

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080517\
 Data File : BF097423.D
 Acq On : 6 Aug 2017 6:35
 Operator : SJ/JU
 Sample : I4593-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-294

Quant Time: Aug 06 07:54:57 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

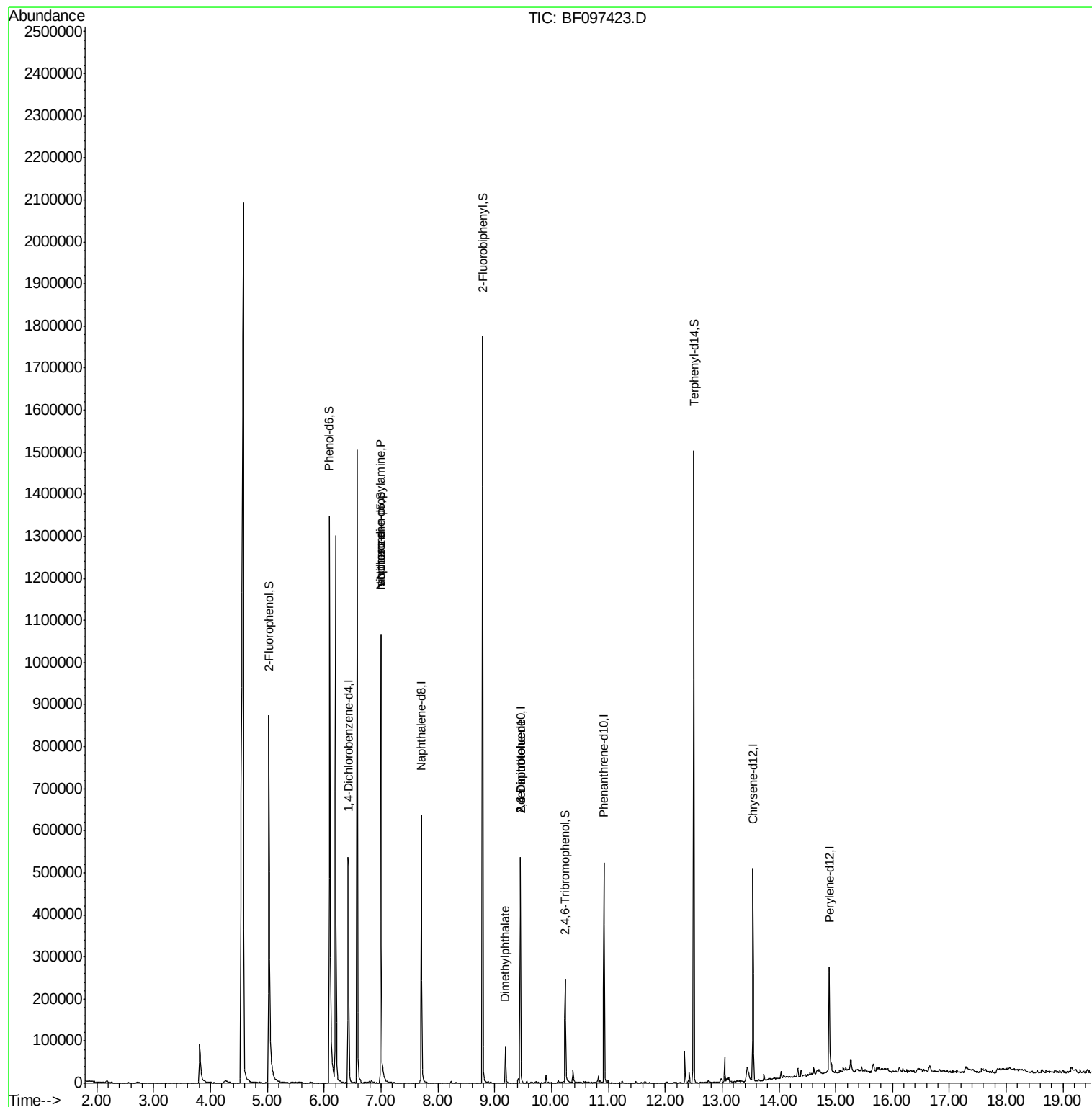
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.43	152	88303	20.00	ng	-0.07
21) Naphthalene-d8	7.71	136	328089	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	105086	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	184214	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	168070	20.00	ng	-0.08
86) Perylene-d12	14.89	264	104733	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	362435	61.87	ng	-0.07
7) Phenol-d6	6.09	99	548773	82.06	ng	-0.08
23) Nitrobenzene-d5	6.99	82	372348	66.58	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	30064	36.21	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	553108	89.32	ng	-0.08
78) Terphenyl-d14	12.50	244	430706	52.25	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.00	70	49315	11.20	ng	# 87
25) Isophorone	6.99	82	364480	33.28	ng	# 67
49) Dimethylphthalate	9.19	163	40459	5.07	ng	98
50) 2,6-Dinitrotoluene	9.45	165	12754	7.54	ng	# 31
56) 2,4-Dinitrotoluene	9.45	165	12754	6.56	ng	# 31

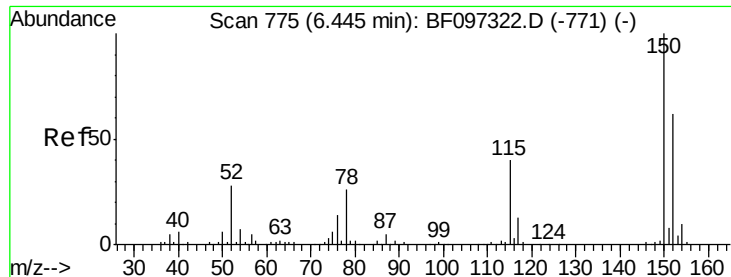
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080517\
Data File : BF097423.D
Acq On : 6 Aug 2017 6:35
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Aug 06 07:54:57 2017
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QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.43 min Scan# 789

