

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
 Data File : BF104426.D
 Acq On : 11 Apr 2018 9:32
 Operator : JU/SJ
 Sample : J2280-03RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2

Quant Time: Apr 11 11:53:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 12:04:31 2018
 Response via : Initial Calibration

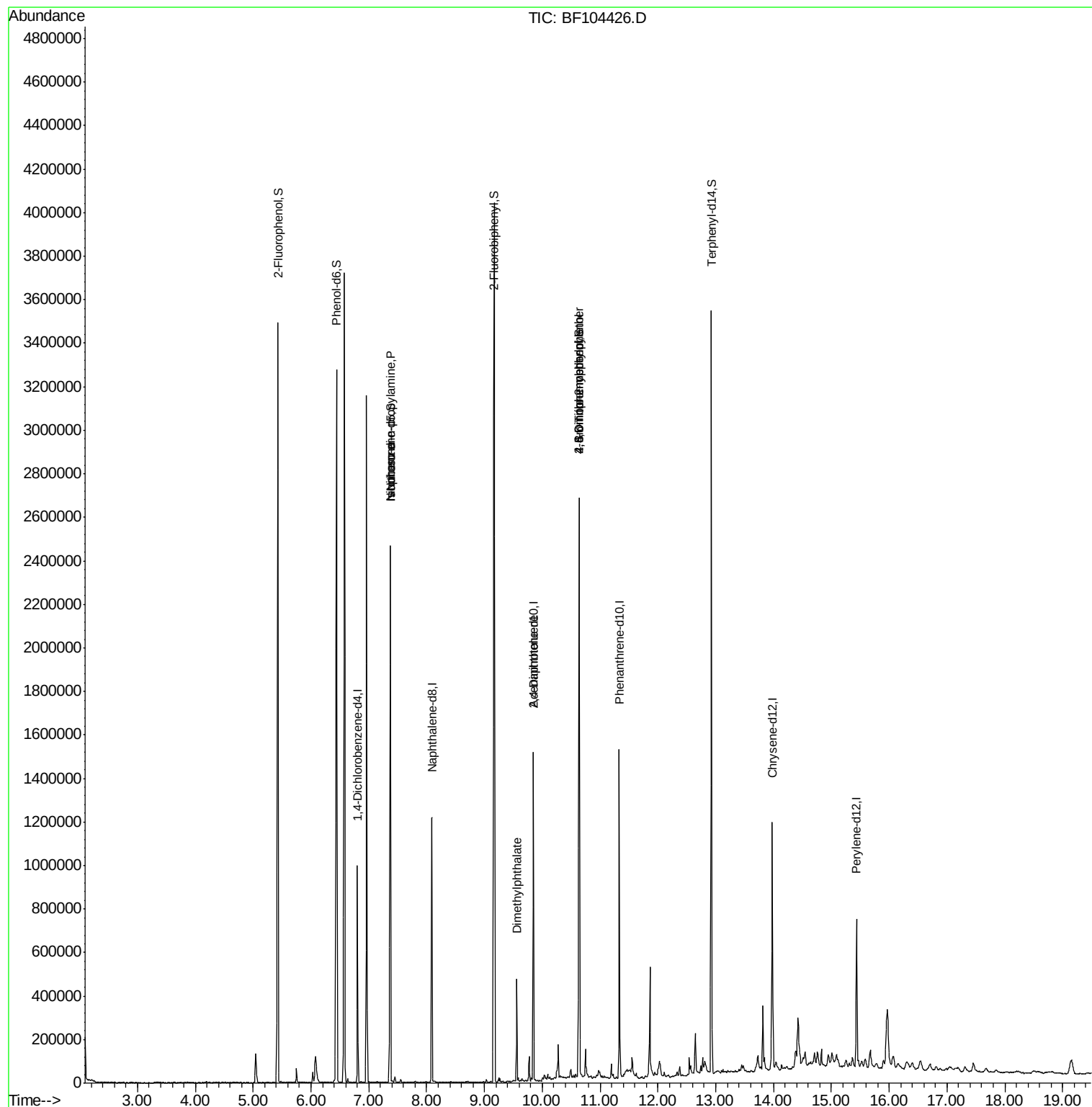
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	149194	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	610076	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	287145	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	522003	20.00	ng	0.00
75) Chrysene-d12	13.97	240	392195	20.00	ng	-0.01
86) Perylene-d12	15.44	264	301113	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1222763	125.32	ng	0.02
7) Phenol-d6	6.45	99	1529129	127.55	ng	0.00
23) Nitrobenzene-d5	7.37	82	964403	103.22	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	401201	134.69	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1460398	80.34	ng	0.00
78) Terphenyl-d14	12.93	244	1359062	79.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	2425	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	126336	16.127 ng	#	73
25) Isophorone	7.37	82	961996	48.692 ng	#	64
49) Dimethylphthalate	9.56	163	184361	8.142 ng	#	99
56) 2,4-Dinitrotoluene	9.85	165	36236	6.593 ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.64	198	818	7.620 ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	23543	4.240 ng	#	1
76) Benzidine	12.93	184	18121	Below Cal	#	94

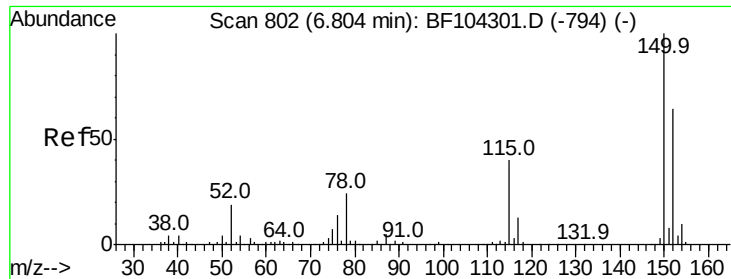
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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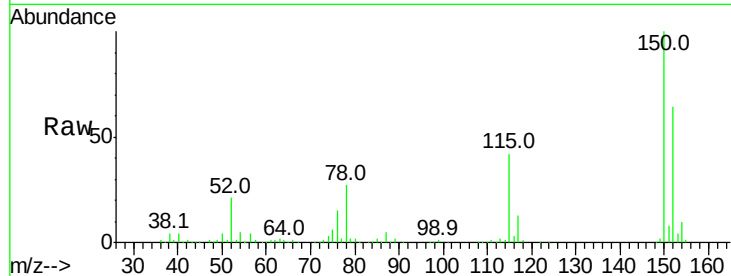


