

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098445.D
 Acq On : 12 Sep 2017 11:35
 Operator : SJ/JU
 Sample : I5135-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 12:22:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

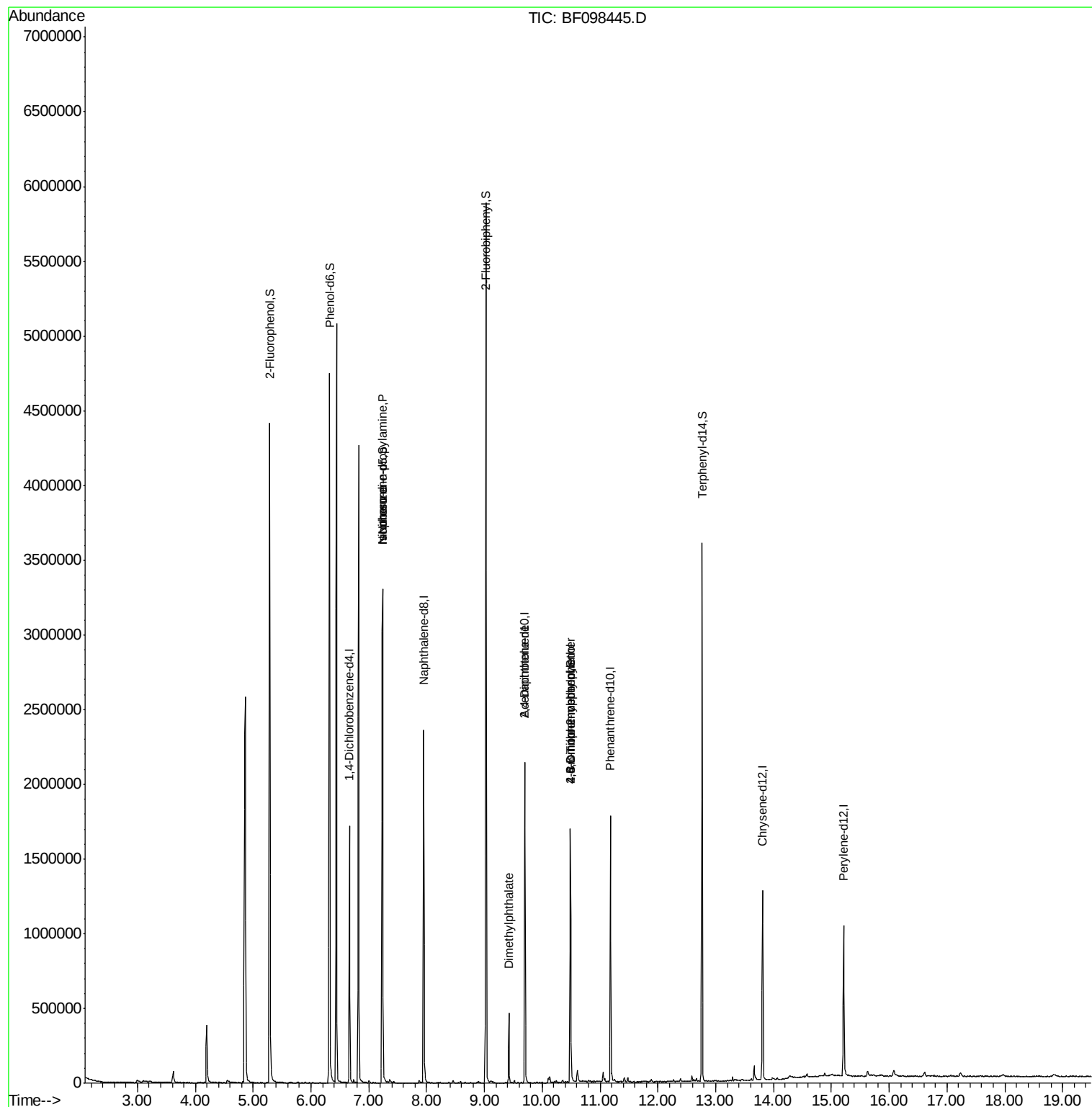
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	237781	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	958537	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	390555	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	570151	20.00	ng	0.00
75) Chrysene-d12	13.81	240	408144	20.00	ng	0.00
86) Perylene-d12	15.22	264	401849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1250880	77.78	ng	0.01
7) Phenol-d6	6.32	99	1724453	84.45	ng	0.00
23) Nitrobenzene-d5	7.24	82	1138213	66.20	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	150215	57.63	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1814368	78.74	ng	0.00
78) Terphenyl-d14	12.76	244	1067489	56.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	154239	12.009	ng	# 76
25) Isophorone	7.24	82	1119184	32.172	ng	# 67
49) Dimethylphthalate	9.42	163	164173	5.430	ng	# 98
56) 2,4-Dinitrotoluene	9.70	165	50618	6.705	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.49	198	375	5.060	ng	# 1
66) 4-Bromophenyl-phenylether	10.49	248	12057	2.228	ng	# 1

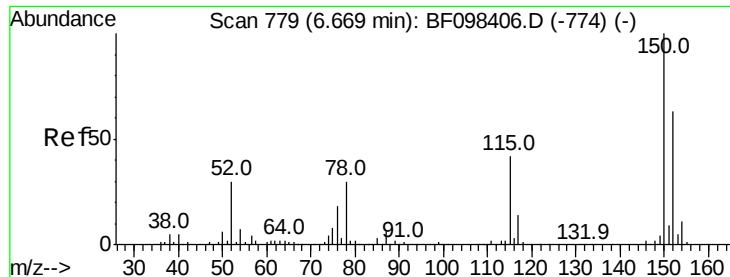
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098445.D
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Misc :
ALS Vial : 33 Sample Multiplier: 1

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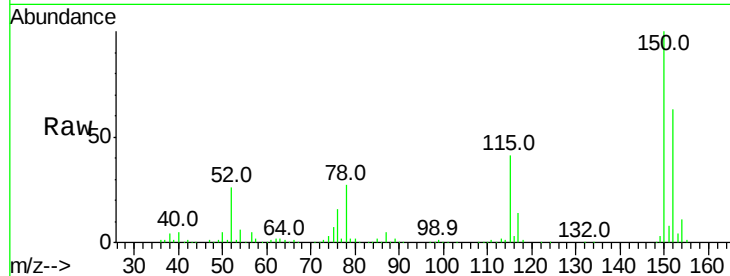