Delta R.T. -0.07 min

Lab File: BF097423.D

Acq: 6 Aug 2017 6:35

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-294

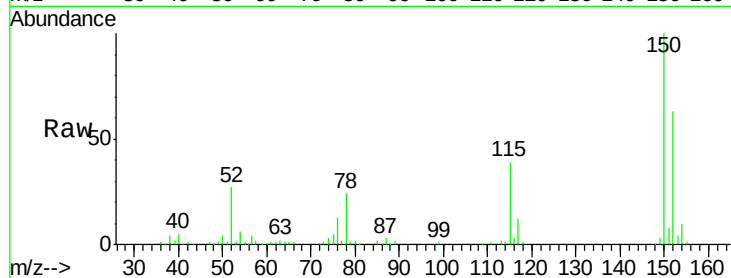
Tgt Ion:152 Resp: 88303

Ion Ratio Lower Upper

152 100

150 158.5 126.2 189.2

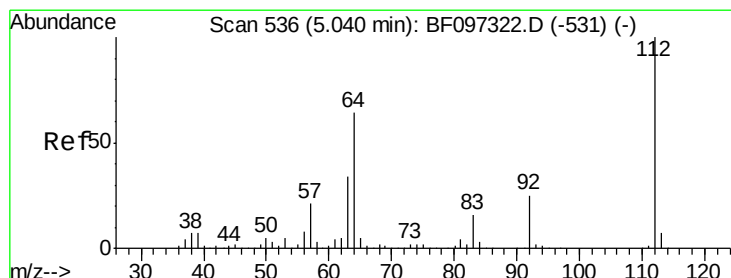
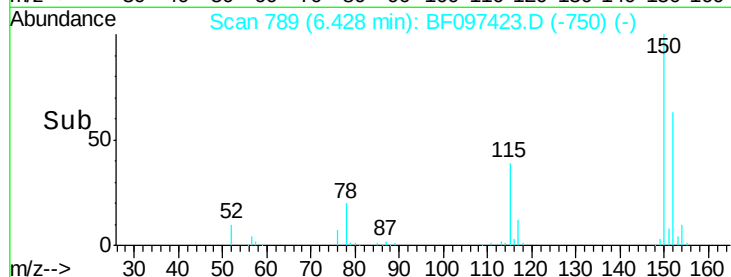
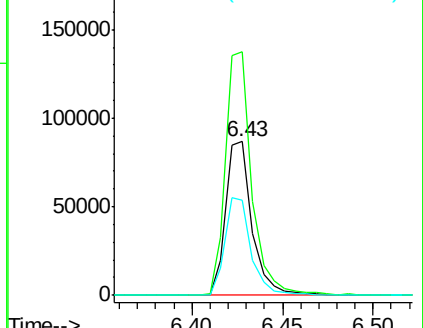
115 61.6 52.2 78.2



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: 61.87 ng

RT: 5.03 min Scan# 551

Delta R.T. -0.07 min

Lab File: BF097423.D

Acq: 6 Aug 2017 6:35

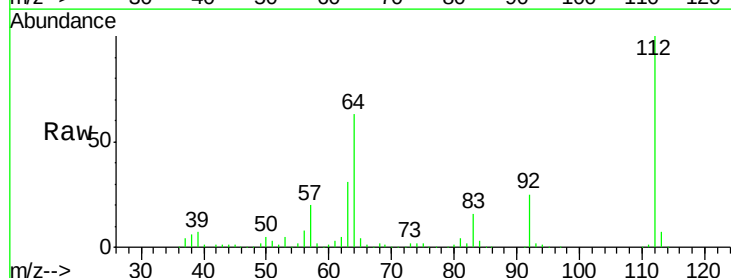
Tgt Ion:112 Resp: 362435

Ion Ratio Lower Upper

112 100

64 62.8 46.0 69.0

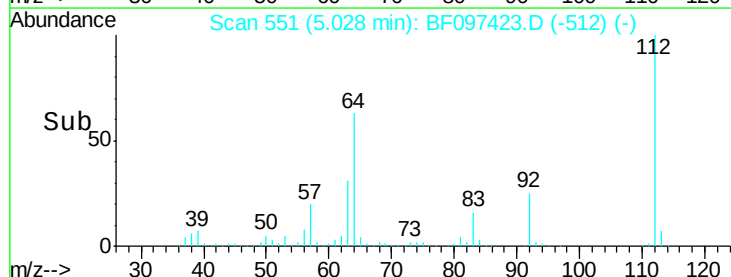
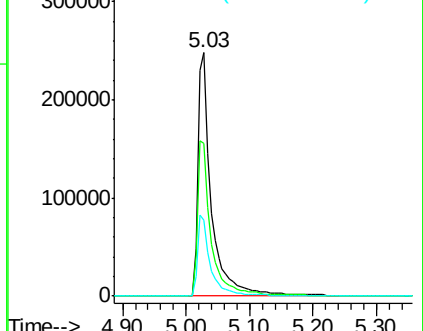
63 31.3 23.4 35.0

