

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104935.D
 Acq On : 30 Apr 2018 16:21
 Operator : JU/SJ
 Sample : J2522-03DL2 1000X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 16:54:47 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

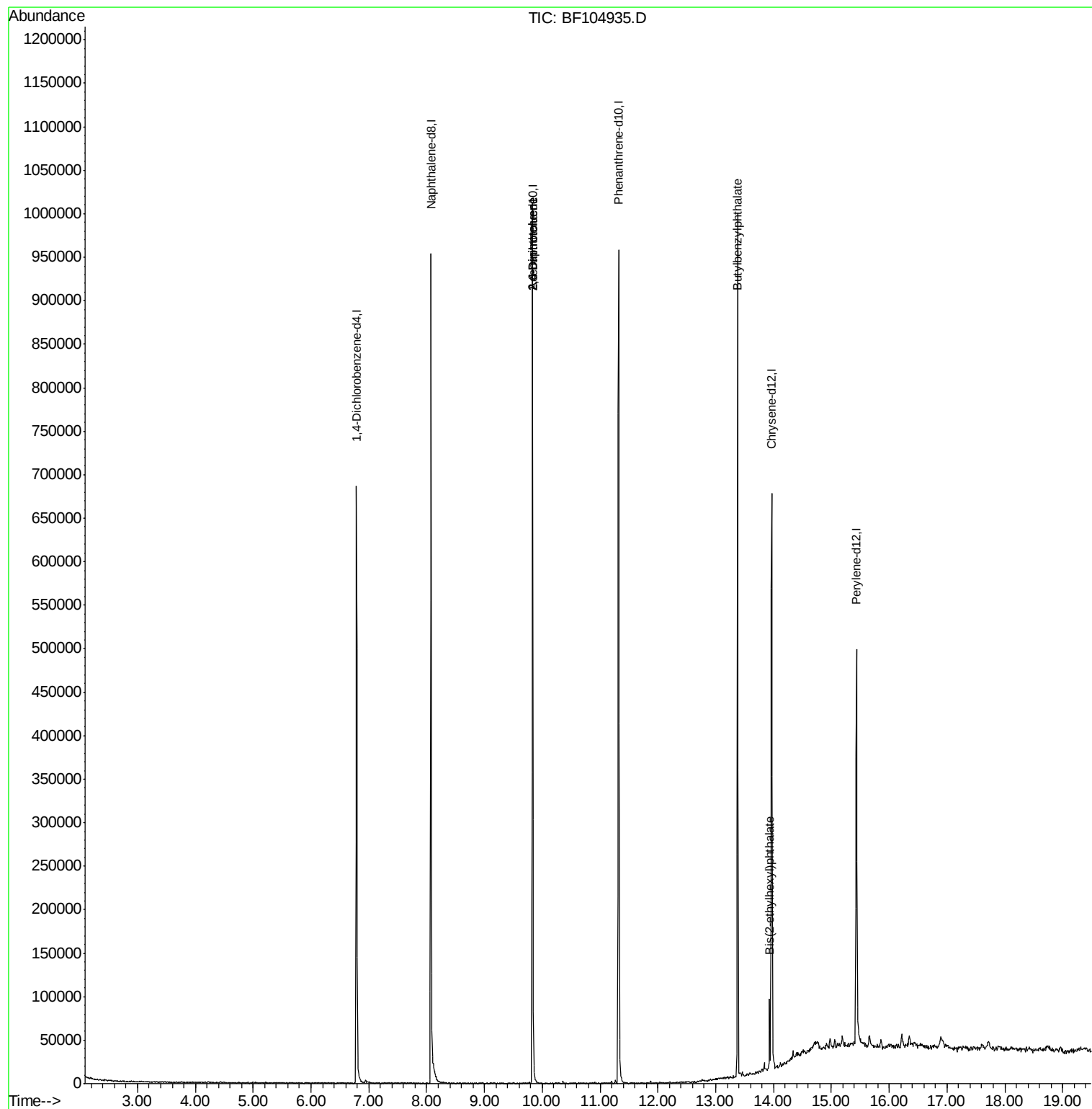
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	112628	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	474801	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	218131	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	379160	20.00	ng	0.00
75) Chrysene-d12	13.97	240	241273	20.00	ng	0.00
86) Perylene-d12	15.43	264	221989	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.16	172	1126	0.08	ng	0.00
78) Terphenyl-d14	12.91	244	1120	0.11	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.83	165	27155	8.532	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	27155	6.504	ng	# 23
79) Butylbenzylphthalate	13.38	149	237886	28.234	ng	94
83) Bis(2-ethylhexyl)phthalate	13.93	149	23538	2.172	ng	# 98

