

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103632.D
 Acq On : 14 Mar 2018 5:55
 Operator : SJ/JU
 Sample : J1895-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 11:12:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

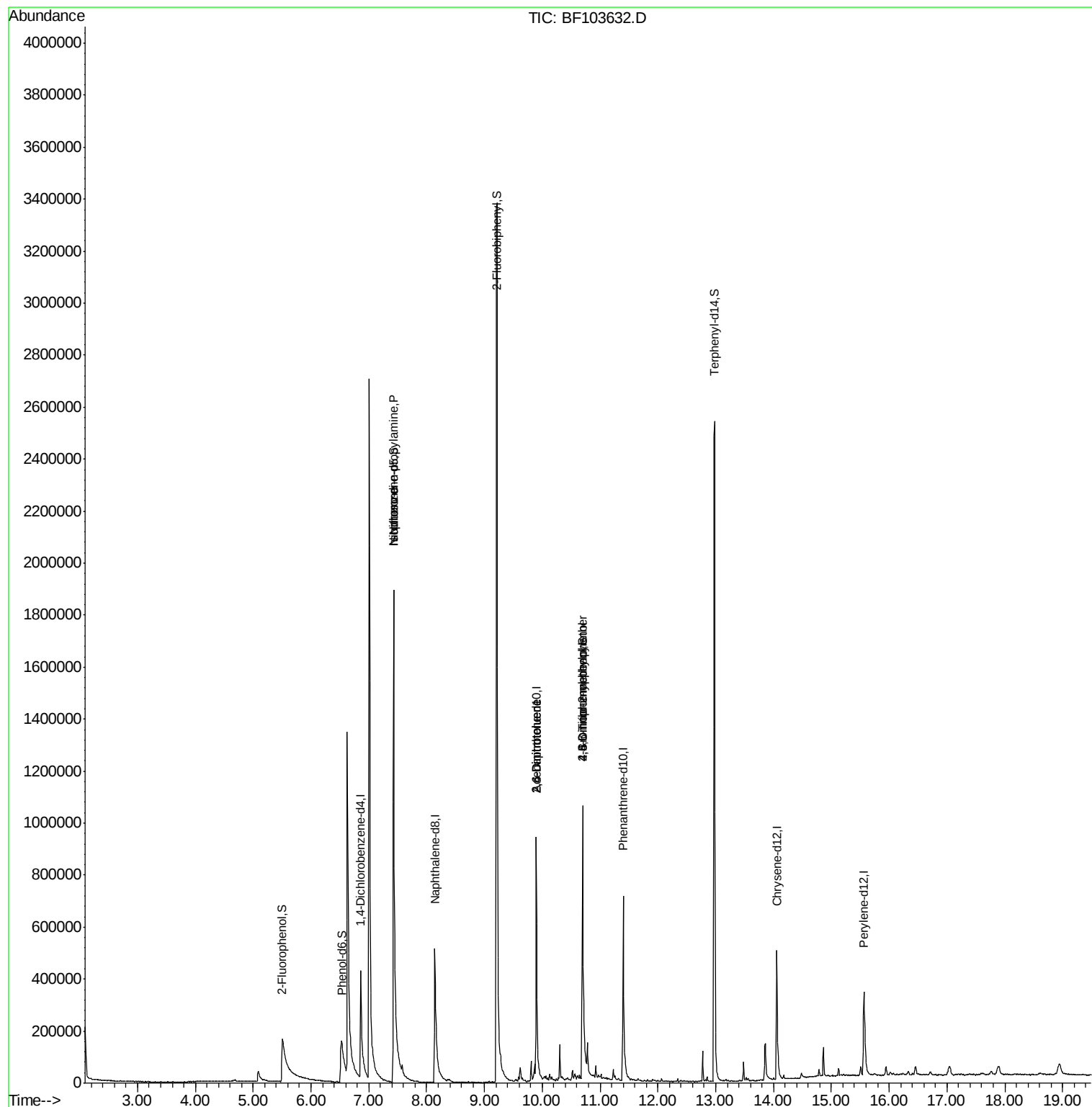
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	134138	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	595619	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	259638	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	426080	20.00	ng	0.00
75) Chrysene-d12	14.06	240	245628	20.00	ng	0.00
86) Perylene-d12	15.57	264	235787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	268571	30.28	ng	0.02
7) Phenol-d6	6.53	99	269037	24.79	ng	0.02
23) Nitrobenzene-d5	7.43	82	1111846	106.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	175475	79.85	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1588055	114.31	ng	0.00
78) Terphenyl-d14	12.98	244	1034598	101.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	138066	20.441	ng	# 86
25) Isophorone	7.43	82	1120585	54.553	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	31919	7.303	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	32779	5.930	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.69	198	107	4.982	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	12211	2.751	ng	# 1

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

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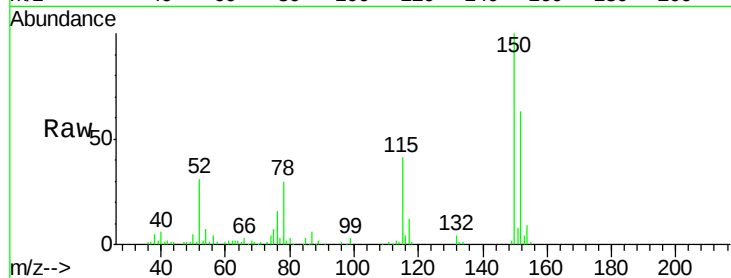


#1

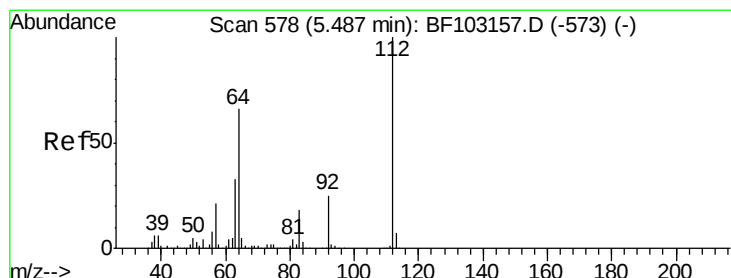
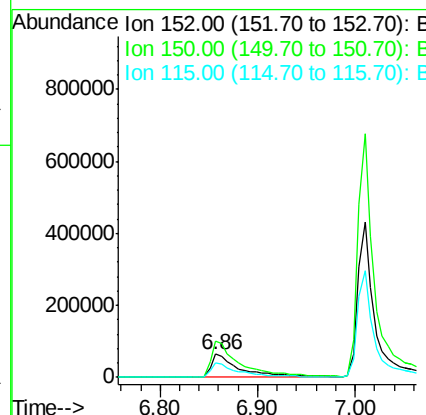
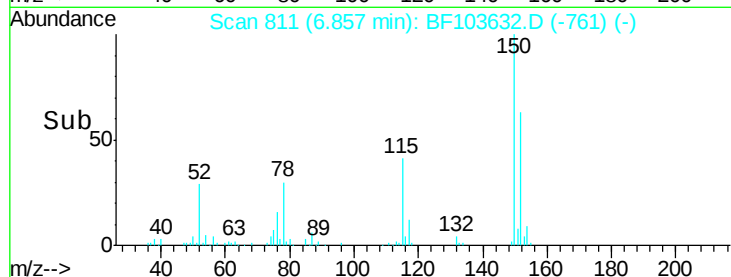
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	65.1	50.1	75.1



