

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098392.D
 Acq On : 9 Sep 2017 18:11
 Operator : SJ/JU
 Sample : I5071-03 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 04:14:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

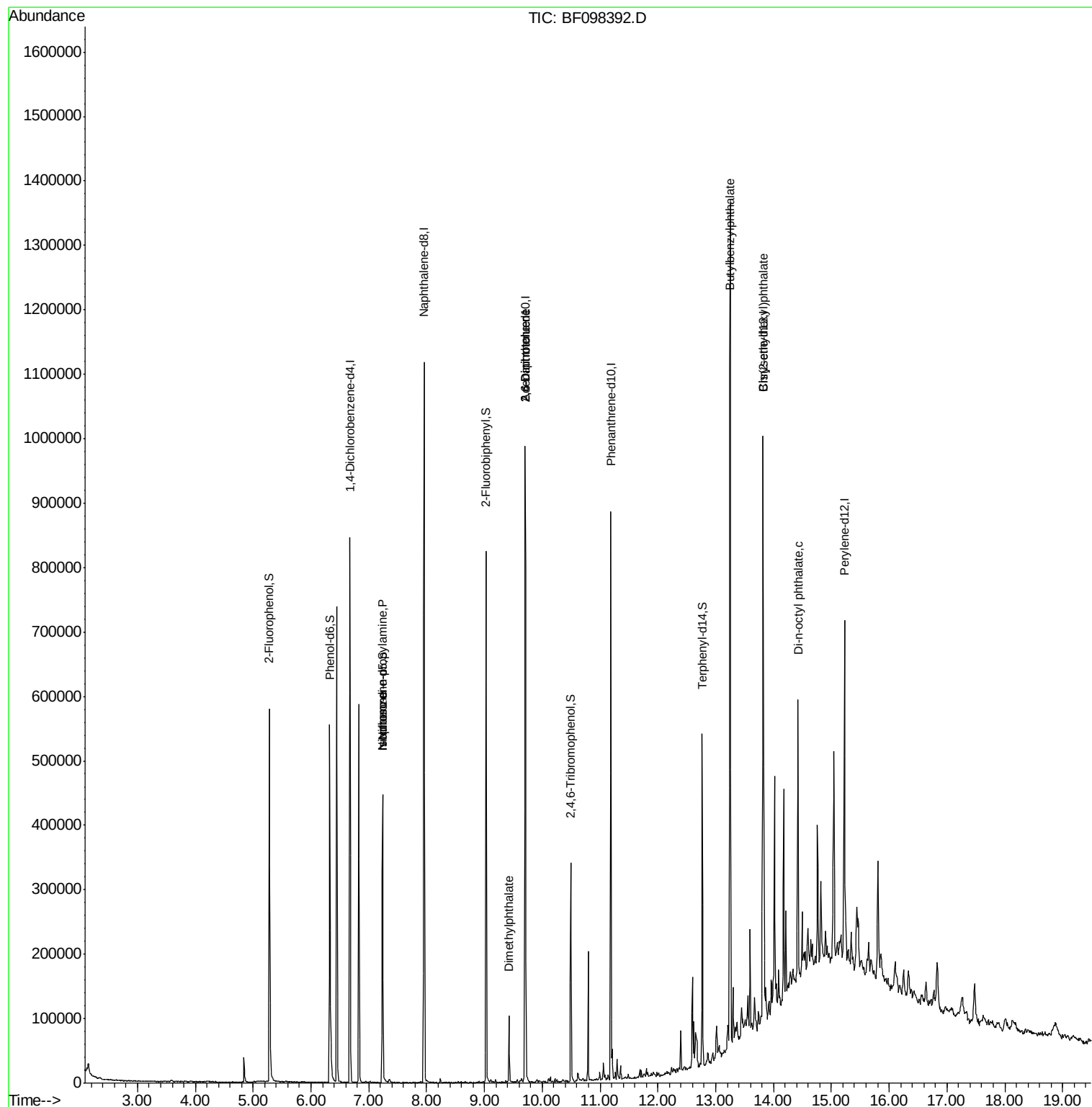
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	118267	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	452425	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	185321	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	294443	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	244283	20.00	ng	-0.04
86) Perylene-d12	15.23	264	220166	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	182031	23.41	ng	-0.02
7) Phenol-d6	6.32	99	246466	23.33	ng	-0.03
23) Nitrobenzene-d5	7.24	82	147430	17.70	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	33538	20.86	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	237972	18.87	ng	-0.04
78) Terphenyl-d14	12.77	244	139083	11.87	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	18977	2.624	ng	# 71
25) Isophorone	7.24	82	147428	8.513	ng	# 67
49) Dimethylphthalate	9.43	163	34362	2.537	ng	# 98
50) 2,6-Dinitrotoluene	9.70	165	23606	8.730	ng	# 32
56) 2,4-Dinitrotoluene	9.70	165	23606	6.956	ng	# 32
79) Butylbenzylphthalate	13.25	149	290990	37.987	ng	# 79
83) Bis(2-ethylhexyl)phthalate	13.82	149	133415	15.717	ng	# 57
84) Di-n-octyl phthalate	14.42	149	198656	13.451	ng	# 98

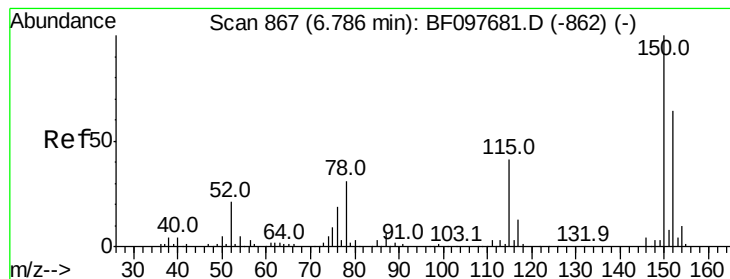
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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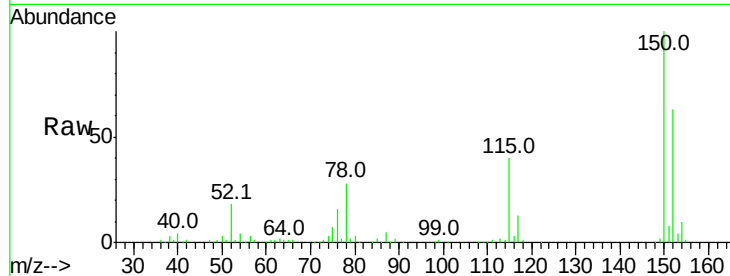


