

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104346.D
 Acq On : 7 Apr 2018 9:24
 Operator : JU/SJ
 Sample : J2255-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 040418-JETB-E-D-B

Quant Time: Apr 09 00:48:49 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

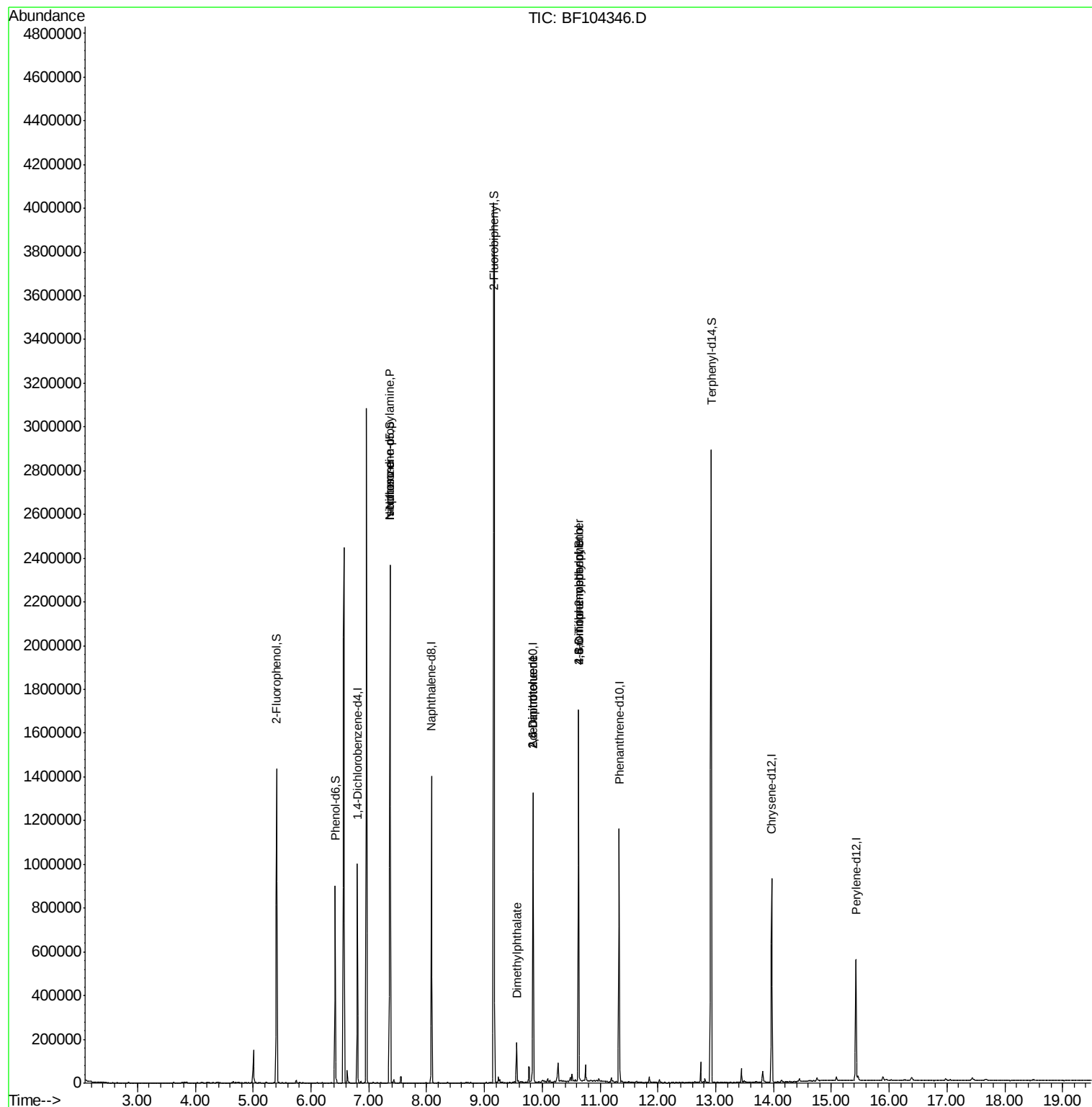
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	145093	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	571081	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	251305	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	365128	20.00	ng	0.00
75) Chrysene-d12	13.97	240	284302	20.00	ng	0.00
86) Perylene-d12	15.43	264	256236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	381303	40.18	ng	0.00
7) Phenol-d6	6.42	99	282785	24.25	ng	-0.01
23) Nitrobenzene-d5	7.37	82	851857	97.40	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	194933	74.78	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1430257	89.91	ng	0.00
78) Terphenyl-d14	12.92	244	1024587	82.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	111900	14.688	ng	# 73
25) Isophorone	7.37	82	851251	46.028	ng	# 64
49) Dimethylphthalate	9.56	163	65865	3.324	ng	# 99
50) 2,6-Dinitrotoluene	9.84	165	32525	8.870	ng	# 26
56) 2,4-Dinitrotoluene	9.84	165	32525	6.762	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	478	7.575	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	11489	2.958	ng	# 1
76) Benzidine	12.92	184	13198	Below Cal		99

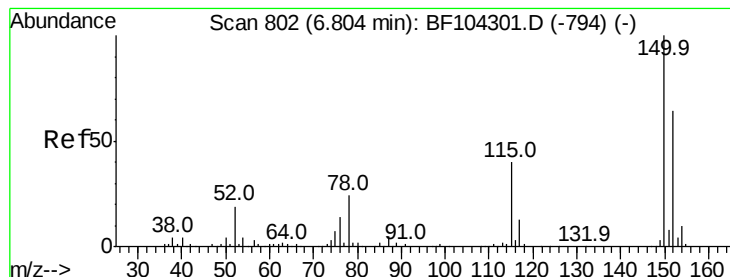
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF104346.D

Acq: 7 Apr 2018 9:24

Instrument :

BNA_F

ClientSampleId :

