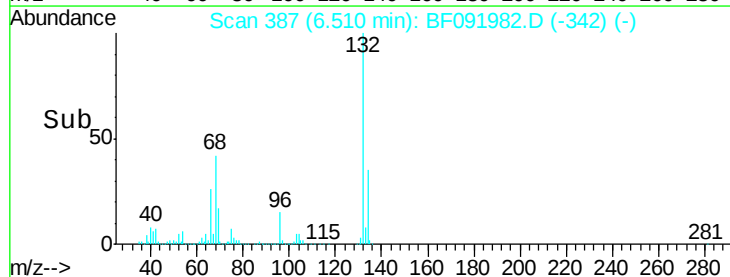
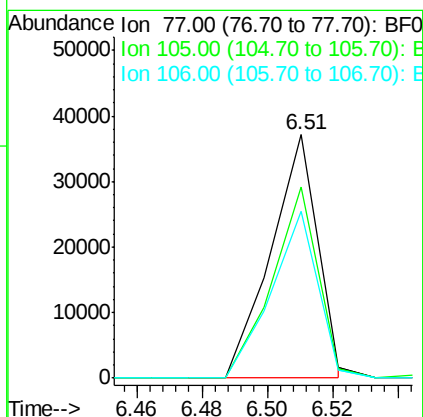
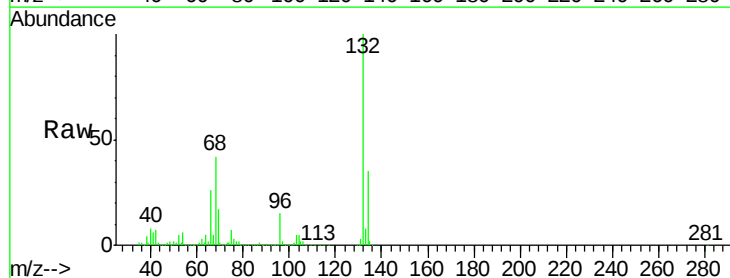
Tgt Ion: 77 Resp: 37089

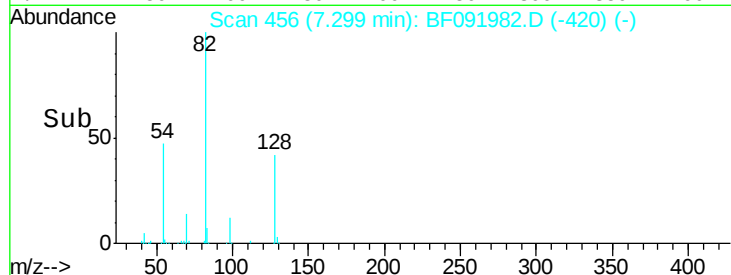
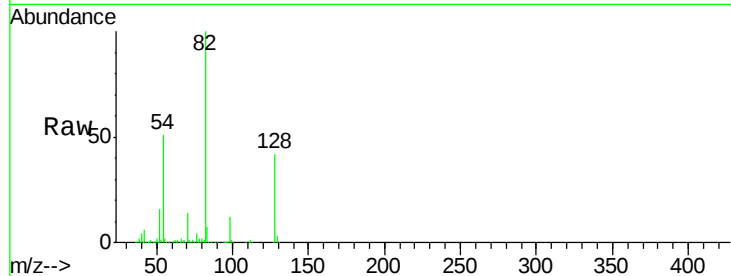
Ion Ratio Lower Upper

77 100

105 78.5 83.9 123.9#

106 68.4 77.6 117.6#

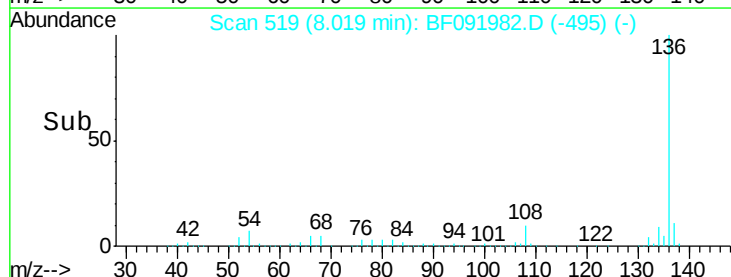
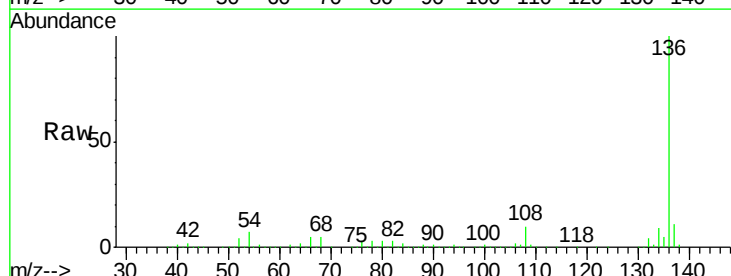
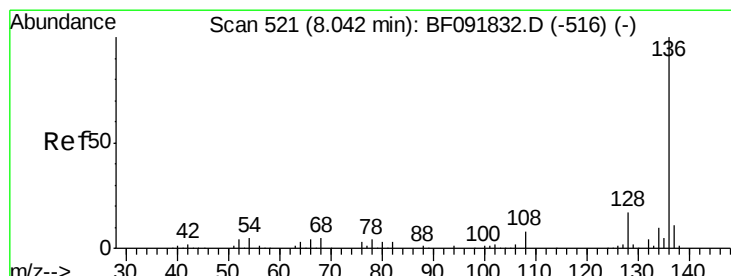
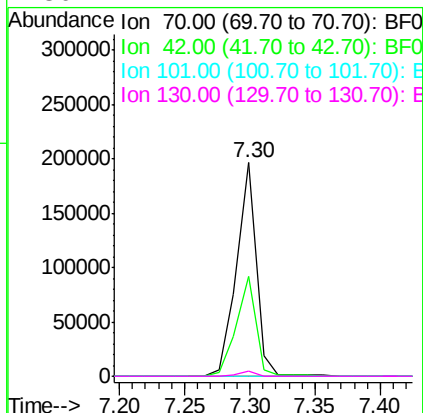




#19
n-Nitroso-di-n-propylamine
Concen: 16.11 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.11 min
Lab File: BF091982.D
Acq: 27 Dec 2016 22:00

