

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106501.D
 Acq On : 15 Jun 2018 19:26
 Operator : JU/SJ
 Sample : J3497-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-WC-L-01

Quant Time: Jun 15 22:58:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

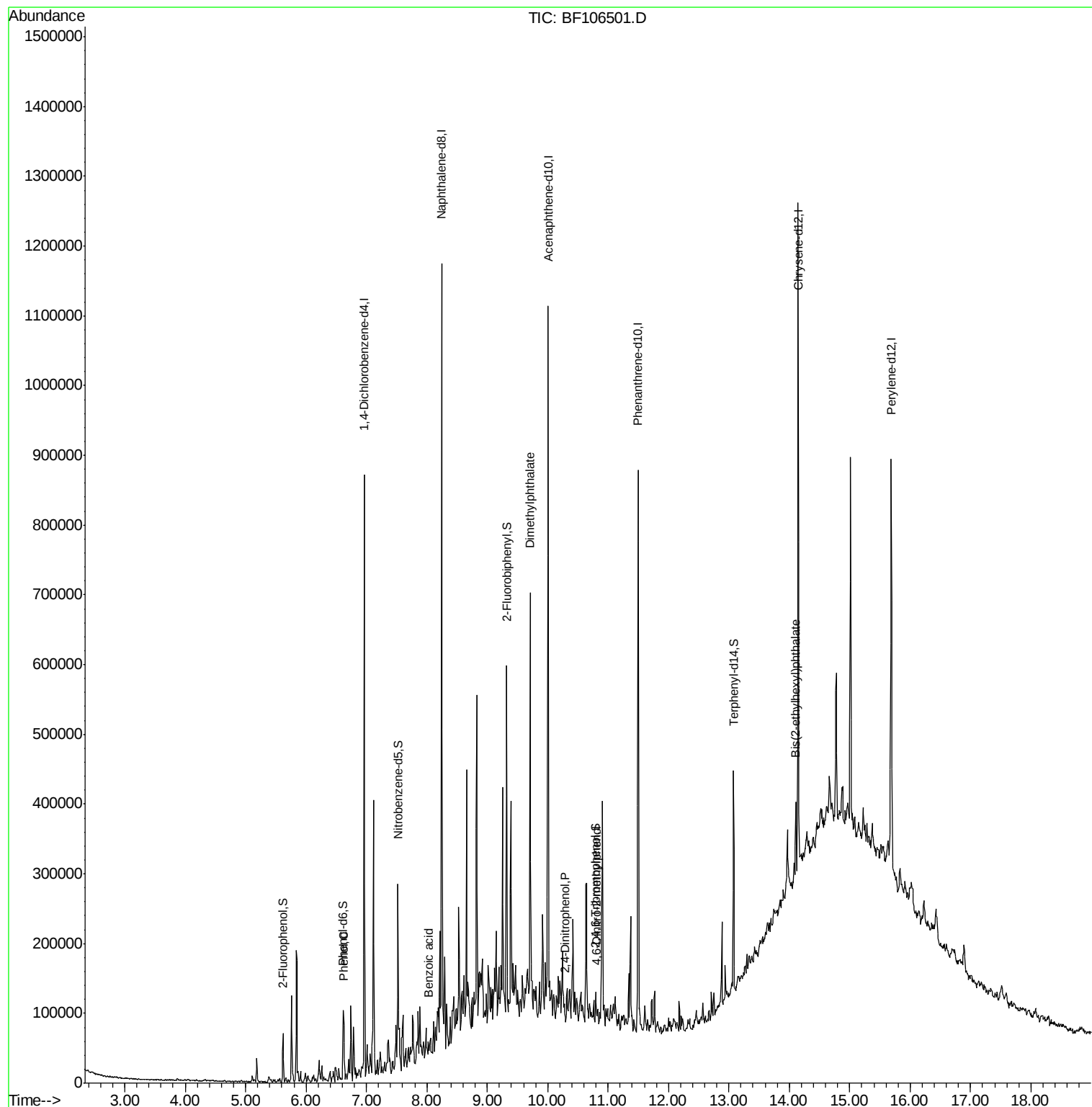
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	116103	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	435707	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	181345	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	283105	20.00	ng	0.00
75) Chrysene-d12	14.15	240	325956	20.00	ng	0.00
86) Perylene-d12	15.69	264	287315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	17384	2.53	ng	0.00
7) Phenol-d6	6.61	99	22463	2.59	ng	0.00
23) Nitrobenzene-d5	7.52	82	75297	10.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	3603	2.06	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	143001	4.61	ng	0.00
78) Terphenyl-d14	13.08	244	91300	6.96	ng	0.00
Target Compounds						
10) Phenol	6.62	94	19622	2.074	ng	98
32) Benzoic acid	8.03	122	110	7.309	ng	# 23
49) Dimethylphthalate	9.71	163	112574	8.689	ng	# 99
53) 2,4-Dinitrophenol	10.30	184	113	8.697	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.81	198	676	6.679	ng	# 6
83) Bis(2-ethylhexyl)phthalate	14.11	149	29137	2.660	ng	99

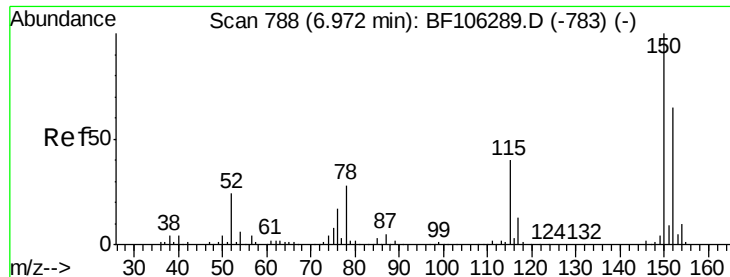
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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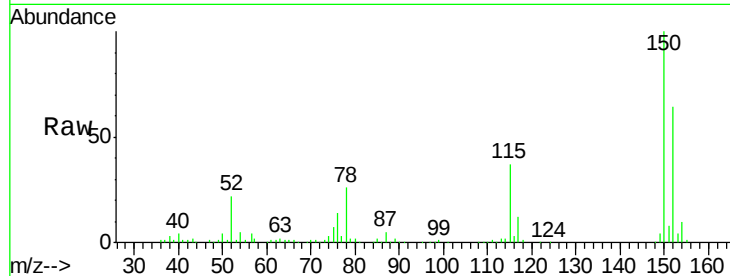