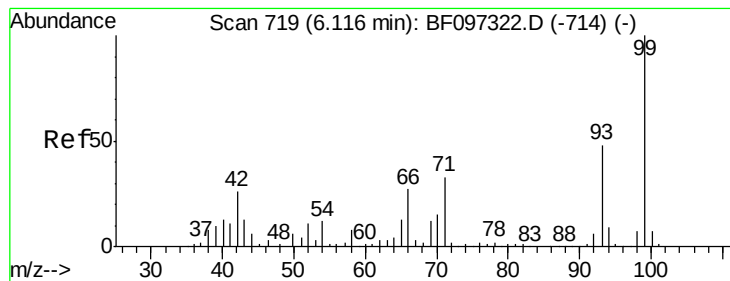


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 82.06 ng

RT: 6.09 min Scan# 732

Delta R.T. -0.08 min

Lab File: BF097423.D

Acq: 6 Aug 2017 6:35

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-294

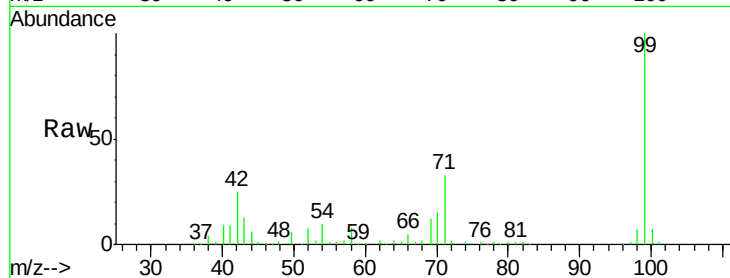
Tgt Ion: 99 Resp: 548773

Ion Ratio Lower Upper

99 100

42 25.4 13.5 20.3#

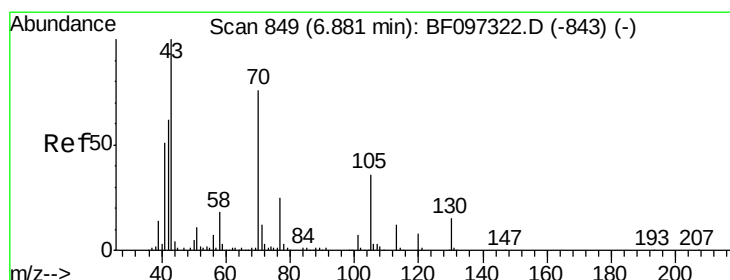
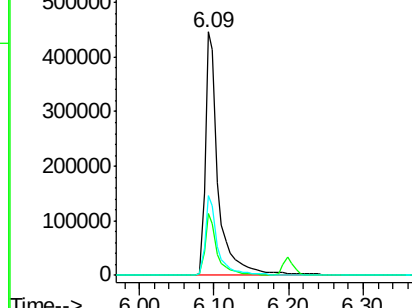
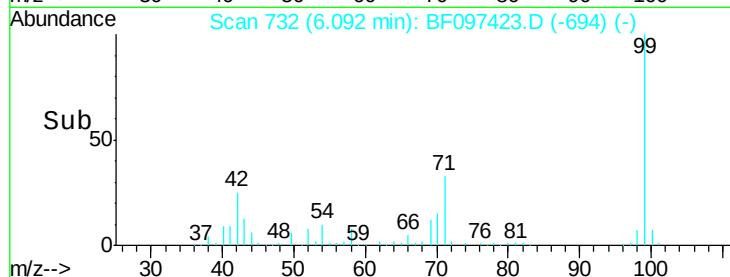
71 32.6 24.5 36.7



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: 11.20 ng

RT: 7.00 min Scan# 886

Delta R.T. 0.06 min

Lab File: BF097423.D

Acq: 6 Aug 2017 6:35

Tgt Ion: 70 Resp: 49315

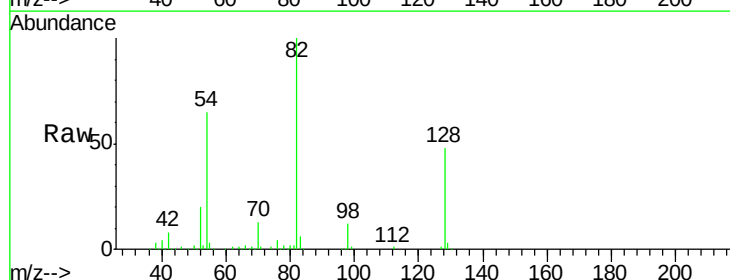
Ion Ratio Lower Upper

70 100

42 57.3 47.2 70.8

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

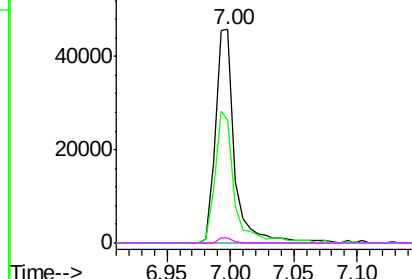
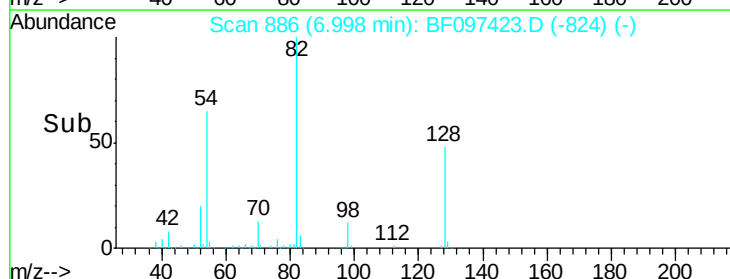


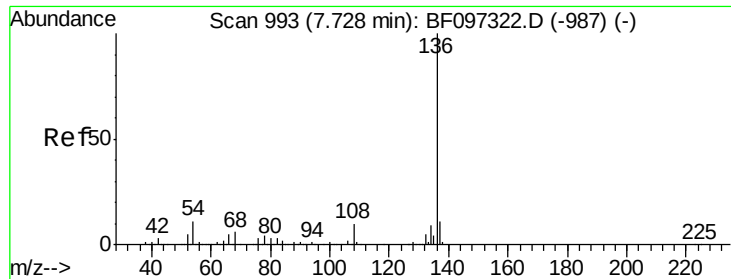
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

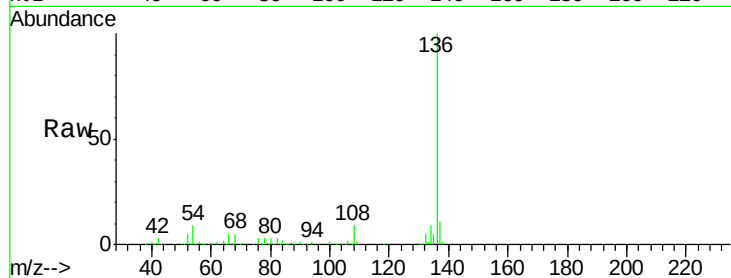




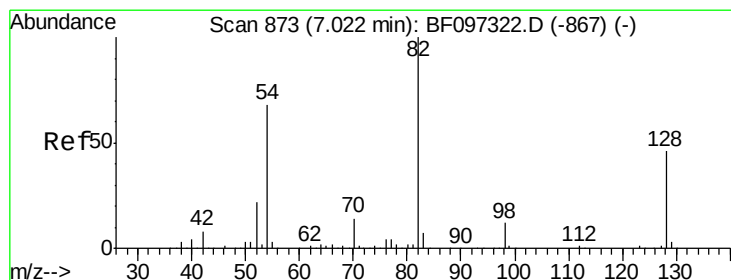
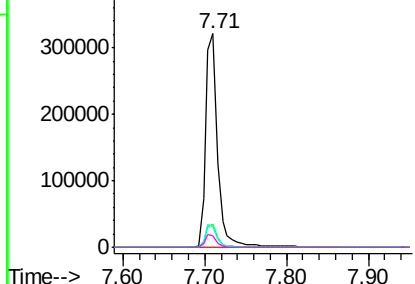
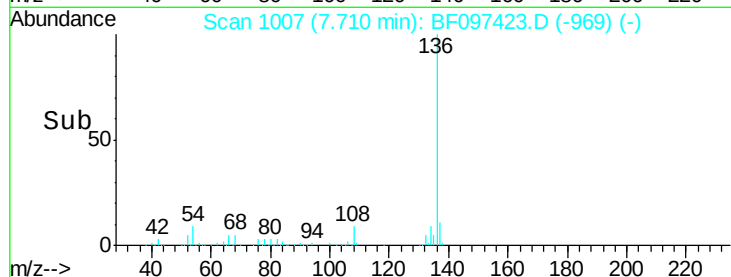
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.71 min Scan# 1007
Delta R.T. -0.08 min
Lab File: BF097423.D
Acq: 6 Aug 2017 6:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-294

