

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104951.D
 Acq On : 30 Apr 2018 23:27
 Operator : JU/SJ
 Sample : J2608-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 04:40:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

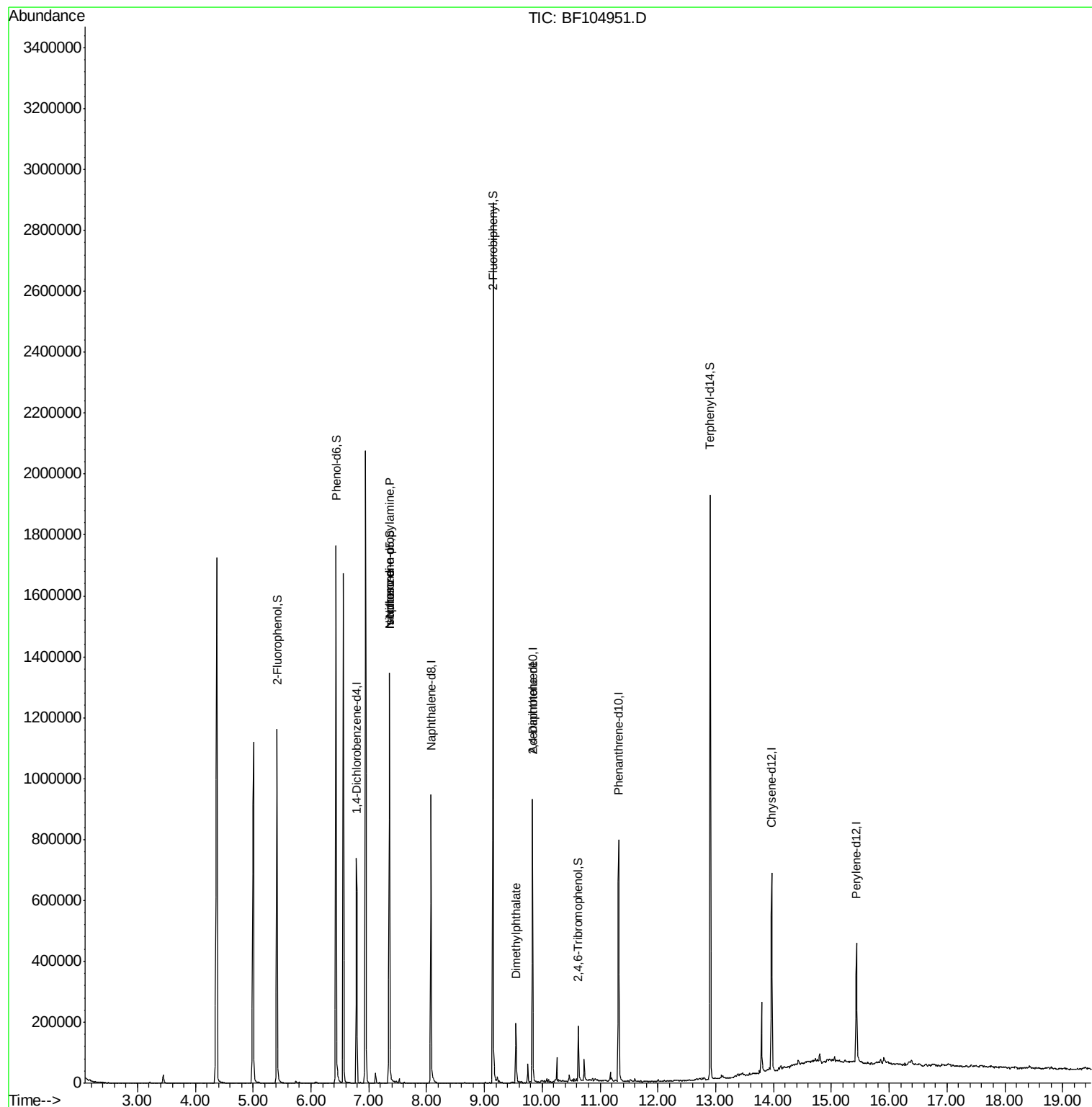
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	112987	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	459252	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	196783	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	313109	20.00	ng	0.00
75) Chrysene-d12	13.97	240	220310	20.00	ng	0.00
86) Perylene-d12	15.43	264	180729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	355337	48.09	ng	0.00
7) Phenol-d6	6.43	99	679864	74.88	ng	0.00
23) Nitrobenzene-d5	7.36	82	475045	67.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	26061	12.77	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	884819	71.03	ng	0.00
78) Terphenyl-d14	12.91	244	707863	73.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	61533	10.37	ng	# 72
25) Isophorone	7.36	82	475041	31.94	ng	# 64
49) Dimethylphthalate	9.55	163	90594	5.84	ng	98
56) 2,4-Dinitrotoluene	9.83	165	24599	6.53	ng	# 23
76) Benzidine	12.90	184	9129	Below Cal		# 95

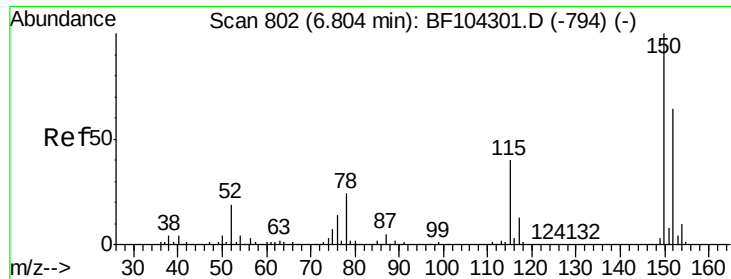
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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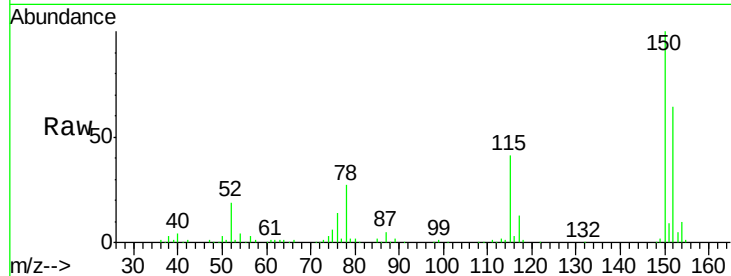