#1

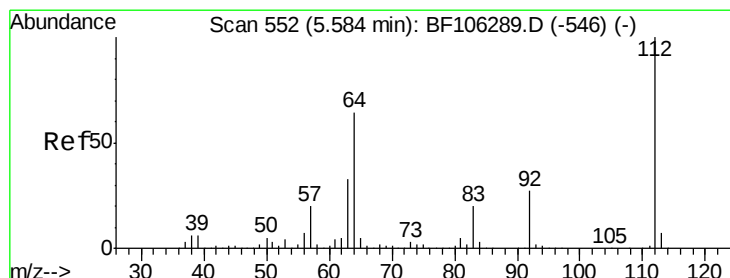
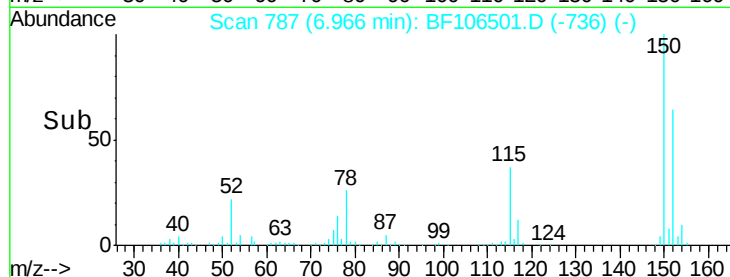
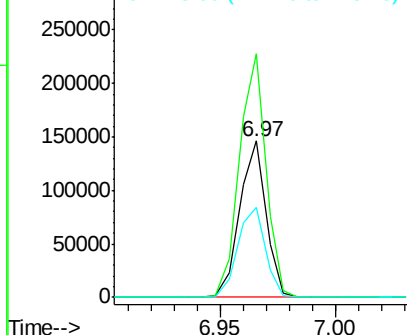
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106501.D
Acq: 15 Jun 2018 19:26

Instrument :
BNA_F
ClientSampleId :
CAS1-WC-L-01

Tgt Ion:152 Resp: 116103
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 57.7 50.1 75.1



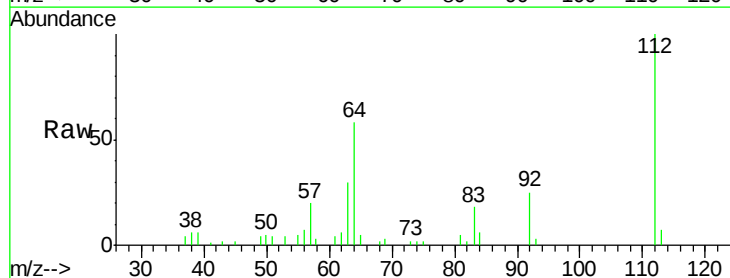
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



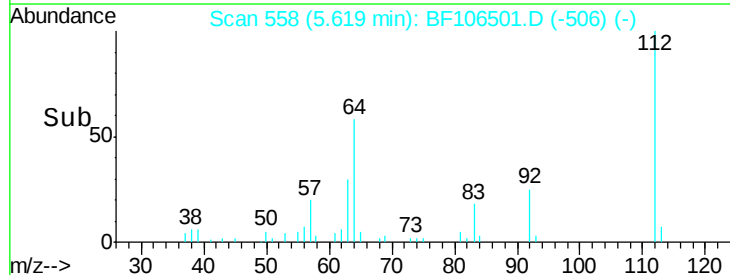
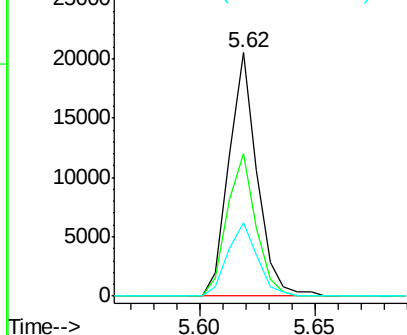
#5

2-Fluorophenol
Concen: 2.534 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF106501.D
Acq: 15 Jun 2018 19:26

Tgt Ion:112 Resp: 17384
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 30.0 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: 2.592 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106501.D

Acq: 15 Jun 2018 19:26

Instrument :

BNA_F

ClientSampleId :

CAS1-WC-L-01

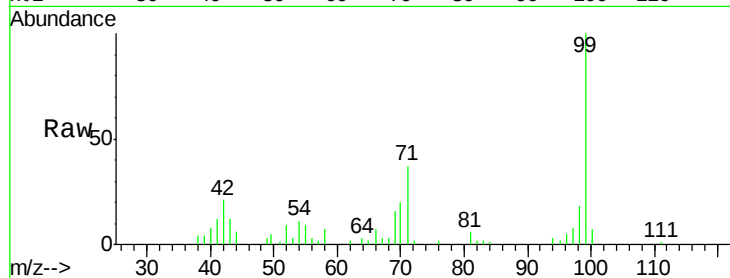
Tgt Ion: 99 Resp: 22463

Ion Ratio Lower Upper

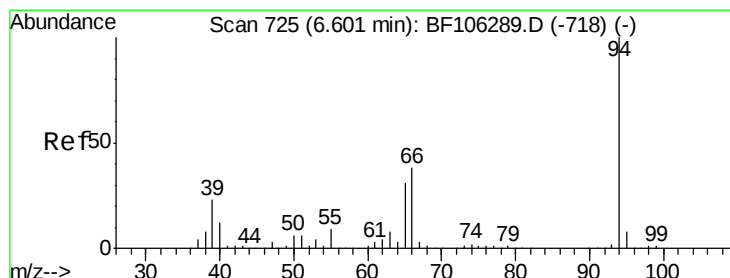
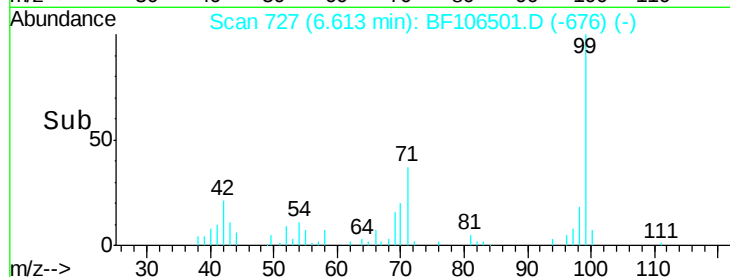
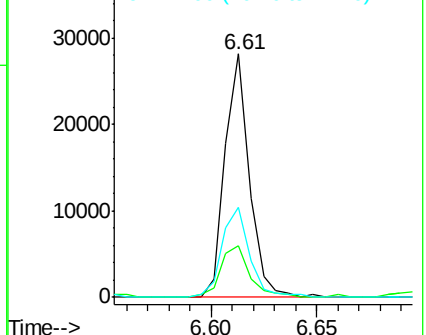
99 100

