

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098089.D
 Acq On : 29 Aug 2017 1:57
 Operator : SJ/JU
 Sample : I4959-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT2321-RT2315-20-02-RB36575

Quant Time: Aug 29 07:56:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

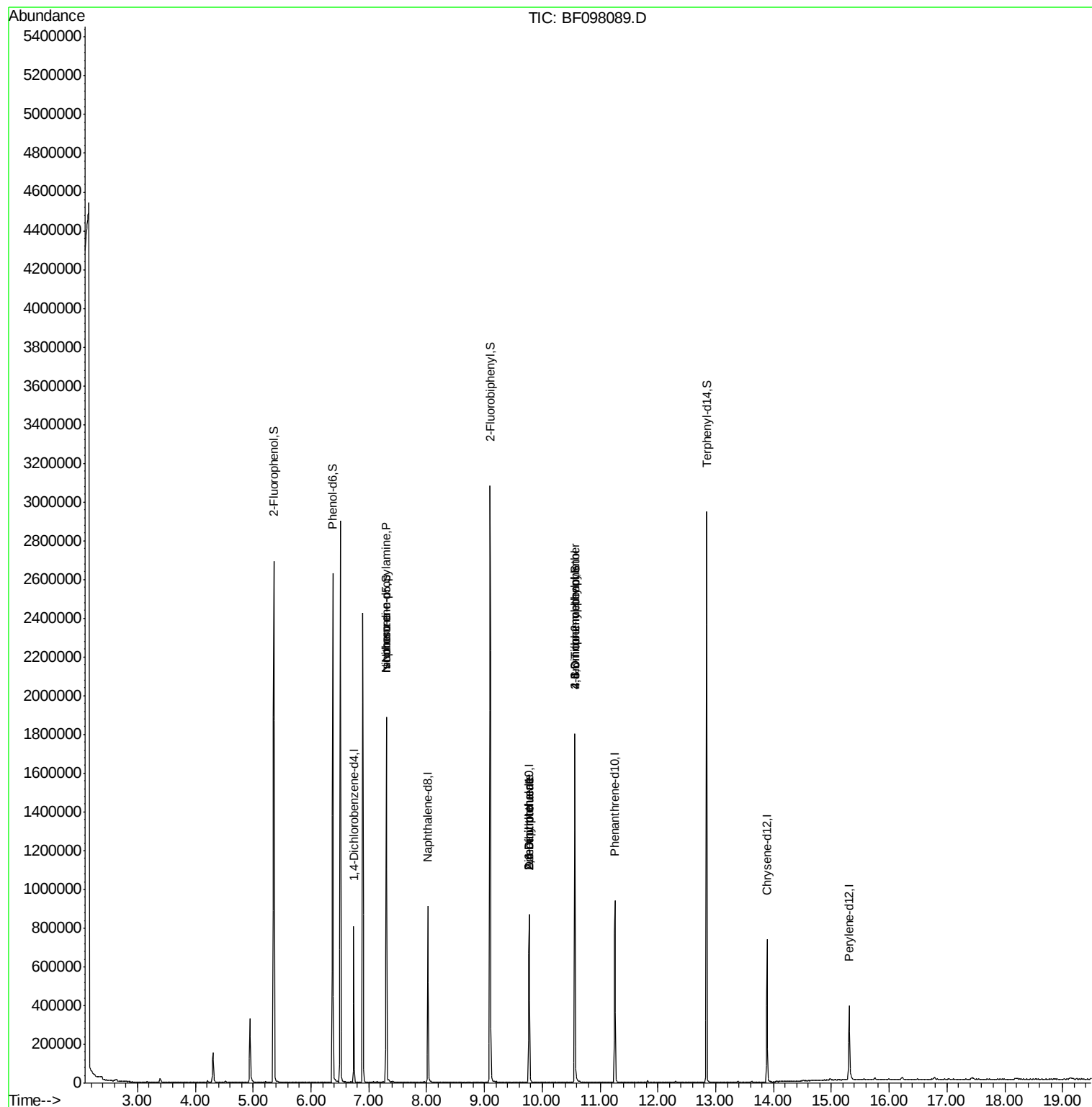
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	102874	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	400868	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	172278	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	335186	20.00	ng	0.00
75) Chrysene-d12	13.89	240	265191	20.00	ng	-0.01
86) Perylene-d12	15.31	264	191011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	816004	120.65	ng	0.00
7) Phenol-d6	6.38	99	1013456	110.29	ng	0.00
23) Nitrobenzene-d5	7.30	82	704805	95.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	213808	143.04	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1032069	88.02	ng	-0.01
78) Terphenyl-d14	12.85	244	923628	72.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	93329	14.836	ng	# 74
25) Isophorone	7.30	82	696590	45.399	ng	# 67
49) Dimethylphthalate	9.77	163	44711	3.550	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	21424	8.523	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	21424	6.791	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.56	198	433	8.547	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	14367	4.128	ng	# 1

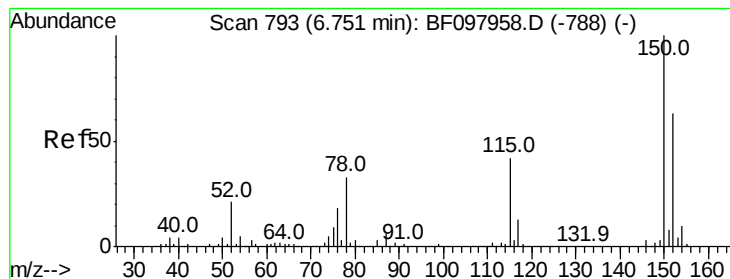
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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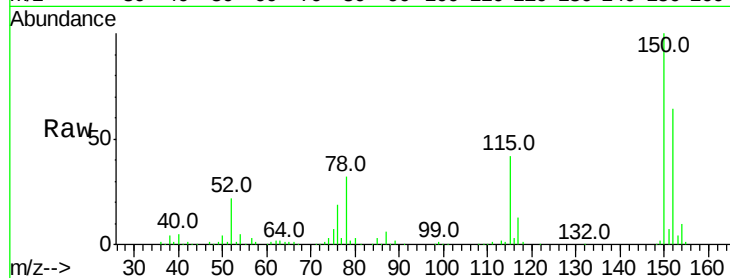


