

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104369.D
 Acq On : 9 Apr 2018 13:58
 Operator : JU/SJ
 Sample : J2237-01RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 01:15:03 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

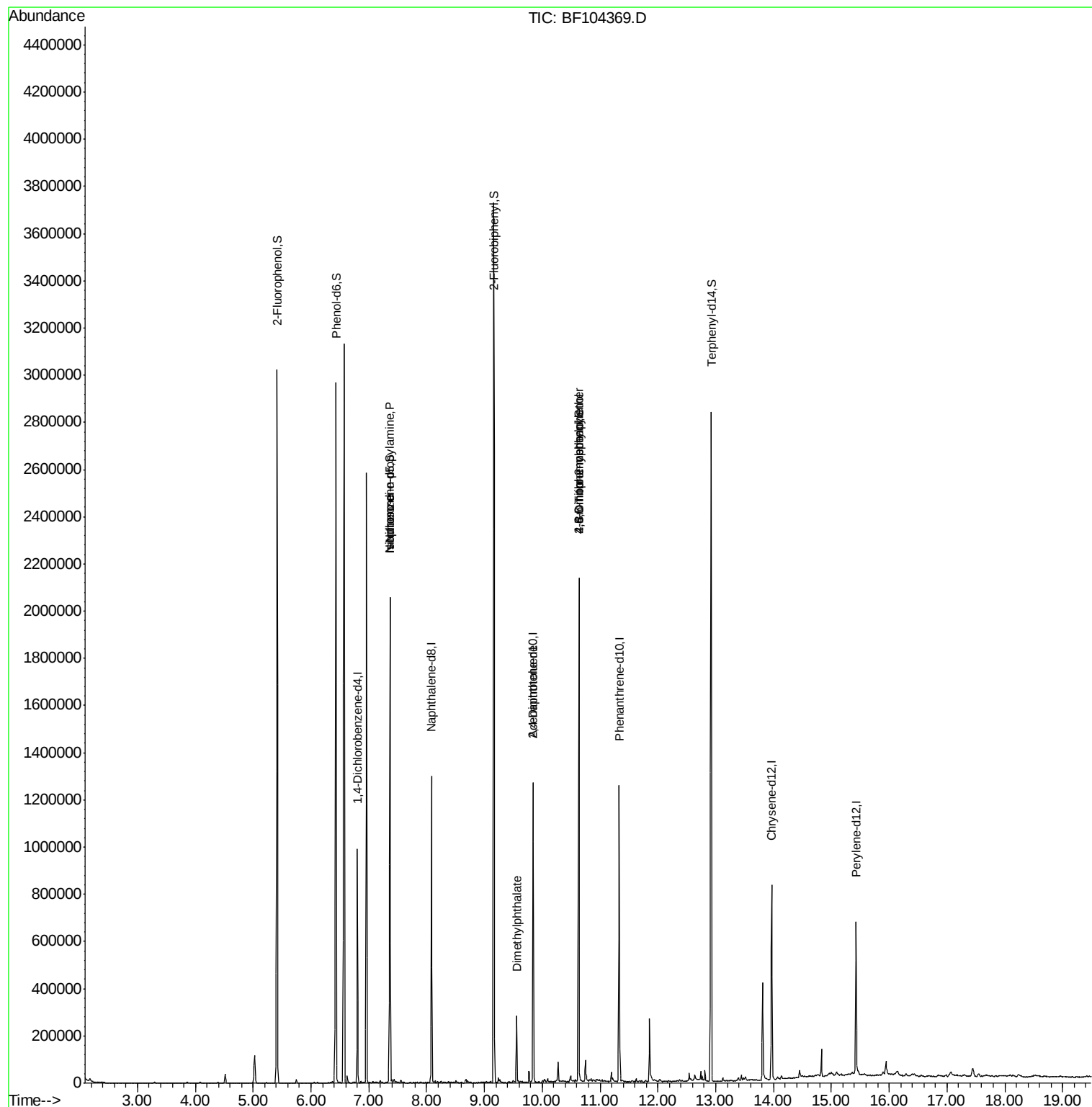
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	132792	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	534264	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	243856	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	415800	20.00	ng	0.00
75) Chrysene-d12	13.97	240	251336	20.00	ng	0.00
86) Perylene-d12	15.43	264	275045	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	953875	109.84	ng	0.01
7) Phenol-d6	6.43	99	1157354	108.46	ng	0.00
23) Nitrobenzene-d5	7.37	82	702449	85.85	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	283366	112.02	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1208051	78.26	ng	0.00
78) Terphenyl-d14	12.92	244	984924	89.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	91750	13.158	ng	# 73
25) Isophorone	7.37	82	702085	40.579	ng	# 64
49) Dimethylphthalate	9.56	163	102939	5.353	ng	100
56) 2,4-Dinitrotoluene	9.84	165	31166	6.677	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	475	7.546	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	17109	3.868	ng	# 1
76) Benzidine	12.92	184	12541	Below Cal		97

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

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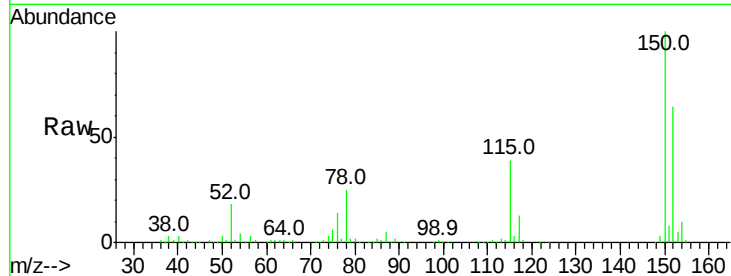