#1

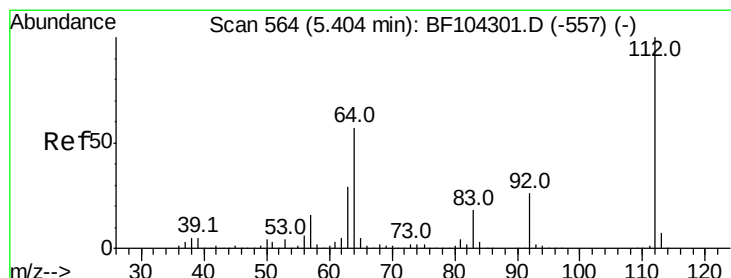
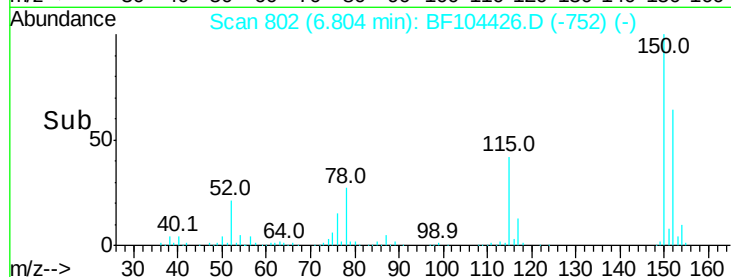
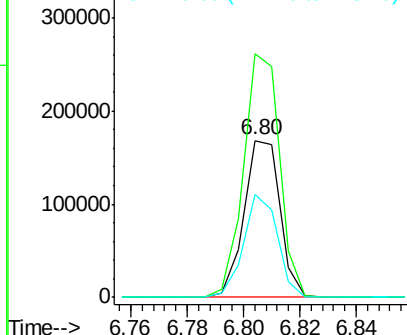
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF104426.D
Acq: 11 Apr 2018 9:32

Instrument :
BNA_F
ClientSampleId :
S2

Tot Ion:152 Resp: 149194
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 65.3 50.1 75.1



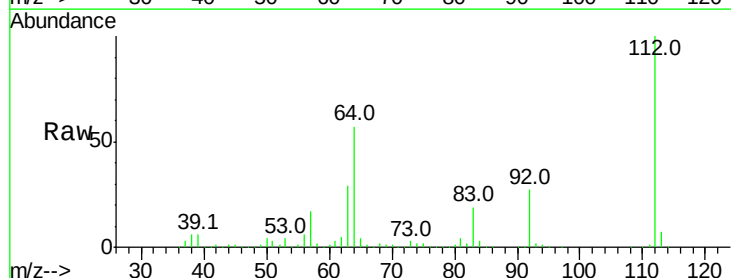
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



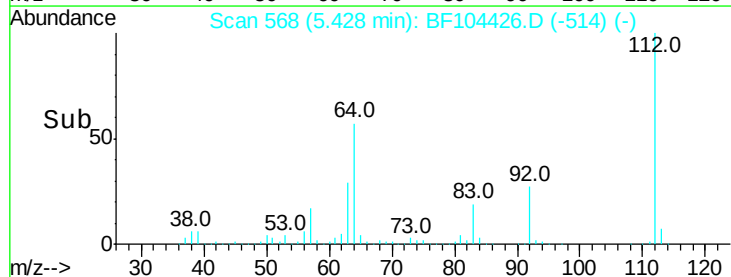
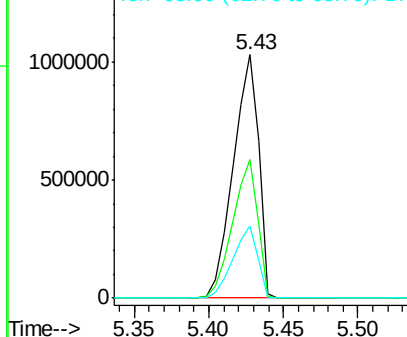
#5

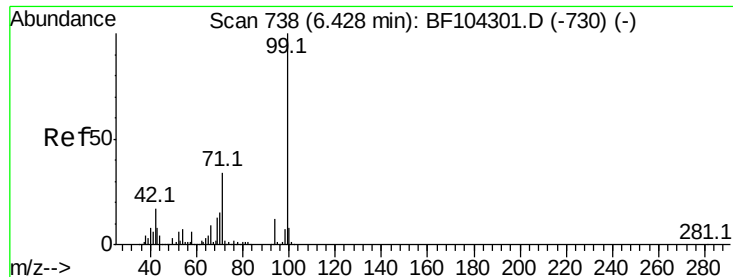
2-Fluorophenol
Concen: 125.318 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF104426.D
Acq: 11 Apr 2018 9:32

Tgt Ion:112 Resp: 1222763
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 29.5 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: 127.550 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104426.D

Acq: 11 Apr 2018 9:32

Instrument :

BNA_F

ClientSampleId :

S2

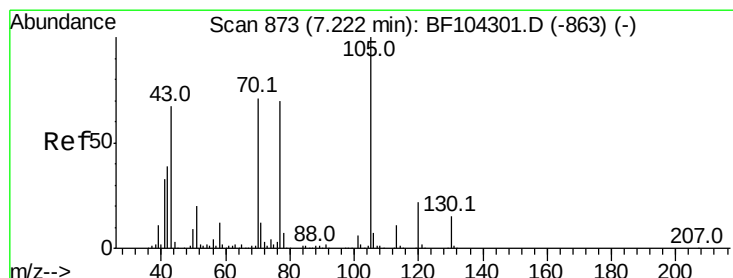
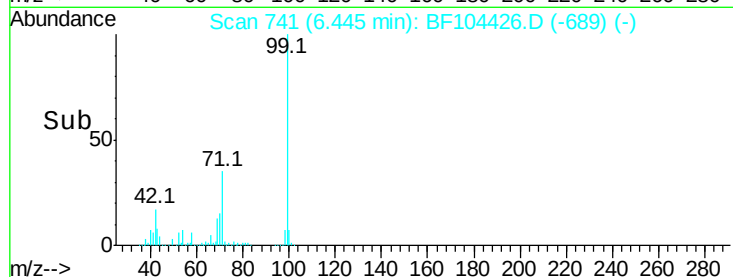
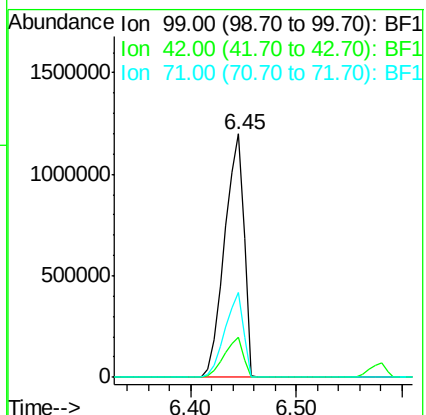
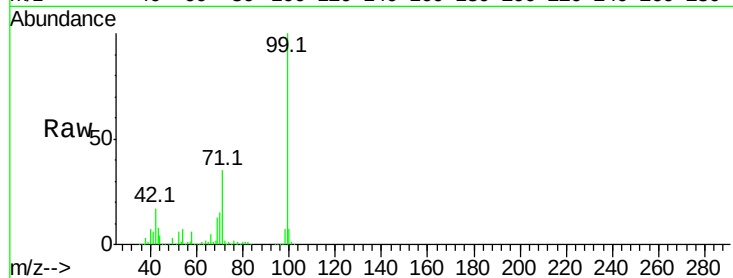
Tot Ion: 99 Resp: 1529129