#1

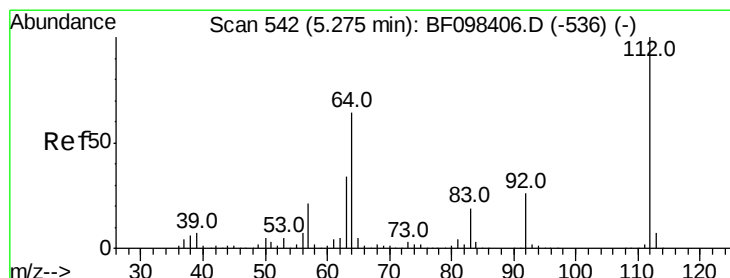
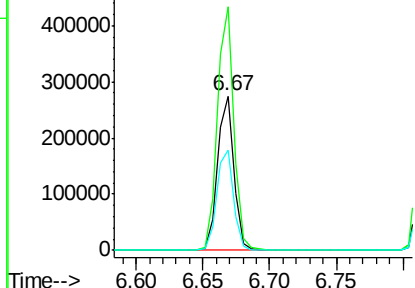
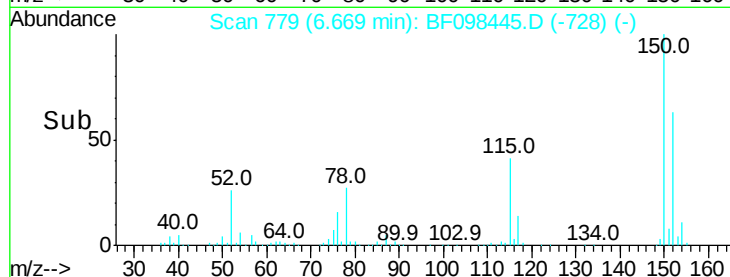
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF098445.D
Acq: 12 Sep 2017 11:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 237781
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 65.1 52.2 78.2



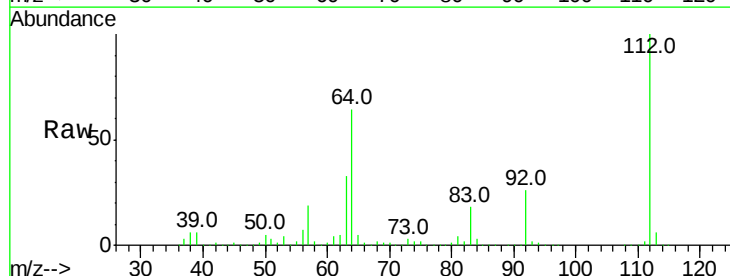
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



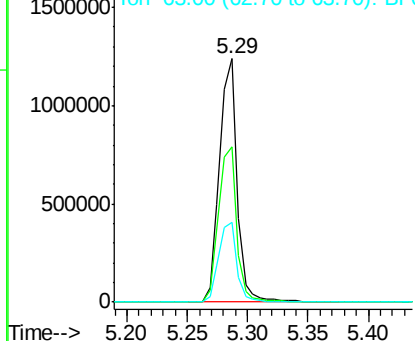
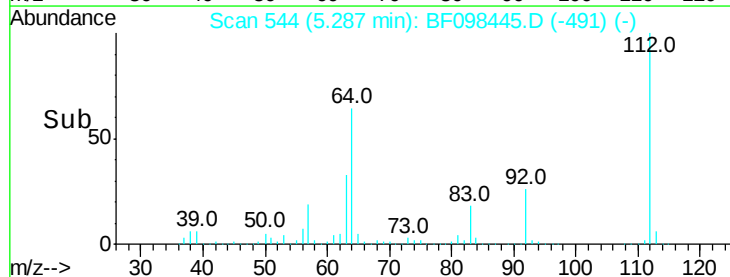
#5

2-Fluorophenol
Concen: 77.780 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF098445.D
Acq: 12 Sep 2017 11:35

Tgt Ion:112 Resp: 1250880
Ion Ratio Lower Upper
112 100
64 64.0 46.0 69.0
63 32.9 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: 84.453 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF098445.D

Acq: 12 Sep 2017 11:35

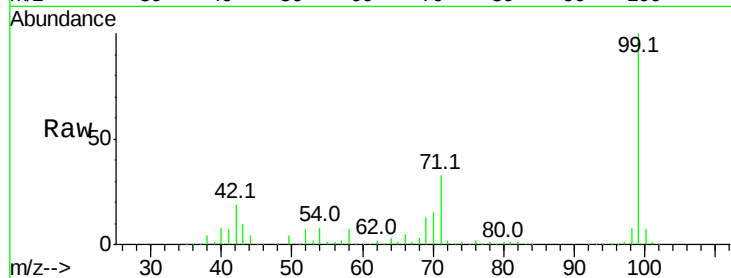
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1724453

Ion	Ratio	Lower	Upper
99	100		
42	19.1	13.5	20.3
71	33.4	24.5	36.7

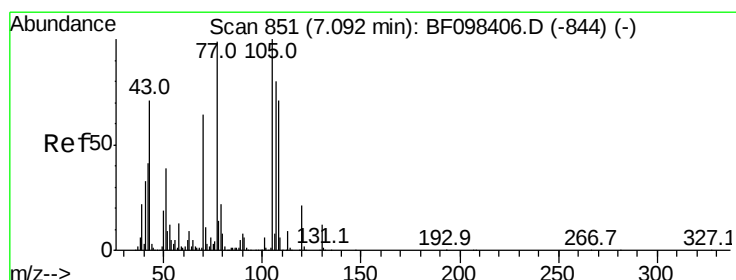
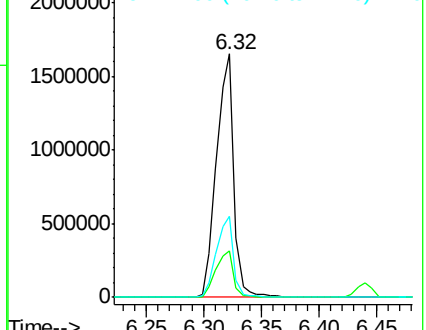
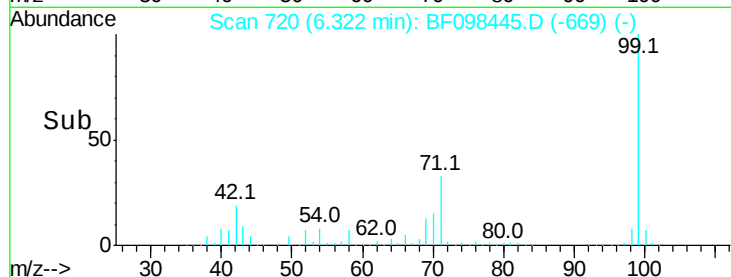