#1

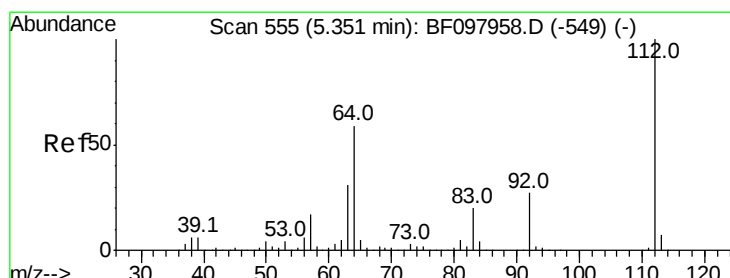
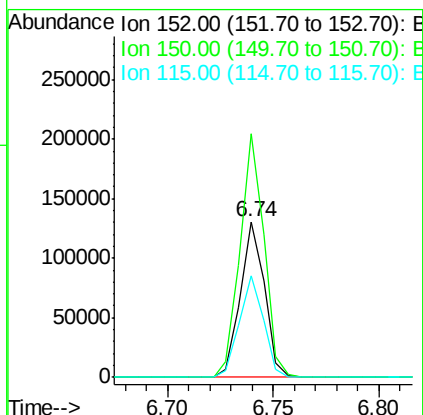
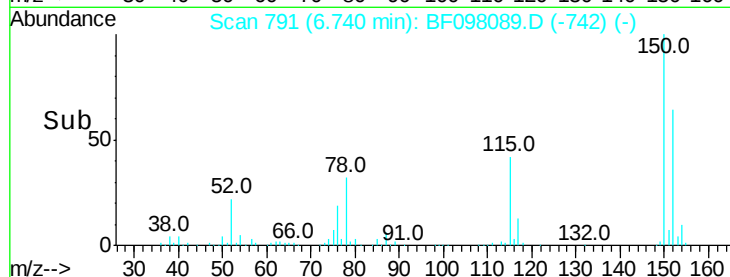
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF098089.D
 Acq: 29 Aug 2017 1:57

Instrument :
 BNA_F
 ClientSampleId :
 RT2321-RT2315-20-02-RB36575

Tot Ion:152 Resp: 102874
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.2 189.2
 115 65.5 52.2 78.2



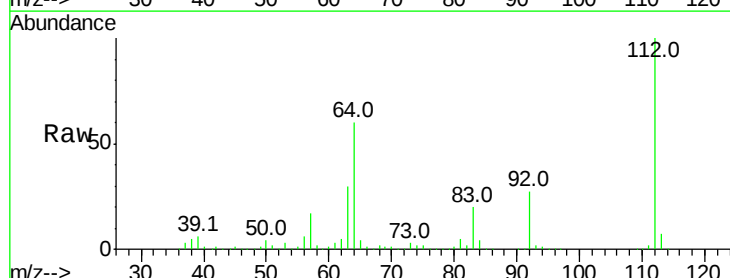
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



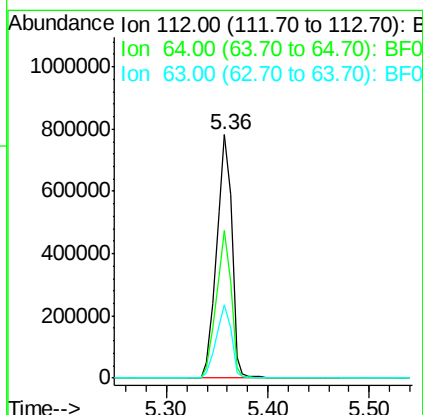
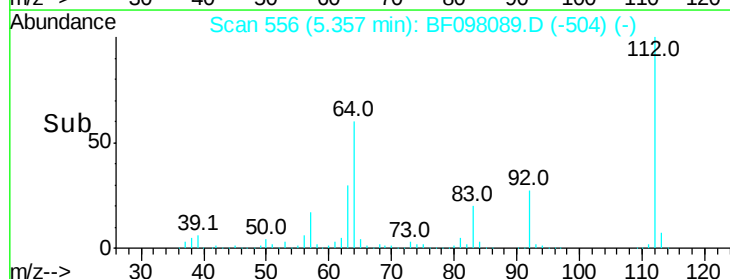
#5

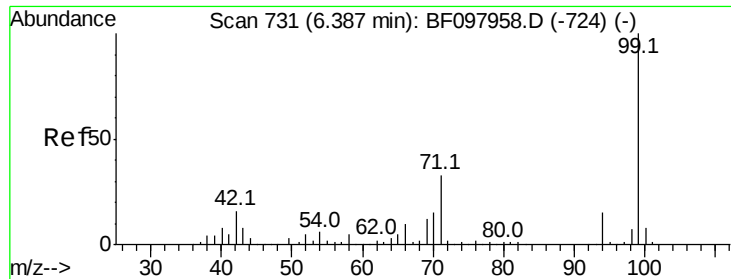
2-Fluorophenol
 Concen: 120.653 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF098089.D
 Acq: 29 Aug 2017 1:57

Tgt Ion:112 Resp: 816004
 Ion Ratio Lower Upper
 112 100
 64 60.5 46.0 69.0
 63 30.2 23.4 35.0



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: 110.286 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098089.D

Acq: 29 Aug 2017 1:57

Instrument :

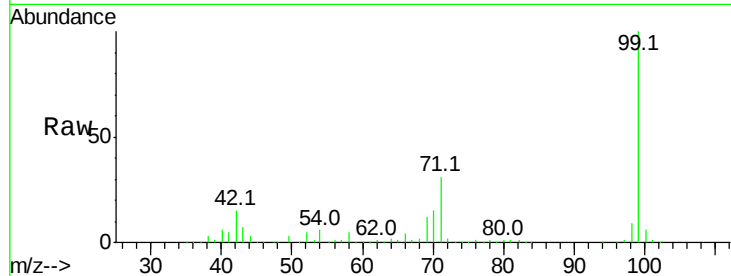
BNA_F

ClientSampleId :

RT2321-RT2315-20-02-RB36575

Tot Ion: 99 Resp: 1013456

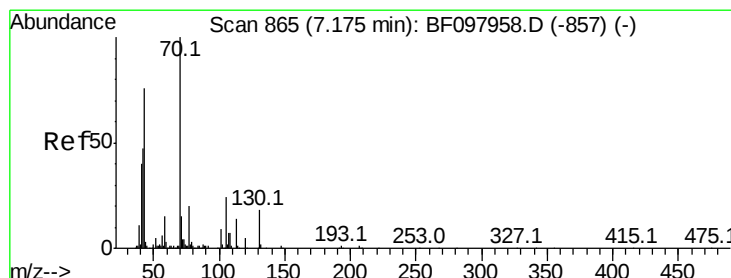
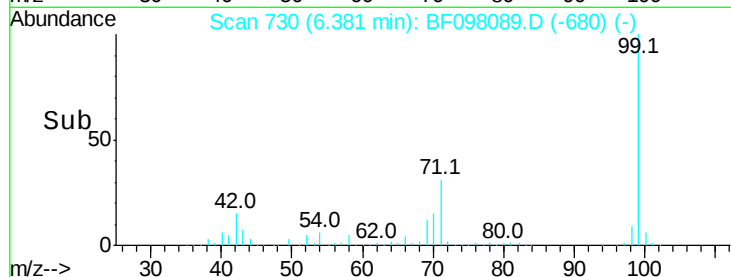
Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.5	20.3
71	31.4	24.5	36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.836 ng

RT: 7.30 min Scan# 887

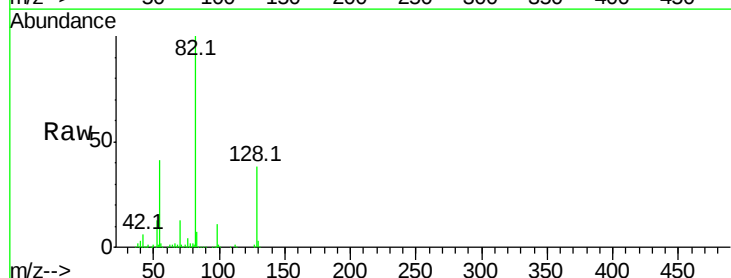
Delta R.T. 0.13 min

Lab File: BF098089.D

Acq: 29 Aug 2017 1:57

Tgt Ion: 70 Resp: 93329

Ion	Ratio	Lower	Upper
70	100		
42	42.3	47.2	70.8#
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#