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

71 34.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.127 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104426.D

Acq: 11 Apr 2018 9:32

Tgt Ion: 70 Resp: 126336

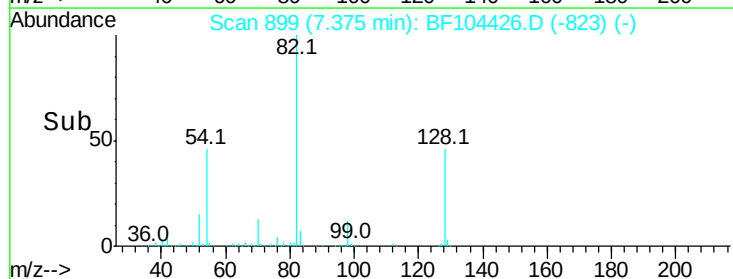
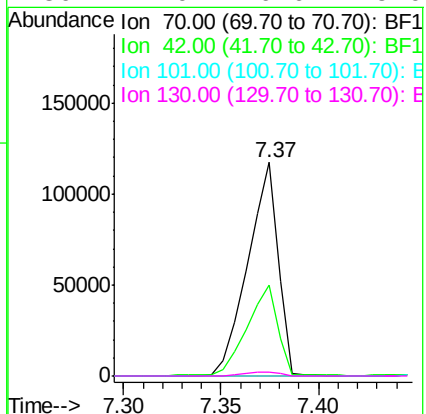
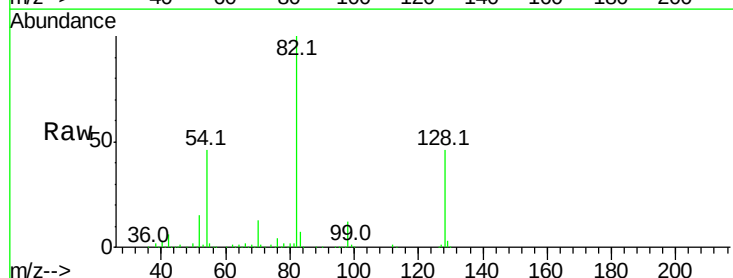
Ion Ratio Lower Upper

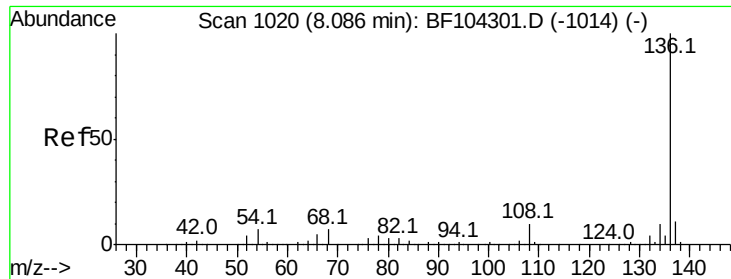
70 100

42 42.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

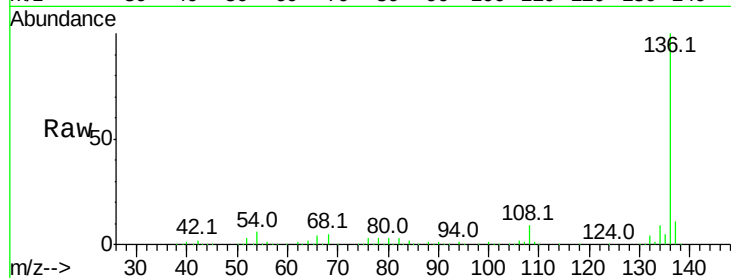




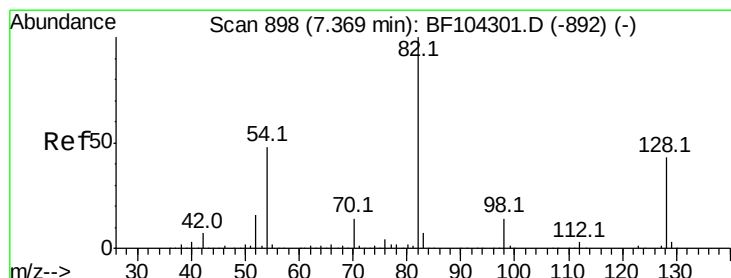
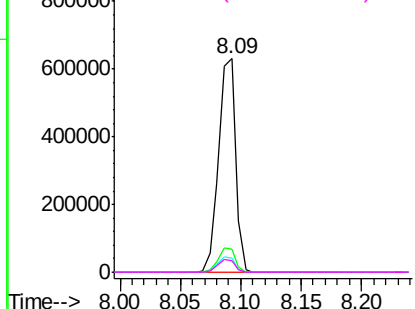
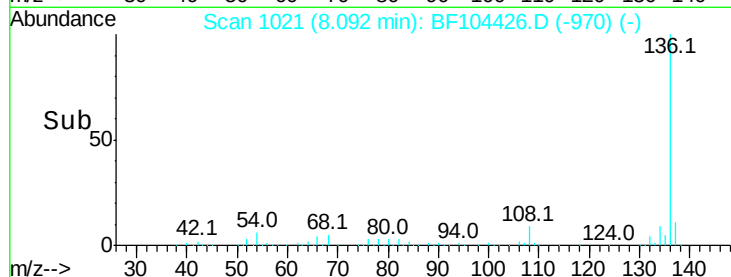
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104426.D
Acq: 11 Apr 2018 9:32

Instrument :
BNA_F
ClientSampled :
S2

Tot Ion:	136	Resp:	610076
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.4	6.6	9.8#
68	5.4	5.0	7.4

