

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104729.D
 Acq On : 24 Apr 2018 2:07
 Operator : JU/SJ
 Sample : J2494-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 05:24:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

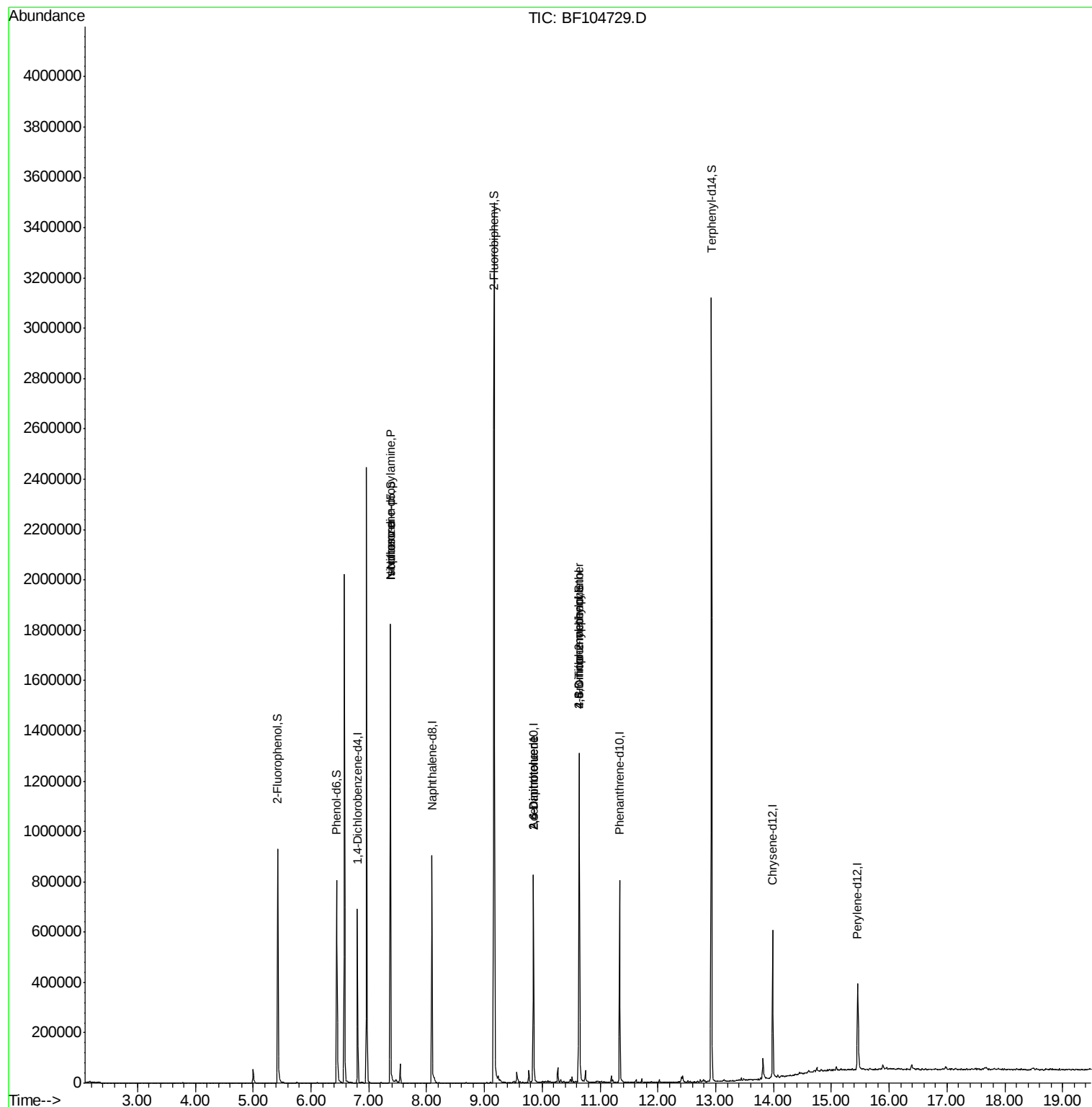
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	104260	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	413438	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	173390	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	296727	20.00	ng	0.00
75) Chrysene-d12	13.99	240	212181	20.00	ng	0.00
86) Perylene-d12	15.46	264	154167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	315087	46.21	ng	0.01
7) Phenol-d6	6.45	99	239673	28.61	ng	0.00
23) Nitrobenzene-d5	7.37	82	608940	96.18	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	171396	95.29	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1104349	100.62	ng	0.00
78) Terphenyl-d14	12.93	244	1095267	117.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	79207	14.468	ng	# 73
25) Isophorone	7.37	82	608931	45.480	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	21263	8.404	ng	# 24
56) 2,4-Dinitrotoluene	9.85	165	21263	6.407	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.64	198	122	7.419	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	9997	3.167	ng	# 1
76) Benzidine	12.93	184	14117	Below Cal		# 94

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

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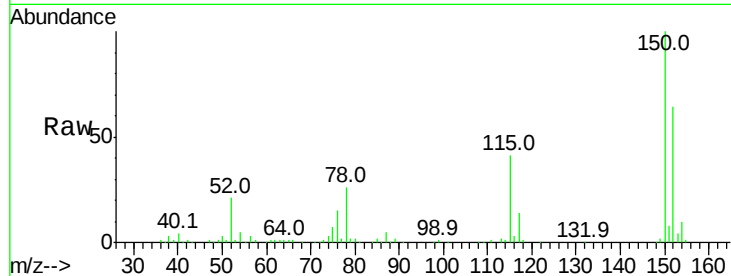