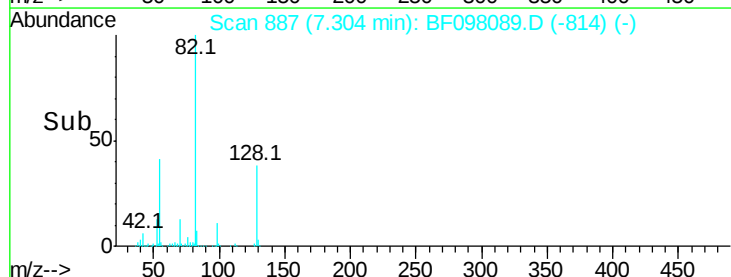


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

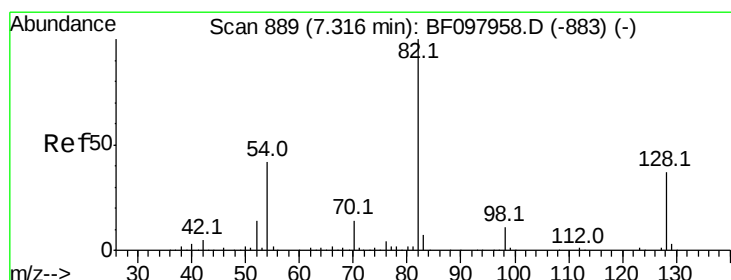
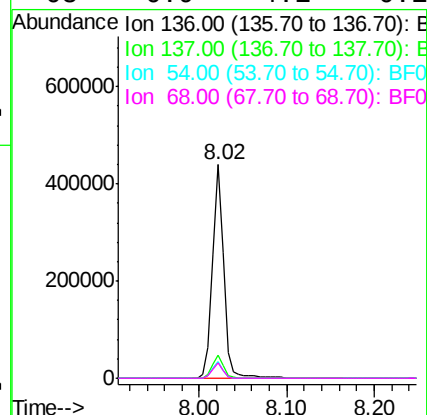
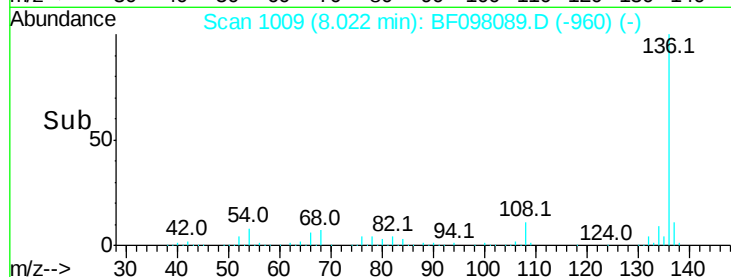
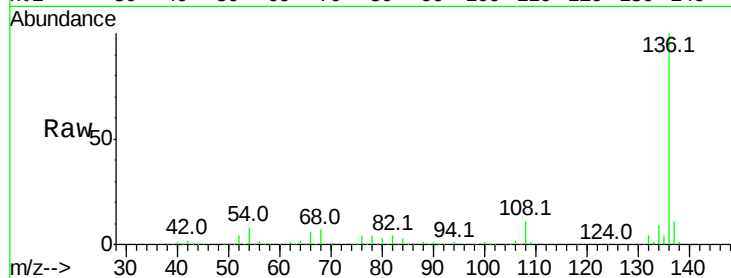




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098089.D
Acq: 29 Aug 2017 1:57

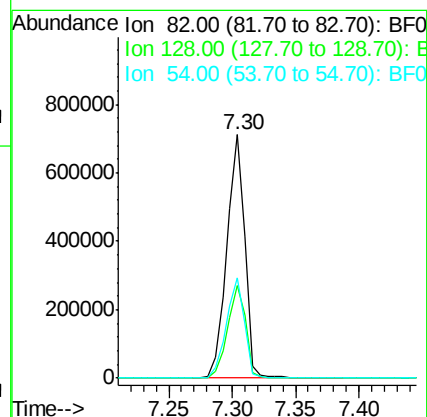
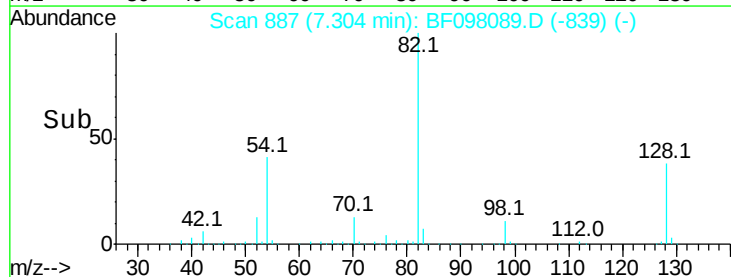
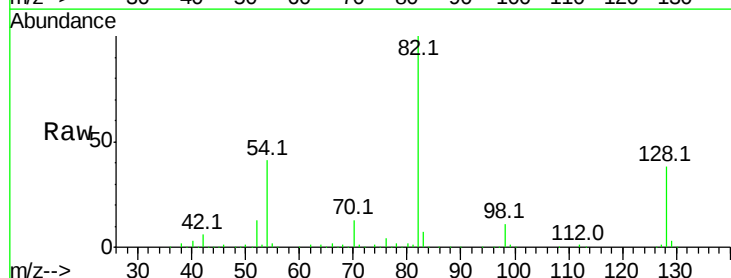
Instrument :
BNA_F
ClientSampleId :
RT2321-RT2315-20-02-RB36575

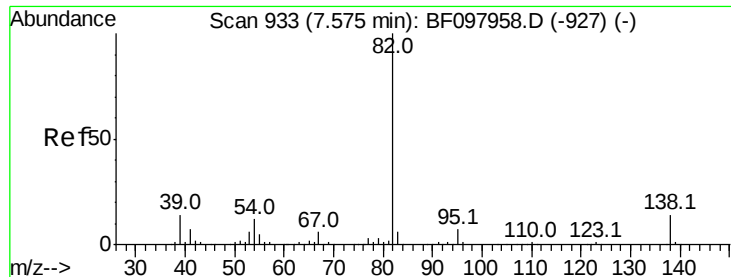
Tot Ion:	136	Resp:	400868
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	7.5	4.9	7.3#
68	6.9	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 95.513 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098089.D
Acq: 29 Aug 2017 1:57

Tgt Ion:	82	Resp:	704805
Ion Ratio	Lower	Upper	
82	100		
128	38.1	34.0	51.0
54	41.0	42.2	63.2#





#25

Isophorone

Concen: 45.399 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF098089.D

Acq: 29 Aug 2017 1:57

Instrument :

BNA_F

ClientSampleId :

