

Data File : BF100028.D
Acq On : 1 Nov 2017 5:37
Operator : SJ/JU
Sample : PB103271TB
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103271TB

Quant Time: Nov 01 08:21:42 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	89722	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	372334	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	171640	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	301450	20.00	ng	0.00
75) Chrysene-d12	13.98	240	196475	20.00	ng	0.00
86) Perylene-d12	15.47	264	163414	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	654232	114.48	ng	0.01
7) Phenol-d6	6.43	99	780682	115.21	ng	0.00
23) Nitrobenzene-d5	7.36	82	434283	75.09	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	151285	96.72	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	900419	80.94	ng	0.00
78) Terphenyl-d14	12.91	244	748780	83.29	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	11162	2.76	ng	93
19) n-Nitroso-di-n-propylamine	7.36	70	52622	13.25	ng	# 71
25) Isophorone	7.36	82	434281	41.38	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	21680	7.59	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	21680	6.30	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	9679	3.05	ng	# 1

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

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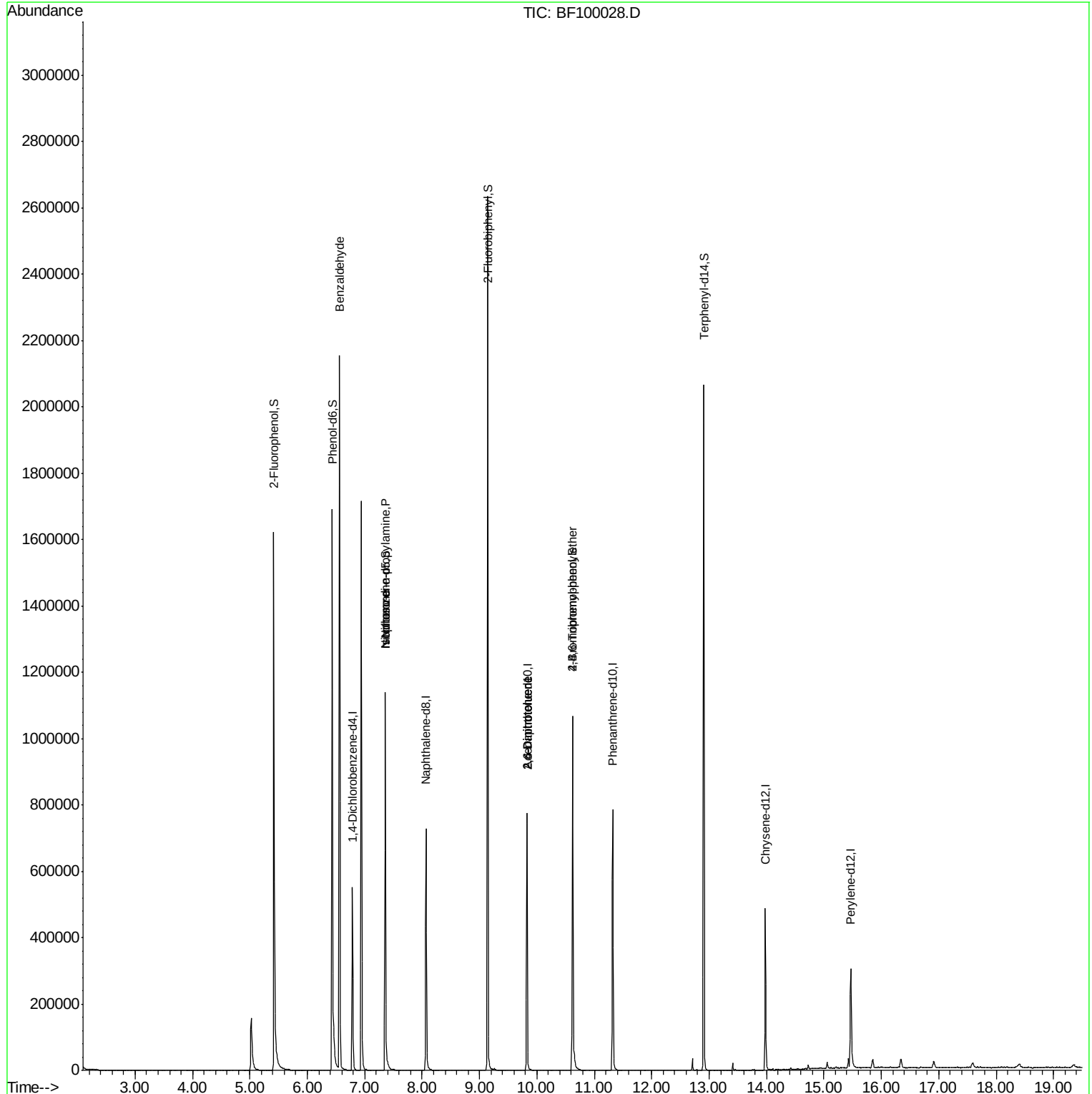
Quant Time: Nov 01 08:21:42 2017

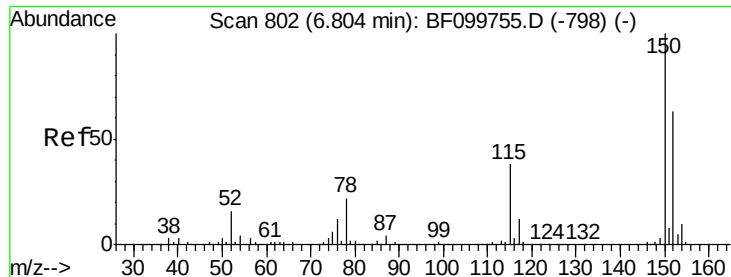
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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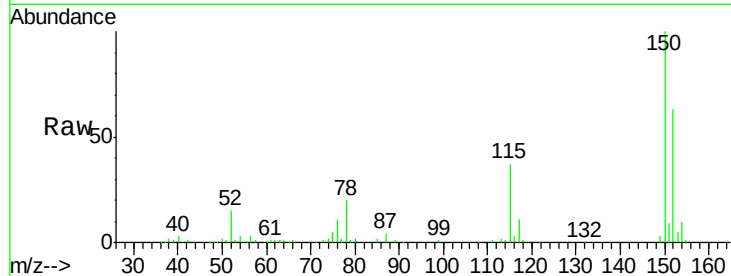