Tgt Ion:	136	Resp:	328089
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	9.4	4.9	7.3#
68	5.3	4.1	6.1

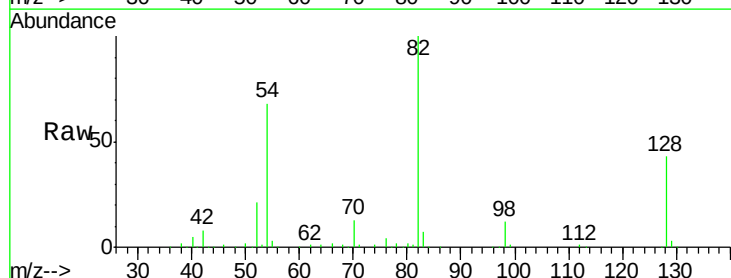


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

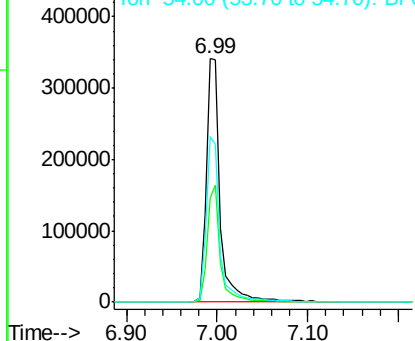
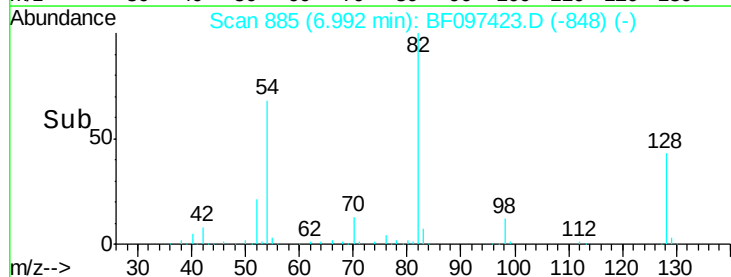


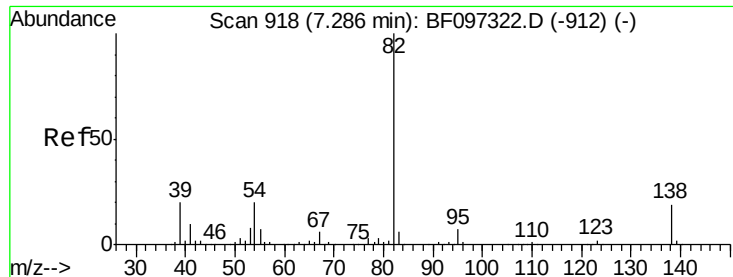
#23
Nitrobenzene-d5
Concen: 66.58 ng
RT: 6.99 min Scan# 885
Delta R.T. -0.08 min
Lab File: BF097423.D
Acq: 6 Aug 2017 6:35

Tgt Ion:	82	Resp:	372348
Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.0	51.0
54	68.0	42.2	63.2#



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





#25

Isophorone

Concen: 33.28 ng

RT: 6.99 min Scan# 885

Delta R.T. -0.35 min

Lab File: BF097423.D

Acq: 6 Aug 2017 6:35

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-294

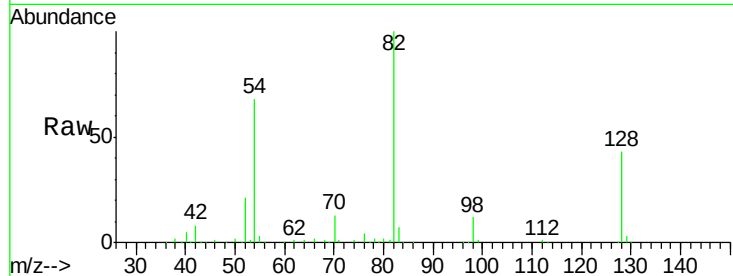
Tgt Ion: 82 Resp: 364480

Ion Ratio Lower Upper

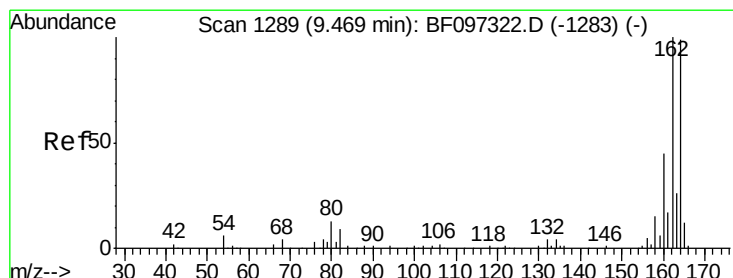
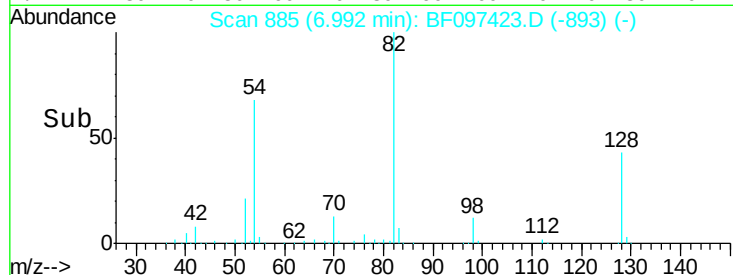
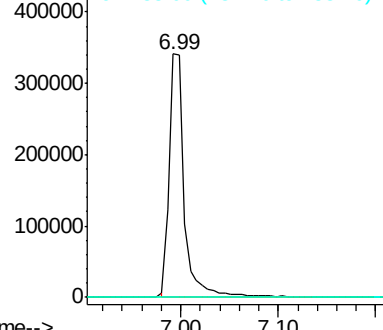
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.45 min Scan# 1303