#1

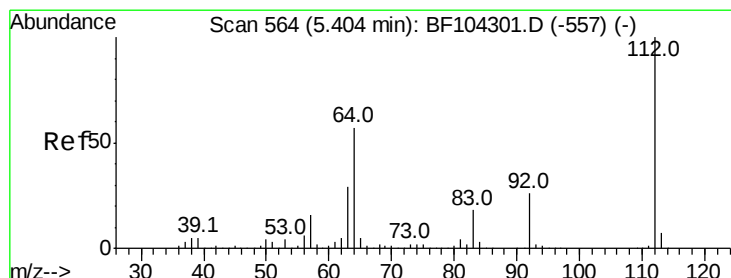
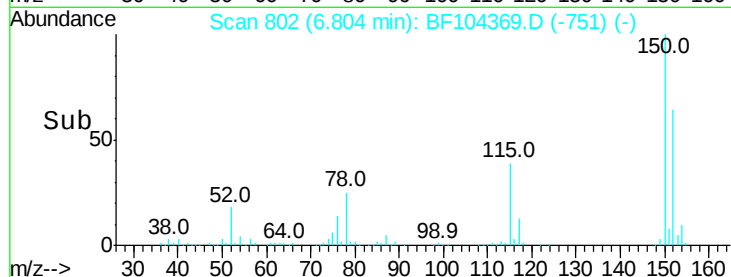
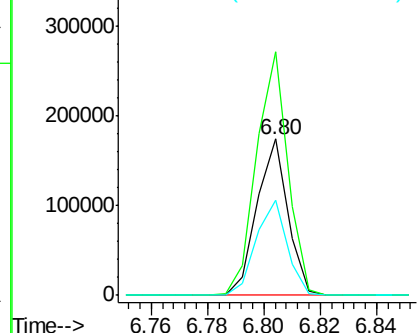
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104369.D
Acq: 9 Apr 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132792
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 61.1 50.1 75.1



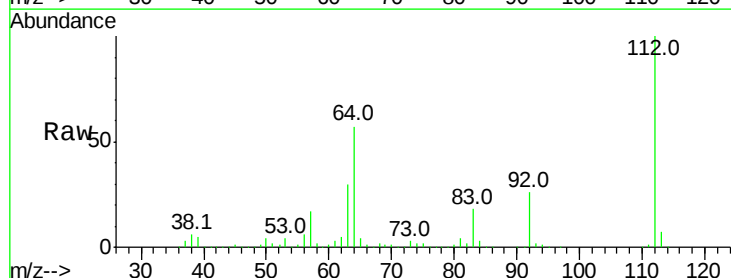
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



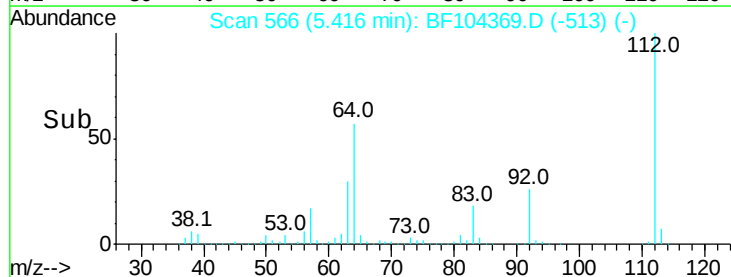
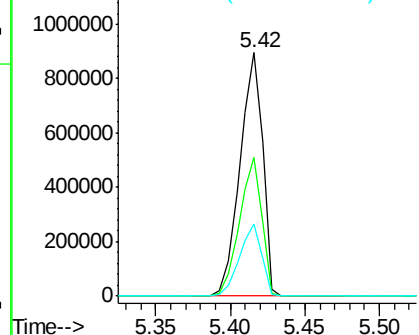
#5

2-Fluorophenol
Concen: 109.836 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104369.D
Acq: 9 Apr 2018 13:58

Tgt Ion:112 Resp: 953875
Ion Ratio Lower Upper
112 100
64 57.1 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: 108.463 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104369.D

Acq: 9 Apr 2018 13:58

Instrument :

BNA_F

ClientSampled :

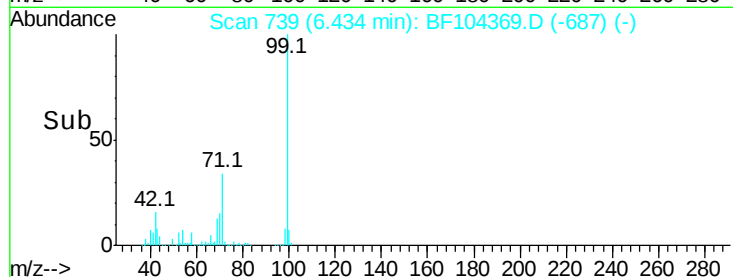
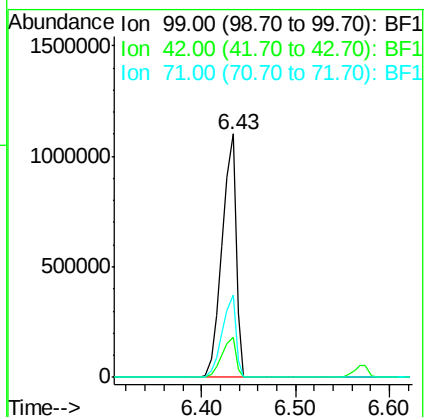
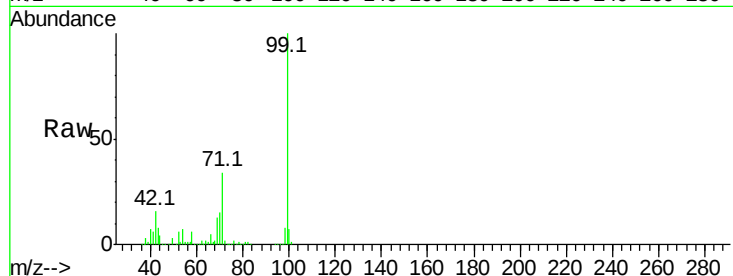
Tot Ion: 99 Resp: 1157354

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 33.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.158 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104369.D