#1

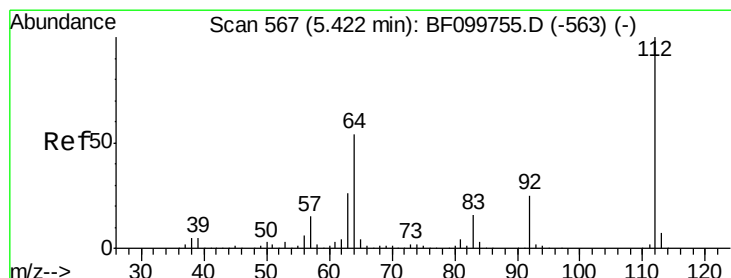
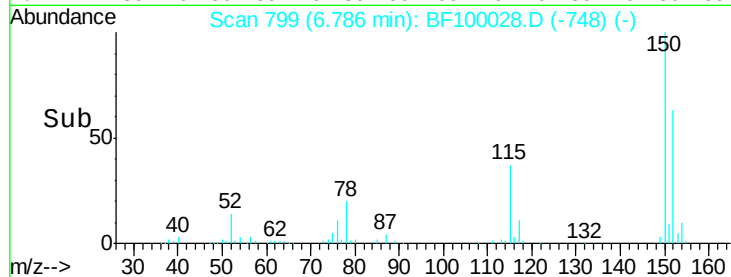
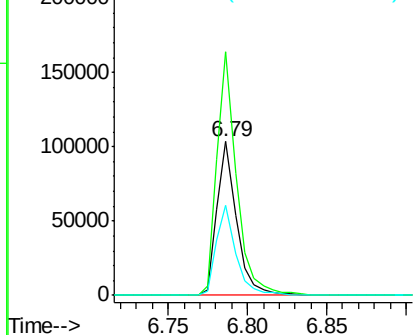
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF100028.D
Acq: 1 Nov 2017 5:37

Instrument :
BNA_F
ClientSampleId :
PB103271TB

Tgt Ion:152 Resp: 89722
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 58.5 50.1 75.1



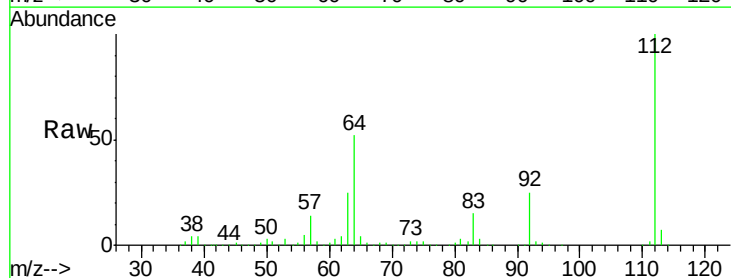
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



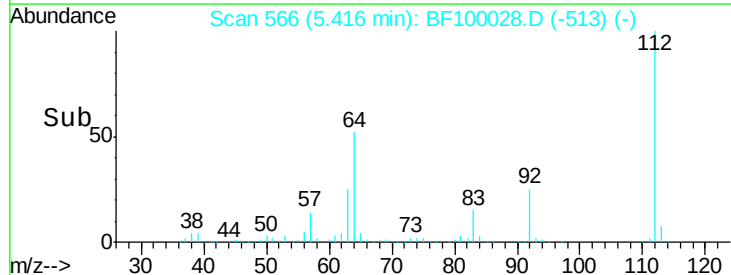
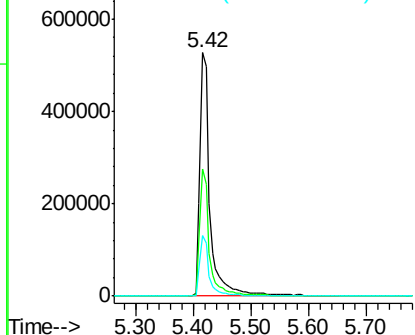
#5

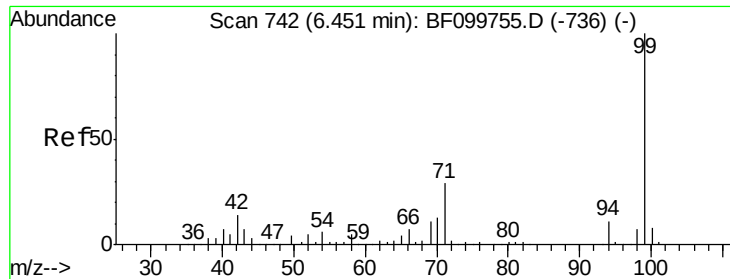
2-Fluorophenol
Concen: 114.48 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF100028.D
Acq: 1 Nov 2017 5:37

Tgt Ion:112 Resp: 654232
Ion Ratio Lower Upper
112 100
64 52.2 47.9 71.9
63 24.8 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: 115.21 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100028.D

Acq: 1 Nov 2017 5:37

Instrument :

BNA_F

ClientSampleId :

PB103271TB

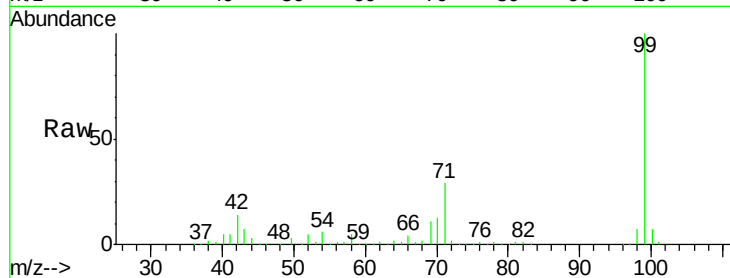
Tgt Ion: 99 Resp: 780682

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

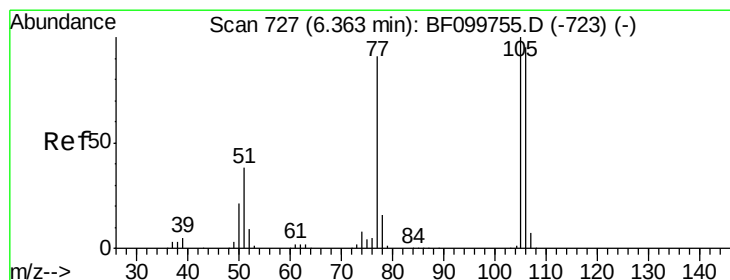
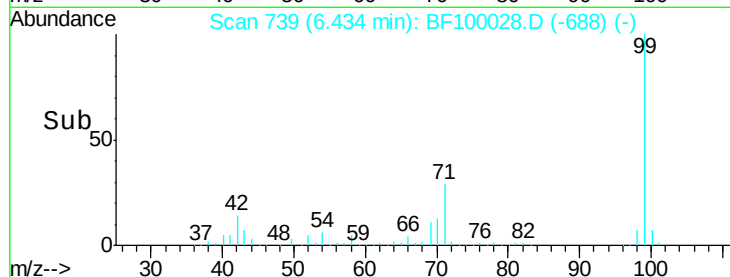
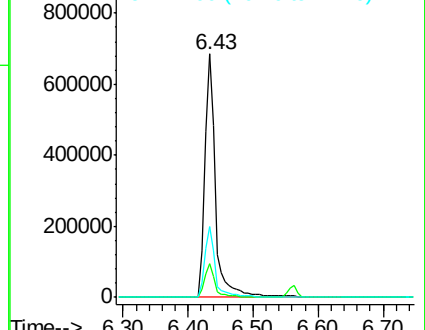
71 29.2 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.76 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF100028.D