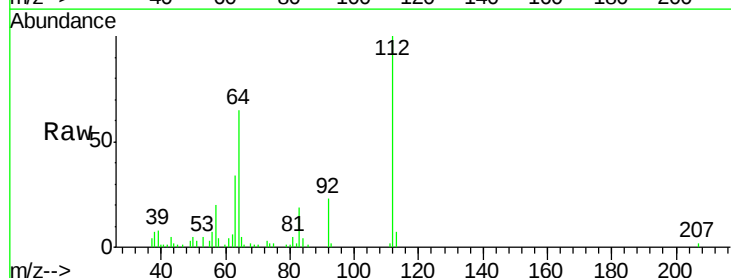
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



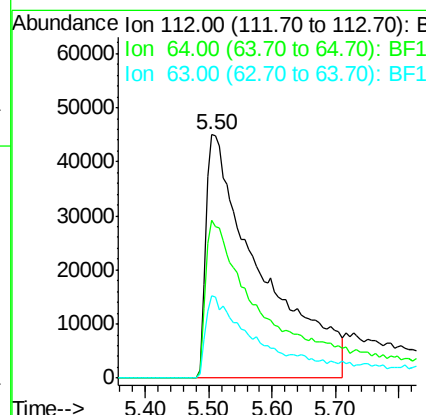
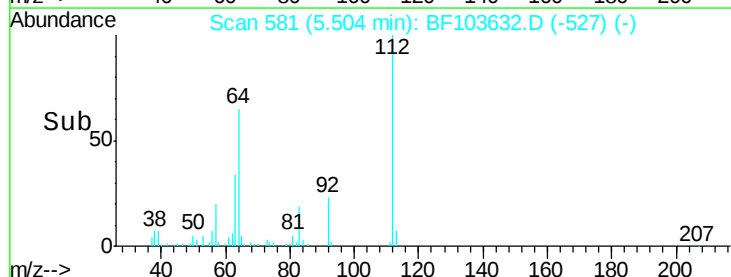
#5

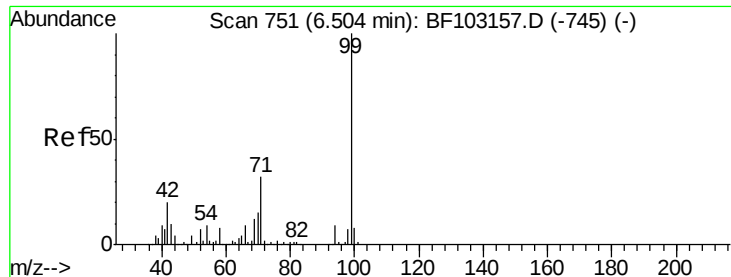
2-Fluorophenol
Concen: 30.282 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	47.9	71.9
63	34.0	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: 24.790 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF103632.D

Acq: 14 Mar 2018 5:55

Instrument :

BNA_F

ClientSampleId :

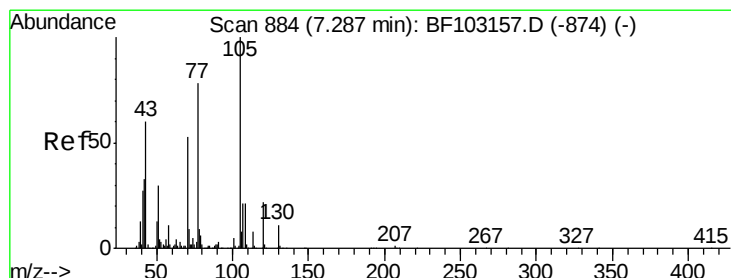
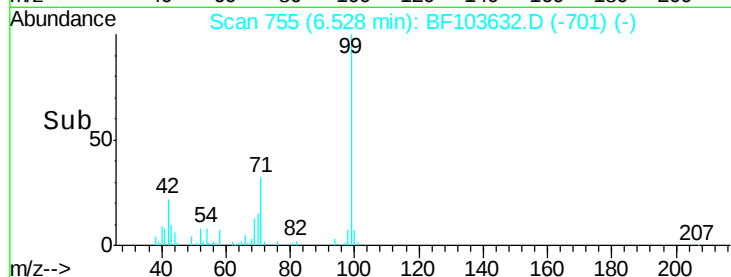
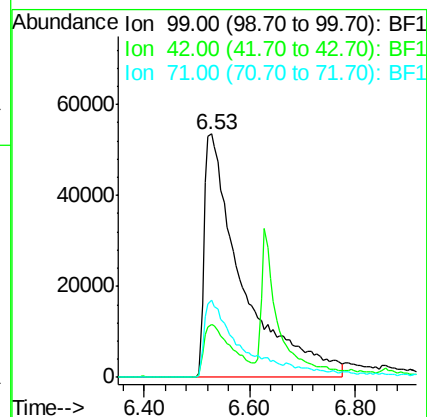
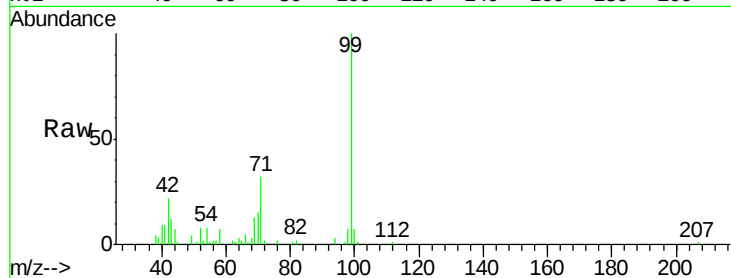
Tot Ion: 99 Resp: 269037