Acq: 9 Apr 2018 13:58

Tgt Ion: 70 Resp: 91750

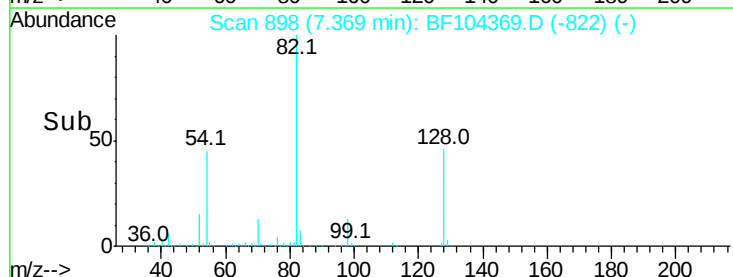
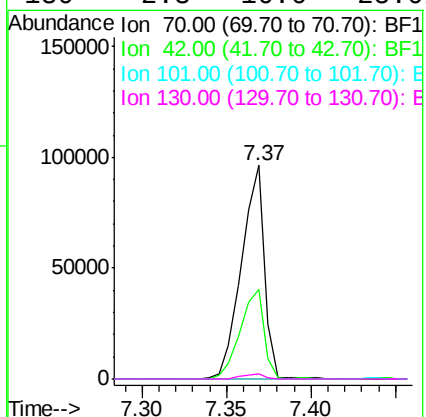
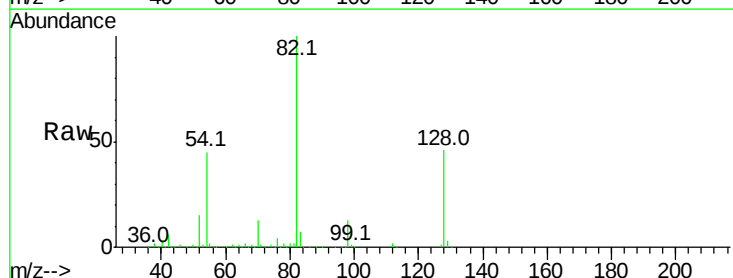
Ion Ratio Lower Upper

70 100

42 41.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

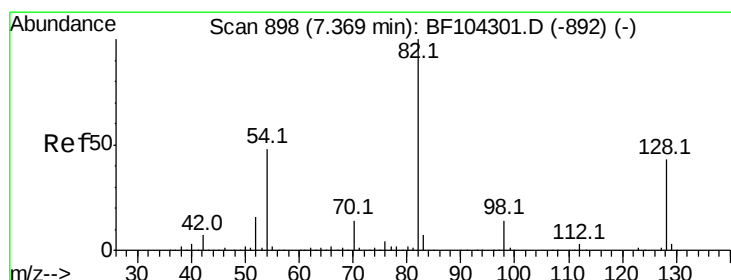
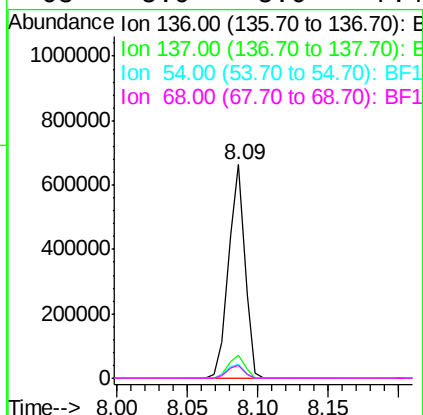
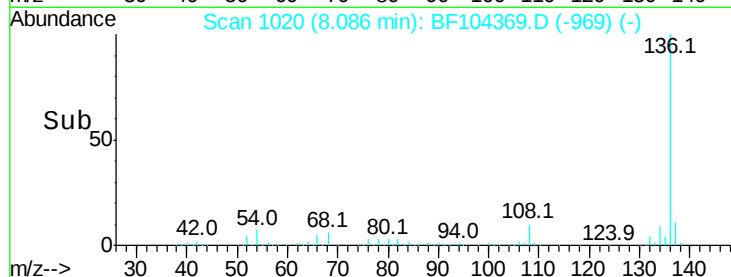
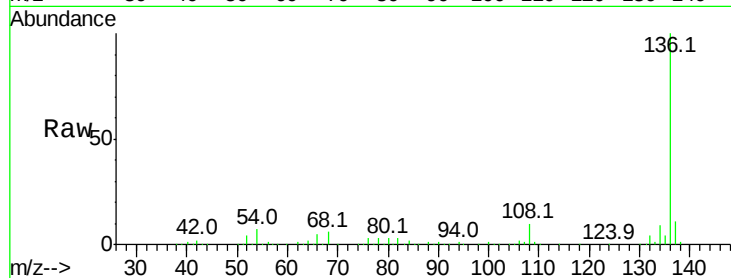




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104369.D
Acq: 9 Apr 2018 13:58

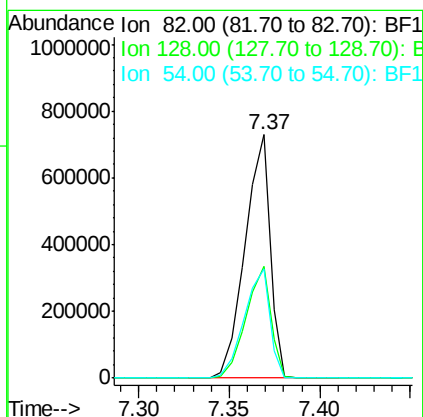
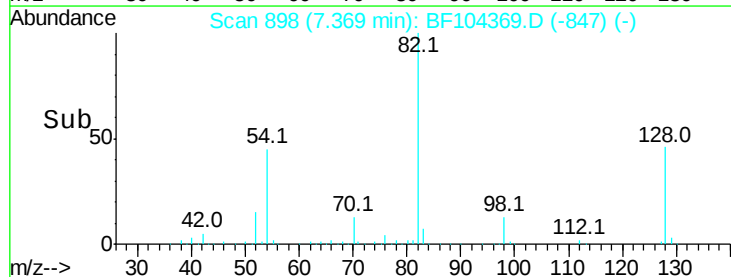
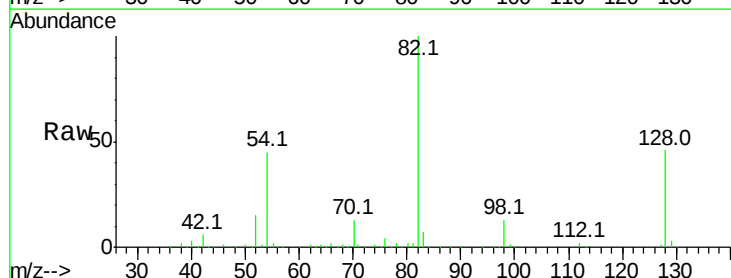
Instrument :
BNA_F
ClientSampleId :

