

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104364.D
 Acq On : 9 Apr 2018 11:46
 Operator : JU/SJ
 Sample : J2184-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 01:13:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	149004	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	599117	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	277175	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	484968	20.00	ng	0.00
75) Chrysene-d12	13.97	240	292376	20.00	ng	0.00
86) Perylene-d12	15.43	264	296069	20.00	ng	0.00

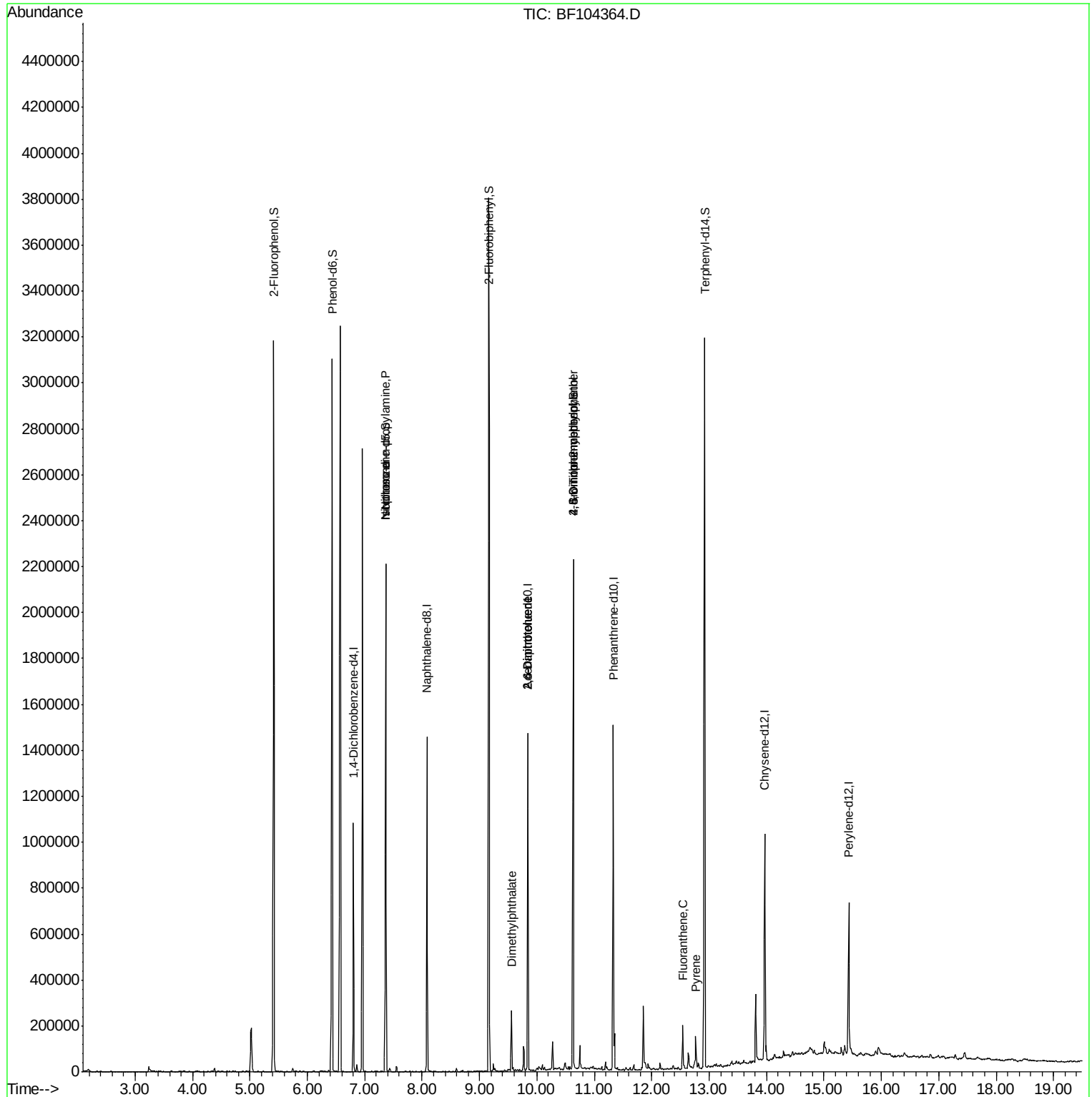
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1018930	104.56	ng	0.01
7) Phenol-d6	6.43	99	1231465	102.85	ng	0.00
23) Nitrobenzene-d5	7.37	82	751379	81.89	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	304829	106.02	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1229665	70.08	ng	0.00
78) Terphenyl-d14	12.92	244	1104530	86.13	ng	0.00

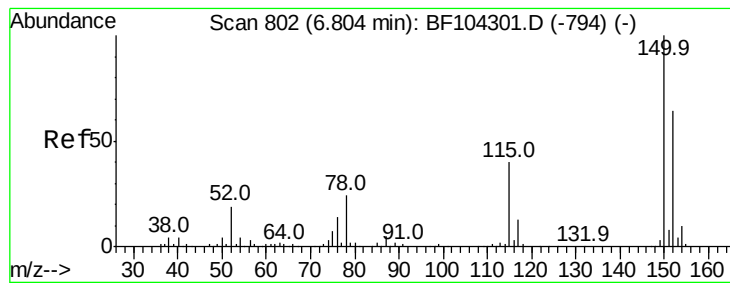
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	98127	12.542	ng	# 74
25) Isophorone	7.37	82	750972	38.706	ng	# 64
49) Dimethylphthalate	9.56	163	97646	4.467	ng	99
50) 2,6-Dinitrotoluene	9.84	165	35564	8.793	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	35564	6.704	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	513	7.531	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	17851	3.460	ng	# 1
74) Fluoranthene	12.54	202	67290	2.385	ng	98
76) Benzidine	12.92	184	14731	Below Cal		95
77) Pyrene	12.77	202	49556	2.287	ng	97

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

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Misc      :  
ALS Vial  : 7 Sample Multiplier: 1
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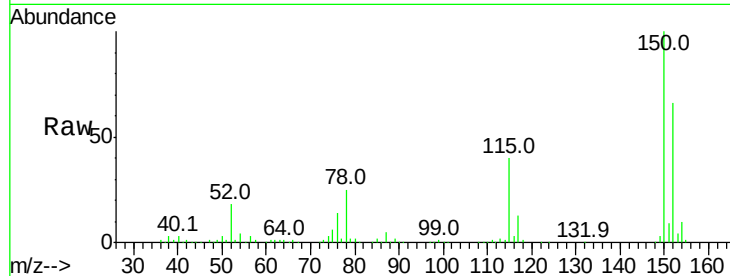


#1

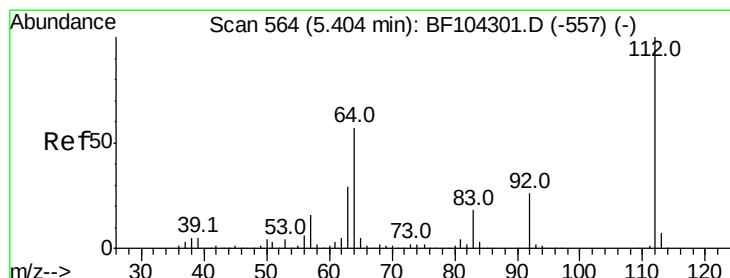
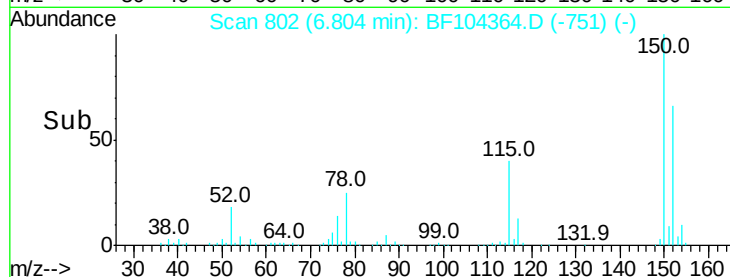
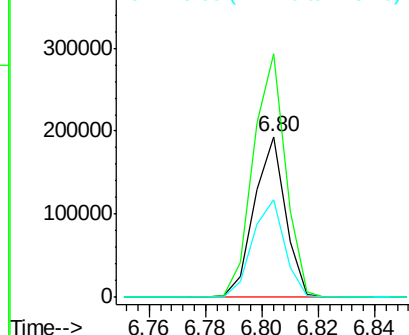
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104364.D
Acq: 9 Apr 2018 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149004
Ion Ratio Lower Upper
152 100
150 151.6 124.6 186.8
115 60.9 50.1 75.1