Ion Ratio Lower Upper

99 100

42 22.0 14.5 21.7#

71 31.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 20.441 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.15 min

Lab File: BF103632.D

Acq: 14 Mar 2018 5:55

Tgt Ion: 70 Resp: 138066

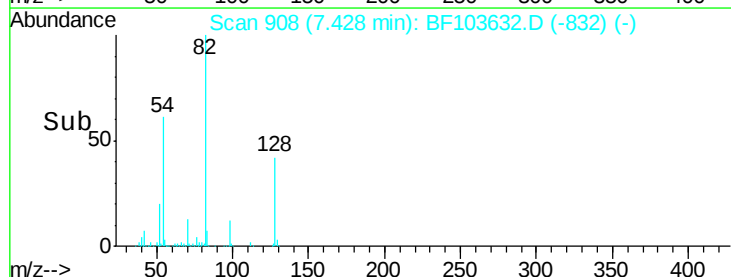
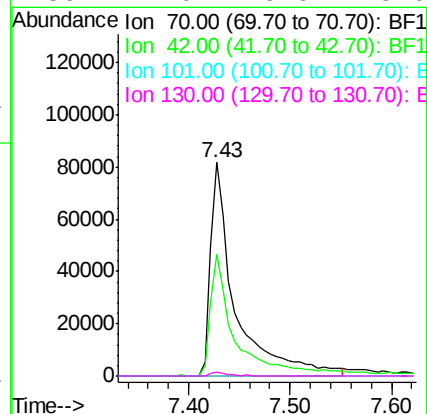
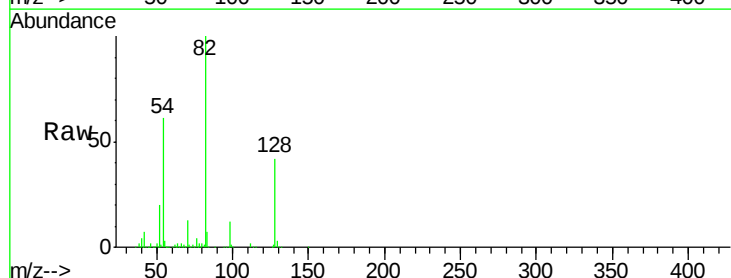
Ion Ratio Lower Upper

70 100

42 56.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

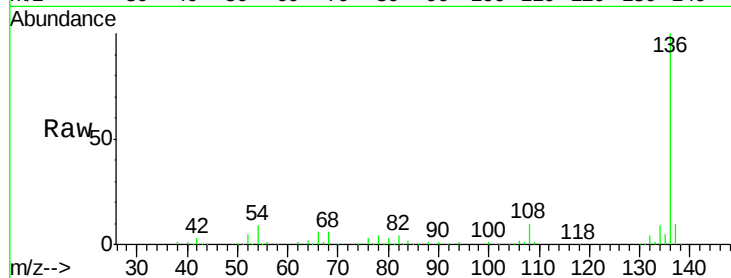




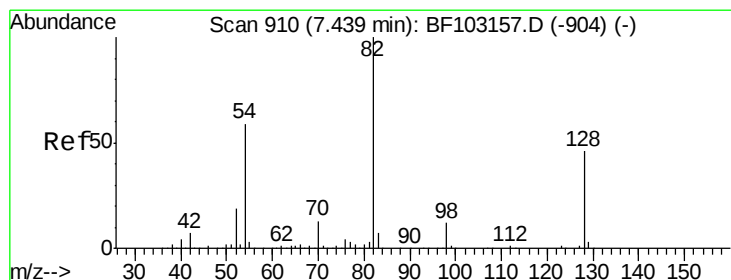
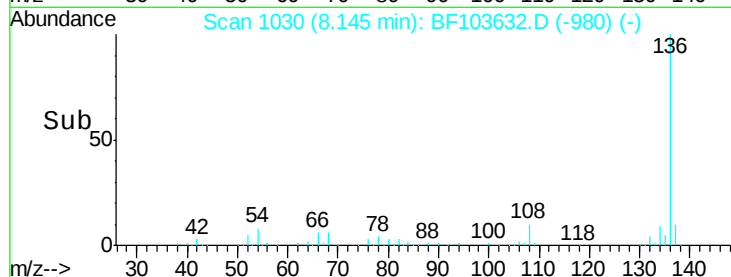
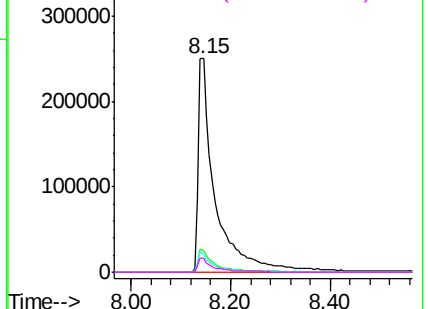
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	595619
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.9 13.3
54	8.6	6.6 9.8
68	6.3	5.0 7.4

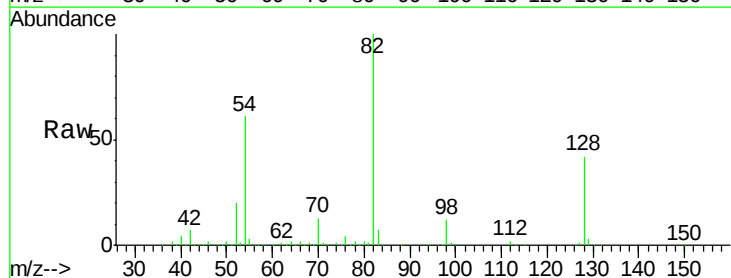


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

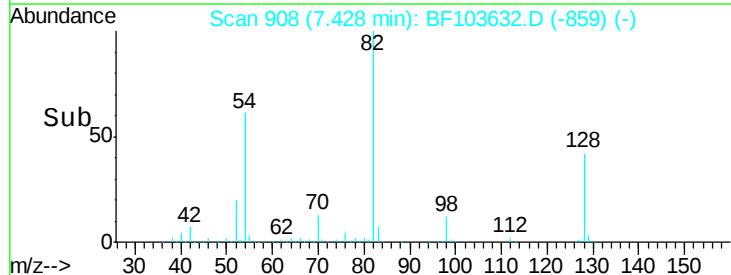
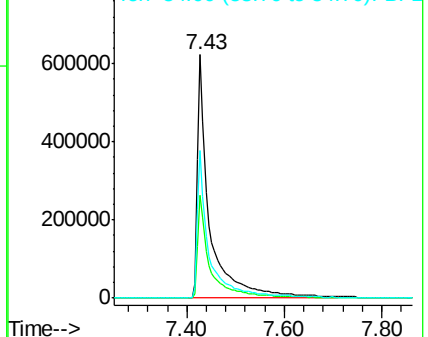


