

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104732.D
 Acq On : 24 Apr 2018 3:27
 Operator : JU/SJ
 Sample : J2494-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 05:25:36 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

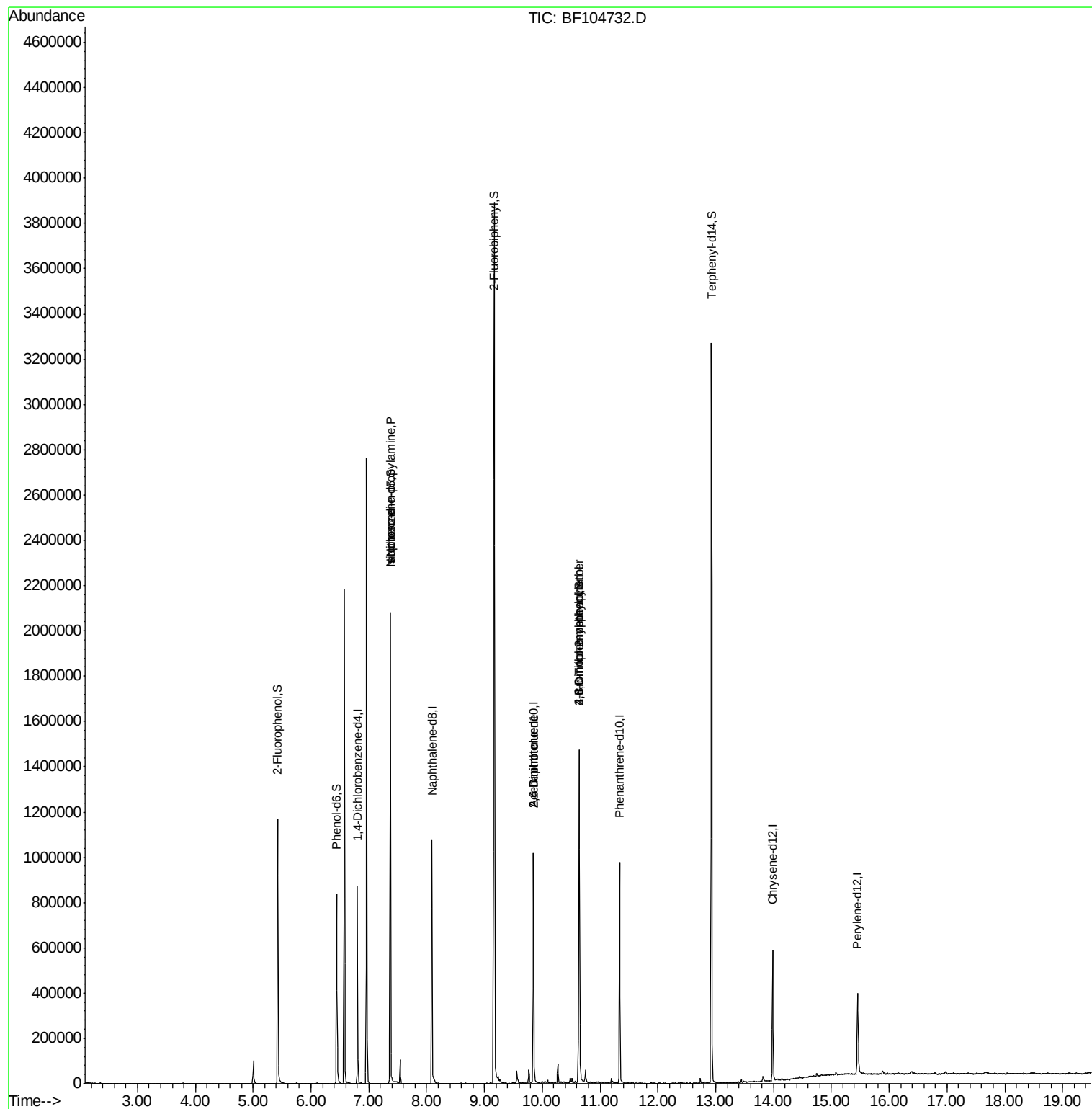
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	121470	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	498834	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	219859	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	361948	20.00	ng	0.00
75) Chrysene-d12	13.99	240	227395	20.00	ng	0.00
86) Perylene-d12	15.46	264	169810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	358696	45.15	ng	0.00
7) Phenol-d6	6.45	99	280703	28.76	ng	0.00
23) Nitrobenzene-d5	7.37	82	791020	103.55	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	193657	84.91	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1324252	95.15	ng	0.00
78) Terphenyl-d14	12.93	244	1193312	119.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	103157	16.173	ng	# 72
25) Isophorone	7.37	82	791012	48.966	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	27469	8.562	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	27469	6.528	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.64	198	464	7.570	ng	# 42
66) 4-Bromophenyl-phenylether	10.64	248	11424	2.967	ng	# 1
76) Benzidine	12.93	184	15607	Below Cal		# 95

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104732.D
Acq On : 24 Apr 2018 3:27
Operator : JU/SJ
Sample : J2494-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 24 05:25:36 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