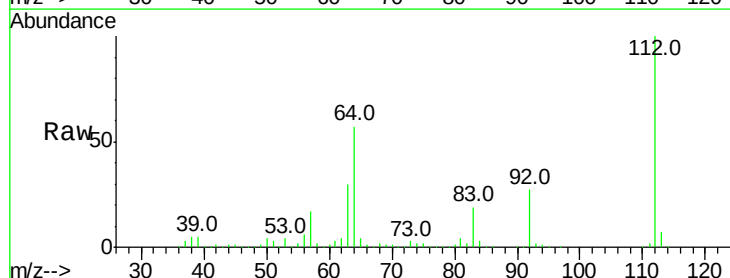
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



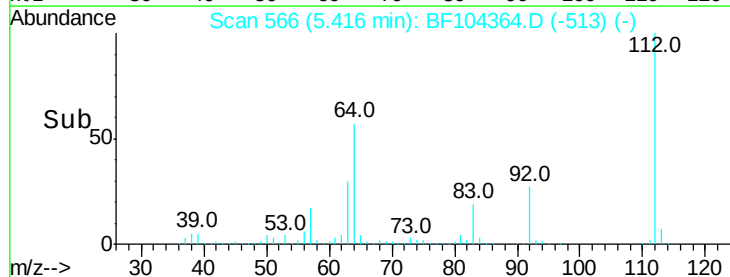
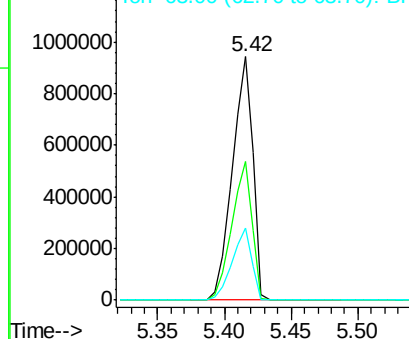
#5

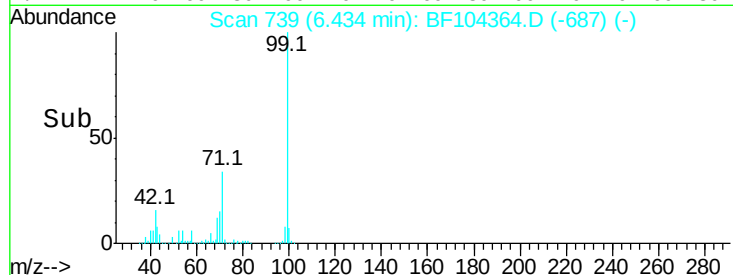
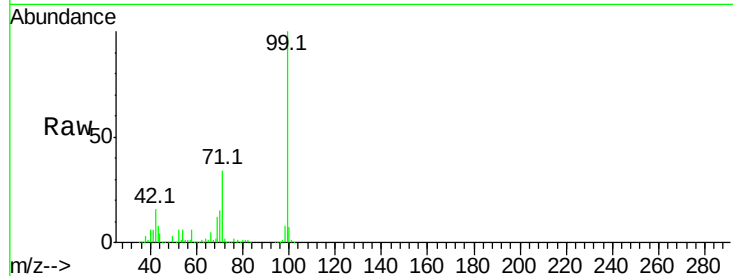
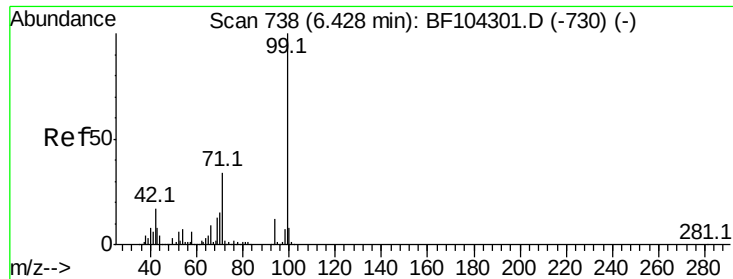
2-Fluorophenol
Concen: 104.561 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104364.D
Acq: 9 Apr 2018 11:46

Tgt Ion:112 Resp: 1018930
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 29.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 102.851 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104364.D

Acq: 9 Apr 2018 11:46

Instrument :

BNA_F

ClientSampleId :

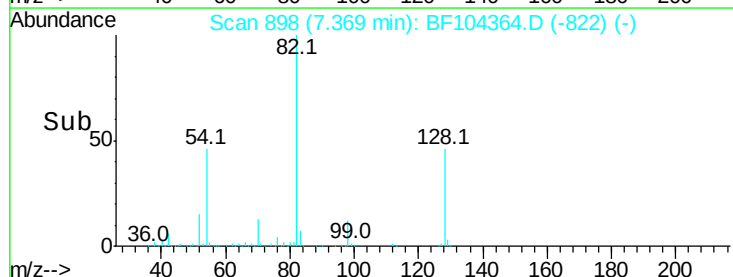
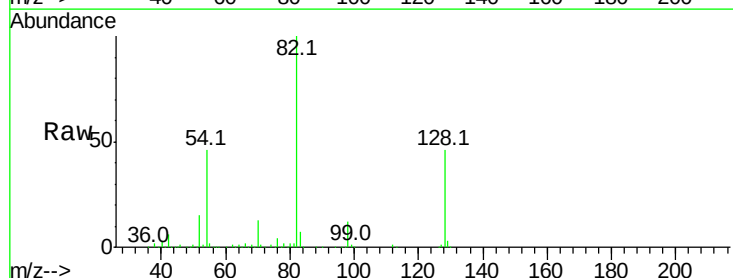
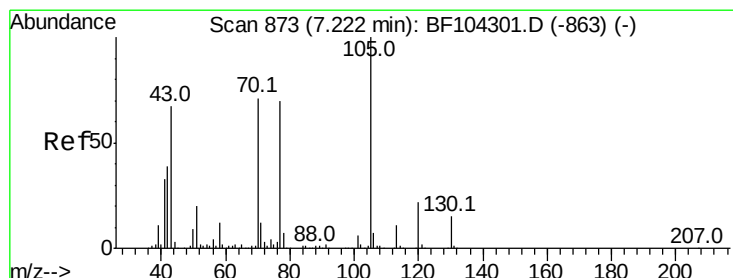
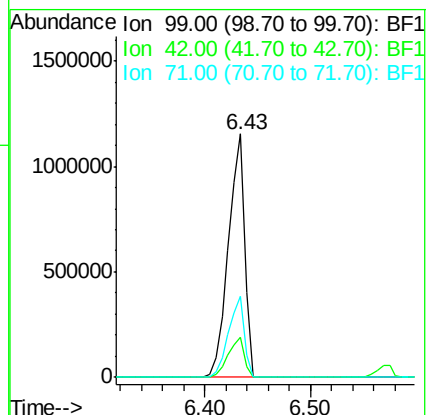
Tot Ion: 99 Resp: 1231465