RT2321-RT2315-20-02-RB36575

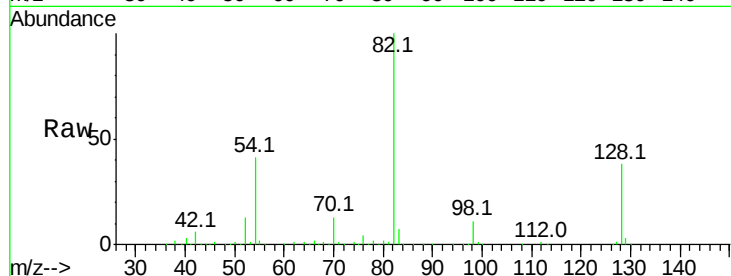
Tot Ion: 82 Resp: 696590

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

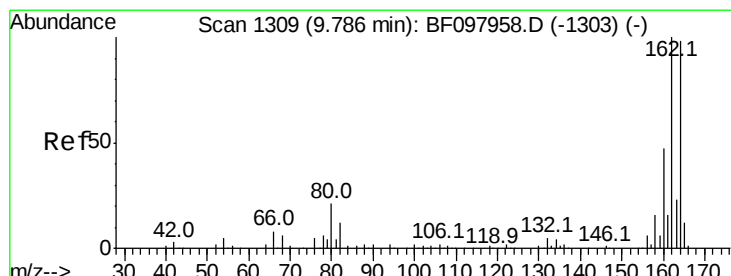
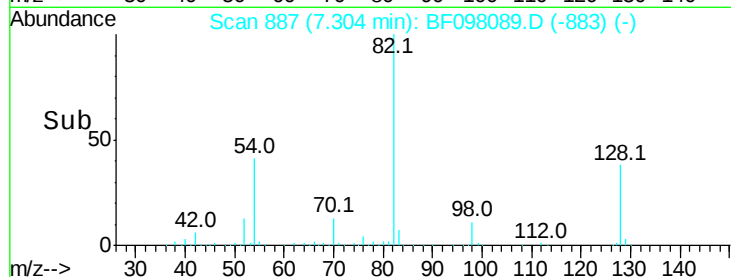
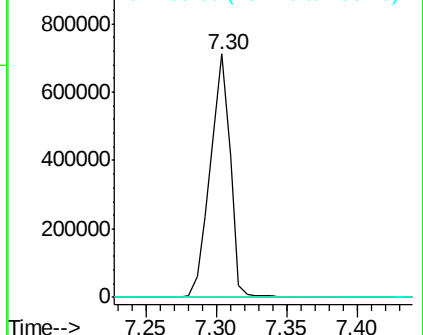
138 0.0 13.1 19.7#



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: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF098089.D

Acq: 29 Aug 2017 1:57

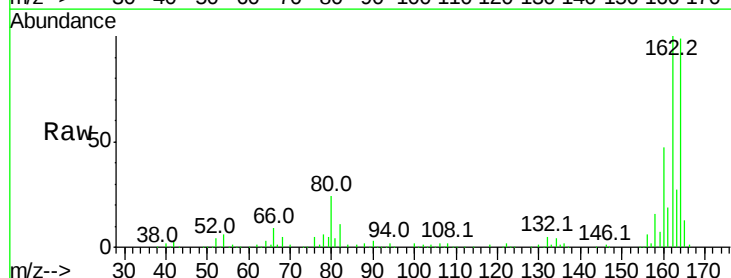
Tgt Ion:164 Resp: 172278

Ion Ratio Lower Upper

164 100

162 100.7 82.6 123.8

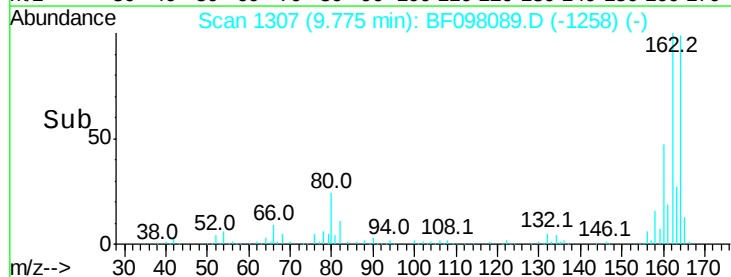
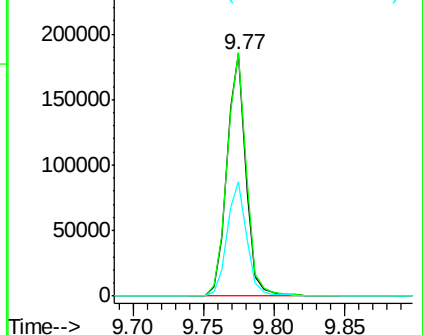
160 47.1 36.2 54.2

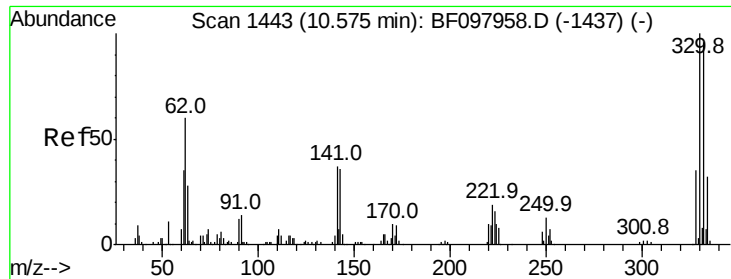


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

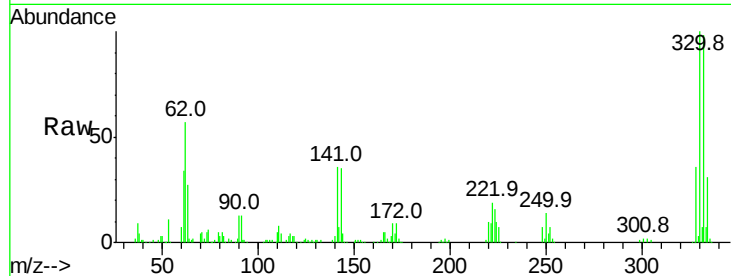




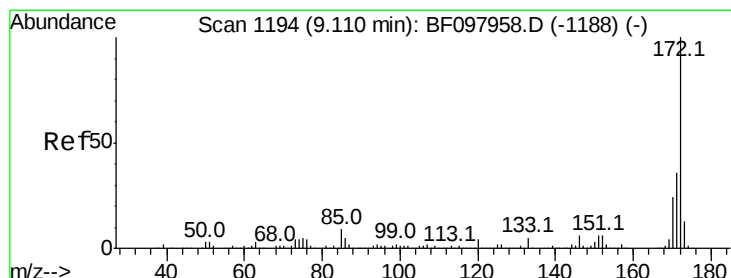
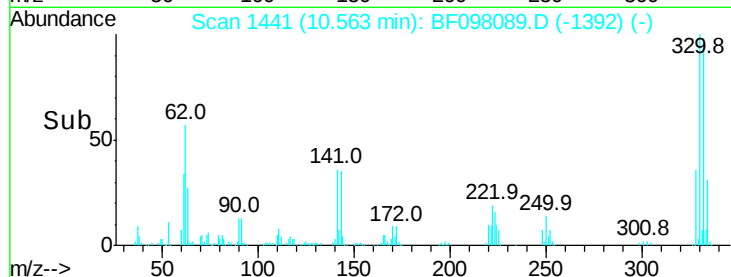
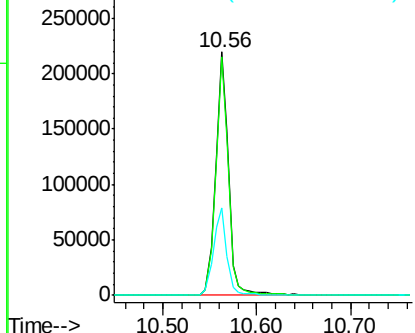
#41
 2,4,6-Tribromophenol
 Concen: 143.035 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098089.D
 Acq: 29 Aug 2017 1:57