Delta R.T. -0.08 min

Lab File: BF097423.D

Acq: 6 Aug 2017 6:35

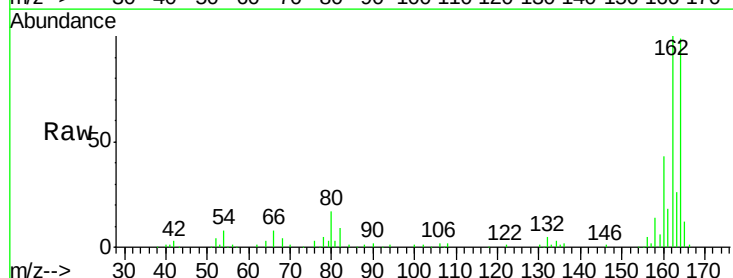
Tgt Ion: 164 Resp: 105086

Ion Ratio Lower Upper

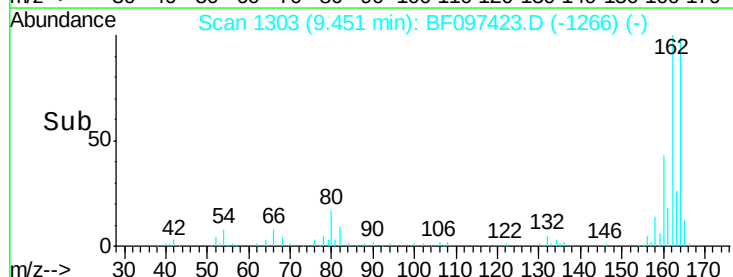
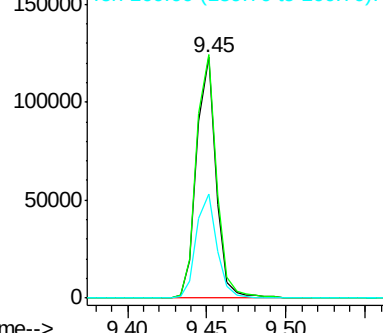
164 100

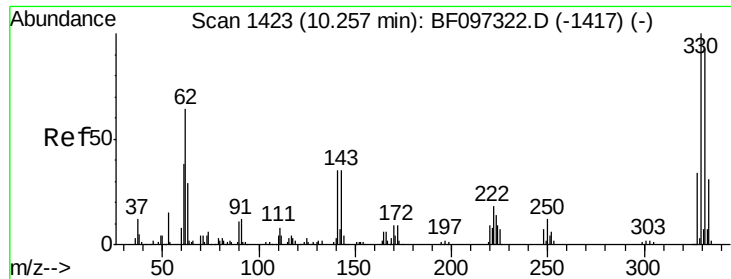
162 101.3 82.6 123.8

160 43.5 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

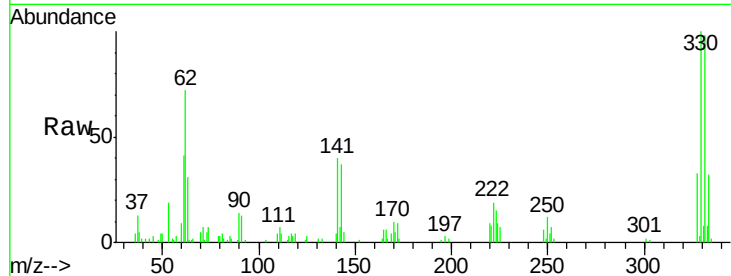




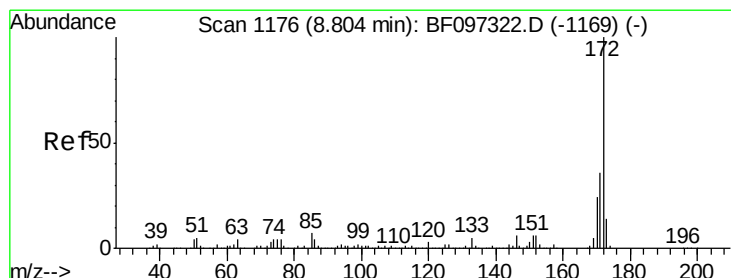
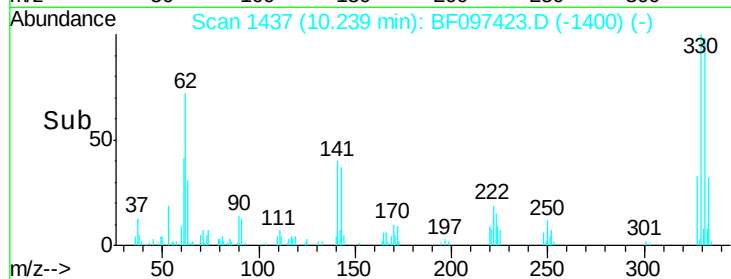
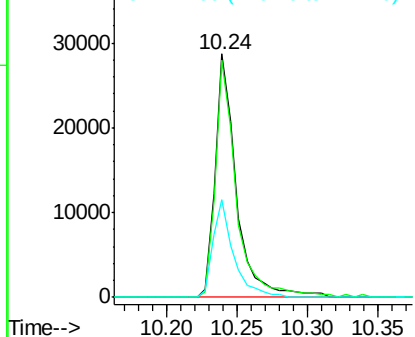
#41
 2,4,6-Tribromophenol
 Concen: 36.21 ng
 RT: 10.24 min Scan# 1437
 Delta R.T. -0.08 min
 Lab File: BF097423.D
 Acq: 6 Aug 2017 6:35

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-294

Tgt Ion:330 Resp: 30064
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 38.6 31.4 47.2

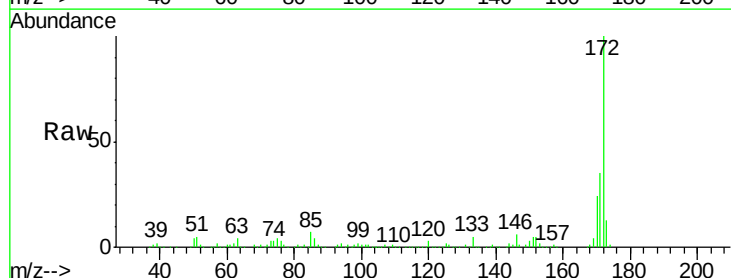


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

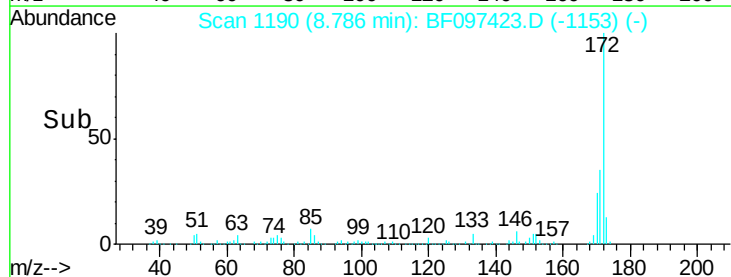
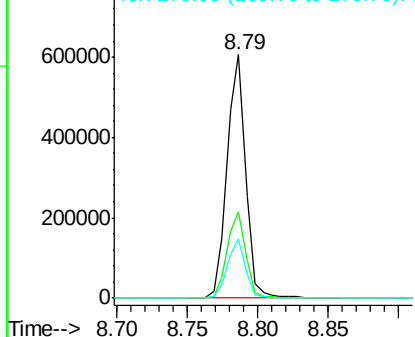