#1

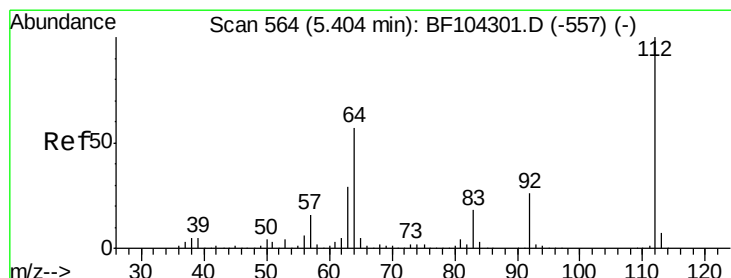
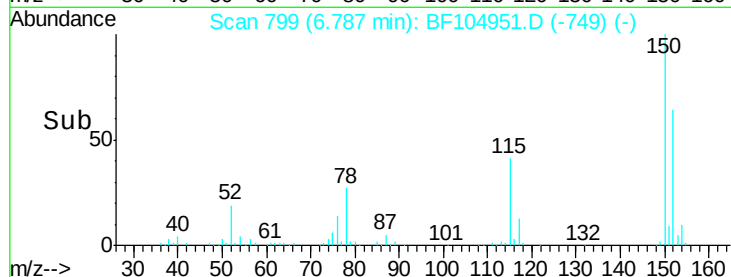
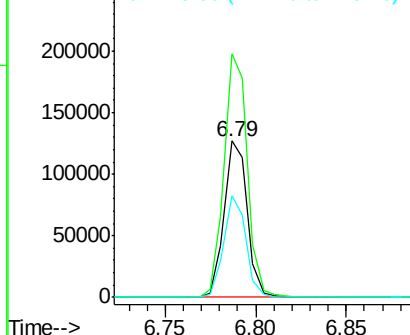
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104951.D
Acq: 30 Apr 2018 23:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 112987
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 64.7 50.1 75.1



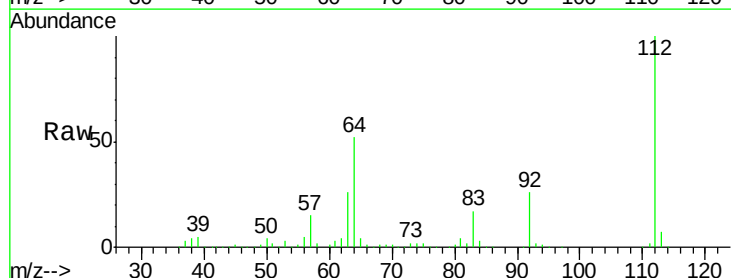
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



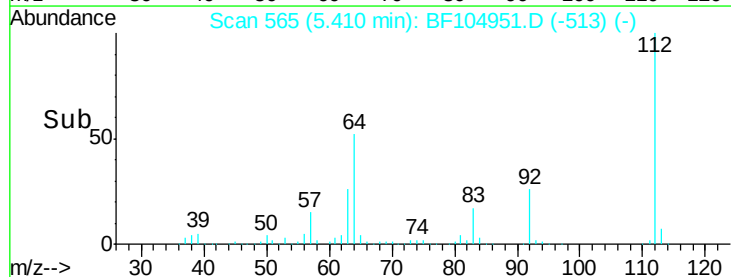
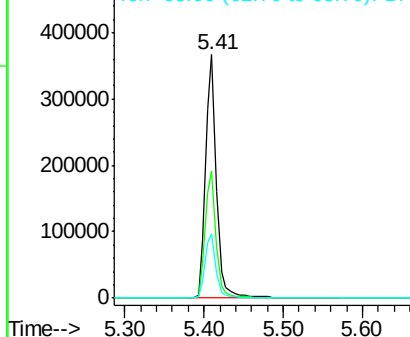
#5

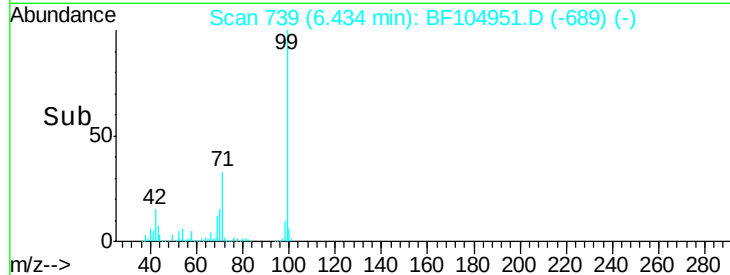
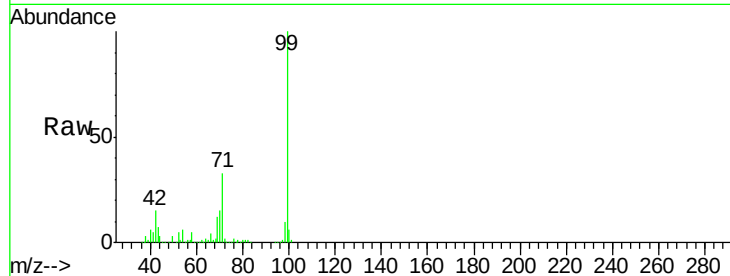
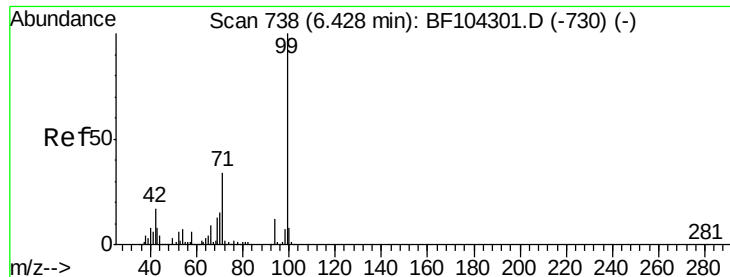
2-Fluorophenol
Concen: 48.09 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104951.D
Acq: 30 Apr 2018 23:27