#1

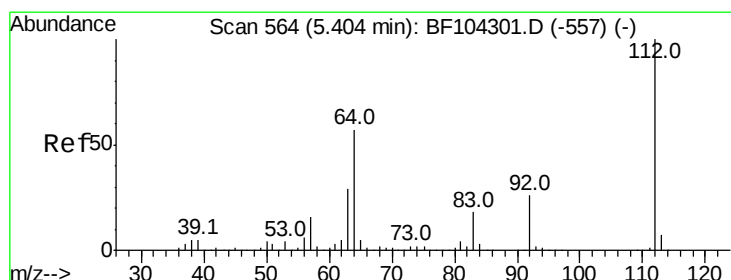
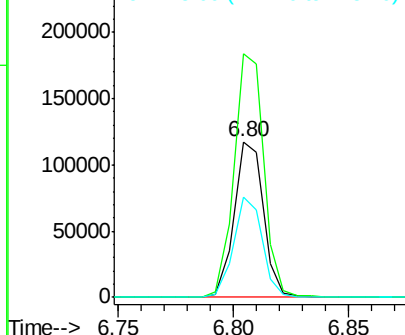
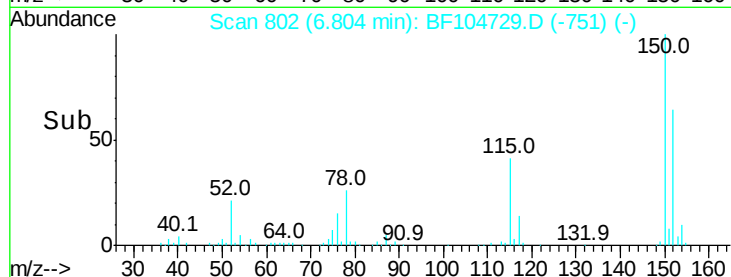
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104729.D
Acq: 24 Apr 2018 2:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 104260
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 64.0 50.1 75.1



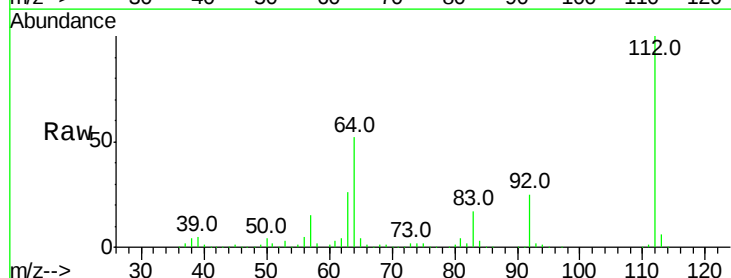
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



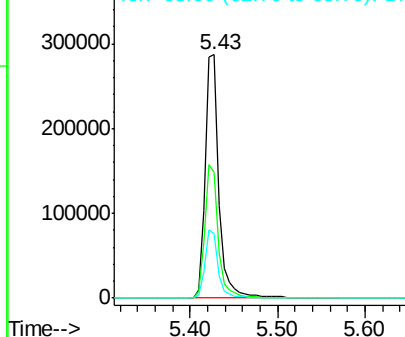
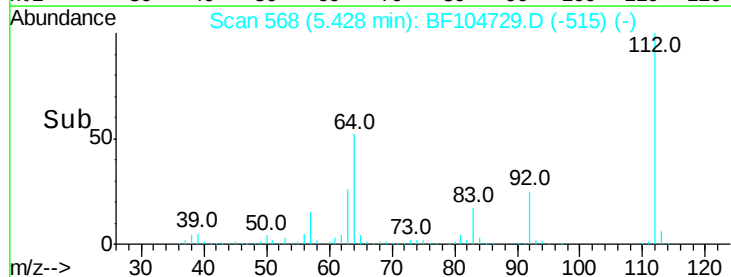
#5

2-Fluorophenol
Concen: 46.210 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104729.D
Acq: 24 Apr 2018 2:07

Tgt Ion:112 Resp: 315087
Ion Ratio Lower Upper
112 100
64 51.8 47.9 71.9
63 26.4 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: 28.608 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104729.D

Acq: 24 Apr 2018 2:07

Instrument :

BNA_F

ClientSampleId :

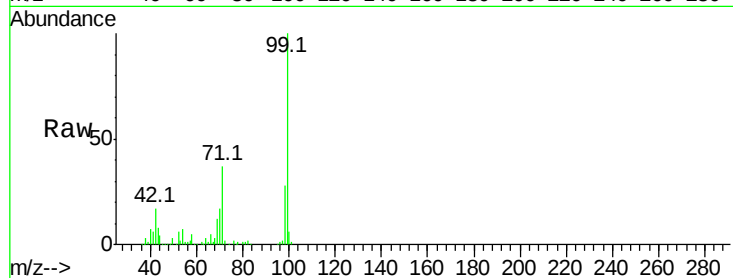
Tot Ion: 99 Resp: 239673

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

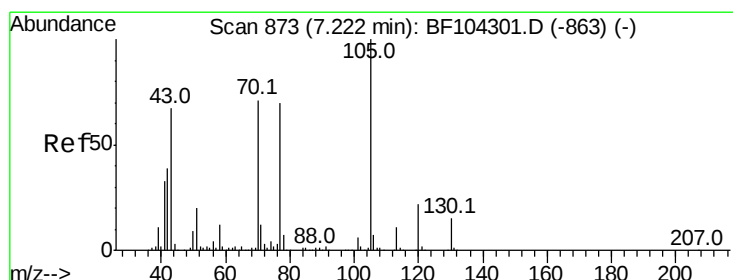
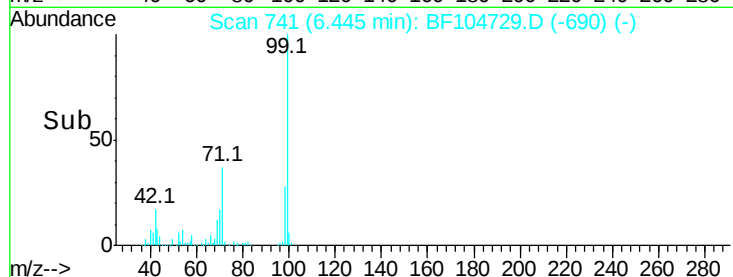
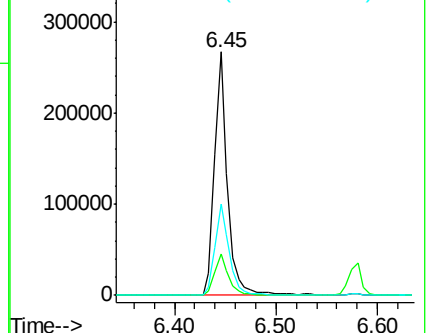
71 37.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.468 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104729.D