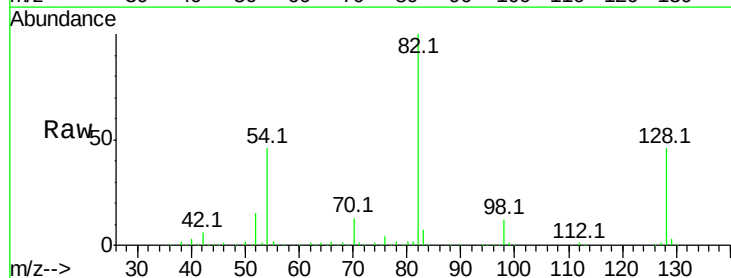


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

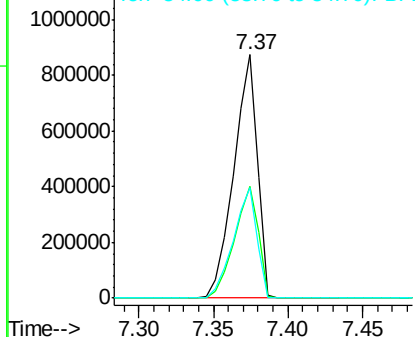
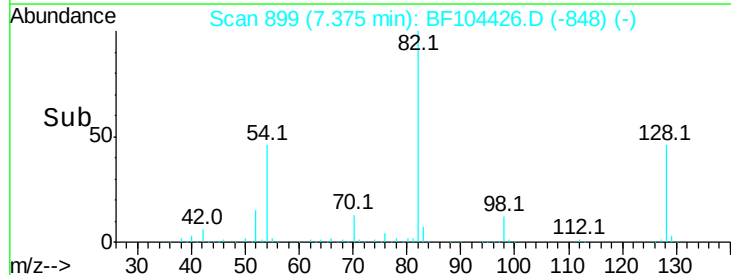


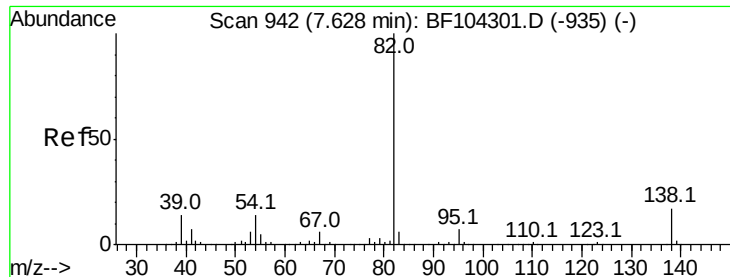
#23
Nitrobenzene-d5
Concen: 103.223 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF104426.D
Acq: 11 Apr 2018 9:32

Tgt Ion:	82	Resp:	964403
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	45.6	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.692 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF104426.D

Acq: 11 Apr 2018 9:32

Instrument :

BNA_F

ClientSampled :

S2

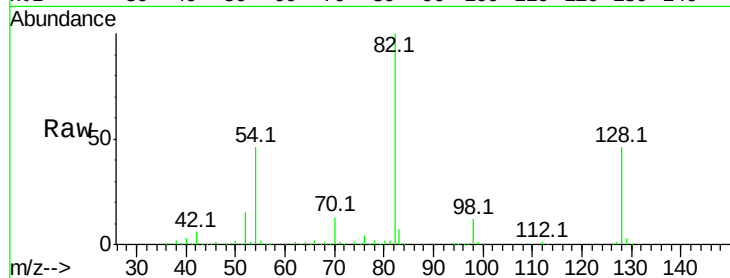
Tot Ion: 82 Resp: 961996

Ion Ratio Lower Upper

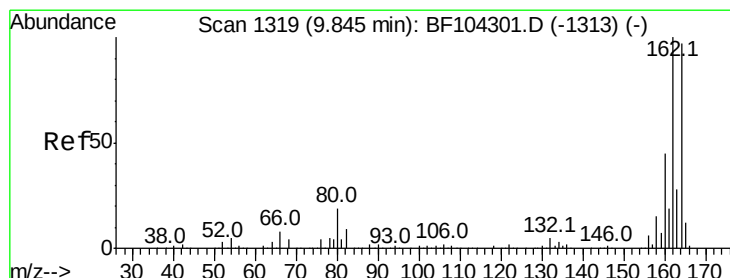
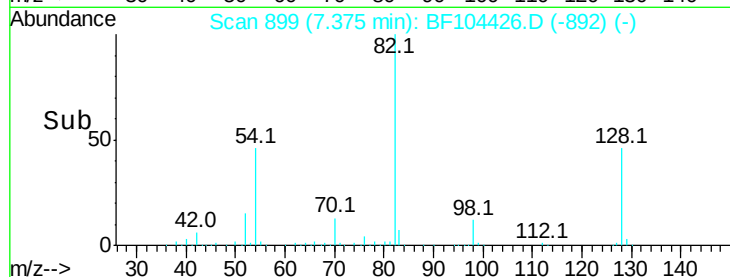
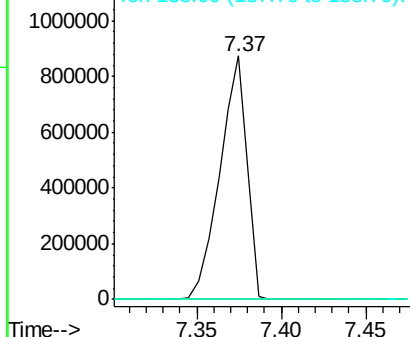
82 100

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: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF104426.D

Acq: 11 Apr 2018 9:32

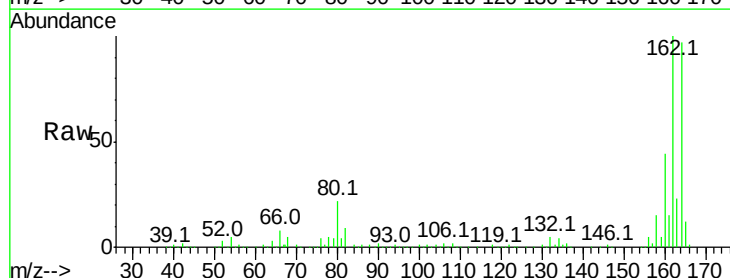
Tgt Ion:164 Resp: 287145

Ion Ratio Lower Upper

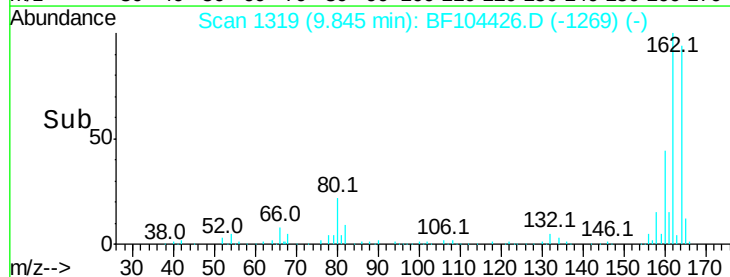
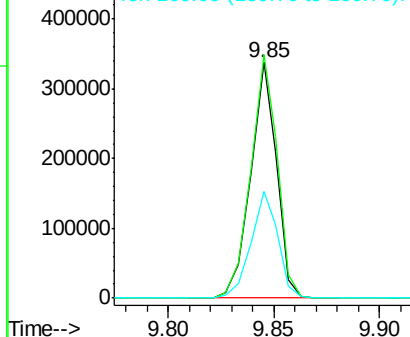
164 100