Tgt Ion:112 Resp: 355337
Ion Ratio Lower Upper
112 100
64 52.5 47.9 71.9
63 26.4 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: 74.88 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104951.D

Acq: 30 Apr 2018 23:27

Instrument :

BNA_F

ClientSampleId :

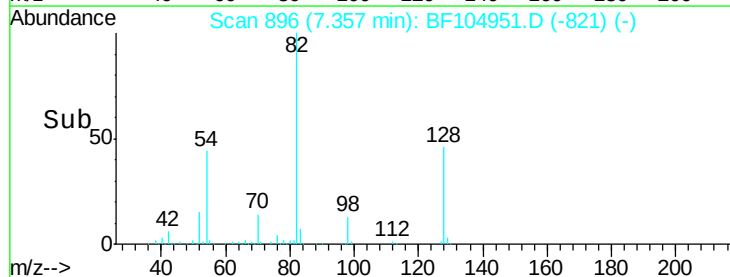
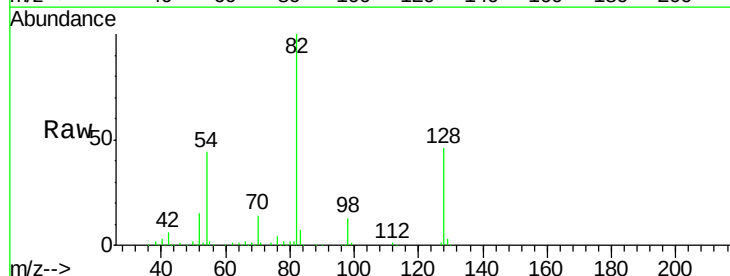
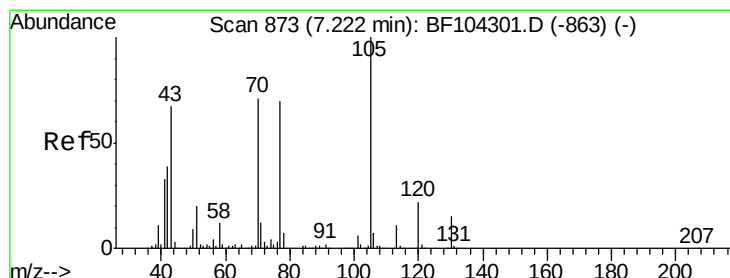
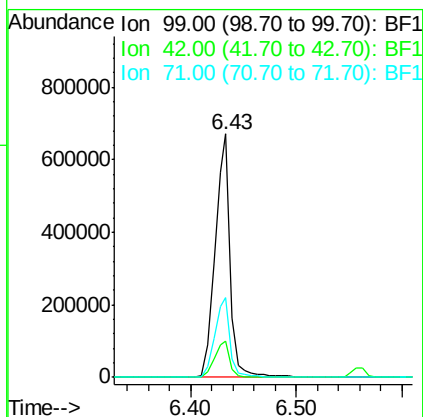
Tot Ion: 99 Resp: 679864

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

71 32.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.37 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF104951.D