Acq: 1 Nov 2017 5:37

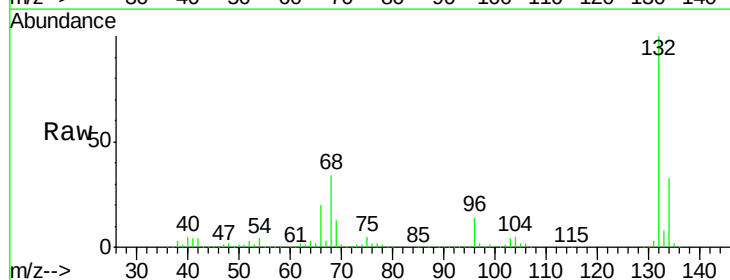
Tgt Ion: 77 Resp: 11162

Ion Ratio Lower Upper

77 100

105 91.2 81.1 121.1

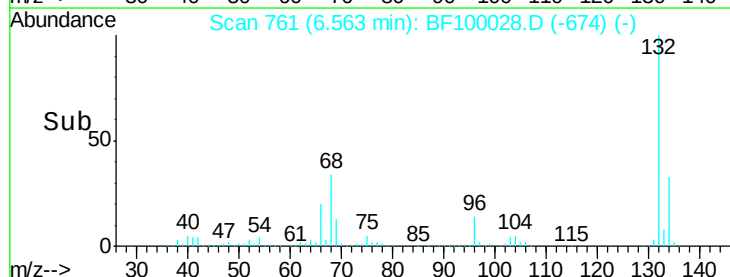
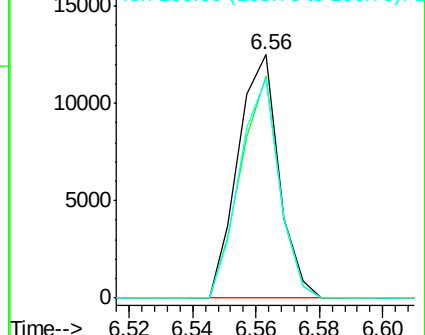
106 89.9 74.5 114.5

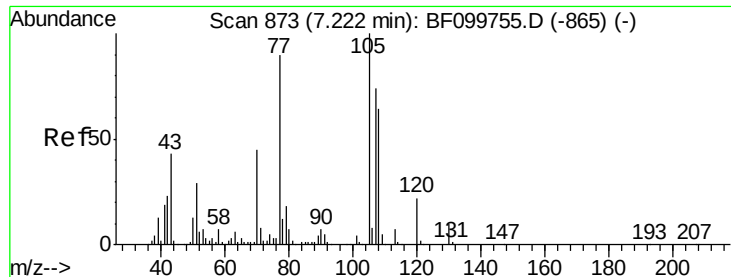


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

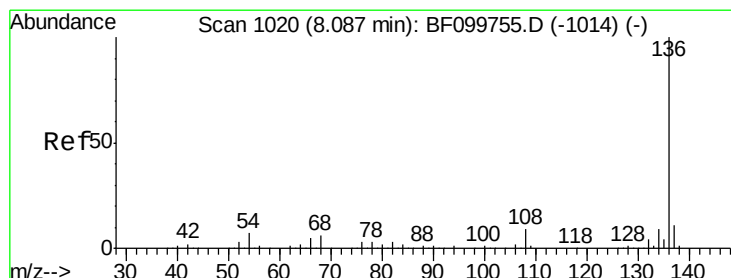
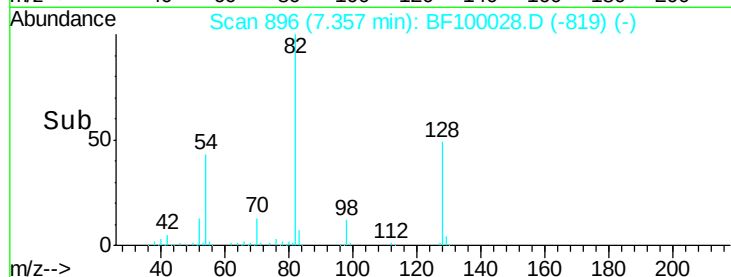
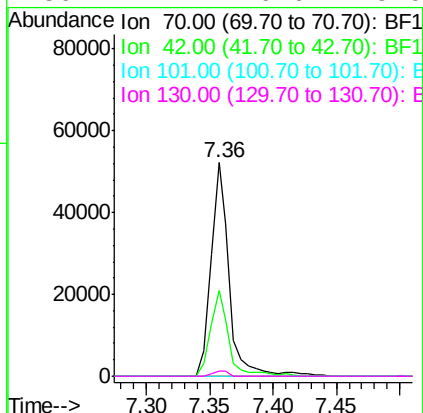
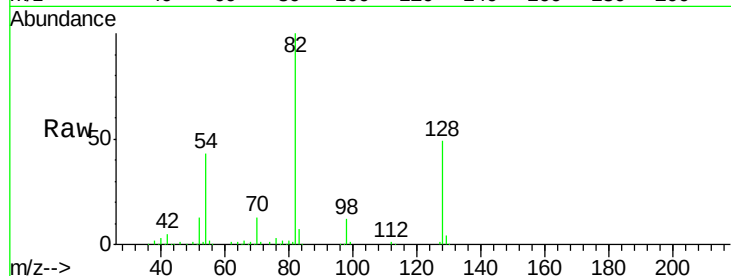




#19
n-Nitroso-di-n-propylamine
Concen: 13.25 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF100028.D
Acq: 1 Nov 2017 5:37