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

71 33.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.542 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104364.D

Acq: 9 Apr 2018 11:46

Tgt Ion: 70 Resp: 98127

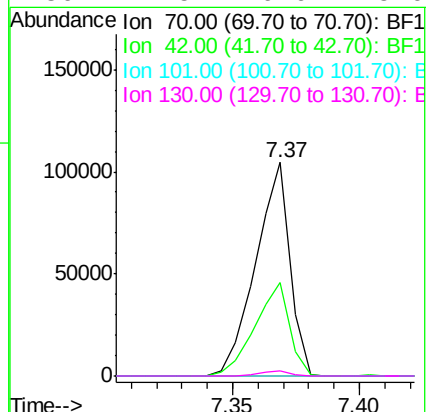
Ion Ratio Lower Upper

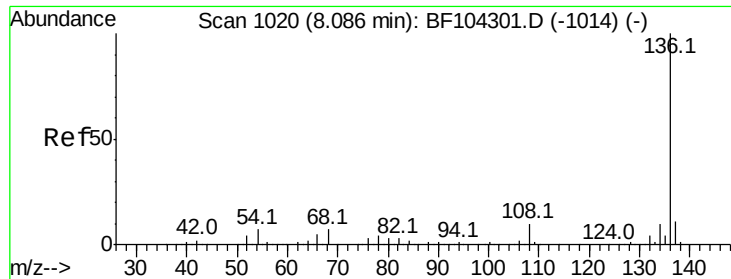
70 100

42 43.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

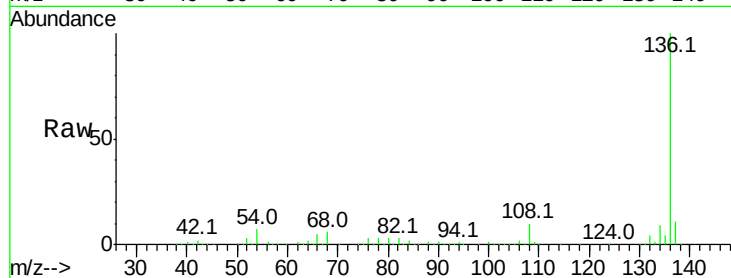




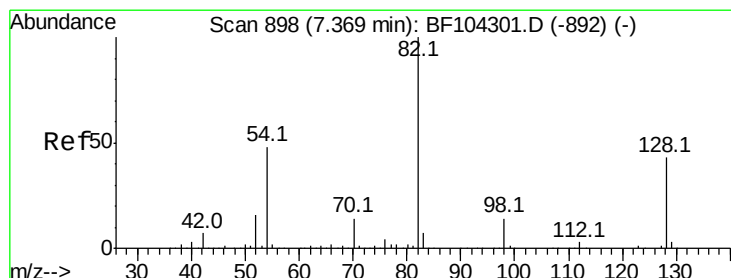
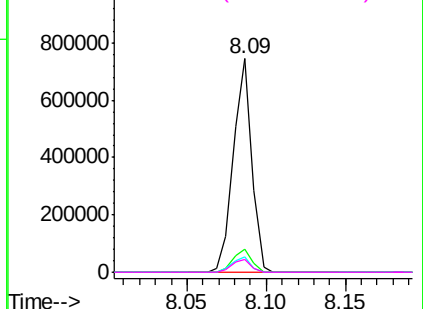
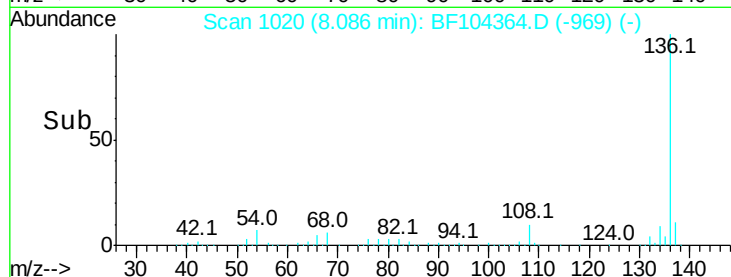
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104364.D
Acq: 9 Apr 2018 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	599117
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.0	6.6	9.8
68	6.2	5.0	7.4

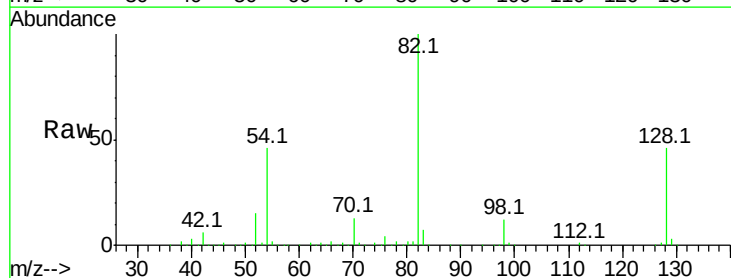


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

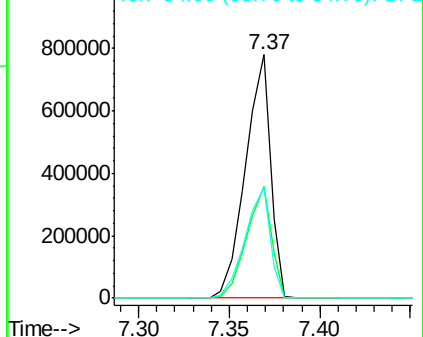
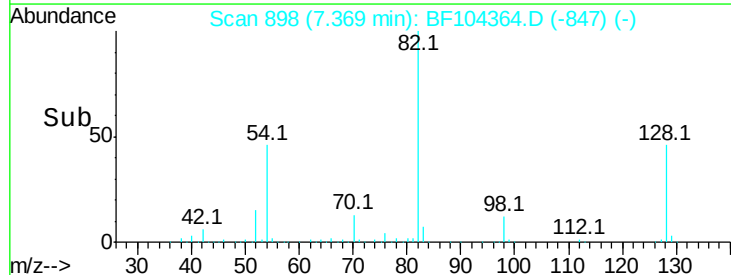


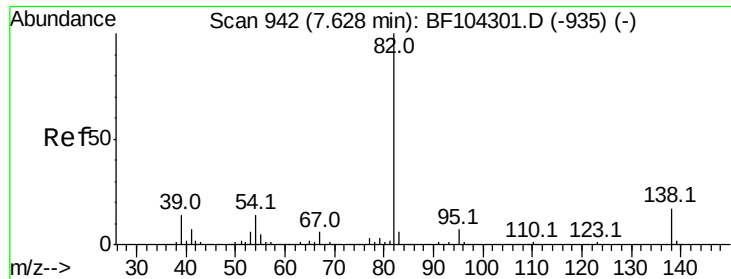
#23
Nitrobenzene-d5
Concen: 81.893 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104364.D
Acq: 9 Apr 2018 11:46

Tgt Ion:	82	Resp:	751379
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	45.5	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.706 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104364.D

Acq: 9 Apr 2018 11:46

Instrument :

BNA_F

ClientSampleId :

