

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041018\
 Data File : BF104405.D
 Acq On : 10 Apr 2018 13:42
 Operator : JU/SJ
 Sample : J2280-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2

Quant Time: Apr 10 14:36:22 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	115882	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	423376	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	153409	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	248242	20.00	ng	0.00
75) Chrysene-d12	13.98	240	283480	20.00	ng	0.00
86) Perylene-d12	15.44	264	214445	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	996631	131.50	ng	0.02
7) Phenol-d6	6.45	99	1171634	125.82	ng	0.00
23) Nitrobenzene-d5	7.37	82	702477	108.34	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	200765	126.16	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	968339	99.72	ng	0.00
78) Terphenyl-d14	12.93	244	828602	66.64	ng	0.00

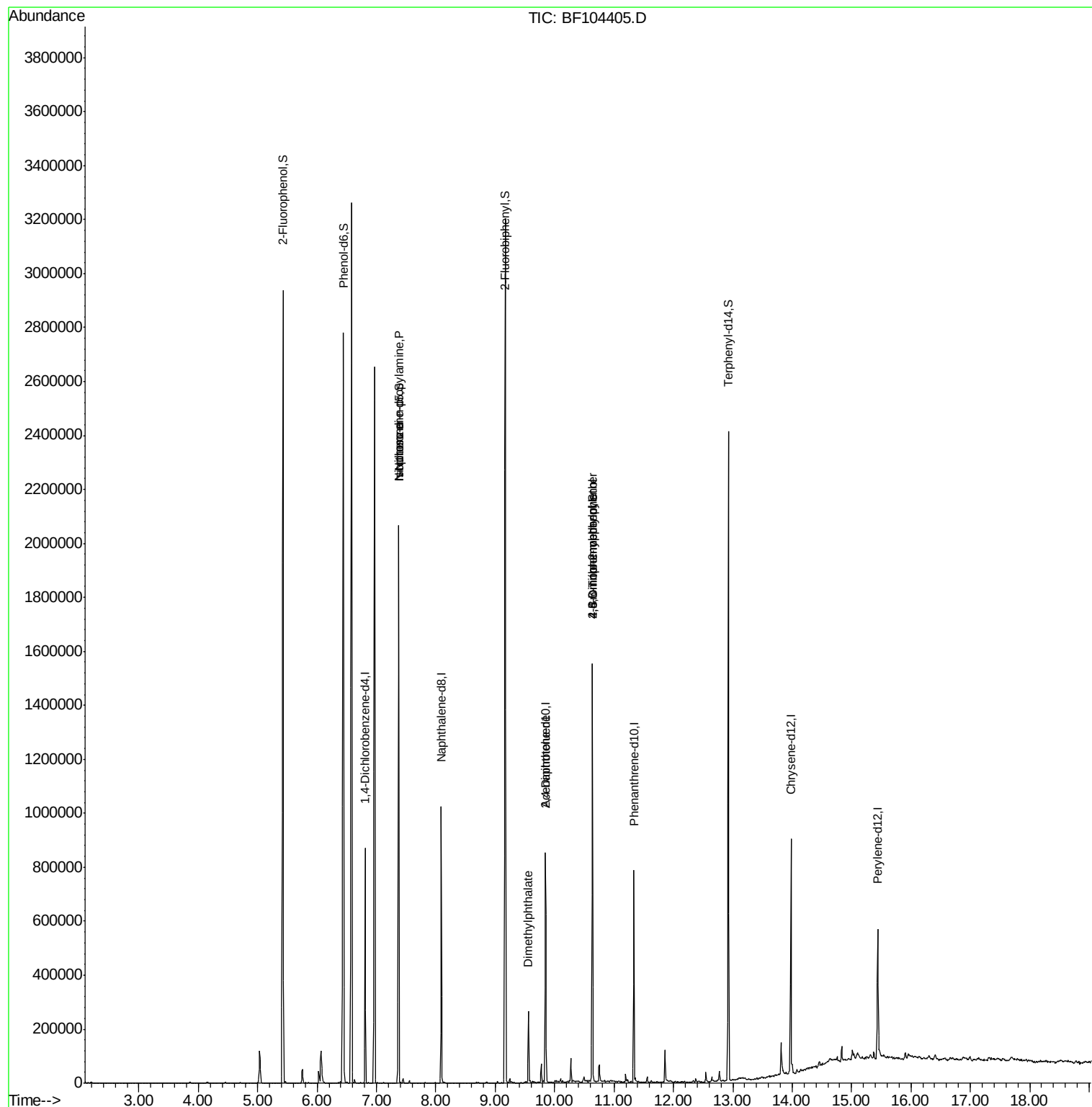
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	1724	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.37	70	91421	15.024	ng	# 75
25) Isophorone	7.37	82	700588	51.098	ng	# 64
49) Dimethylphthalate	9.56	163	99382	8.215	ng	# 99
56) 2,4-Dinitrotoluene	9.85	165	19466	6.629	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.64	198	354	7.595	ng	# 2
66) 4-Bromophenyl-phenylether	10.64	248	12444	4.713	ng	# 1
76) Benzidine	12.93	184	10954	Below Cal		# 99