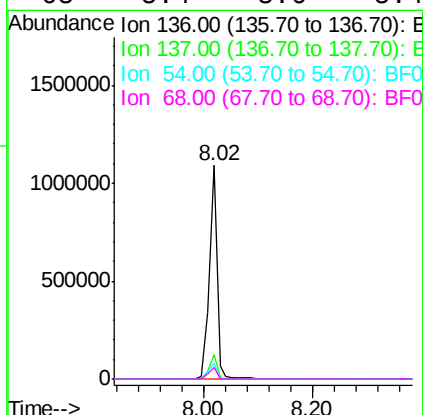
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BNA_F
ClientSampleId :
PZ-3

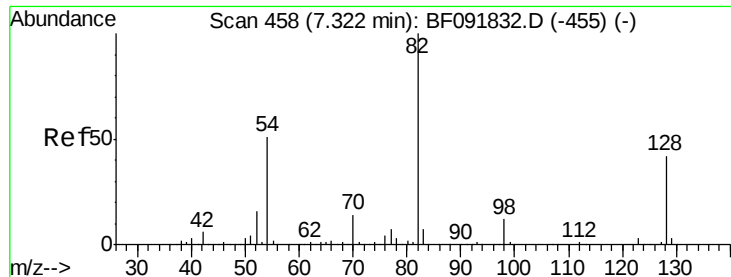
Tgt Ion: 70 Resp: 206078
Ion Ratio Lower Upper
70 100
42 47.0 49.4 74.0#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091982.D
Acq: 27 Dec 2016 22:00

Tgt Ion: 136 Resp: 1069531
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.2 4.5 6.7#
68 5.4 3.6 5.4#

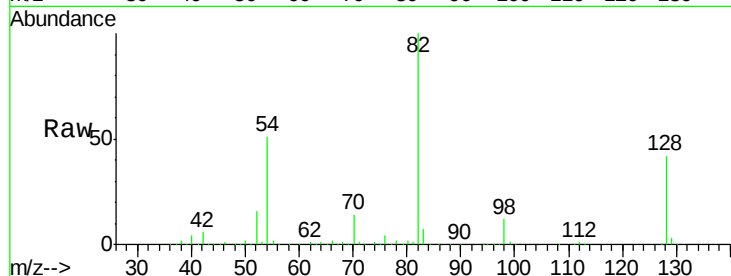




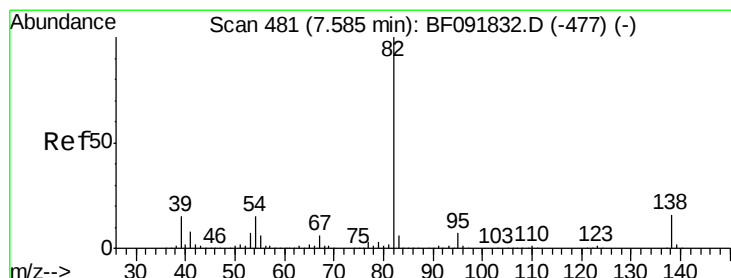
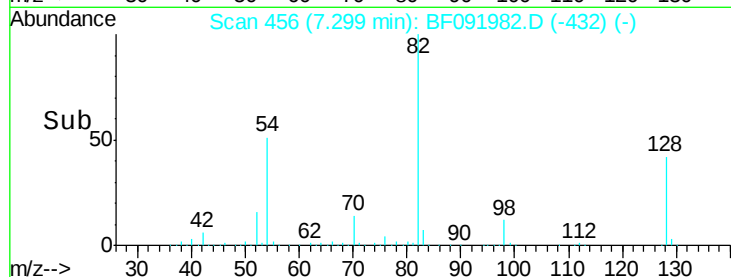
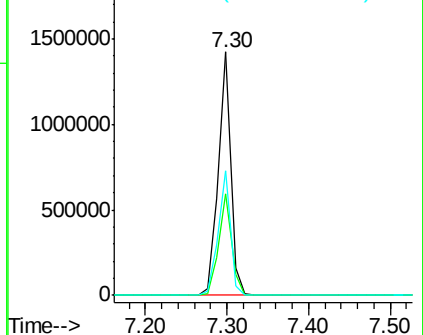
#23
 Nitrobenzene-d5
 Concen: 79.34 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF091832.D
 Acq: 27 Dec 2016 22:00

Instrument :
 BNA_F
 ClientSampleId :
 PZ-3

Tgt Ion: 82 Resp: 1525984
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.6 52.0
 54 51.3 39.5 59.3

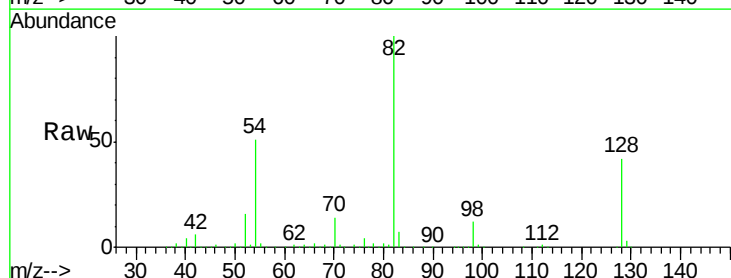


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

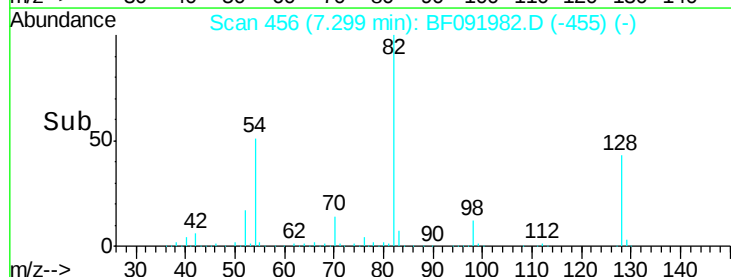
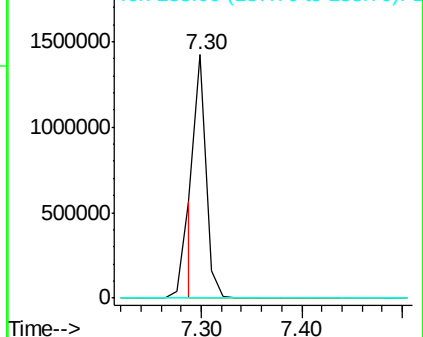