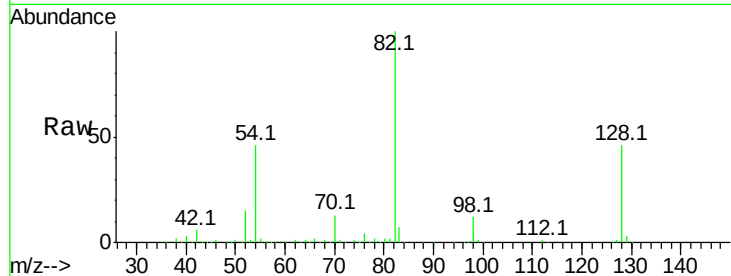
Tot Ion: 82 Resp: 750972

Ion Ratio Lower Upper

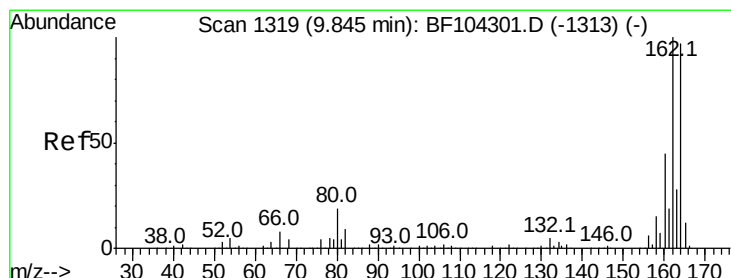
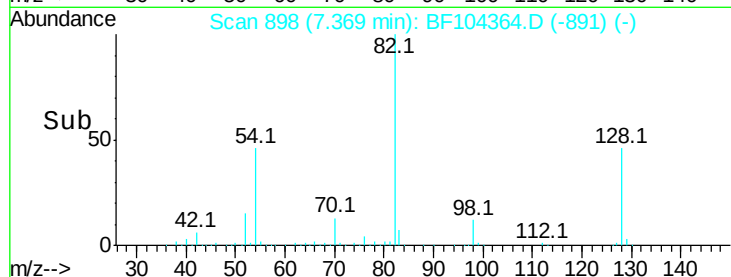
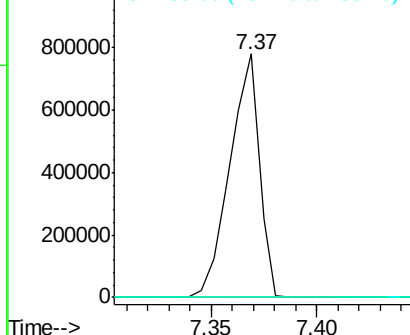
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104364.D

Acq: 9 Apr 2018 11:46

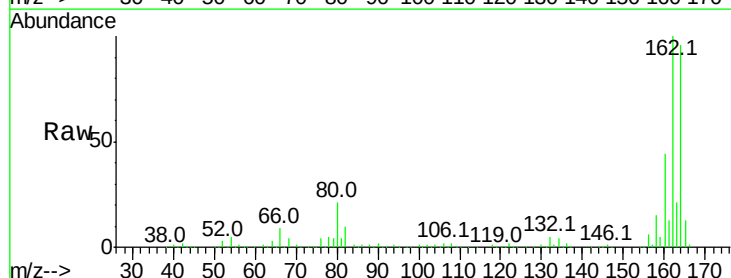
Tgt Ion:164 Resp: 277175

Ion Ratio Lower Upper

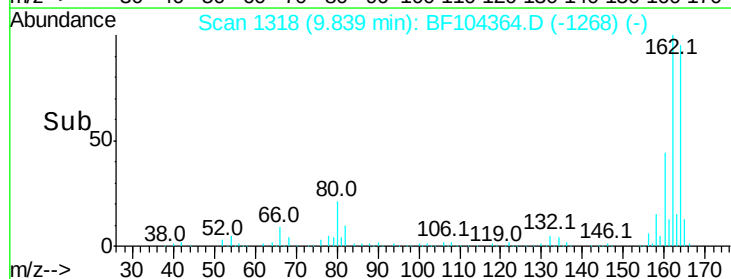
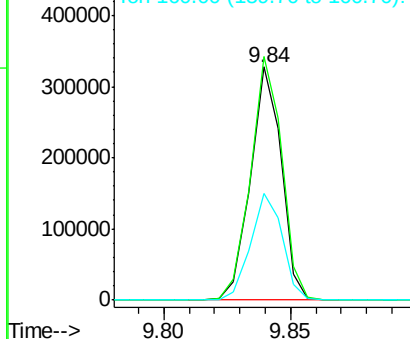
164 100

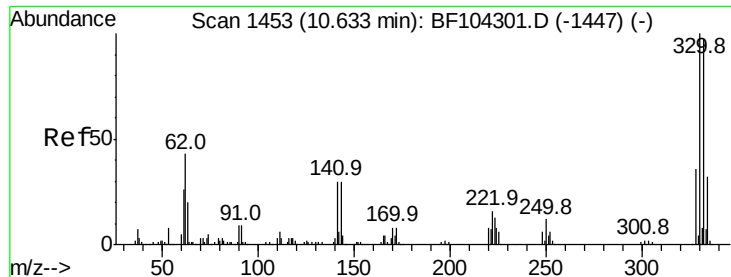
162 104.4 86.1 129.1

160 45.7 38.3 57.5



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

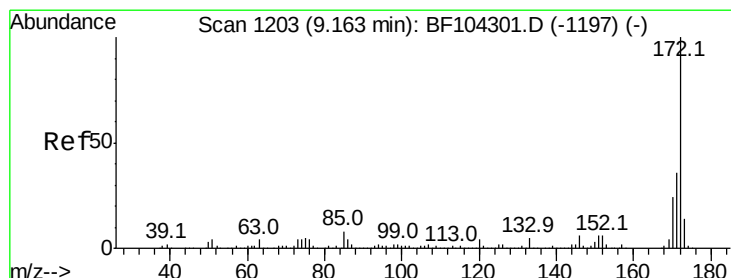
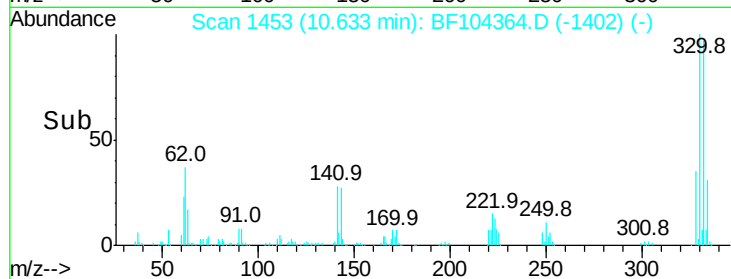
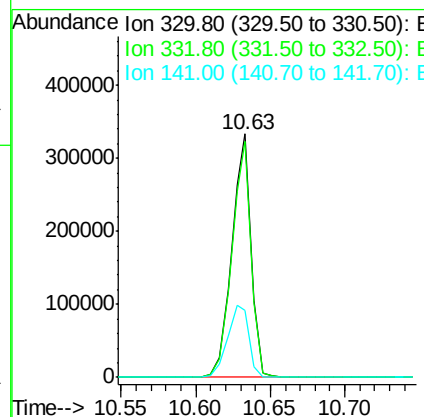
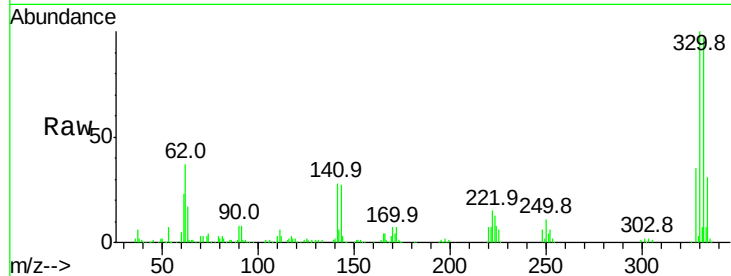




#41
 2,4,6-Tribromophenol
 Concen: 106.020 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF104364.D
 Acq: 9 Apr 2018 11:46