42 21.2 14.5 21.7

71 36.8 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



#10

Phenol

Concen: 2.074 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF106501.D

Acq: 15 Jun 2018 19:26

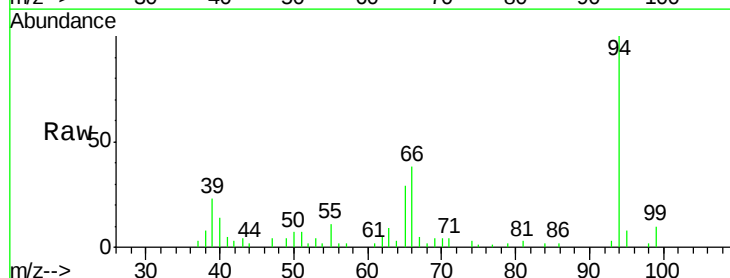
Tgt Ion: 94 Resp: 19622

Ion Ratio Lower Upper

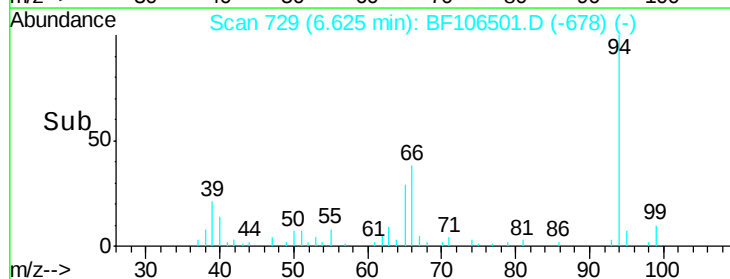
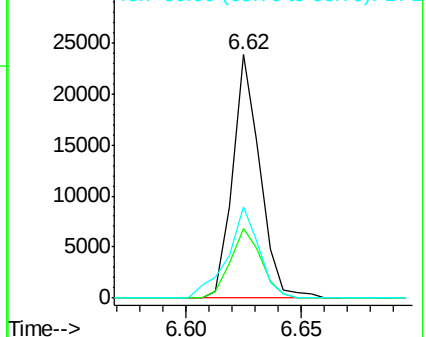
94 100

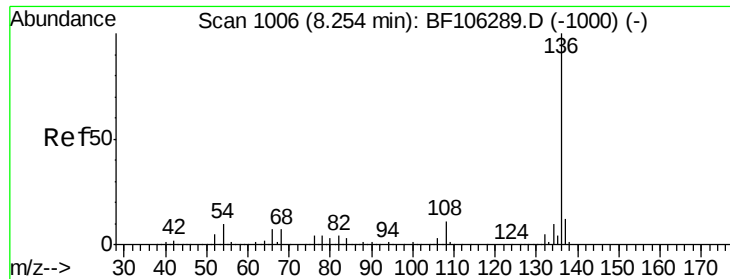
65 28.7 7.9 47.9

66 37.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

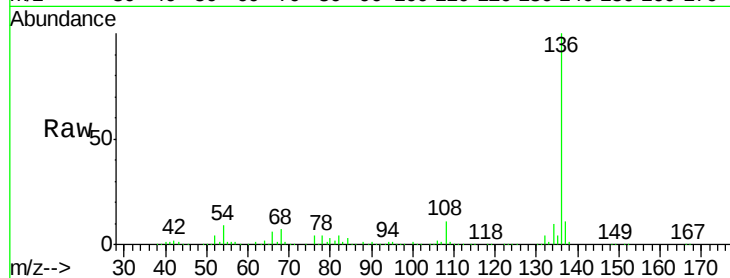




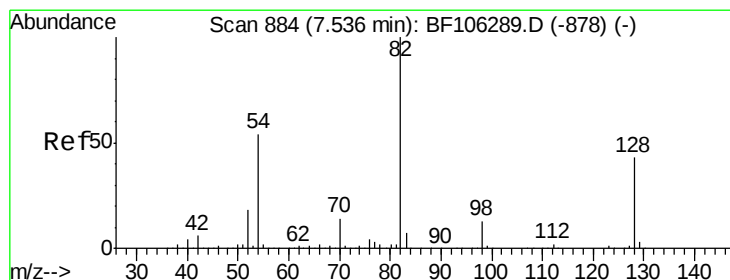
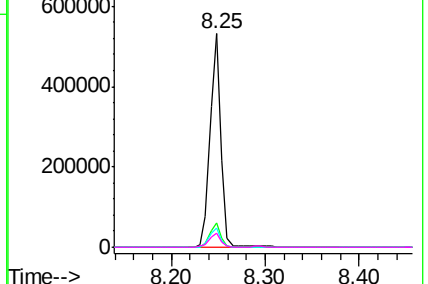
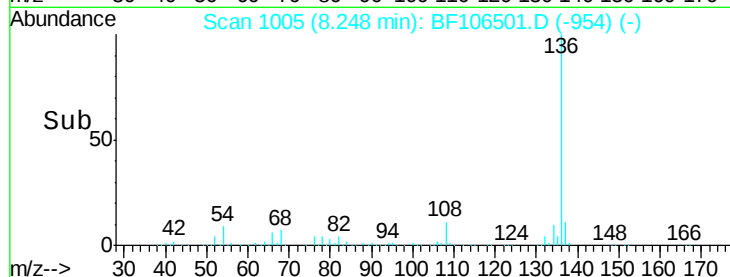
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106501.D
Acq: 15 Jun 2018 19:26

Instrument :
BNA_F
ClientSampleId :
CAS1-WC-L-01

Tgt Ion:	136	Resp:	435707
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.7	6.6	9.8
68	6.7	5.0	7.4