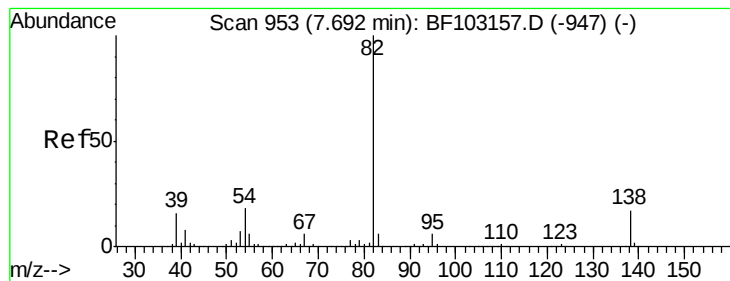
#23
Nitrobenzene-d5
Concen: 106.605 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

Tgt Ion: 82	Resp:	1111846
Ion Ratio	Lower	Upper
82	100	
128	42.4	36.1 54.1
54	60.6	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: 54.553 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF103632.D

Acq: 14 Mar 2018 5:55

Instrument :

BNA_F

ClientSampleId :

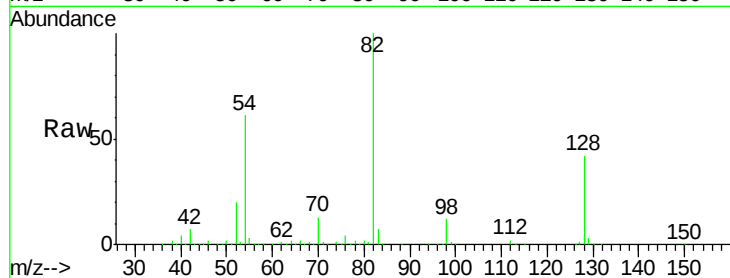
Tot Ion: 82 Resp: 1120585

Ion Ratio Lower Upper

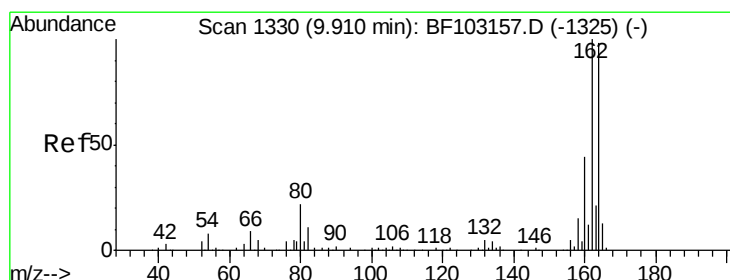
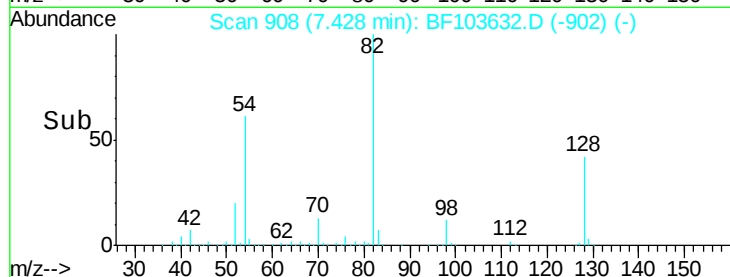
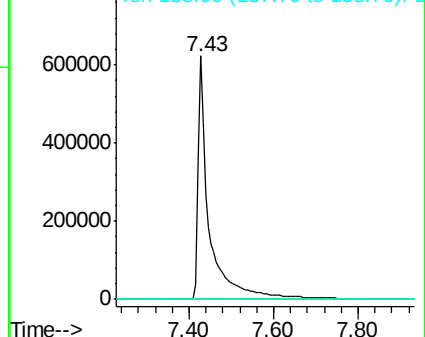
82 100

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: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF103632.D

Acq: 14 Mar 2018 5:55

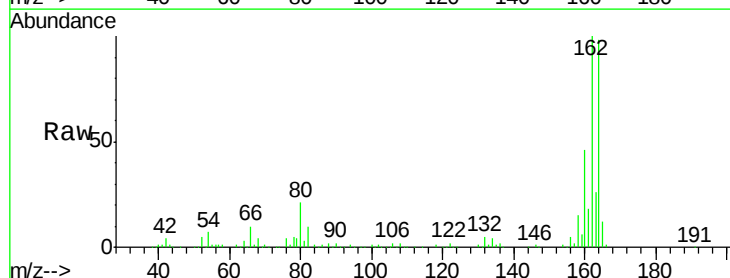
Tgt Ion:164 Resp: 259638

Ion Ratio Lower Upper

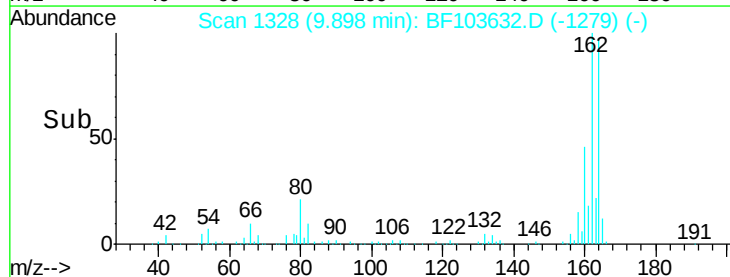
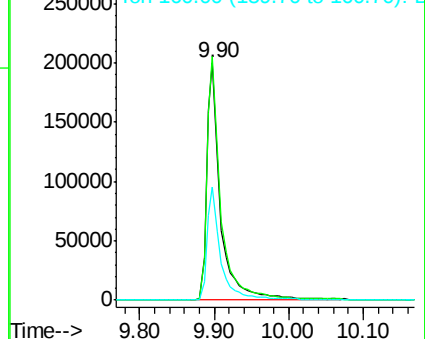
164 100