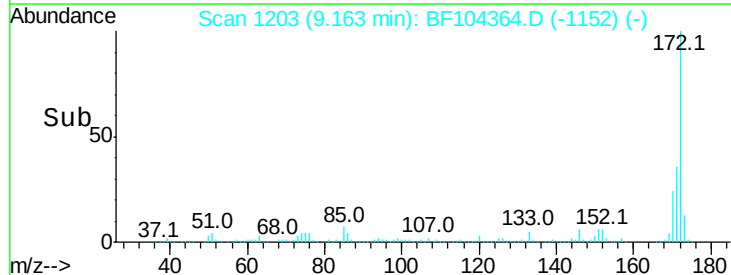
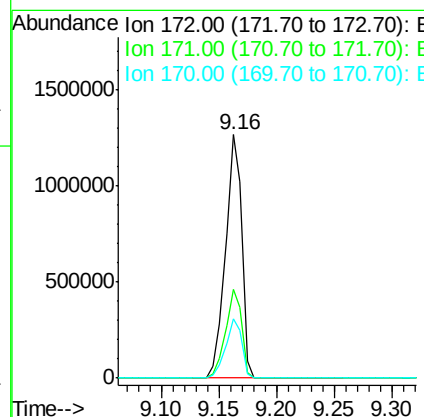
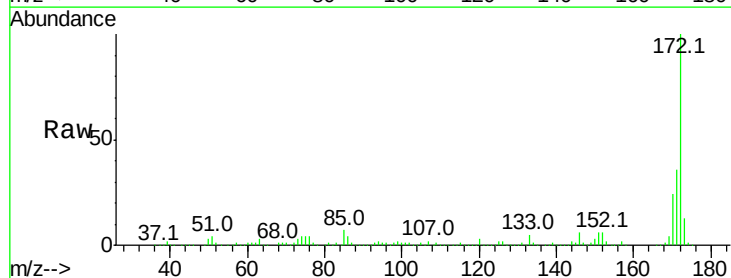
Instrument :
 BNA_F
 ClientSampleId :

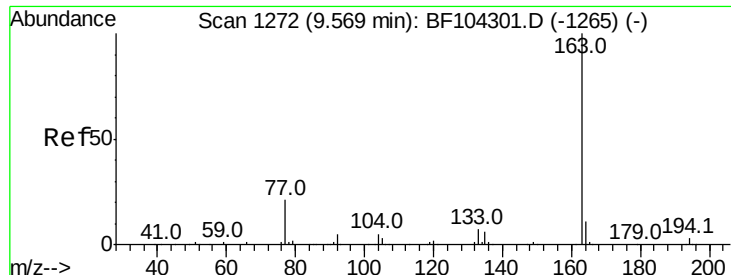
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	33.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 70.084 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104364.D
 Acq: 9 Apr 2018 11:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	19.6	29.4

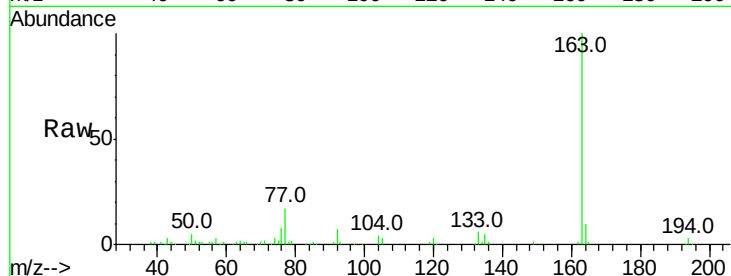




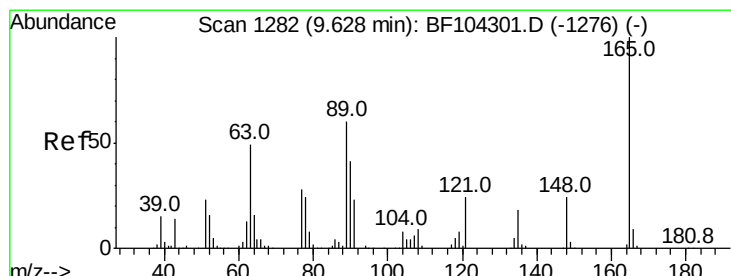
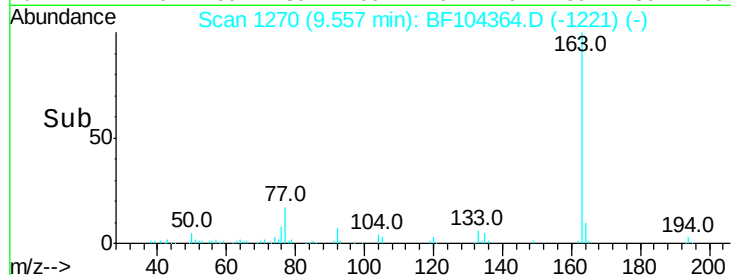
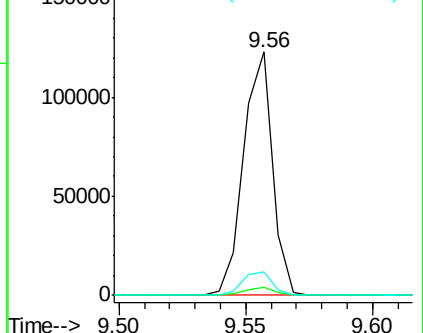
#49
Dimethylphthalate
Concen: 4.467 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104364.D
Acq: 9 Apr 2018 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 97646
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.8 8.2 12.2

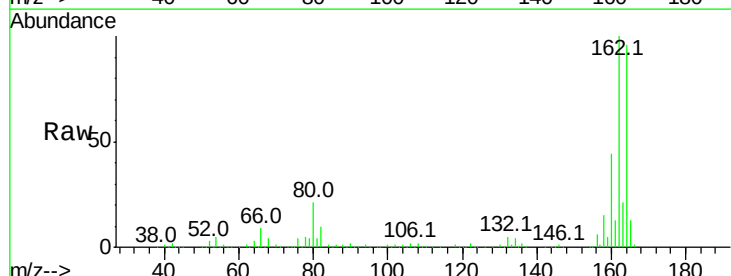


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

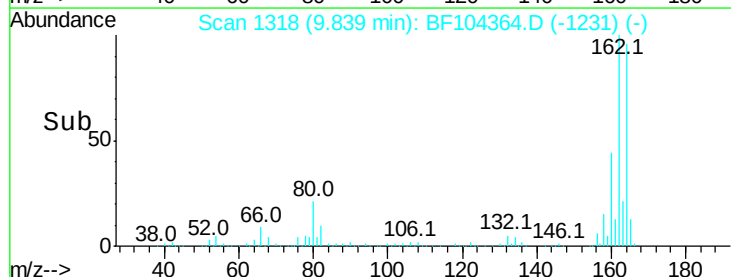
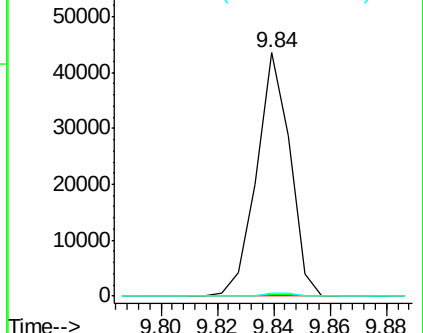


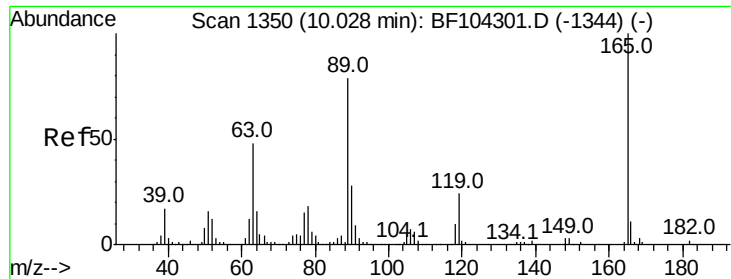
#50
2,6-Dinitrotoluene
Concen: 8.793 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104364.D
Acq: 9 Apr 2018 11:46