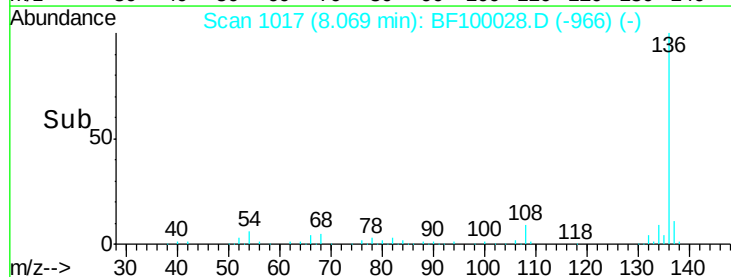
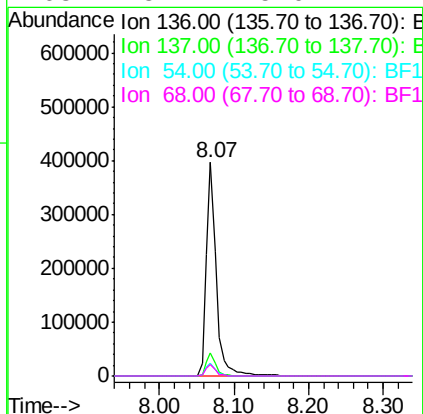
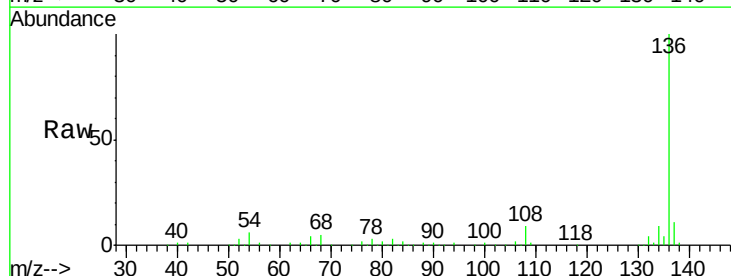
Instrument :
BNA_F
ClientSampleId :
PB103271TB

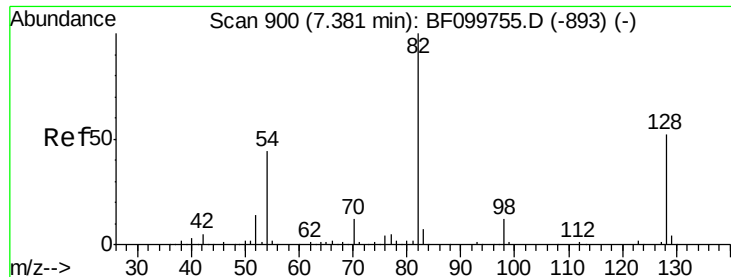
Tgt Ion: 70 Resp: 52622
Ion Ratio Lower Upper
70 100
42 40.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF100028.D
Acq: 1 Nov 2017 5:37

Tgt Ion: 136 Resp: 372334
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.3 6.6 9.8#
68 5.4 5.0 7.4

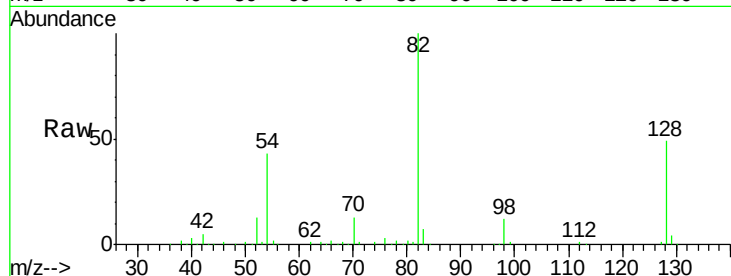




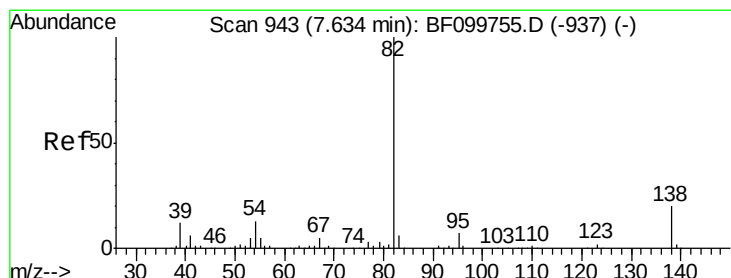
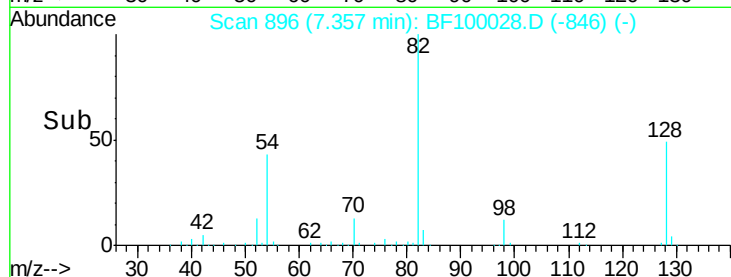
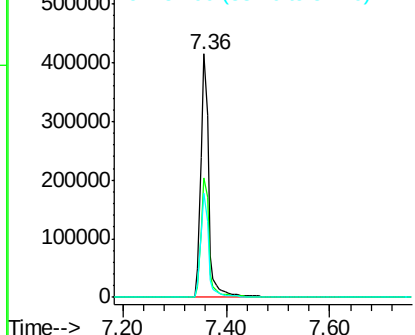
#23
 Nitrobenzene-d5
 Concen: 75.09 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100028.D
 Acq: 1 Nov 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :
 PB103271TB

Tgt Ion: 82 Resp: 434283
 Ion Ratio Lower Upper
 82 100
 128 49.1 36.1 54.1
 54 42.8 41.4 62.2

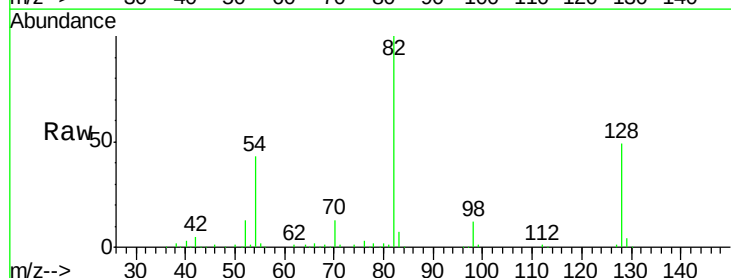


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

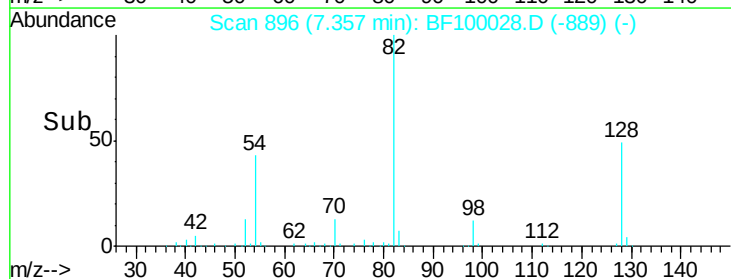
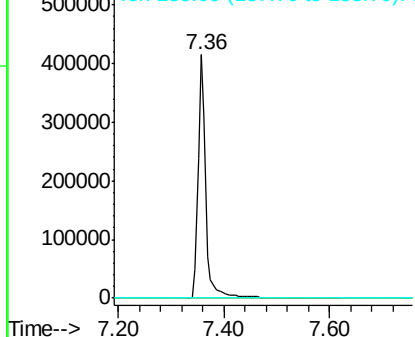