Instrument :
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 ClientSampleId :
 RT2321-RT2315-20-02-RB36575

Tot Ion:330 Resp: 213808
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 37.9 31.4 47.2

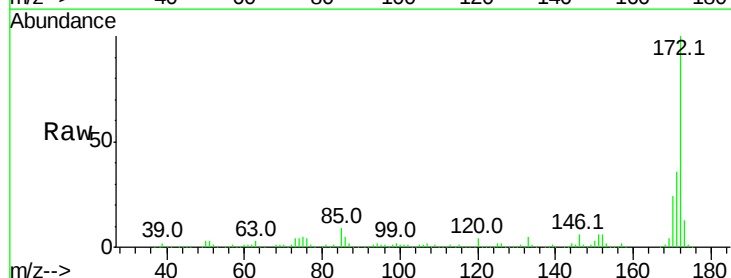


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

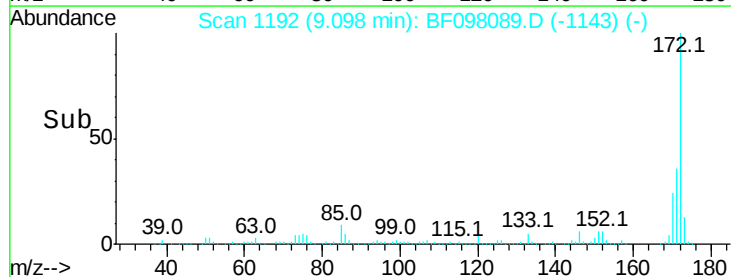
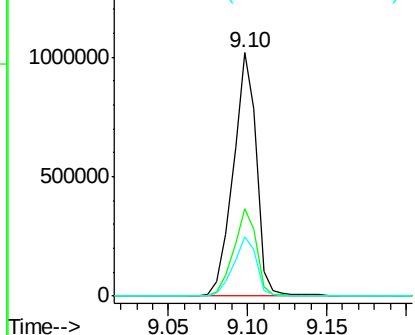


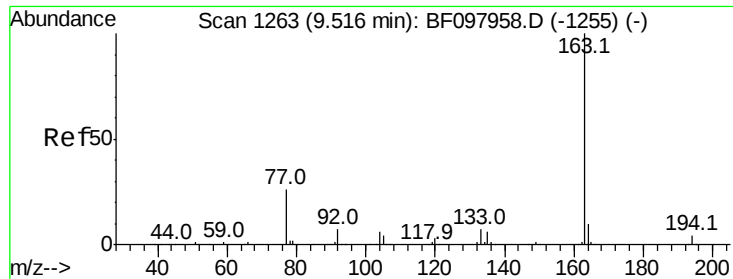
#44
 2-Fluorobiphenyl
 Concen: 88.016 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098089.D
 Acq: 29 Aug 2017 1:57

Tgt Ion:172 Resp: 1032069
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.3 19.8 29.8



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

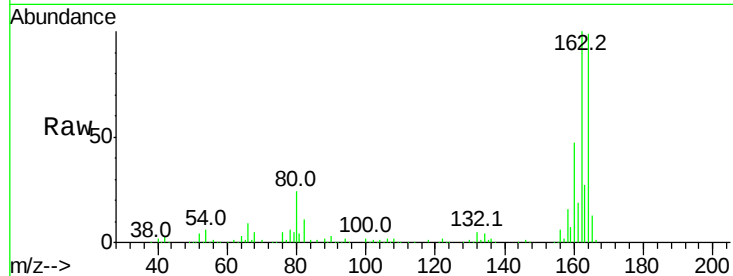




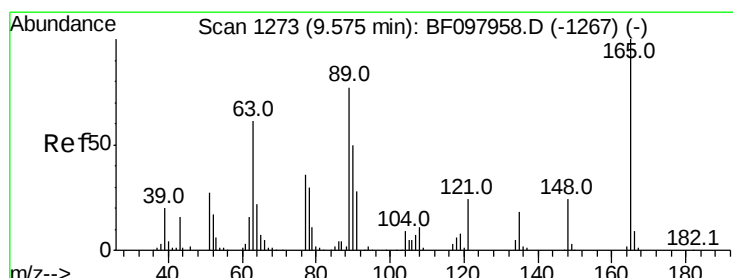
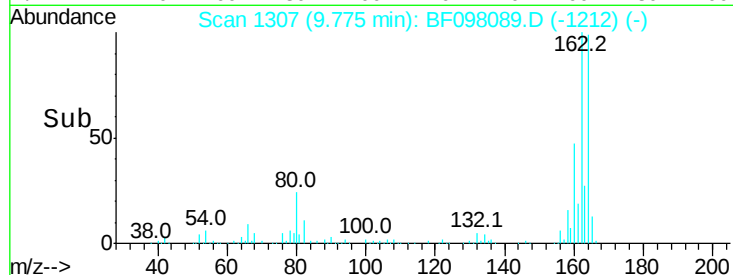
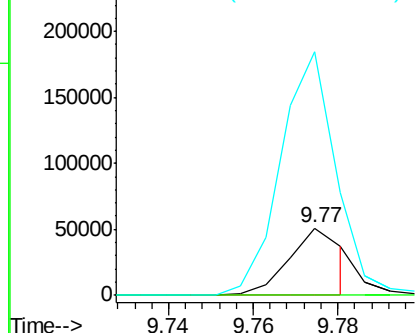
#49
Dimethylphthalate
Concen: 3.550 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF098089.D
Acq: 29 Aug 2017 1:57

Instrument :
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ClientSampleId :
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Tot Ion:163 Resp: 44711
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 361.6 8.4 12.6#