Tgt Ion:165 Resp: 35564
Ion Ratio Lower Upper
165 100
63 0.9 44.7 67.1#
89 1.2 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

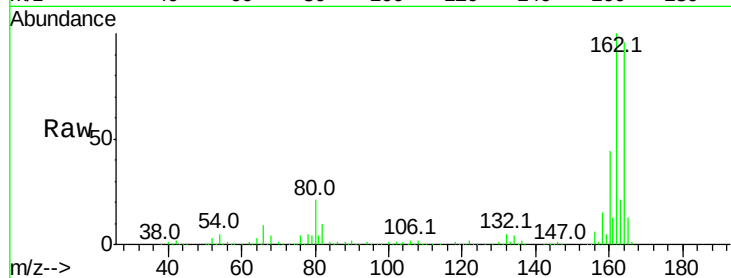




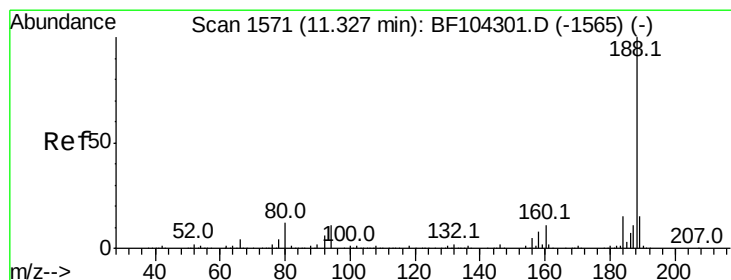
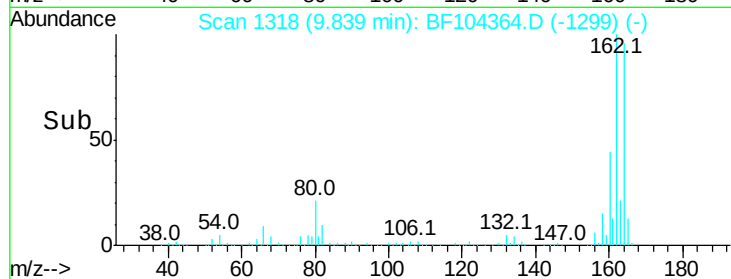
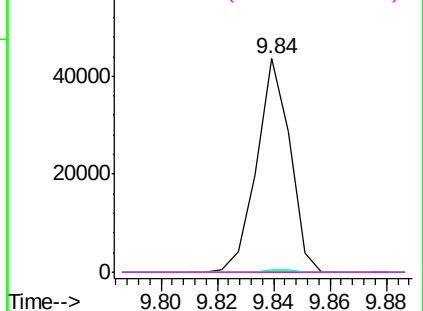
#56
 2,4-Dinitrotoluene
 Concen: 6.704 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.19 min
 Lab File: BF104364.D
 Acq: 9 Apr 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 35564
 Ion Ratio Lower Upper
 165 100
 63 0.9 36.4 54.6#
 89 1.2 57.8 86.6#
 182 0.0 1.6 2.4#

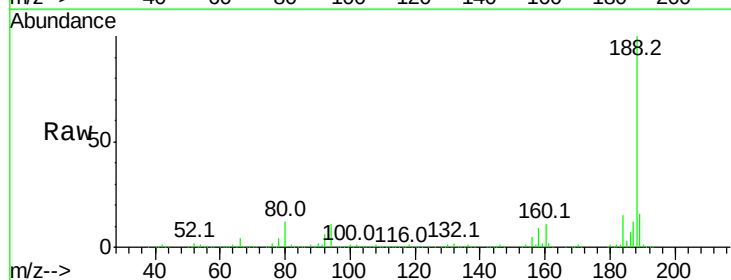


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

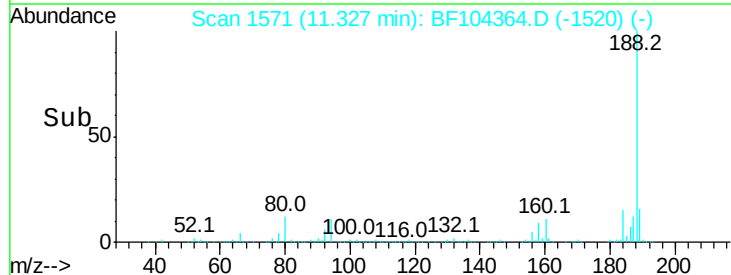
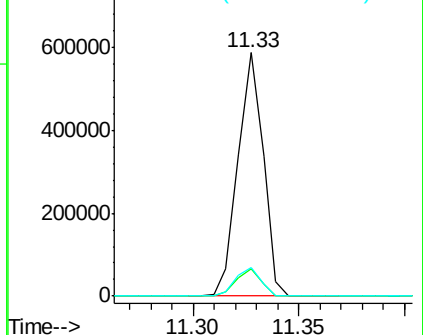


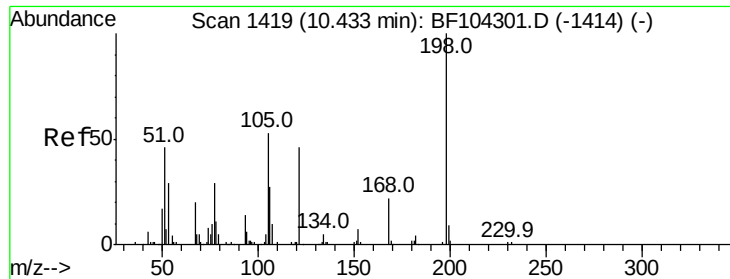
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF104364.D
 Acq: 9 Apr 2018 11:46

Tgt Ion:188 Resp: 484968
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 11.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

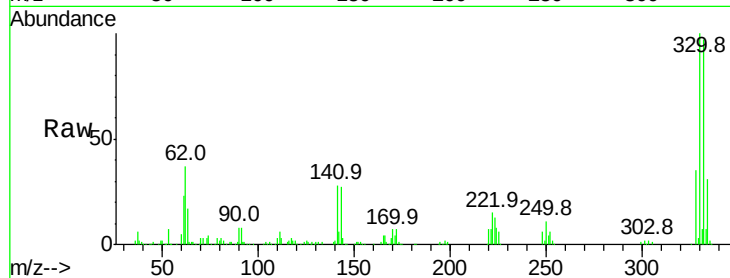




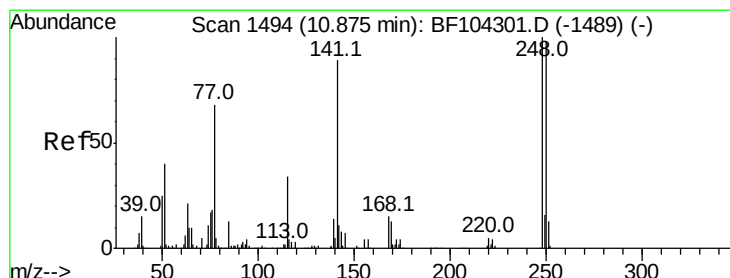
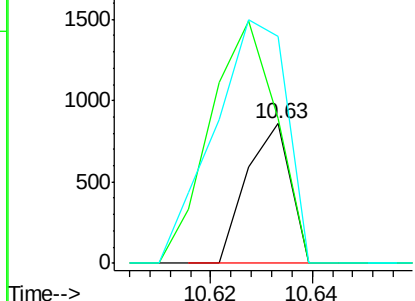
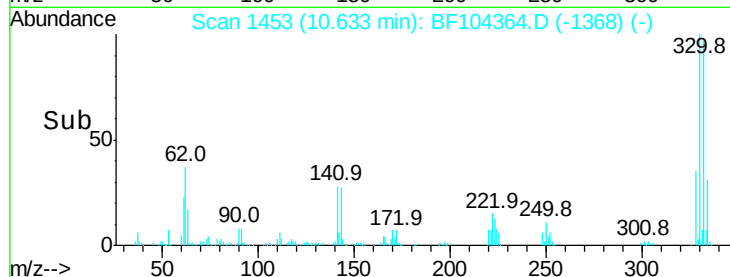
#64
4,6-Dinitro-2-methylphenol
Concen: 7.531 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.20 min
Lab File: BF104364.D
Acq: 9 Apr 2018 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 513
Ion Ratio Lower Upper
198 100
51 104.4 37.7 77.7#
105 162.9 36.3 76.3#