Acq: 24 Apr 2018 2:07

Tgt Ion: 70 Resp: 79207

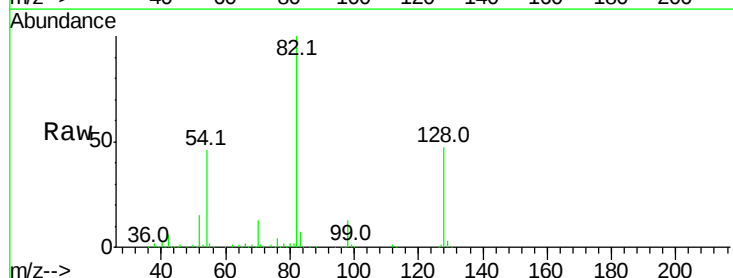
Ion Ratio Lower Upper

70 100

42 41.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

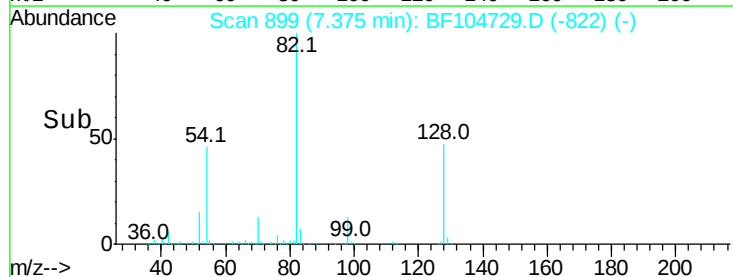
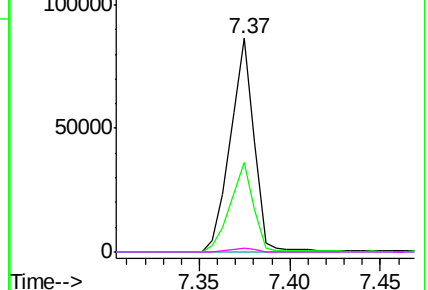


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

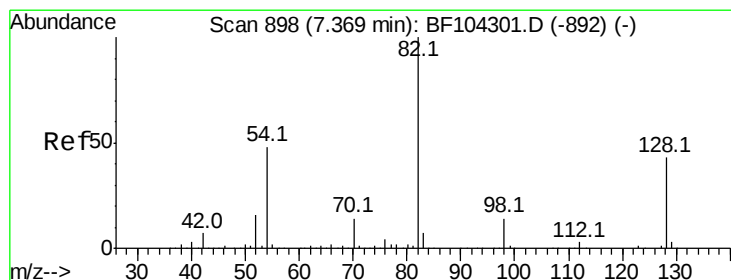
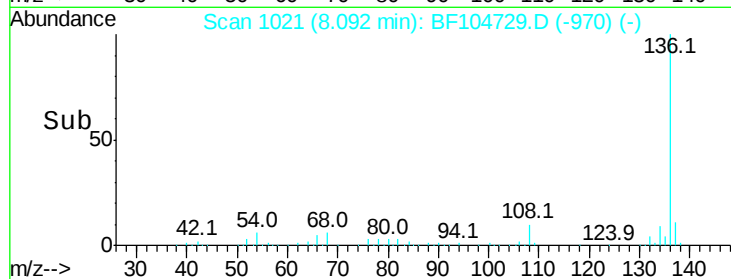
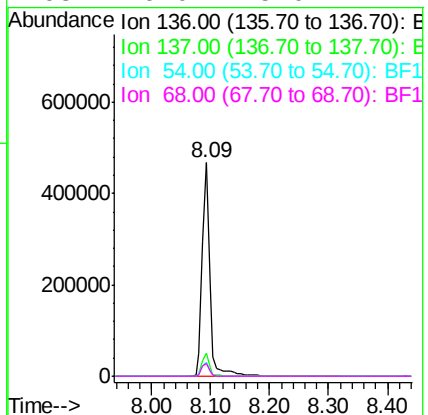
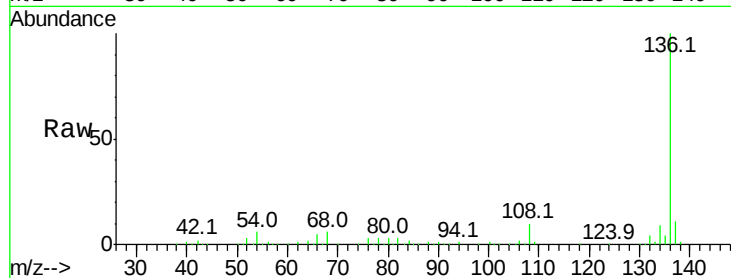




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104729.D
Acq: 24 Apr 2018 2:07

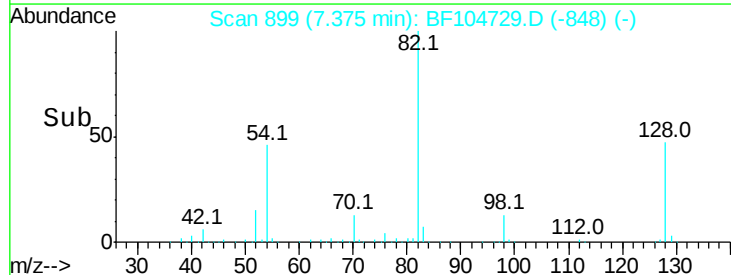
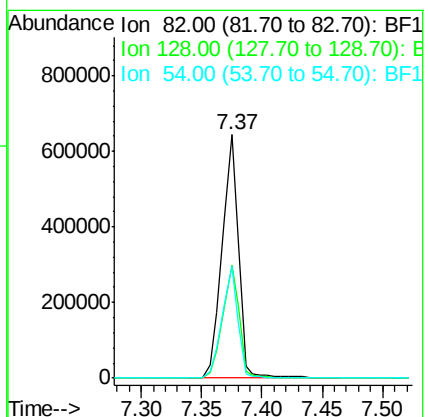
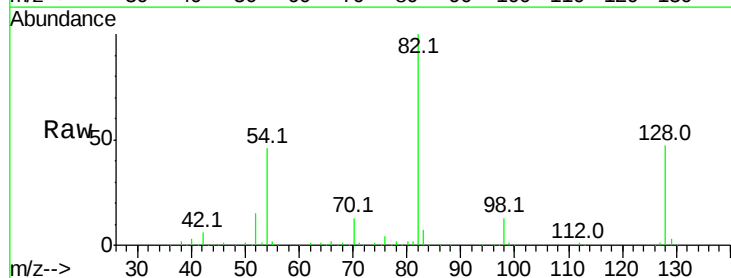
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	413438
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.3	6.6	9.8#
68	6.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 96.175 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104729.D
Acq: 24 Apr 2018 2:07