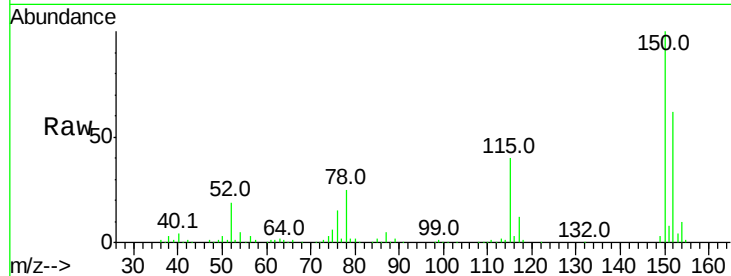


#1

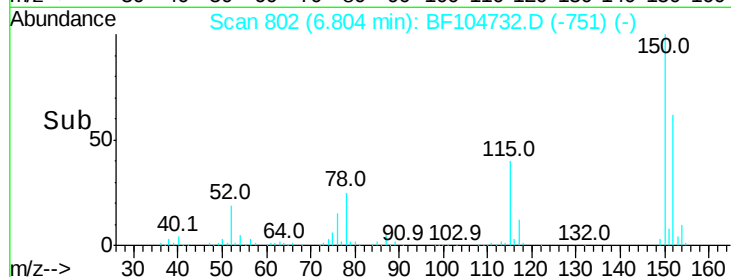
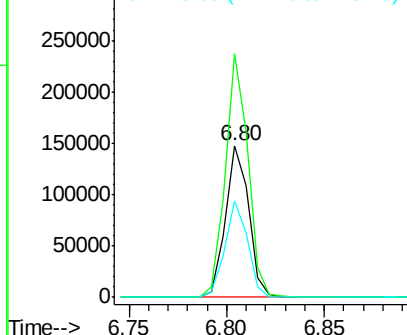
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104732.D
Acq: 24 Apr 2018 3:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121470
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 63.9 50.1 75.1



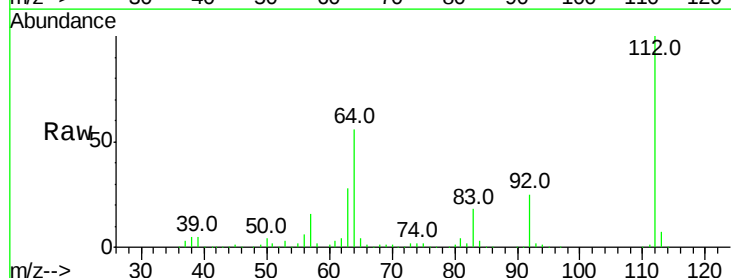
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



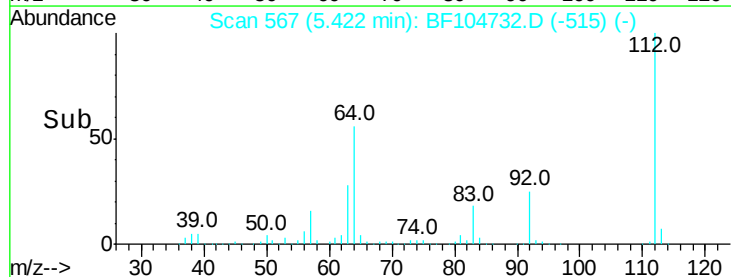
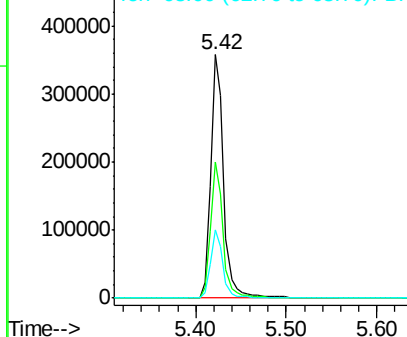
#5

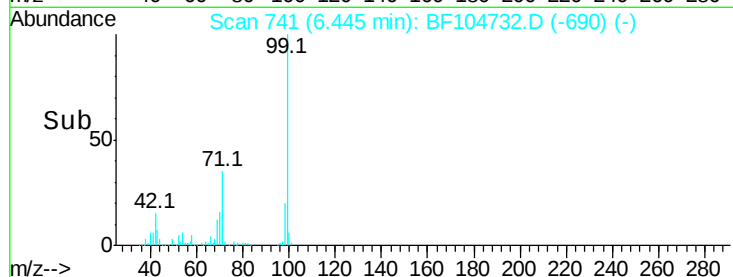
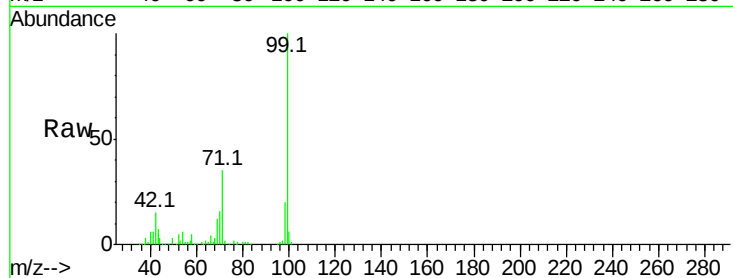
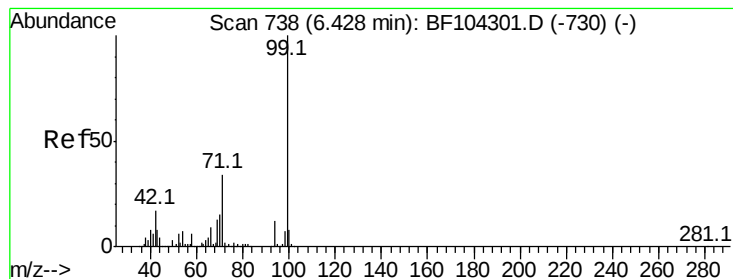
2-Fluorophenol
Concen: 45.152 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104732.D
Acq: 24 Apr 2018 3:27

Tgt Ion:112 Resp: 358696
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 27.8 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: 28.758 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104732.D

Acq: 24 Apr 2018 3:27

Instrument :

BNA_F

ClientSampleId :