Acq: 30 Apr 2018 23:27

Tgt Ion: 70 Resp: 61533

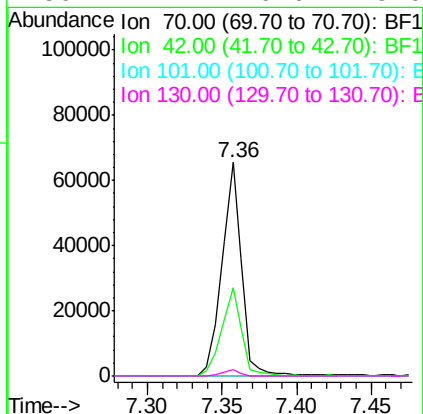
Ion Ratio Lower Upper

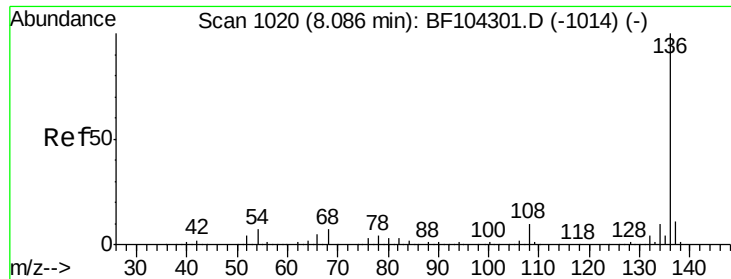
70 100

42 41.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

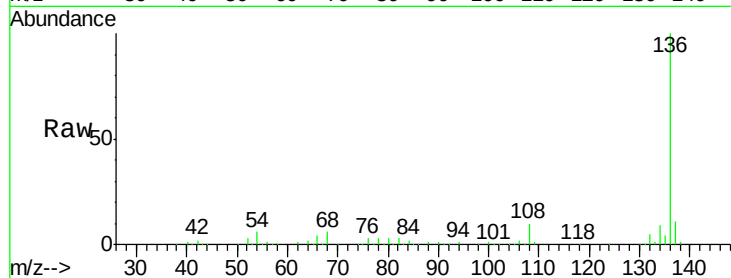




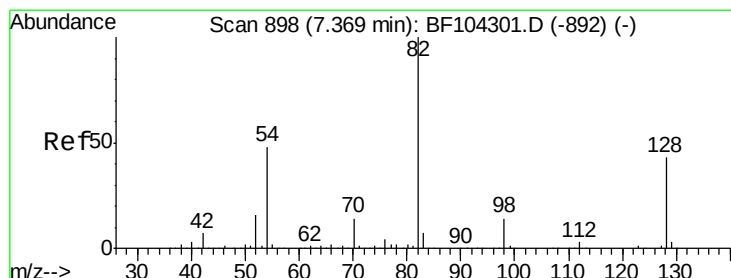
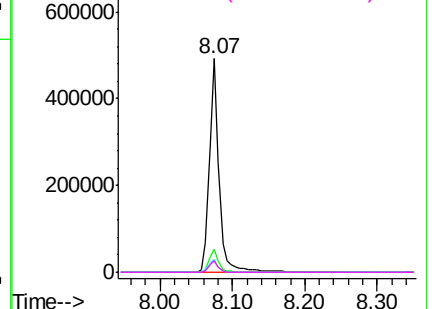
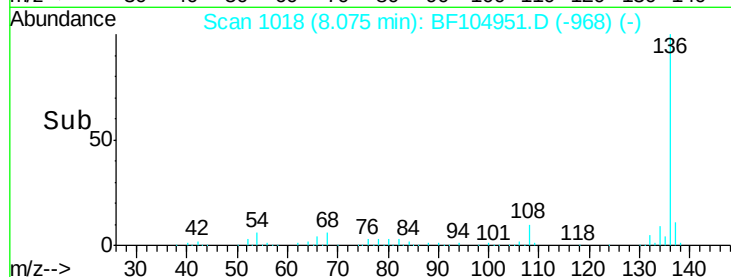
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104951.D
Acq: 30 Apr 2018 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	459252
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.3	6.6 9.8#
68	5.5	5.0 7.4

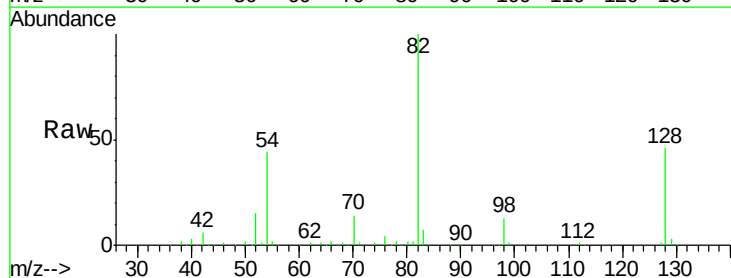


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

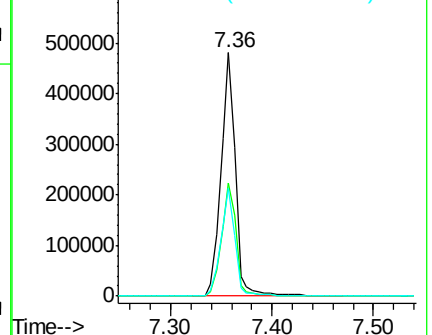
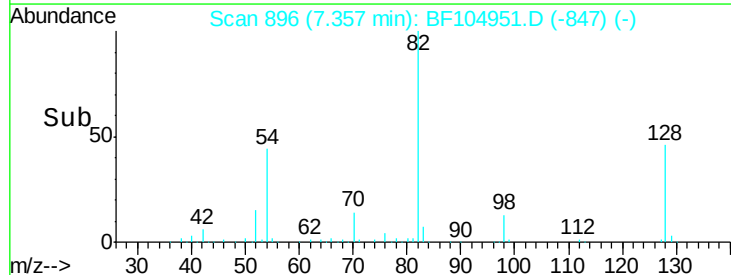


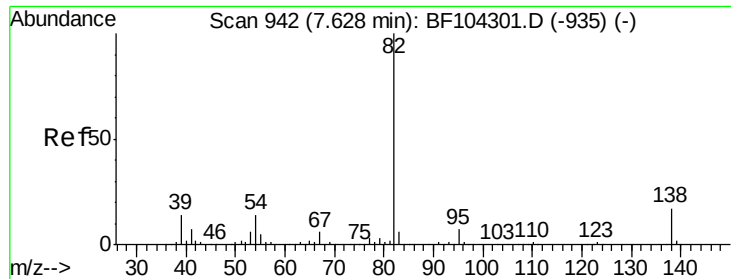
#23
Nitrobenzene-d5
Concen: 67.54 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104951.D
Acq: 30 Apr 2018 23:27

Tgt Ion: 82	Resp:	475045
Ion Ratio	Lower	Upper
82	100	
128	46.2	36.1 54.1
54	44.3	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

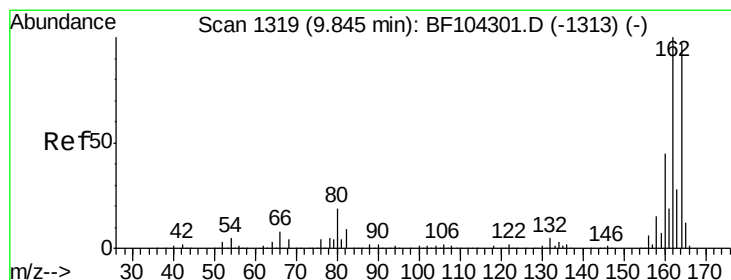
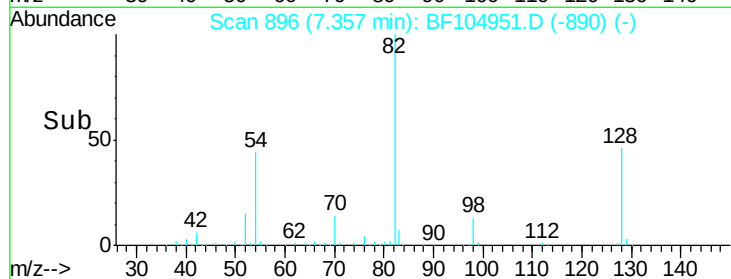
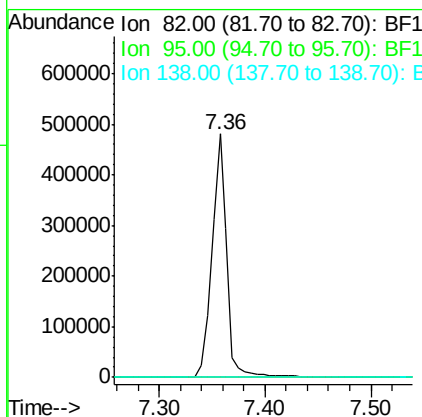
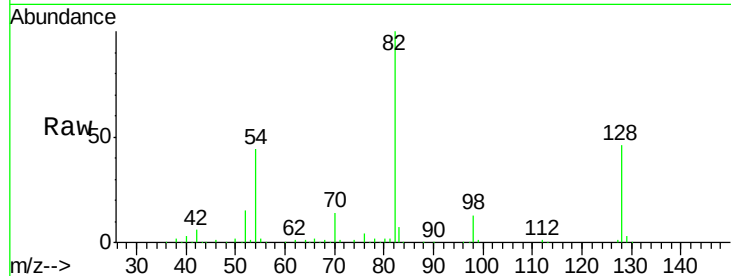