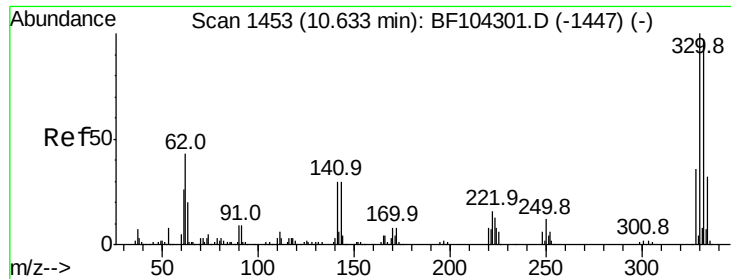
162 103.5 86.1 129.1

160 45.3 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

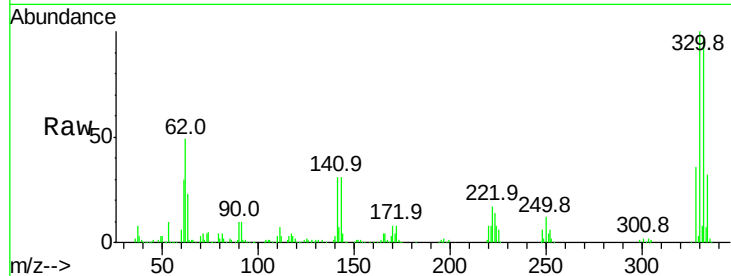




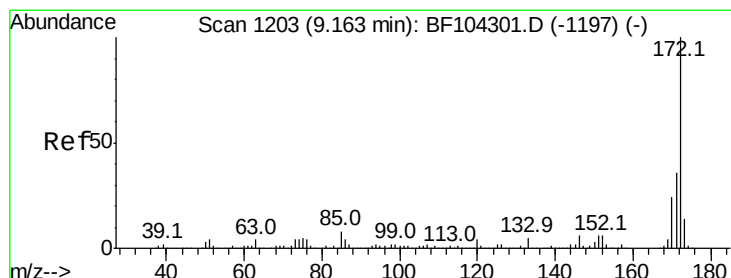
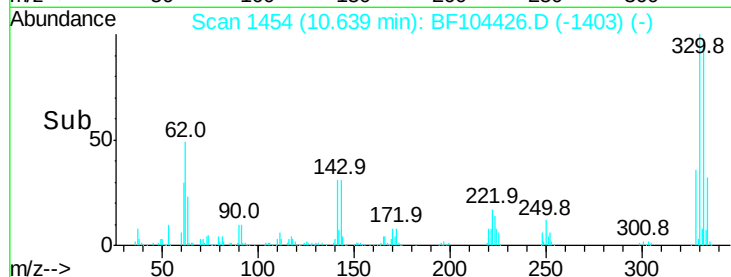
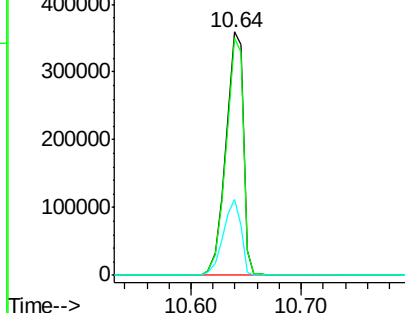
#41
 2,4,6-Tribromophenol
 Concen: 134.693 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104426.D
 Acq: 11 Apr 2018 9:32

Instrument :
 BNA_F
 ClientSampled :
 S2

Tot Ion:330 Resp: 401201
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 31.6 29.9 44.9

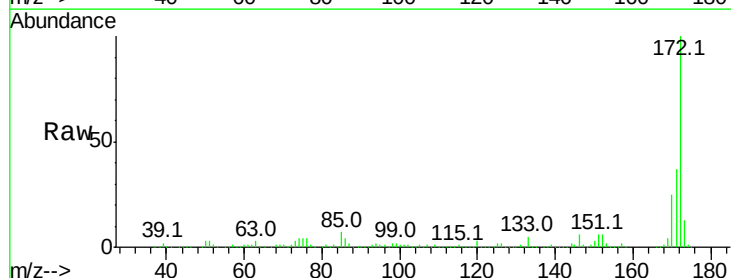


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

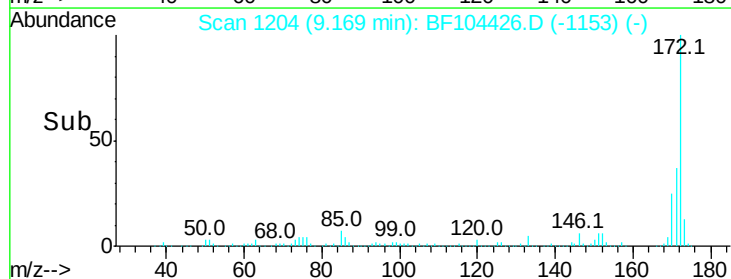
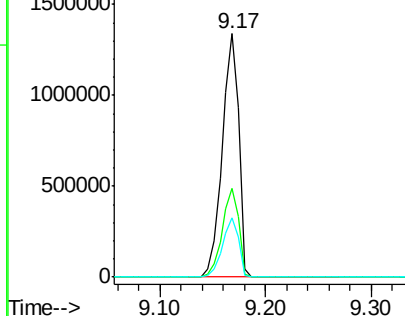


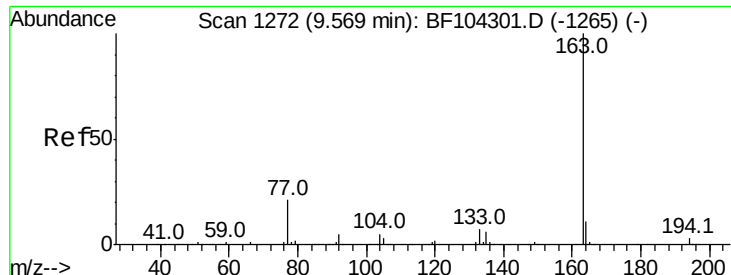
#44
 2-Fluorobiphenyl
 Concen: 80.345 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104426.D
 Acq: 11 Apr 2018 9:32

Tgt Ion:172 Resp: 1460398
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.6 19.6 29.4