#1

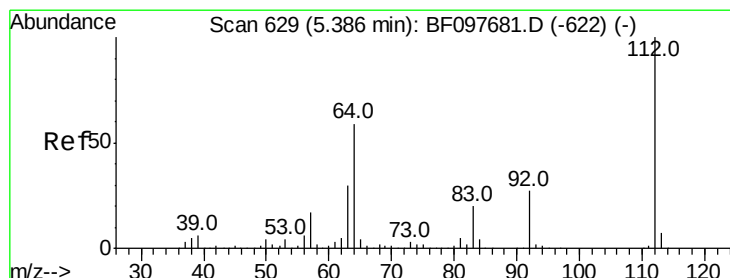
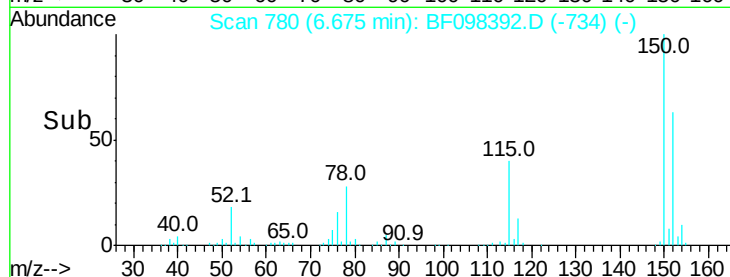
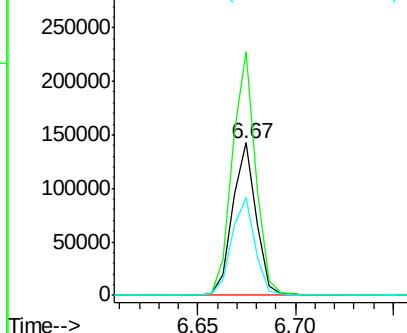
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098392.D
Acq: 9 Sep 2017 18:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118267
Ion Ratio Lower Upper
152 100
150 159.8 126.2 189.2
115 64.3 52.2 78.2



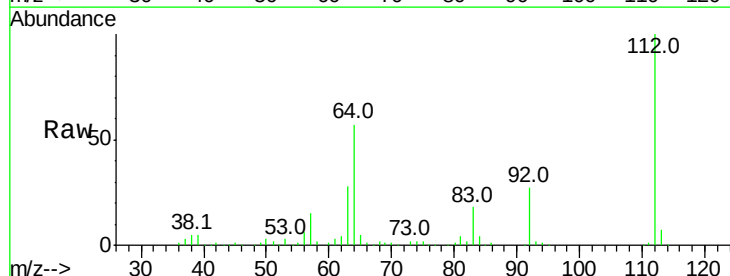
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



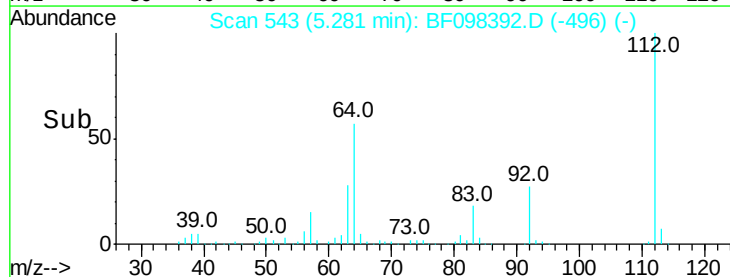
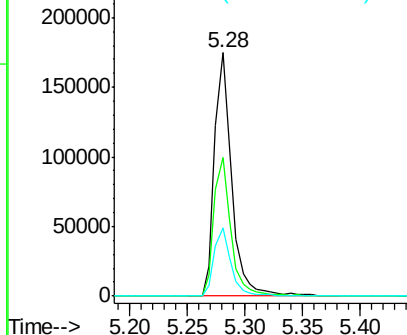
#5

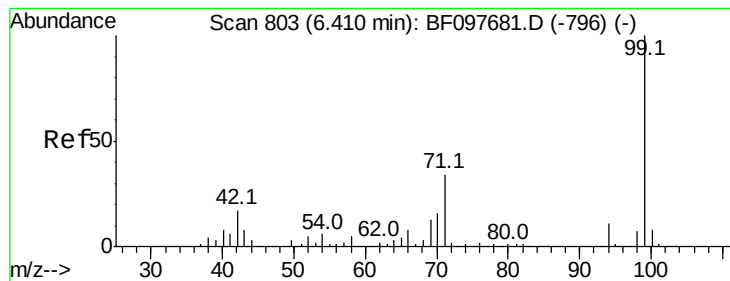
2-Fluorophenol
Concen: 23.412 ng
RT: 5.28 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF098392.D
Acq: 9 Sep 2017 18:11

Tgt Ion:112 Resp: 182031
Ion Ratio Lower Upper
112 100
64 56.7 46.0 69.0
63 28.0 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: 23.330 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF098392.D

Acq: 9 Sep 2017 18:11

Instrument :

BNA_F

ClientSampled :

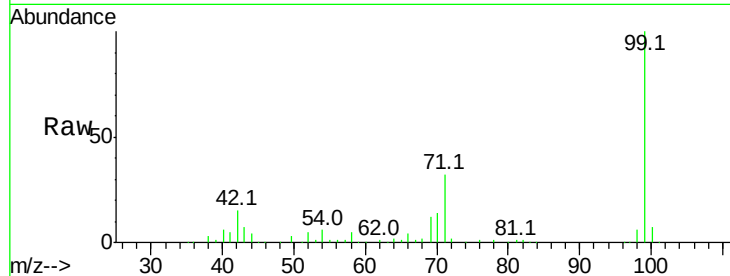
Tot Ion: 99 Resp: 246466

Ion Ratio Lower Upper

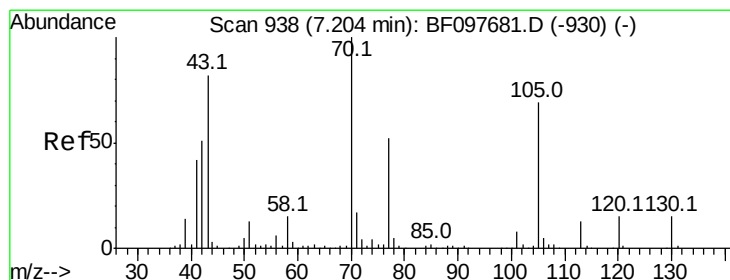
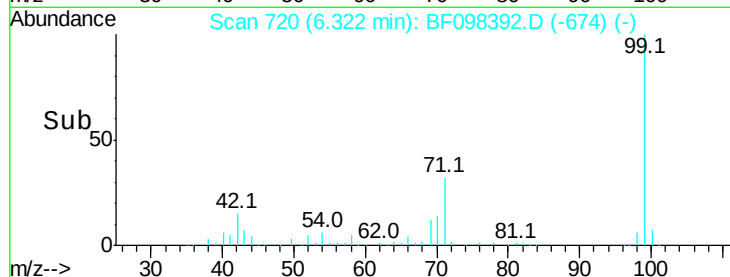
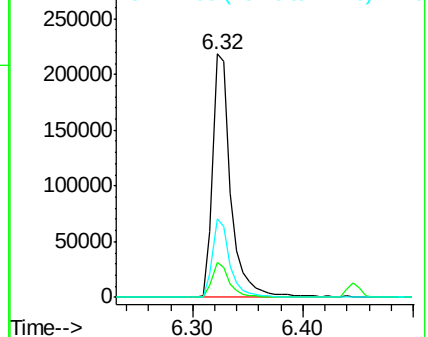
99 100

42 14.6 13.5 20.3

71 32.0 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: 2.624 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.11 min