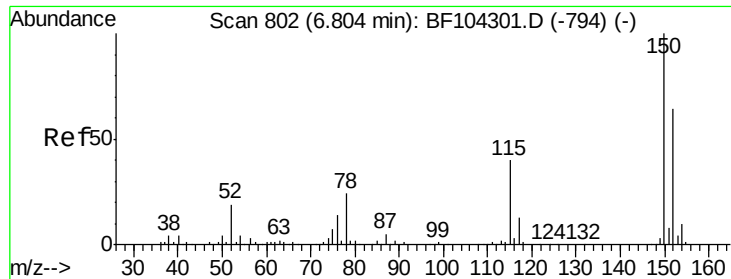
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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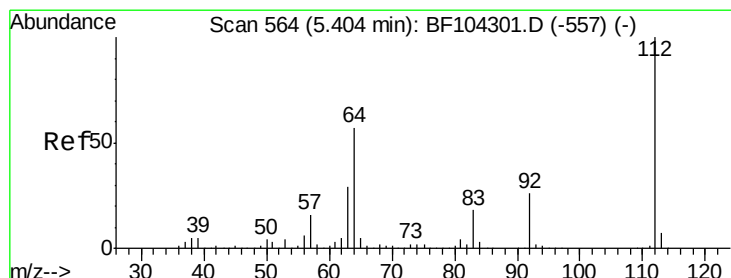
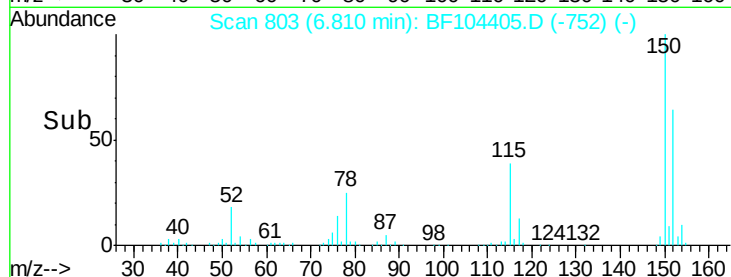
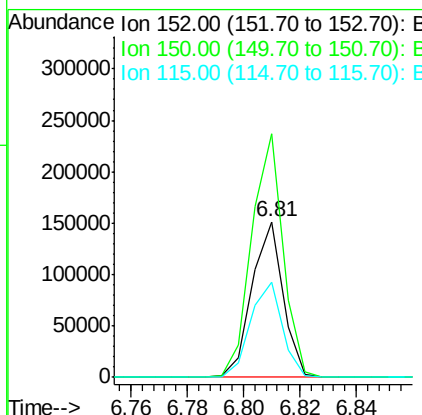
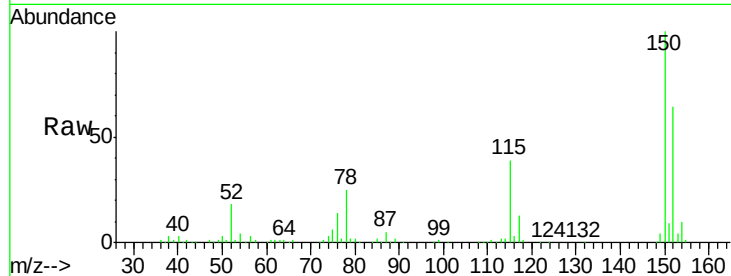




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF104405.D
 Acq: 10 Apr 2018 13:42

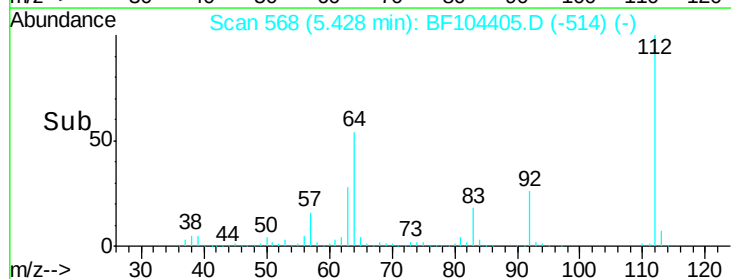
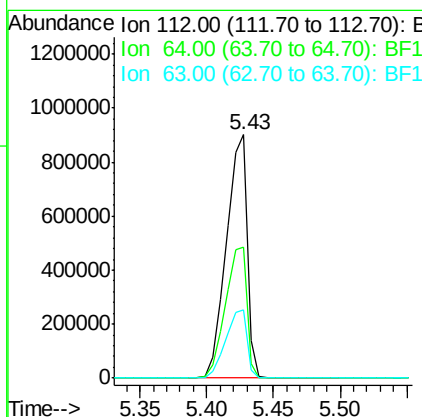
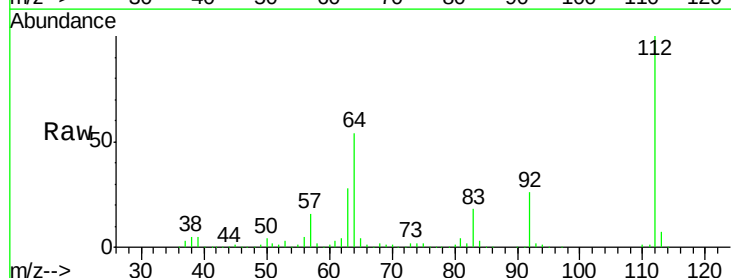
Instrument :
 BNA_F
 ClientSampleId :
 S2

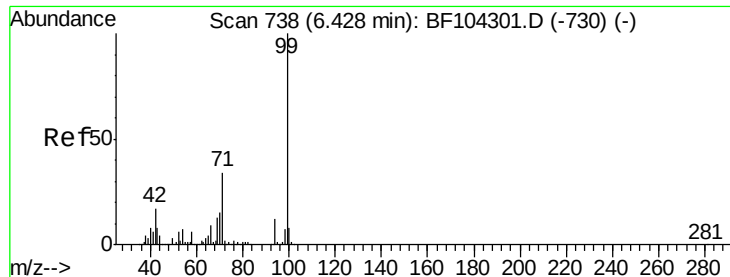
Tgt Ion:152 Resp: 115882
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.6 186.8
 115 61.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 131.505 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF104405.D
 Acq: 10 Apr 2018 13:42

Tgt Ion:112 Resp: 996631
 Ion Ratio Lower Upper
 112 100
 64 54.0 47.9 71.9
 63 27.9 23.7 35.5





#7

Phenol-d6

Concen: 125.824 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104405.D

Acq: 10 Apr 2018 13:42

Instrument :

BNA_F

ClientSampled :