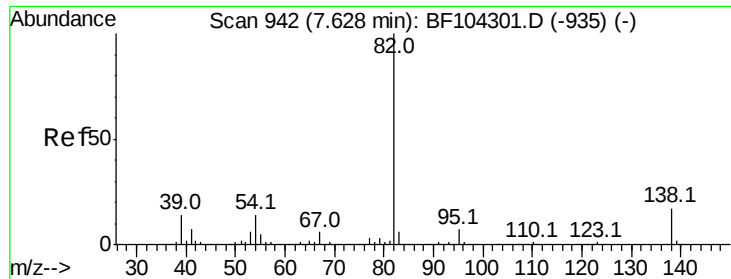
Tot Ion:	136	Resp:	534264
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 85.854 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104369.D
Acq: 9 Apr 2018 13:58

Tgt Ion:	82	Resp:	702449
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	45.0	41.4	62.2





#25

Isophorone

Concen: 40.579 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104369.D

Acq: 9 Apr 2018 13:58

Instrument :

BNA_F

ClientSampleId :

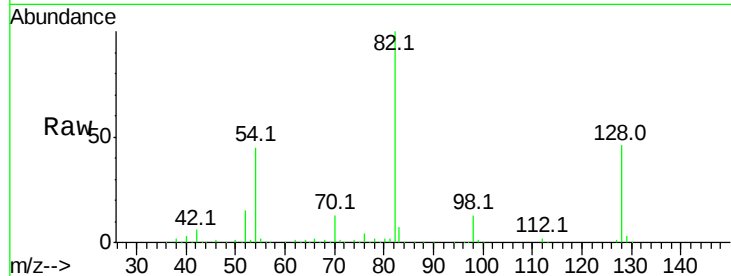
Tot Ion: 82 Resp: 702085

Ion Ratio Lower Upper

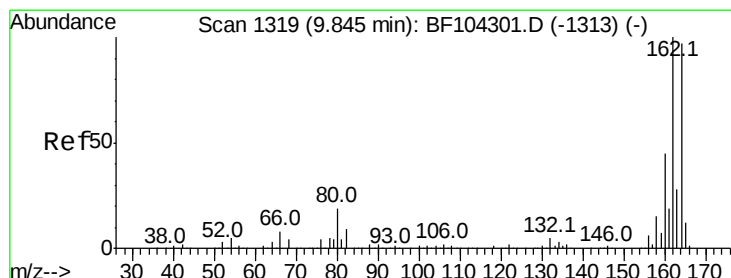
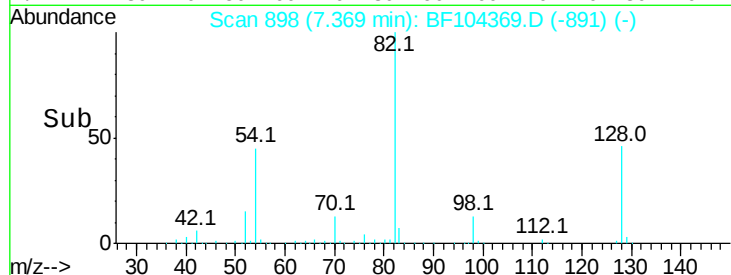
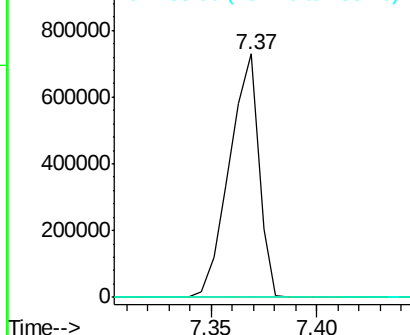
82 100

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: BF104369.D

Acq: 9 Apr 2018 13:58

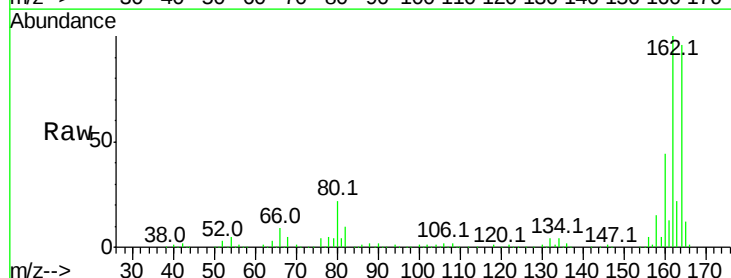
Tgt Ion: 164 Resp: 243856

Ion Ratio Lower Upper

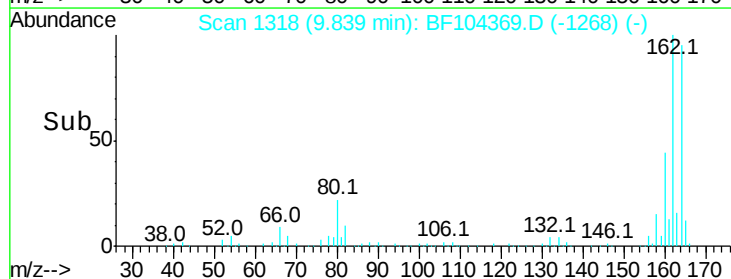
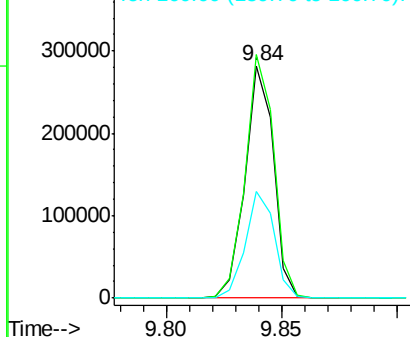
164 100