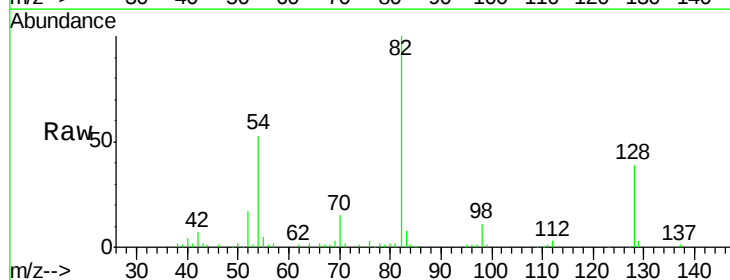


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

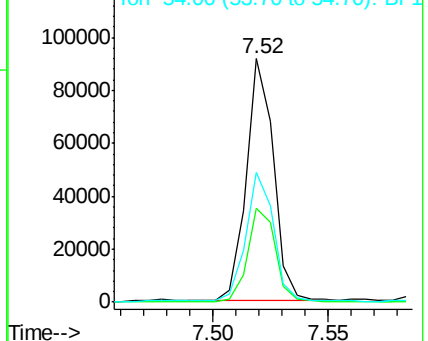
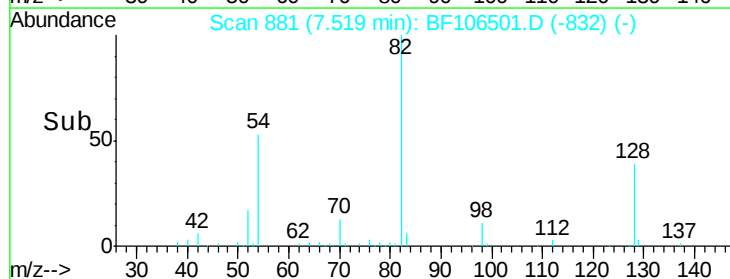


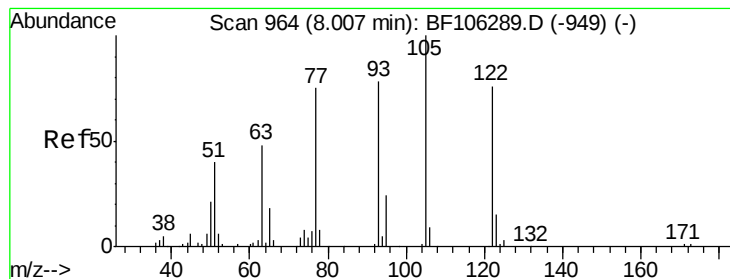
#23
Nitrobenzene-d5
Concen: 10.166 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106501.D
Acq: 15 Jun 2018 19:26

Tgt Ion:	82	Resp:	75297
Ion	Ratio	Lower	Upper
82	100		
128	38.7	36.1	54.1
54	53.1	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





#32

Benzoic acid

Concen: 7.309 ng

RT: 8.03 min Scan# 968

Delta R.T. 0.02 min

Lab File: BF106501.D

Acq: 15 Jun 2018 19:26

Instrument :

BNA_F

ClientSampleId :

CAS1-WC-L-01

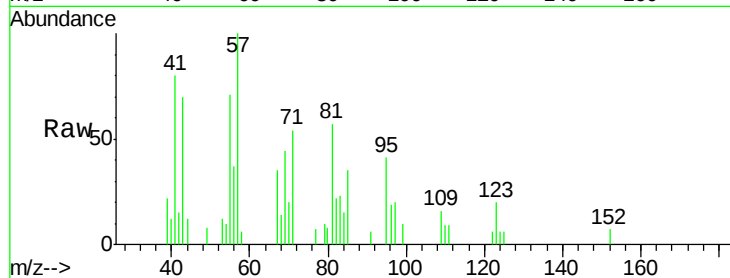
Tgt Ion:122 Resp: 110

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

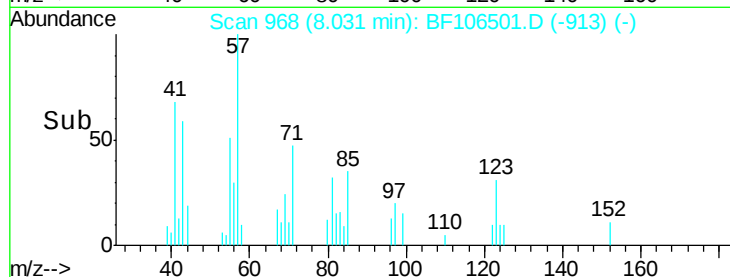
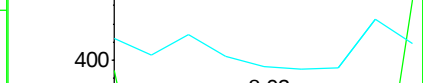
77 123.4 70.7 110.7#



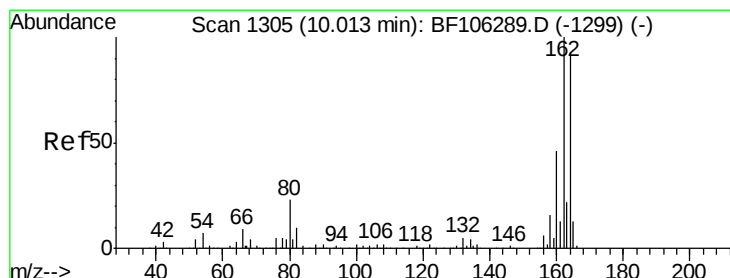
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF106501.D

Acq: 15 Jun 2018 19:26

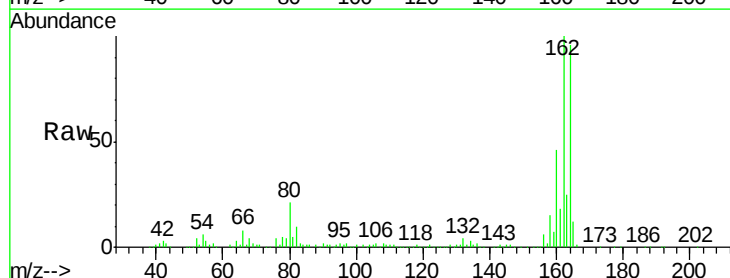
Tgt Ion:164 Resp: 181345

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

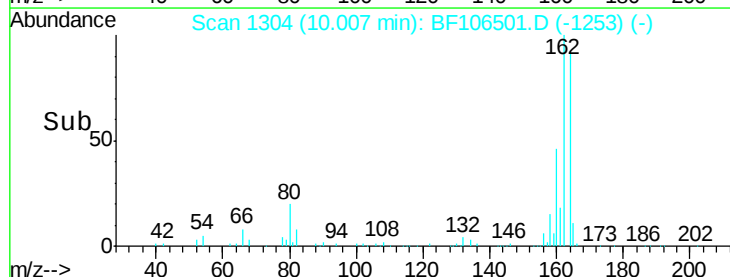
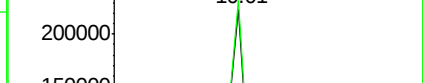
160 47.2 38.3 57.5