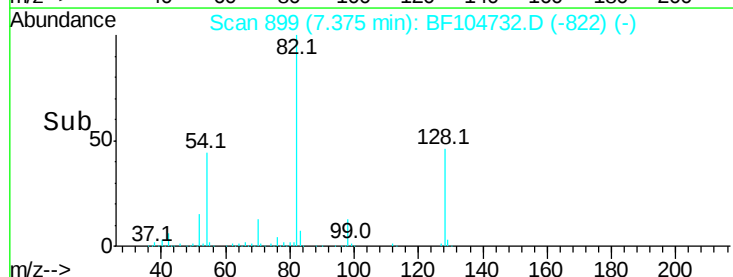
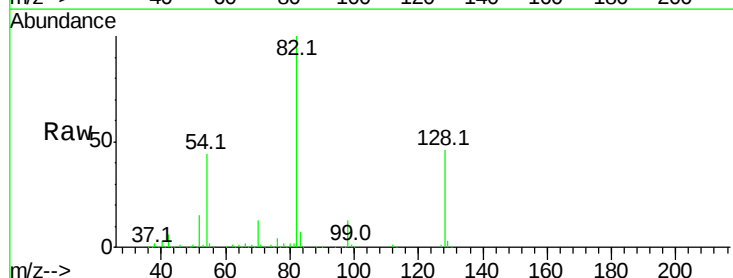
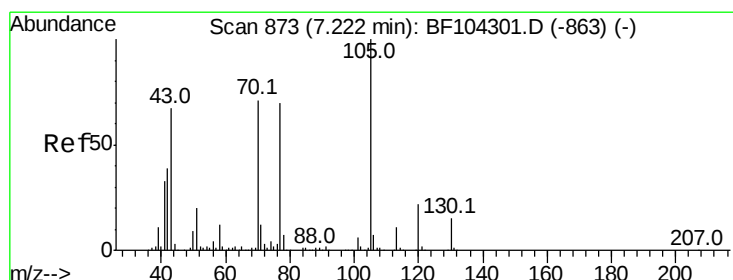
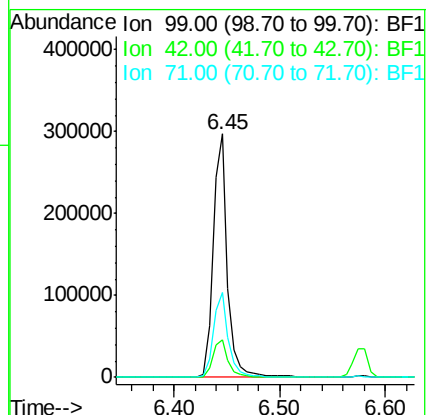
Tot Ion: 99 Resp: 280703

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

71 34.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.173 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104732.D

Acq: 24 Apr 2018 3:27

Tgt Ion: 70 Resp: 103157

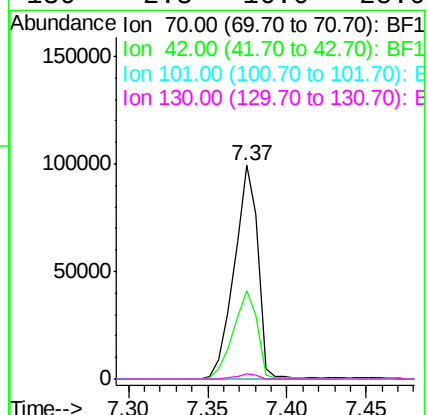
Ion Ratio Lower Upper

70 100

42 41.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

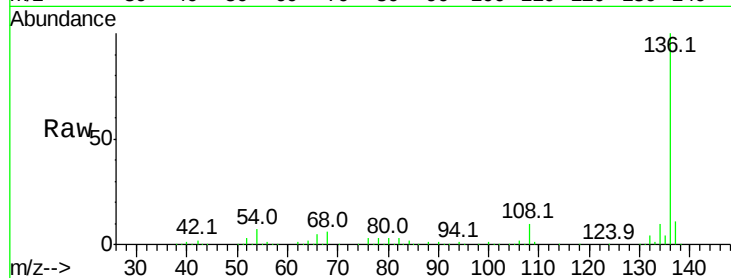




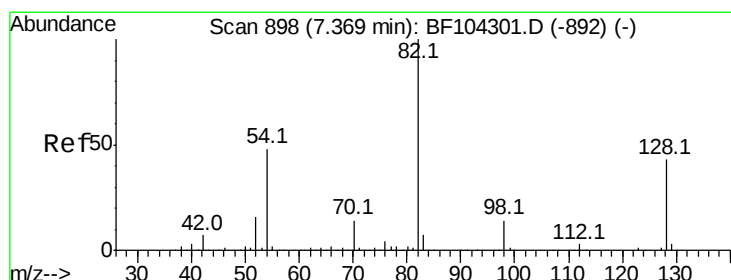
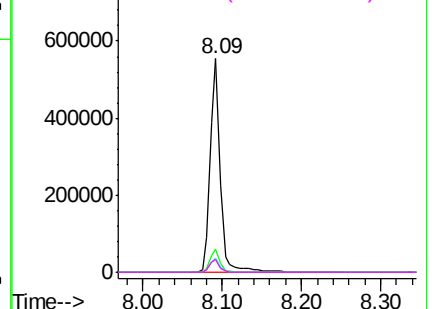
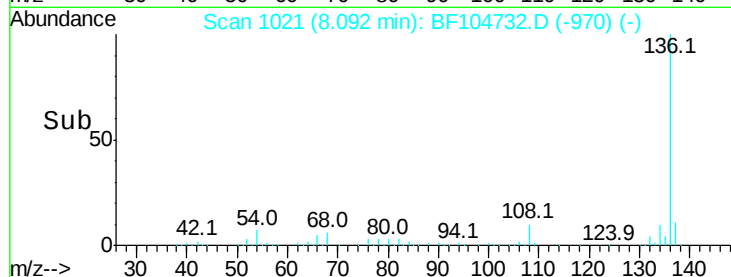
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104732.D
Acq: 24 Apr 2018 3:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	498834
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.5	6.6	9.8#
68	5.8	5.0	7.4