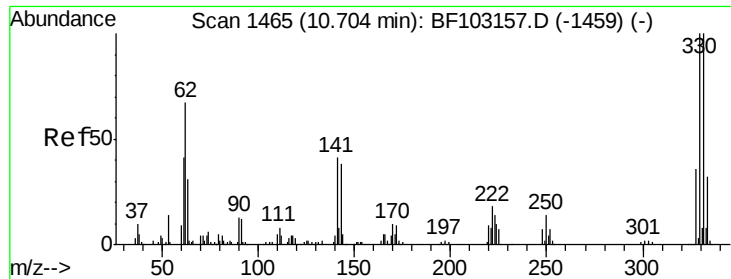
162 102.5 86.1 129.1

160 47.3 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

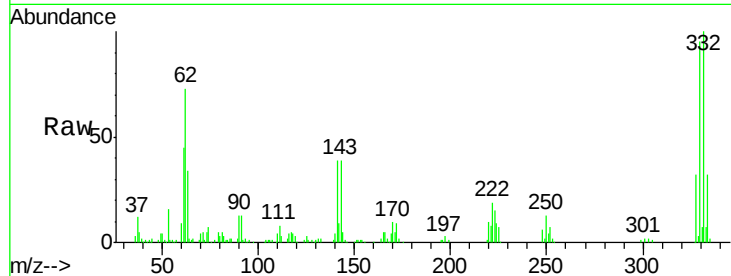




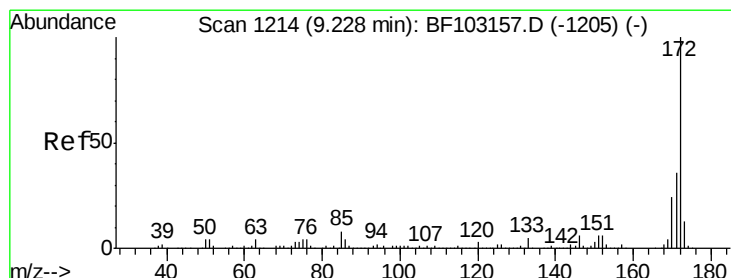
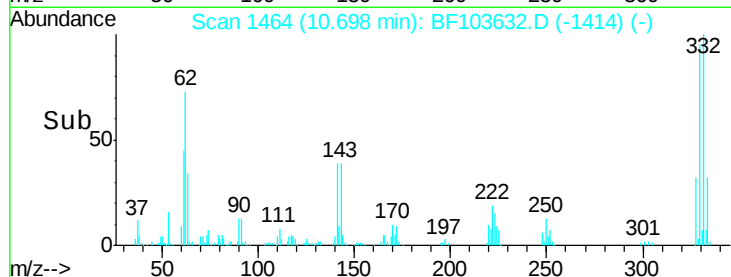
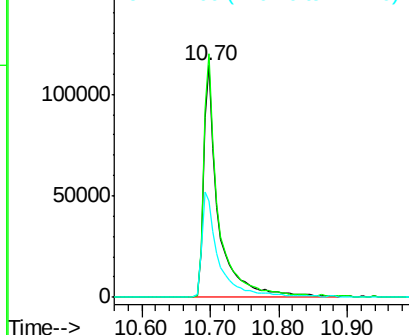
#41
 2,4,6-Tribromophenol
 Concen: 79.845 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103632.D
 Acq: 14 Mar 2018 5:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.8	77.0	115.6
141	50.9	29.9	44.9

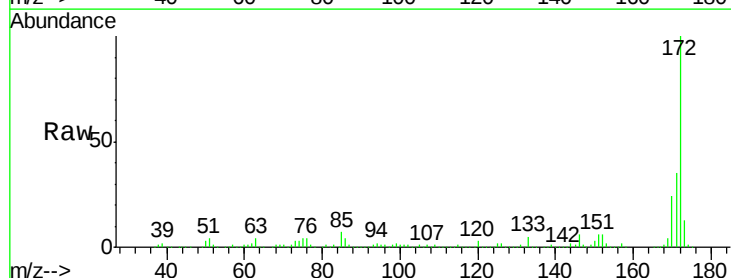


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

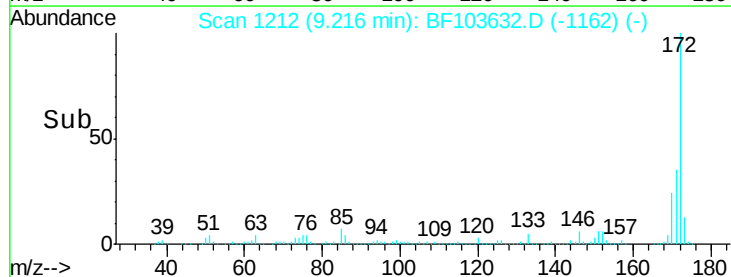
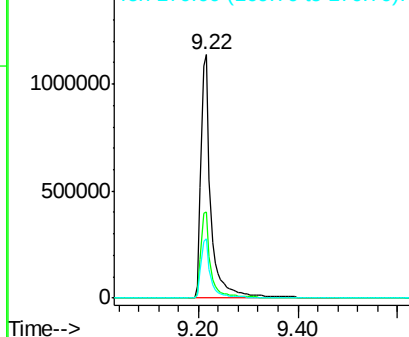


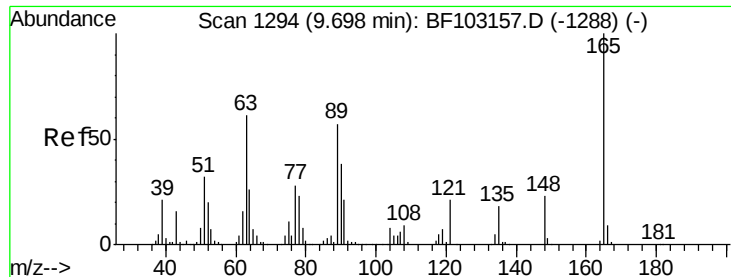
#44
 2-Fluorobiphenyl
 Concen: 114.314 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103632.D
 Acq: 14 Mar 2018 5:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	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