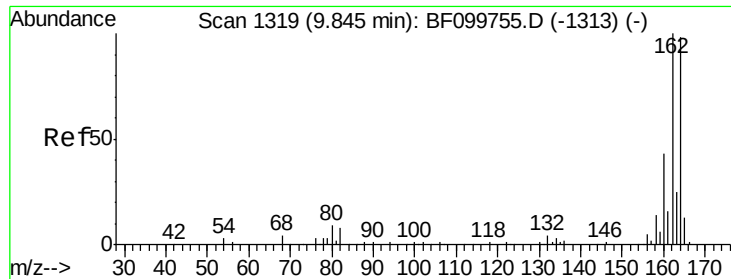
#25
 Isophorone
 Concen: 41.38 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF100028.D
 Acq: 1 Nov 2017 5:37

Tgt Ion: 82 Resp: 434281
 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: 20.00 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF100028.D

Acq: 1 Nov 2017 5:37

Instrument :

BNA_F

ClientSampleId :

PB103271TB

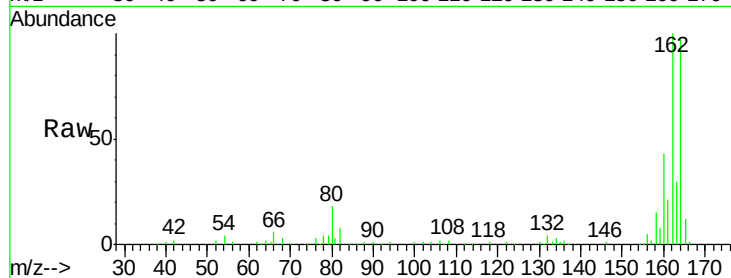
Tgt Ion:164 Resp: 171640

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

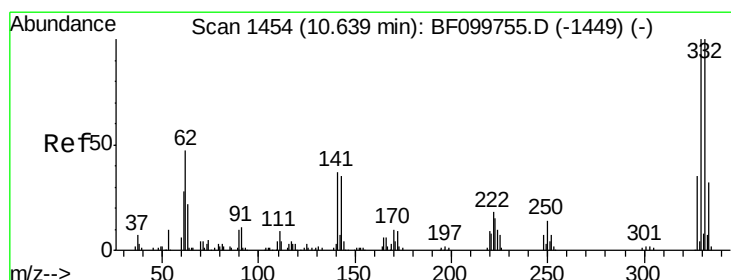
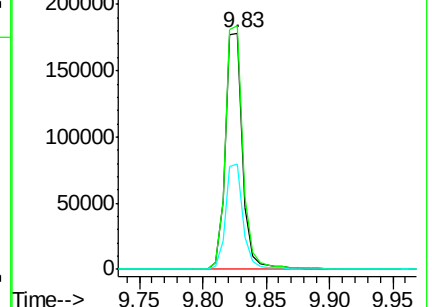
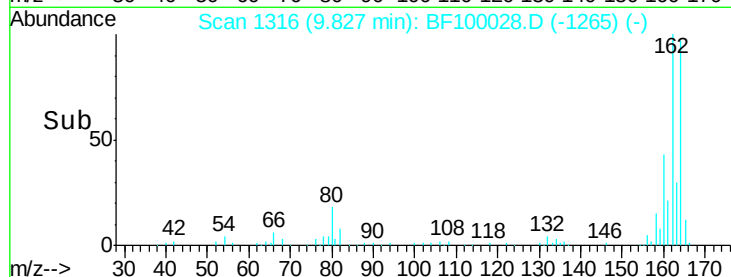
160 44.4 38.3 57.5



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: 96.72 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF100028.D

Acq: 1 Nov 2017 5:37

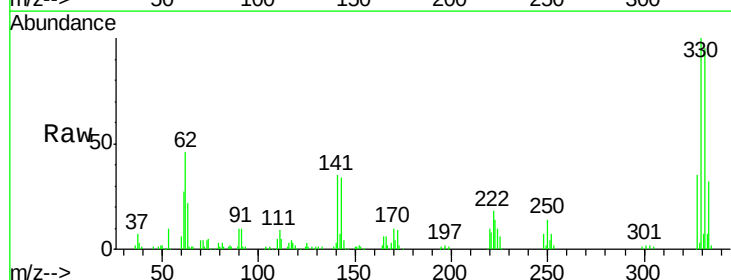
Tgt Ion:330 Resp: 151285

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

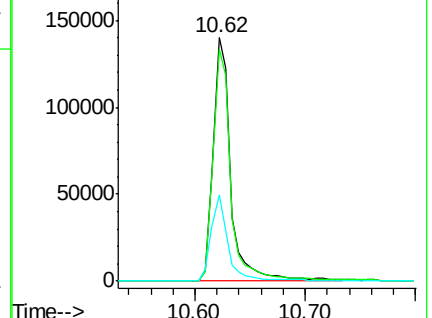
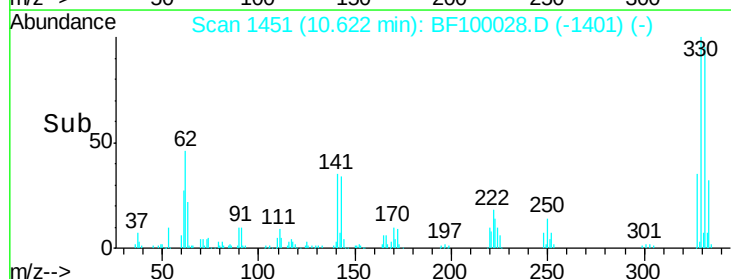
141 33.9 29.9 44.9