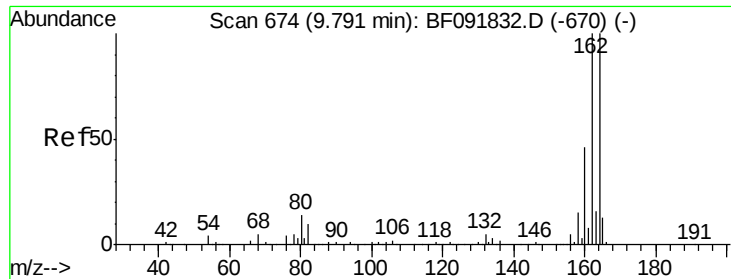
#25
 Isophorone
 Concen: 30.98 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.29 min
 Lab File: BF091982.D
 Acq: 27 Dec 2016 22:00

Tgt Ion: 82 Resp: 1099482
 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

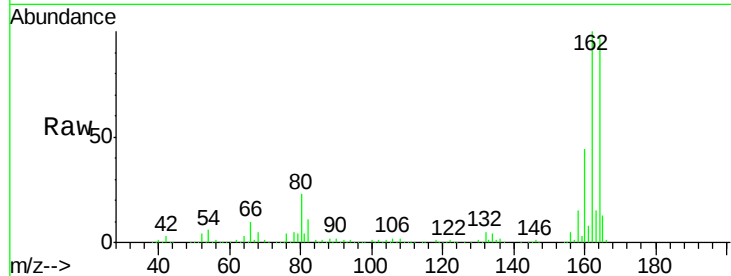




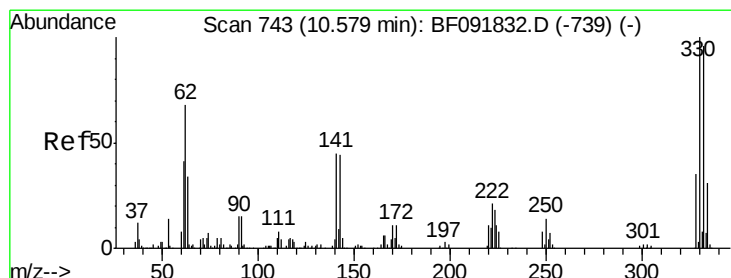
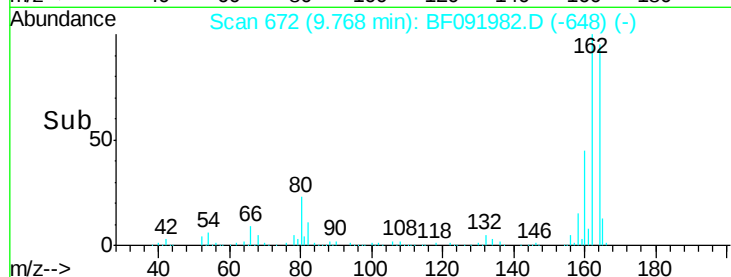
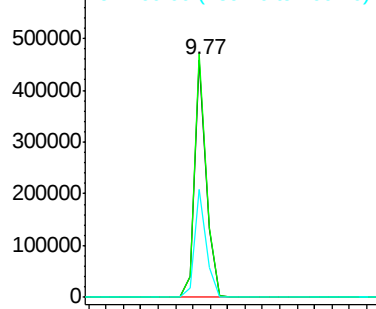
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF091982.D
Acq: 27 Dec 2016 22:00

Instrument :
BNA_F
ClientSampleId :
PZ-3

Tgt Ion:164 Resp: 437894
Ion Ratio Lower Upper
164 100
162 102.6 80.2 120.2
160 45.6 36.9 55.3

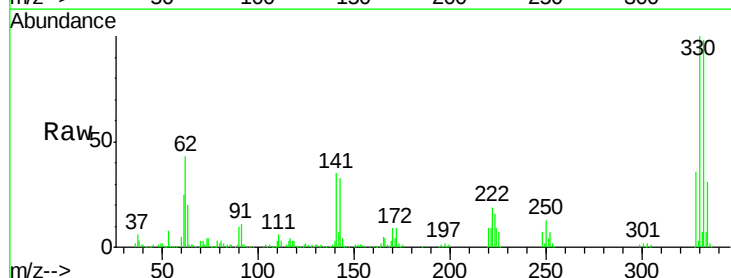


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

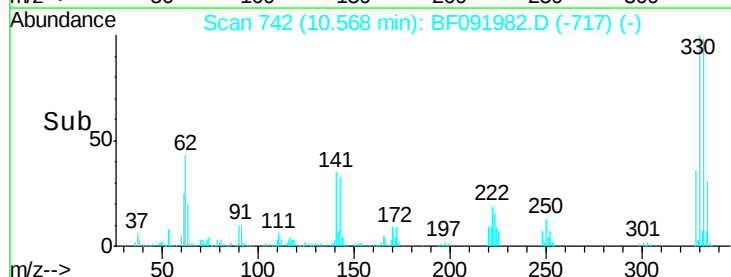
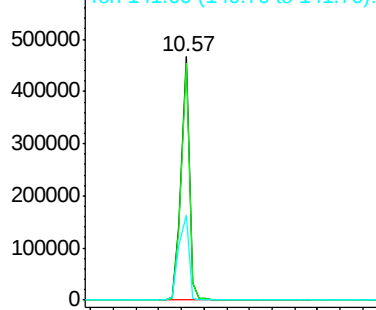


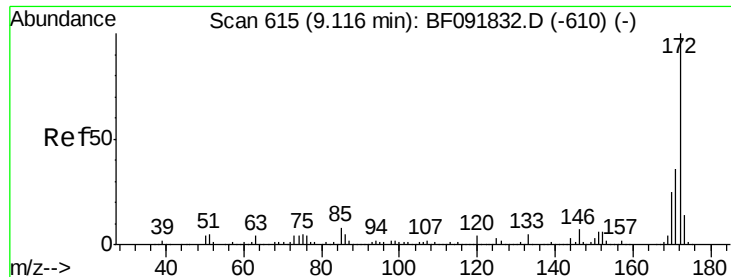
#41
2,4,6-Tribromophenol
Concen: 125.26 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF091982.D
Acq: 27 Dec 2016 22:00

Tgt Ion:330 Resp: 453937
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 42.9 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