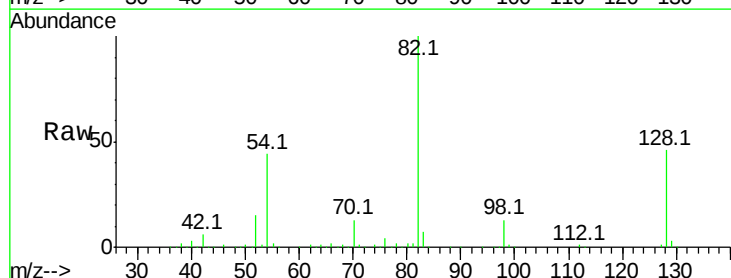


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

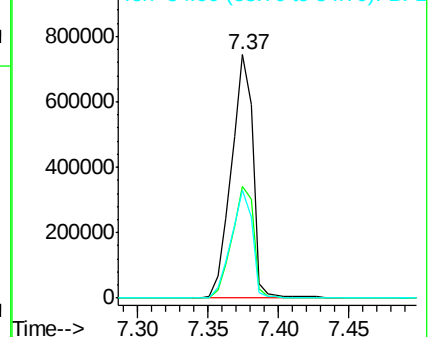
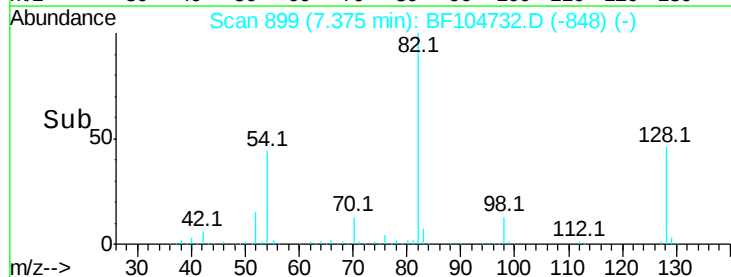


#23
Nitrobenzene-d5
Concen: 103.546 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104732.D
Acq: 24 Apr 2018 3:27

Tgt Ion:	82	Resp:	791020
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	44.4	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: 48.966 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.25 min

Lab File: BF104732.D

Acq: 24 Apr 2018 3:27

Instrument :

BNA_F

ClientSampled :

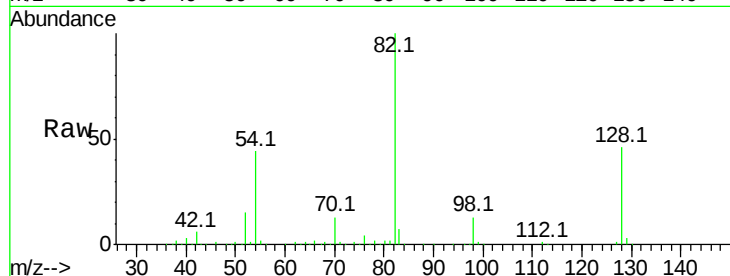
Tot Ion: 82 Resp: 791012

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

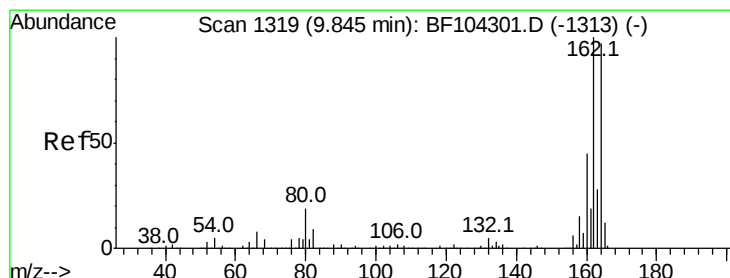
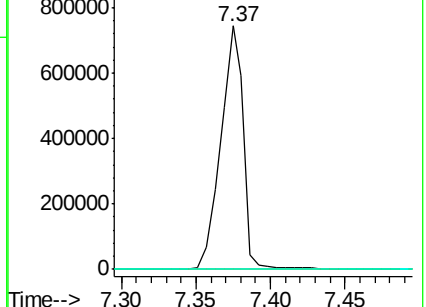
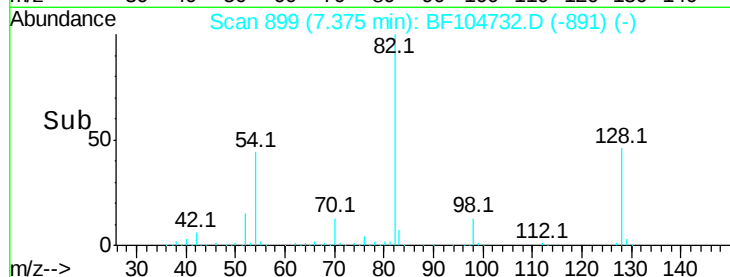
138 0.0 14.9 22.3#



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: BF104732.D

Acq: 24 Apr 2018 3:27

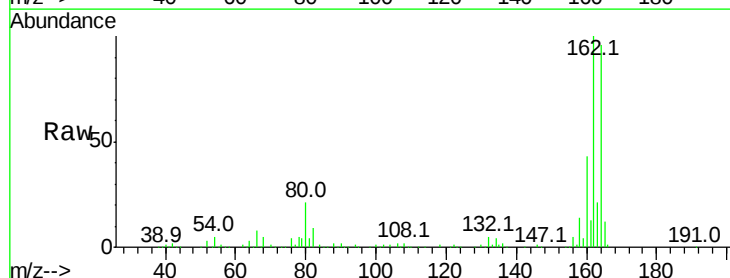
Tgt Ion:164 Resp: 219859

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

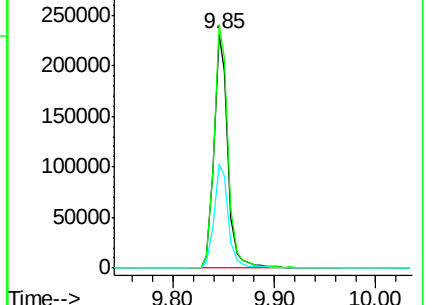
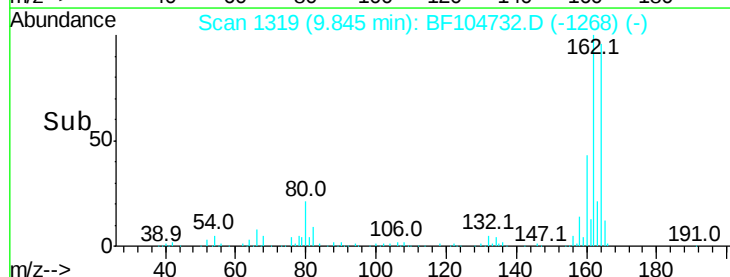
160 44.5 38.3 57.5