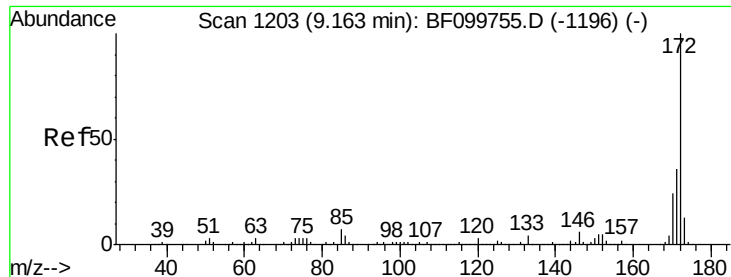


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

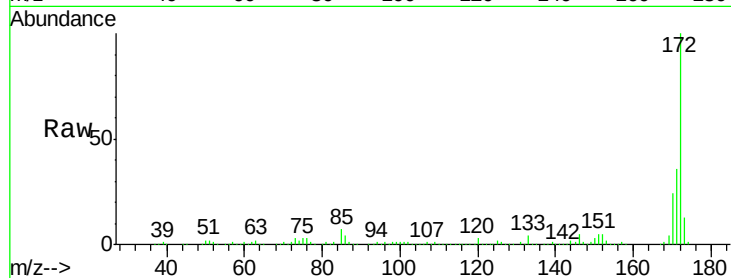




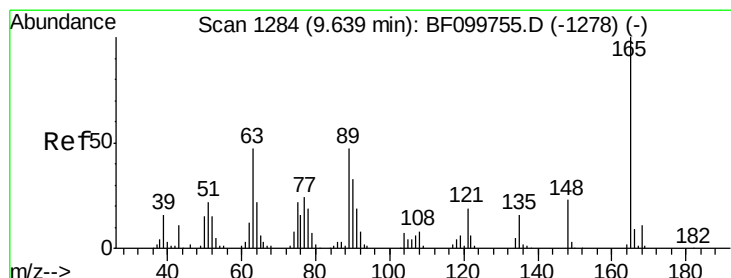
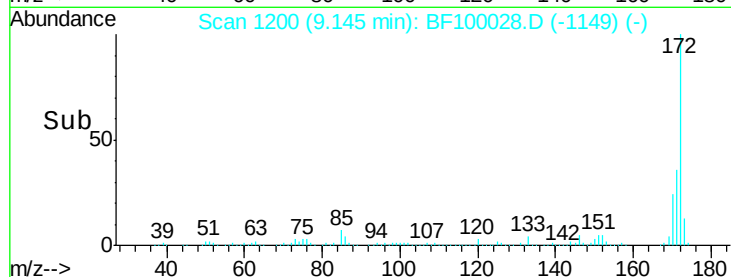
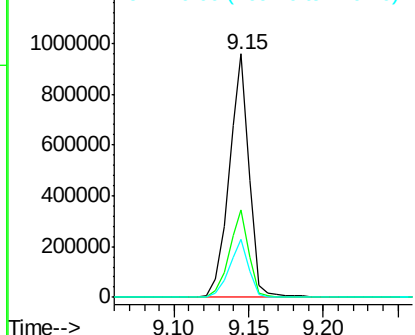
#44
 2-Fluorobiphenyl
 Concen: 80.94 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100028.D
 Acq: 1 Nov 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :
 PB103271TB

Tgt Ion:172 Resp: 900419
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.8 19.6 29.4

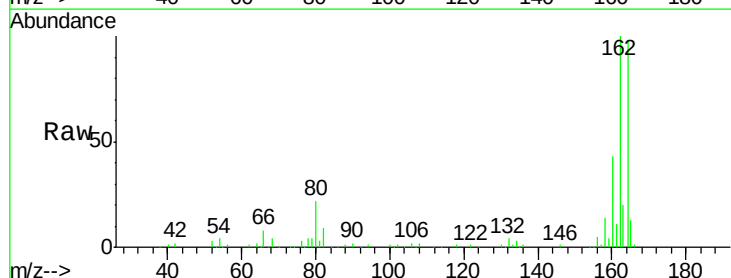


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

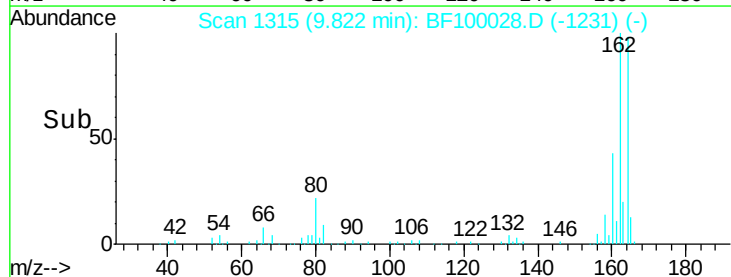
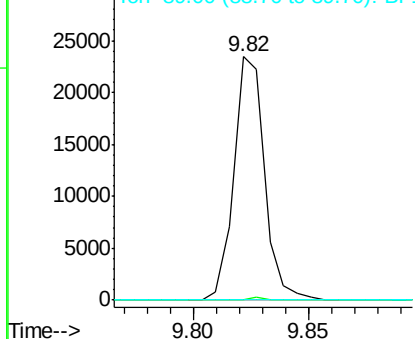


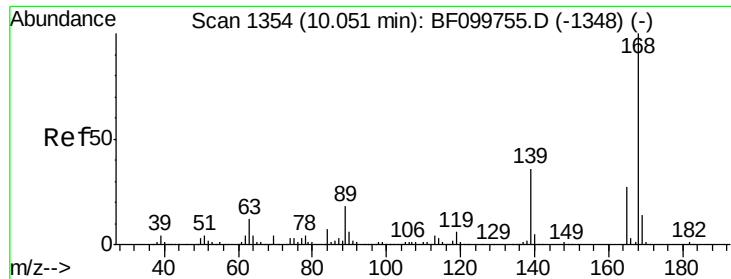
#50
 2,6-Dinitrotoluene
 Concen: 7.59 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF100028.D
 Acq: 1 Nov 2017 5:37

Tgt Ion:165 Resp: 21680
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 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