Lab File: BF098392.D

Acq: 9 Sep 2017 18:11

Tgt Ion: 70 Resp: 18977

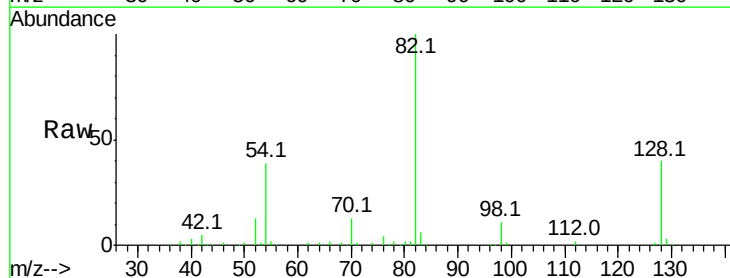
Ion Ratio Lower Upper

70 100

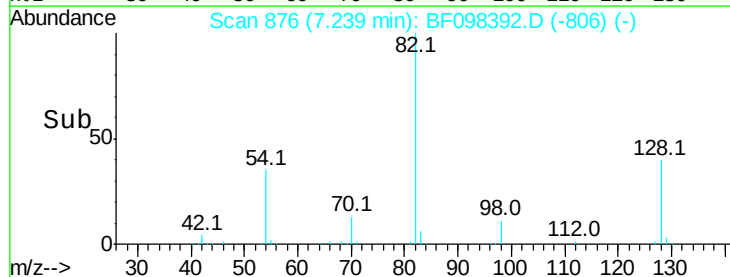
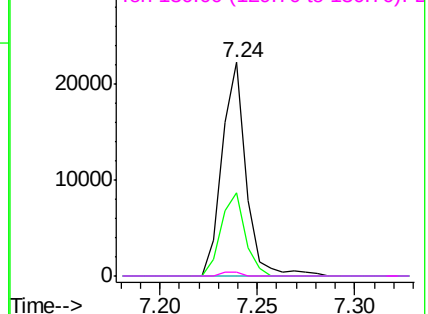
42 39.1 47.2 70.8#

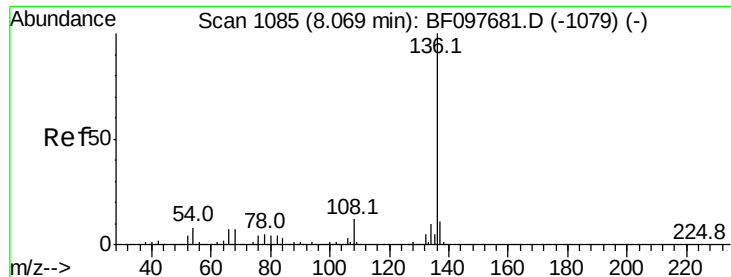
101 0.0 7.2 10.8#

130 2.1 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

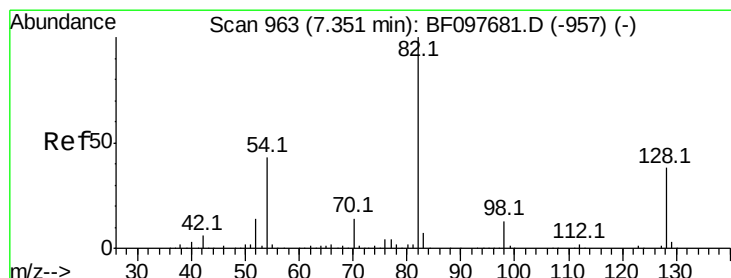
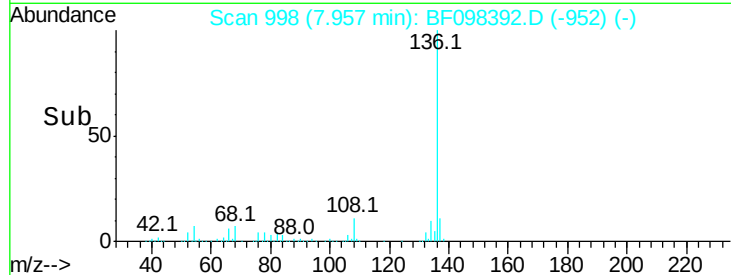
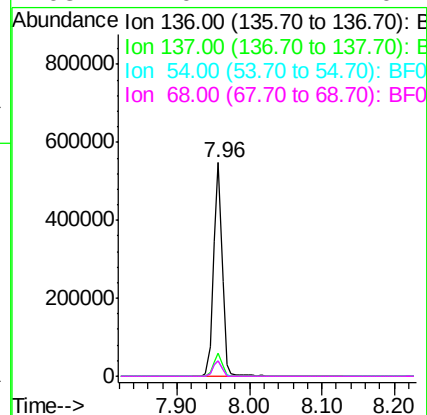
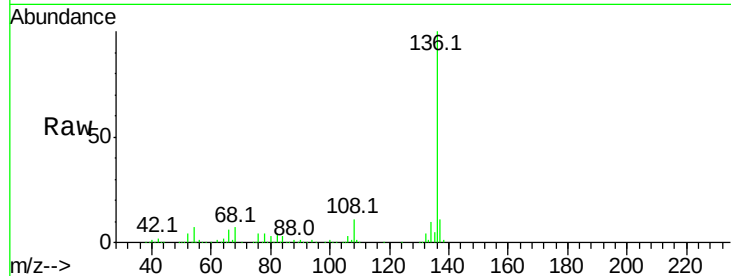




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.03 min
Lab File: BF098392.D
Acq: 9 Sep 2017 18:11

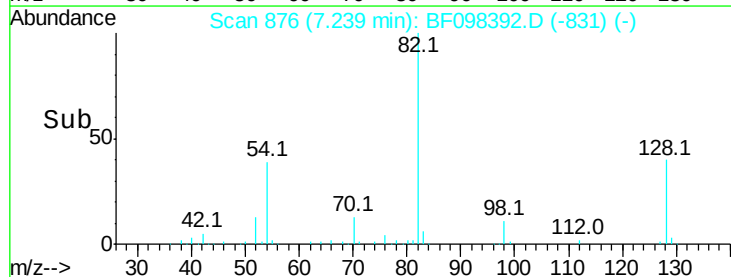
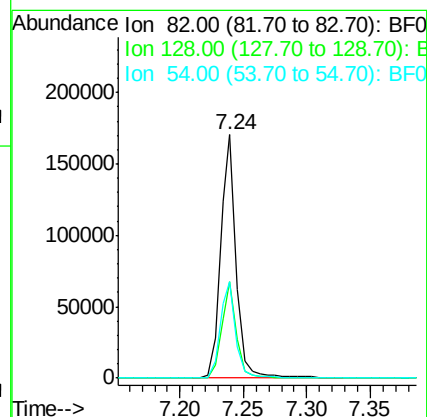
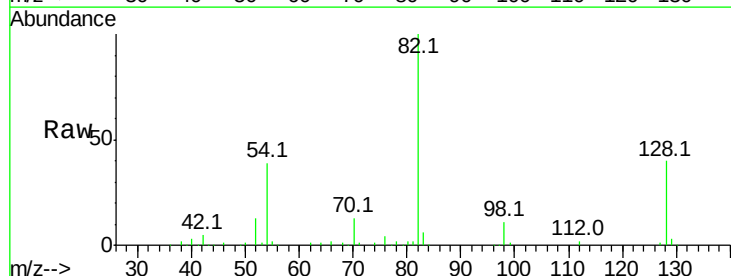
Instrument :
BNA_F
ClientSampleId :

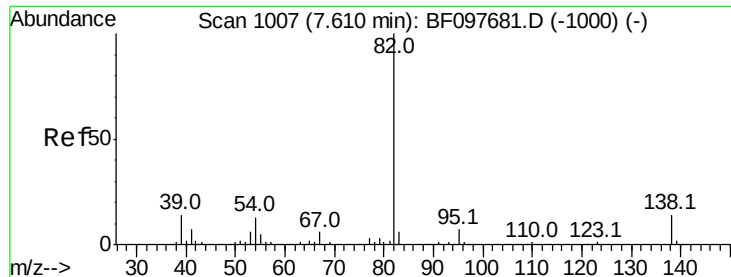
Tot Ion:	136	Resp:	452425
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.2	4.9	7.3
68	7.0	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 17.703 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.04 min
Lab File: BF098392.D
Acq: 9 Sep 2017 18:11