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

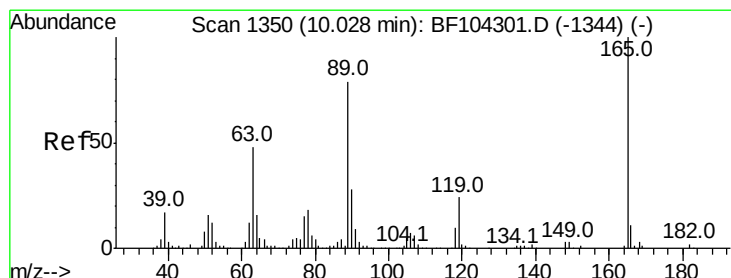
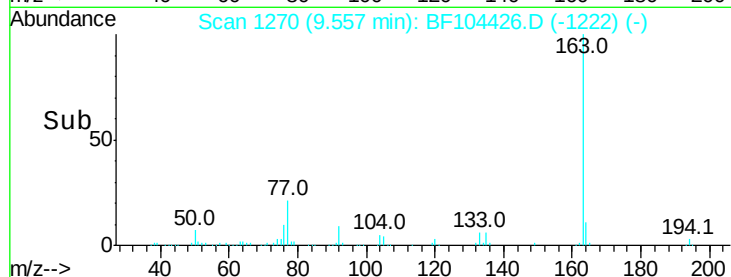
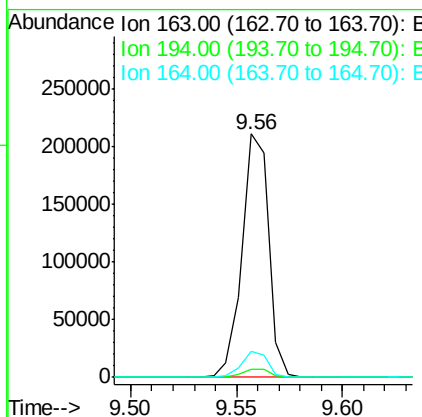
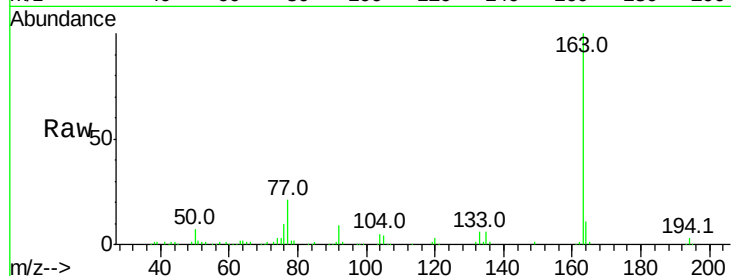




#49
 Dimethylphthalate
 Concen: 8.142 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF104426.D
 Acq: 11 Apr 2018 9:32

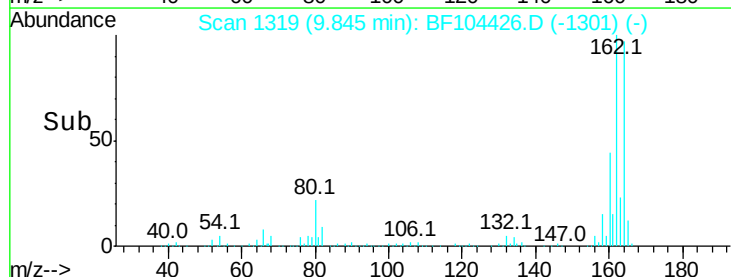
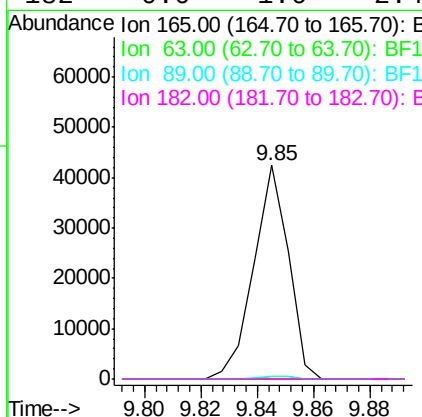
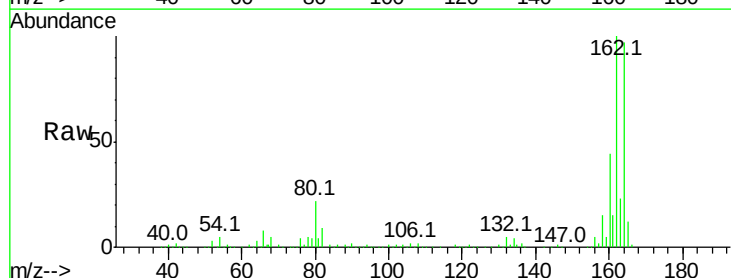
Instrument :
 BNA_F
 ClientSampled :
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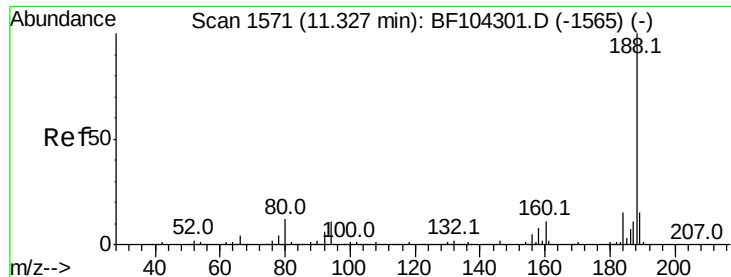
Tot Ion:163 Resp: 184361
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 10.6 8.2 12.2



#56
 2,4-Dinitrotoluene
 Concen: 6.593 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.19 min
 Lab File: BF104426.D
 Acq: 11 Apr 2018 9:32