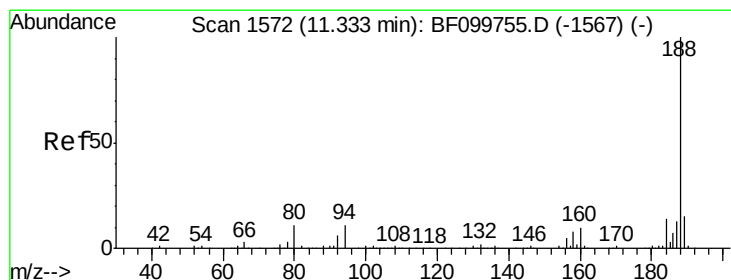
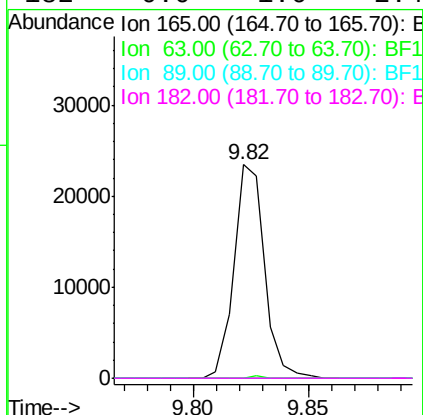
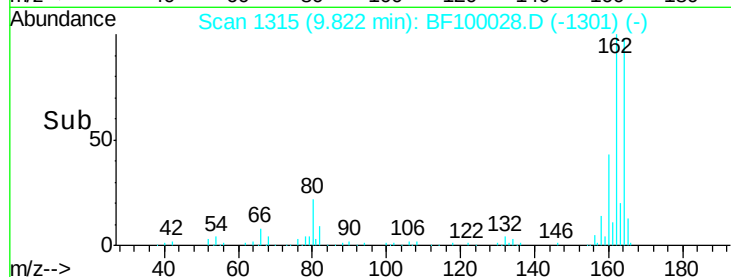
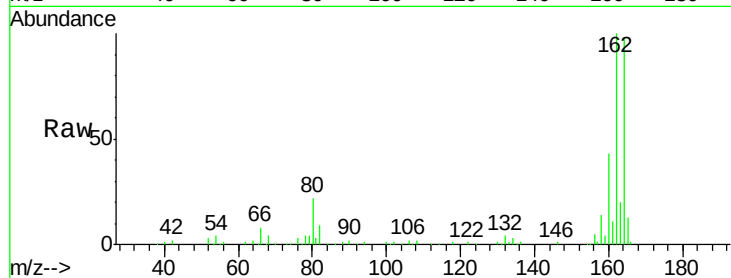




#56
 2,4-Dinitrotoluene
 Concen: 6.30 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF100028.D
 Acq: 1 Nov 2017 5:37

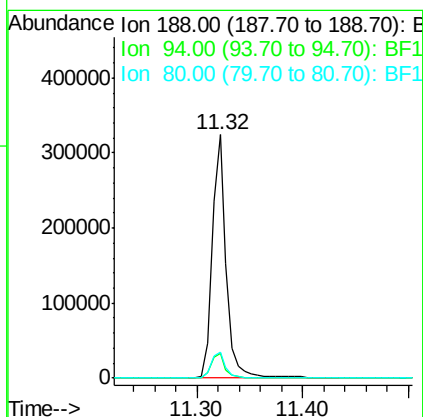
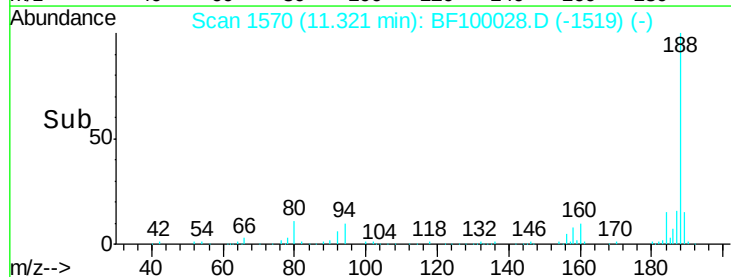
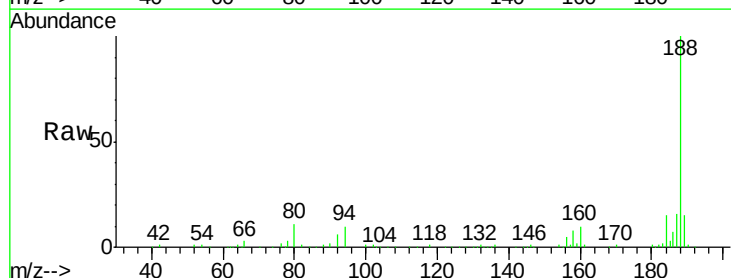
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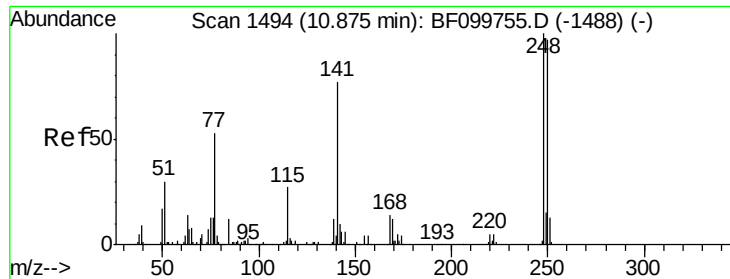
Tgt Ion:165 Resp: 21680
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF100028.D
 Acq: 1 Nov 2017 5:37

Tgt Ion:188 Resp: 301450
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 10.7 9.2 13.8

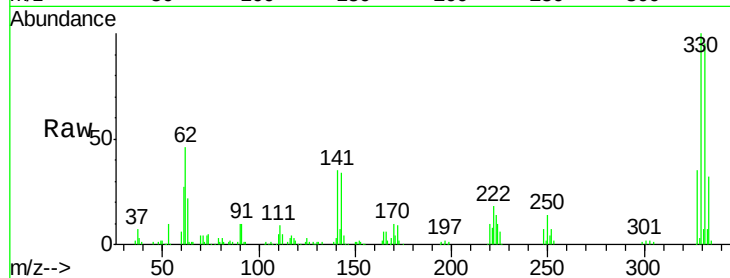




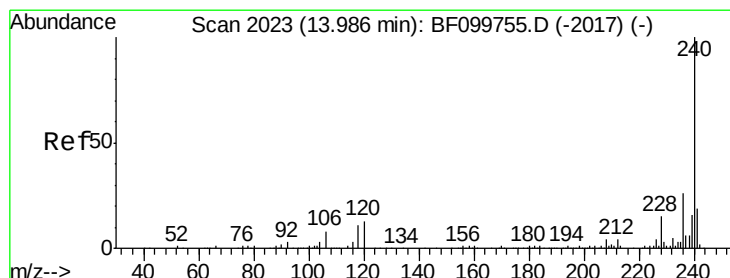
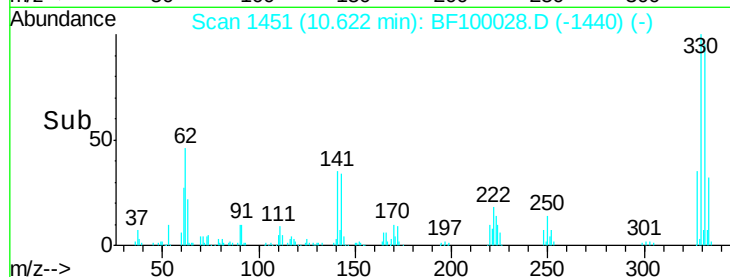
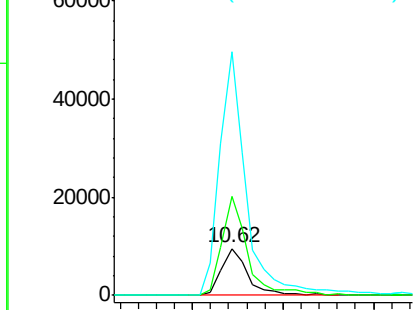
#66
4-Bromophenyl-phenylether
Concen: 3.05 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF100028.D
Acq: 1 Nov 2017 5:37