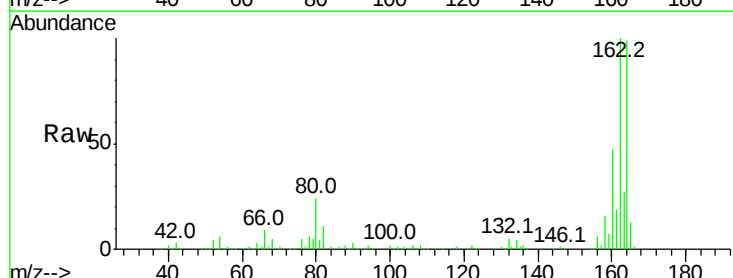


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

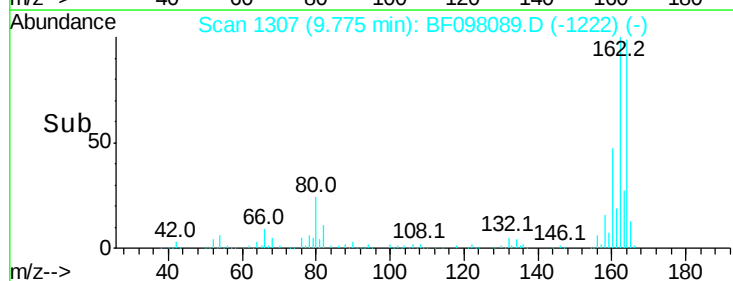
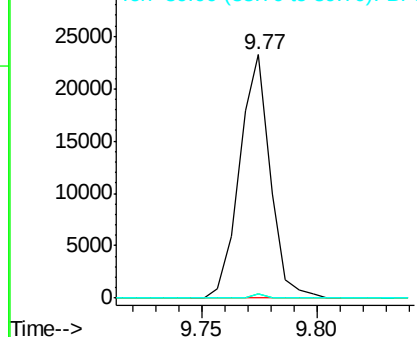


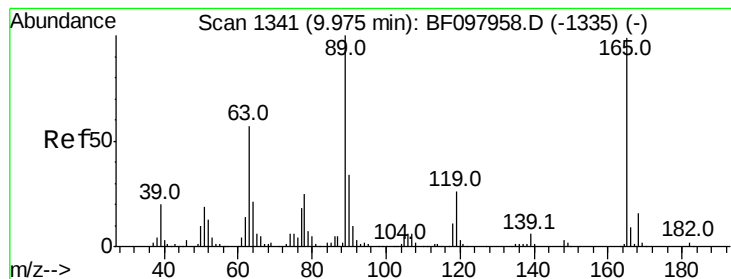
#50
2,6-Dinitrotoluene
Concen: 8.523 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.20 min
Lab File: BF098089.D
Acq: 29 Aug 2017 1:57

Tgt Ion:165 Resp: 21424
Ion Ratio Lower Upper
165 100
63 1.7 34.3 51.5#
89 1.9 37.1 55.7#



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

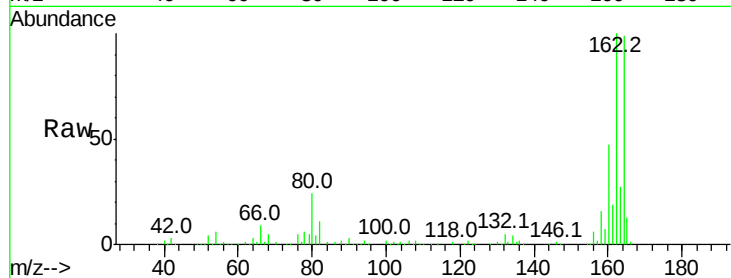




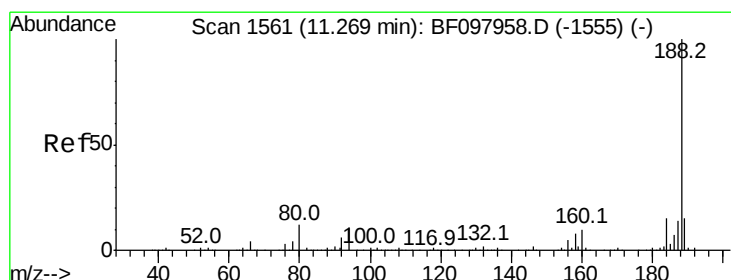
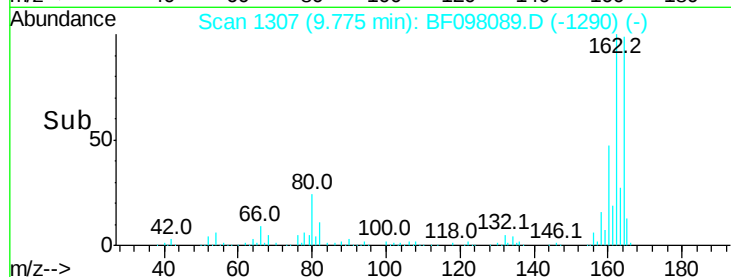
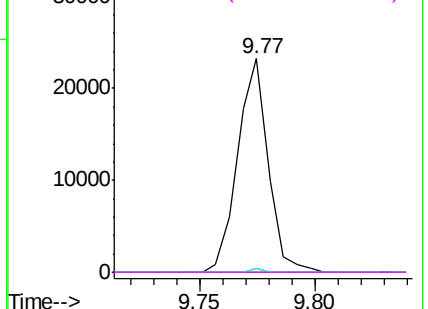
#56
 2,4-Dinitrotoluene
 Concen: 6.791 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF098089.D
 Acq: 29 Aug 2017 1:57

Instrument :
 BNA_F
 ClientSampleId :
 RT2321-RT2315-20-02-RB36575

Tot Ion:165 Resp: 21424
 Ion Ratio Lower Upper
 165 100
 63 1.7 25.4 38.0#
 89 1.9 46.4 69.6#
 182 0.0 1.8 2.6#

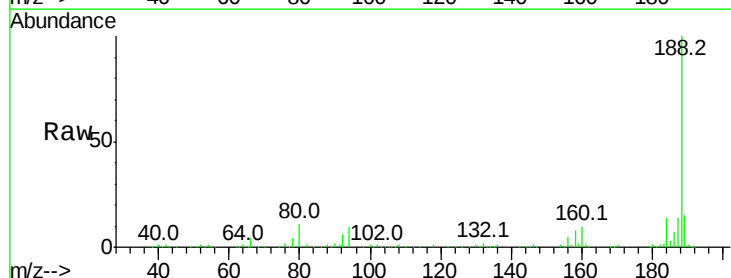


Abundance Ion 165.00 (164.70 to 165.70): E

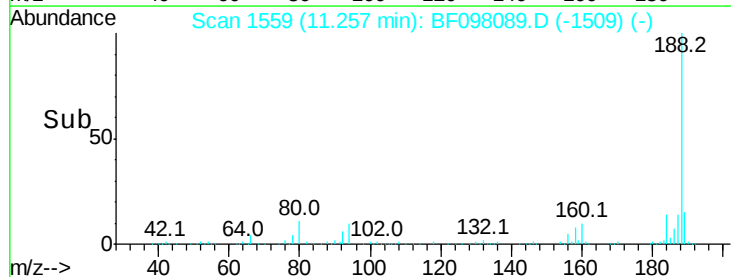
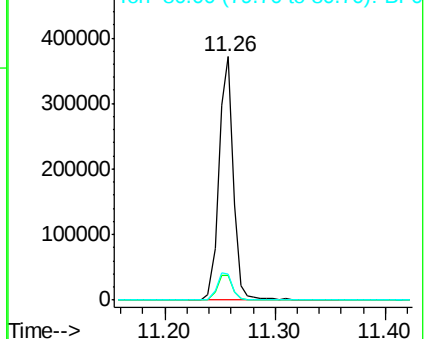