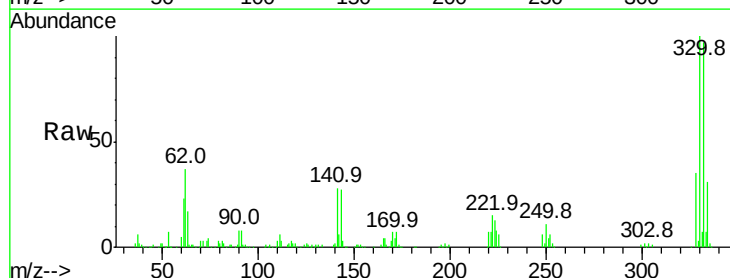


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

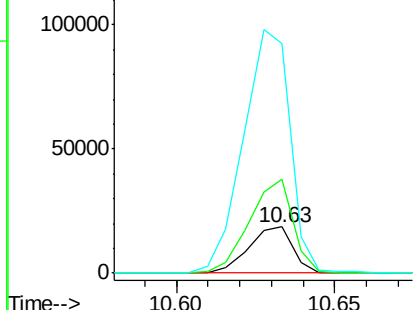
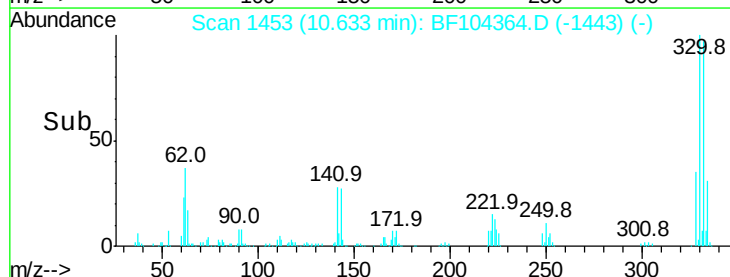


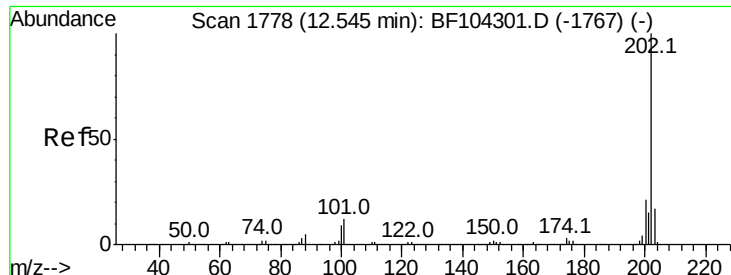
#66
4-Bromophenyl-phenylether
Concen: 3.460 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104364.D
Acq: 9 Apr 2018 11:46

Tgt Ion:248 Resp: 17851
Ion Ratio Lower Upper
248 100
250 203.4 76.9 115.3#
141 498.3 74.4 111.6#



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

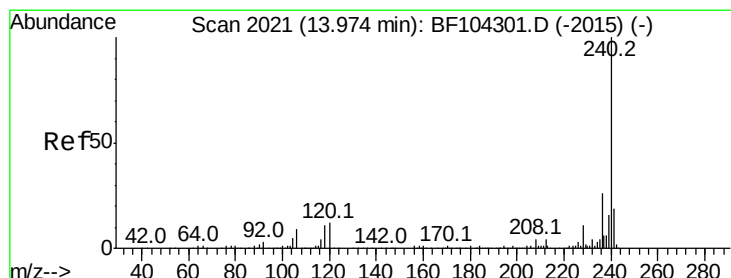
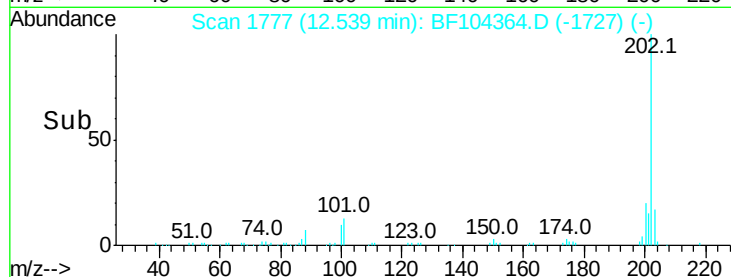
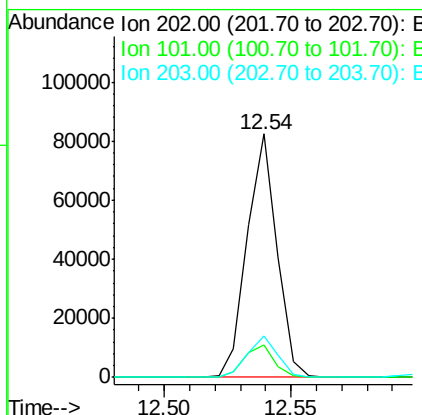
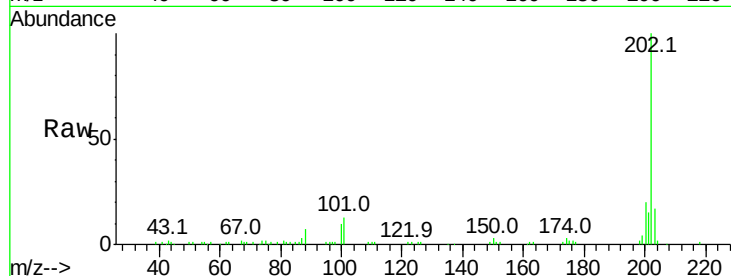




#74
 Fluoranthene
 Concen: 2.385 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF104364.D
 Acq: 9 Apr 2018 11:46

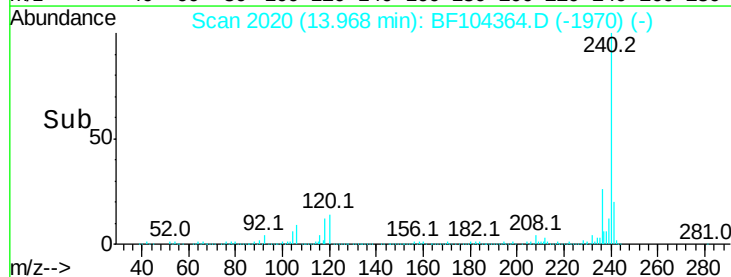
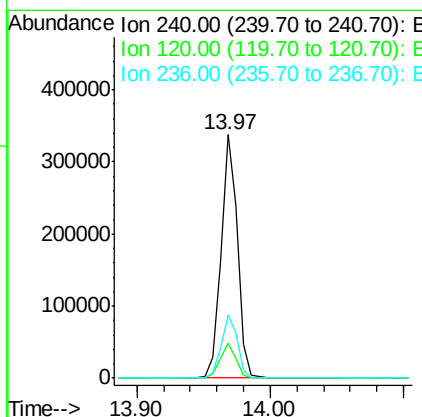
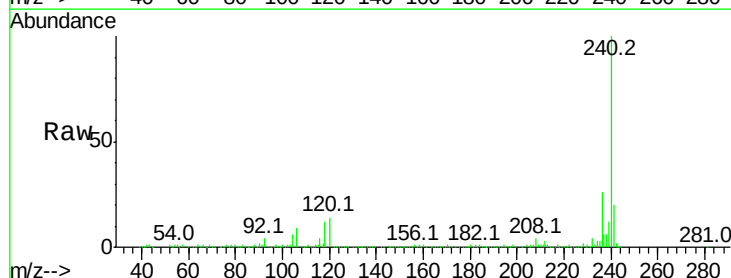
Instrument :
 BNA_F
 ClientSampleId :