Tgt Ion:	82	Resp:	608940
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	45.7	41.4	62.2





#25

Isophorone

Concen: 45.480 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.25 min

Lab File: BF104729.D

Acq: 24 Apr 2018 2:07

Instrument :

BNA_F

ClientSampleId :

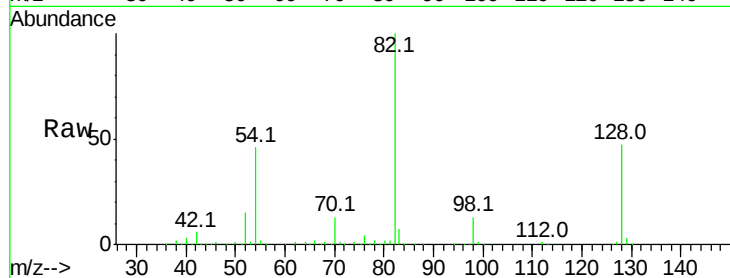
Tot Ion: 82 Resp: 608931

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

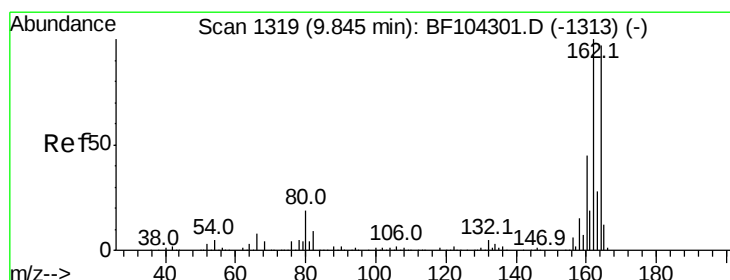
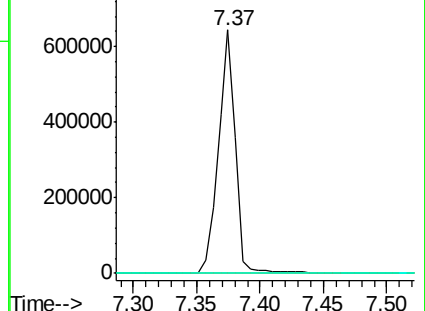
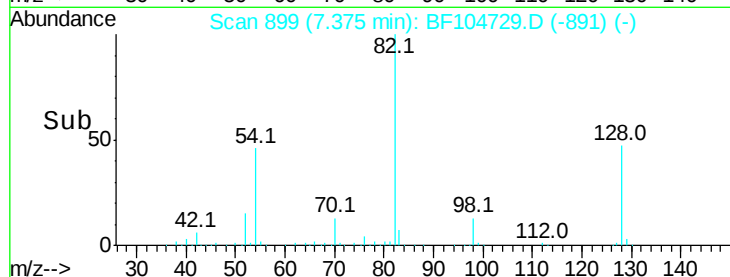
138 0.0 14.9 22.3#



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. -0.00 min

Lab File: BF104729.D

Acq: 24 Apr 2018 2:07

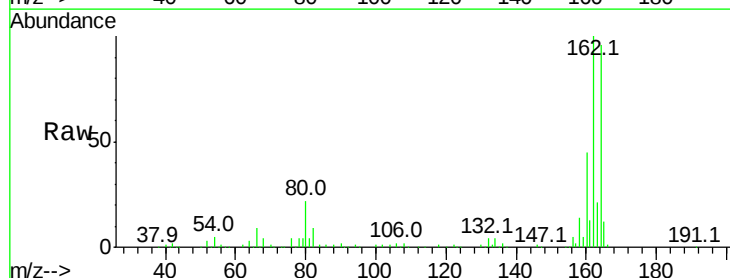
Tgt Ion:164 Resp: 173390

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

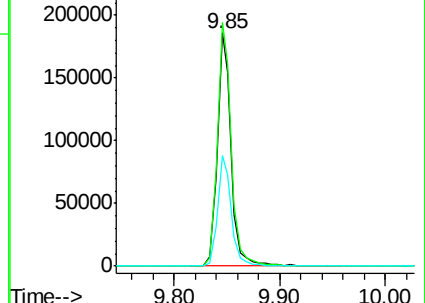
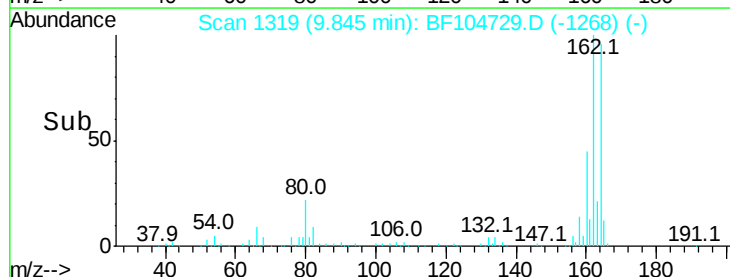
160 47.5 38.3 57.5