S2

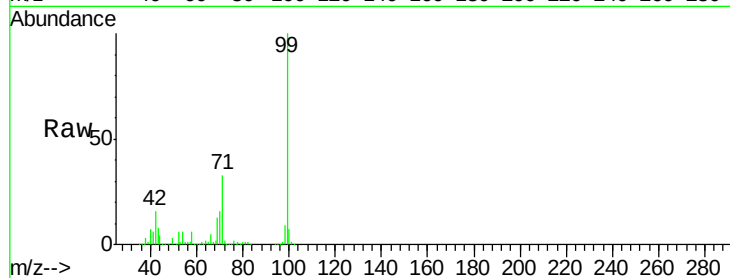
Tgt Ion: 99 Resp: 1171634

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

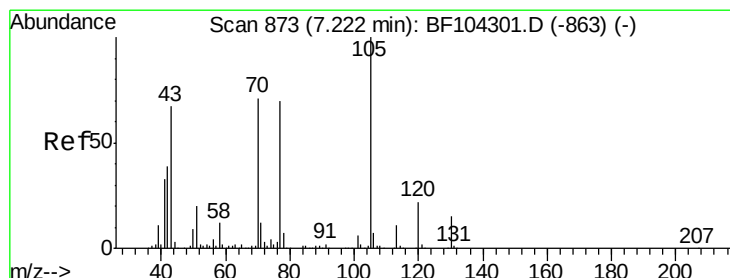
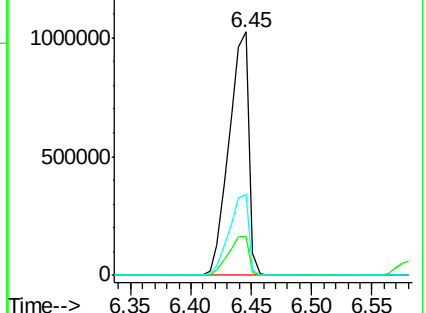
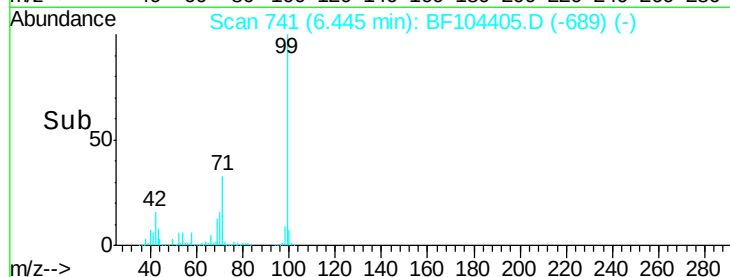
71 33.4 25.4 38.0



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: 15.024 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104405.D

Acq: 10 Apr 2018 13:42

Tgt Ion: 70 Resp: 91421

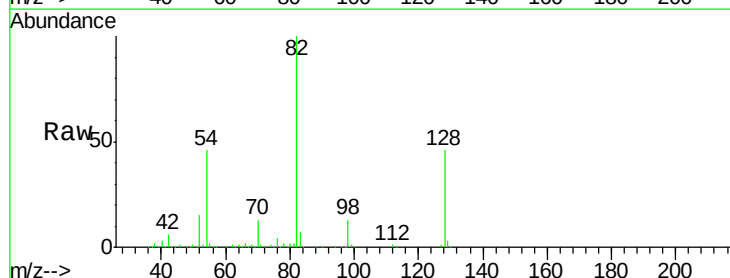
Ion Ratio Lower Upper

70 100

42 44.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

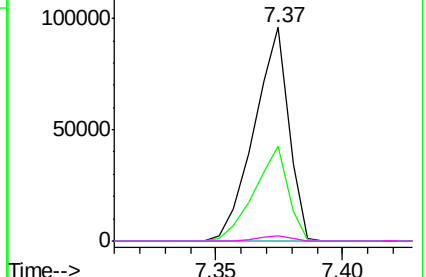
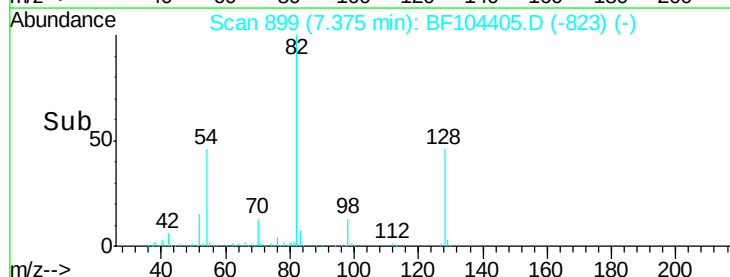


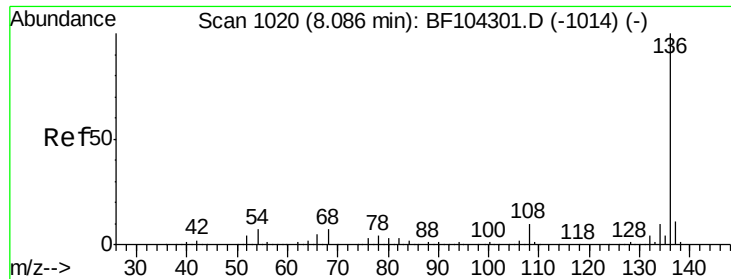
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

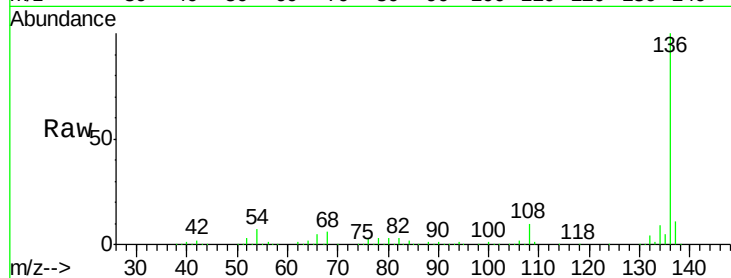




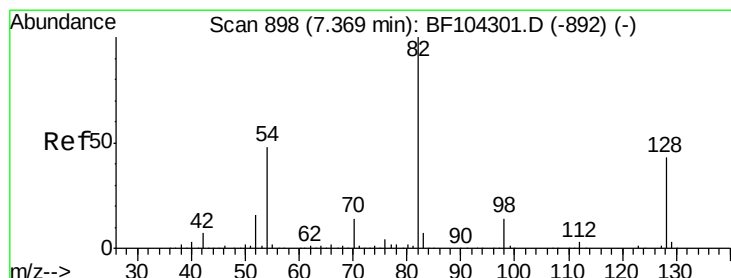
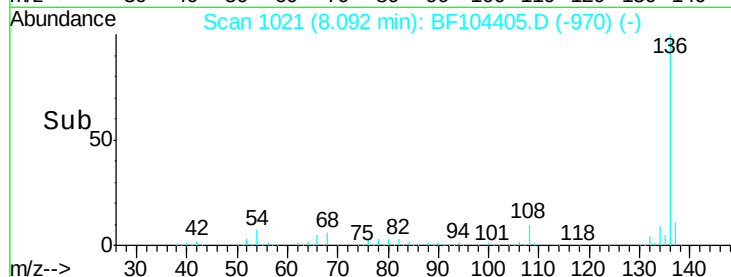
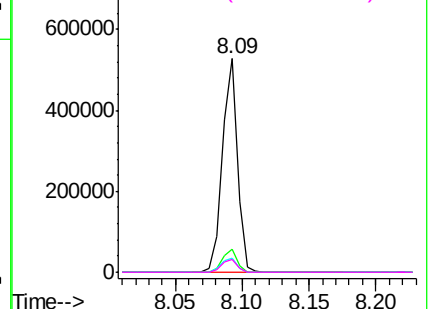
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:	136	Resp:	423376
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	6.6	9.8
68	6.0	5.0	7.4