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

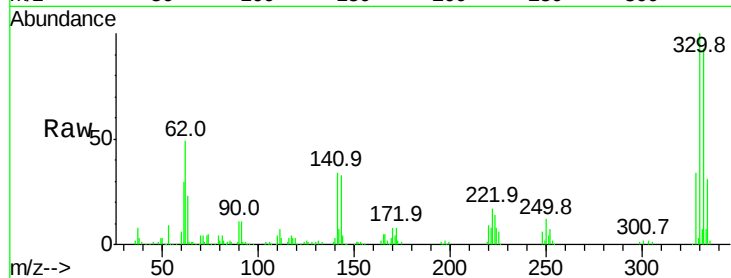




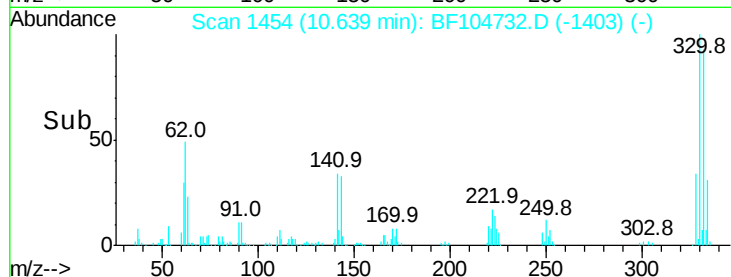
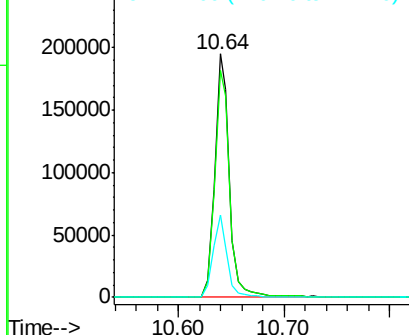
#41
 2,4,6-Tribromophenol
 Concen: 84.913 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104732.D
 Acq: 24 Apr 2018 3:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	32.6	29.9	44.9

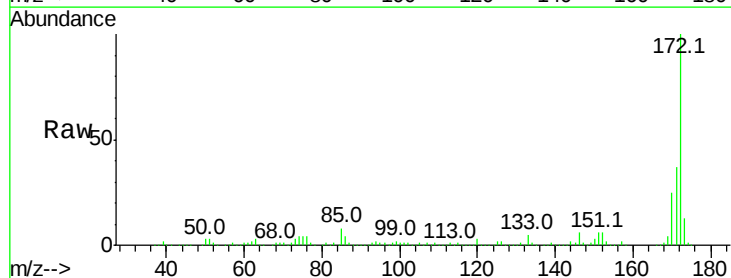


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

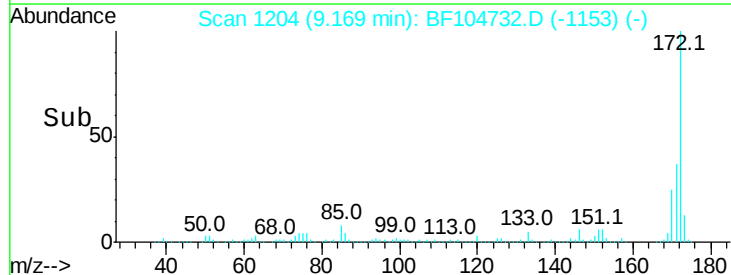
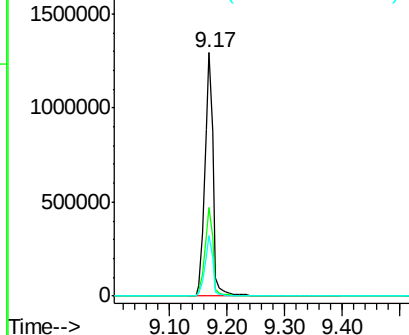


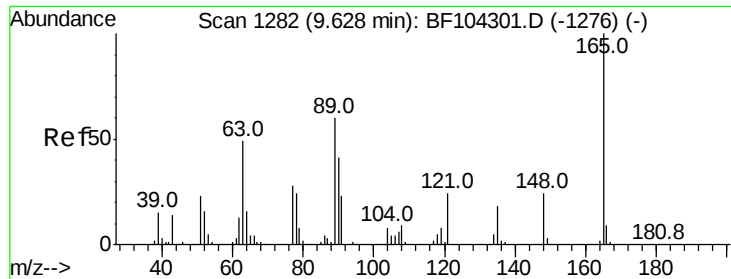
#44
 2-Fluorobiphenyl
 Concen: 95.151 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104732.D
 Acq: 24 Apr 2018 3:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.7	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