Abundance

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: 12.009 ng

RT: 7.24 min Scan# 876

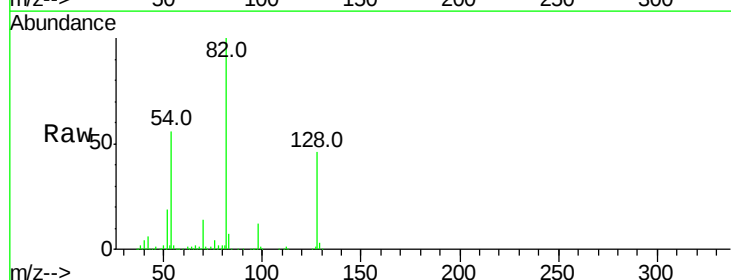
Delta R.T. 0.15 min

Lab File: BF098445.D

Acq: 12 Sep 2017 11:35

Tgt Ion: 70 Resp: 154239

Ion	Ratio	Lower	Upper
70	100		
42	44.6	47.2	70.8#
101	0.0	7.2	10.8#
130	1.7	15.9	23.9#



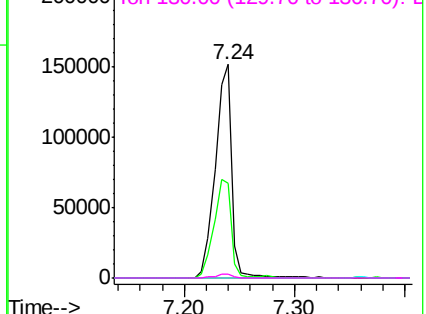
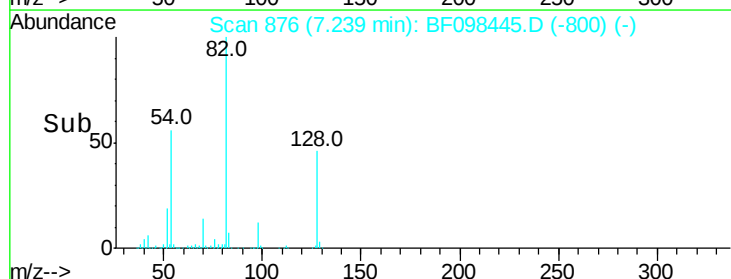
Abundance

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

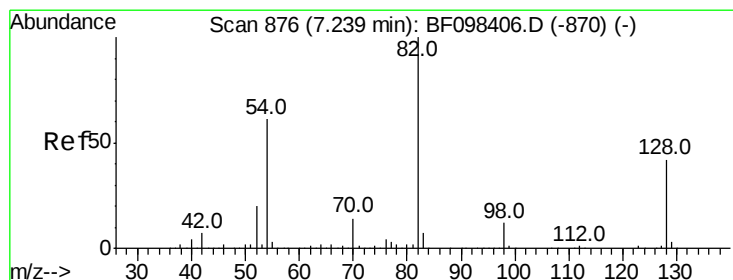
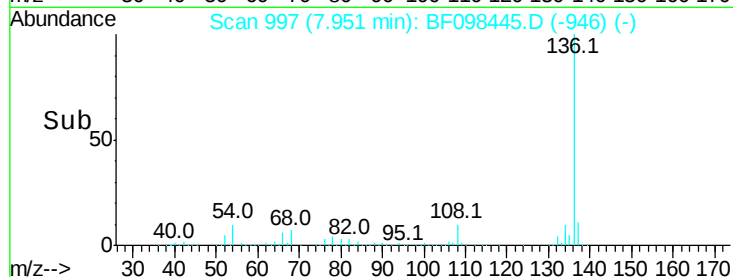
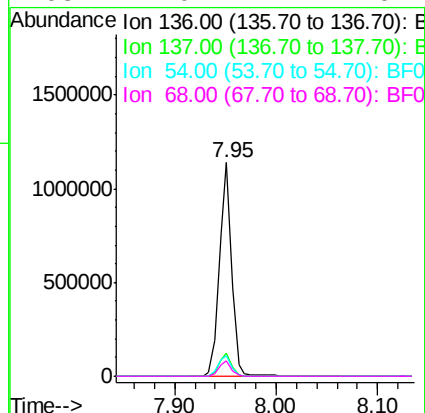
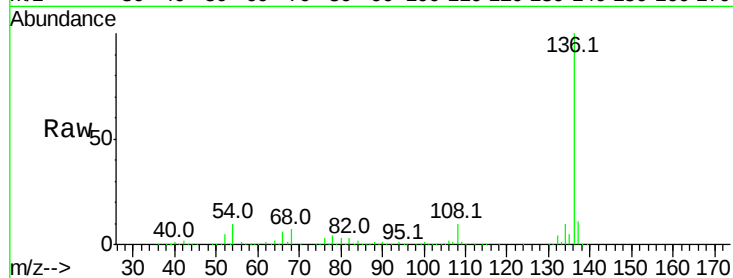




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF098445.D
Acq: 12 Sep 2017 11:35

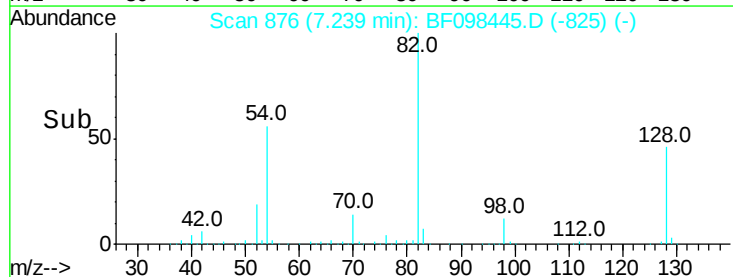
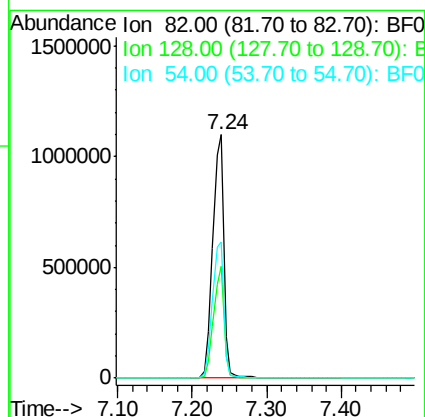
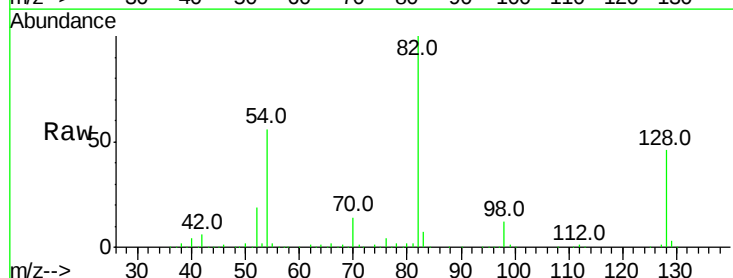
Instrument :
BNA_F
ClientSampleId :