040418-JETB-E-D-B

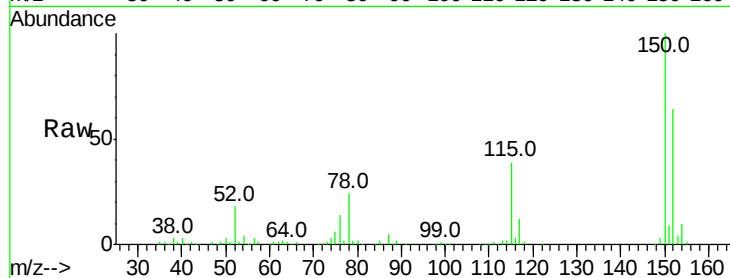
Tot Ion:152 Resp: 145093

Ion Ratio Lower Upper

152 100

150 155.9 124.6 186.8

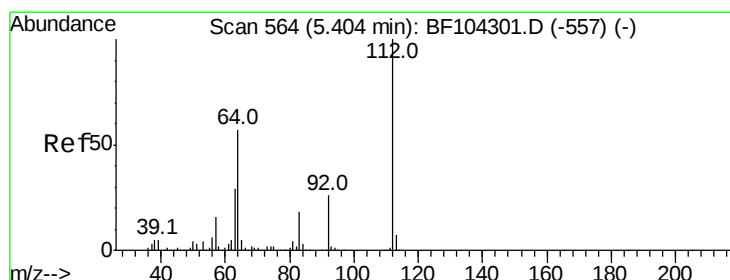
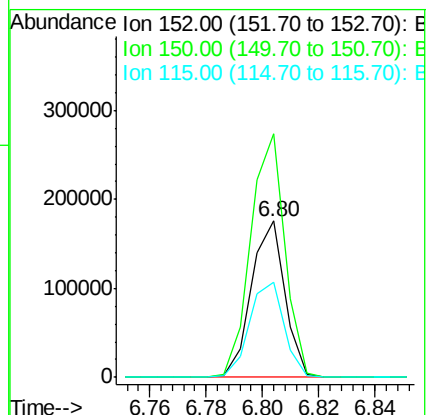
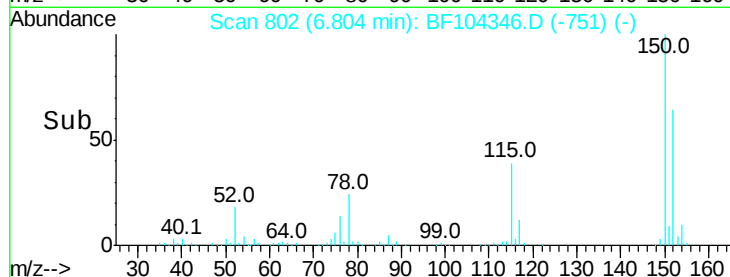
115 61.0 50.1 75.1



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: 40.183 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF104346.D

Acq: 7 Apr 2018 9:24

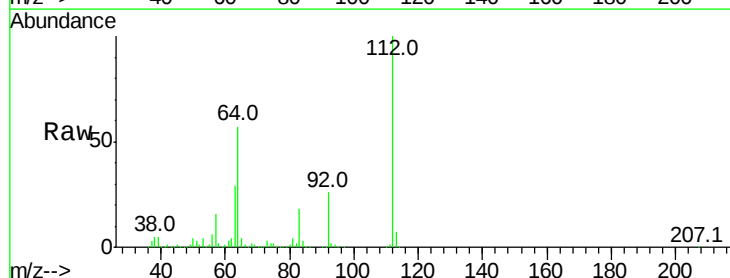
Tgt Ion:112 Resp: 381303

Ion Ratio Lower Upper

112 100

64 56.5 47.9 71.9

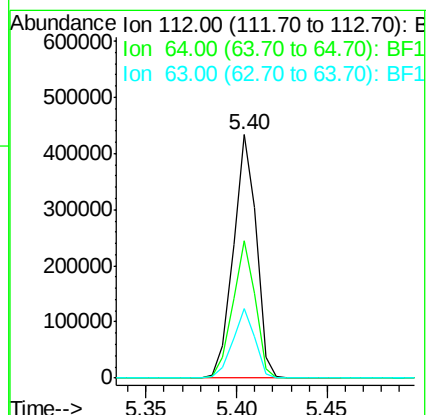
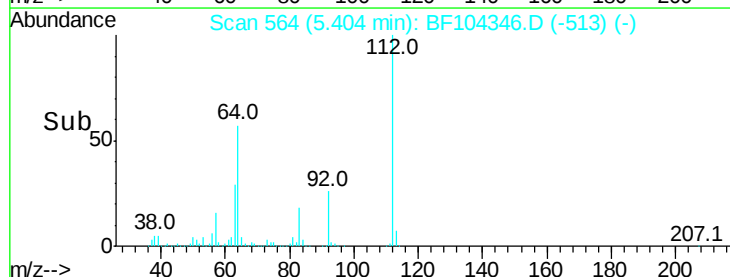
63 28.5 23.7 35.5

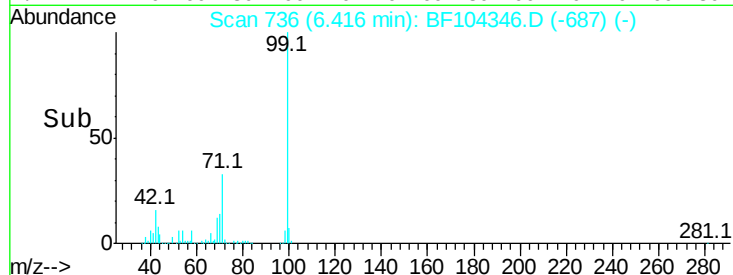
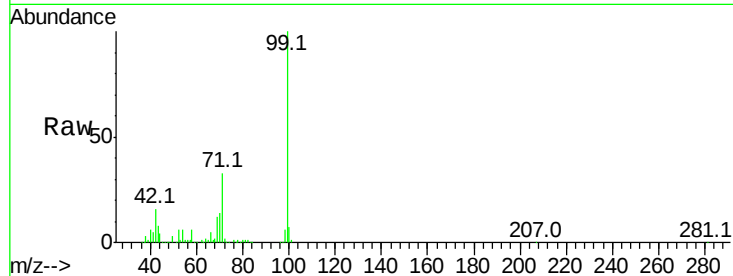


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 24.255 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104346.D

Acq: 7 Apr 2018 9:24

Instrument :

BNA_F

ClientSampleId :

040418-JETB-E-D-B

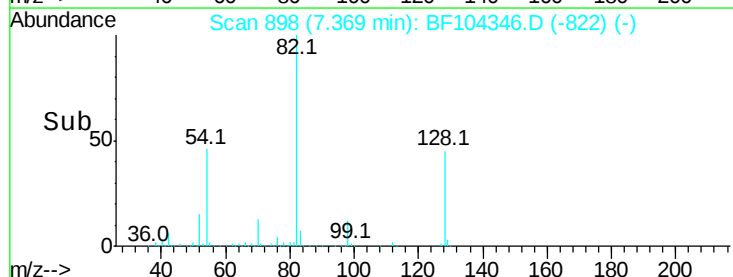
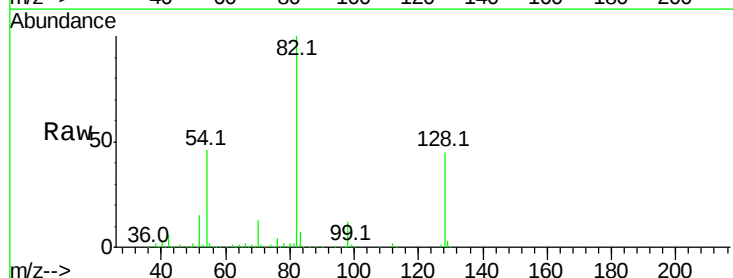
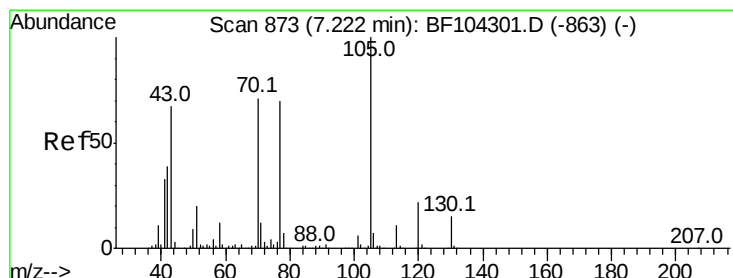
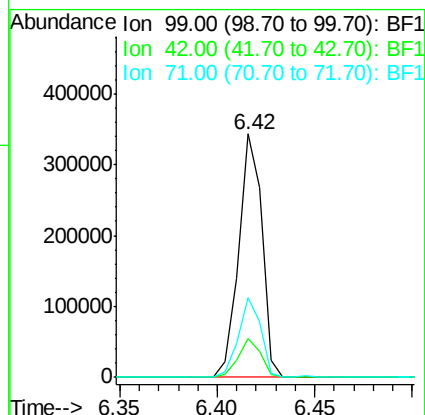
Tot Ion: 99 Resp: 282785