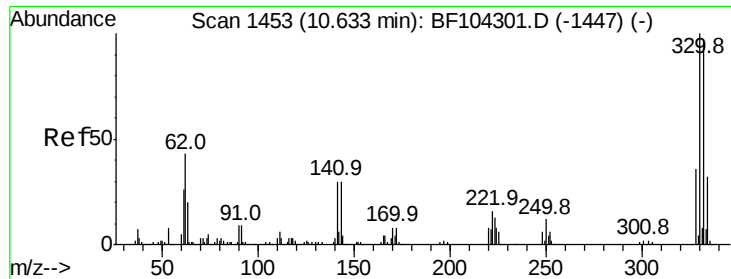
162 104.7 86.1 129.1

160 45.8 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

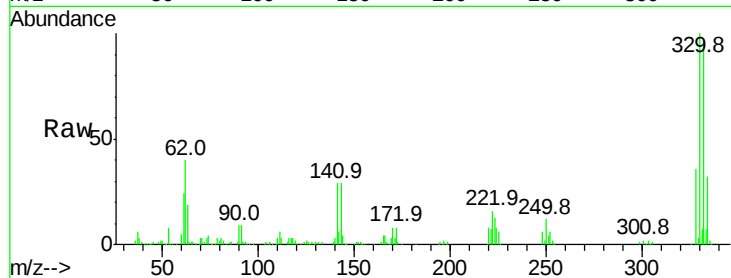




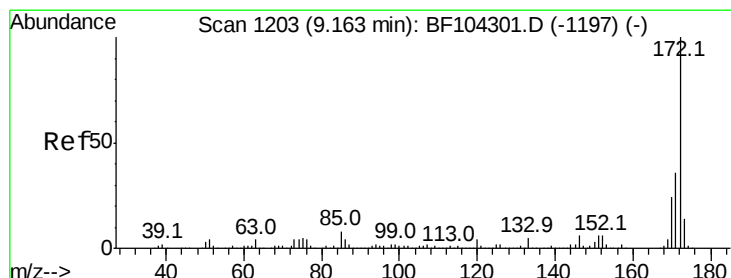
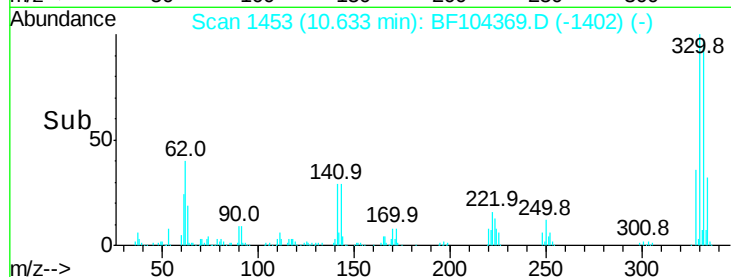
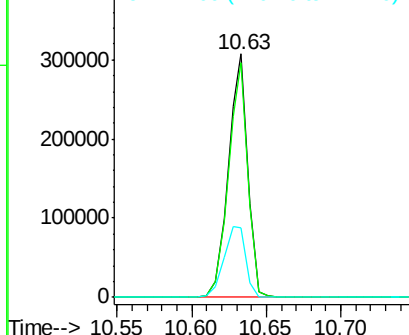
#41
 2,4,6-Tribromophenol
 Concen: 112.021 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF104369.D
 Acq: 9 Apr 2018 13:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.0	29.9	44.9

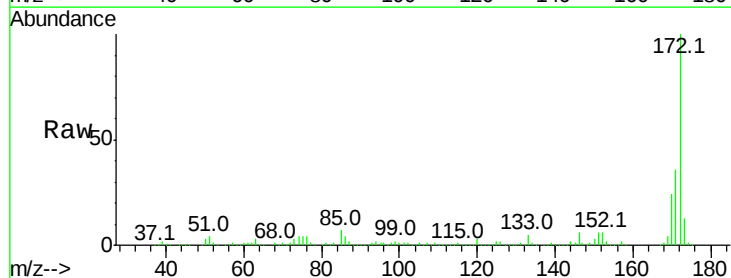


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

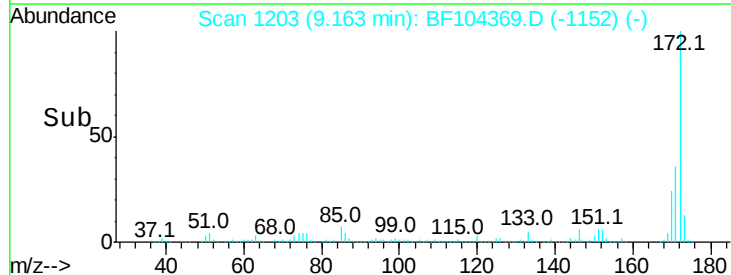
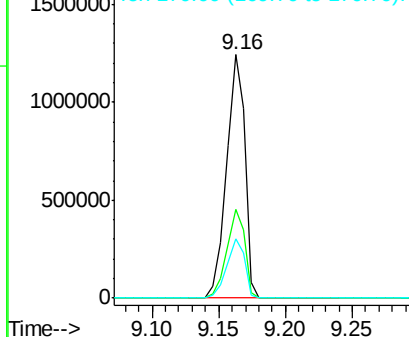


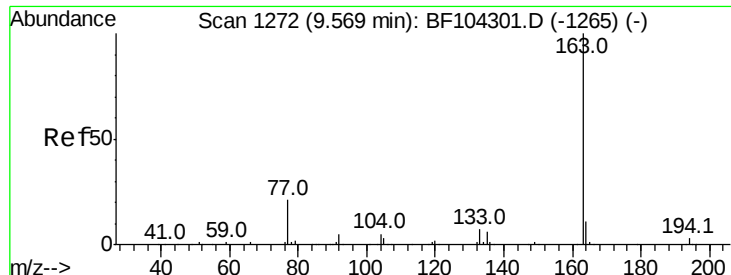
#44
 2-Fluorobiphenyl
 Concen: 78.260 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104369.D
 Acq: 9 Apr 2018 13:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	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