Tgt Ion:	82	Resp:	147430
Ion	Ratio	Lower	Upper
82	100		
128	39.7	34.0	51.0
54	39.4	42.2	63.2#





#25

Isophorone

Concen: 8.513 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.29 min

Lab File: BF098392.D

Acq: 9 Sep 2017 18:11

Instrument :

BNA_F

ClientSampled :

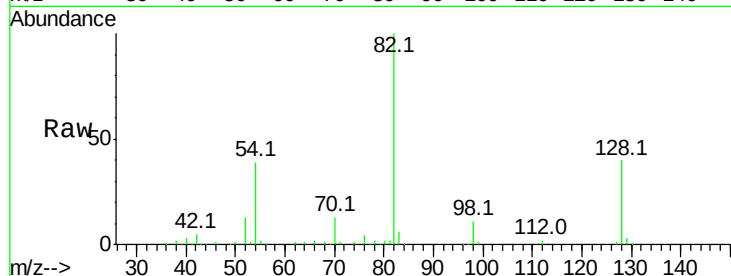
Tot Ion: 82 Resp: 147428

Ion Ratio Lower Upper

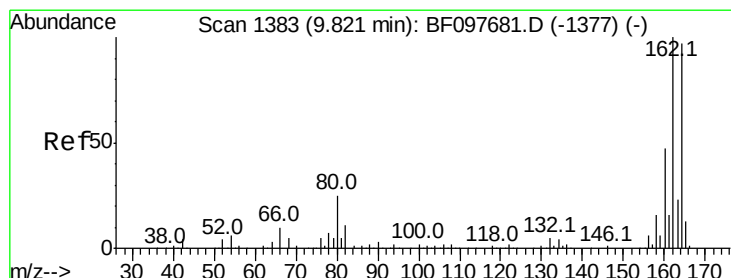
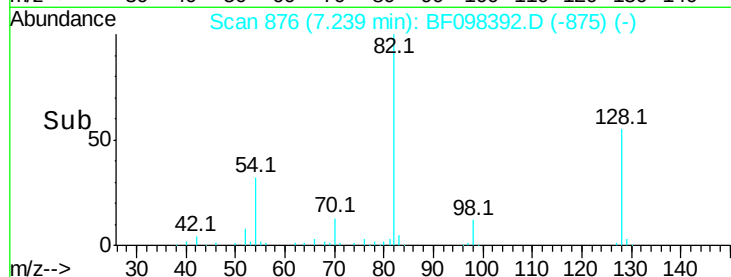
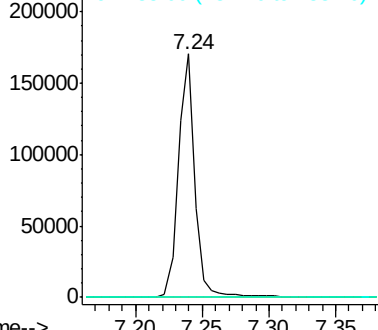
82 100

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: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.04 min

Lab File: BF098392.D

Acq: 9 Sep 2017 18:11

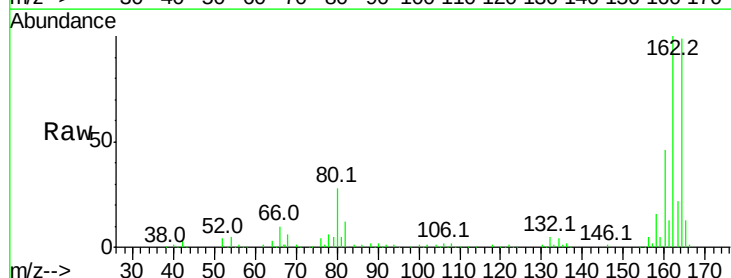
Tgt Ion: 164 Resp: 185321

Ion Ratio Lower Upper

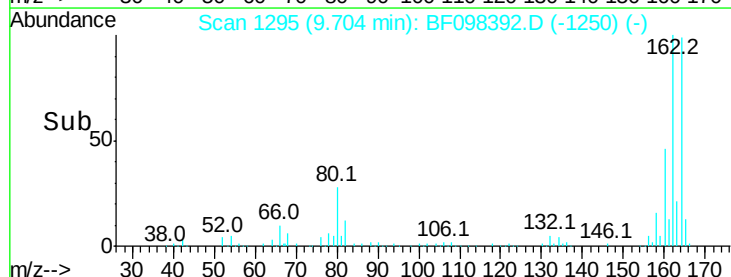
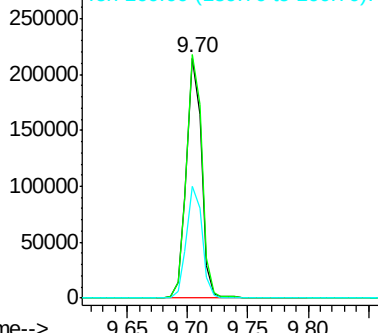
164 100