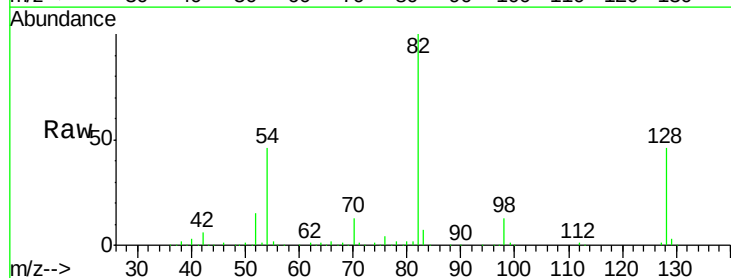


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

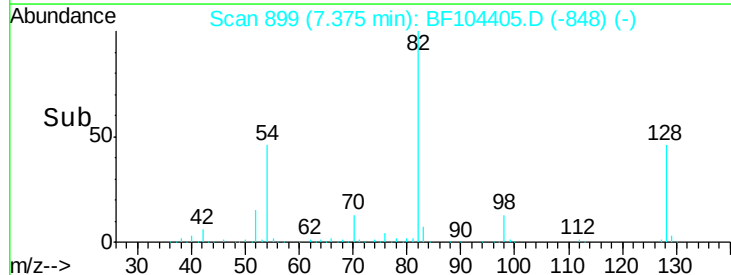
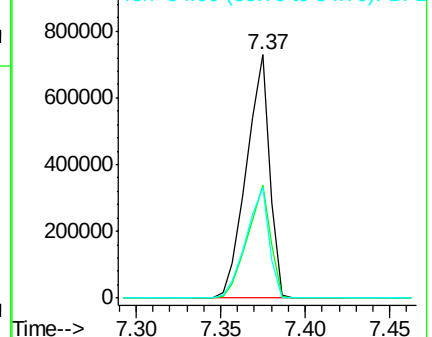


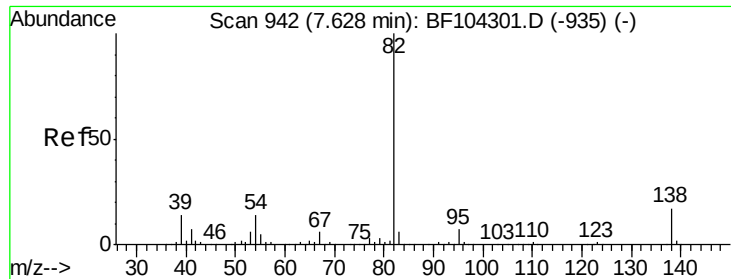
#23
Nitrobenzene-d5
Concen: 108.344 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Tgt Ion:	82	Resp:	702477
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	45.6	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: 51.098 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF104405.D

Acq: 10 Apr 2018 13:42

Instrument :

BNA_F

ClientSampled :

S2

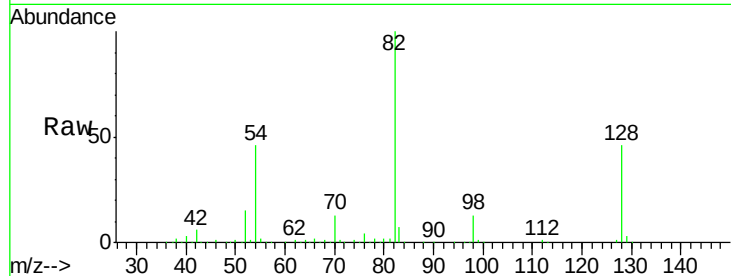
Tgt Ion: 82 Resp: 700588

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

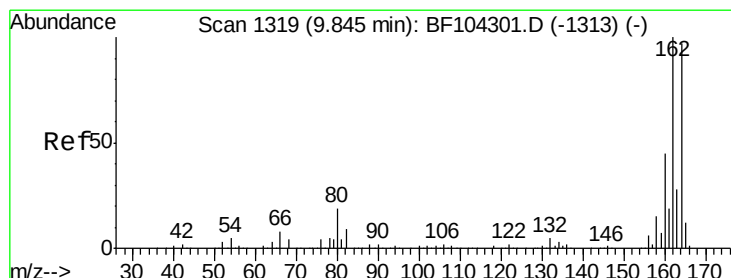
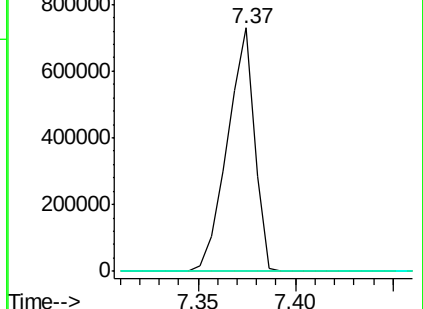
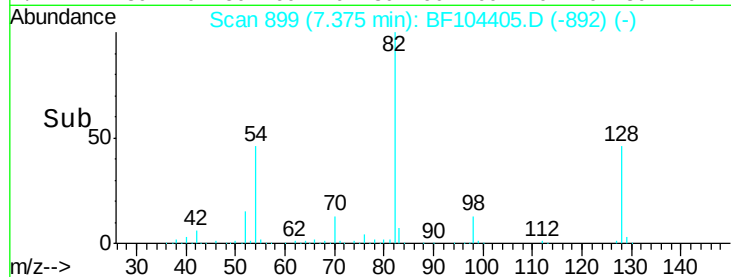
138 0.0 14.9 22.3#



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: BF104405.D

Acq: 10 Apr 2018 13:42

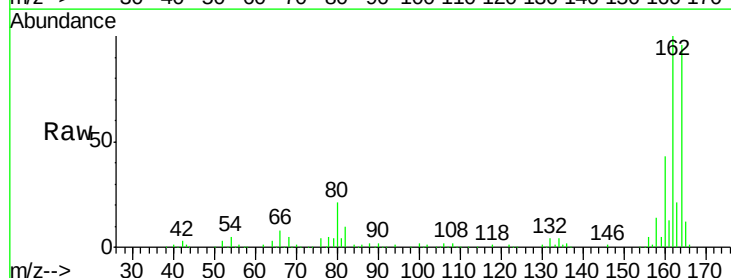
Tgt Ion: 164 Resp: 153409

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

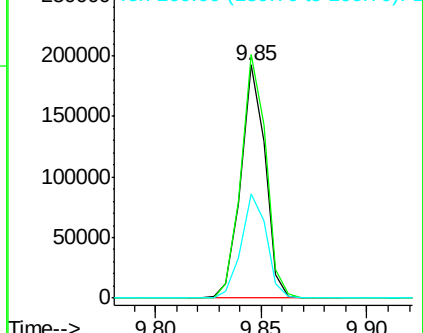
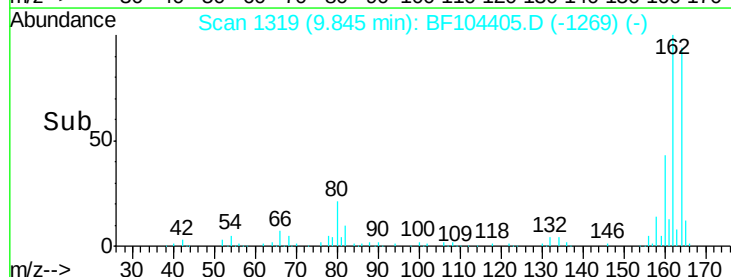
160 44.8 38.3 57.5