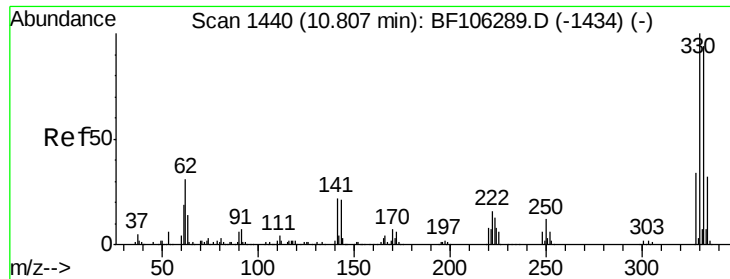
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



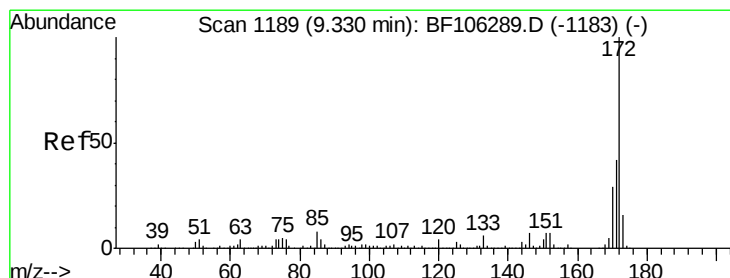
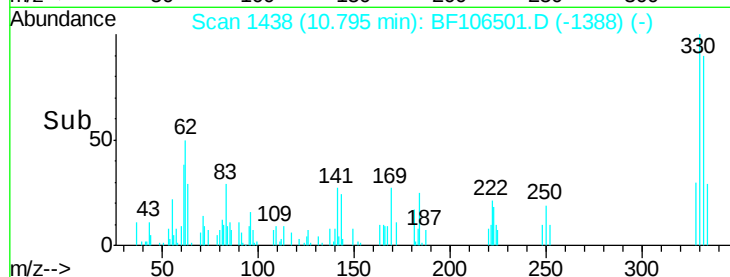
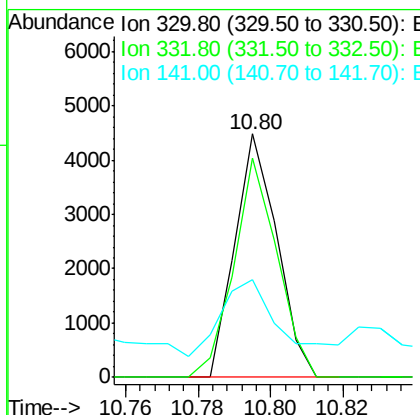
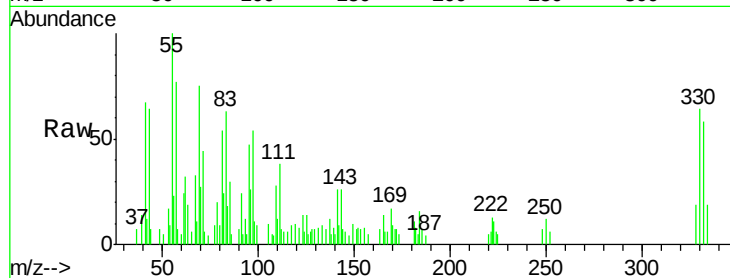
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 2.065 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106501.D
 Acq: 15 Jun 2018 19:26

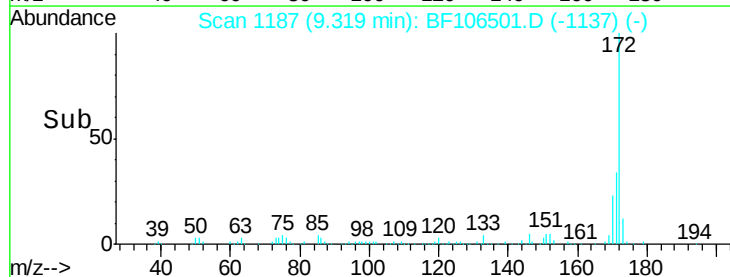
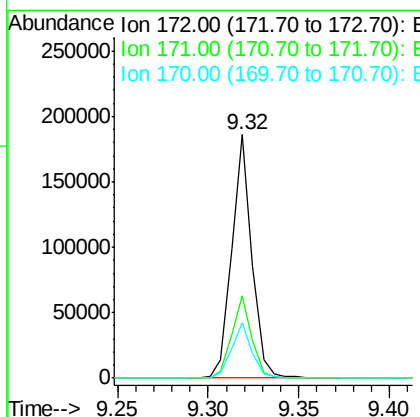
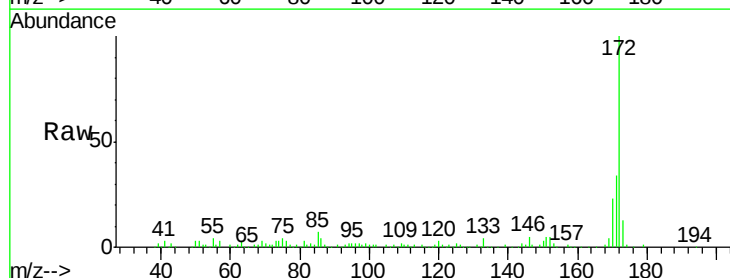
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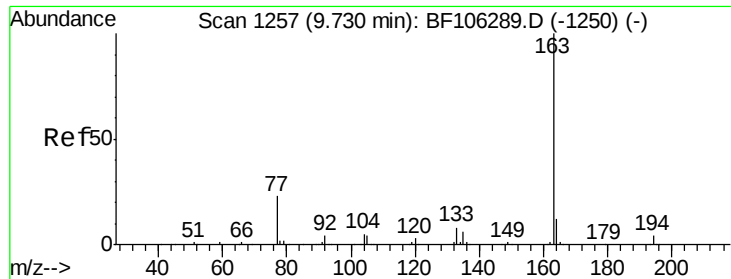
Tgt Ion: 330 Resp: 3603
 Ion Ratio Lower Upper
 330 100
 332 93.1 77.0 115.6
 141 42.7 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 4.613 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106501.D
 Acq: 15 Jun 2018 19:26

Tgt Ion: 172 Resp: 143001
 Ion Ratio Lower Upper
 172 100
 171 33.8 29.7 44.5
 170 22.7 19.6 29.4