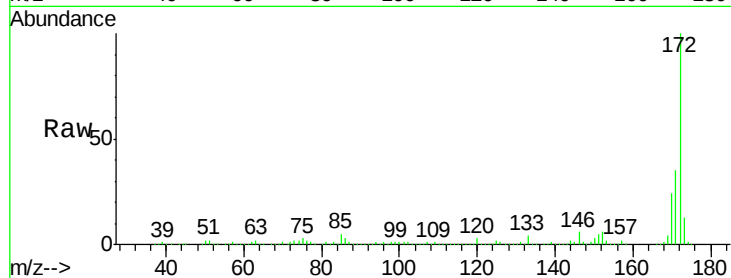




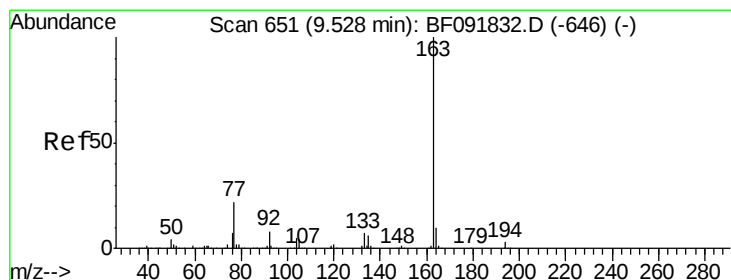
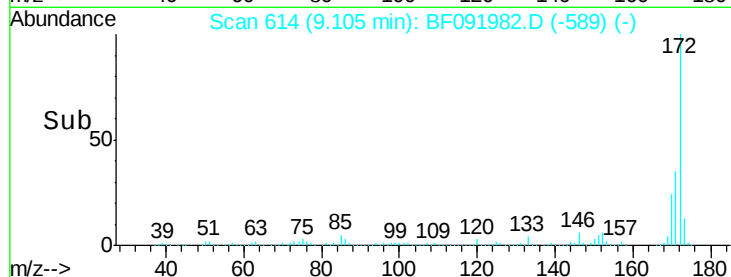
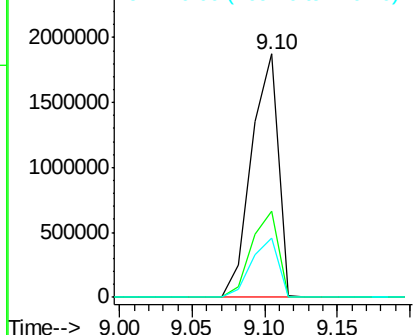
#44
 2-Fluorobiphenyl
 Concen: 117.84 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091982.D
 Acq: 27 Dec 2016 22:00

Instrument :
 BNA_F
 ClientSampleId :
 PZ-3

Tgt Ion:172 Resp: 2411868
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 24.2 20.2 30.4

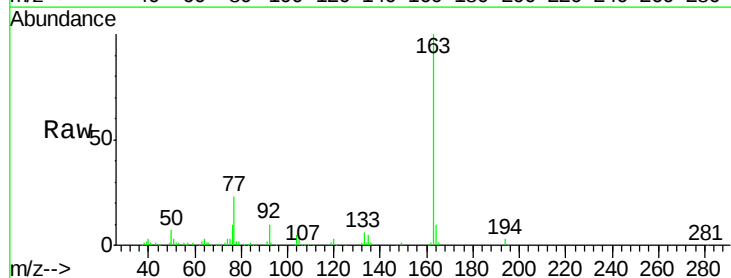


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

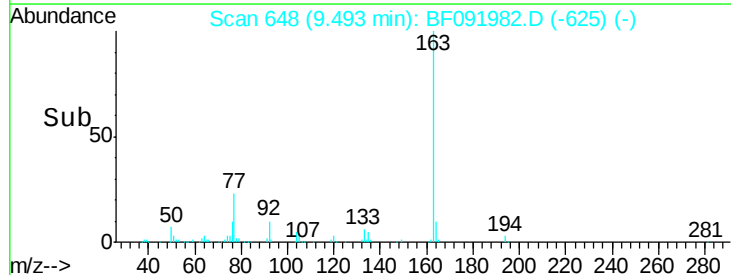
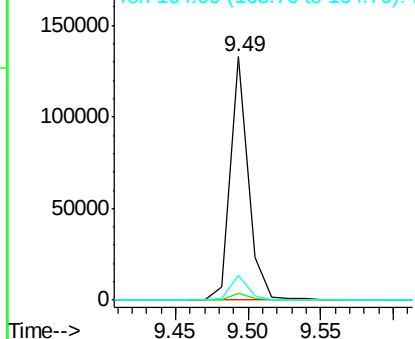


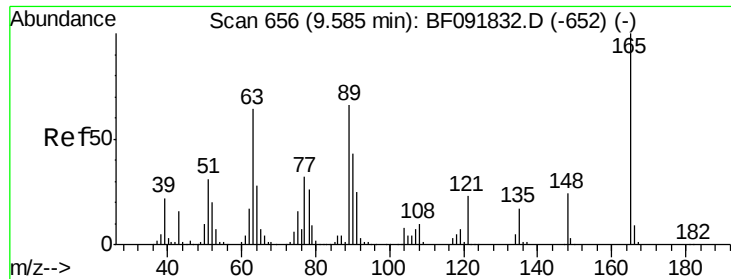
#49
 Dimethylphthalate
 Concen: 4.10 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.03 min
 Lab File: BF091982.D
 Acq: 27 Dec 2016 22:00

Tgt Ion:163 Resp: 114746
 Ion Ratio Lower Upper
 163 100
 194 2.9 3.0 4.4#
 164 10.4 8.0 12.0