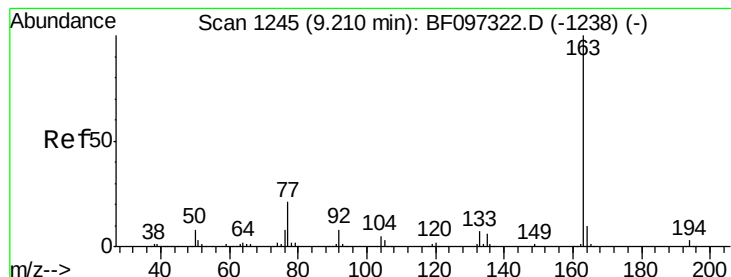
#44
 2-Fluorobiphenyl
 Concen: 89.32 ng
 RT: 8.79 min Scan# 1190
 Delta R.T. -0.08 min
 Lab File: BF097423.D
 Acq: 6 Aug 2017 6:35

Tgt Ion:172 Resp: 553108
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 24.4 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: 5.07 ng

RT: 9.19 min Scan# 1258

Delta R.T. -0.09 min

Lab File: BF097423.D

Acq: 6 Aug 2017 6:35

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-294

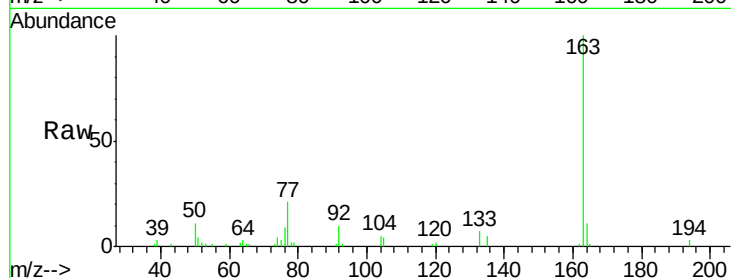
Tgt Ion:163 Resp: 40459

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

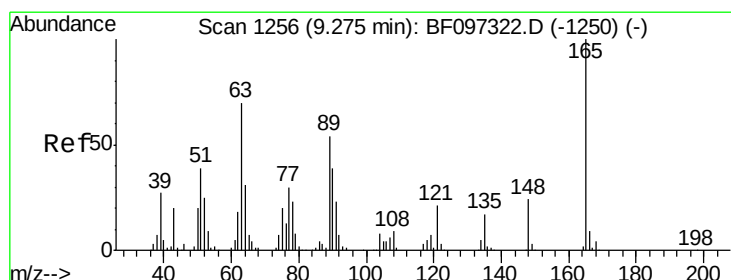
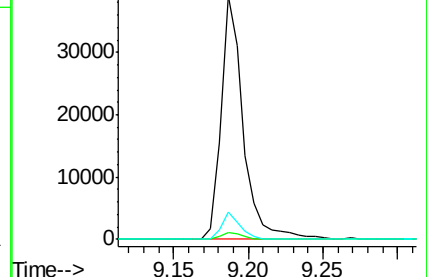
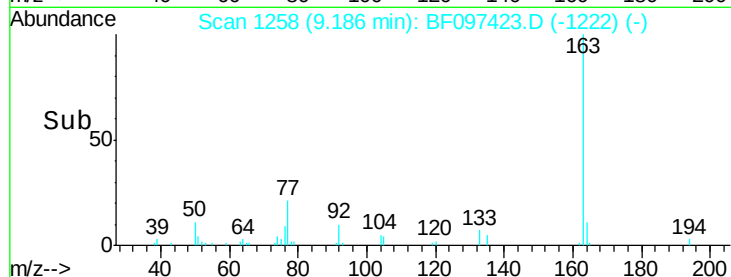
164 11.2 8.4 12.6



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: 7.54 ng

RT: 9.45 min Scan# 1303

Delta R.T. 0.12 min

Lab File: BF097423.D

Acq: 6 Aug 2017 6:35

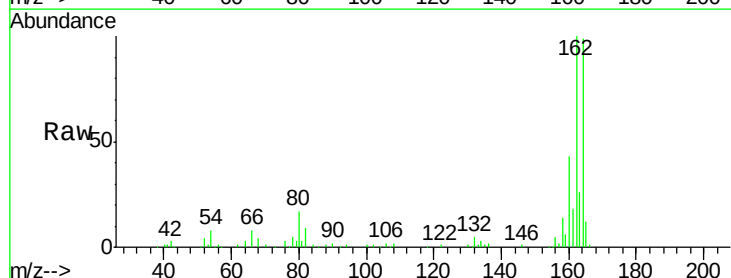
Tgt Ion:165 Resp: 12754

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

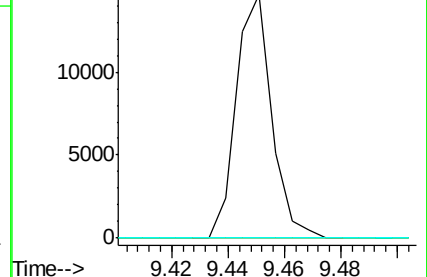
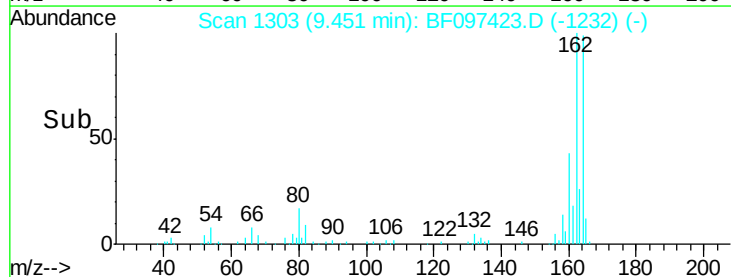
89 0.0 37.1 55.7#