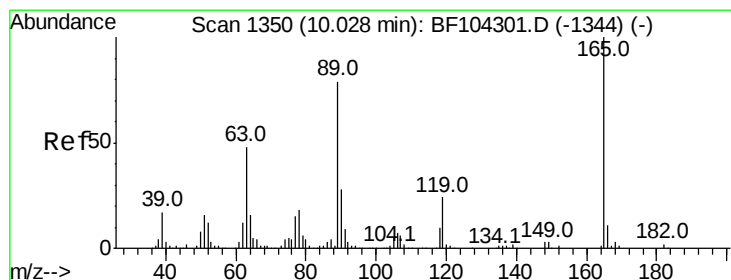
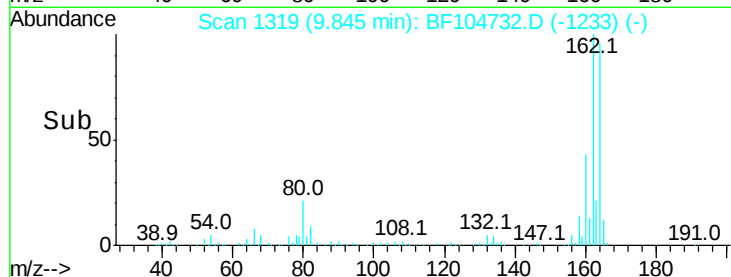
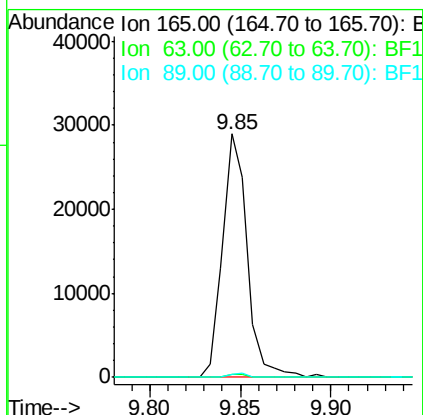
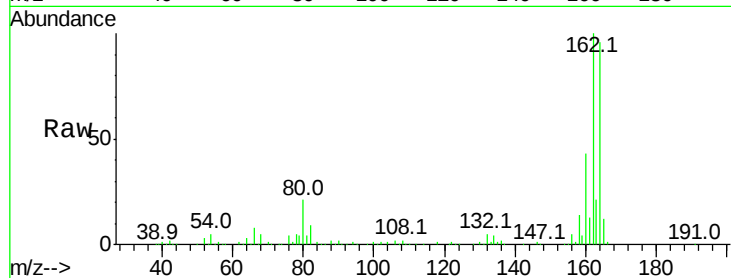




#50
 2,6-Dinitrotoluene
 Concen: 8.562 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF104732.D
 Acq: 24 Apr 2018 3:27

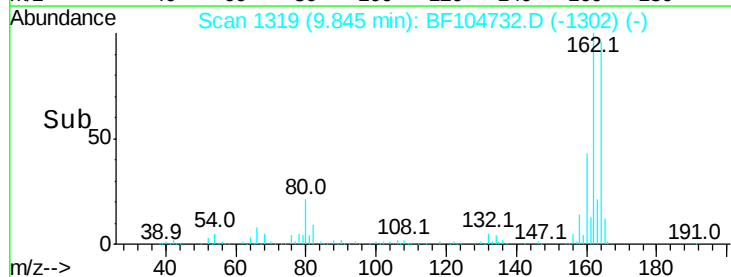
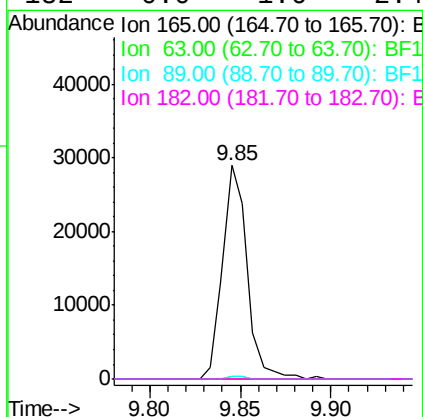
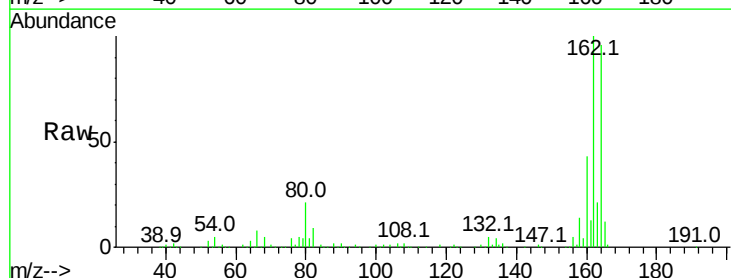
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.528 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF104732.D
 Acq: 24 Apr 2018 3:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.3	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: BF104732.D

Acq: 24 Apr 2018 3:27

Instrument :

BNA_F

ClientSampleId :

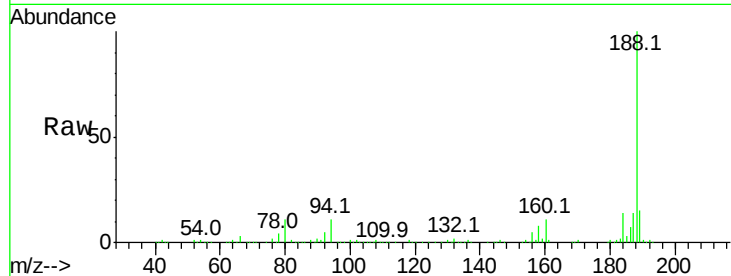
Tot Ion:188 Resp: 361948

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

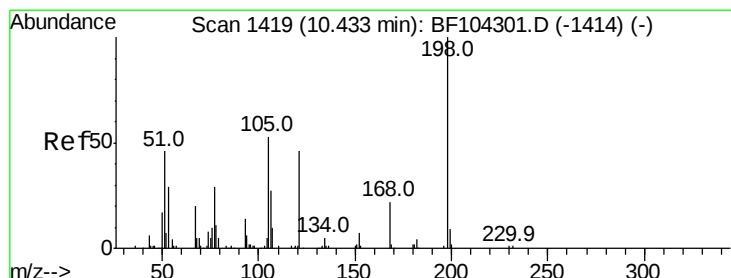
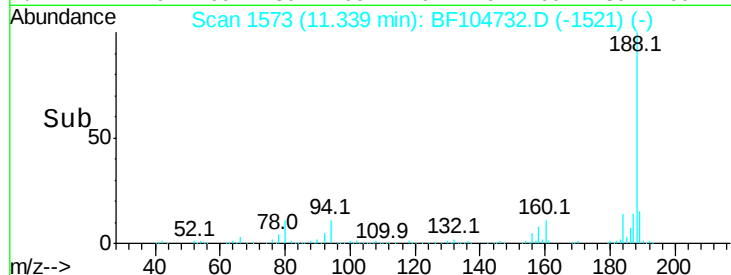
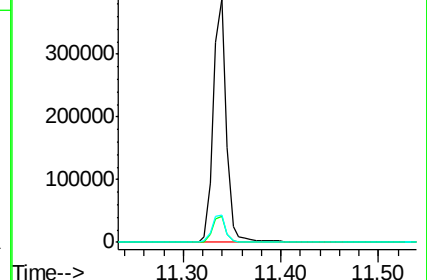
80 11.1 9.2 13.8