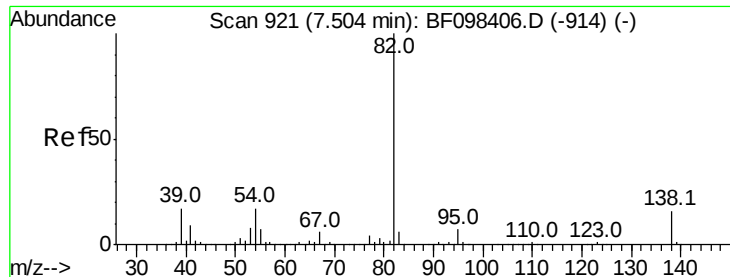
Tot Ion:	136	Resp:	958537
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.7	4.9	7.3#
68	7.0	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 66.200 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF098445.D
Acq: 12 Sep 2017 11:35

Tgt Ion:	82	Resp:	1138213
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	56.1	42.2	63.2





#25

Isophorone

Concen: 32.172 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.26 min

Lab File: BF098445.D

Acq: 12 Sep 2017 11:35

Instrument :

BNA_F

ClientSampled :

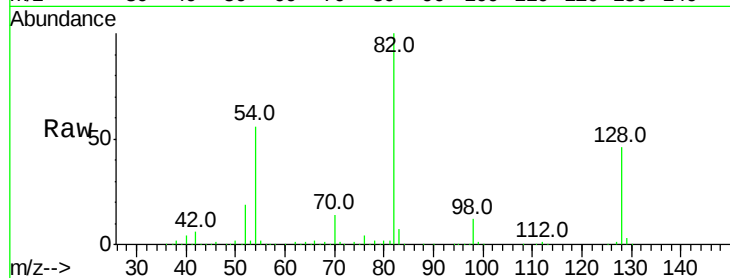
Tot Ion: 82 Resp: 1119184

Ion Ratio Lower Upper

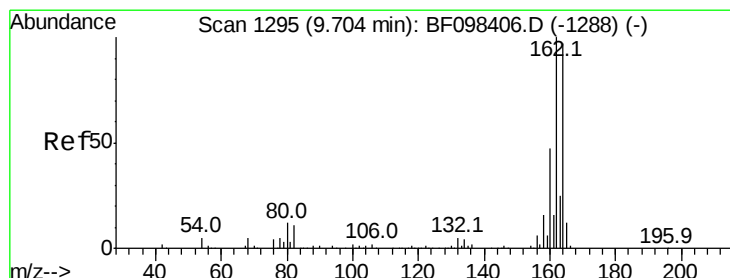
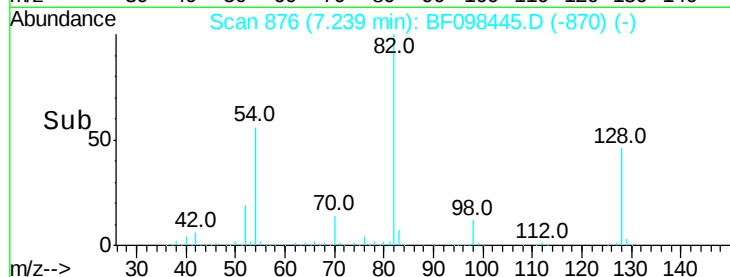
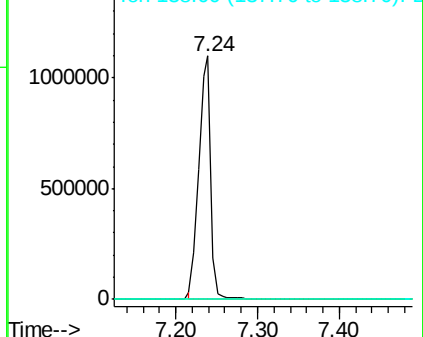
82 100

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: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF098445.D

Acq: 12 Sep 2017 11:35

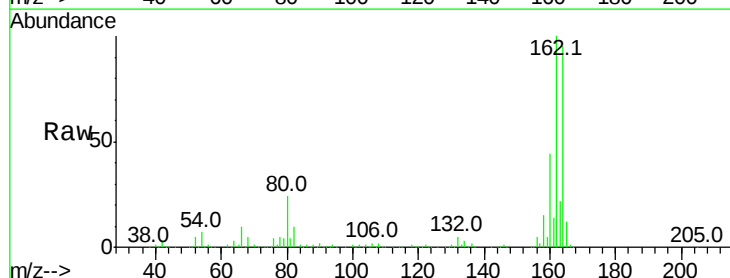
Tgt Ion:164 Resp: 390555

Ion Ratio Lower Upper

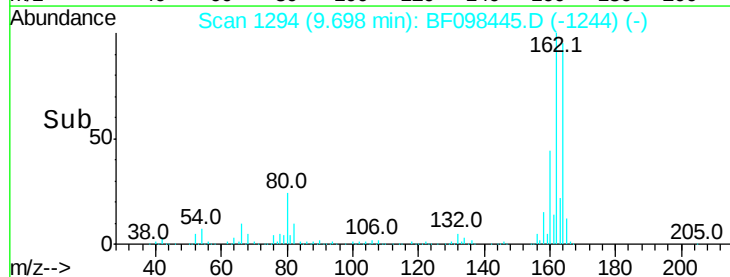
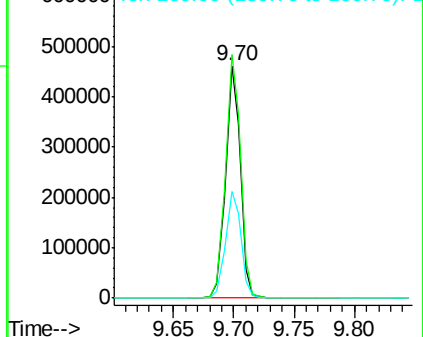
164 100

