

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
 Data File : BF104413.D
 Acq On : 10 Apr 2018 17:13
 Operator : JU/SJ
 Sample : J2297-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 18:13:21 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

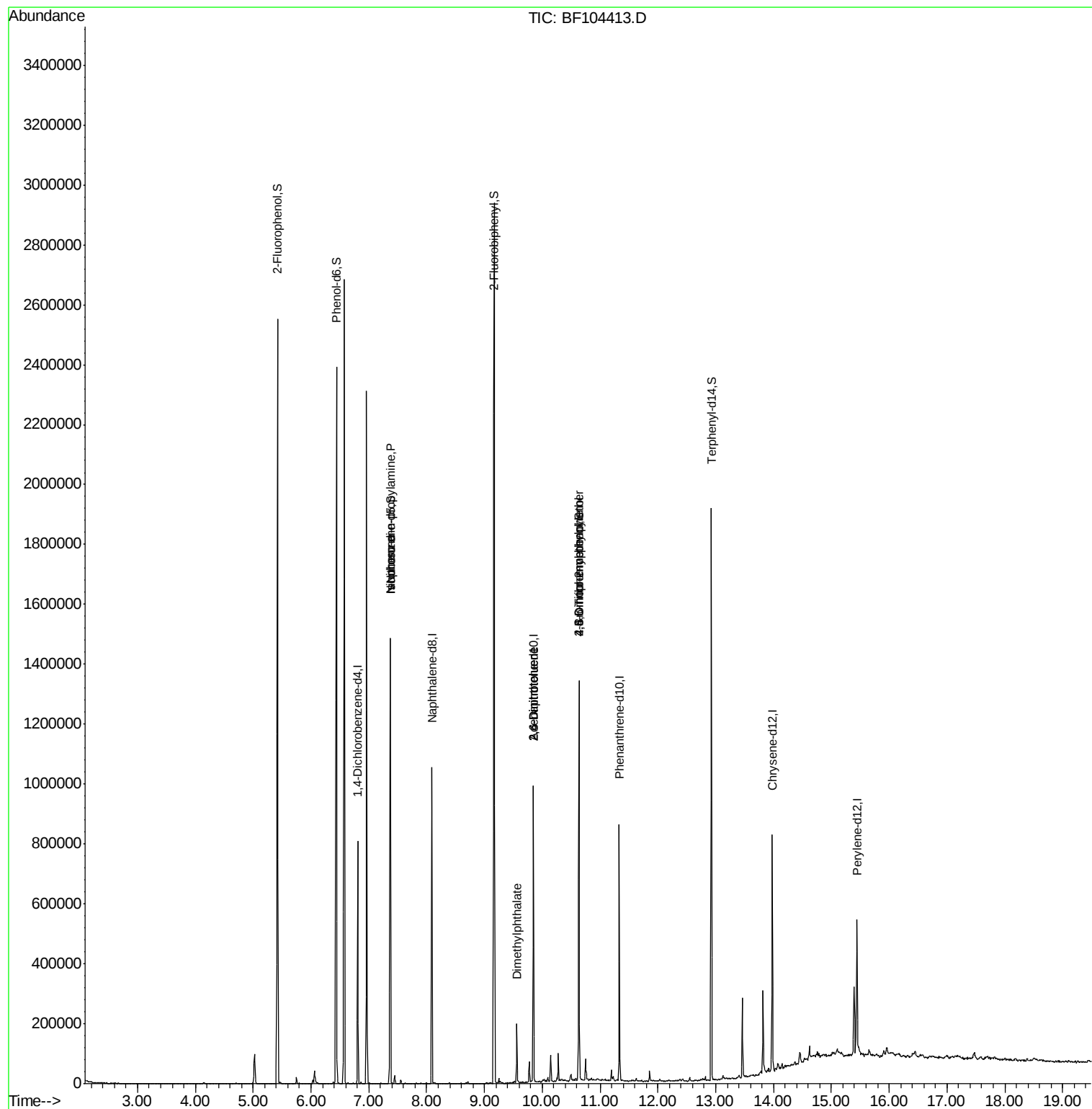
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	120904	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	467232	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	184496	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	271383	20.00	ng	0.00
75) Chrysene-d12	13.98	240	261323	20.00	ng	0.00
86) Perylene-d12	15.44	264	182034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	754304	95.40	ng	0.01
7) Phenol-d6	6.44	99	904964	93.15	ng	0.00
23) Nitrobenzene-d5	7.37	82	544129	76.04	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	160298	83.76	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	873745	74.81	ng	0.00
78) Terphenyl-d14	12.93	244	670144	58.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	71007	11.185	ng	# 74
25) Isophorone	7.37	82	542229	35.836	ng	# 64
49) Dimethylphthalate	9.56	163	75349	5.179	ng	# 99
50) 2,6-Dinitrotoluene	9.85	165	22831	8.481	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	22831	6.465	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.63	198	306	7.543	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	9731	3.371	ng	# 1
76) Benzidine	12.92	184	8147	Below Cal		# 92

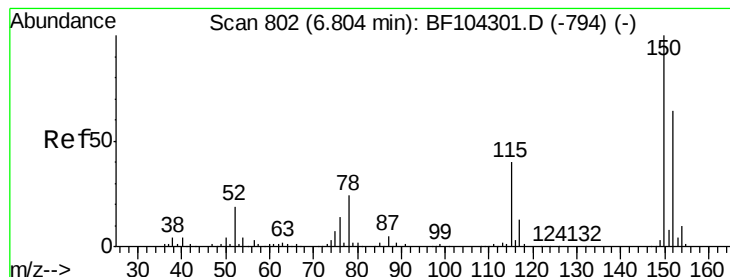
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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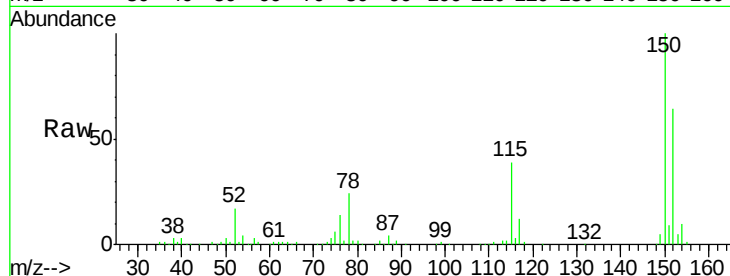