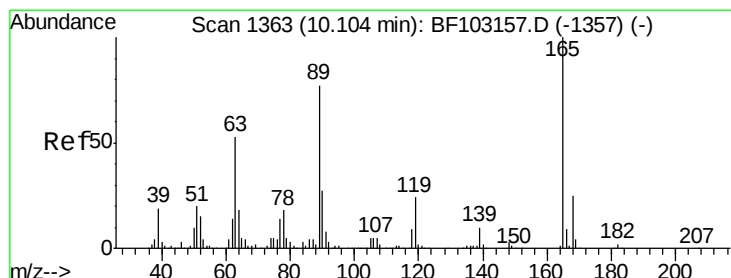
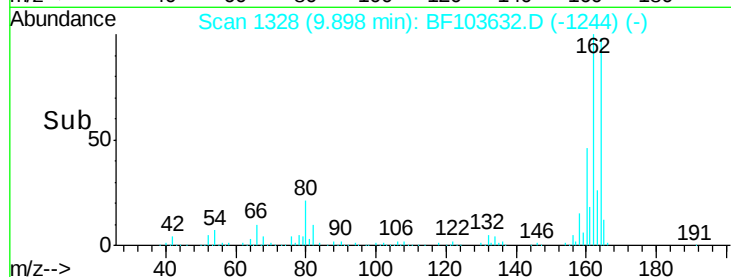
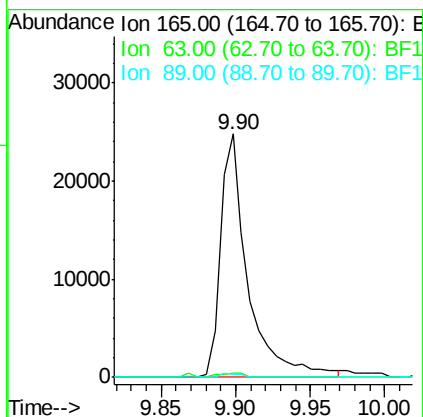
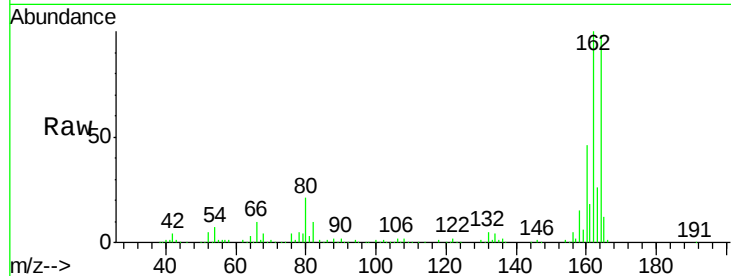




#50
2,6-Dinitrotoluene
Concen: 7.303 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.19 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

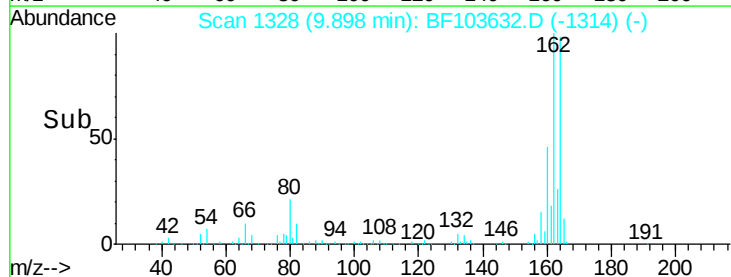
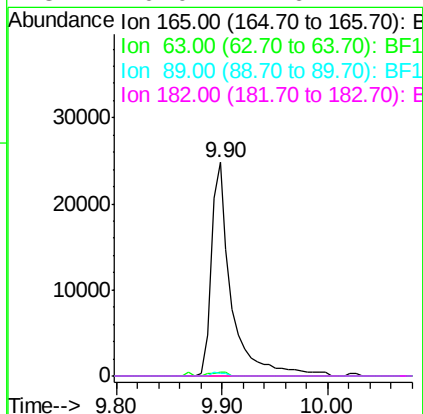
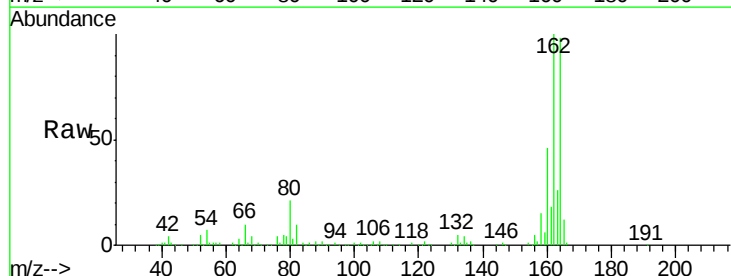
Instrument :
BNA_F
ClientSampleId :

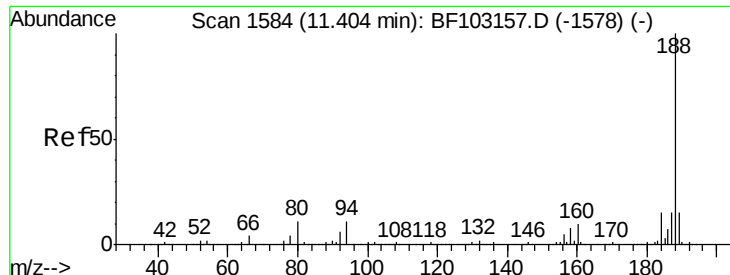
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.4	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 5.930 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.22 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

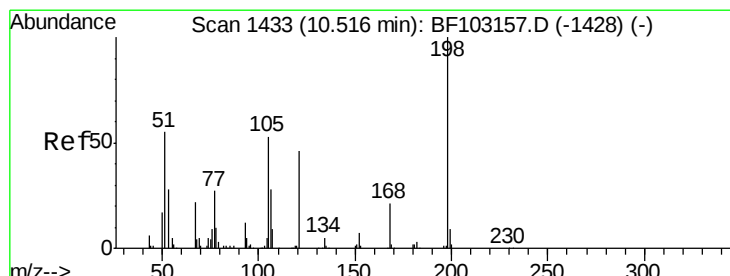
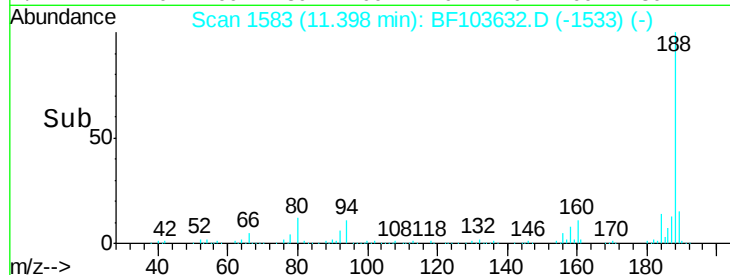
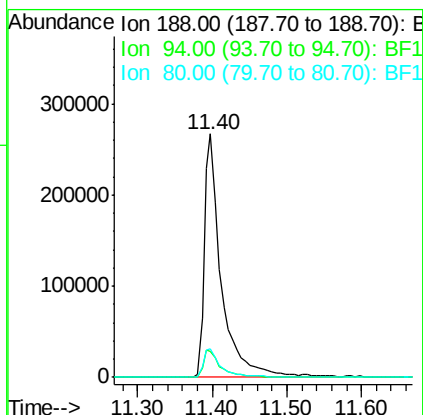
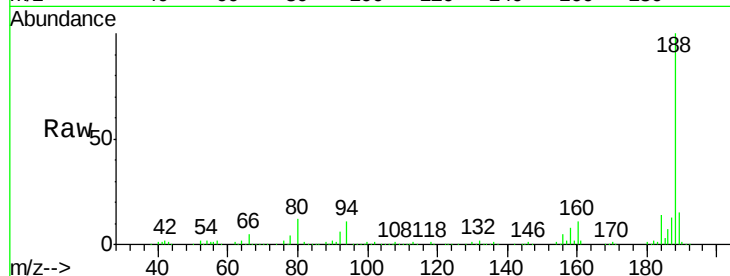