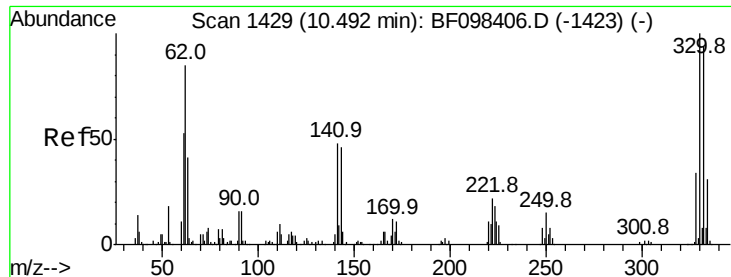
162 104.7 82.6 123.8

160 45.8 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

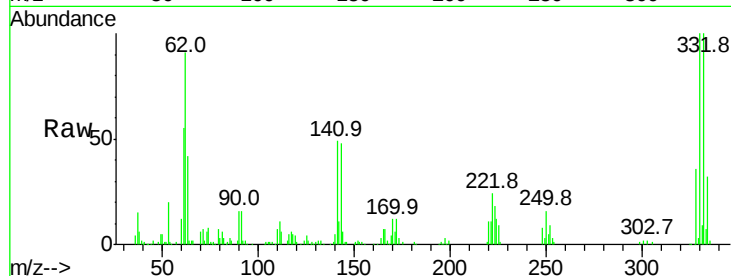




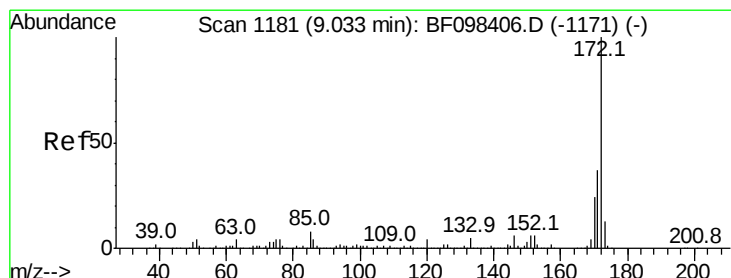
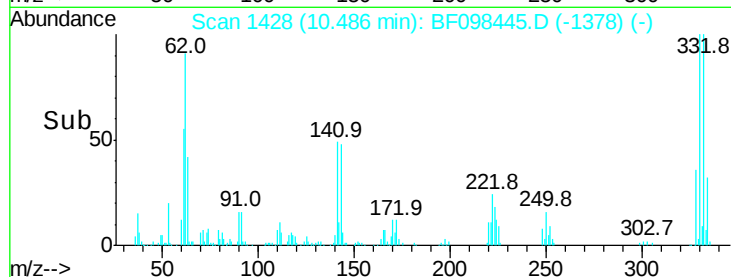
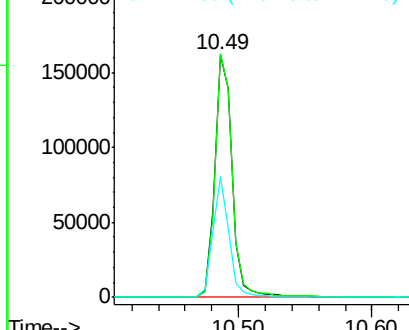
#41
 2,4,6-Tribromophenol
 Concen: 57.628 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF098445.D
 Acq: 12 Sep 2017 11:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 150215
 Ion Ratio Lower Upper
 330 100
 332 99.3 76.6 115.0
 141 46.6 31.4 47.2

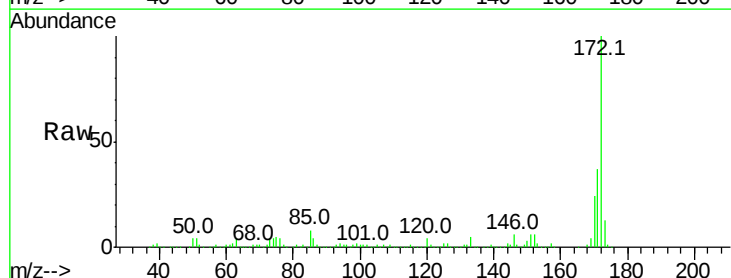


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

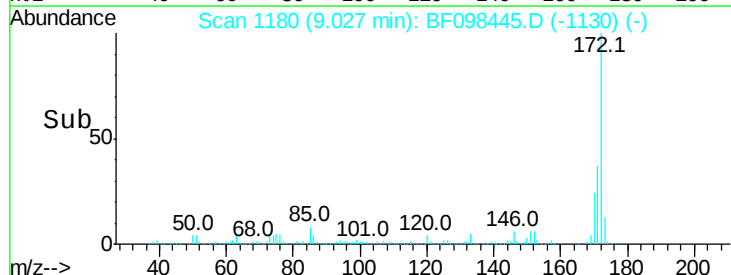
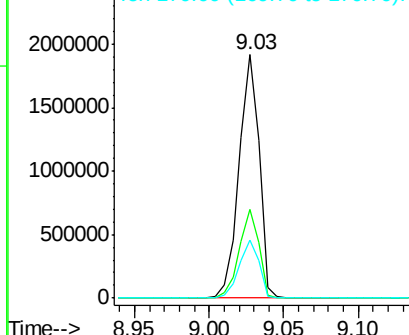


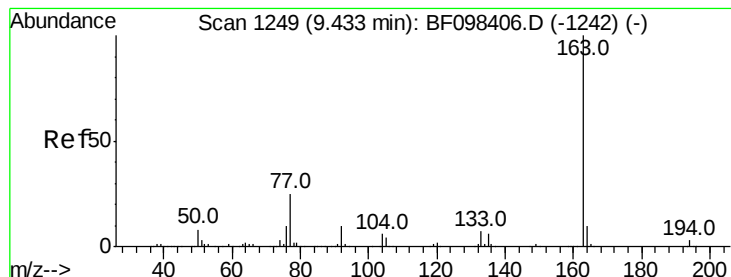
#44
 2-Fluorobiphenyl
 Concen: 78.739 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF098445.D
 Acq: 12 Sep 2017 11:35

Tgt Ion:172 Resp: 1814368
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.0 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: 5.430 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF098445.D

Acq: 12 Sep 2017 11:35

Instrument :

BNA_F

ClientSampled :