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

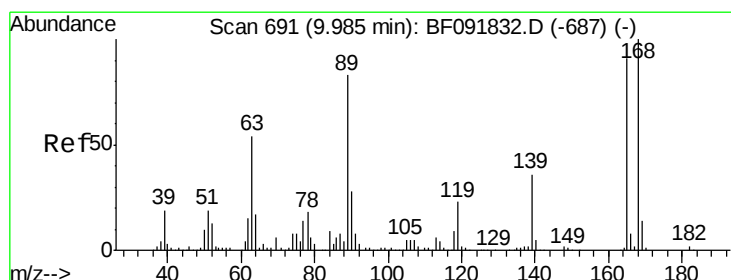
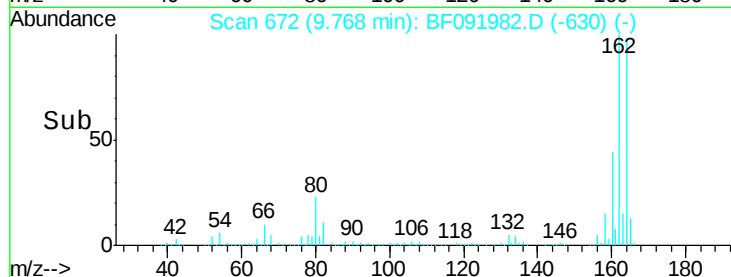
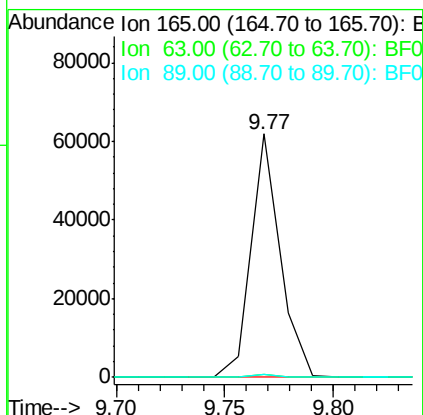
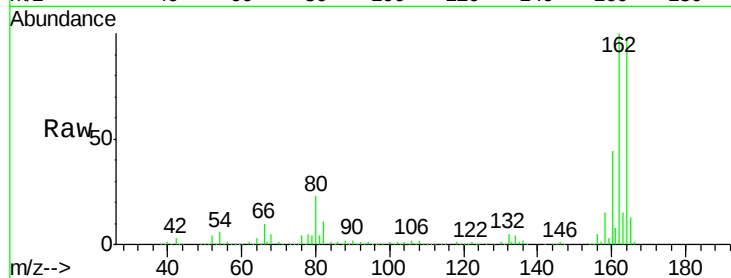




#50
 2,6-Dinitrotoluene
 Concen: 9.37 ng
 RT: 9.77 min Scan# 672
 Delta R.T. 0.18 min
 Lab File: BF091982.D
 Acq: 27 Dec 2016 22:00

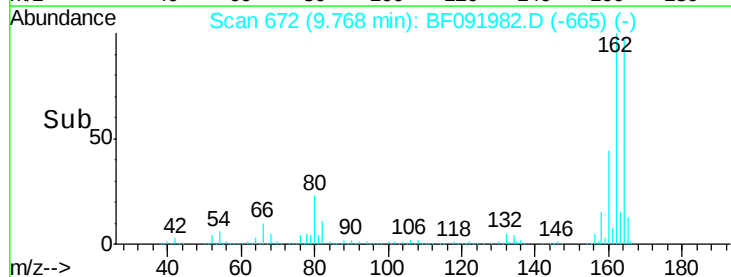
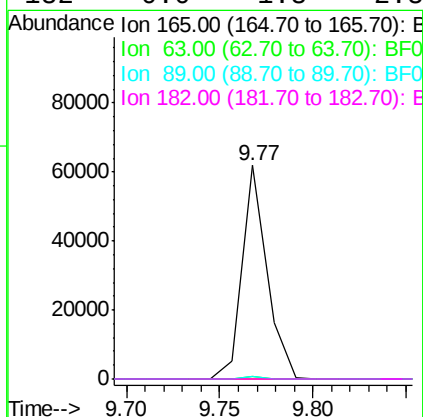
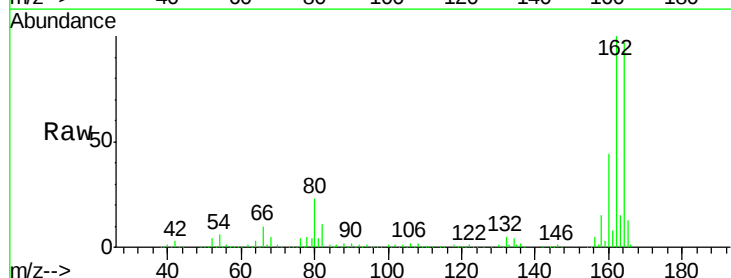
Instrument :
 BNA_F
 ClientSampleId :
 PZ-3

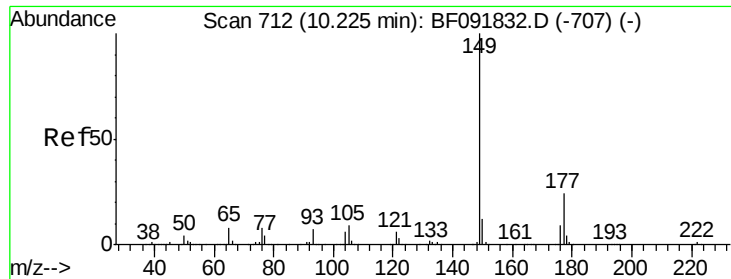
Tgt Ion:165 Resp: 57456
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.2 54.4#
 89 1.0 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 7.47 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.22 min
 Lab File: BF091982.D
 Acq: 27 Dec 2016 22:00

Tgt Ion:165 Resp: 57458
 Ion Ratio Lower Upper
 165 100
 63 1.3 40.2 60.4#
 89 1.0 62.5 93.7#
 182 0.0 1.8 2.8#