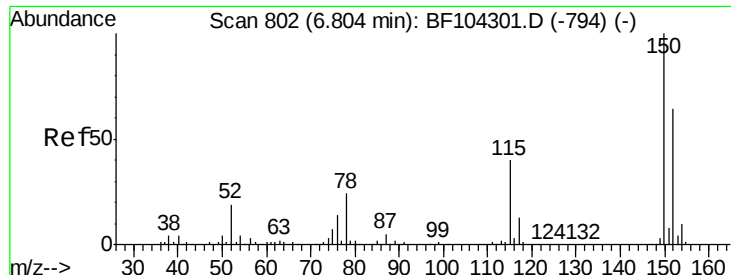
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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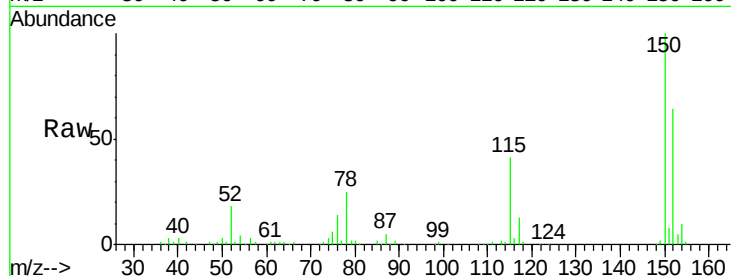


#1

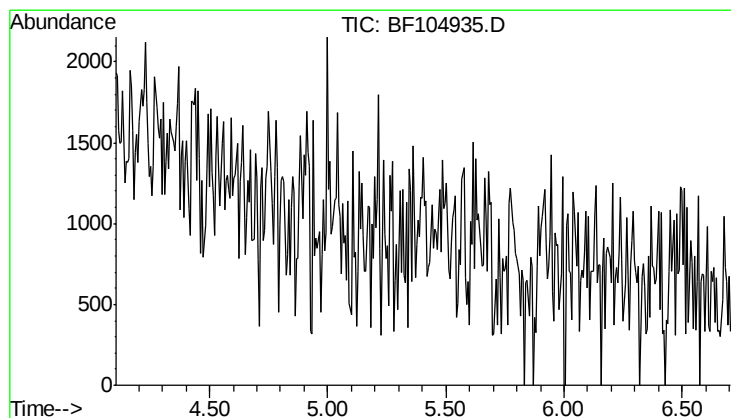
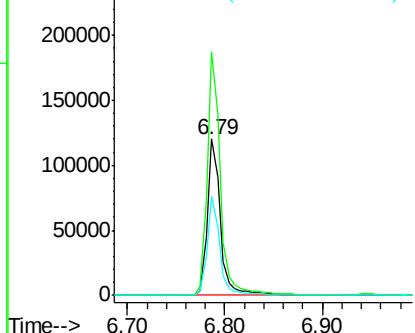
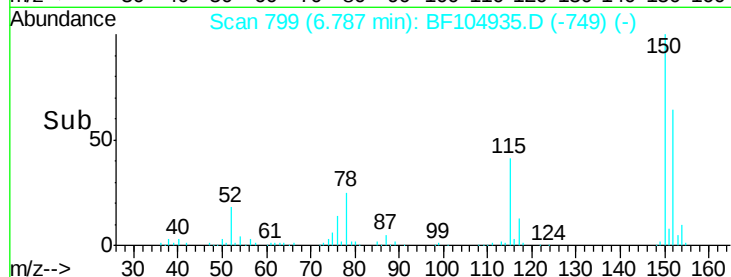
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF104935.D
 Acq: 30 Apr 2018 16:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 112628
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.6 186.8
 115 63.7 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