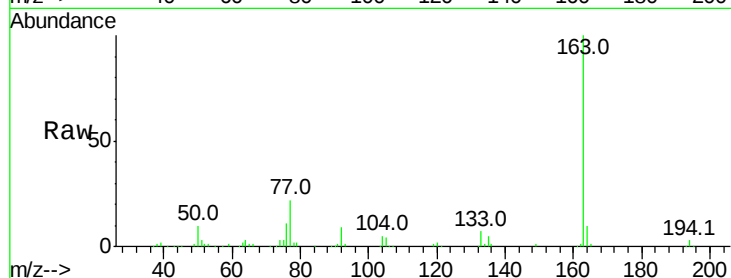
Tot Ion:163 Resp: 164173

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

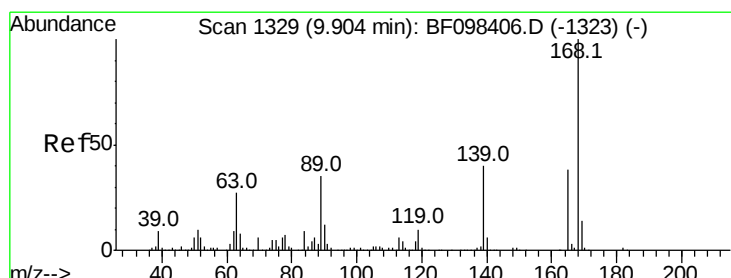
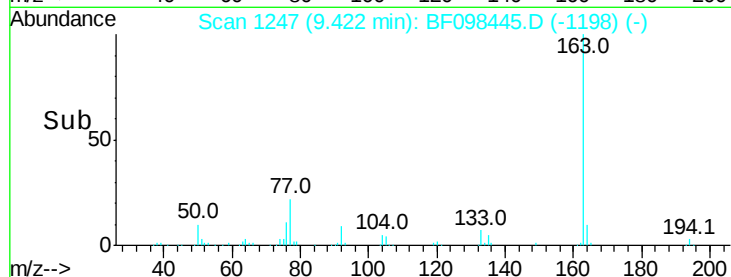
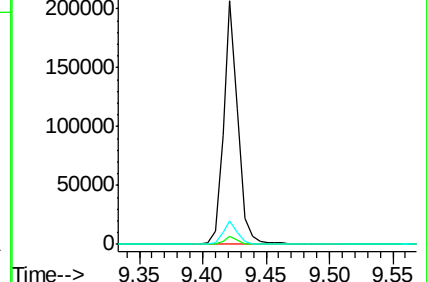
164 9.6 8.4 12.6



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



#56

2,4-Dinitrotoluene

Concen: 6.705 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.21 min

Lab File: BF098445.D

Acq: 12 Sep 2017 11:35

Tgt Ion:165 Resp: 50618

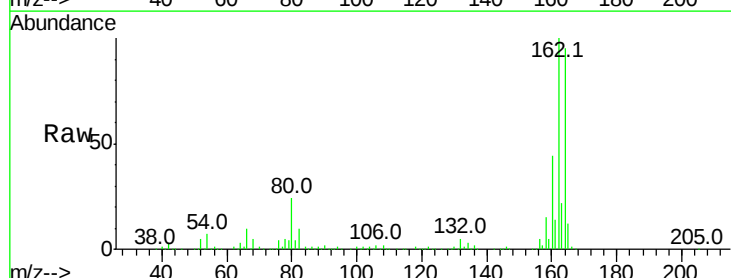
Ion Ratio Lower Upper

165 100

63 1.3 25.4 38.0#

89 1.4 46.4 69.6#

182 0.0 1.8 2.6#

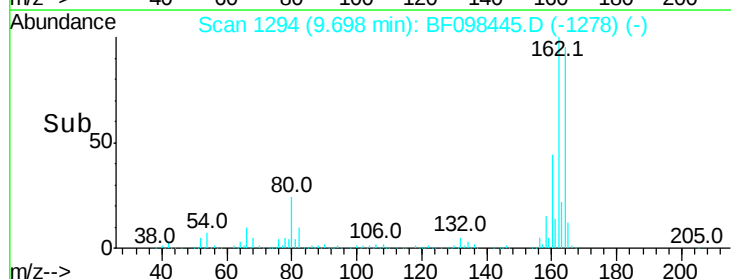
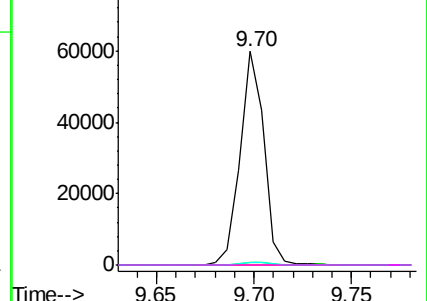


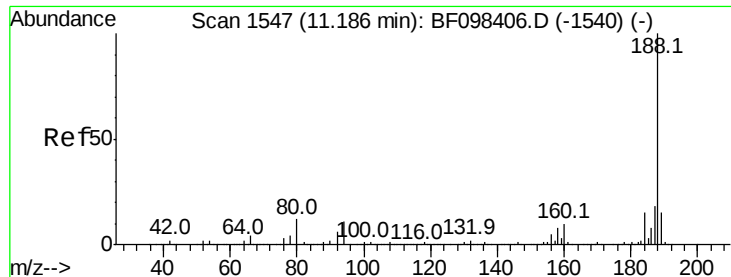
Abundance Ion 165.00 (164.70 to 165.70): E

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

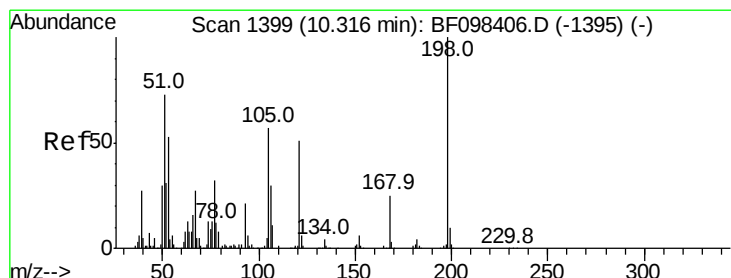
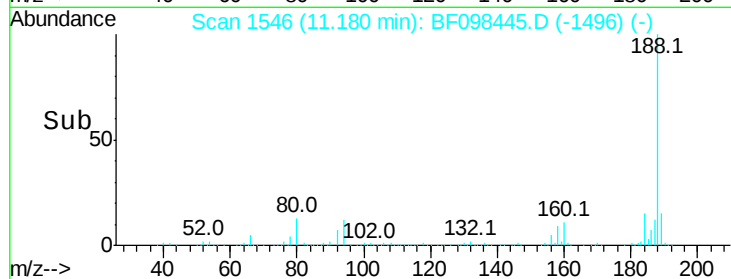
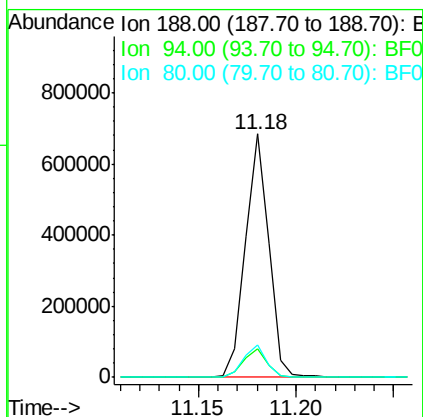
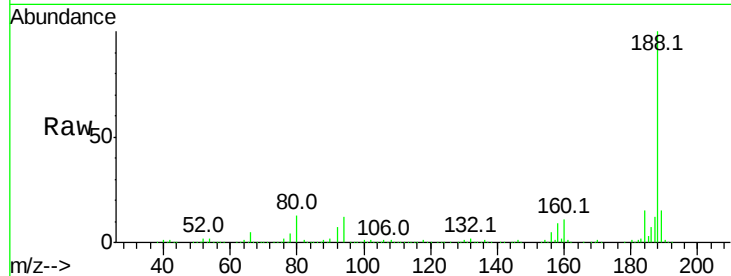