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: 7.570 ng

RT: 10.64 min Scan# 1455

Delta R.T. 0.19 min

Lab File: BF104732.D

Acq: 24 Apr 2018 3:27

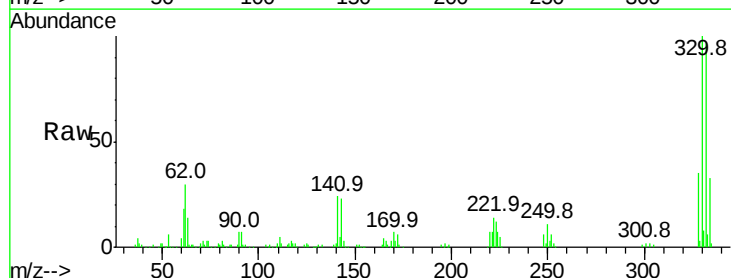
Tgt Ion:198 Resp: 464

Ion Ratio Lower Upper

198 100

51 88.9 37.7 77.7#

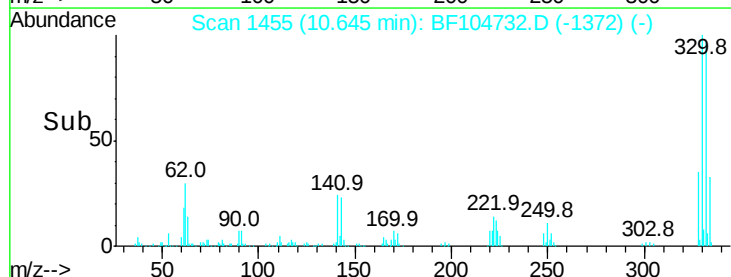
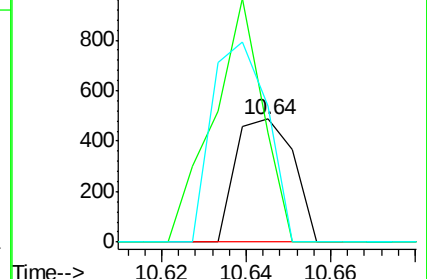
105 110.7 36.3 76.3#

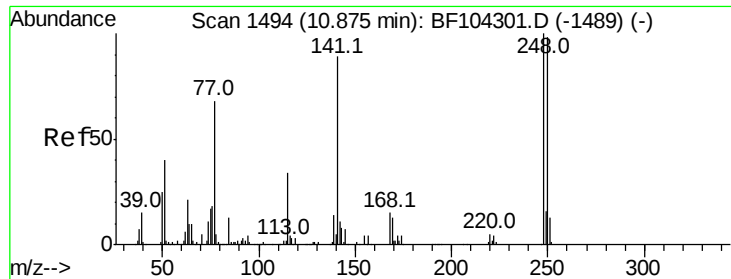


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

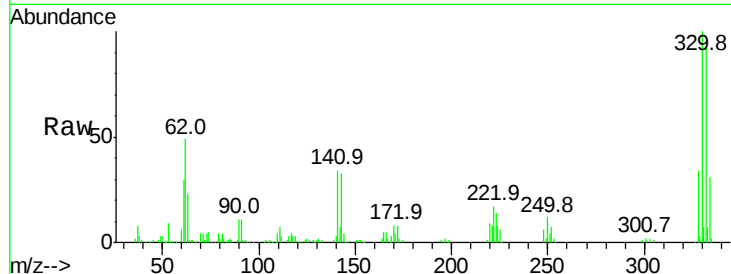




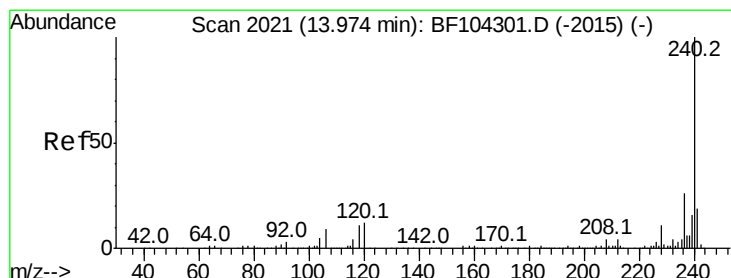
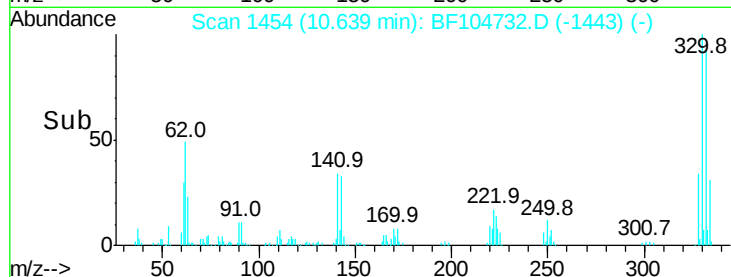
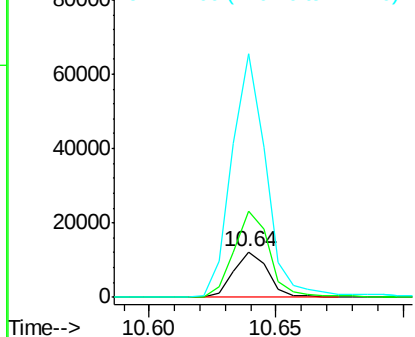
#66
4-Bromophenyl-phenylether
Concen: 2.967 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF104732.D
Acq: 24 Apr 2018 3:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11424
Ion Ratio Lower Upper
248 100
250 191.3 76.9 115.3#
141 538.5 74.4 111.6#