#1

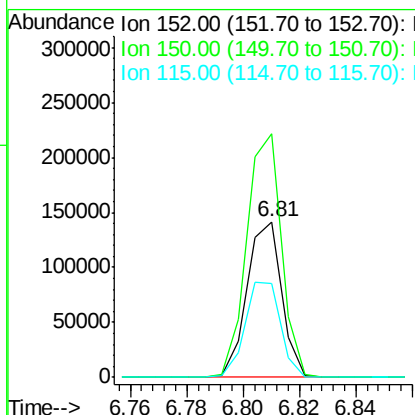
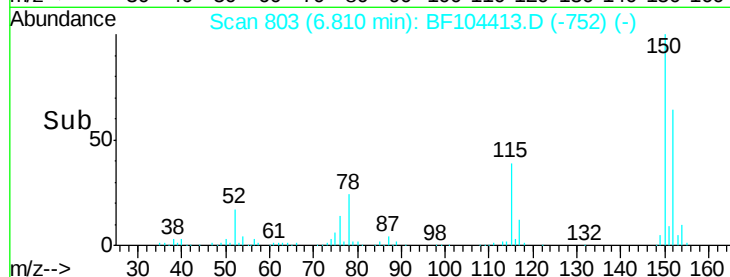
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104413.D
Acq: 10 Apr 2018 17:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 120904
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 60.4 50.1 75.1



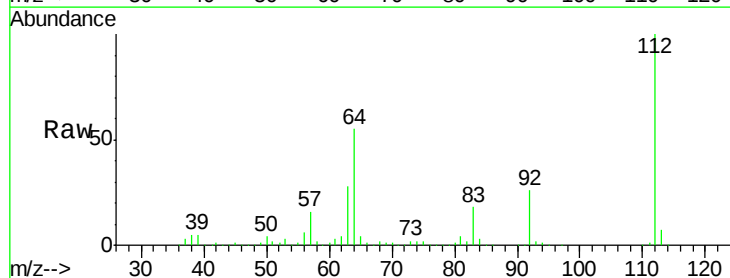
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



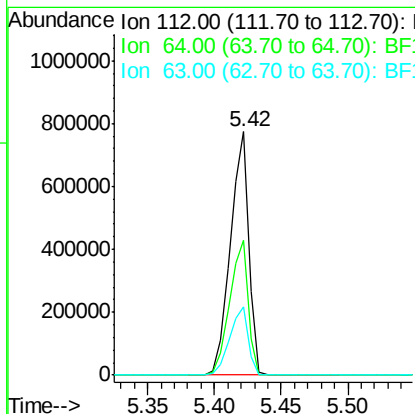
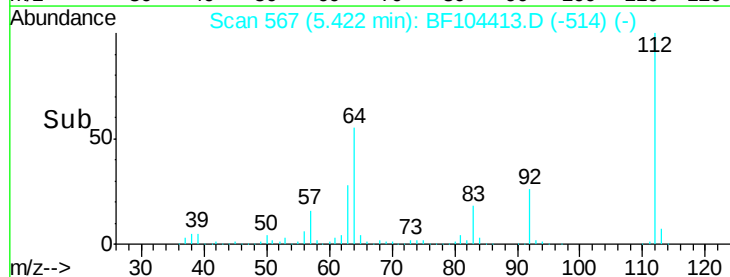
#5

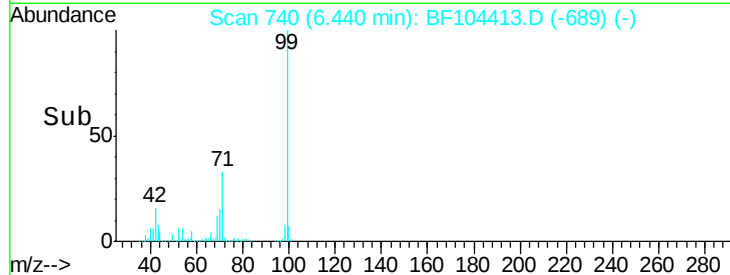
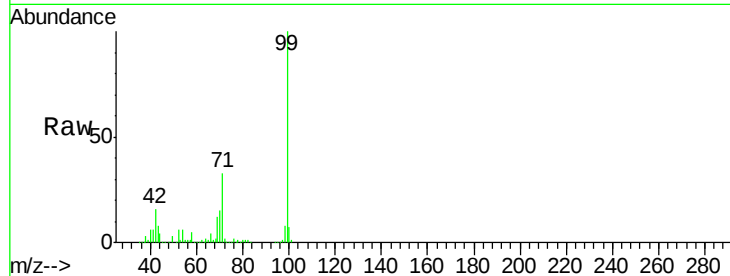
2-Fluorophenol
Concen: 95.396 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104413.D
Acq: 10 Apr 2018 17:13

Tgt Ion:112 Resp: 754304
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 28.0 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: 93.149 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104413.D

Acq: 10 Apr 2018 17:13

Instrument :

BNA_F

ClientSampled :

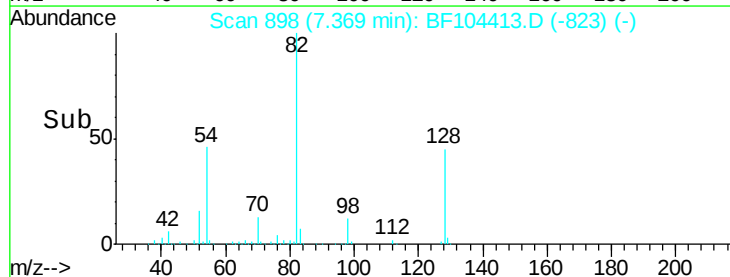
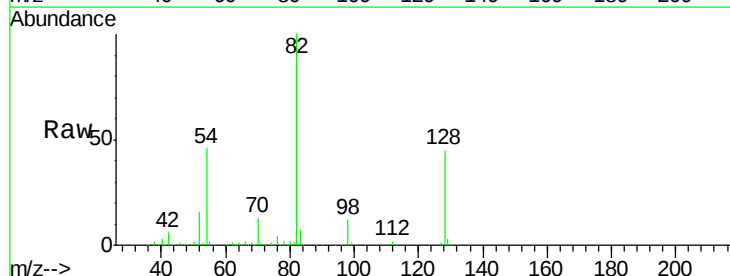
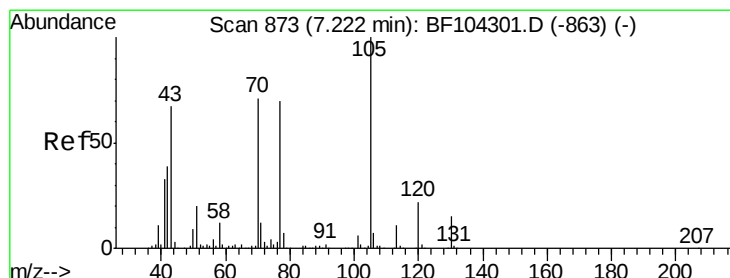
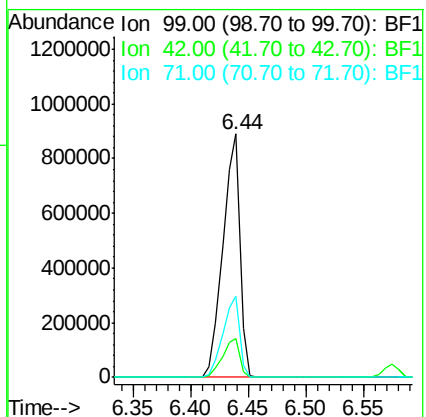
Tot Ion: 99 Resp: 904964