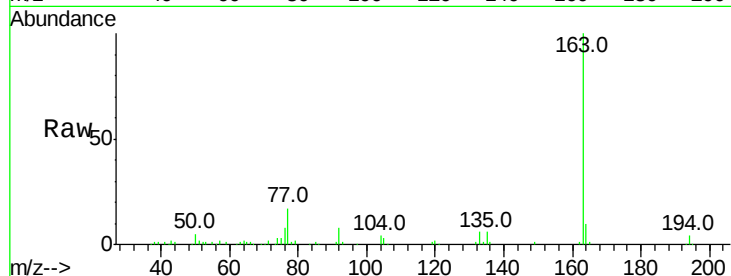




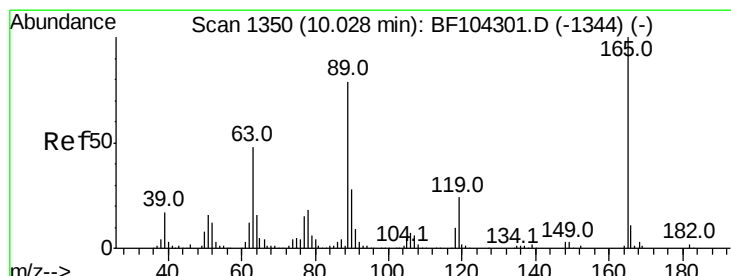
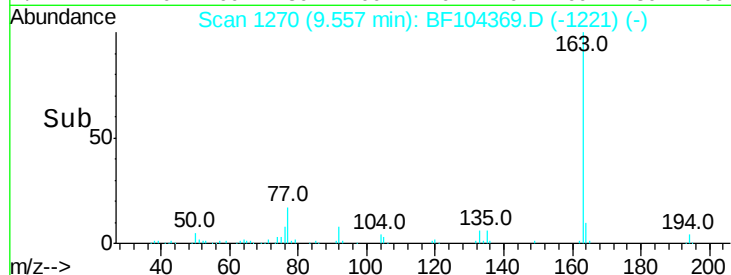
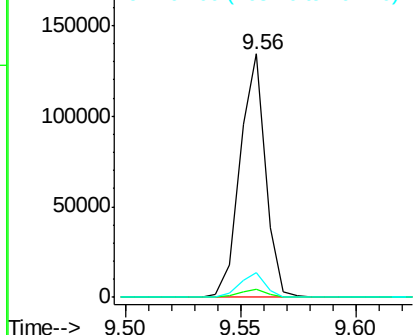
#49
 Dimethylphthalate
 Concen: 5.353 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF104369.D
 Acq: 9 Apr 2018 13:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163	Resp:	102939
Ion Ratio	Lower	Upper
163	100	
194	3.5	2.7 4.1
164	10.1	8.2 12.2

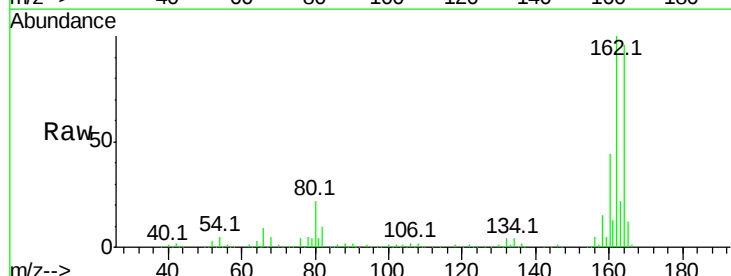


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

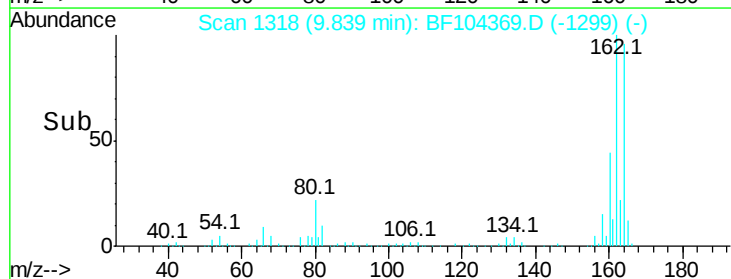
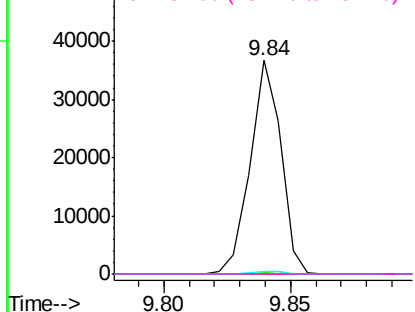


#56
 2,4-Dinitrotoluene
 Concen: 6.677 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.19 min
 Lab File: BF104369.D
 Acq: 9 Apr 2018 13:58

Tgt Ion:165	Resp:	31166
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

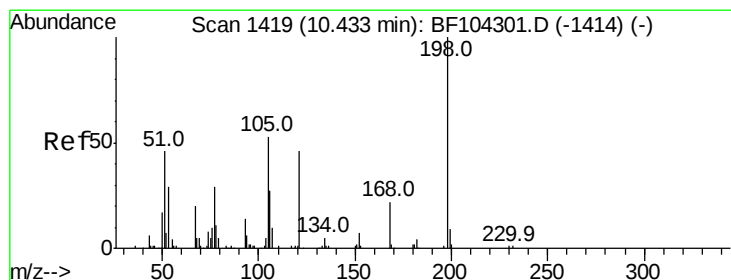
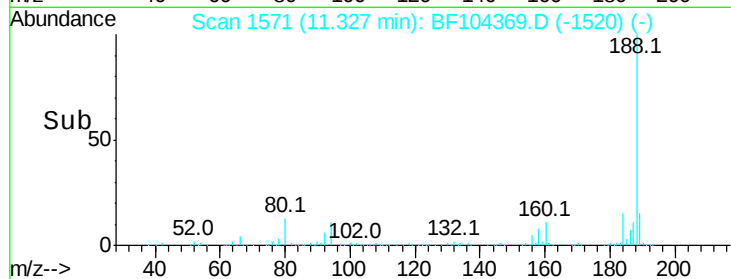
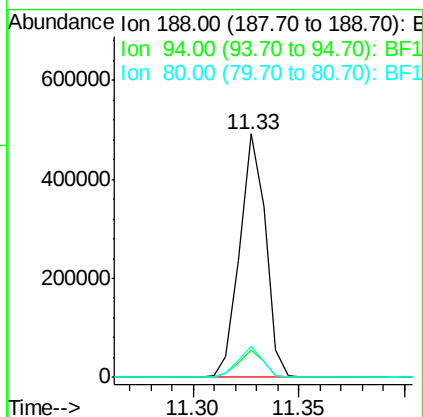
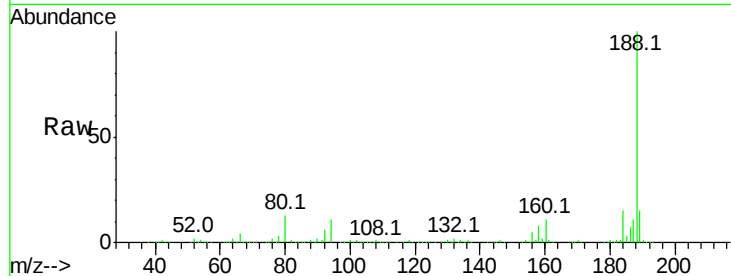