#25
Isophorone
Concen: 31.94 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF104951.D
Acq: 30 Apr 2018 23:27

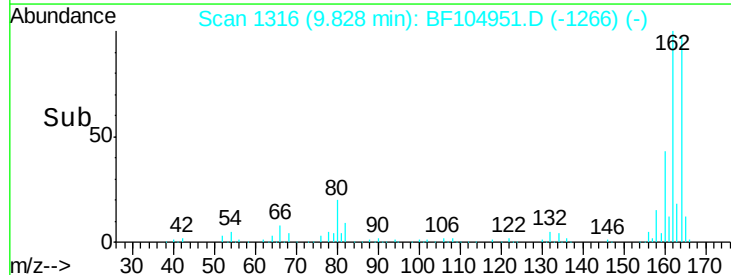
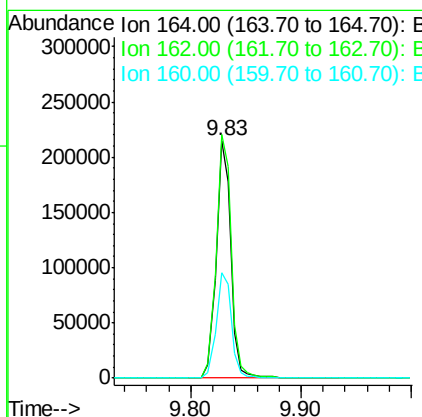
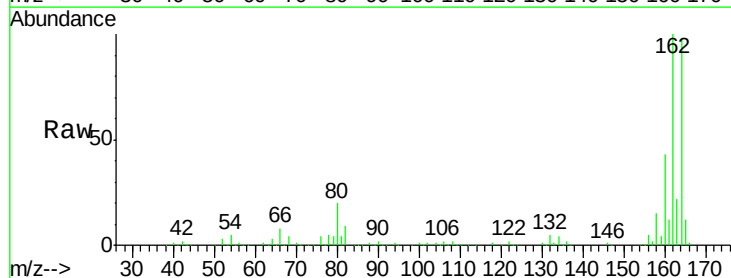
Instrument :
BNA_F
ClientSampleId :

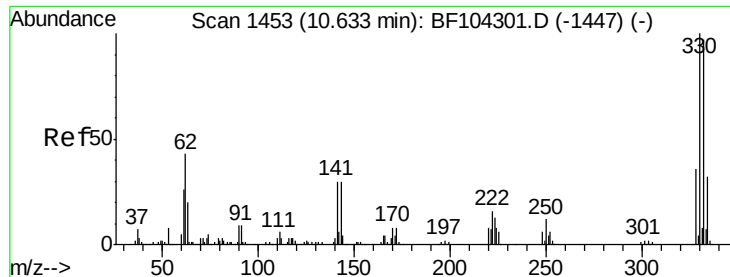
Tot Ion: 82 Resp: 475041
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF104951.D
Acq: 30 Apr 2018 23:27

Tgt Ion:164 Resp: 196783
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 44.1 38.3 57.5

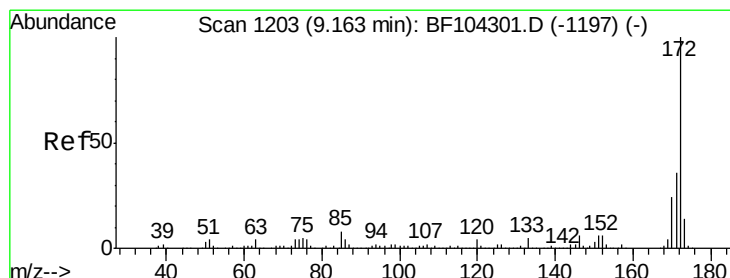
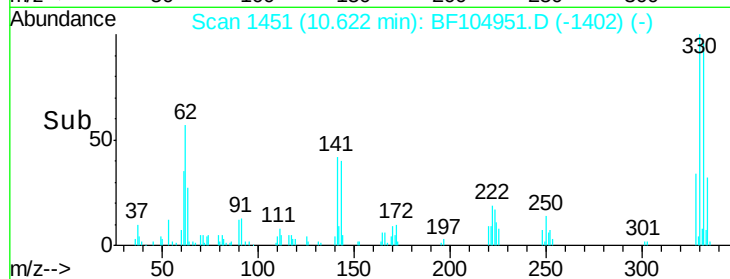
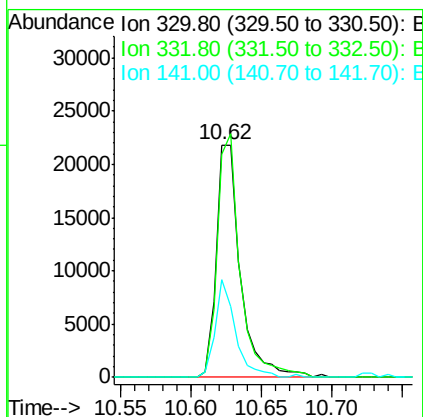
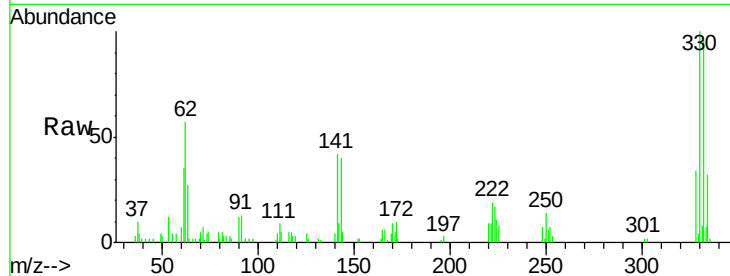