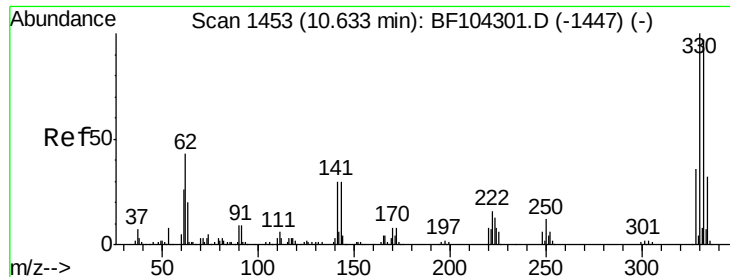


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

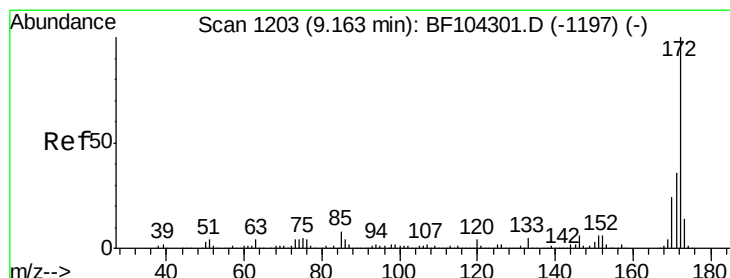
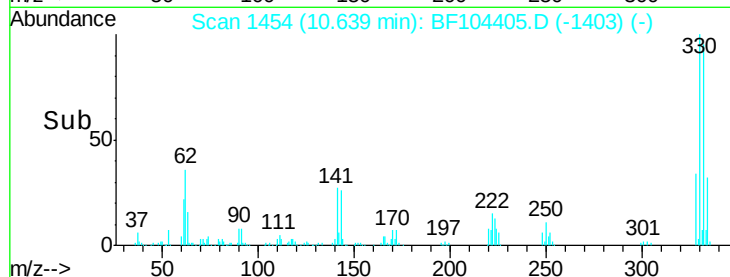
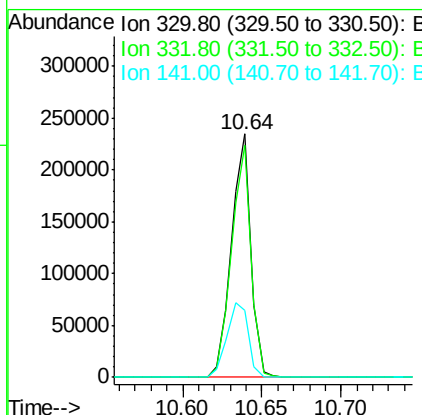
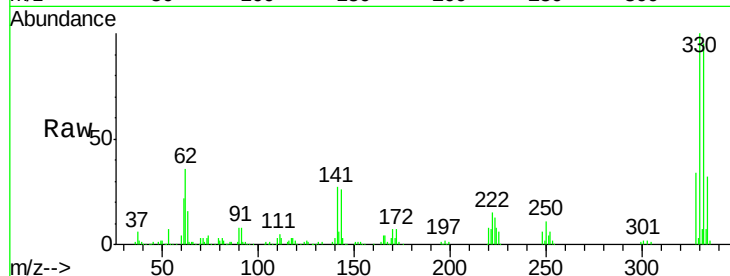




#41
 2,4,6-Tribromophenol
 Concen: 126.160 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104405.D
 Acq: 10 Apr 2018 13:42

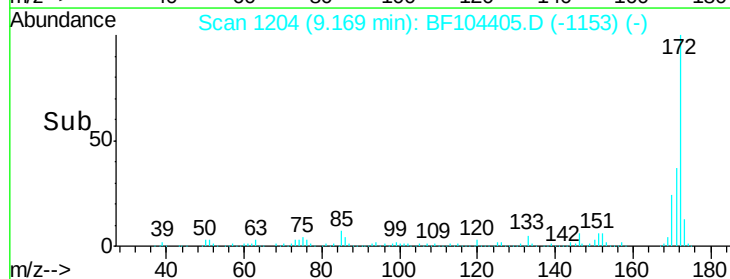
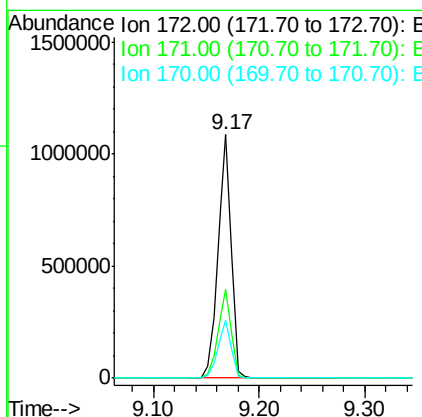
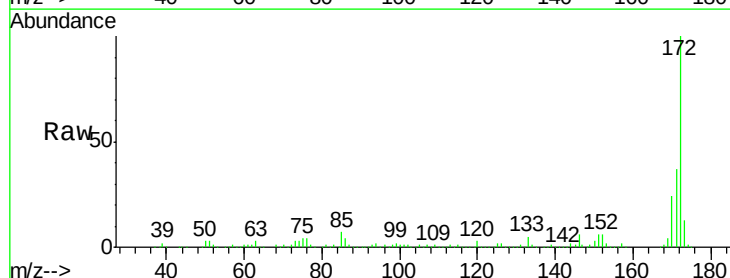
Instrument :
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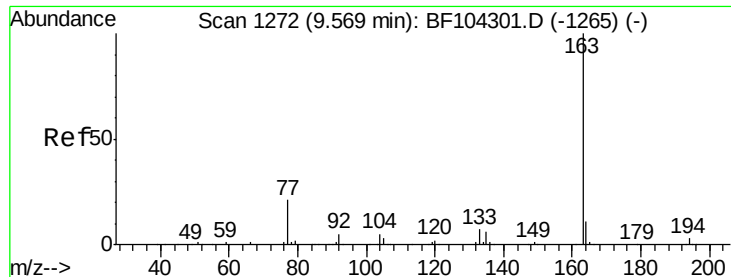
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	33.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 99.716 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104405.D
 Acq: 10 Apr 2018 13:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4