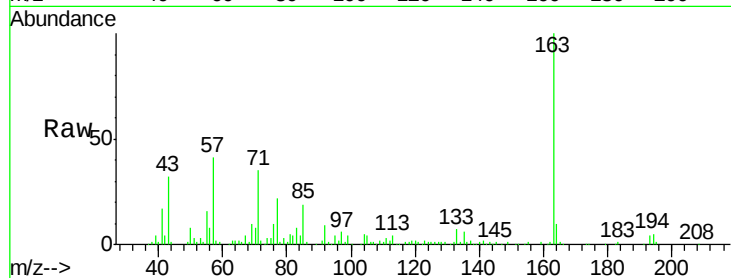




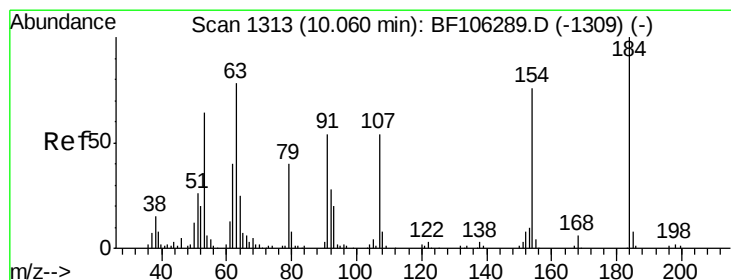
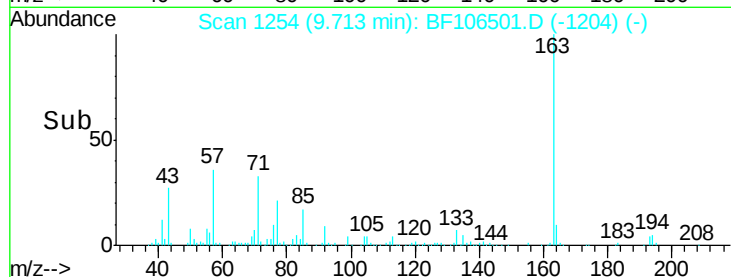
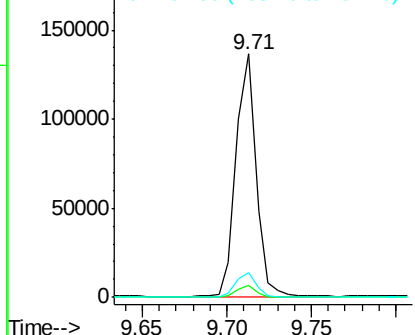
#49
Dimethylphthalate
Concen: 8.689 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106501.D
Acq: 15 Jun 2018 19:26

Instrument :
BNA_F
ClientSampleId :
CAS1-WC-L-01

Tgt Ion:163 Resp: 112574
Ion Ratio Lower Upper
163 100
194 4.8 2.7 4.1#
164 10.0 8.2 12.2

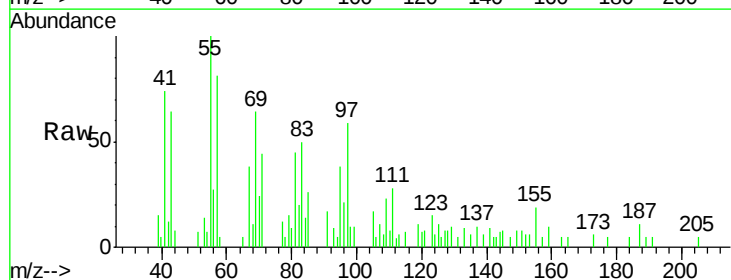


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

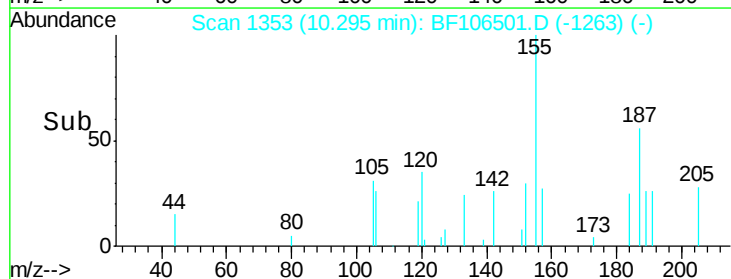
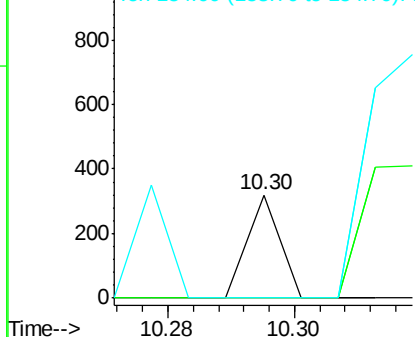


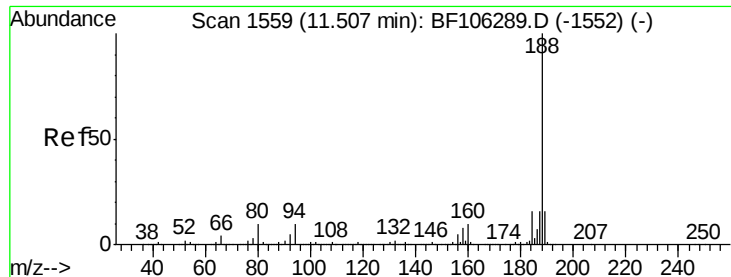
#53
2,4-Dinitrophenol
Concen: 8.697 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.23 min
Lab File: BF106501.D
Acq: 15 Jun 2018 19:26

Tgt Ion:184 Resp: 113
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 0.0 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

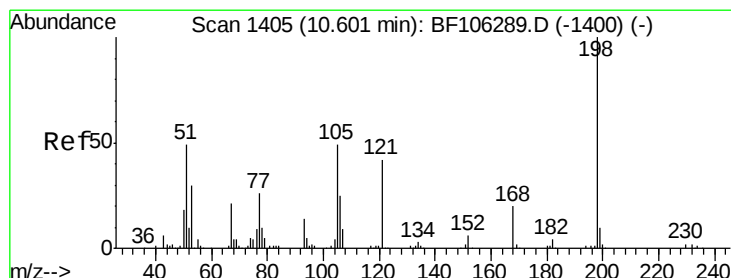
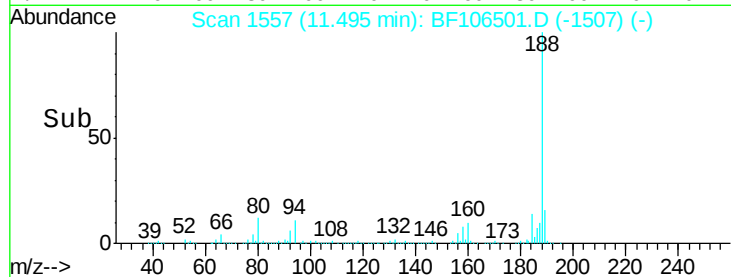
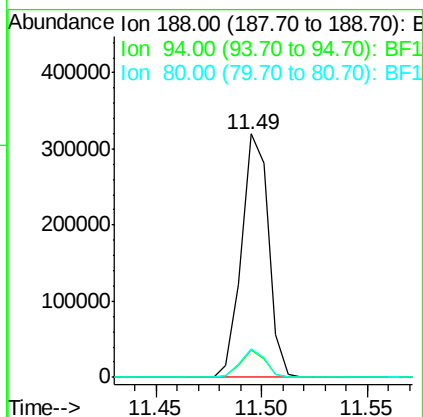
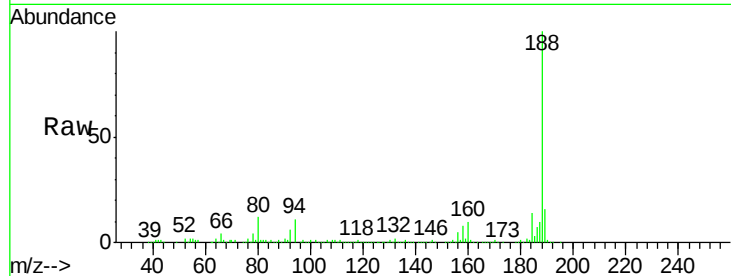