#41
 2,4,6-Tribromophenol
 Concen: 12.77 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104951.D
 Acq: 30 Apr 2018 23:27

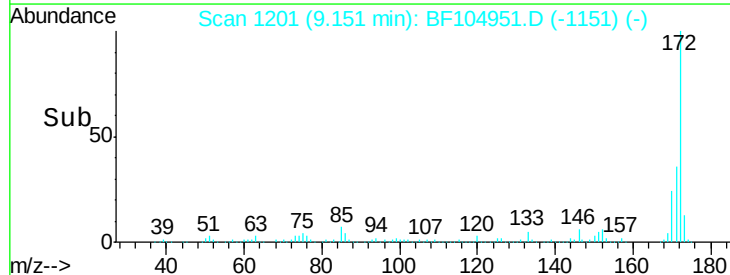
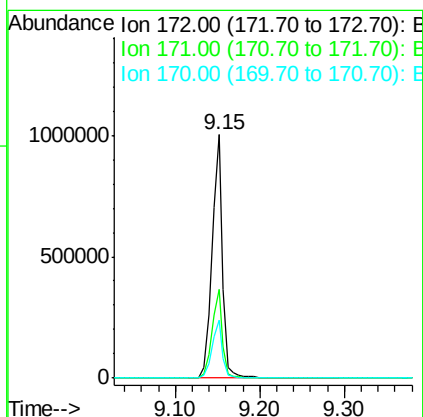
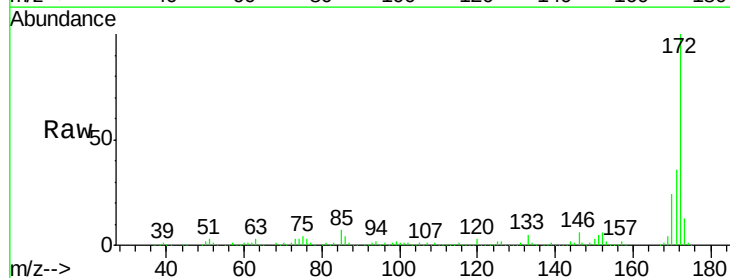
Instrument :
 BNA_F
 ClientSampled :

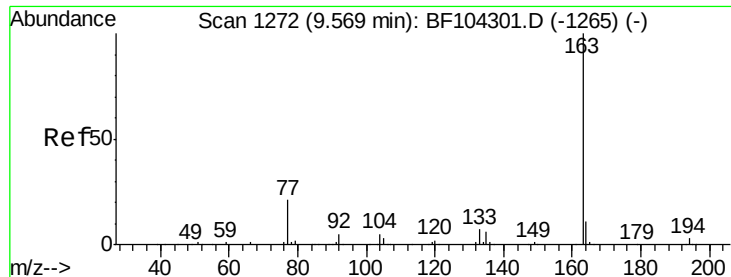
Tot Ion:330 Resp: 26061
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.0 115.6
 141 35.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 71.03 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104951.D
 Acq: 30 Apr 2018 23:27

Tgt Ion:172 Resp: 884819
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.9 19.6 29.4

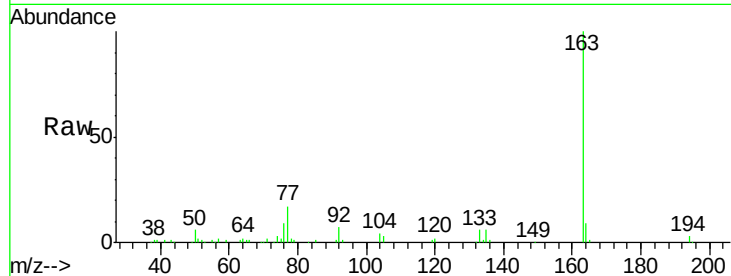




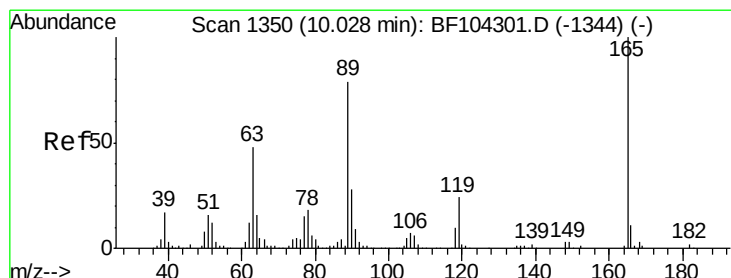
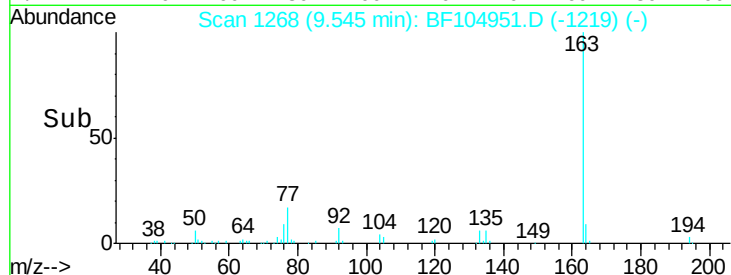
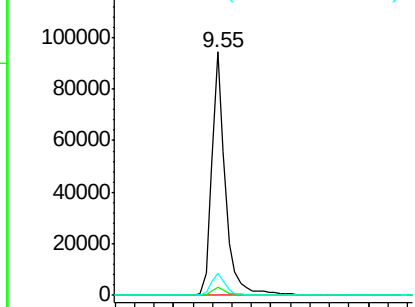
#49
Dimethylphthalate
Concen: 5.84 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104951.D
Acq: 30 Apr 2018 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 90594
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.3 8.2 12.2