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

71 33.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.185 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF104413.D

Acq: 10 Apr 2018 17:13

Tgt Ion: 70 Resp: 71007

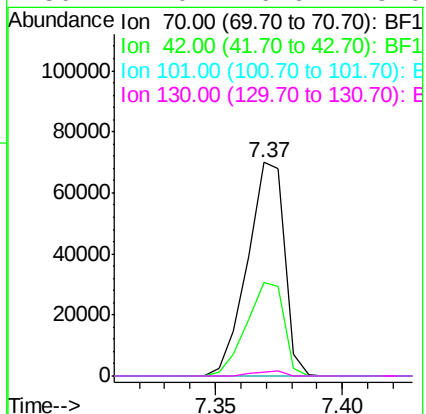
Ion Ratio Lower Upper

70 100

42 44.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

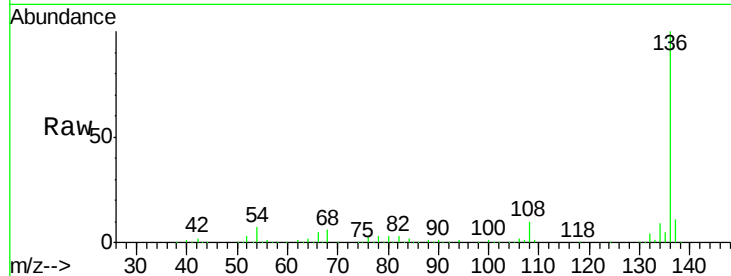




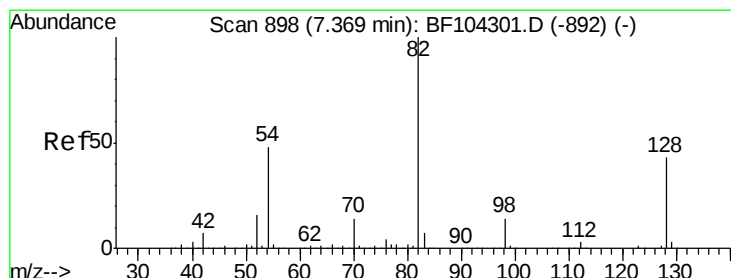
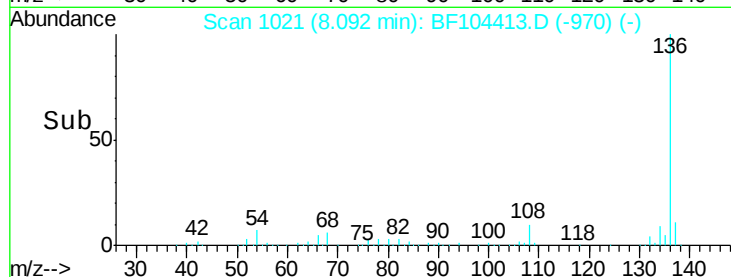
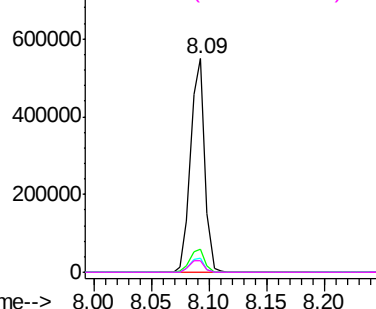
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104413.D
Acq: 10 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	467232
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 6.6	6.6	9.8
68 5.7	5.0	7.4

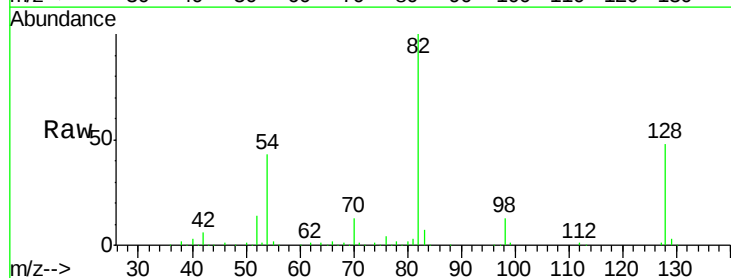


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

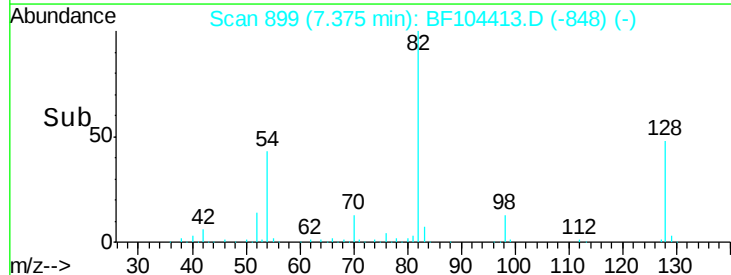
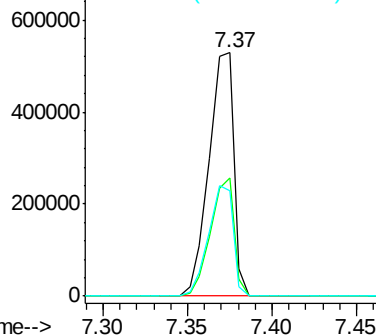


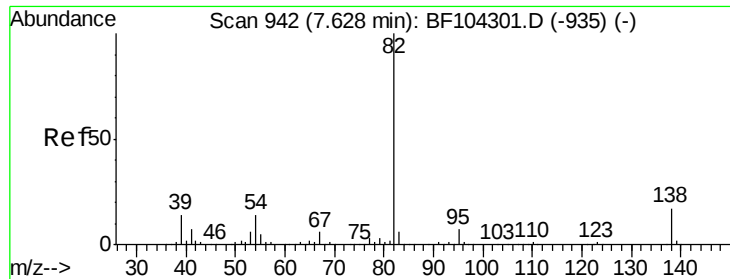
#23
Nitrobenzene-d5
Concen: 76.045 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF104413.D
Acq: 10 Apr 2018 17:13