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 32.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.688 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104346.D

Acq: 7 Apr 2018 9:24

Tgt Ion: 70 Resp: 111900

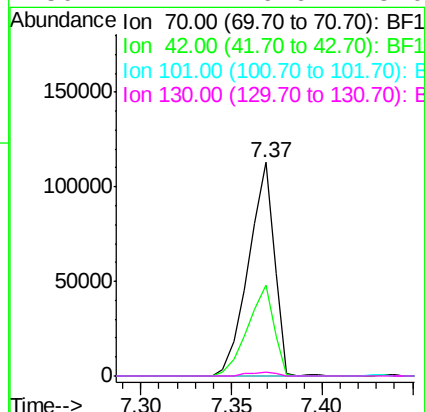
Ion Ratio Lower Upper

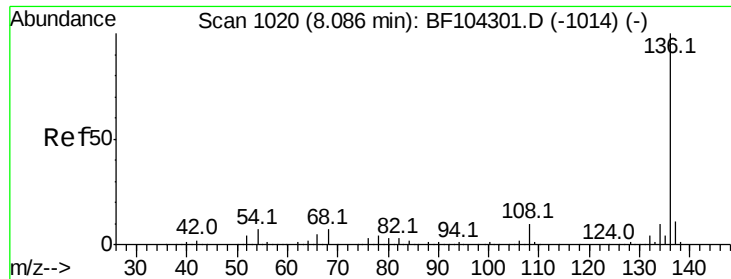
70 100

42 42.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

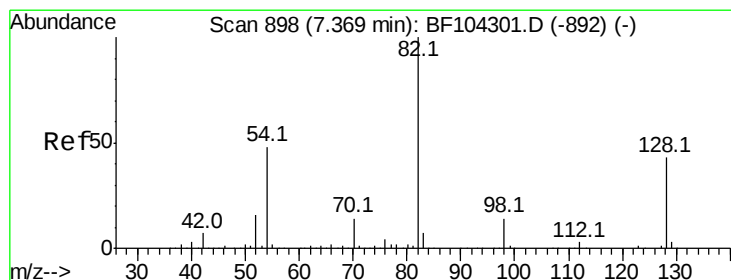
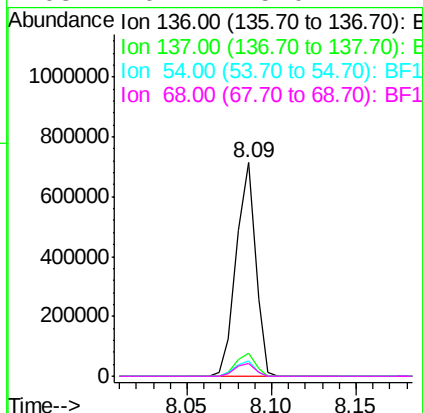
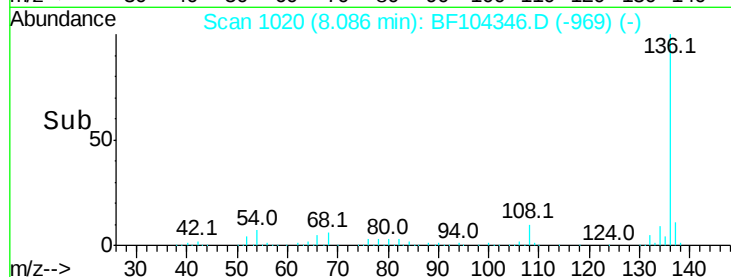
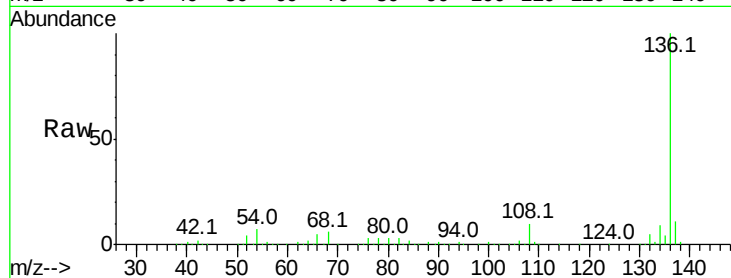




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104346.D
Acq: 7 Apr 2018 9:24

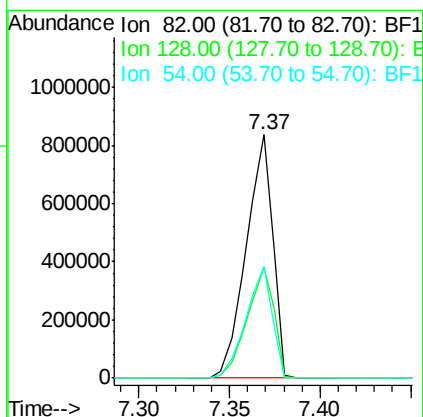
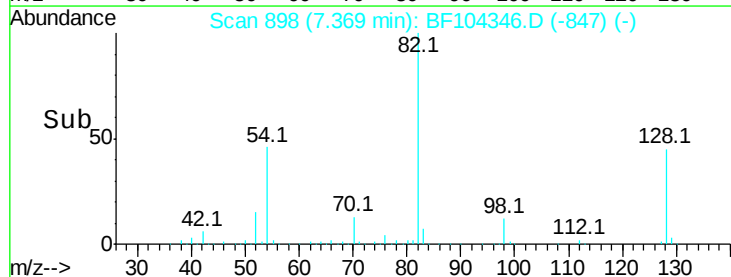
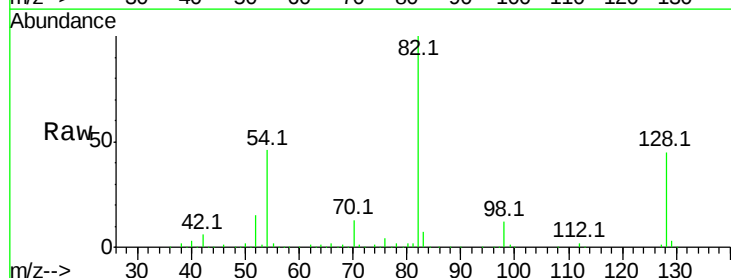
Instrument :
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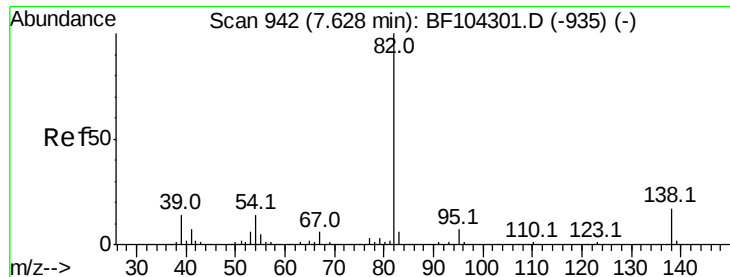
Tot Ion:	136	Resp:	571081
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.0	6.6	9.8
68	6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 97.402 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104346.D
Acq: 7 Apr 2018 9:24