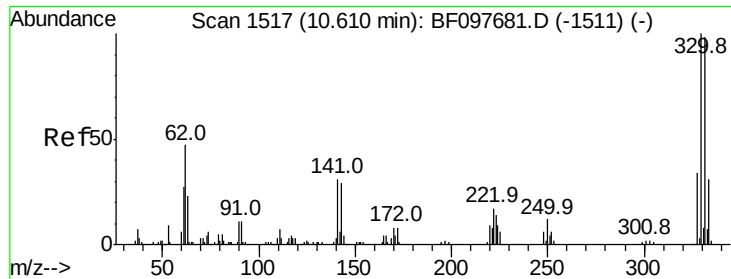
162 101.3 82.6 123.8

160 46.5 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

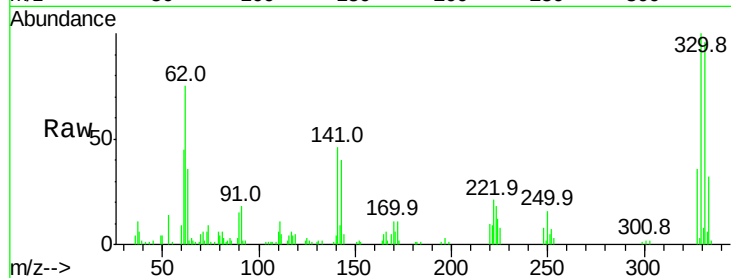




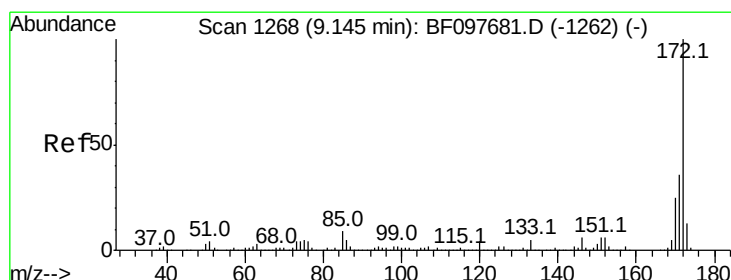
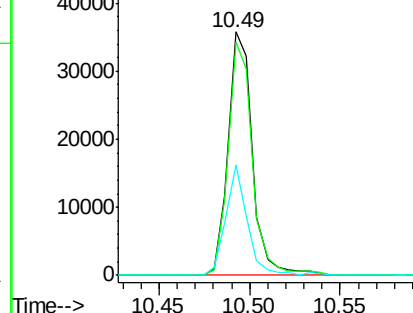
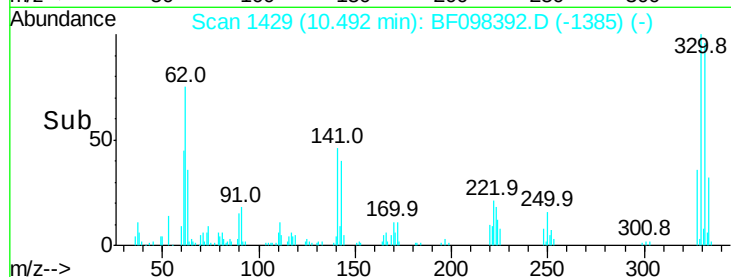
#41
 2,4,6-Tribromophenol
 Concen: 20.857 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.04 min
 Lab File: BF098392.D
 Acq: 9 Sep 2017 18:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 33538
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 39.5 31.4 47.2

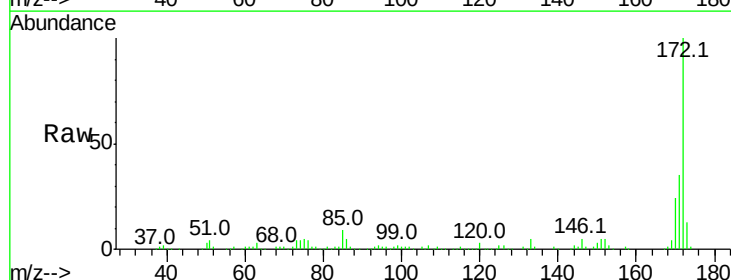


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

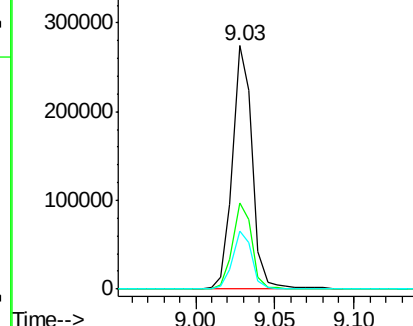
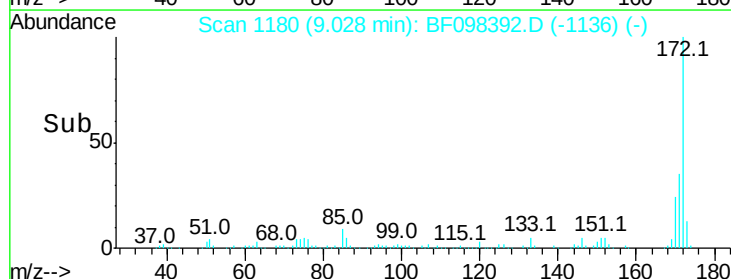


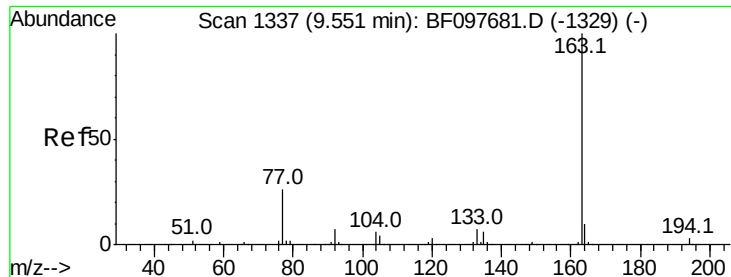
#44
 2-Fluorobiphenyl
 Concen: 18.866 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF098392.D
 Acq: 9 Sep 2017 18:11

Tgt Ion:172 Resp: 237972
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.8 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: 2.537 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.05 min

Lab File: BF098392.D

Acq: 9 Sep 2017 18:11

Instrument :

BNA_F

ClientSampleId :

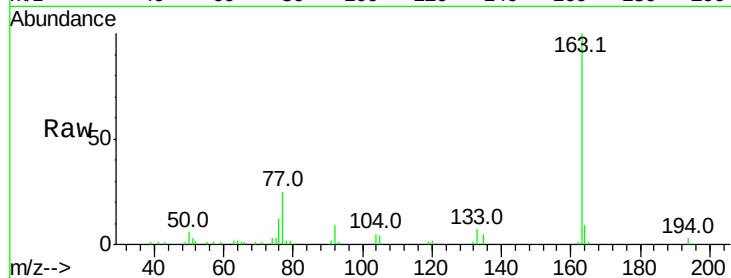
Tot Ion:163 Resp: 34362

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

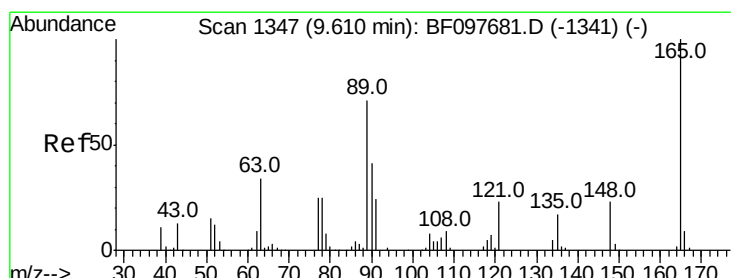
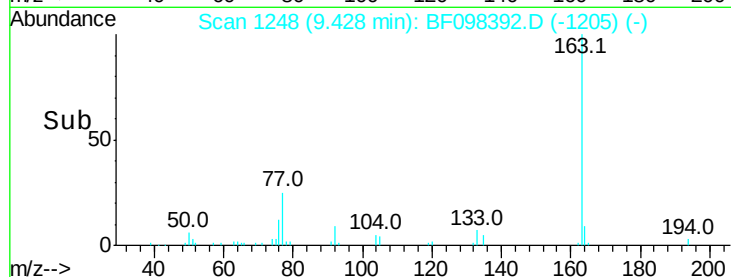
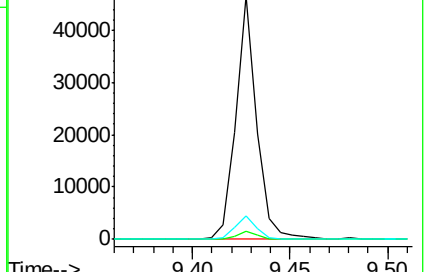
164 9.4 8.4 12.6



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: 8.730 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.16 min