Tgt Ion: 82	Resp:	544129
Ion Ratio	Lower	Upper
82 100		
128 48.4	36.1	54.1
54 43.2	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: 35.836 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF104413.D

Acq: 10 Apr 2018 17:13

Instrument :

BNA_F

ClientSampleId :

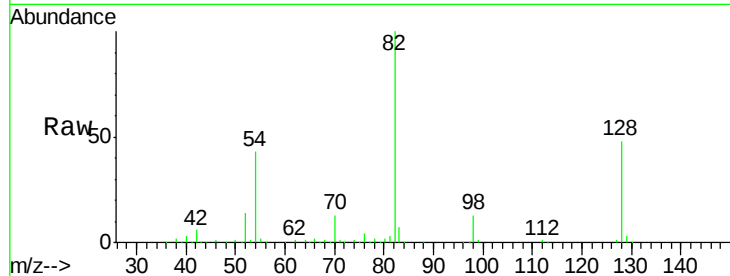
Tot Ion: 82 Resp: 542229

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

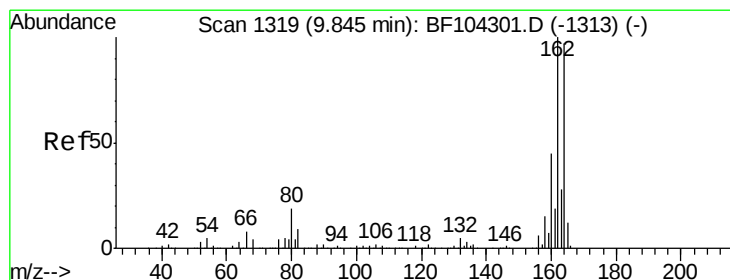
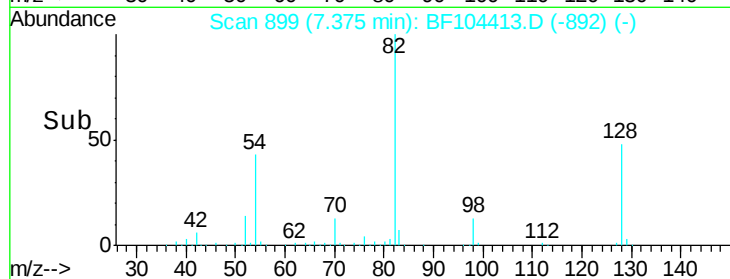
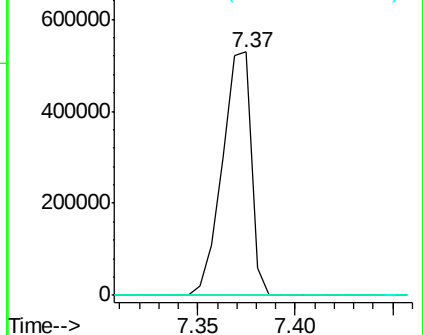
138 0.0 14.9 22.3#



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: BF104413.D

Acq: 10 Apr 2018 17:13

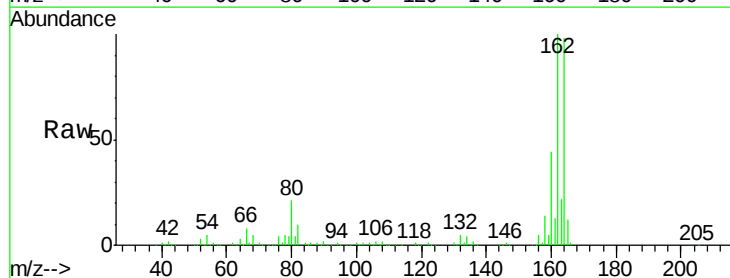
Tgt Ion:164 Resp: 184496

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

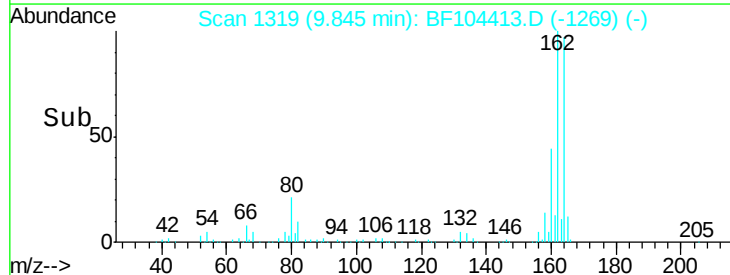
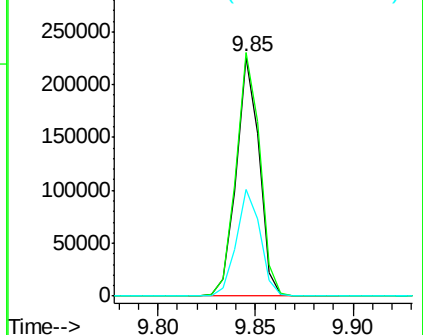
160 44.6 38.3 57.5