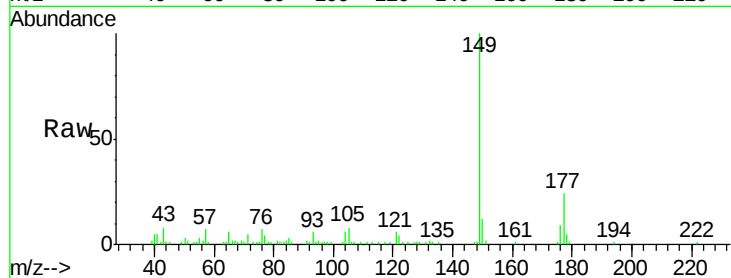




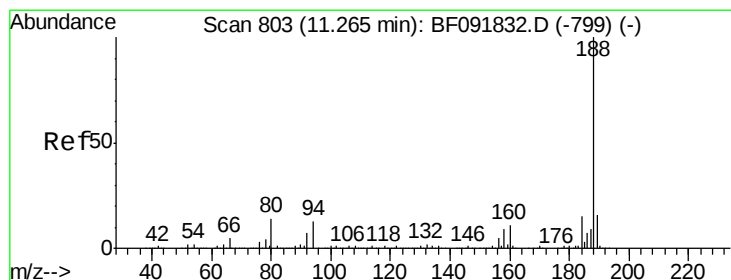
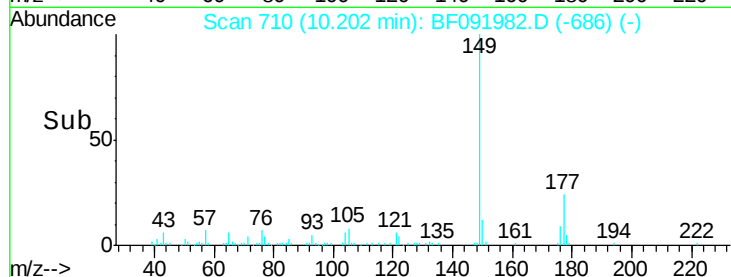
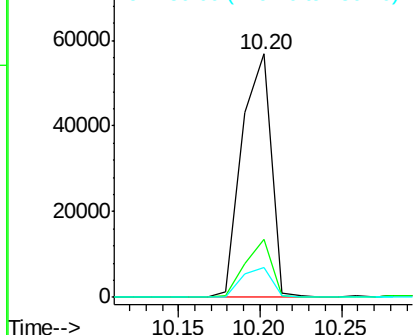
#59
Diethylphthalate
Concen: 2.59 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.02 min
Lab File: BF091982.D
Acq: 27 Dec 2016 22:00

Instrument :
BNA_F
ClientSampleId :
PZ-3

Tgt Ion:149 Resp: 70429
Ion Ratio Lower Upper
149 100
177 23.6 16.6 25.0
150 12.1 10.4 15.6

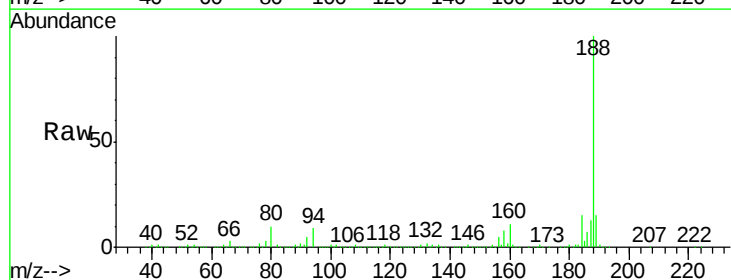


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

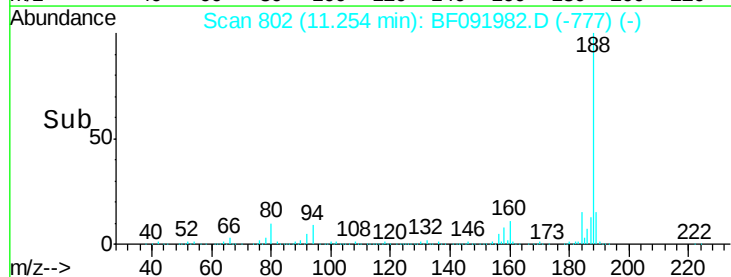
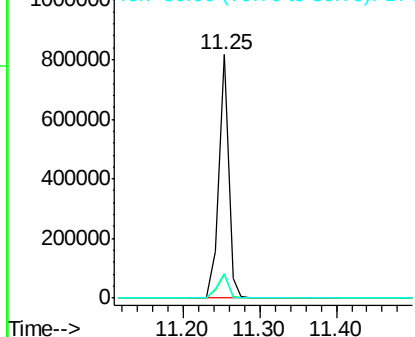


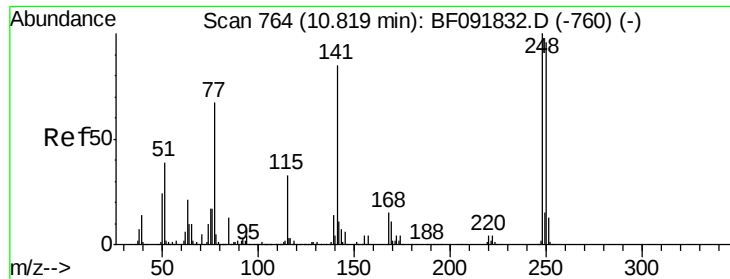
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091982.D
Acq: 27 Dec 2016 22:00

Tgt Ion:188 Resp: 722629
Ion Ratio Lower Upper
188 100
94 9.5 10.0 15.0#
80 10.1 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

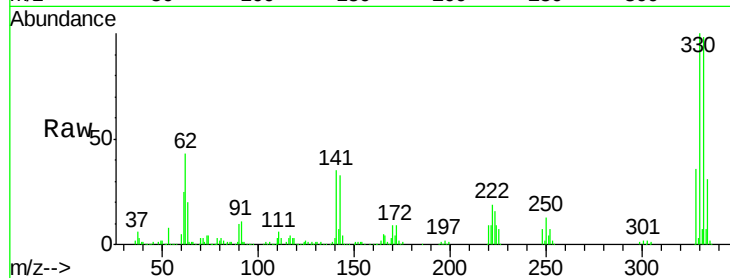




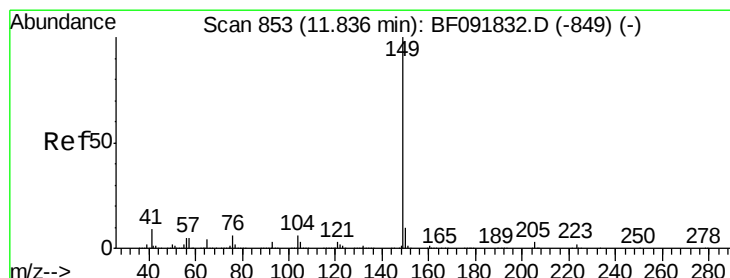
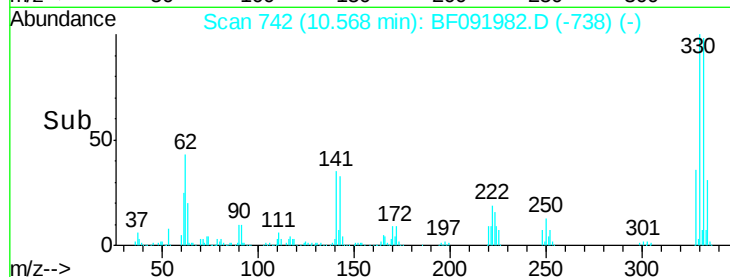
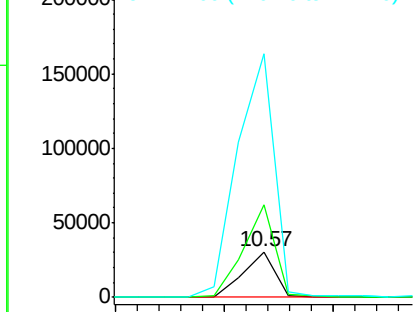
#66
4-Bromophenyl-phenylether
Concen: 4.14 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.25 min
Lab File: BF091982.D
Acq: 27 Dec 2016 22:00