Lab File: BF098392.D

Acq: 9 Sep 2017 18:11

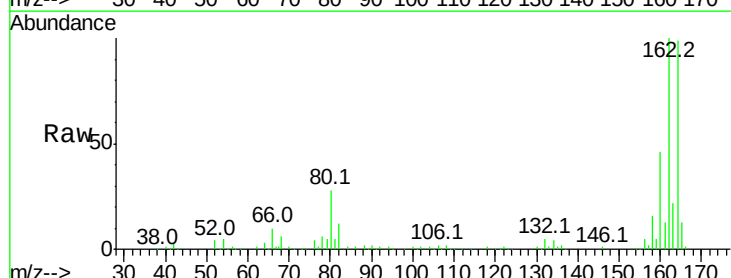
Tgt Ion:165 Resp: 23606

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

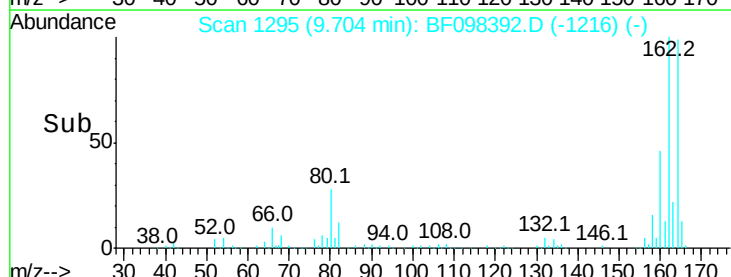
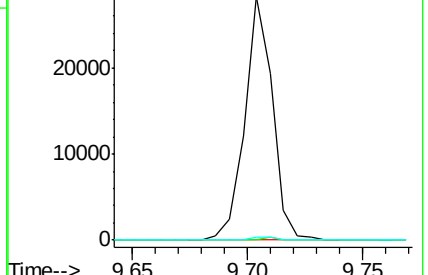
89 1.1 37.1 55.7#

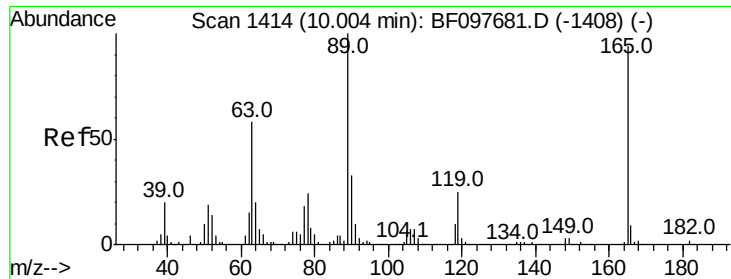


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

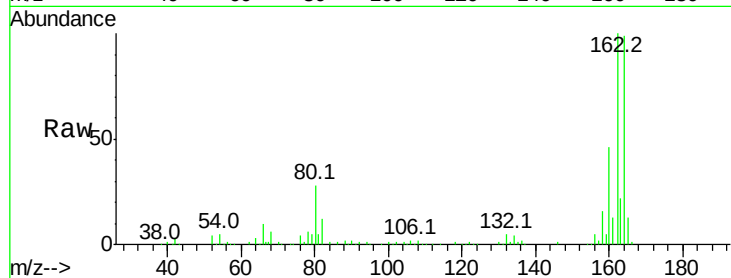




#56
 2,4-Dinitrotoluene
 Concen: 6.956 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.24 min
 Lab File: BF098392.D
 Acq: 9 Sep 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#

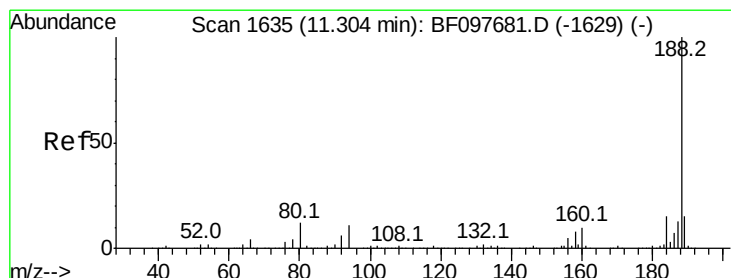
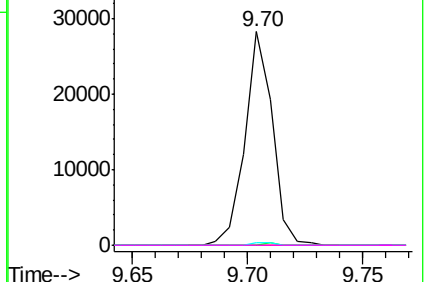
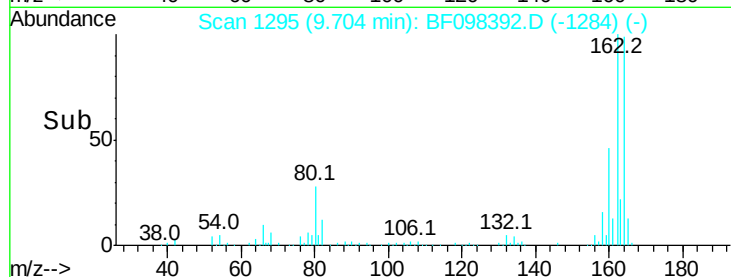


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

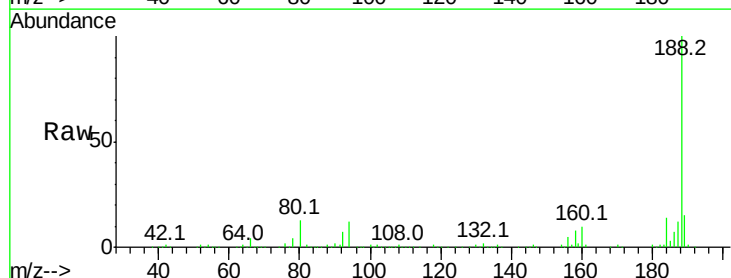
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.04 min
 Lab File: BF098392.D
 Acq: 9 Sep 2017 18:11

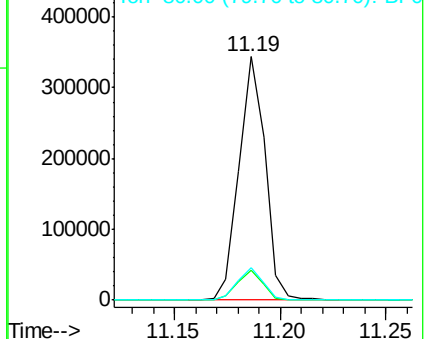
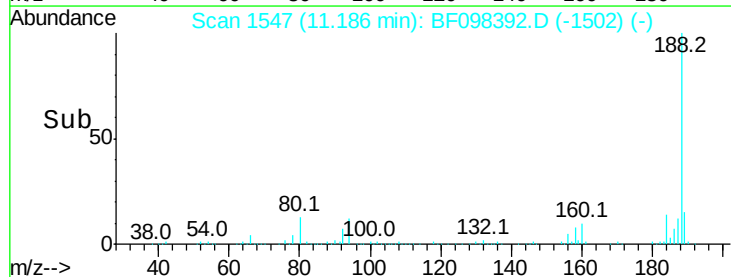
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.5	9.4	14.2
80	13.3	10.2	15.2

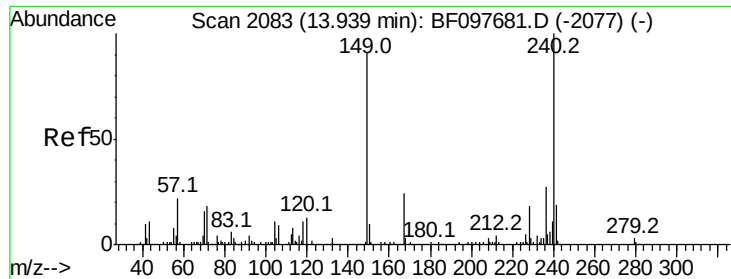


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.04 min

Lab File: BF098392.D

Acq: 9 Sep 2017 18:11

Instrument :