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106501.D
Acq: 15 Jun 2018 19:26

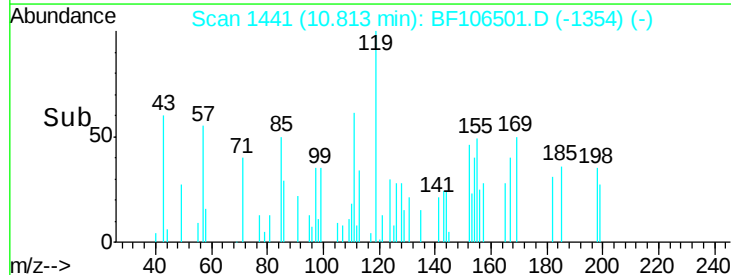
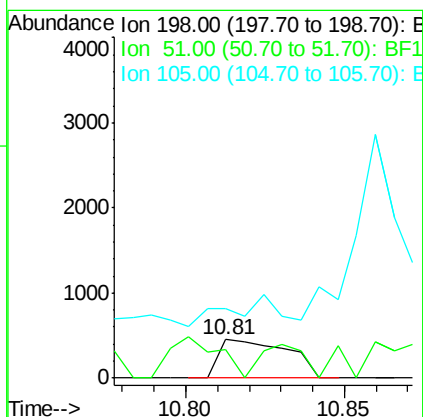
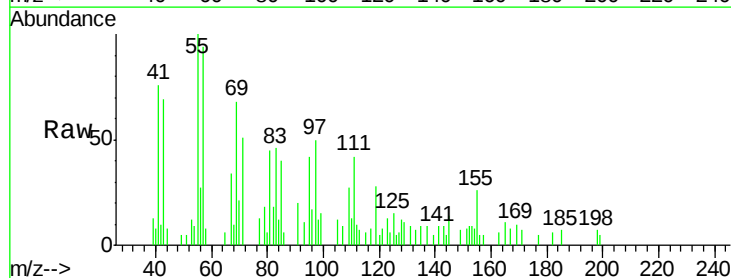
Instrument :
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CAS1-WC-L-01

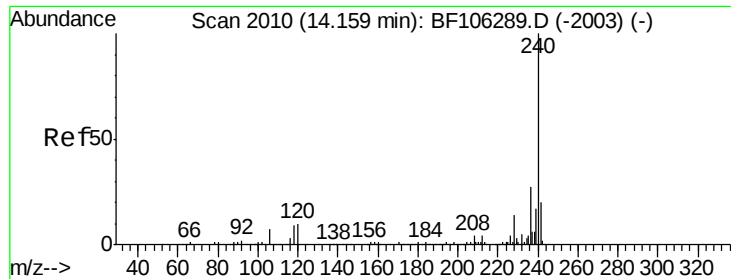
Tgt Ion:188 Resp: 283105
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.679 ng
RT: 10.81 min Scan# 1441
Delta R.T. 0.21 min
Lab File: BF106501.D
Acq: 15 Jun 2018 19:26

Tgt Ion:198 Resp: 676
Ion Ratio Lower Upper
198 100
51 73.3 37.7 77.7
105 180.4 36.3 76.3#

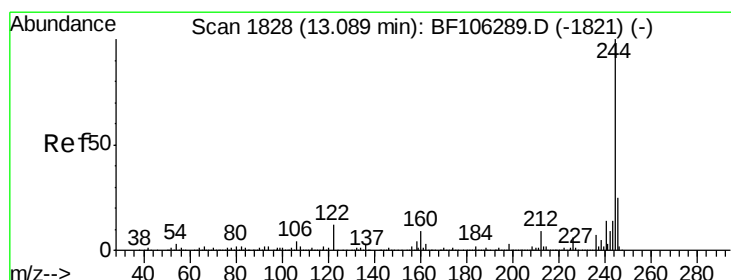
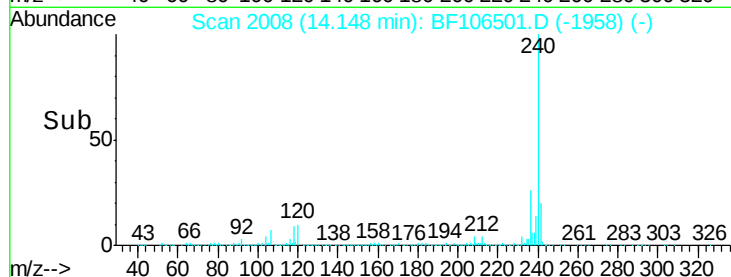
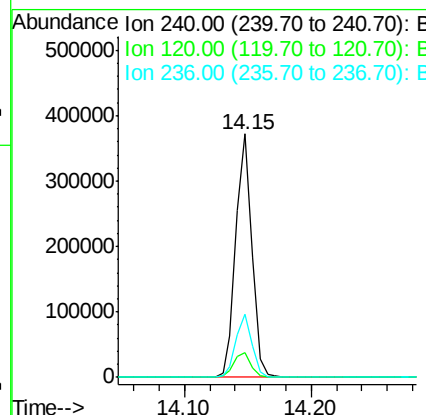
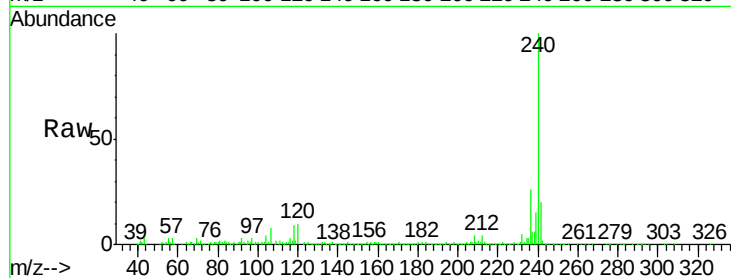