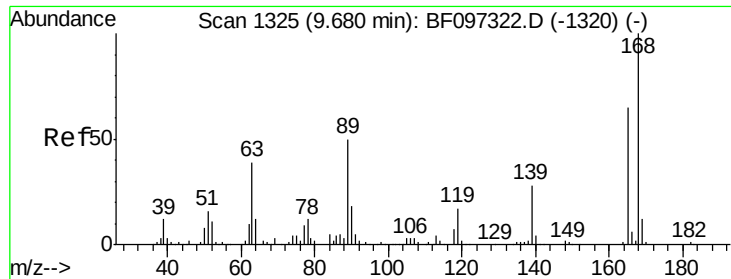


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

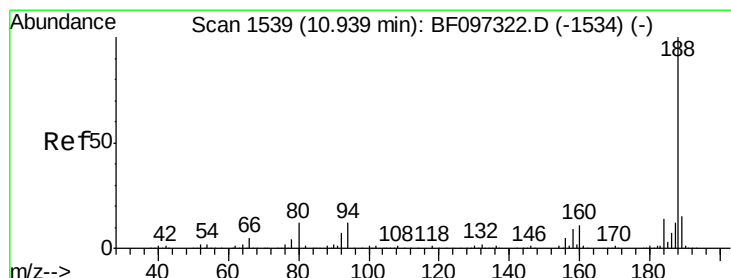
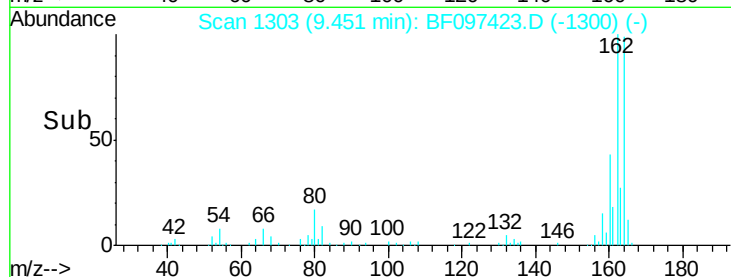
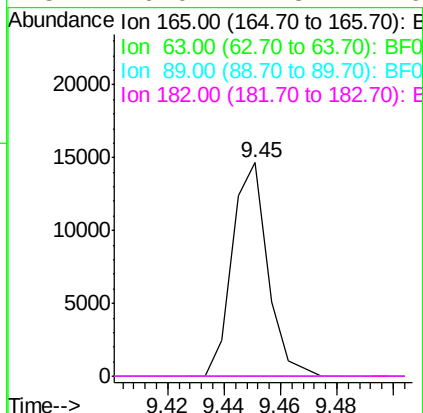
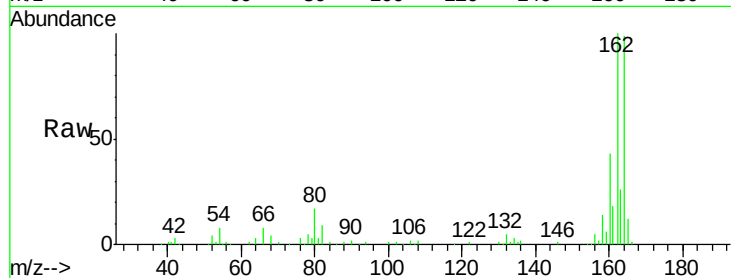




#56
 2,4-Dinitrotoluene
 Concen: 6.56 ng
 RT: 9.45 min Scan# 1303
 Delta R.T. -0.28 min
 Lab File: BF097423.D
 Acq: 6 Aug 2017 6:35

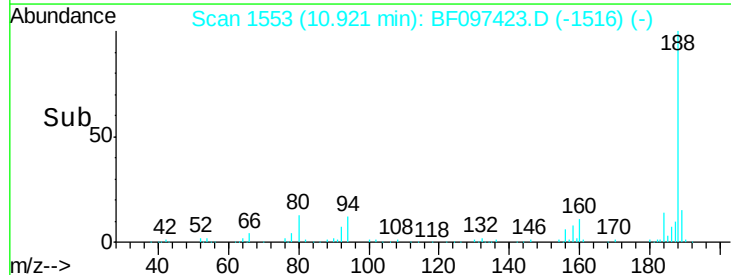
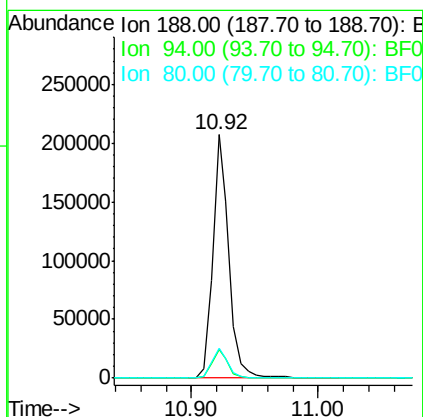
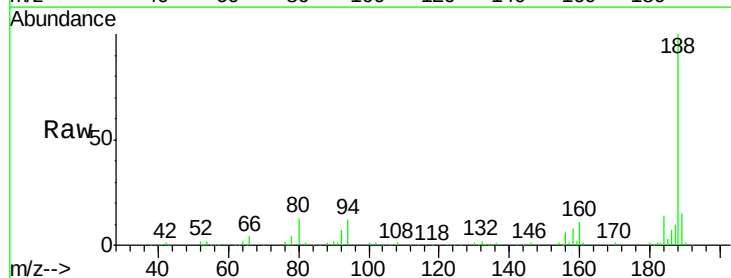
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-294

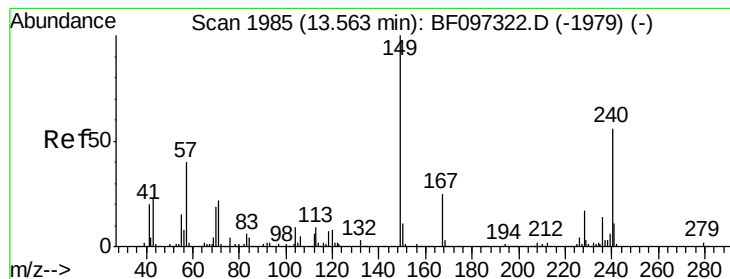
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.92 min Scan# 1553
 Delta R.T. -0.08 min
 Lab File: BF097423.D
 Acq: 6 Aug 2017 6:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	12.5	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.54 min Scan# 1999