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF104369.D
 Acq: 9 Apr 2018 13:58

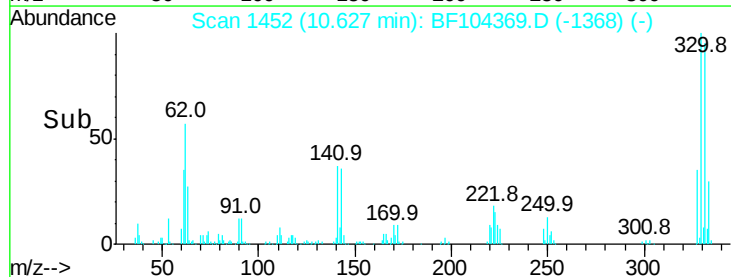
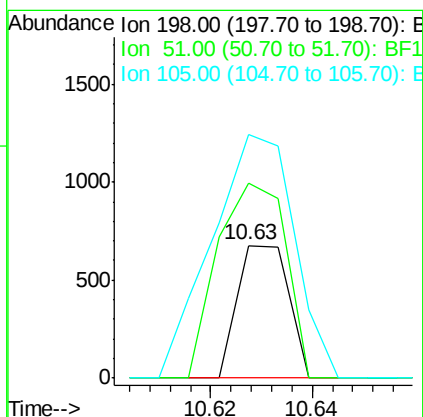
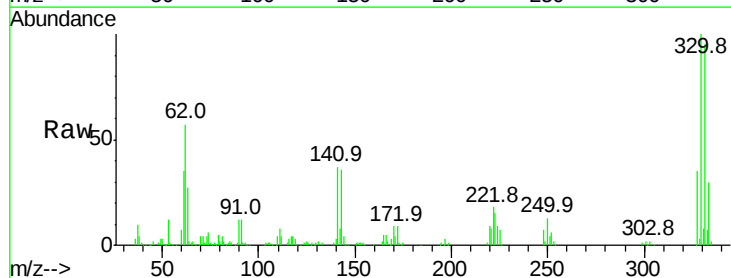
Instrument :
 BNA_F
 ClientSampleId :

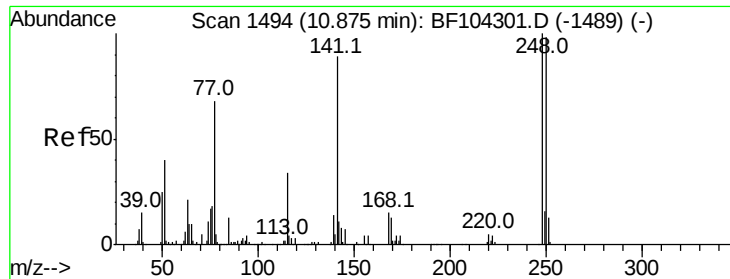
Tot Ion:188 Resp: 415800
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 12.5 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.546 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.19 min
 Lab File: BF104369.D
 Acq: 9 Apr 2018 13:58

Tgt Ion:198 Resp: 475
 Ion Ratio Lower Upper
 198 100
 51 147.1 37.7 77.7#
 105 183.2 36.3 76.3#

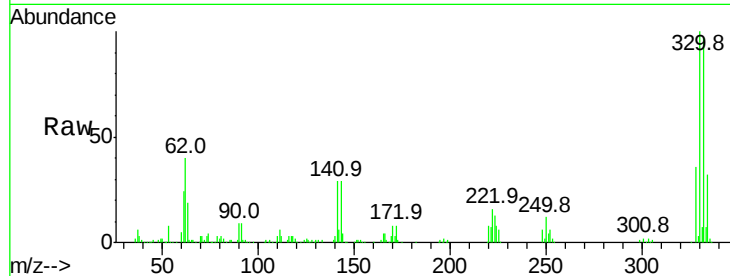




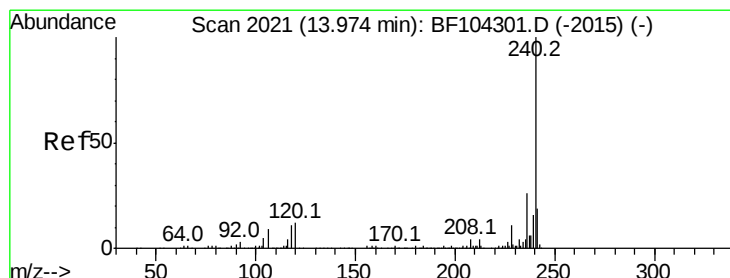
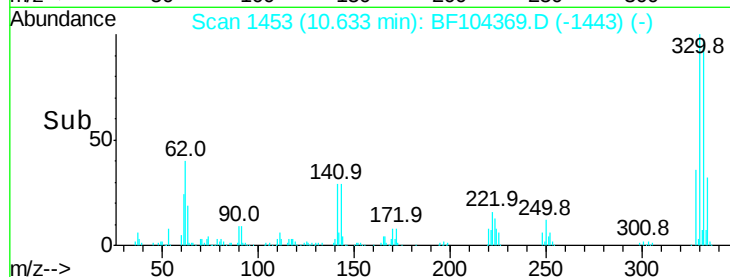
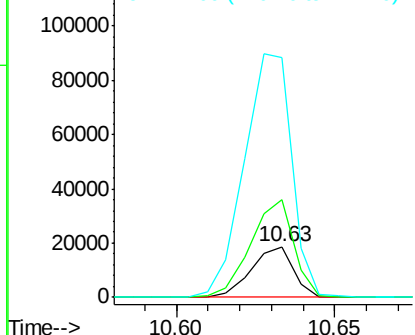
#66
4-Bromophenyl-phenylether
Concen: 3.868 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104369.D
Acq: 9 Apr 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17109
Ion Ratio Lower Upper
248 100
250 192.3 76.9 115.3#
141 474.1 74.4 111.6#