Tgt Ion:165 Resp: 36236
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#

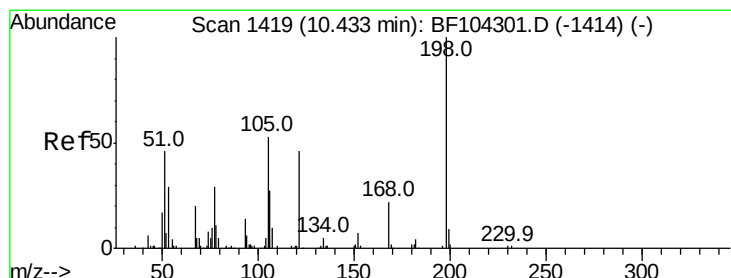
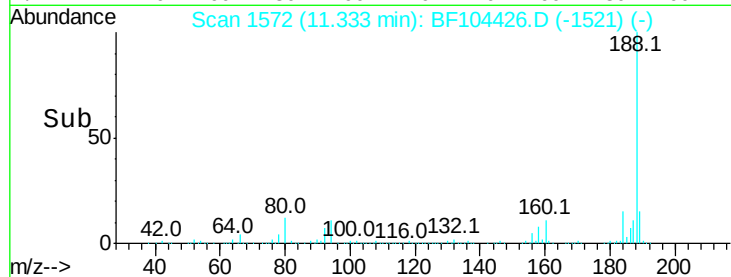
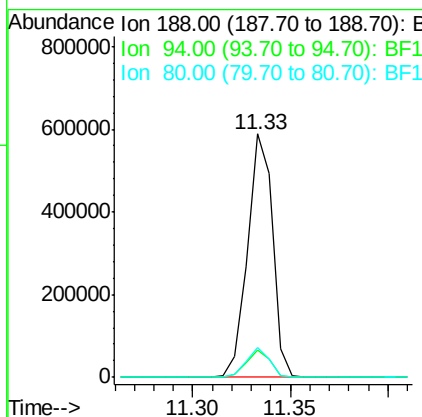
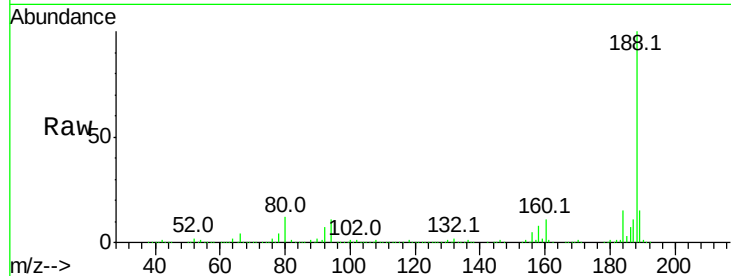




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF104426.D
 Acq: 11 Apr 2018 9:32

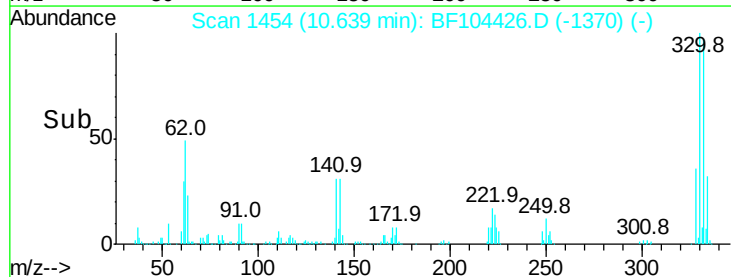
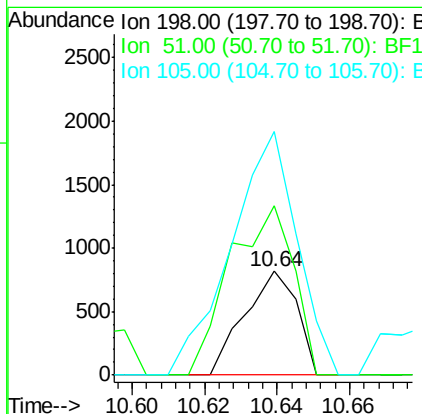
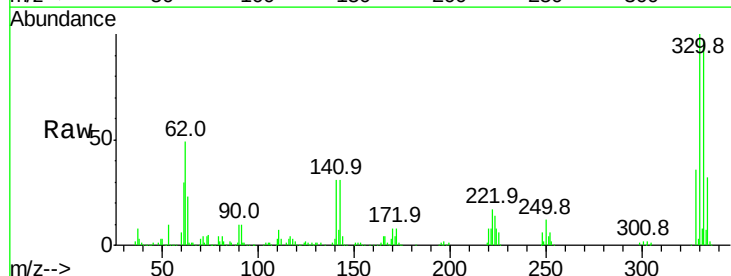
Instrument :
 BNA_F
 ClientSampleId :
 S2

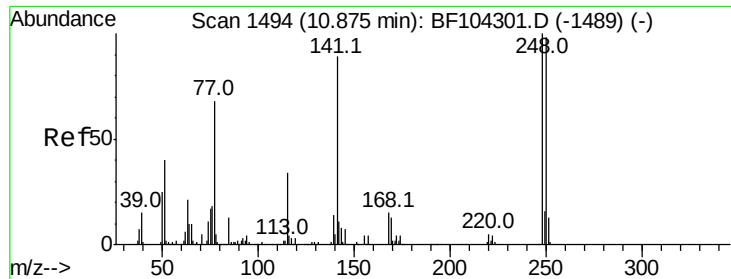
Tot Ion:188 Resp: 522003
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.5 12.7
 80 12.2 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.620 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF104426.D
 Acq: 11 Apr 2018 9:32

Tgt Ion:198 Resp: 818
 Ion Ratio Lower Upper
 198 100
 51 162.6 37.7 77.7#
 105 234.5 36.3 76.3#

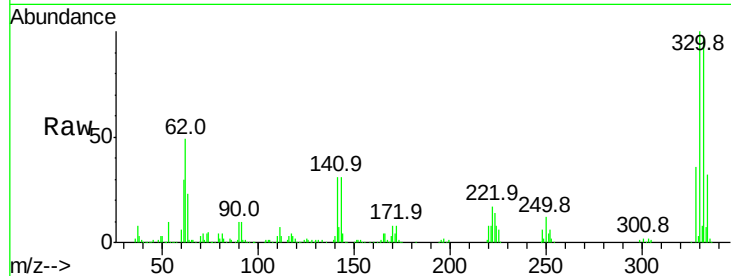




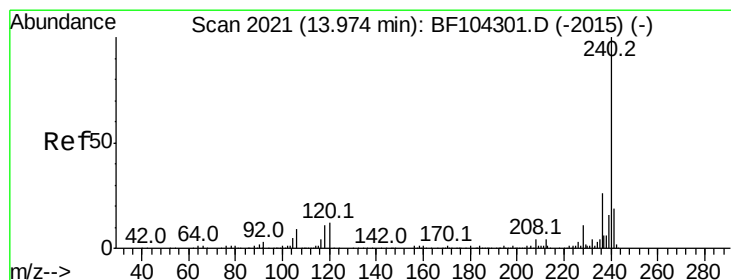
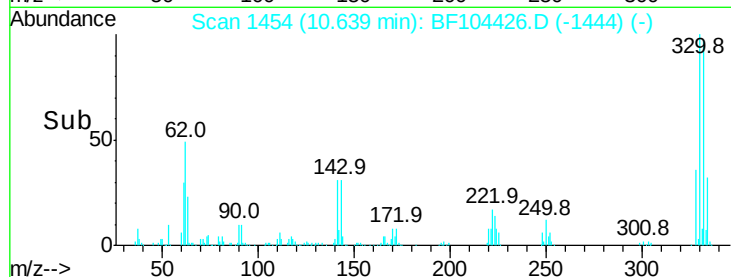
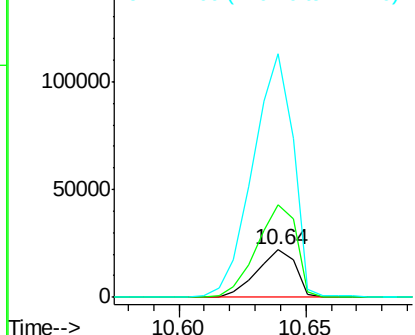
#66
4-Bromophenyl-phenylether
Concen: 4.240 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF104426.D
Acq: 11 Apr 2018 9:32