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

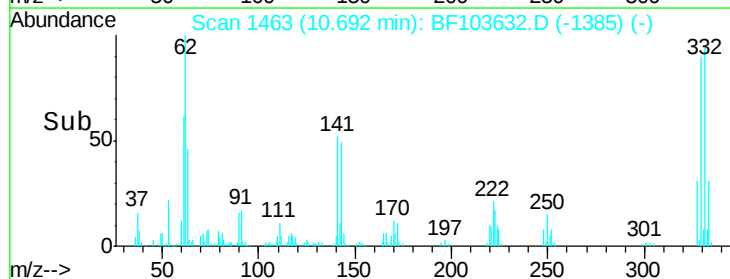
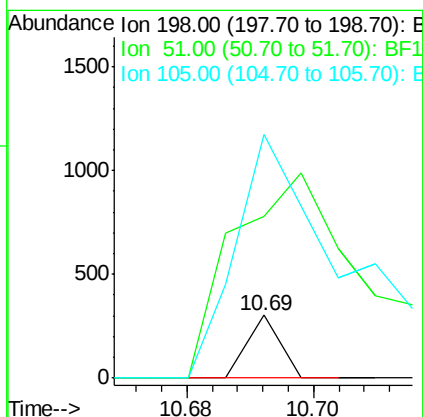
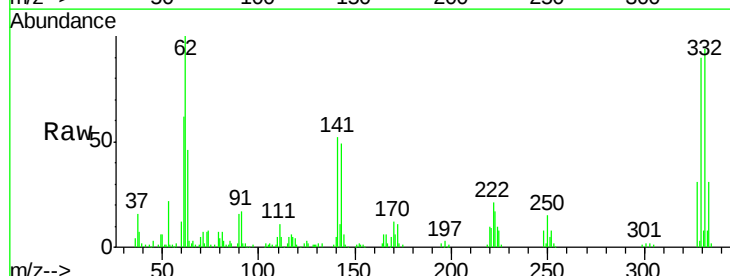
Instrument :
BNA_F
ClientSampleId :

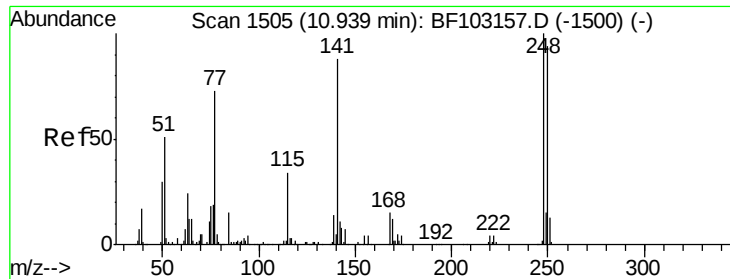
Tot Ion:188 Resp: 426080
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 4.982 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.16 min
Lab File: BF103632.D
Acq: 14 Mar 2018 5:55

Tgt Ion:198 Resp: 107
Ion Ratio Lower Upper
198 100
51 258.9 37.7 77.7#
105 388.4 36.3 76.3#

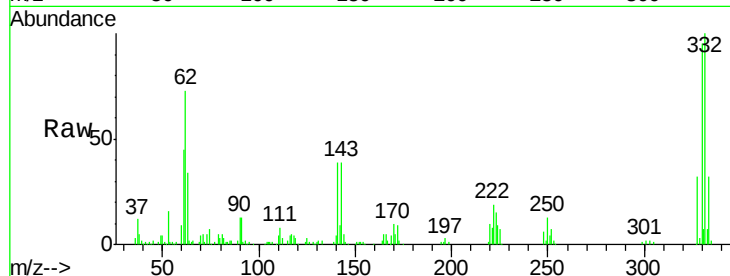




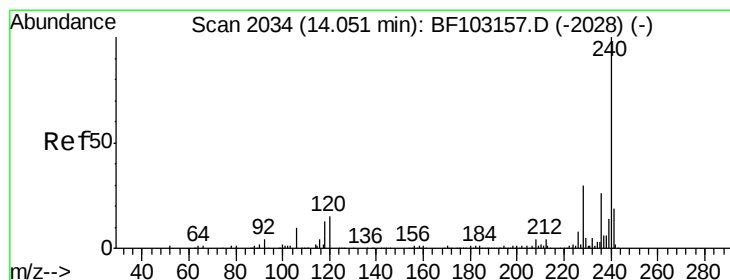
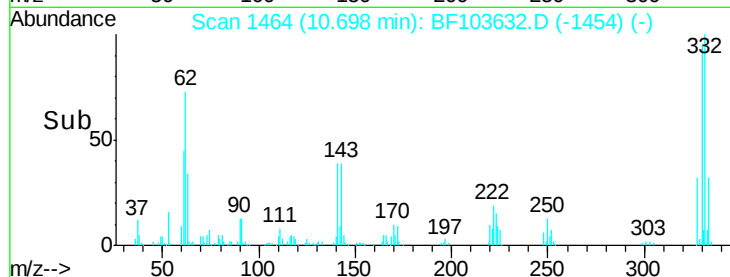
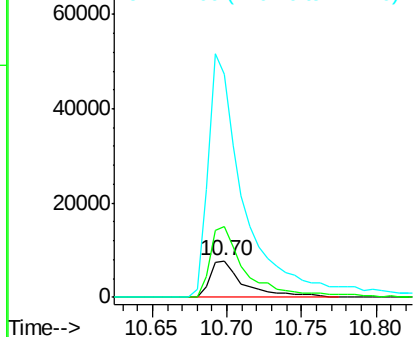
#66
 4-Bromophenyl-phenylether
 Concen: 2.751 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.24 min
 Lab File: BF103632.D
 Acq: 14 Mar 2018 5:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12211
 Ion Ratio Lower Upper
 248 100
 250 194.7 76.9 115.3#
 141 609.9 74.4 111.6#