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

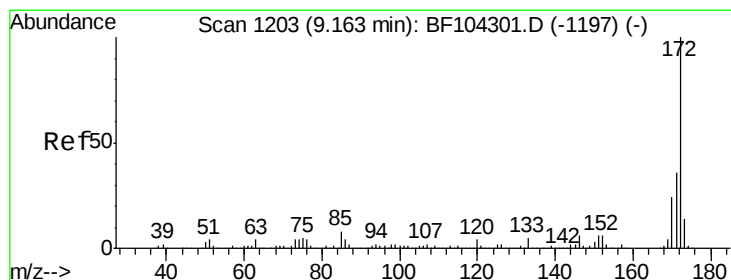
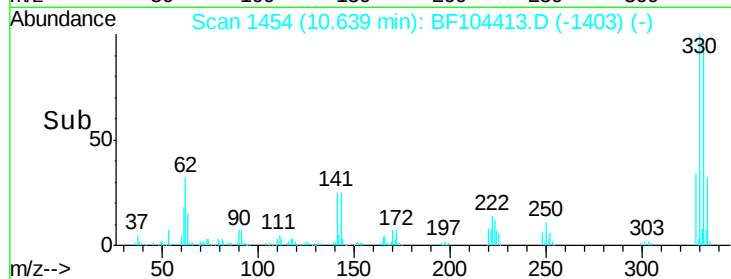
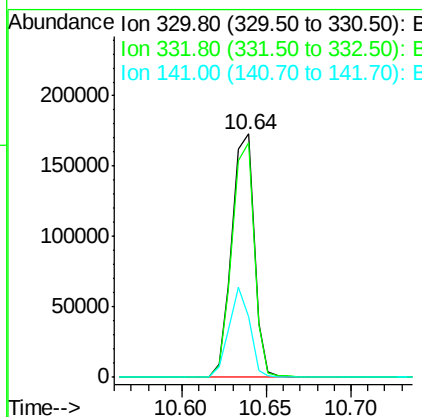
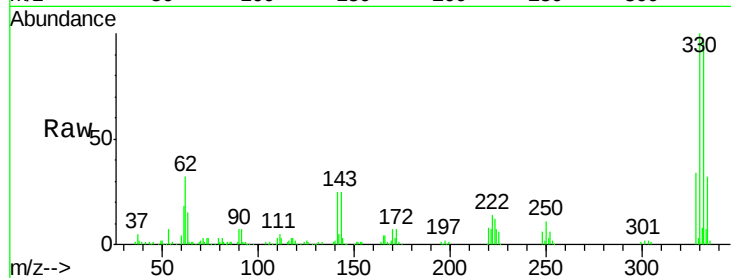




#41
 2,4,6-Tribromophenol
 Concen: 83.758 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104413.D
 Acq: 10 Apr 2018 17:13

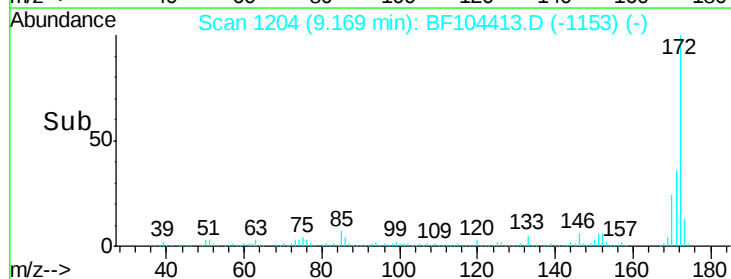
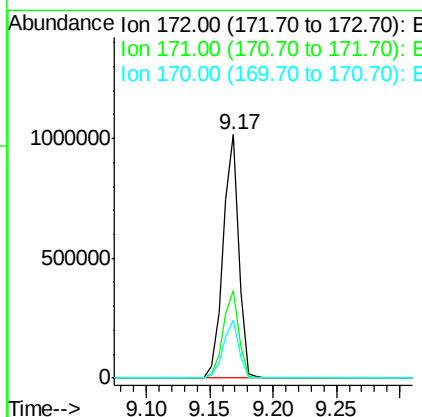
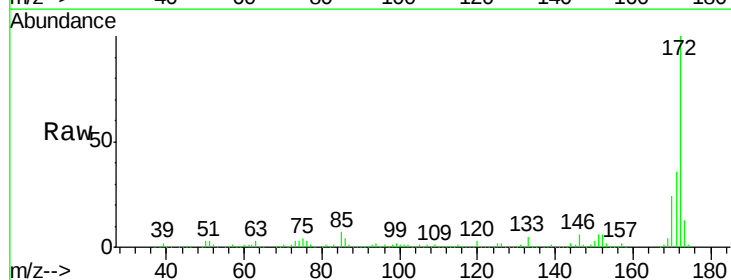
Instrument :
 BNA_F
 ClientSampleId :

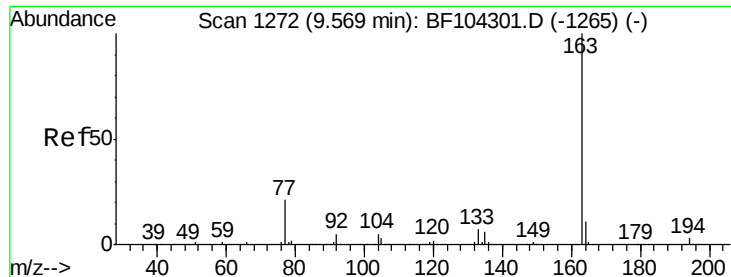
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	34.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 74.815 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104413.D
 Acq: 10 Apr 2018 17:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4

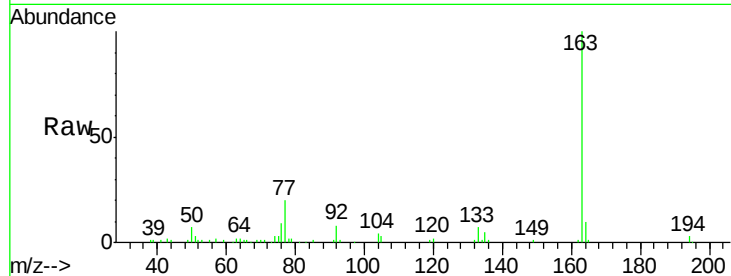




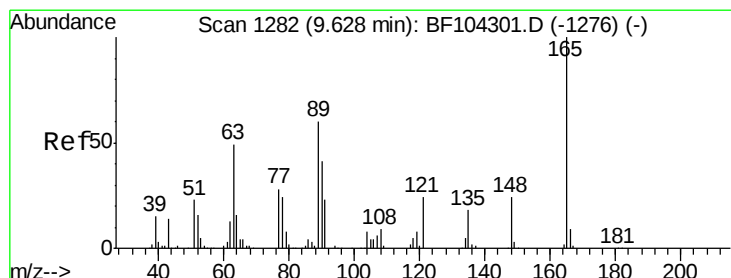
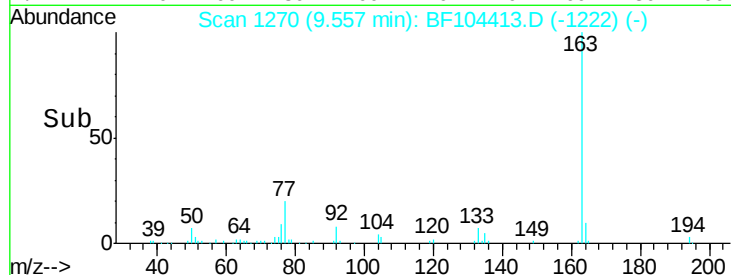
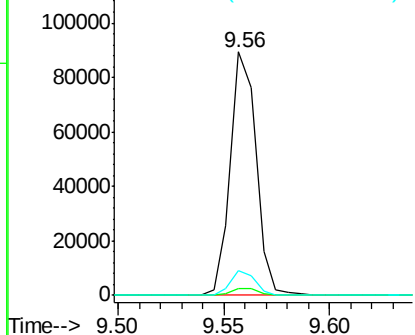
#49
Dimethylphthalate
Concen: 5.179 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104413.D
Acq: 10 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 75349
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.0 8.2 12.2