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF098445.D
 Acq: 12 Sep 2017 11:35

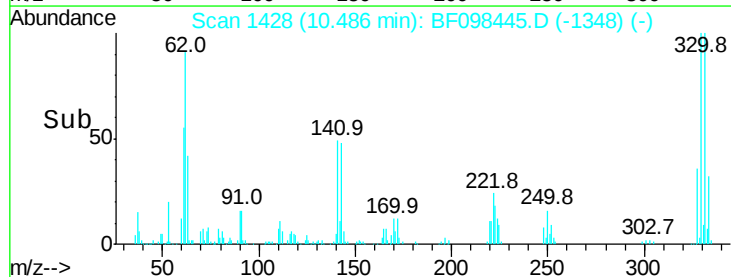
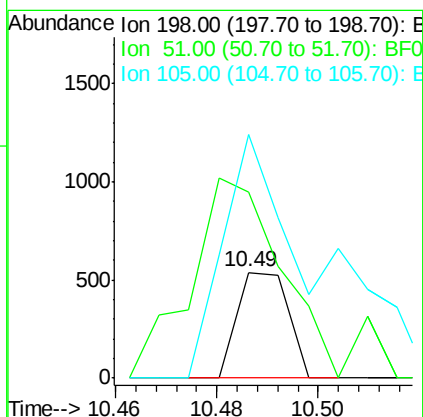
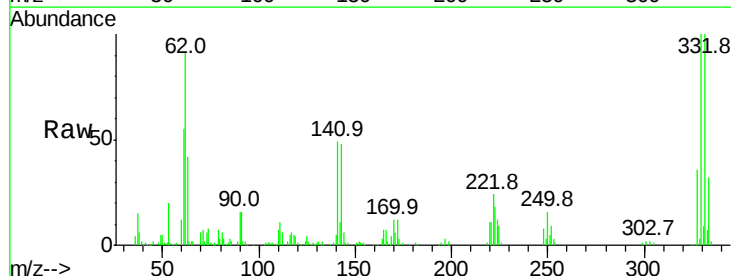
Instrument :
 BNA_F
 ClientSampleId :

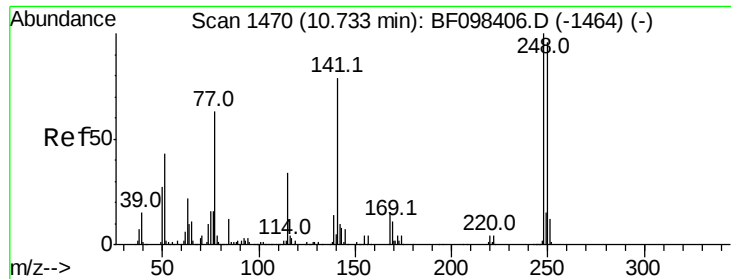
Tot Ion:188 Resp: 570151
 Ion Ratio Lower Upper
 188 100
 94 12.0 9.4 14.2
 80 13.1 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.060 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.17 min
 Lab File: BF098445.D
 Acq: 12 Sep 2017 11:35

Tgt Ion:198 Resp: 375
 Ion Ratio Lower Upper
 198 100
 51 175.9 53.2 93.2#
 105 229.8 45.8 85.8#

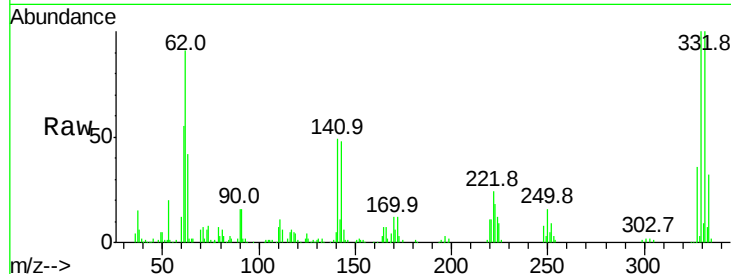




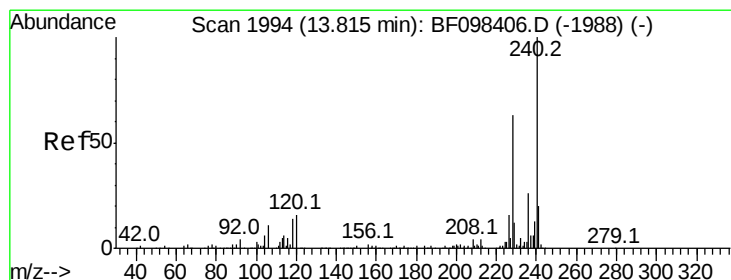
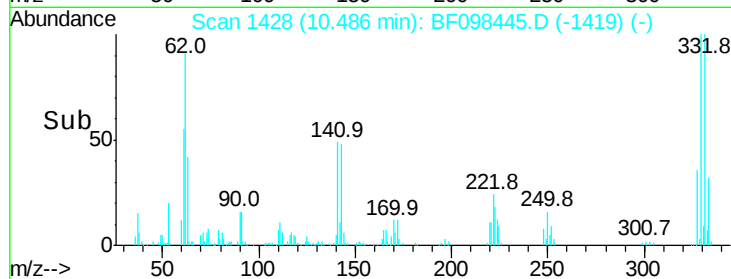
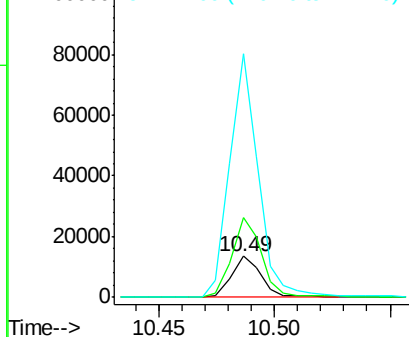
#66
 4-Bromophenyl-phenylether
 Concen: 2.228 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.25 min
 Lab File: BF098445.D
 Acq: 12 Sep 2017 11:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12057
 Ion Ratio Lower Upper
 248 100
 250 192.6 76.8 115.2#
 141 592.1 68.6 103.0#