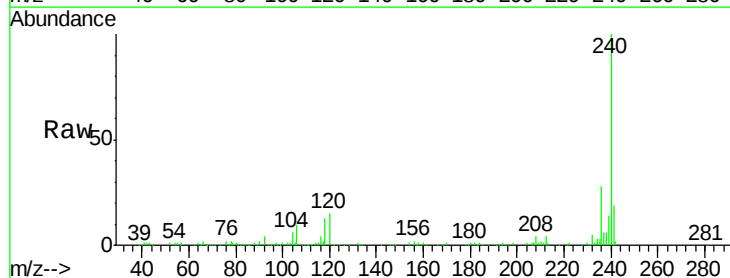


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

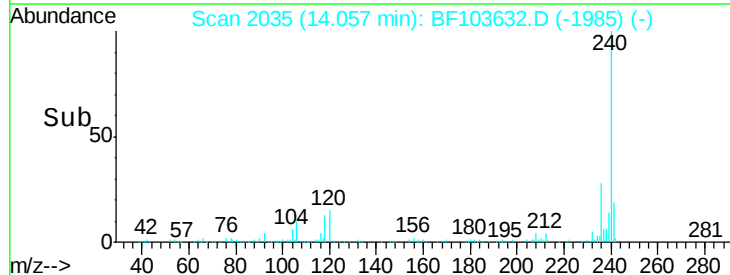
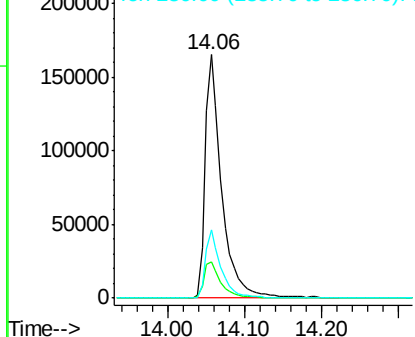


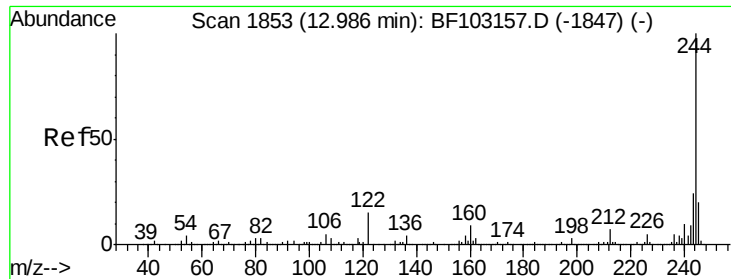
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF103632.D
 Acq: 14 Mar 2018 5:55

Tgt Ion:240 Resp: 245628
 Ion Ratio Lower Upper
 240 100
 120 14.9 9.5 14.3#
 236 27.9 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: 101.252 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103632.D

Acq: 14 Mar 2018 5:55

Instrument :

BNA_F

ClientSampled :

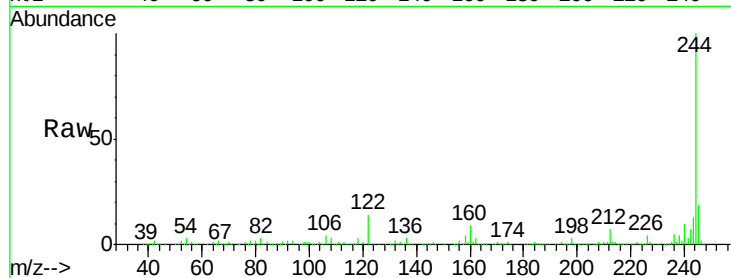
Tot Ion:244 Resp: 1034598

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

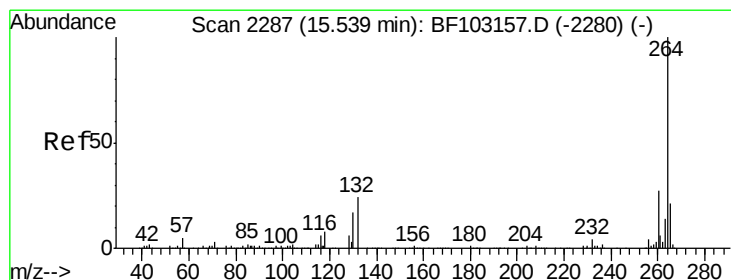
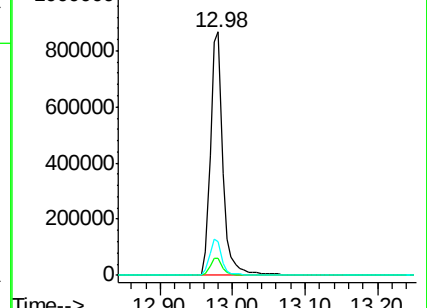
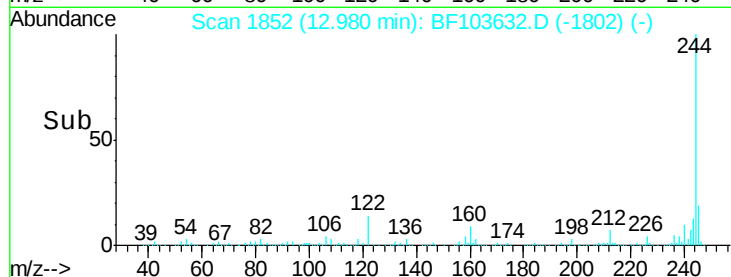
122 14.0 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BF103632.D

Acq: 14 Mar 2018 5:55

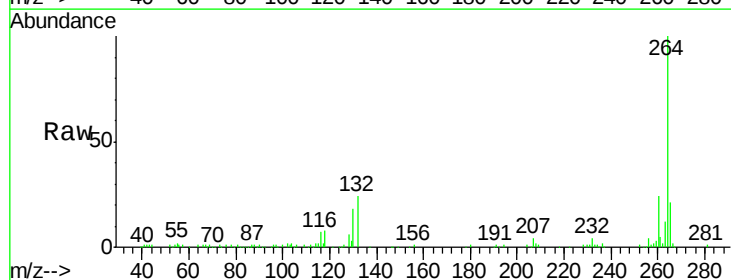
Tgt Ion:264 Resp: 235787

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.1 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