Delta R.T. -0.08 min

Lab File: BF097423.D

Acq: 6 Aug 2017 6:35

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-294

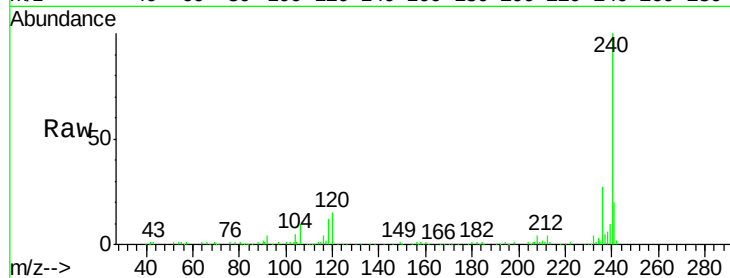
Tgt Ion:240 Resp: 168070

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

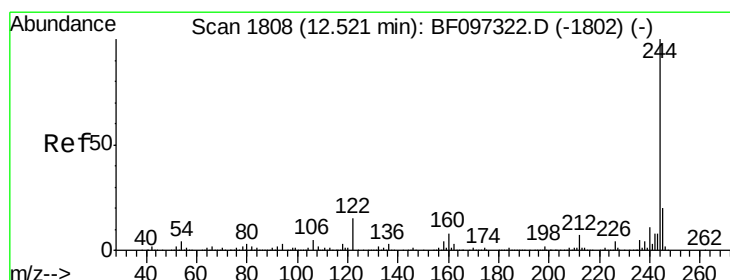
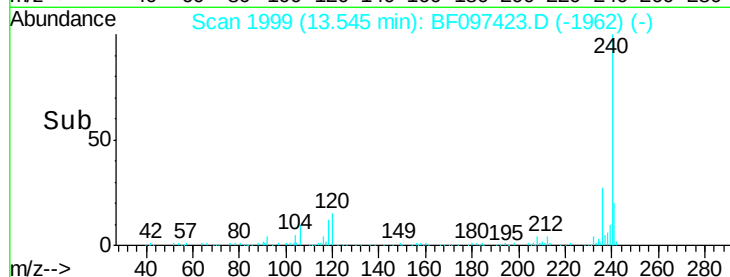
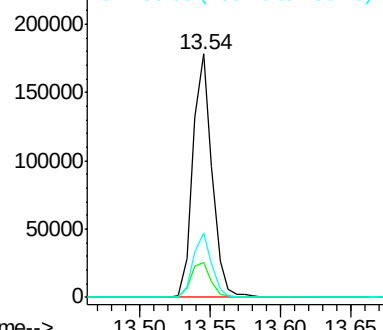
236 26.7 20.5 30.7



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: 52.25 ng

RT: 12.50 min Scan# 1822

Delta R.T. -0.08 min

Lab File: BF097423.D

Acq: 6 Aug 2017 6:35

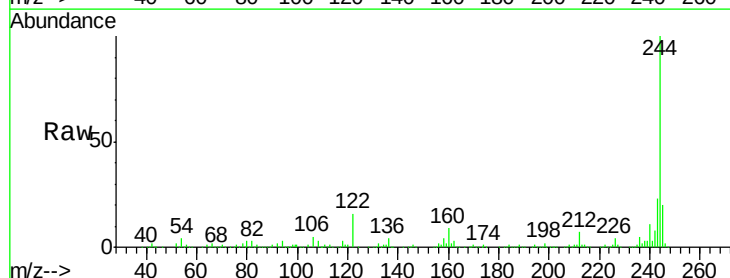
Tgt Ion:244 Resp: 430706

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

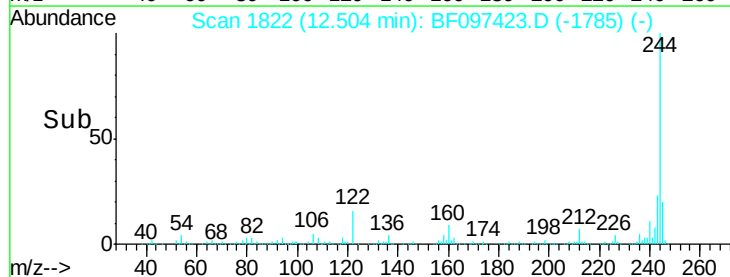
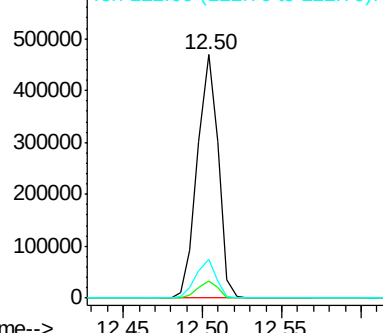
122 15.7 10.3 15.5#

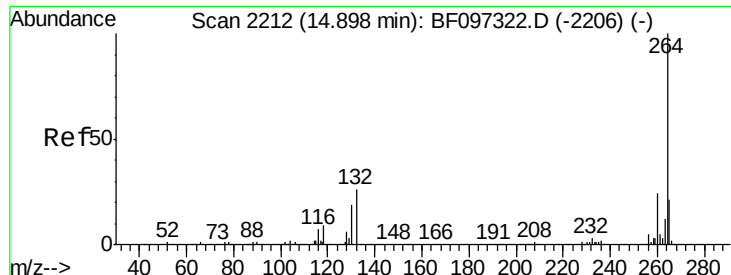


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

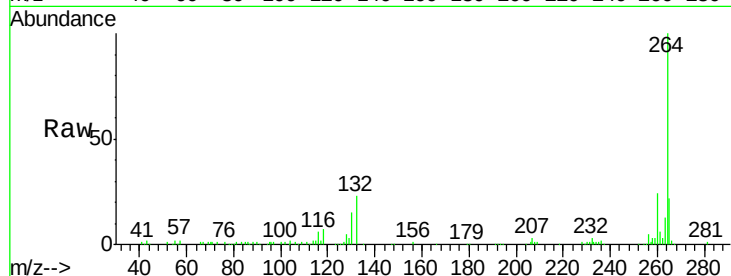




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 2227
Delta R.T. -0.09 min
Lab File: BF097423.D
Acq: 6 Aug 2017 6:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-294

Tgt Ion: 264 Resp: 104733
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.8 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