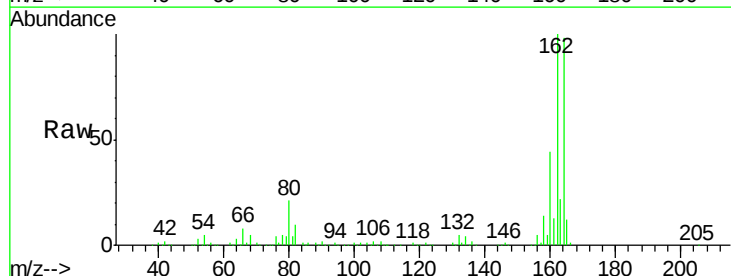


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

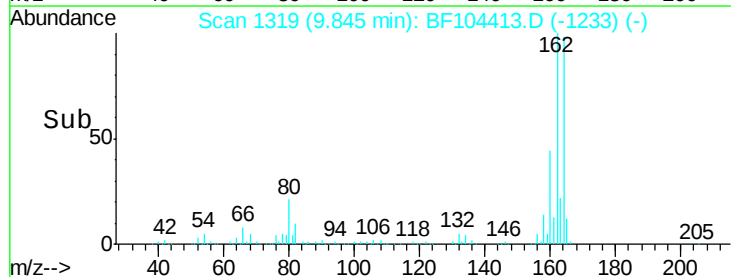
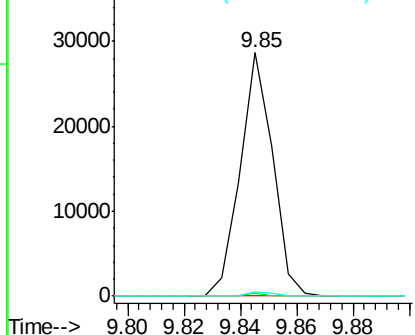


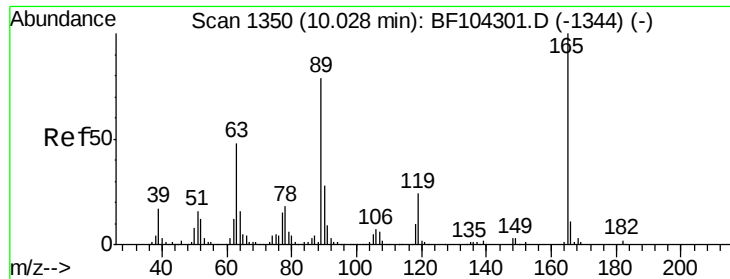
#50
2,6-Dinitrotoluene
Concen: 8.481 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF104413.D
Acq: 10 Apr 2018 17:13

Tgt Ion:165 Resp: 22831
Ion Ratio Lower Upper
165 100
63 1.5 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

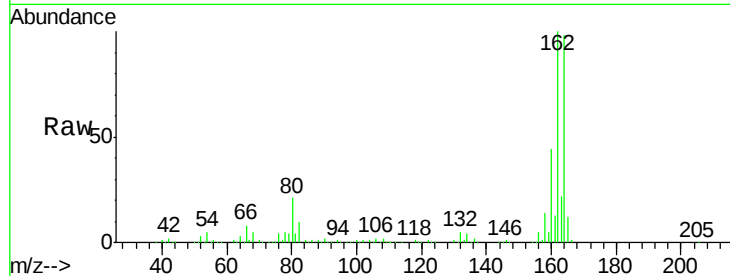




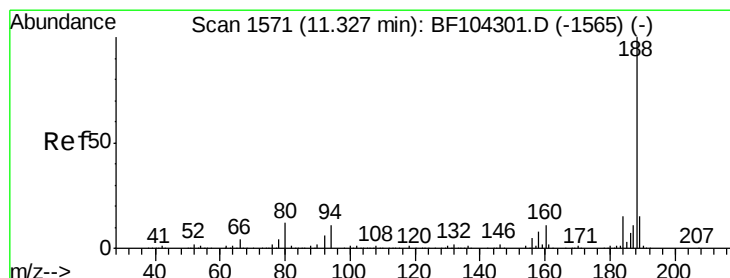
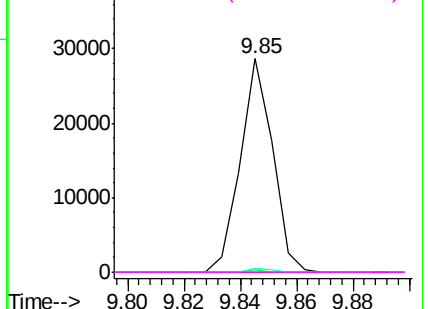
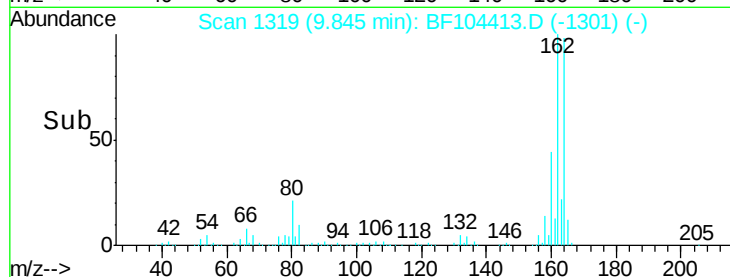
#56
 2,4-Dinitrotoluene
 Concen: 6.465 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.19 min
 Lab File: BF104413.D
 Acq: 10 Apr 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22831
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.8 57.8 86.6#
 182 0.0 1.6 2.4#