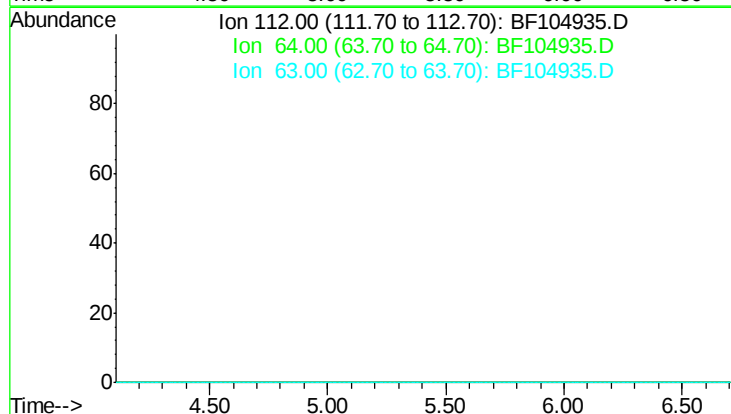


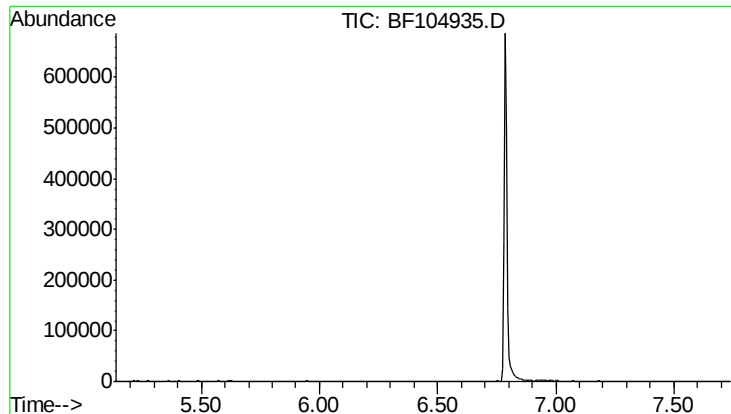
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.40 min

Lab File: BF104935.D
 Acq: 30 Apr 2018 16:21

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 59.9
 63 29.6

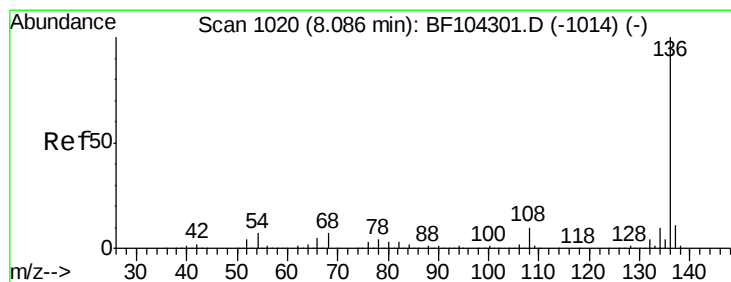
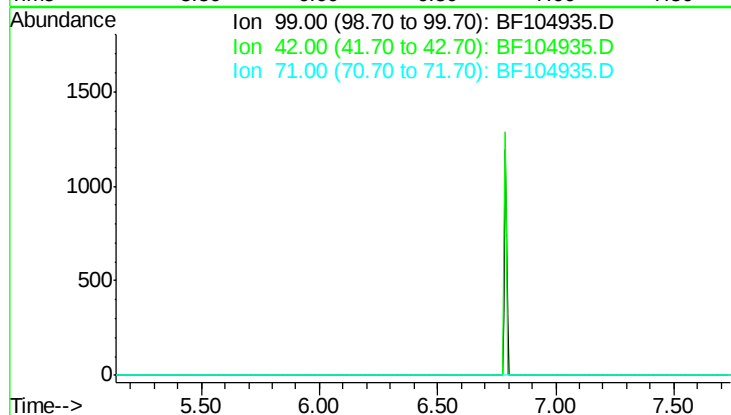




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.44 min
 Lab File: BF104935.D
 Acq: 30 Apr 2018 16:21