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

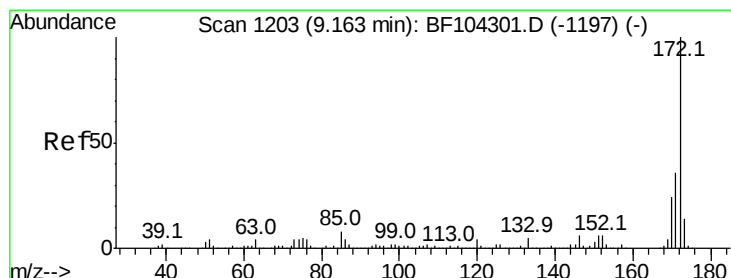
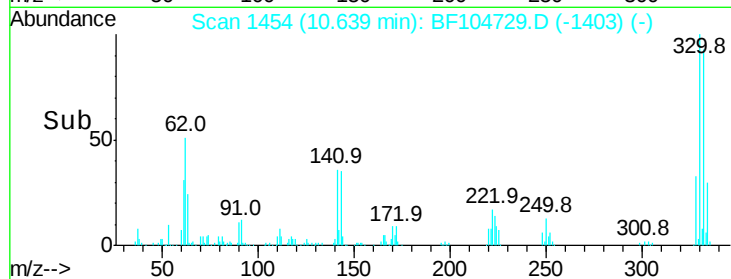
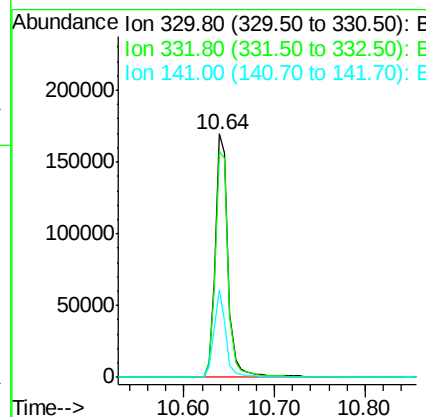
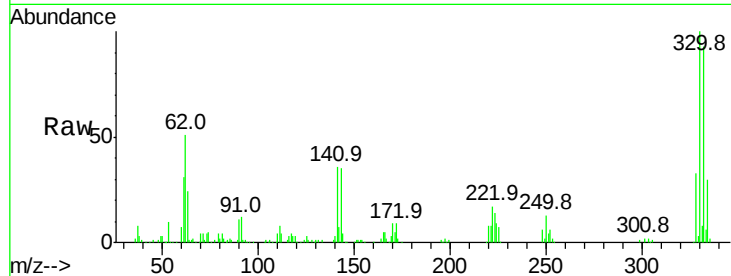




#41
 2,4,6-Tribromophenol
 Concen: 95.293 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104729.D
 Acq: 24 Apr 2018 2:07

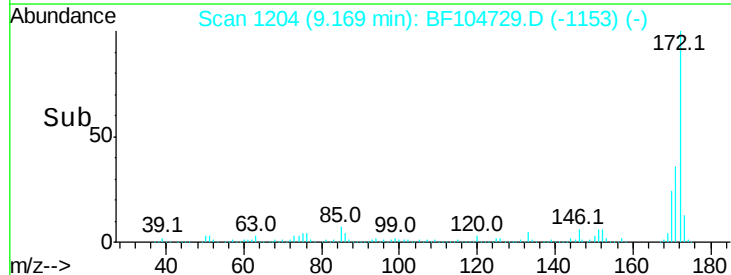
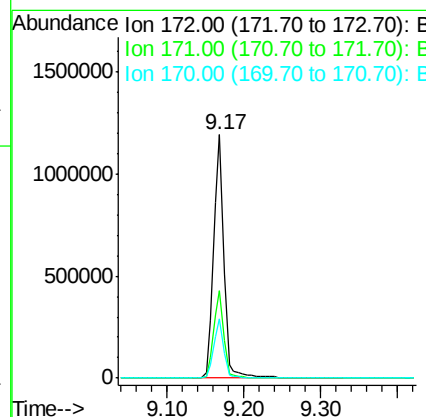
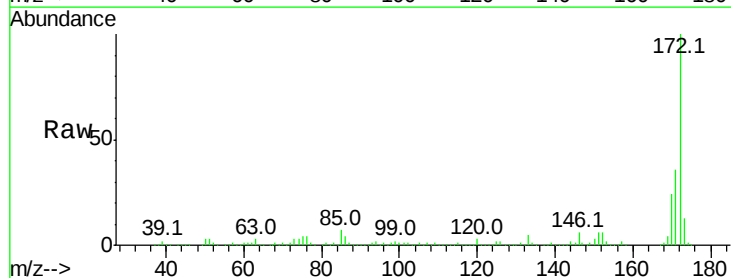
Instrument :
 BNA_F
 ClientSampled :

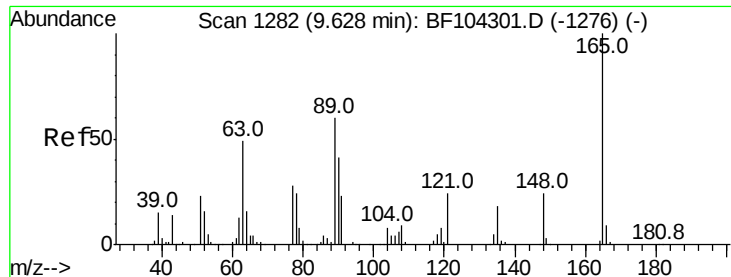
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	33.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 100.617 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104729.D
 Acq: 24 Apr 2018 2:07