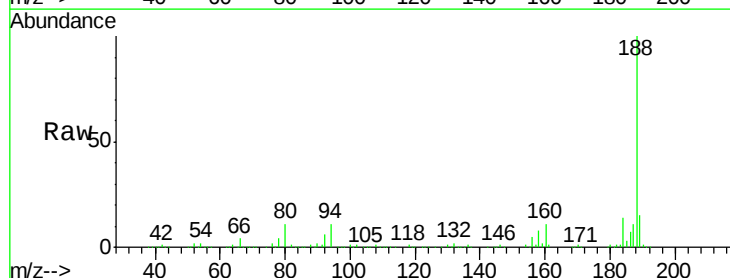


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

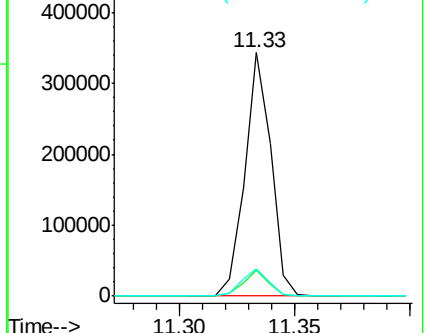
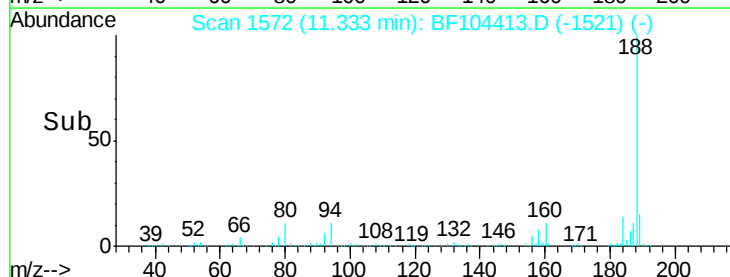


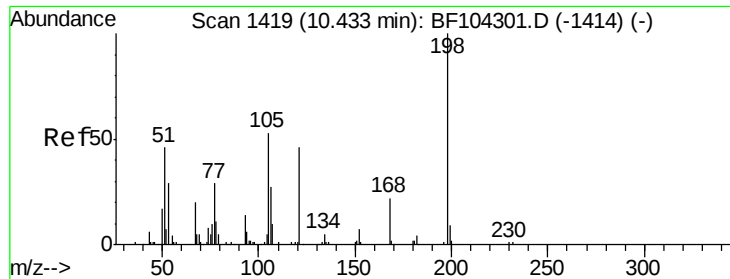
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF104413.D
 Acq: 10 Apr 2018 17:13

Tgt Ion:188 Resp: 271383
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.3 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: 7.543 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.19 min

Lab File: BF104413.D

Acq: 10 Apr 2018 17:13

Instrument :

BNA_F

ClientSampled :

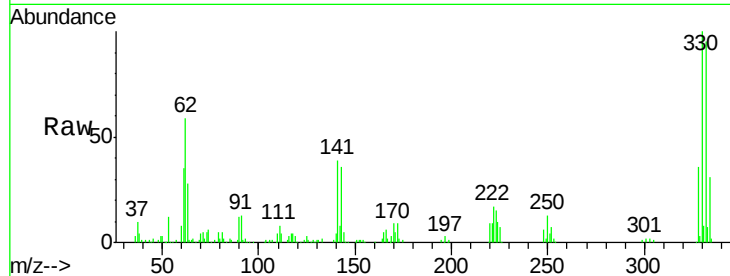
Tot Ion:198 Resp: 306

Ion Ratio Lower Upper

198 100

51 159.1 37.7 77.7#

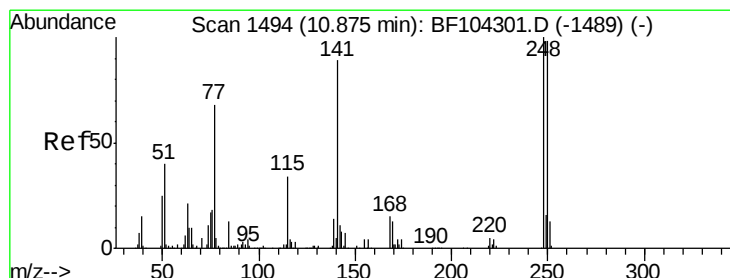
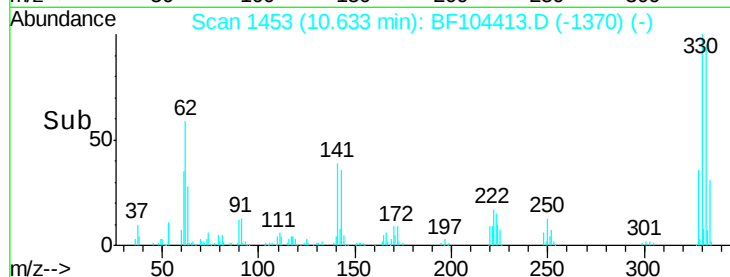
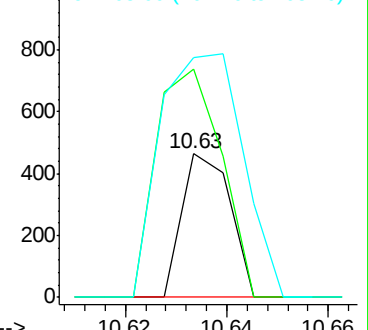
105 166.8 36.3 76.3#



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: 3.371 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.25 min

Lab File: BF104413.D

Acq: 10 Apr 2018 17:13

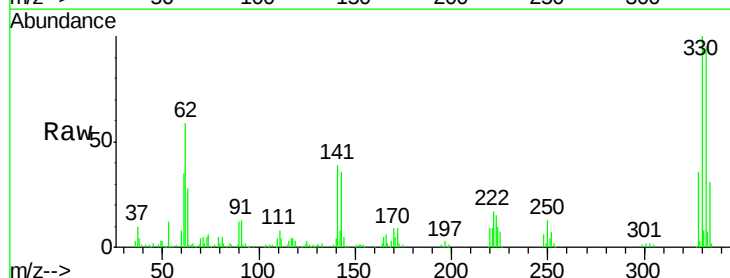
Tgt Ion:248 Resp: 9731

Ion Ratio Lower Upper

248 100

250 199.3 76.9 115.3#

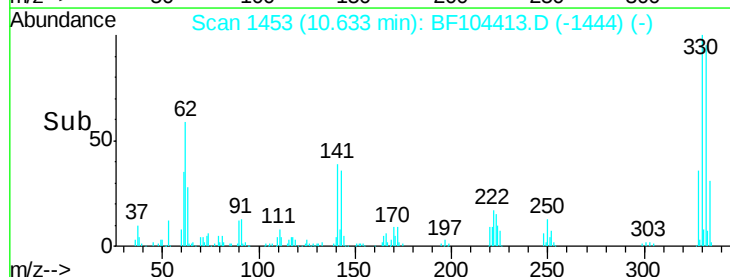
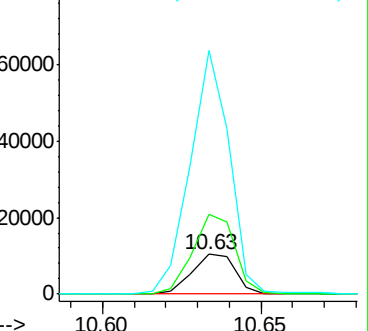
141 611.0 74.4 111.6#