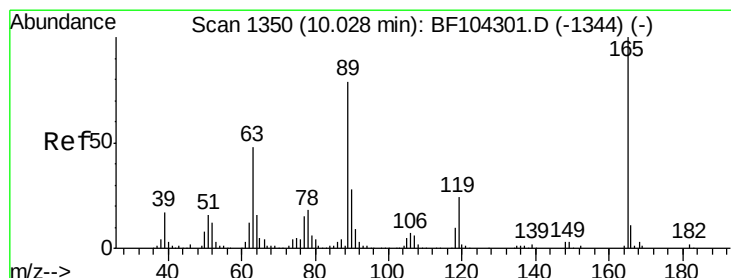
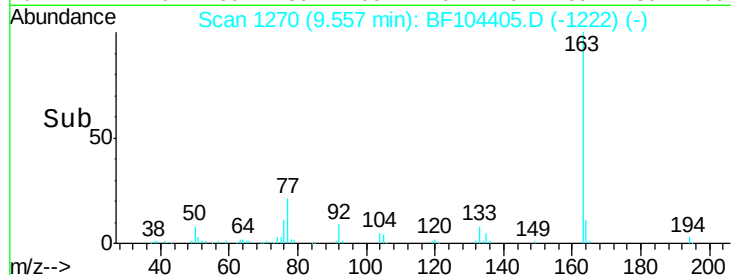
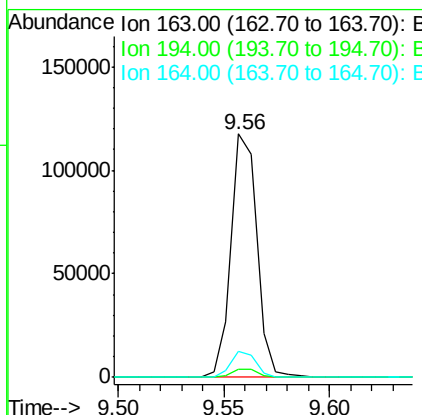
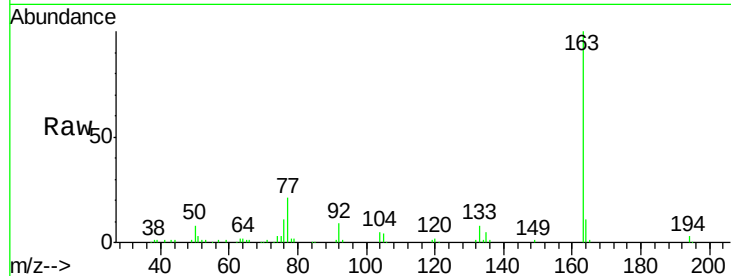




#49
 Dimethylphthalate
 Concen: 8.215 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF104405.D
 Acq: 10 Apr 2018 13:42

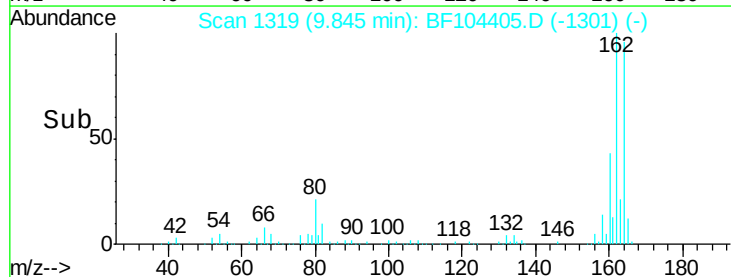
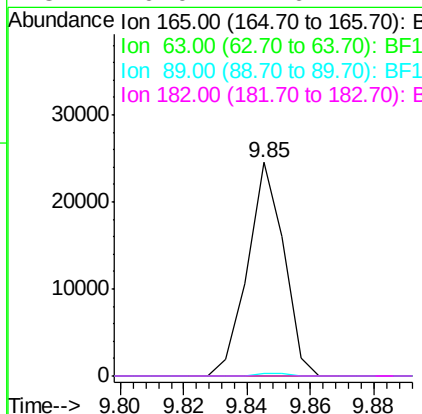
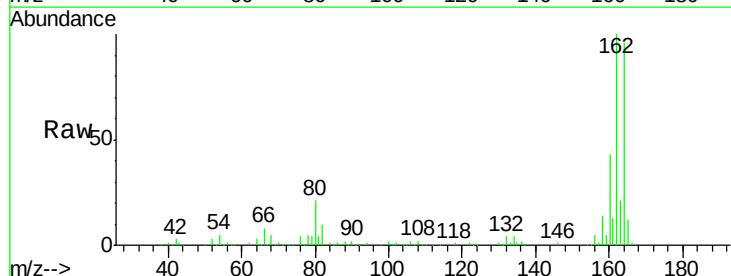
Instrument :
 BNA_F
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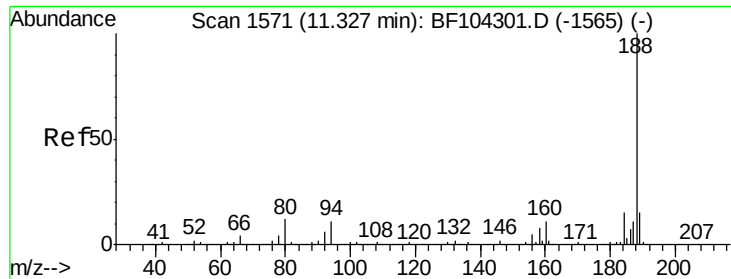
Tgt Ion:163 Resp: 99382
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 10.7 8.2 12.2



#56
 2,4-Dinitrotoluene
 Concen: 6.629 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.19 min
 Lab File: BF104405.D
 Acq: 10 Apr 2018 13:42

Tgt Ion:165 Resp: 19466
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.3 57.8 86.6#
 182 0.0 1.6 2.4#