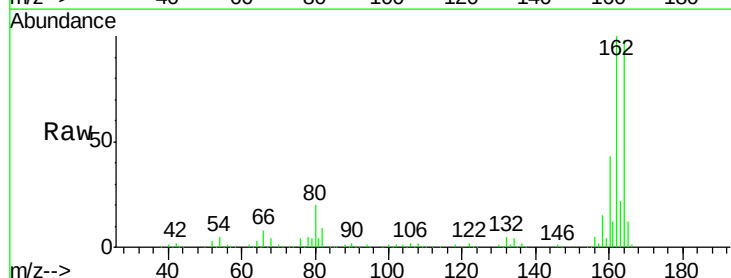


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

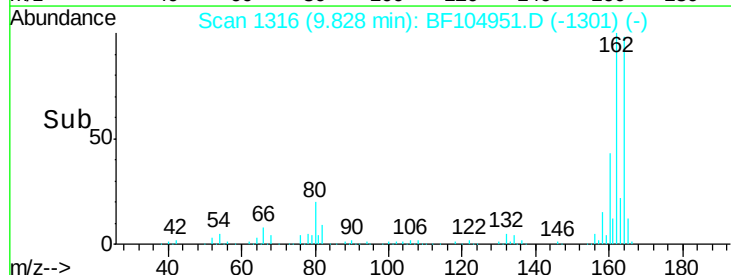
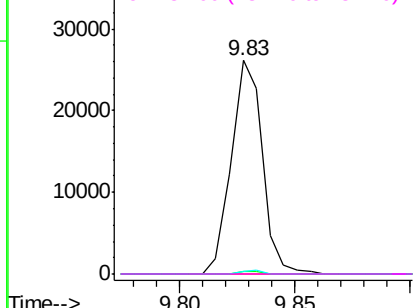


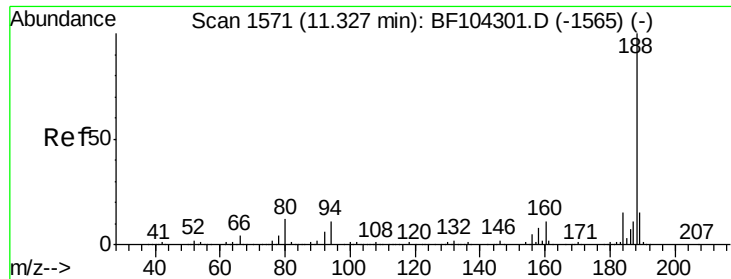
#56
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF104951.D
Acq: 30 Apr 2018 23:27

Tgt Ion:165 Resp: 24599
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.2 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

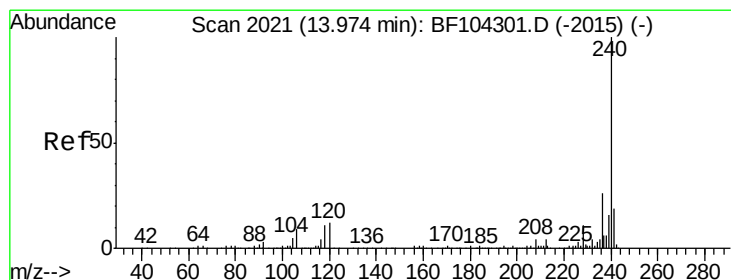
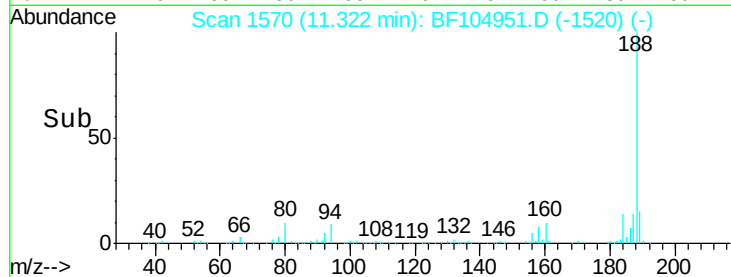
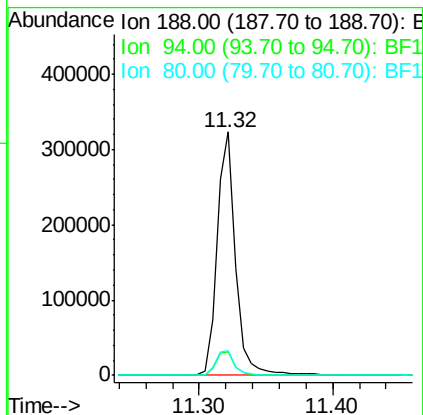
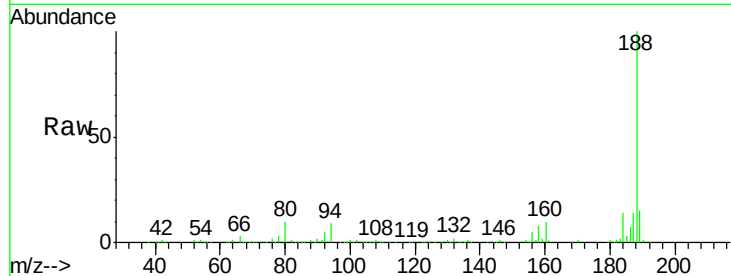