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

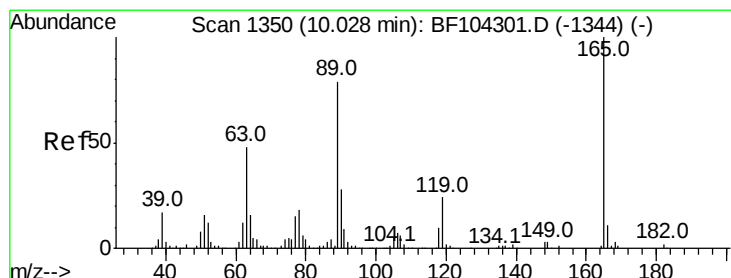
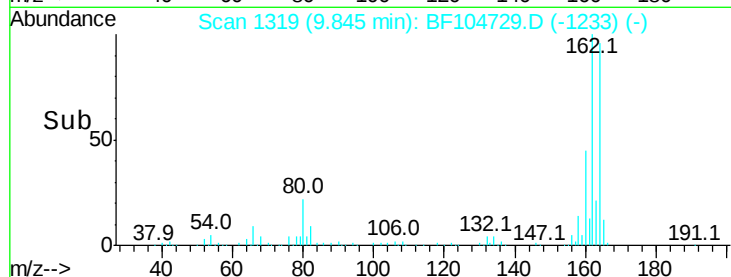
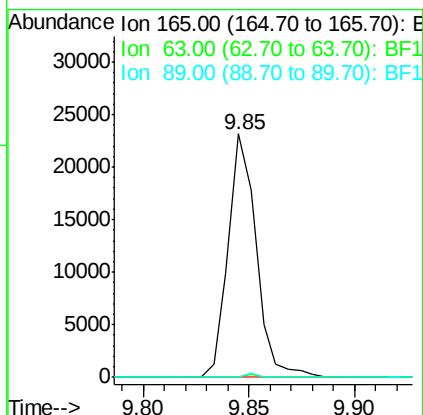
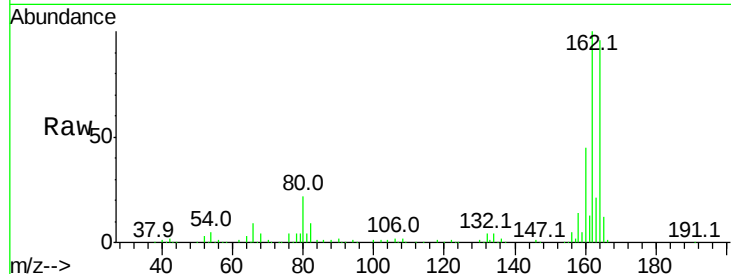




#50
 2,6-Dinitrotoluene
 Concen: 8.404 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF104729.D
 Acq: 24 Apr 2018 2:07

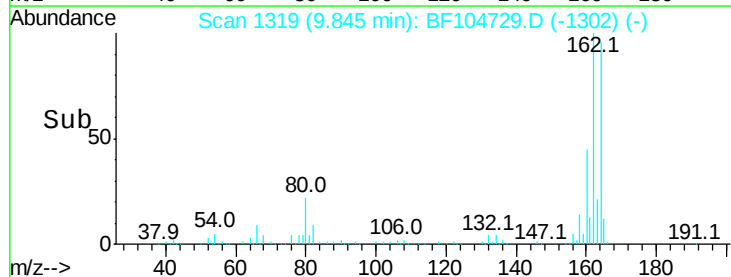
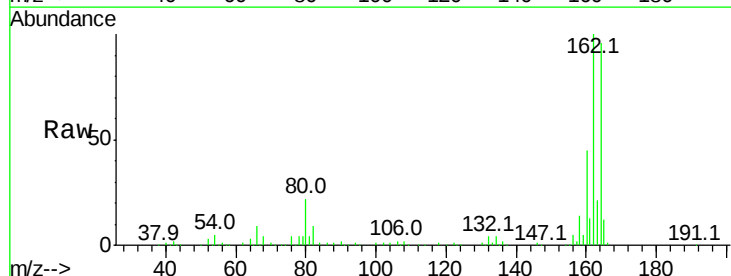
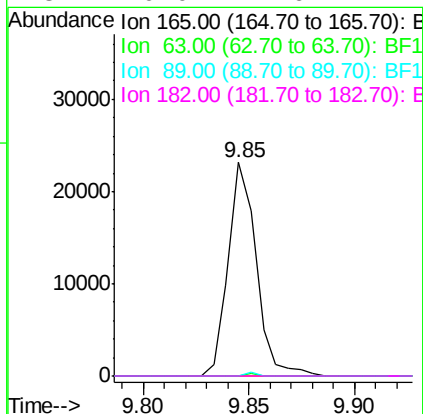
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.407 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF104729.D
 Acq: 24 Apr 2018 2:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

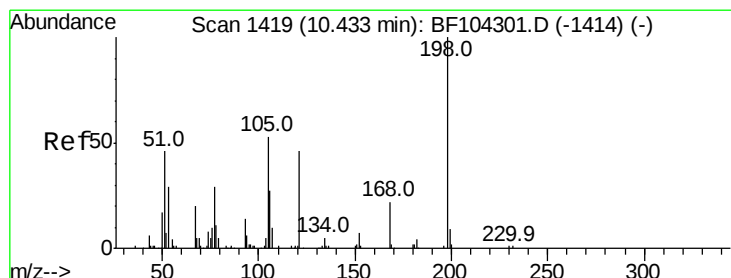
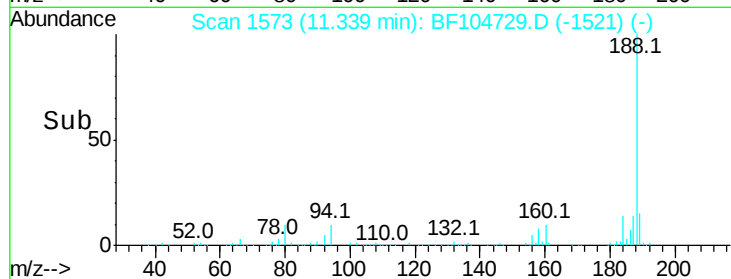
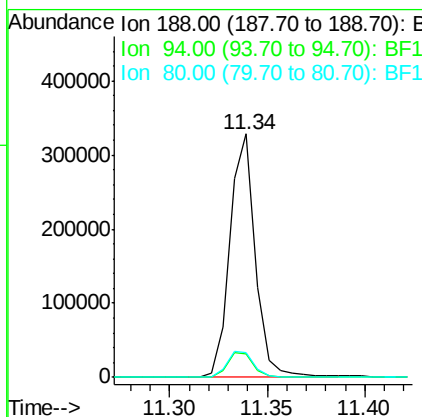
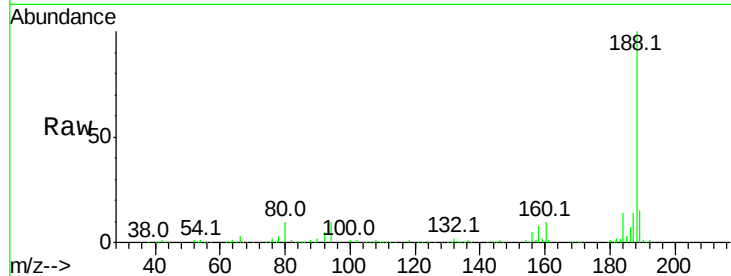