Tgt Ion:	82	Resp:	851857
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	46.1	41.4	62.2





#25

Isophorone

Concen: 46.028 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104346.D

Acq: 7 Apr 2018 9:24

Instrument :

BNA_F

ClientSampleId :

040418-JETB-E-D-B

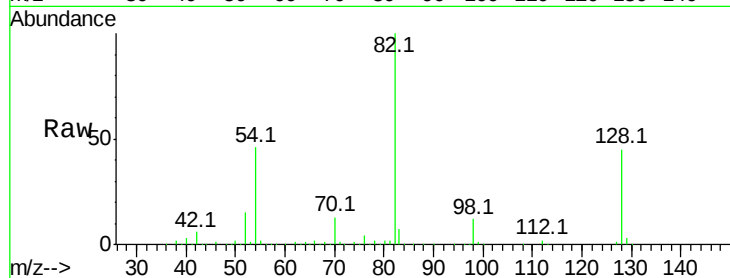
Tot Ion: 82 Resp: 851251

Ion Ratio Lower Upper

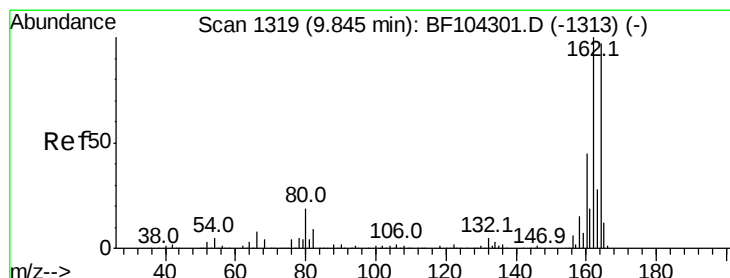
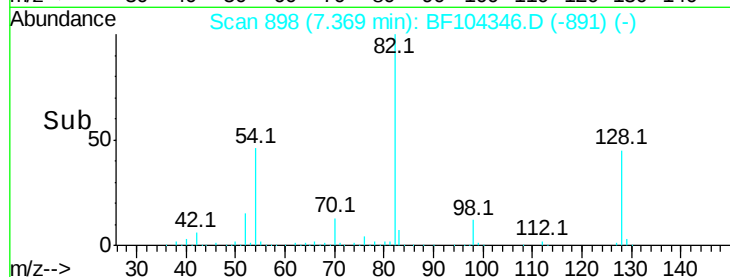
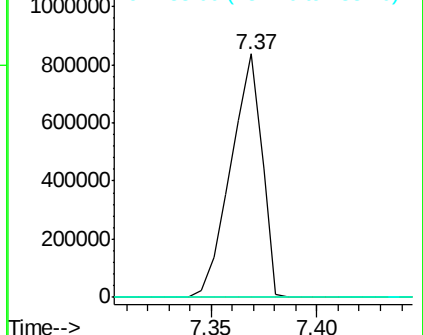
82 100

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: BF104346.D

Acq: 7 Apr 2018 9:24

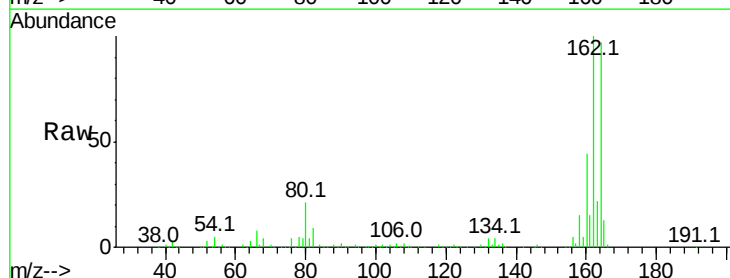
Tgt Ion:164 Resp: 251305

Ion Ratio Lower Upper

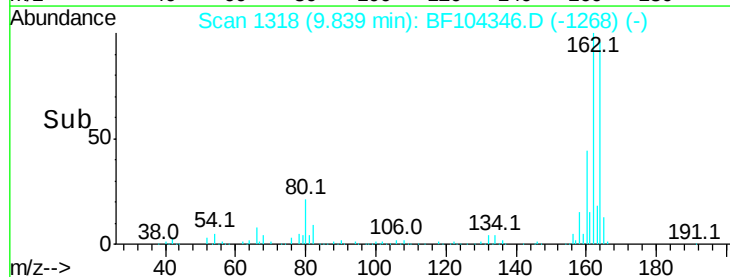
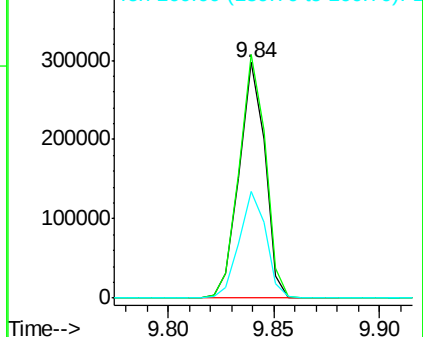
164 100