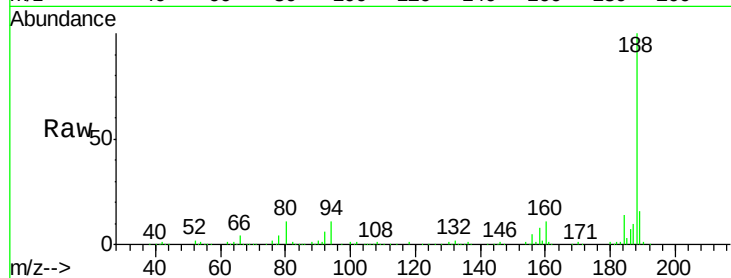




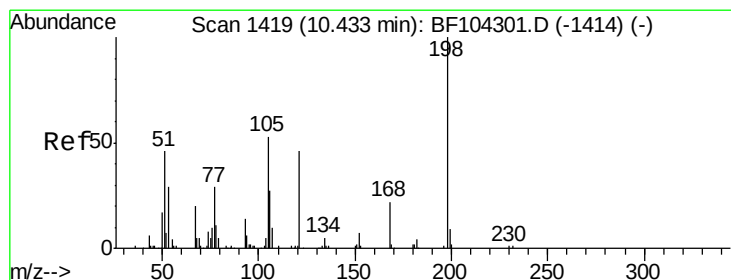
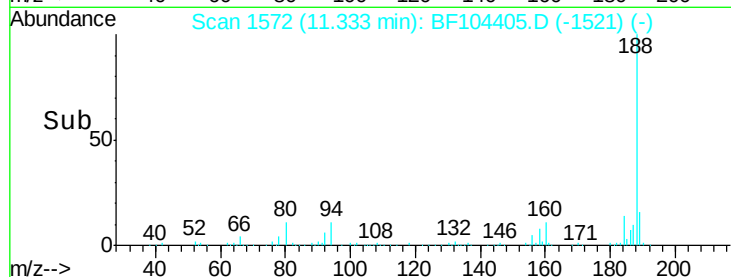
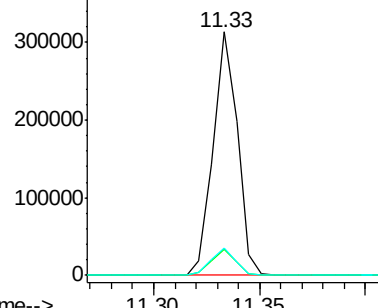
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:188 Resp: 248242
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.3 9.2 13.8

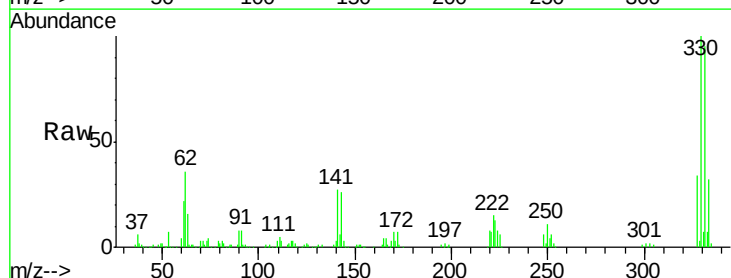


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

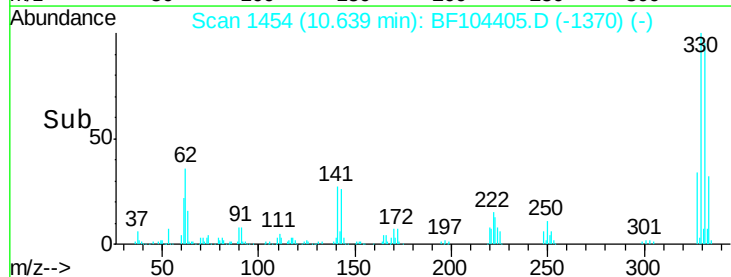
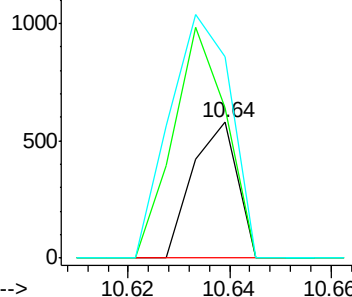


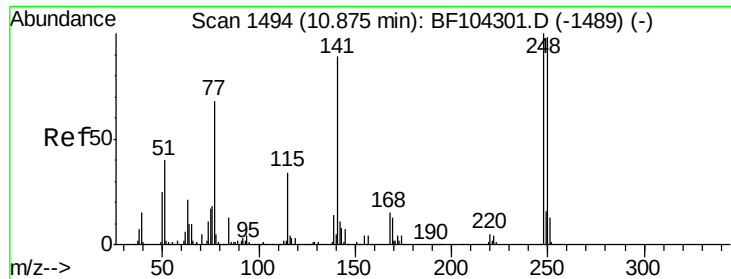
#64
4,6-Dinitro-2-methylphenol
Concen: 7.595 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Tgt Ion:198 Resp: 354
Ion Ratio Lower Upper
198 100
51 110.4 37.7 77.7#
105 148.0 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

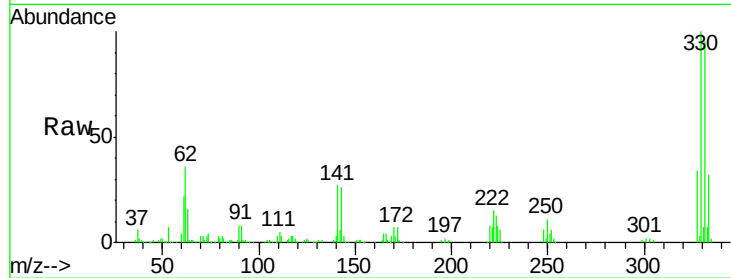




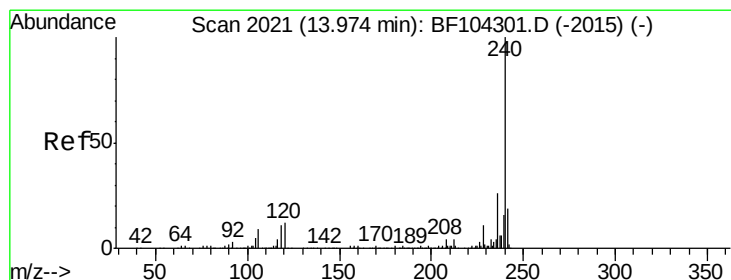
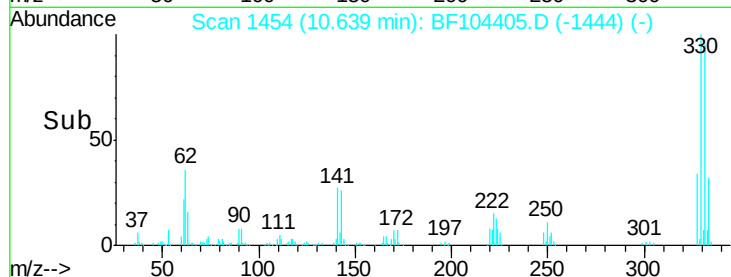
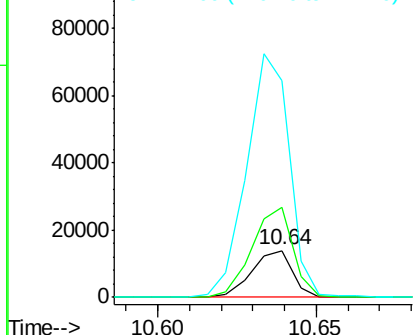
#66
 4-Bromophenyl-phenylether
 Concen: 4.713 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF104405.D
 Acq: 10 Apr 2018 13:42