BNA_F

ClientSampleId :

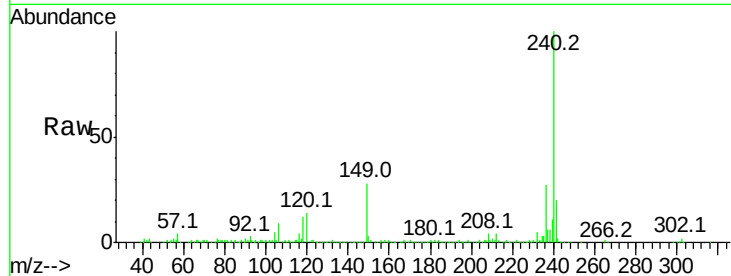
Tot Ion:240 Resp: 244283

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

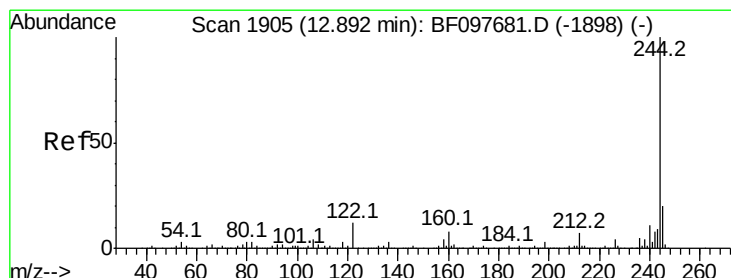
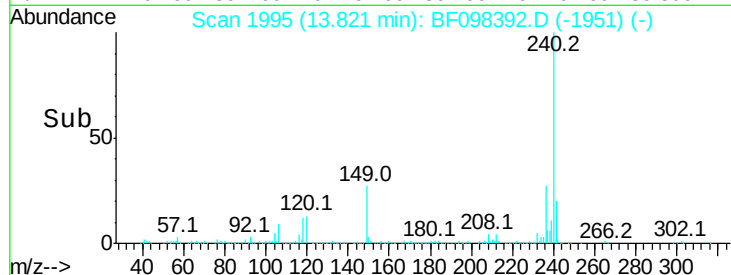
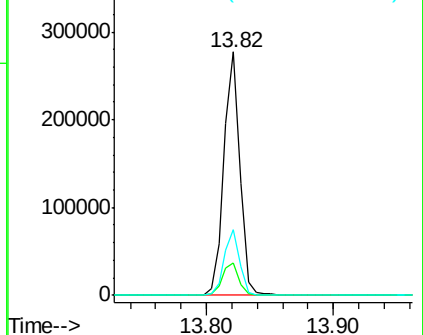
236 26.7 20.5 30.7



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: 11.873 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.04 min

Lab File: BF098392.D

Acq: 9 Sep 2017 18:11

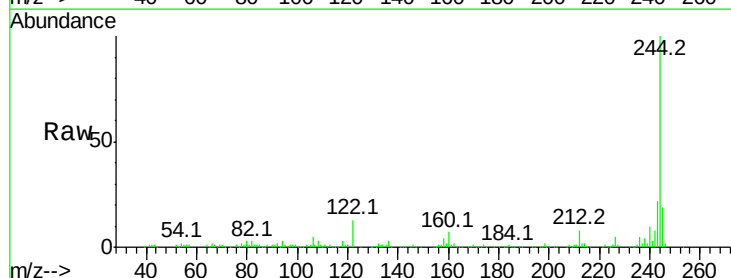
Tgt Ion:244 Resp: 139083

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

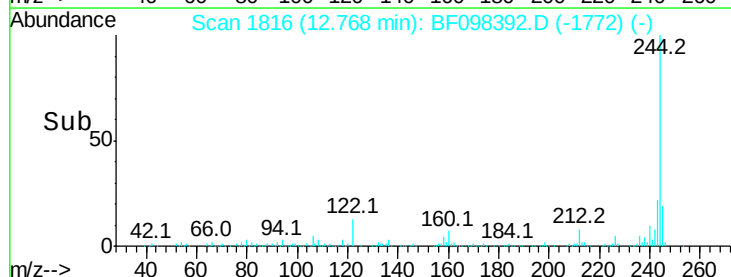
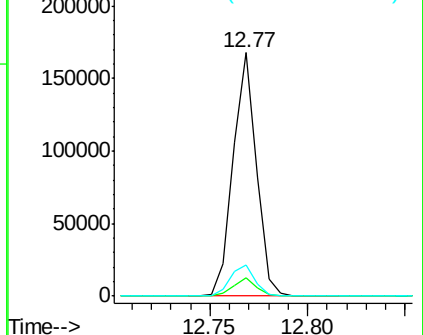
122 12.7 10.3 15.5

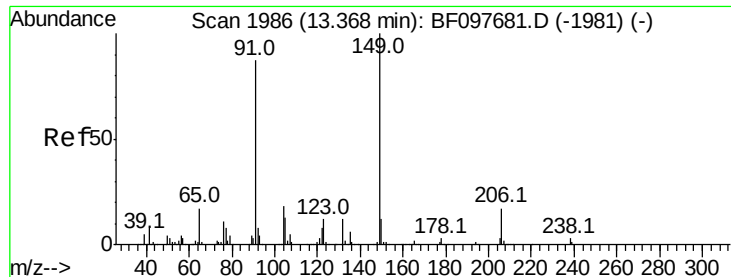


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.987 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.03 min

Lab File: BF098392.D

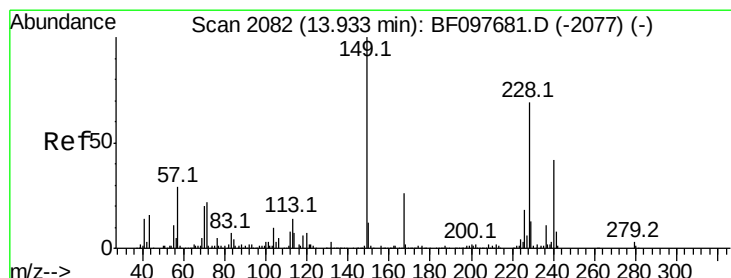
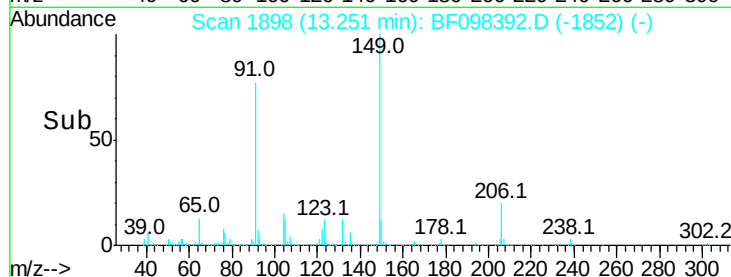
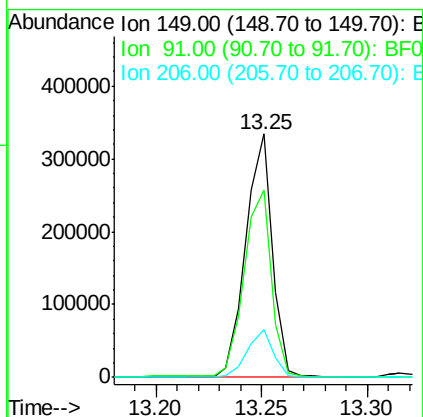
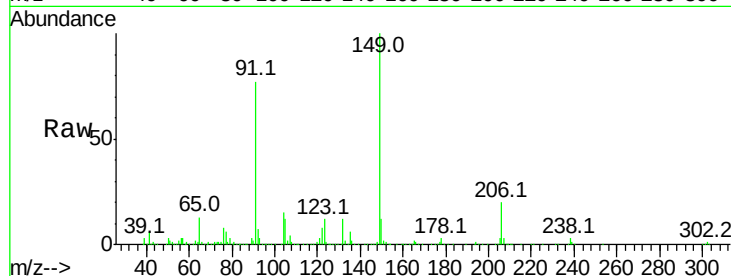
Acq: 9 Sep 2017 18:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp:	290990
Ion Ratio	Lower	Upper
149	100	
91	76.8	45.0 67.4#
206	19.6	17.0 25.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 15.717 ng