Instrument :
BNA_F
ClientSampleId :
PZ-3

Tgt Ion:248 Resp: 31137
Ion Ratio Lower Upper
248 100
250 202.9 76.9 115.3#
141 531.5 68.2 102.4#

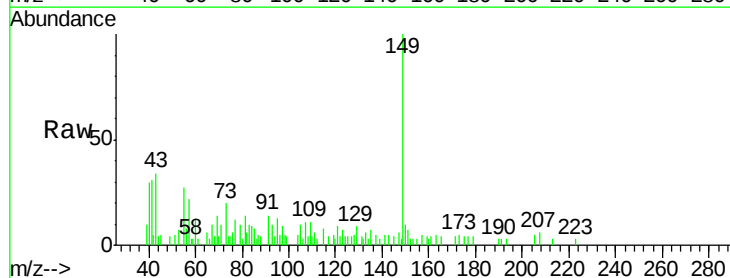


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

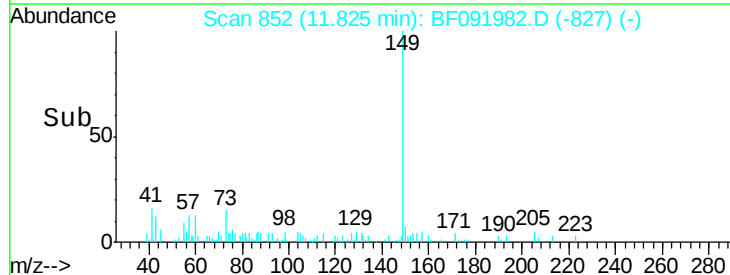
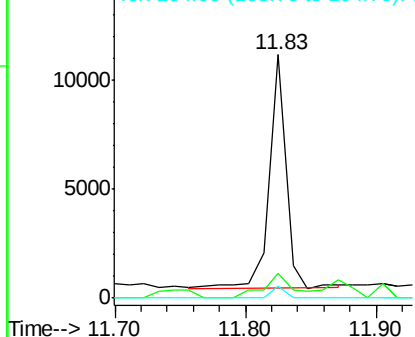


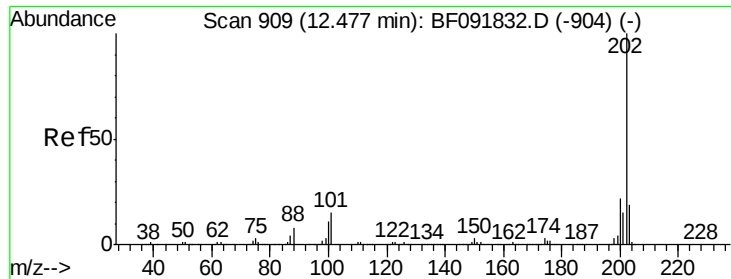
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.83 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF091982.D
Acq: 27 Dec 2016 22:00

Tgt Ion:149 Resp: 9734
Ion Ratio Lower Upper
149 100
150 10.1 8.1 12.1
104 4.9 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.47 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091982.D

Acq: 27 Dec 2016 22:00

Instrument :

BNA_F

ClientSampleId :

PZ-3

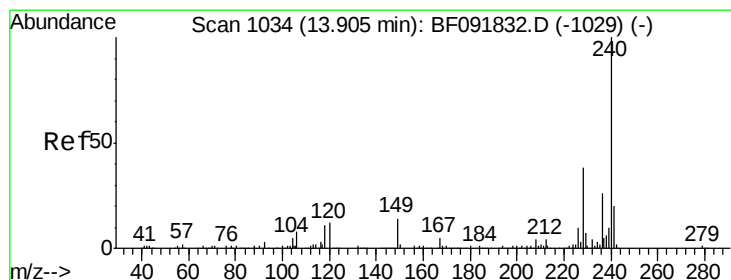
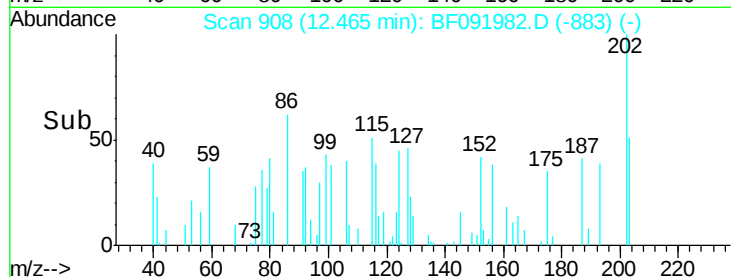
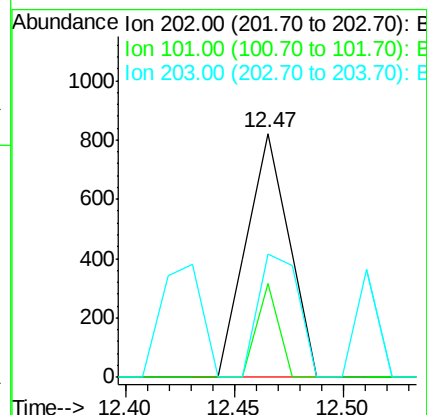
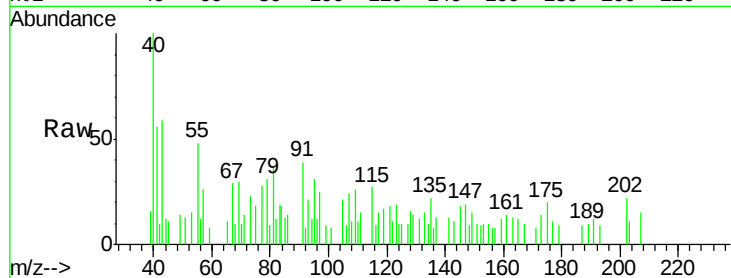
Tgt Ion: 202 Resp: 1123