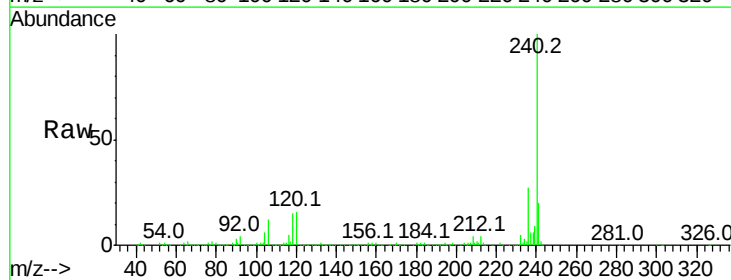


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

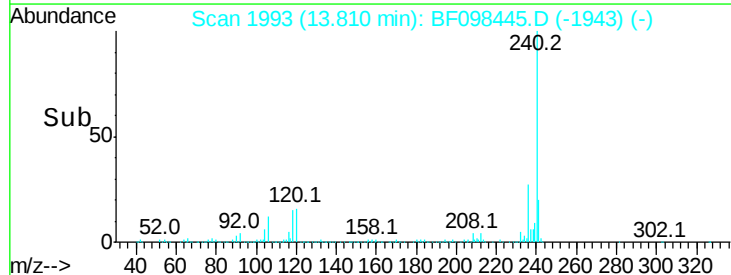
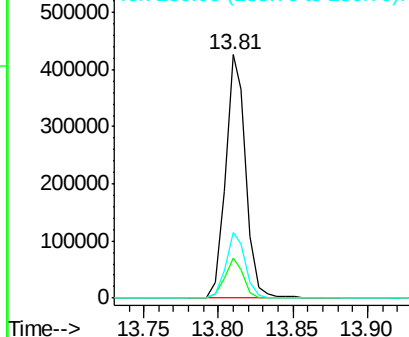


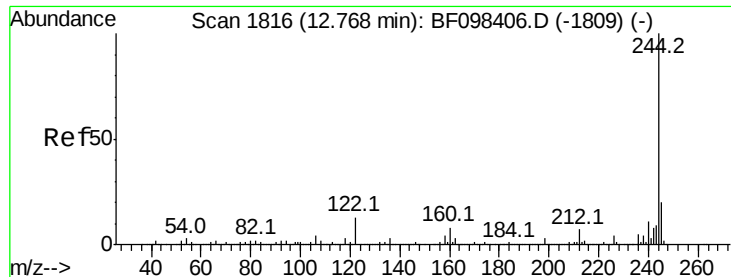
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF098445.D
 Acq: 12 Sep 2017 11:35

Tgt Ion:240 Resp: 408144
 Ion Ratio Lower Upper
 240 100
 120 16.4 5.8 8.8#
 236 26.9 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: 56.454 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098445.D

Acq: 12 Sep 2017 11:35

Instrument :

BNA_F

ClientSampleId :

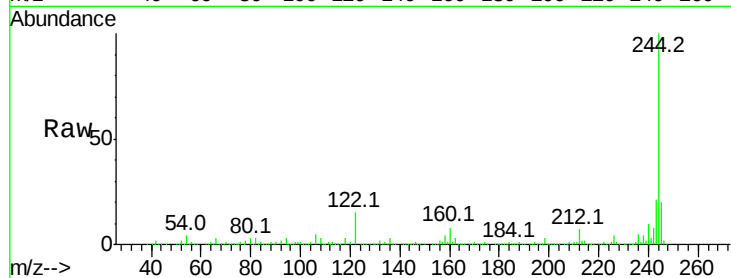
Tot Ion:244 Resp: 1067489

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

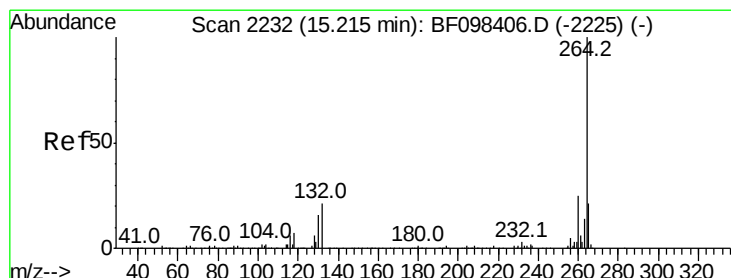
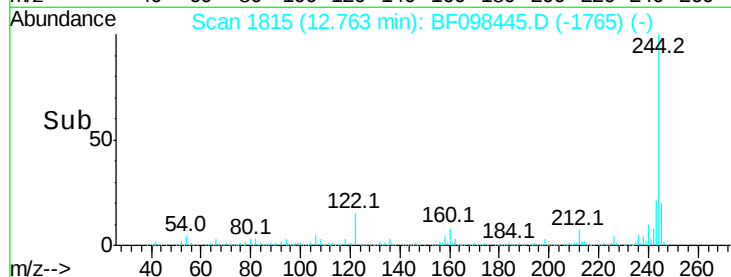
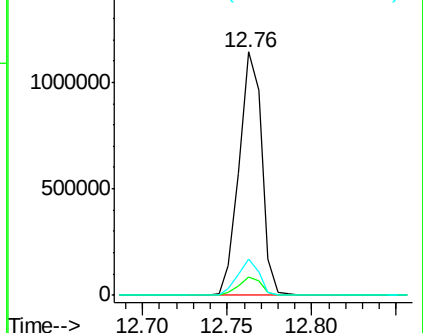
122 14.8 10.3 15.5



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: 20.000 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BF098445.D

Acq: 12 Sep 2017 11:35

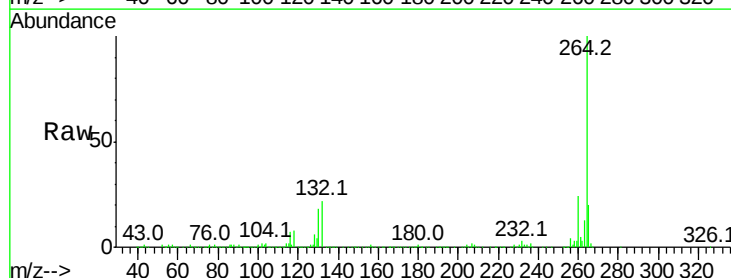
Tgt Ion:264 Resp: 401849

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 19.8 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