Instrument :
 BNA_F
 ClientSampleId :
 S2

Tgt Ion:248 Resp: 12444
 Ion Ratio Lower Upper
 248 100
 250 193.3 76.9 115.3#
 141 462.0 74.4 111.6#

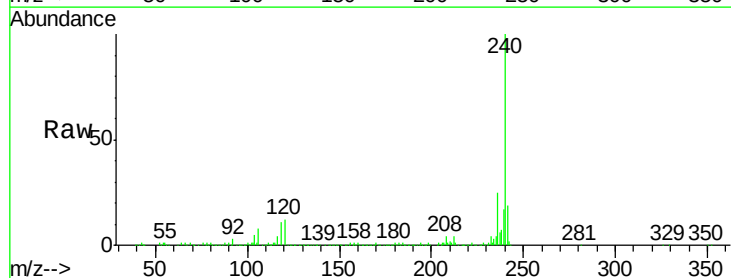


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

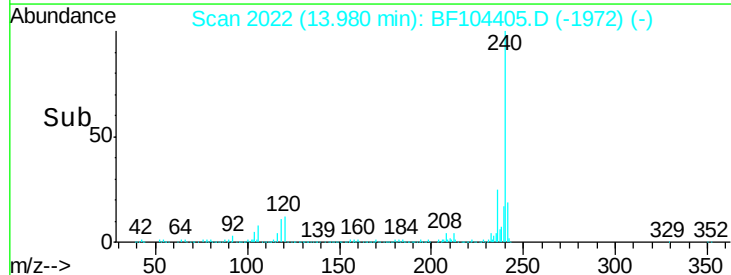
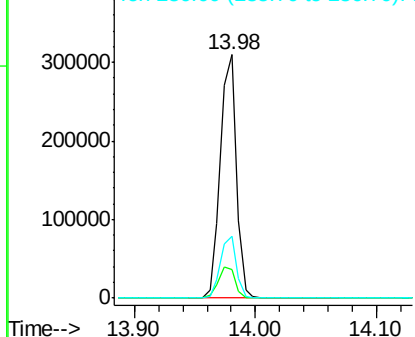


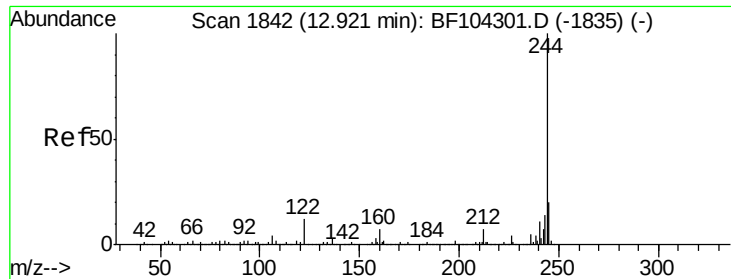
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF104405.D
 Acq: 10 Apr 2018 13:42

Tgt Ion:240 Resp: 283480
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.5 14.3
 236 25.4 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: 66.639 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF104405.D

Acq: 10 Apr 2018 13:42

Instrument :

BNA_F

ClientSampleId :

S2

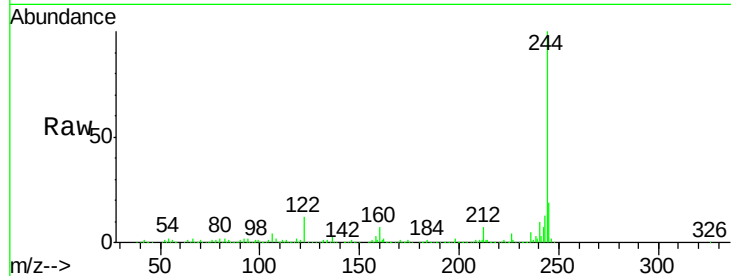
Tgt Ion:244 Resp: 828602

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

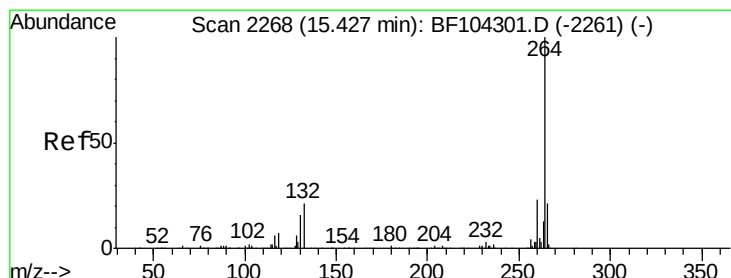
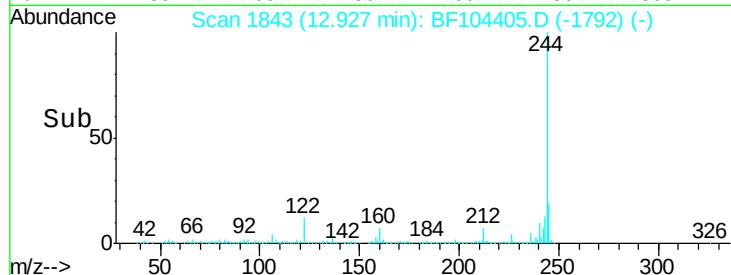
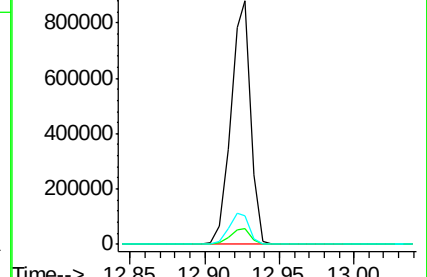
122 11.7 11.0 16.4



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: 15.44 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BF104405.D

Acq: 10 Apr 2018 13:42

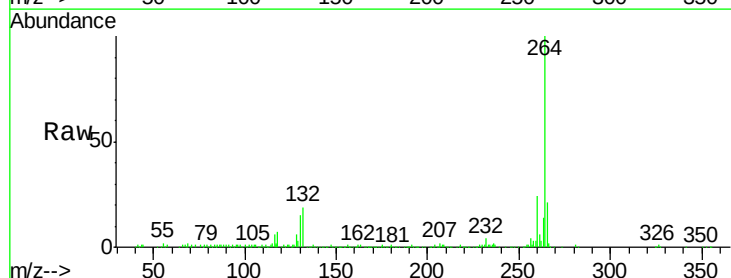
Tgt Ion:264 Resp: 214445

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 20.9 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