Ion Ratio Lower Upper

202 100

101 38.2 0.0 34.6#

203 50.7 0.0 38.7#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091982.D

Acq: 27 Dec 2016 22:00

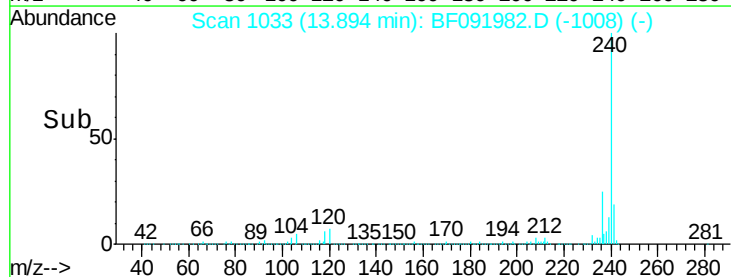
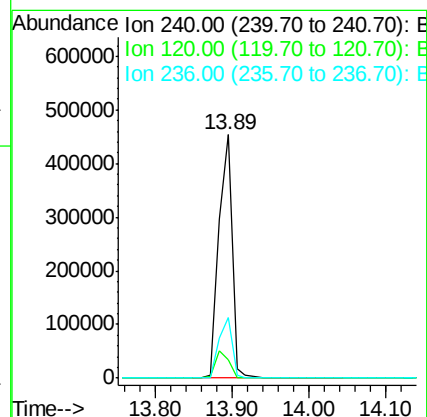
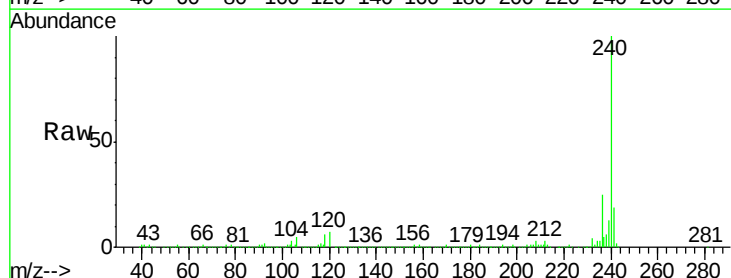
Tgt Ion: 240 Resp: 541399

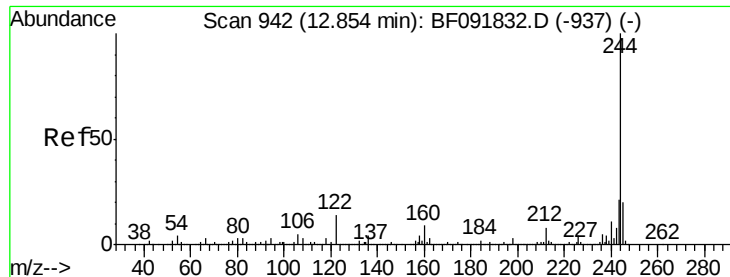
Ion Ratio Lower Upper

240 100

120 7.3 12.9 19.3#

236 25.1 20.9 31.3

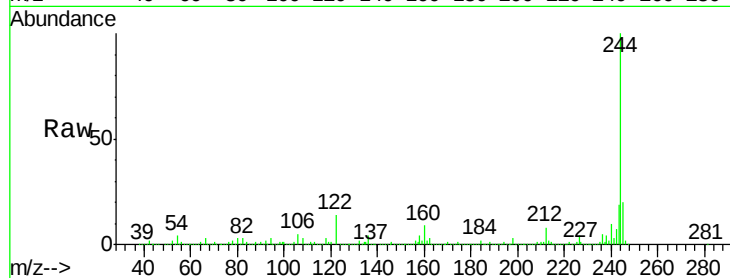




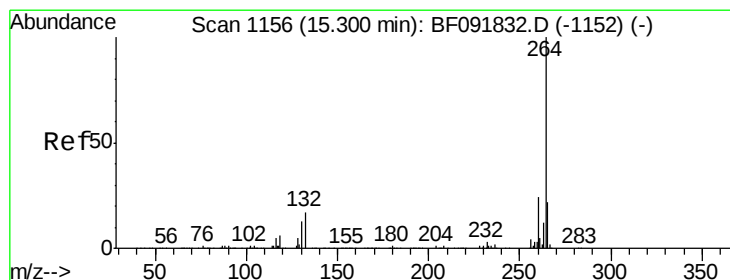
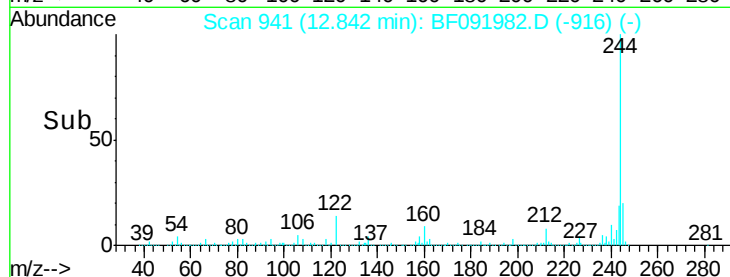
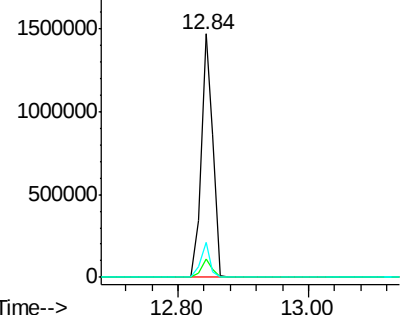
#78
 Terphenyl-d14
 Concen: 83.11 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF091982.D
 Acq: 27 Dec 2016 22:00

Instrument :
 BNA_F
 ClientSampleId :
 PZ-3

Tgt Ion:244 Resp: 1855362
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.4 11.4 17.2

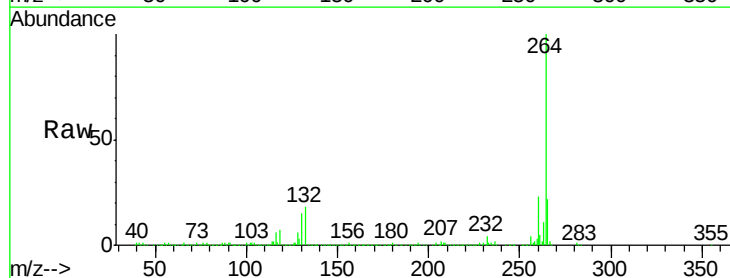


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091982.D
 Acq: 27 Dec 2016 22:00

Tgt Ion:264 Resp: 411436
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 22.3 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