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106501.D
Acq: 15 Jun 2018 19:26

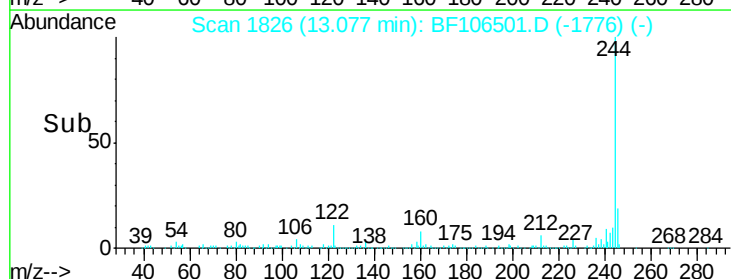
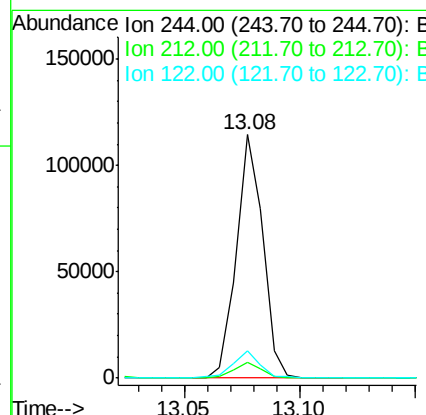
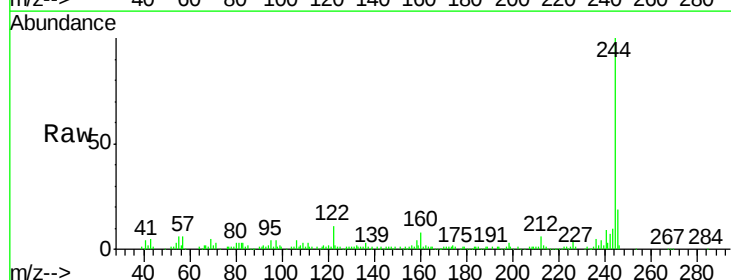
Instrument :
BNA_F
ClientSampleId :
CAS1-WC-L-01

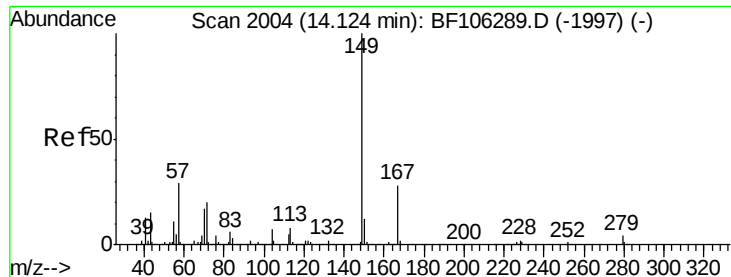
Tgt Ion:240 Resp: 325956
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 25.7 20.7 31.1



#78
Terphenyl-d14
Concen: 6.957 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106501.D
Acq: 15 Jun 2018 19:26

Tgt Ion:244 Resp: 91300
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 11.0 11.0 16.4

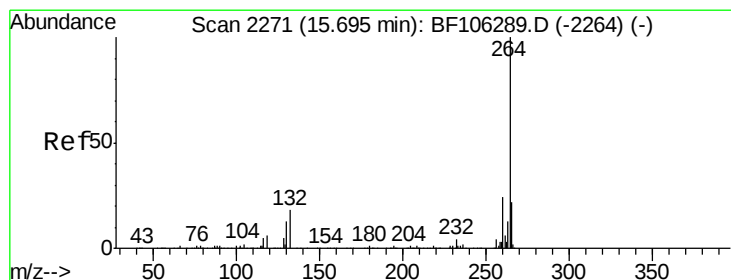
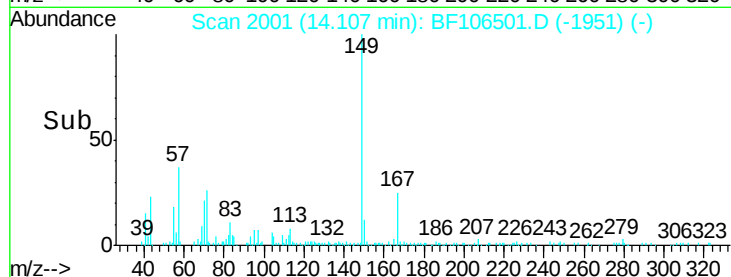
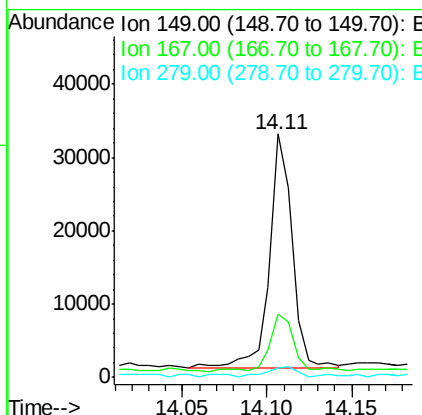
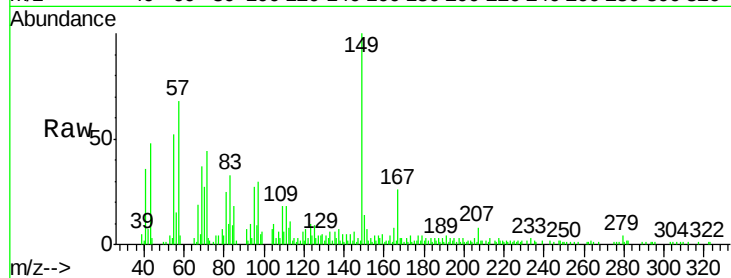




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.660 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF106501.D
 Acq: 15 Jun 2018 19:26

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-WC-L-01

Tgt Ion:149 Resp: 29137
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 3.8 3.0 4.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF106501.D
 Acq: 15 Jun 2018 19:26

Tgt Ion:264 Resp: 287315
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.2 17.5 26.3