Instrument :
BNA_F
ClientSampleId :
S2

Tot Ion:248 Resp: 23543
Ion Ratio Lower Upper
248 100
250 195.8 76.9 115.3#
141 515.7 74.4 111.6#

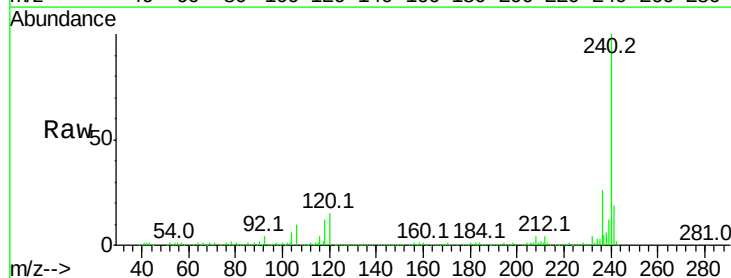


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

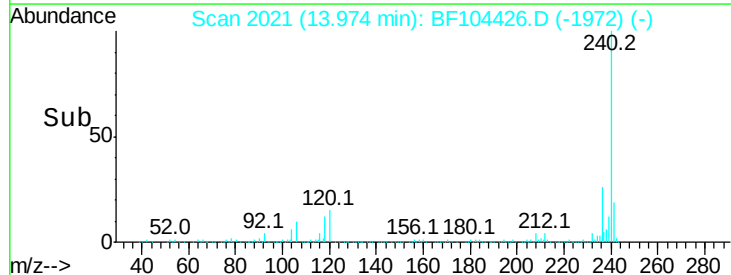
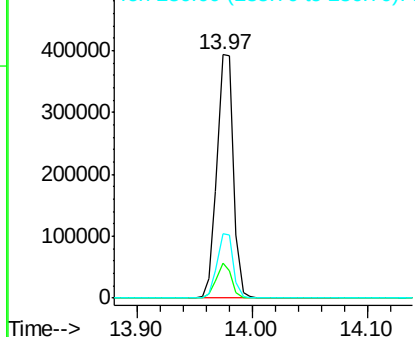


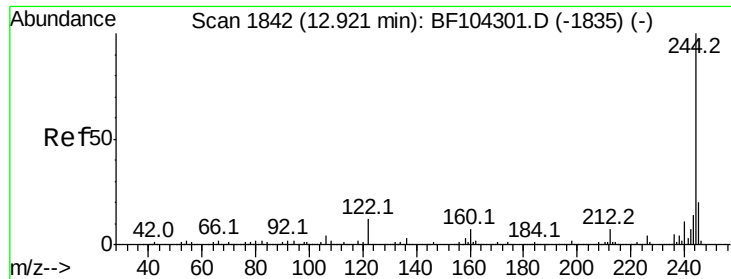
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104426.D
Acq: 11 Apr 2018 9:32

Tgt Ion:240 Resp: 392195
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 26.3 20.7 31.1



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



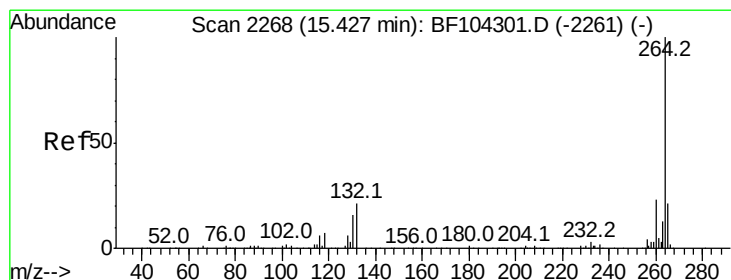
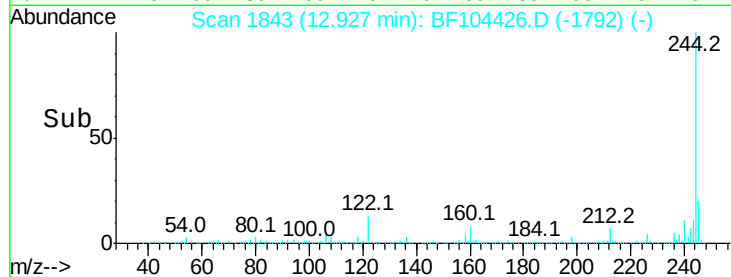
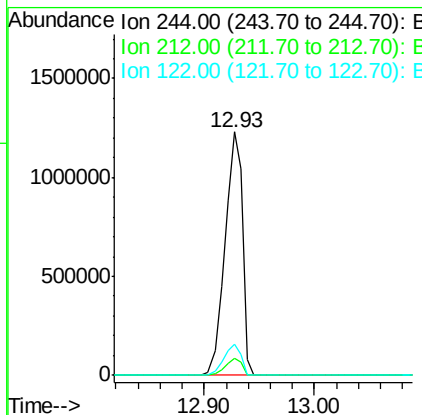
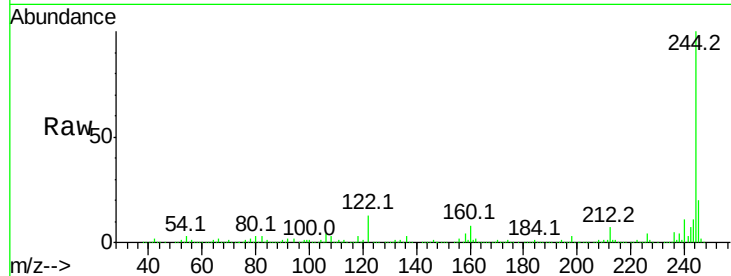


#78
 Terphenyl-d14
 Concen: 79.002 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: BF104426.D
 Acq: 11 Apr 2018 9:32

Instrument :
 BNA_F
 ClientSampleId :
 S2

Tot Ion:244 Resp: 1359062

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.6	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF104426.D
 Acq: 11 Apr 2018 9:32

Tgt Ion:264 Resp: 301113

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.1	17.5	26.3