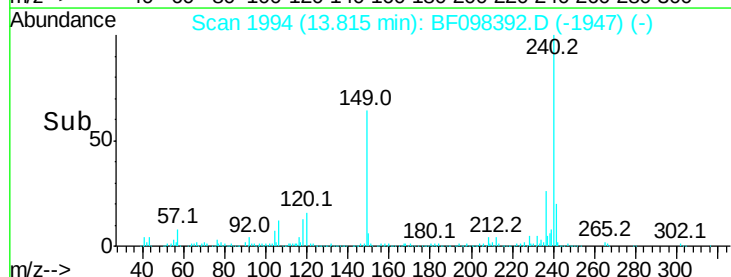
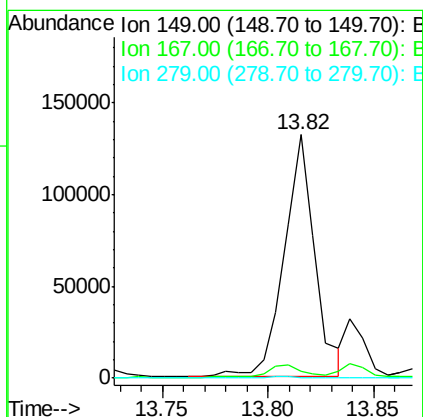
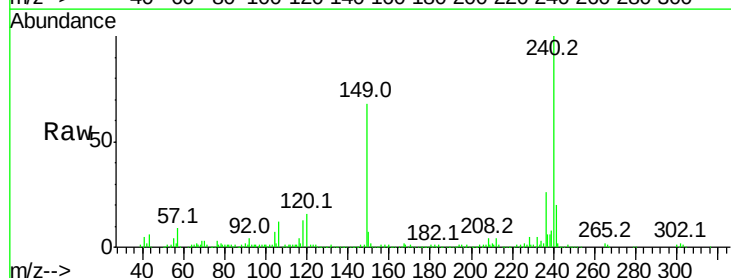
RT: 13.82 min Scan# 1994

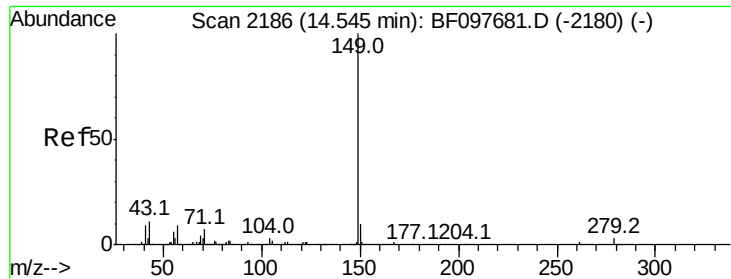
Delta R.T. -0.02 min

Lab File: BF098392.D

Acq: 9 Sep 2017 18:11

Tgt Ion:149	Resp:	133415
Ion Ratio	Lower	Upper
149	100	
167	2.6	21.0 31.4#
279	0.2	1.9 2.9#

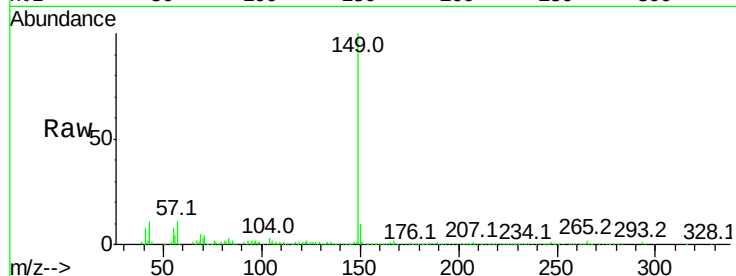




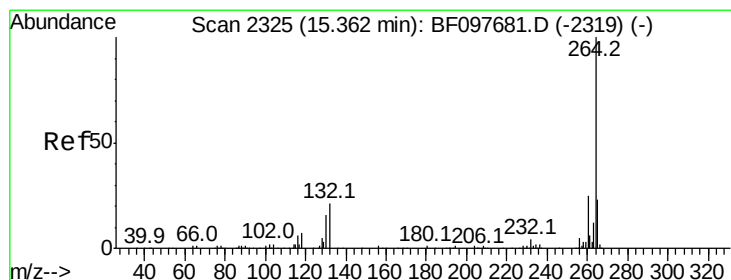
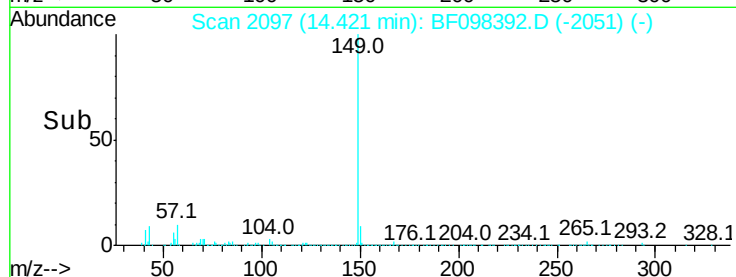
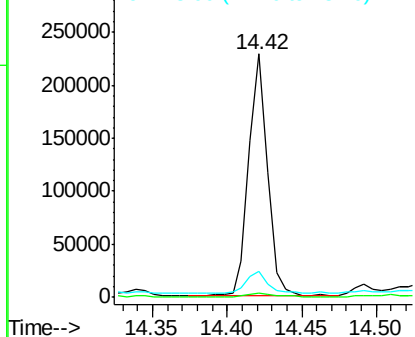
#84
Di-n-octyl phthalate
Concen: 13.451 ng
RT: 14.42 min Scan# 2097
Delta R.T. -0.03 min
Lab File: BF098392.D
Acq: 9 Sep 2017 18:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	2.5	1.2	1.8#
43	10.0	8.5	12.7

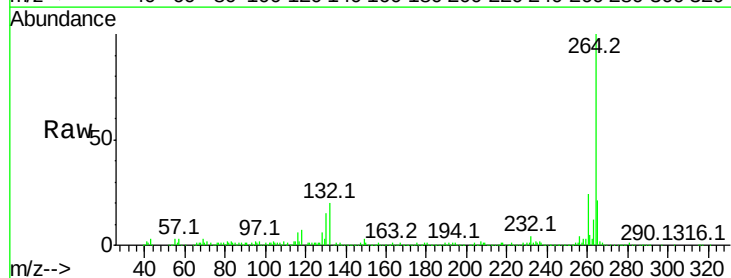


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF098392.D
Acq: 9 Sep 2017 18:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.9	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