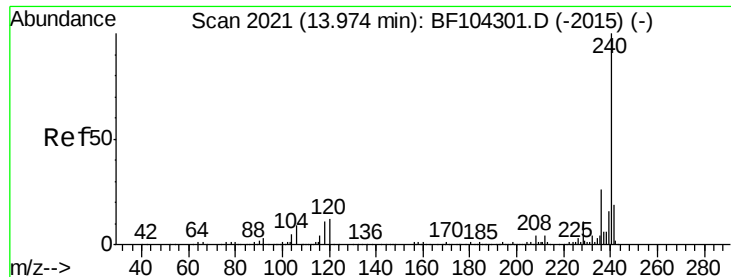


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104413.D

Acq: 10 Apr 2018 17:13

Instrument :

BNA_F

ClientSampleId :

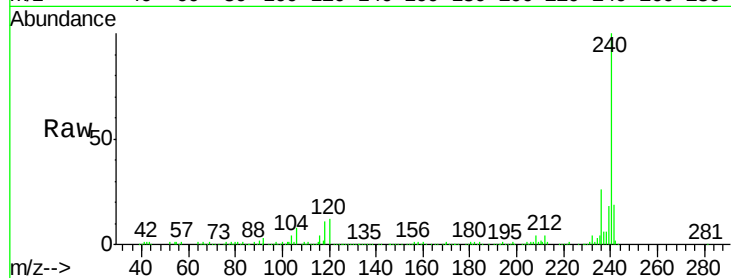
Tot Ion:240 Resp: 261323

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

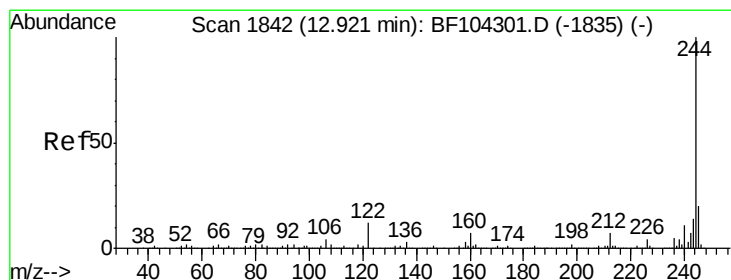
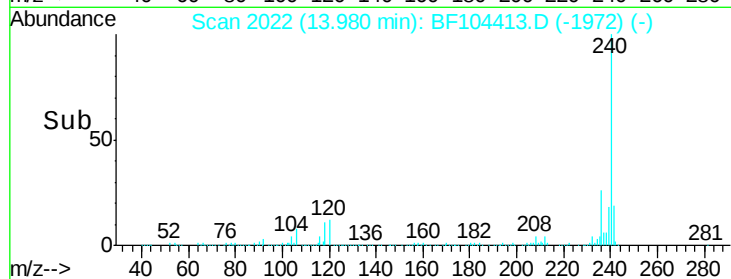
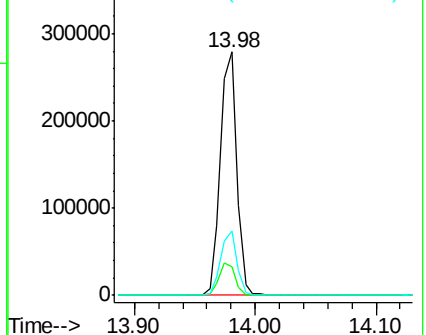
236 26.2 20.7 31.1



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: 58.465 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF104413.D

Acq: 10 Apr 2018 17:13

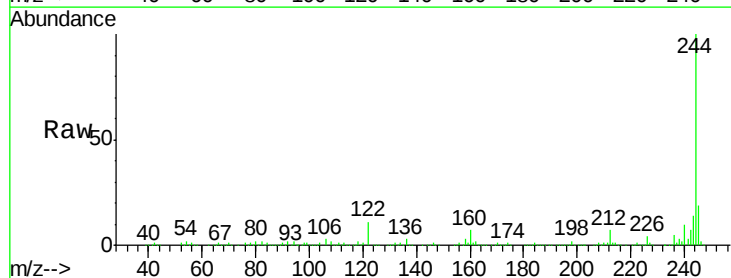
Tgt Ion:244 Resp: 670144

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

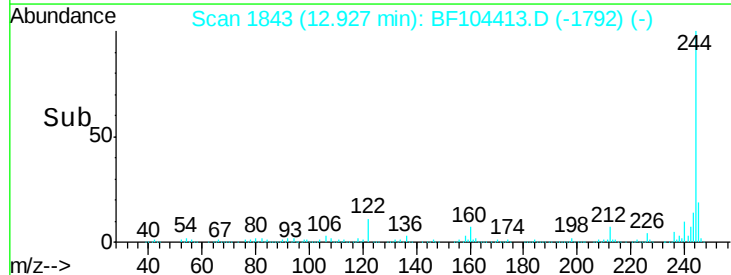
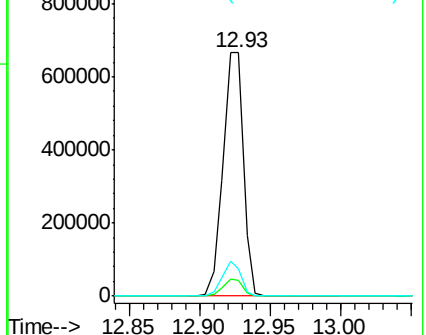
122 11.1 11.0 16.4

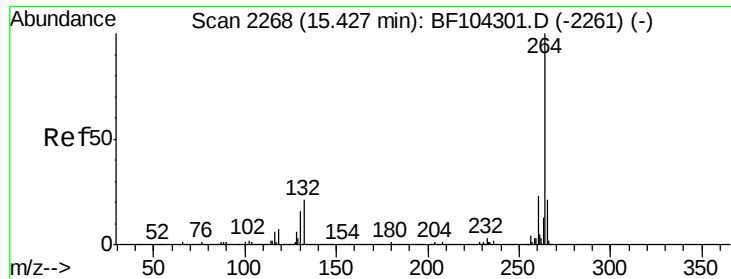


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF104413.D
 Acq: 10 Apr 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 182034
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.6 17.5 26.3