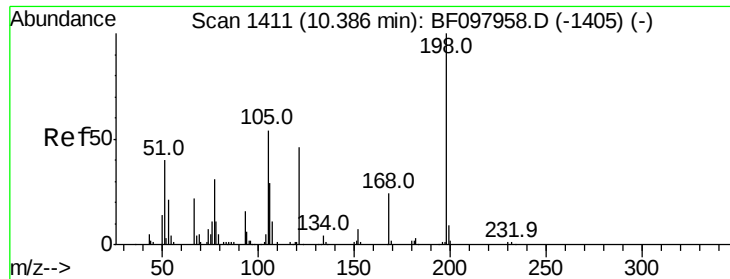
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098089.D
 Acq: 29 Aug 2017 1:57

Tgt Ion:188 Resp: 335186
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 10.9 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E





#64

4,6-Dinitro-2-methylphenol

Concen: 8.547 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.18 min

Lab File: BF098089.D

Acq: 29 Aug 2017 1:57

Instrument :

BNA_F

ClientSampleId :

RT2321-RT2315-20-02-RB36575

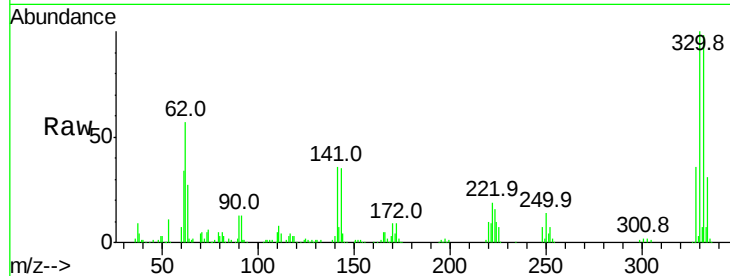
Tot Ion:198 Resp: 433

Ion Ratio Lower Upper

198 100

51 195.4 53.2 93.2#

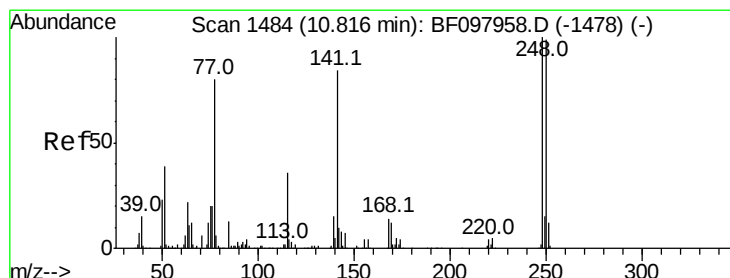
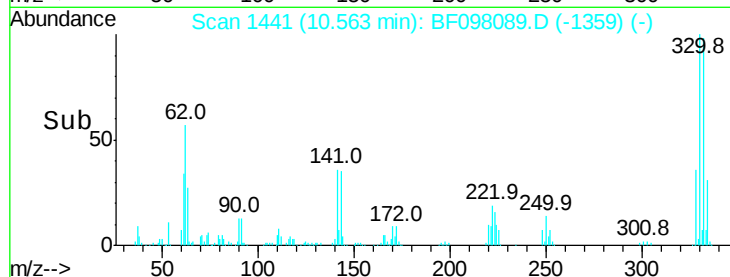
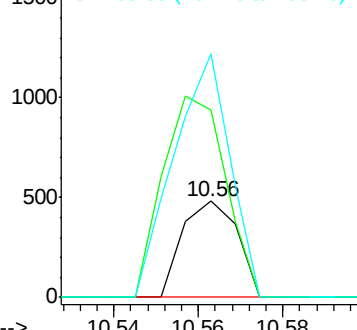
105 254.2 45.8 85.8#



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: 4.128 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.25 min

Lab File: BF098089.D

Acq: 29 Aug 2017 1:57

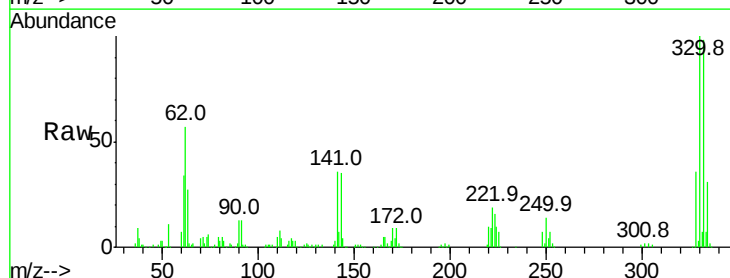
Tgt Ion:248 Resp: 14367

Ion Ratio Lower Upper

248 100

250 202.3 76.8 115.2#

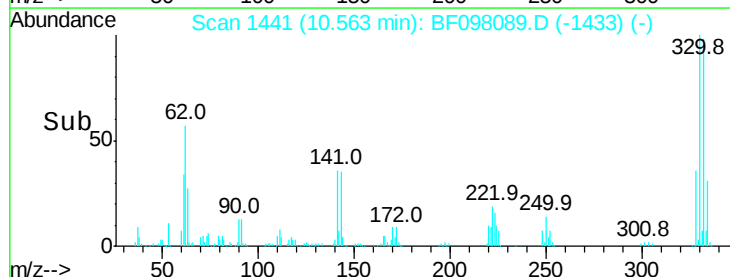
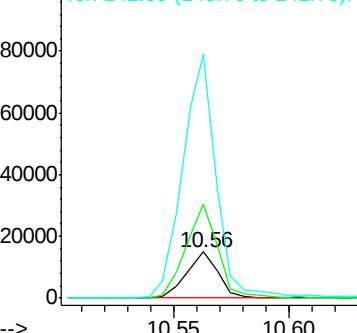
141 527.6 68.6 103.0#