Instrument :
BNA_F
ClientSampleId :
PB103271TB

Tgt Ion:248 Resp: 9679
Ion Ratio Lower Upper
248 100
250 210.0 76.9 115.3#
141 518.4 74.4 111.6#

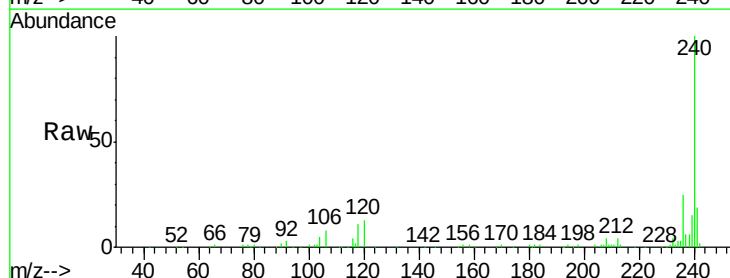


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

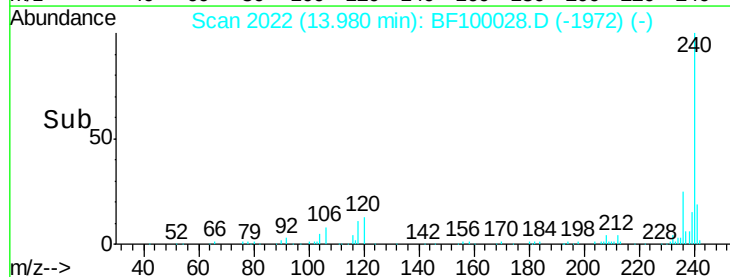
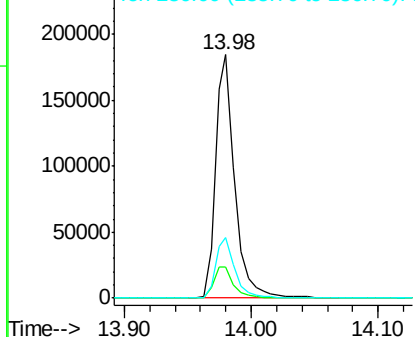


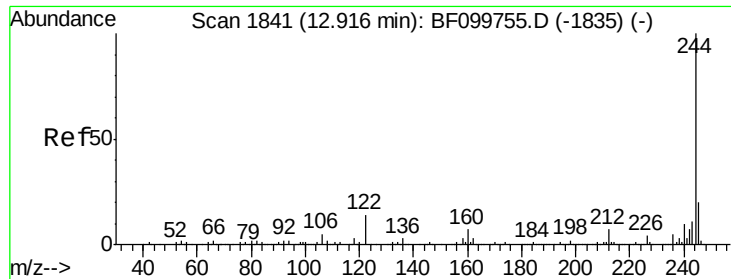
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100028.D
Acq: 1 Nov 2017 5:37

Tgt Ion:240 Resp: 196475
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 24.7 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

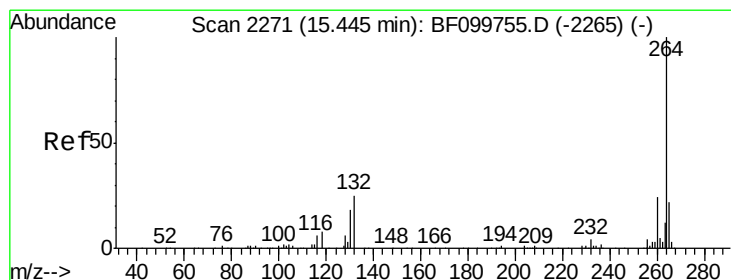
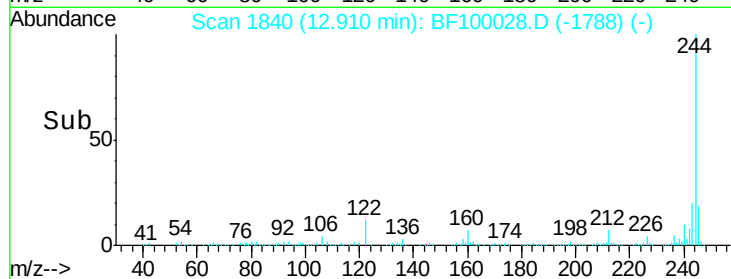
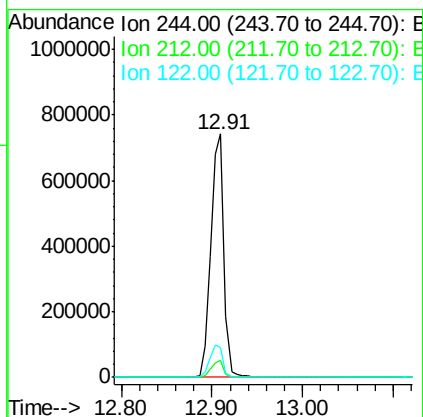
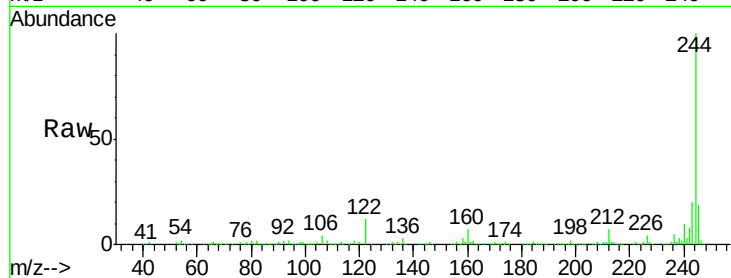




#78
 Terphenyl-d14
 Concen: 83.29 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF100028.D
 Acq: 1 Nov 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :
 PB103271TB

Tgt Ion:244 Resp: 748780
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF100028.D
 Acq: 1 Nov 2017 5:37

Tgt Ion:264 Resp: 163414
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 22.4 17.5 26.3