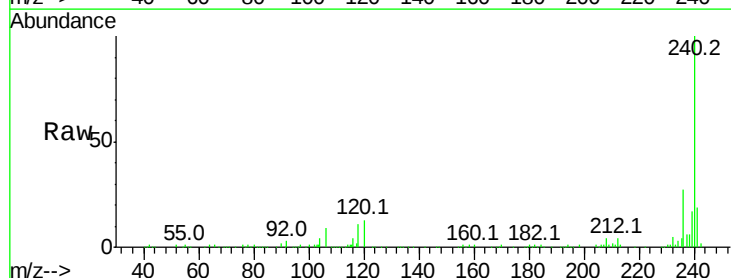


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

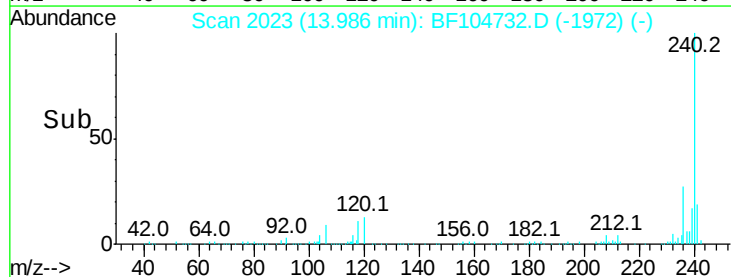
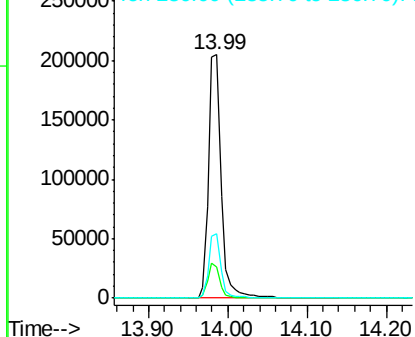


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF104732.D
Acq: 24 Apr 2018 3:27

Tgt Ion:240 Resp: 227395
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 26.7 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: 119.640 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104732.D

Acq: 24 Apr 2018 3:27

Instrument :

BNA_F

ClientSampleId :

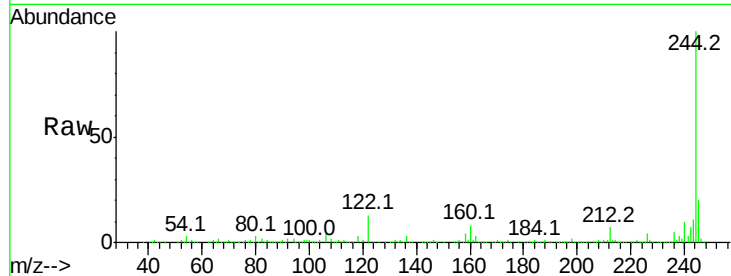
Tot Ion:244 Resp: 1193312

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

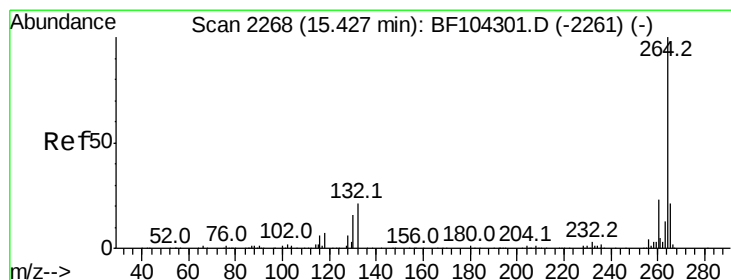
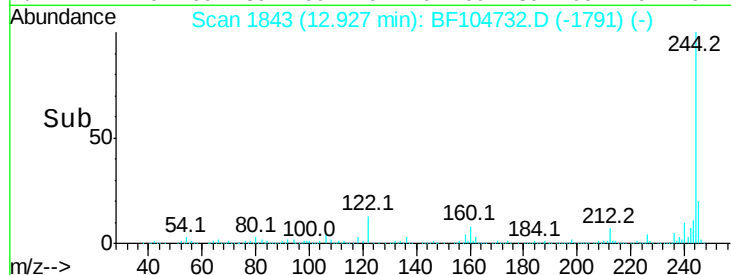
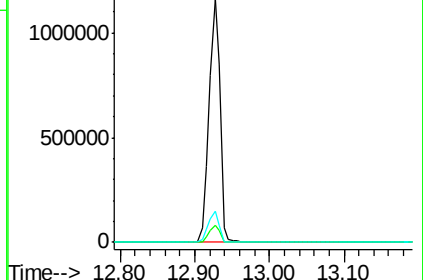
122 12.6 11.0 16.4



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: BF104732.D

Acq: 24 Apr 2018 3:27

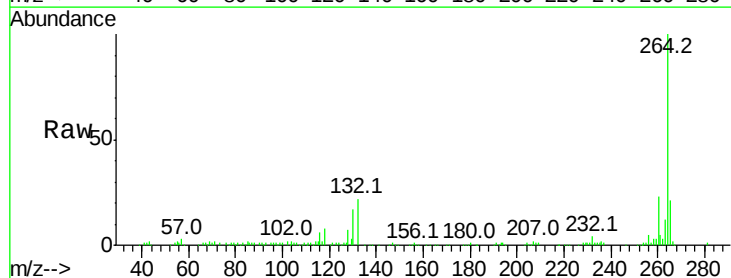
Tgt Ion:264 Resp: 169810

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.6 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