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104729.D
Acq: 24 Apr 2018 2:07

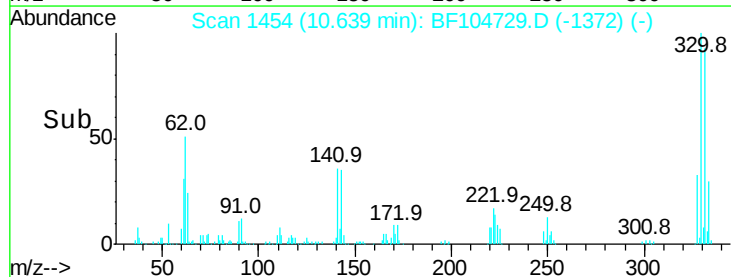
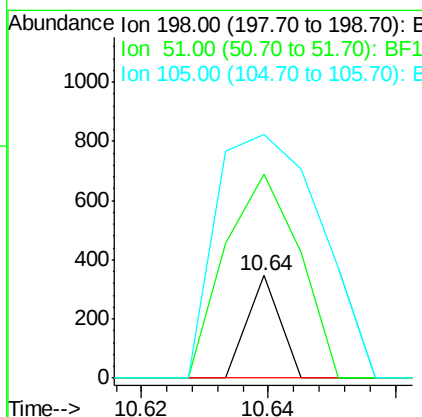
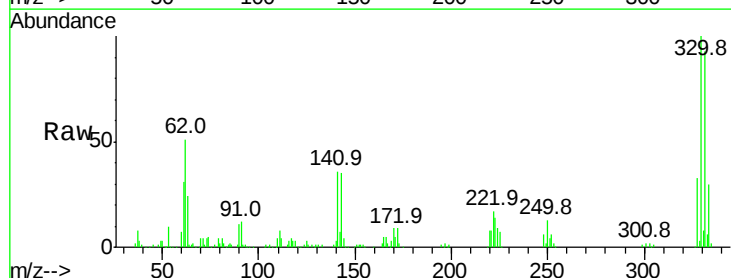
Instrument :
BNA_F
ClientSampleId :

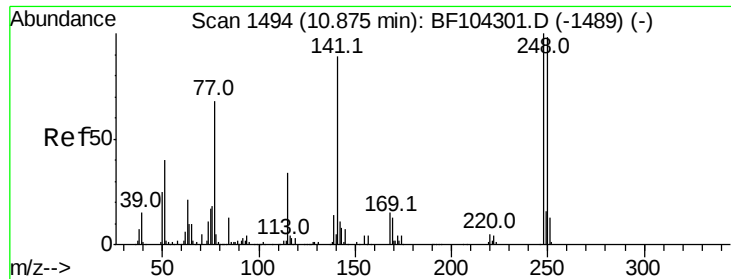
Tot Ion:188 Resp: 296727
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.419 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF104729.D
Acq: 24 Apr 2018 2:07

Tgt Ion:198 Resp: 122
Ion Ratio Lower Upper
198 100
51 199.4 37.7 77.7#
105 237.9 36.3 76.3#

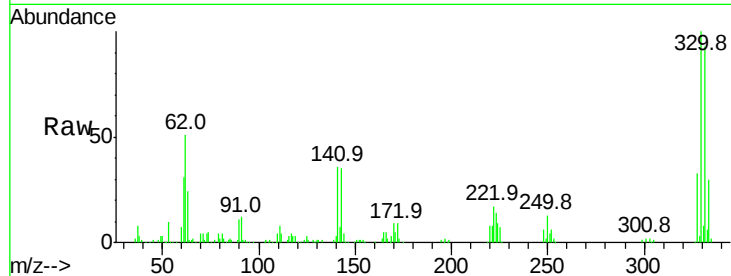




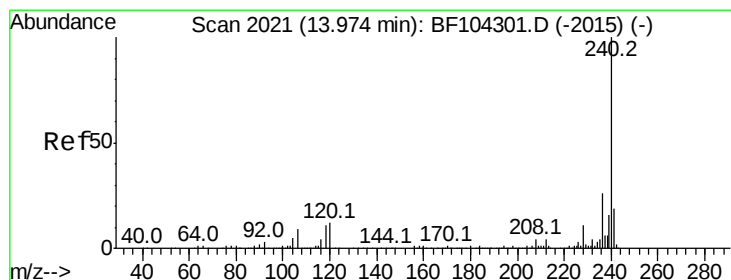
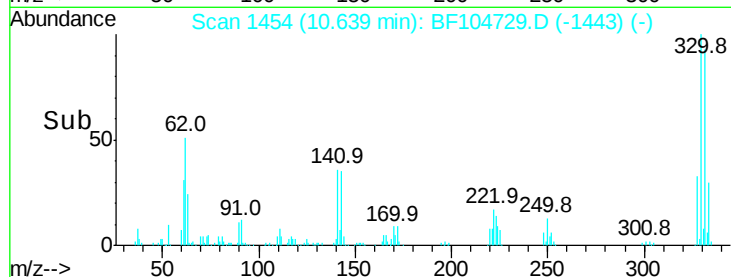
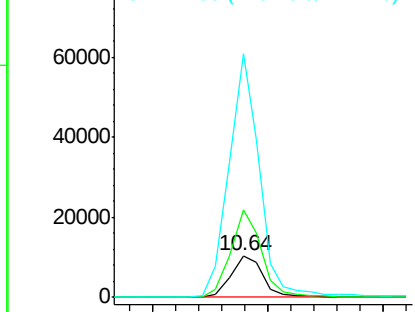
#66
 4-Bromophenyl-phenylether
 Concen: 3.167 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF104729.D
 Acq: 24 Apr 2018 2:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9997
 Ion Ratio Lower Upper
 248 100
 250 209.1 76.9 115.3#
 141 586.1 74.4 111.6#