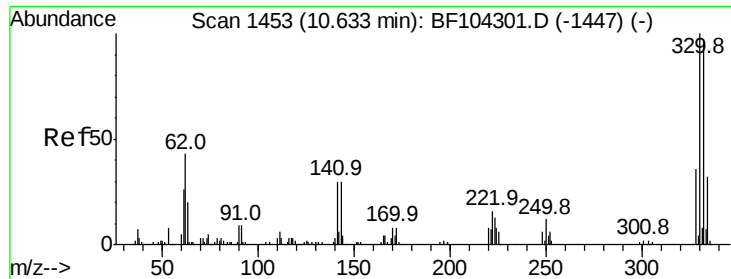
162 103.3 86.1 129.1

160 45.5 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

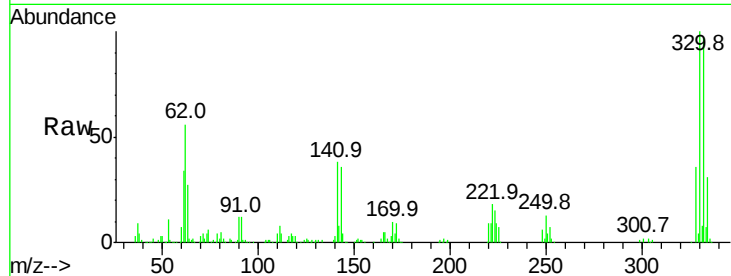




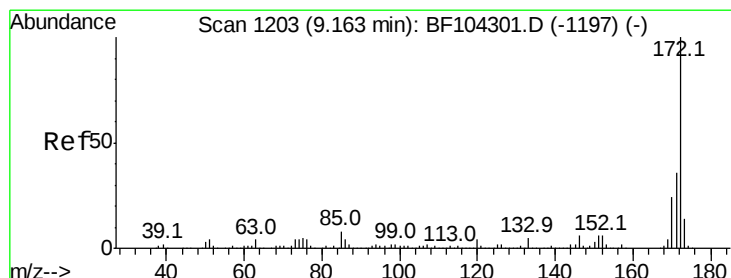
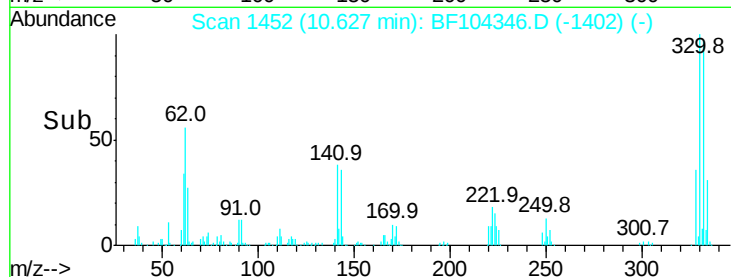
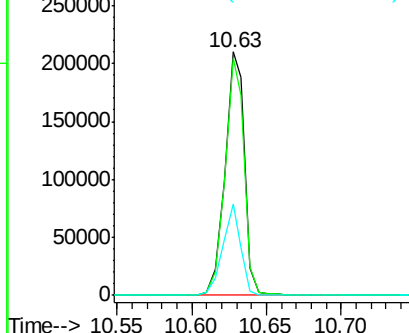
#41
 2,4,6-Tribromophenol
 Concen: 74.777 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104346.D
 Acq: 7 Apr 2018 9:24

Instrument :
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 040418-JETB-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	34.4	29.9	44.9

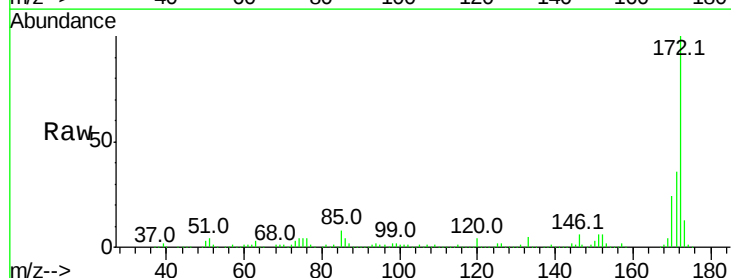


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

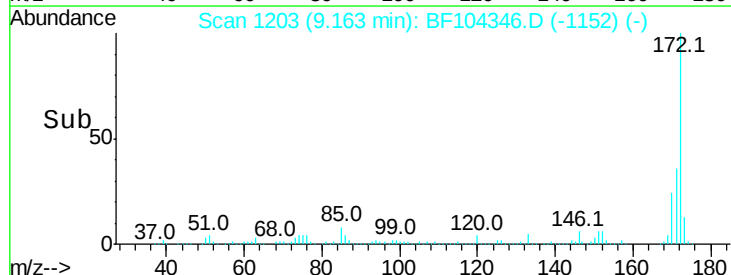
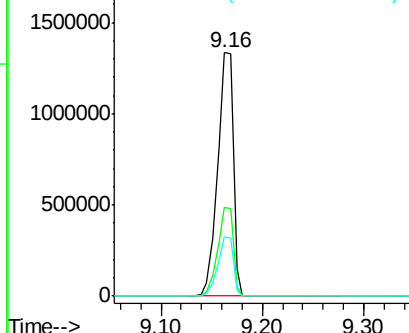


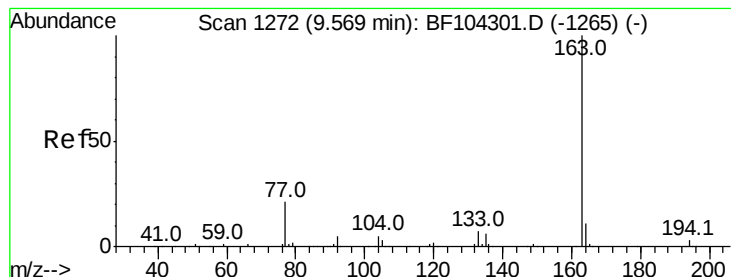
#44
 2-Fluorobiphenyl
 Concen: 89.909 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104346.D
 Acq: 7 Apr 2018 9:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	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: 3.324 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104346.D

Acq: 7 Apr 2018 9:24

Instrument :

BNA_F

ClientSampleId :

040418-JETB-E-D-B

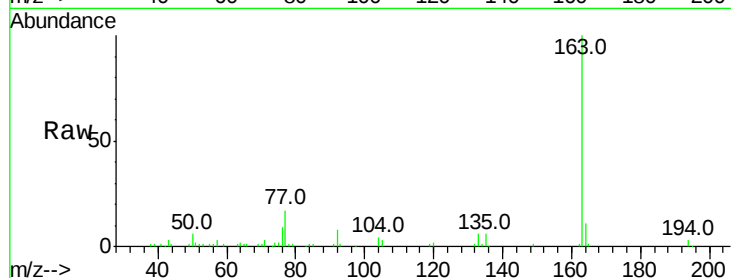
Tot Ion:163 Resp: 65865

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

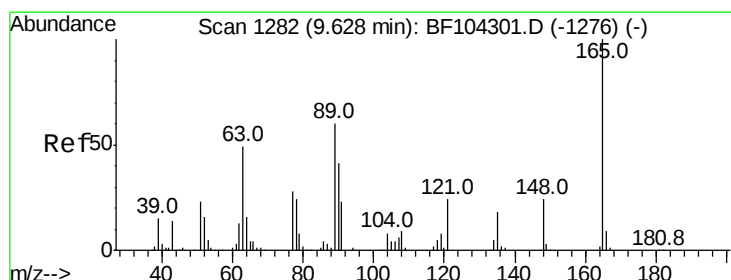
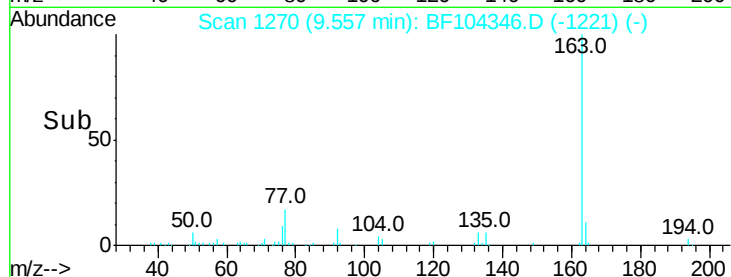
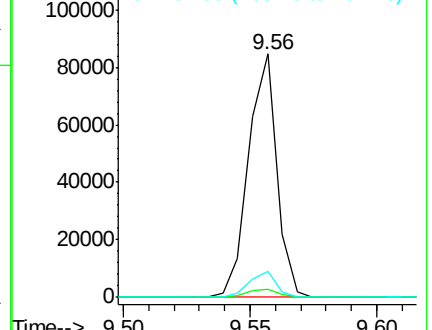
164 10.7 8.2 12.2