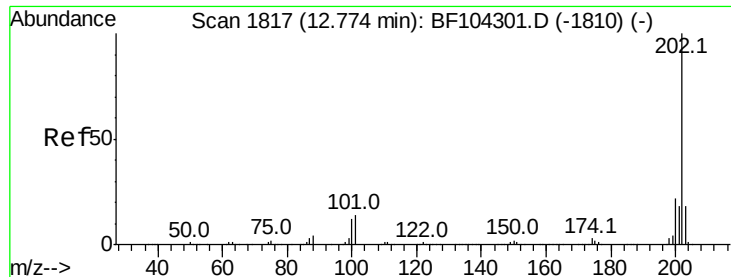
Tot Ion:202 Resp: 67290
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 34.1
 203 17.2 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF104364.D
 Acq: 9 Apr 2018 11:46

Tgt Ion:240 Resp: 292376
 Ion Ratio Lower Upper
 240 100
 120 14.3 9.5 14.3
 236 25.8 20.7 31.1





#77

Pvrene

Concen: 2.287 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF104364.D

Acq: 9 Apr 2018 11:46

Instrument :

BNA_F

ClientSampleId :

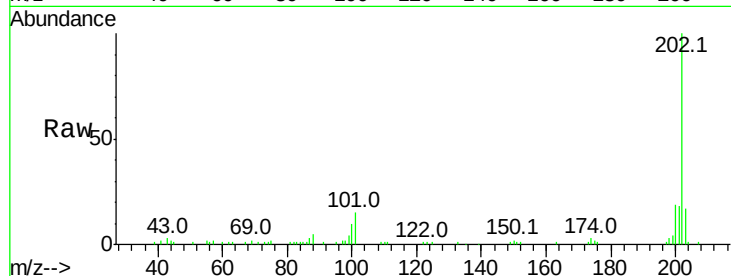
Tot Ion:202 Resp: 49556

Ion Ratio Lower Upper

202 100

200 19.4 17.4 26.2

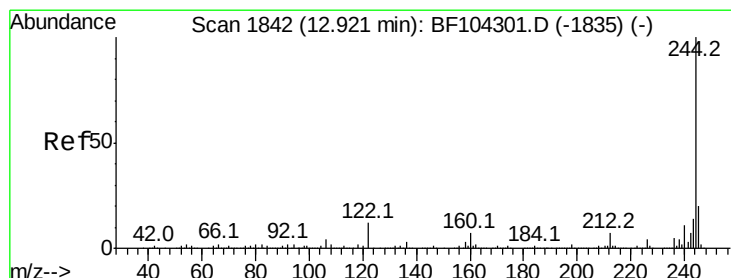
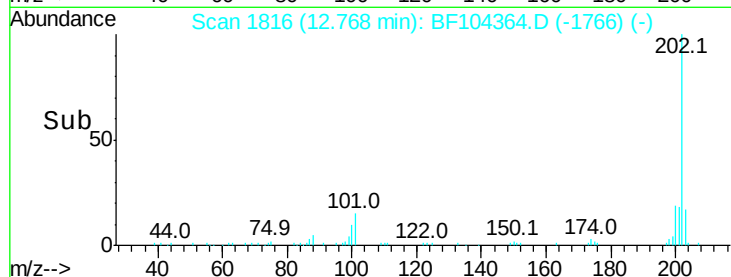
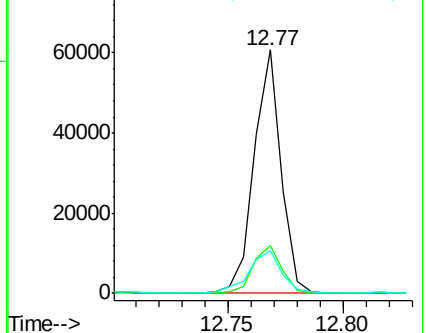
203 17.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.127 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104364.D

Acq: 9 Apr 2018 11:46

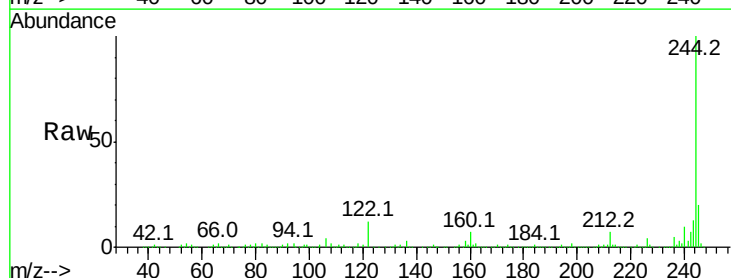
Tgt Ion:244 Resp: 1104530

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

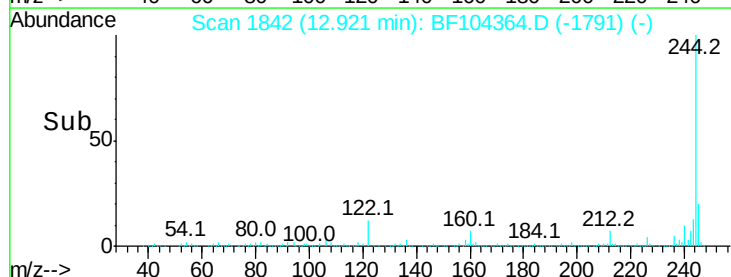
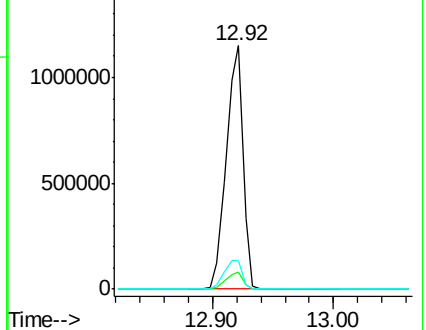
122 11.6 11.0 16.4

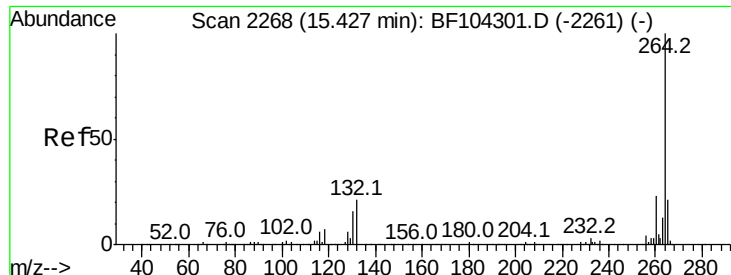


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

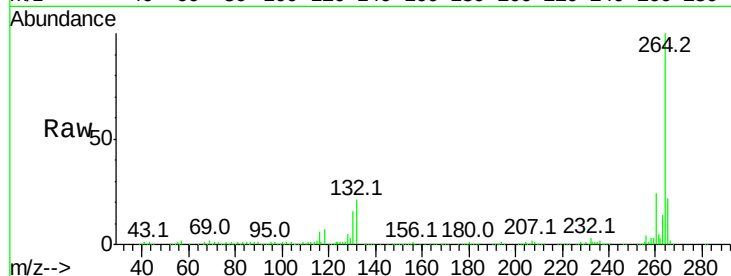




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF104364.D
 Acq: 9 Apr 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	17.5	26.3



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