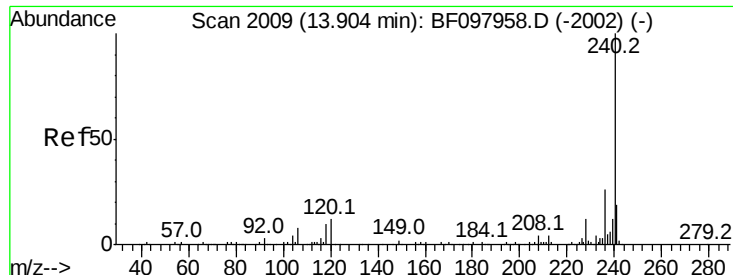


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098089.D

Acq: 29 Aug 2017 1:57

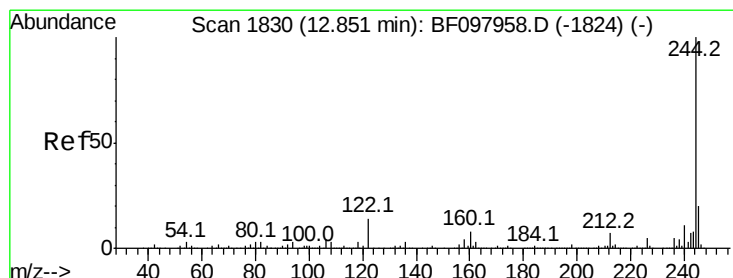
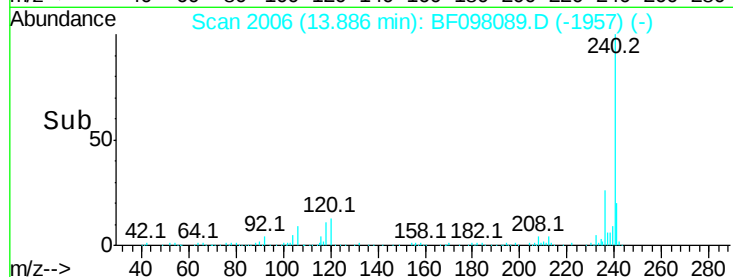
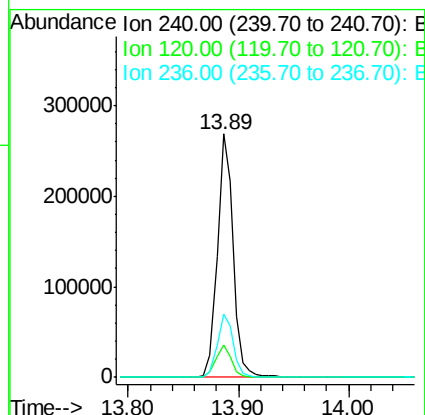
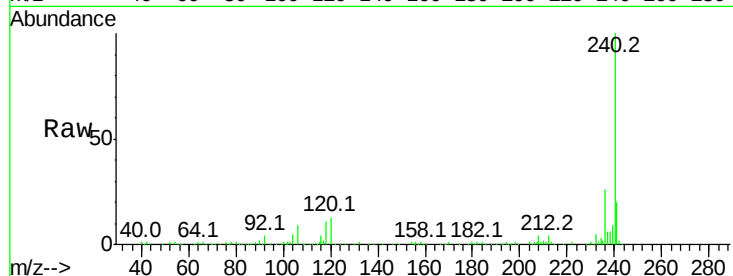
Instrument :

BNA_F

ClientSampleId :

RT2321-RT2315-20-02-RB36575

Tot Ion:240	Resp:	265191
Ion Ratio	Lower	Upper
240	100	
120	13.4	5.8 8.8#
236	25.8	20.5 30.7



#78

Terphenyl-d14

Concen: 72.630 ng

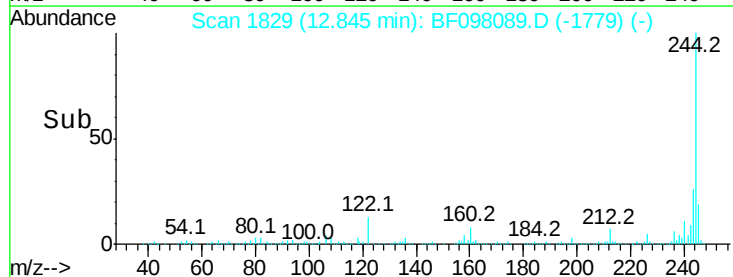
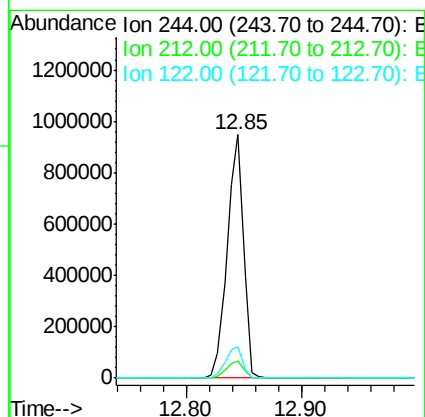
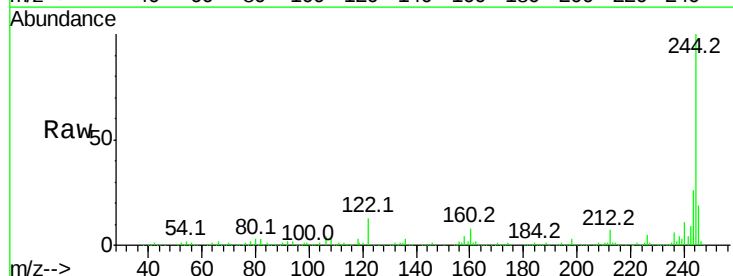
RT: 12.85 min Scan# 1829

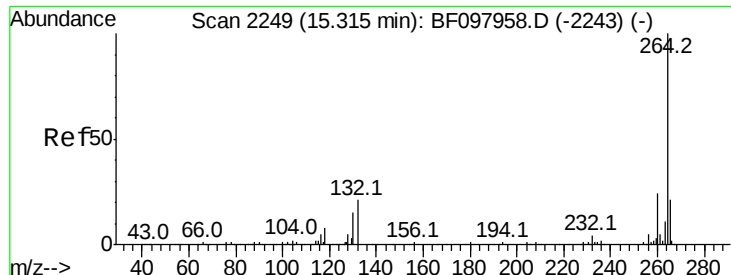
Delta R.T. -0.01 min

Lab File: BF098089.D

Acq: 29 Aug 2017 1:57

Tgt Ion:244	Resp:	923628
Ion Ratio	Lower	Upper
244	100	
212	7.3	6.0 9.0
122	13.0	10.3 15.5

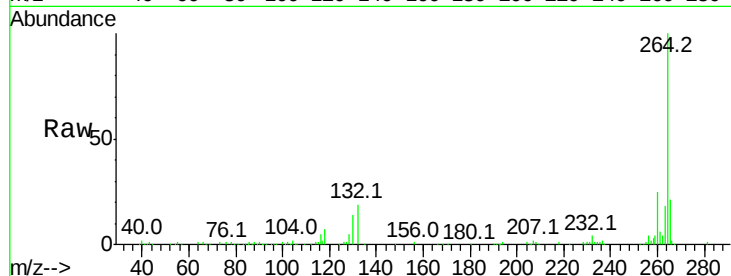




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF098089.D
Acq: 29 Aug 2017 1:57

Instrument :
BNA_F
ClientSampleId :
RT2321-RT2315-20-02-RB36575

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	20.8	17.2	25.8

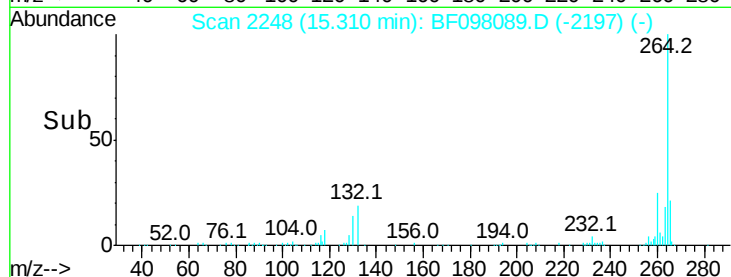
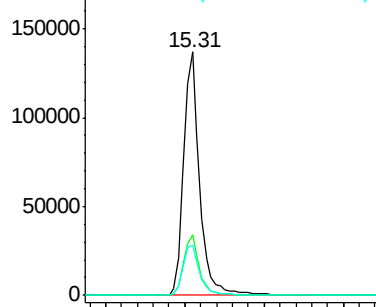


Abundance

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



Time-->