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: 8.870 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.21 min

Lab File: BF104346.D

Acq: 7 Apr 2018 9:24

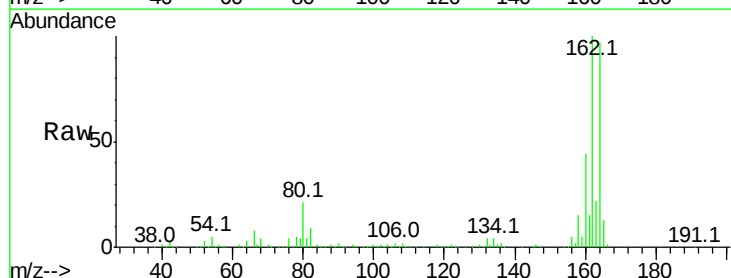
Tgt Ion:165 Resp: 32525

Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

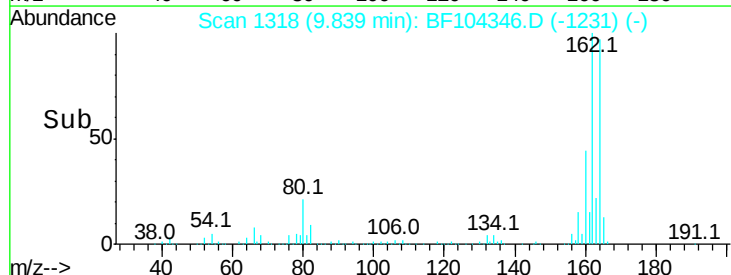
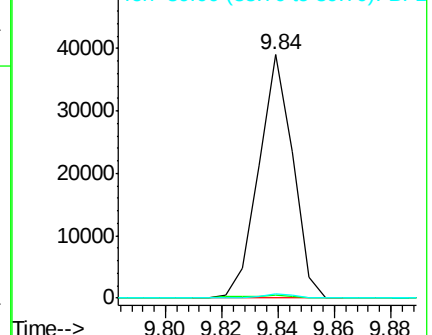
89 1.8 44.0 66.0#

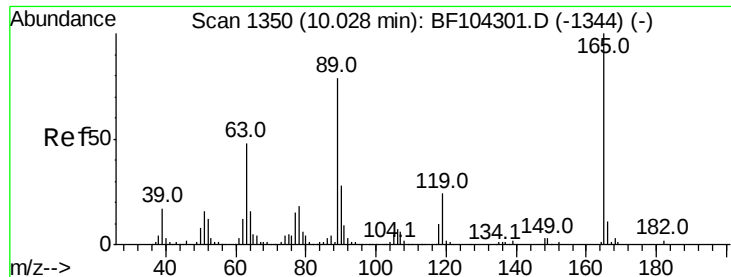


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

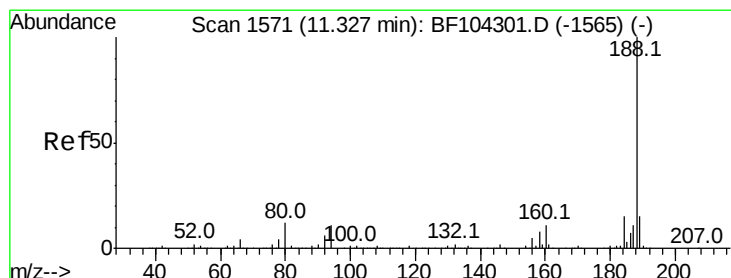
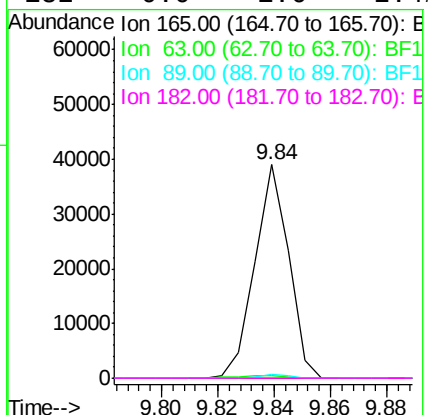
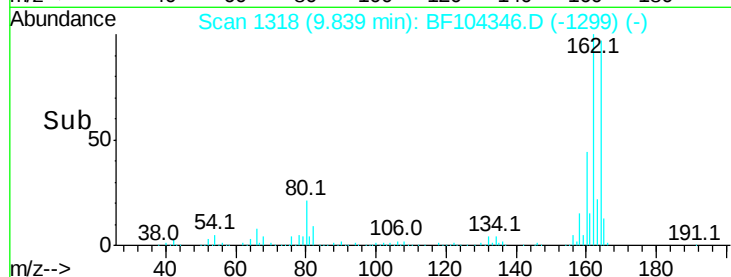
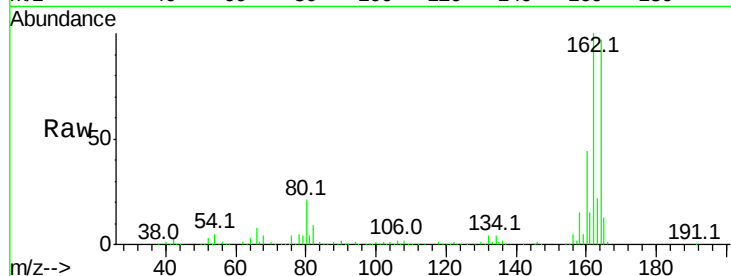




#56
 2,4-Dinitrotoluene
 Concen: 6.762 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.19 min
 Lab File: BF104346.D
 Acq: 7 Apr 2018 9:24