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104951.D
Acq: 30 Apr 2018 23:27

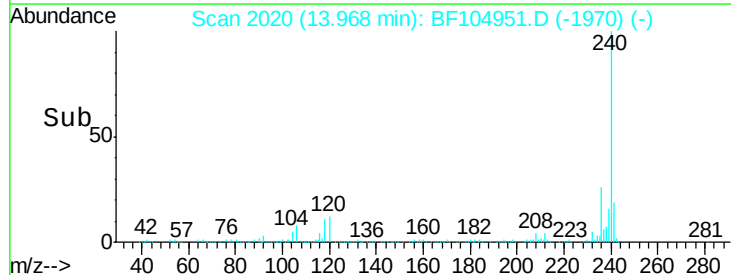
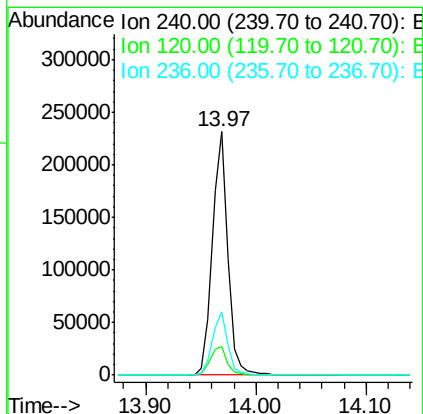
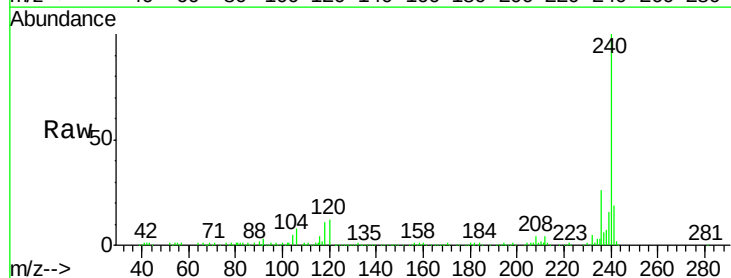
Instrument :
BNA_F
ClientSampleId :

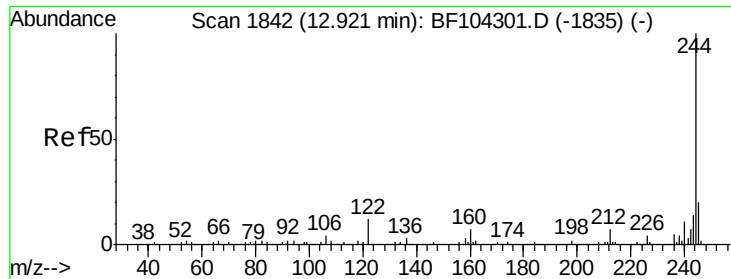
Tot Ion:188 Resp: 313109
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104951.D
Acq: 30 Apr 2018 23:27

Tgt Ion:240 Resp: 220310
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 25.9 20.7 31.1

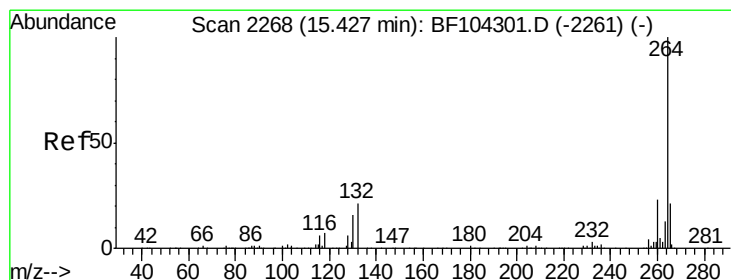
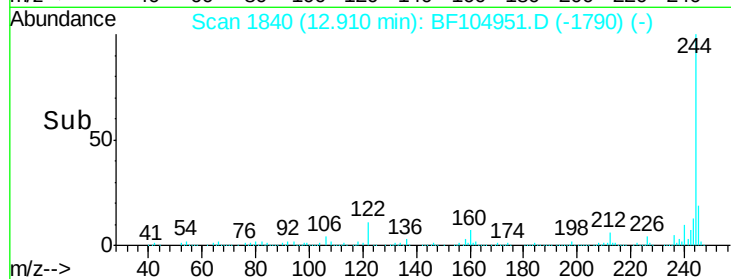
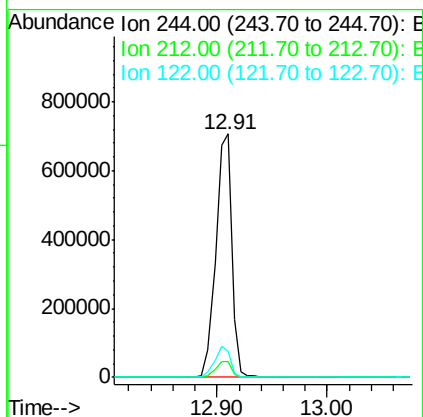
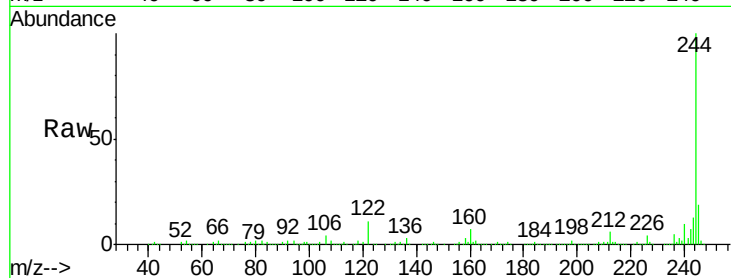




#78
 Terphenyl-d14
 Concen: 73.25 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF104951.D
 Acq: 30 Apr 2018 23:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 707863
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 10.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF104951.D
 Acq: 30 Apr 2018 23:27

Tgt Ion:264 Resp: 180729
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.2 17.5 26.3