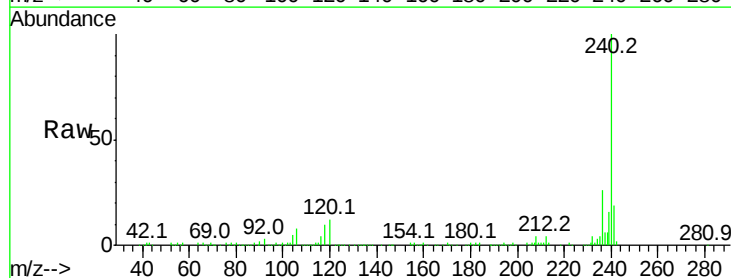


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

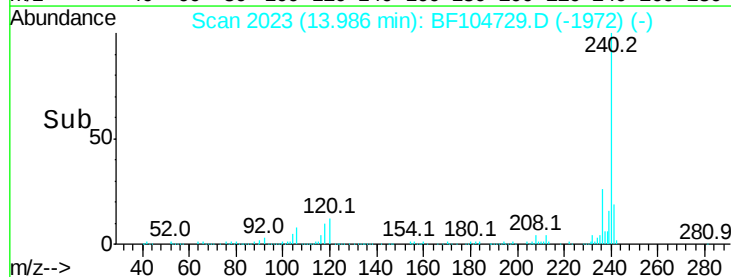
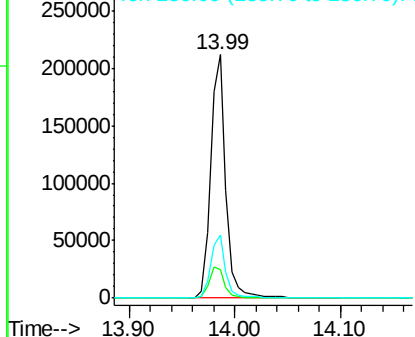


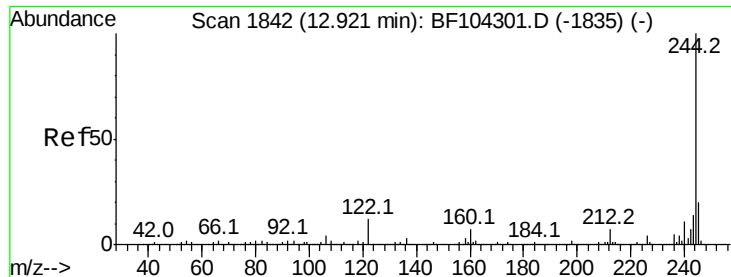
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BF104729.D
 Acq: 24 Apr 2018 2:07

Tgt Ion:240 Resp: 212181
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.5 14.3
 236 25.9 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

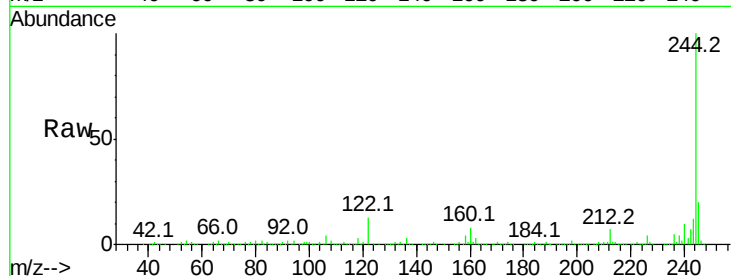




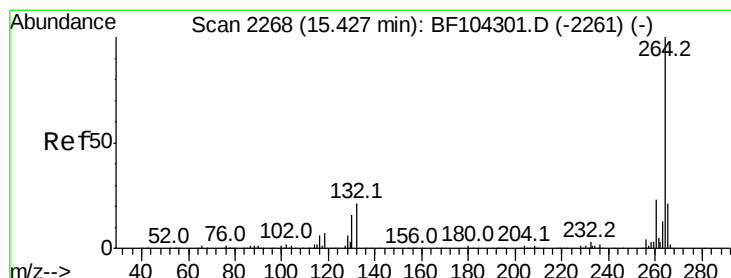
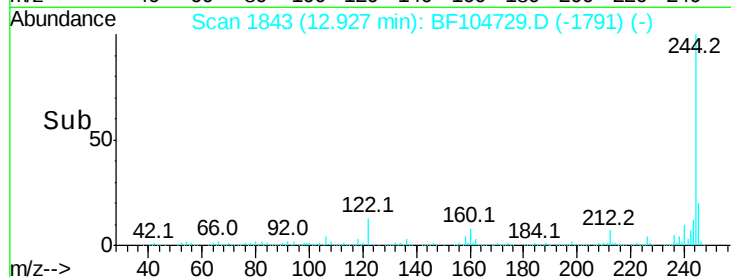
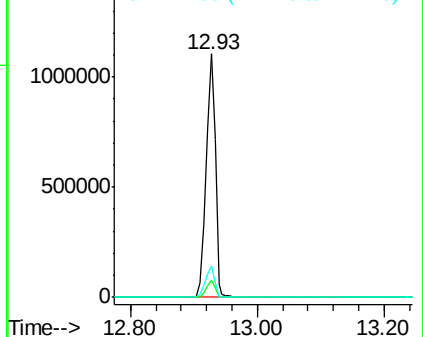
#78
 Terphenyl-d14
 Concen: 117.684 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104729.D
 Acq: 24 Apr 2018 2:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1095267
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.6 11.0 16.4

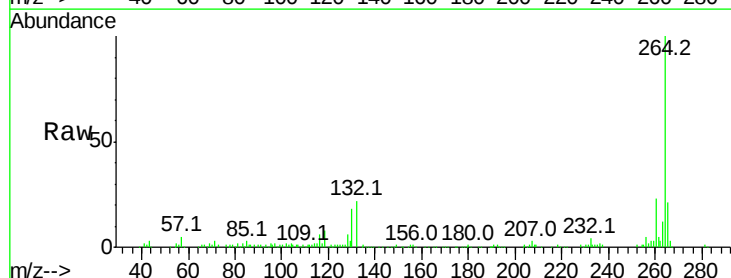


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF104729.D
 Acq: 24 Apr 2018 2:07

Tgt Ion:264 Resp: 154167
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.3 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