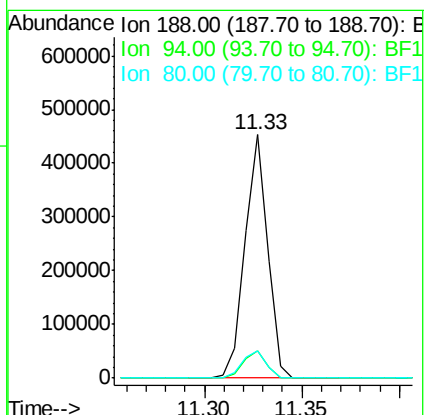
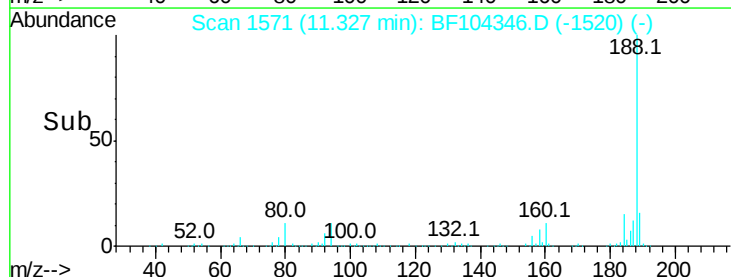
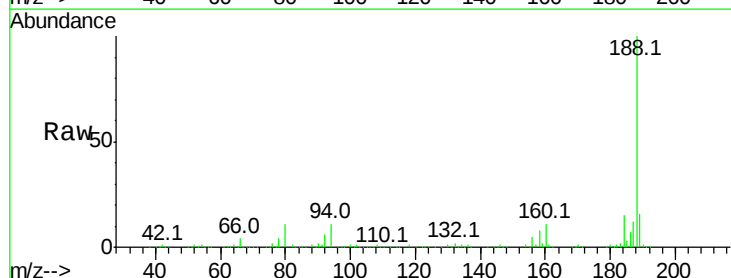
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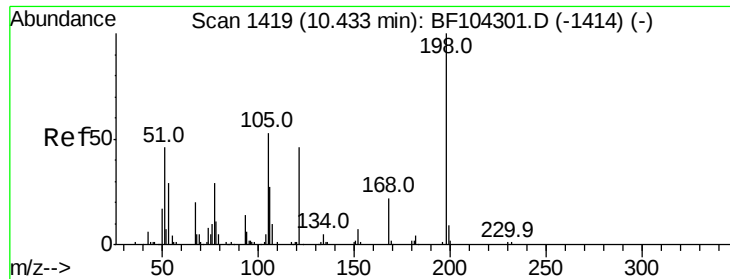
Tot Ion:165	Resp:	32525	
Ion Ratio	Lower	Upper	
165 100			
63 1.4	36.4	54.6#	
89 1.8	57.8	86.6#	
182 0.0	1.6	2.4#	



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF104346.D
 Acq: 7 Apr 2018 9:24

Tgt	Ion:188	Resp:	365128
Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.4	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.575 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.19 min

Lab File: BF104346.D

Acq: 7 Apr 2018 9:24

Instrument :

BNA_F

ClientSampleId :

040418-JETB-E-D-B

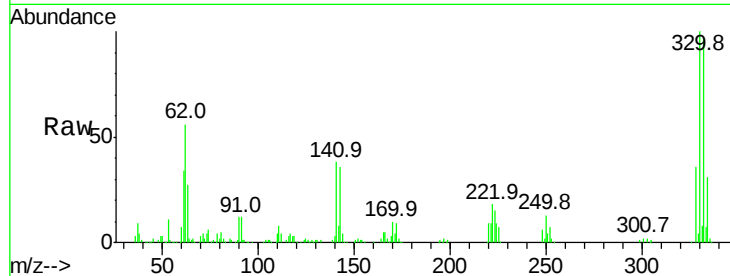
Tot Ion:198 Resp: 478

Ion Ratio Lower Upper

198 100

51 159.7 37.7 77.7#

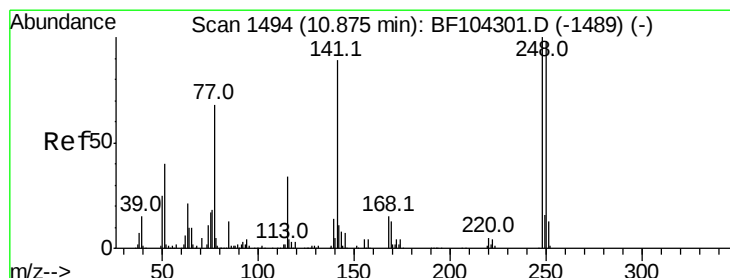
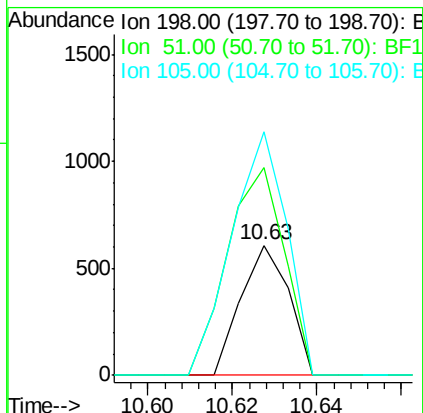
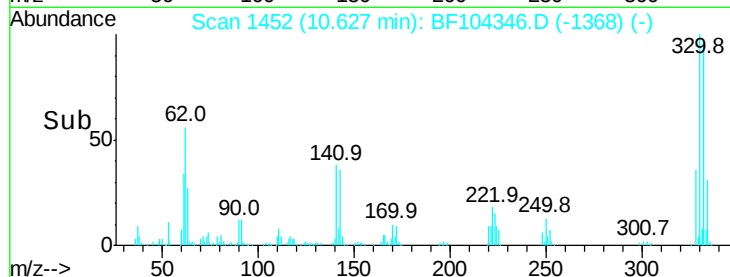
105 187.2 36.3 76.3#



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: 2.958 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.25 min

Lab File: BF104346.D

Acq: 7 Apr 2018 9:24

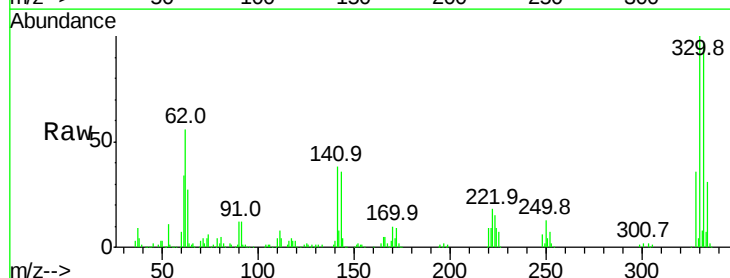
Tgt Ion:248 Resp: 11489

Ion Ratio Lower Upper

248 100

250 203.6 76.9 115.3#

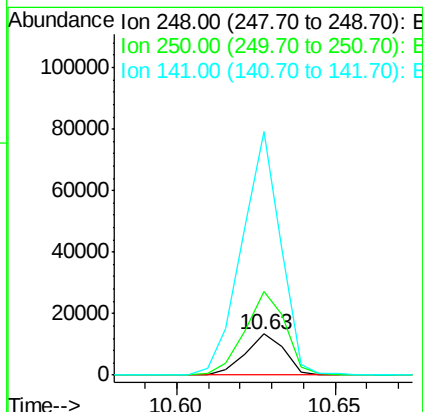
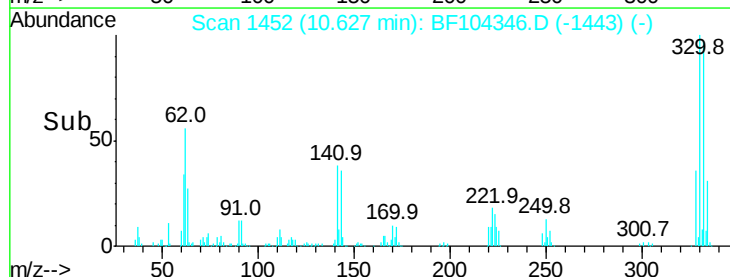
141 591.1 74.4 111.6#