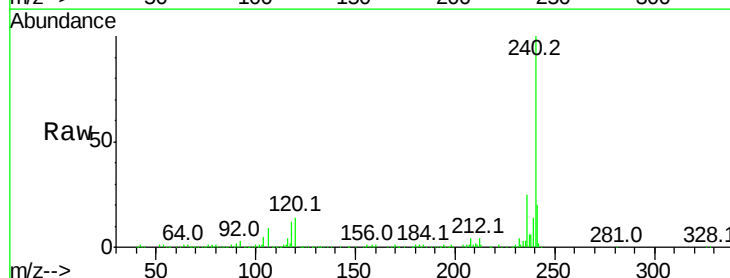


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

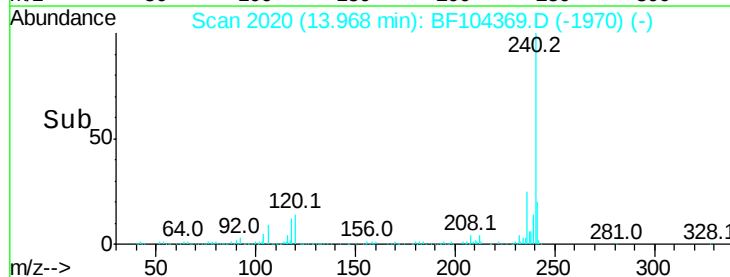
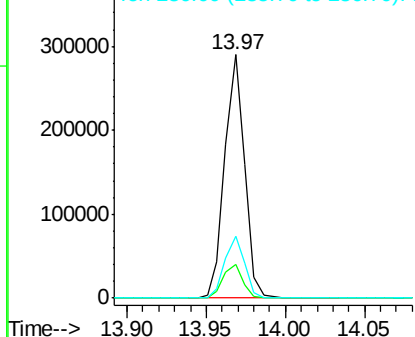


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104369.D
Acq: 9 Apr 2018 13:58

Tgt Ion:240 Resp: 251336
Ion Ratio Lower Upper
240 100
120 13.8 9.5 14.3
236 25.5 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: 89.341 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104369.D

Acq: 9 Apr 2018 13:58

Instrument :

BNA_F

ClientSampleId :

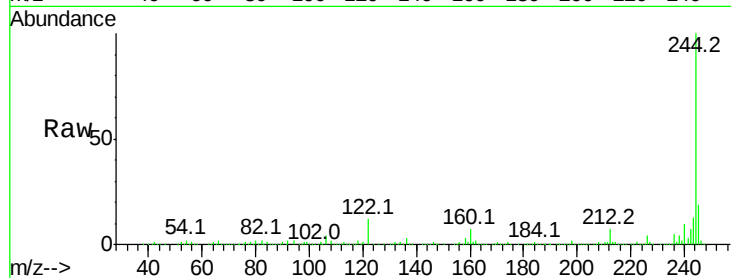
Tot Ion:244 Resp: 984924

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

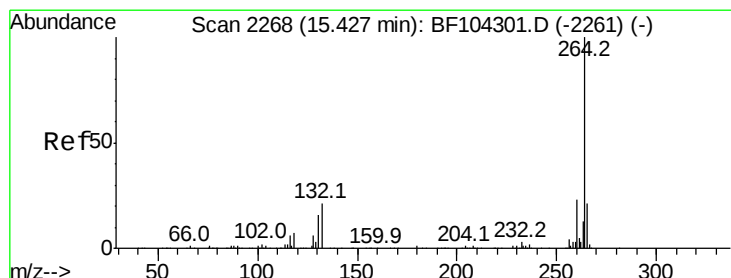
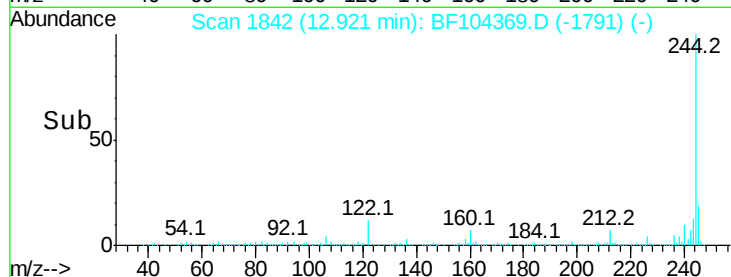
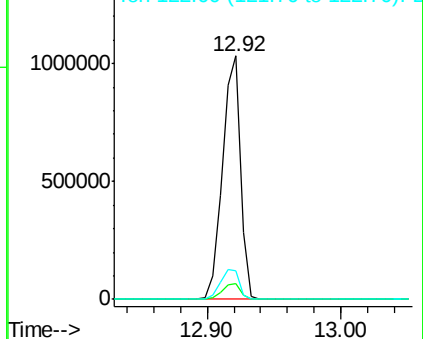
122 11.9 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. -0.00 min

Lab File: BF104369.D

Acq: 9 Apr 2018 13:58

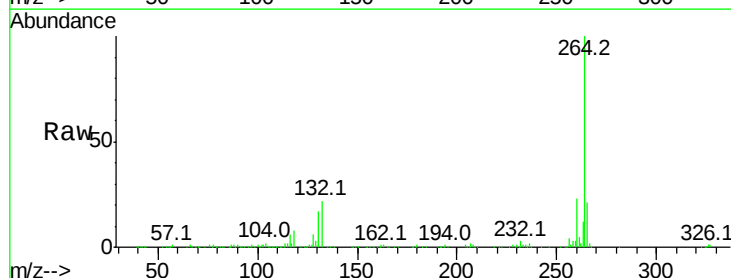
Tgt Ion:264 Resp: 275045

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.0 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