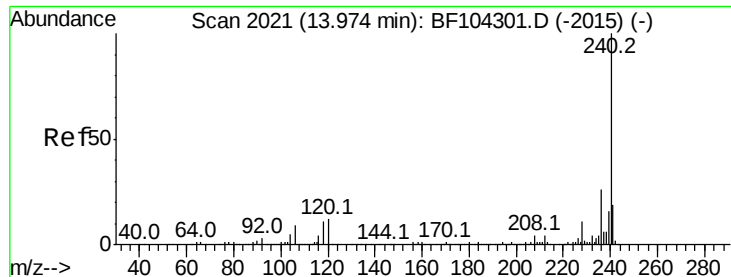


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF104346.D

Acq: 7 Apr 2018 9:24

Instrument :

BNA_F

ClientSampleId :

040418-JETB-E-D-B

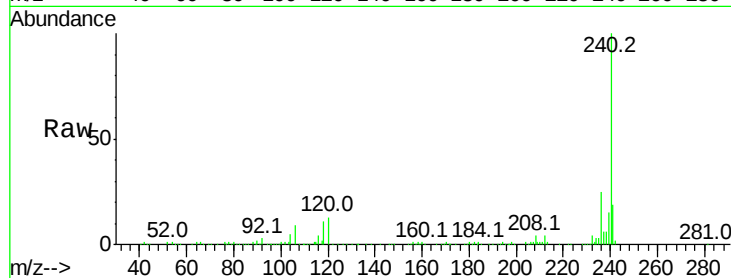
Tot Ion:240 Resp: 284302

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

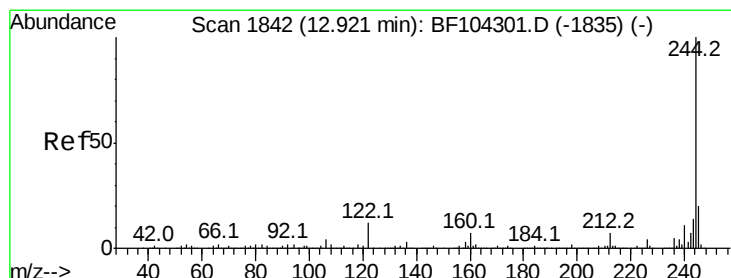
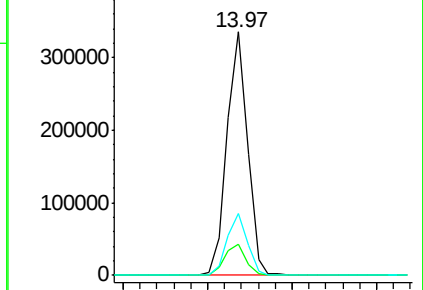
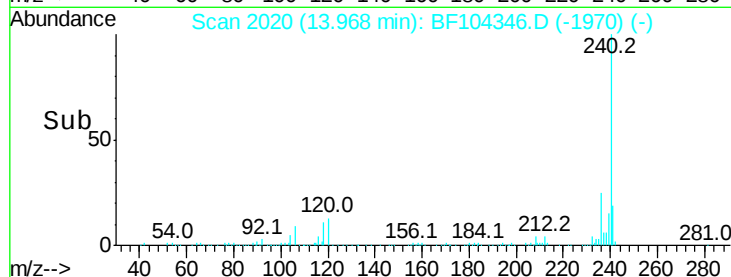
236 25.5 20.7 31.1



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: 82.162 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104346.D

Acq: 7 Apr 2018 9:24

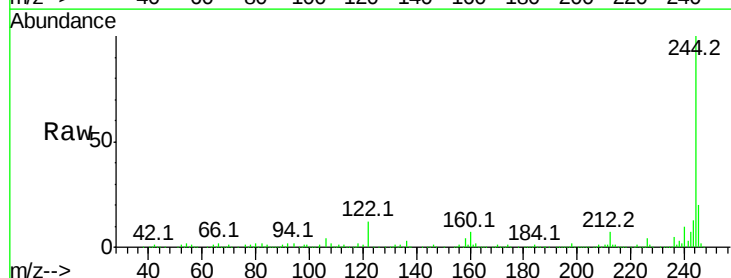
Tgt Ion:244 Resp: 1024587

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

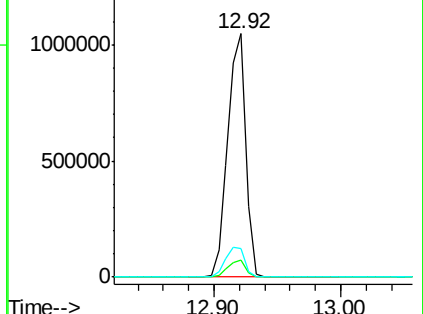
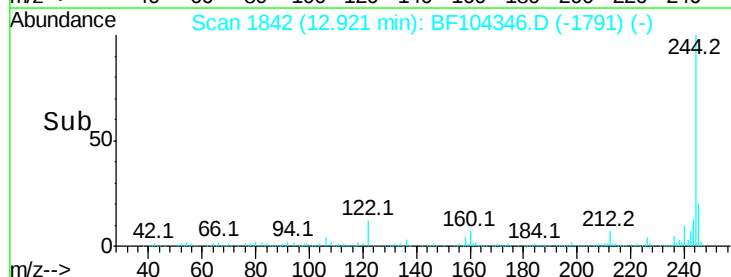
122 12.0 11.0 16.4

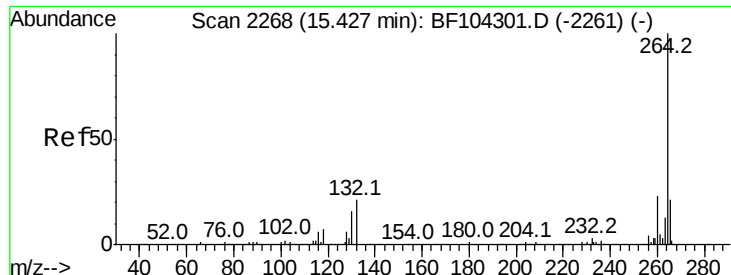


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

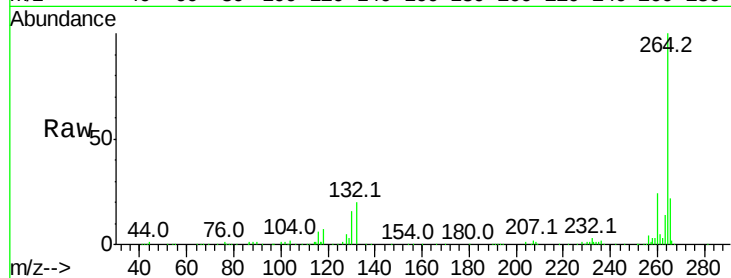




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: BF104346.D
 Acq: 7 Apr 2018 9:24

Instrument :
 BNA_F
 ClientSampleId :
 040418-JETB-E-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	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