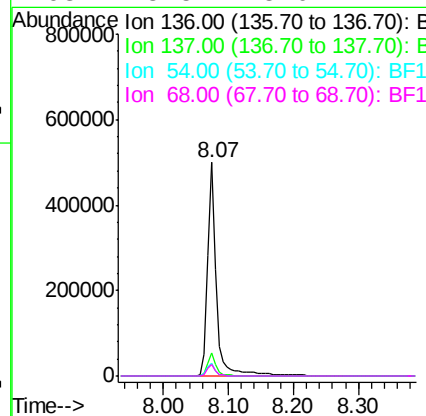
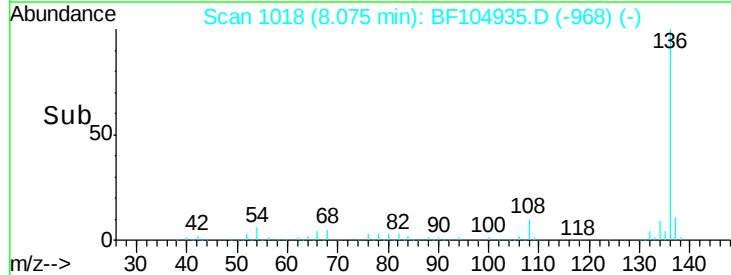
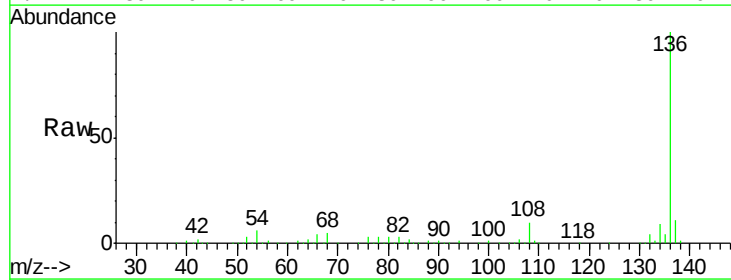
Instrument :
 BNA_F
 ClientSampleId :

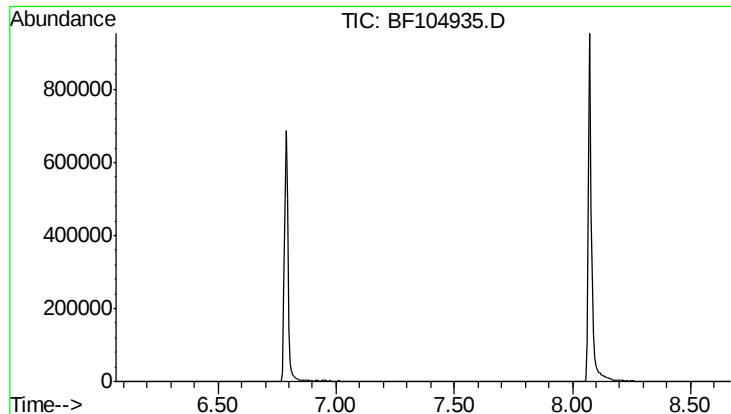
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 18.1
 71 31.7



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF104935.D
 Acq: 30 Apr 2018 16:21

Tgt Ion: 136 Resp: 474801
 Ion Ratio Lower Upper
 136 100
 137 10.7 8.9 13.3
 54 6.2 6.6 9.8#
 68 5.5 5.0 7.4

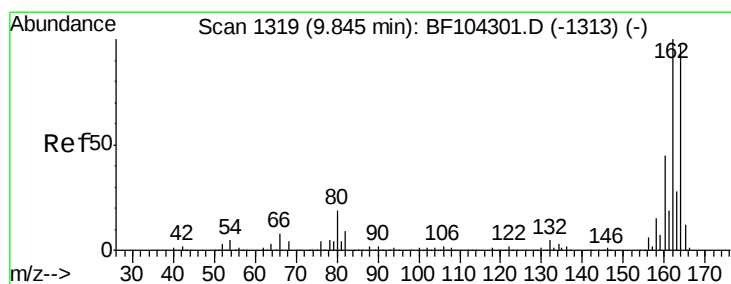
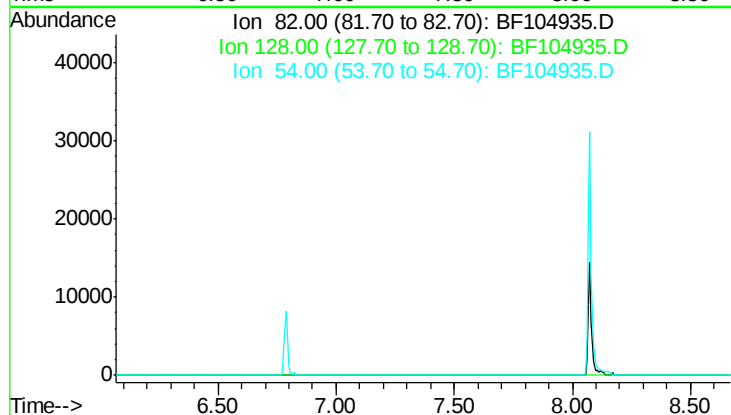




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.37 min
 Lab File: BF104935.D
 Acq: 30 Apr 2018 16:21

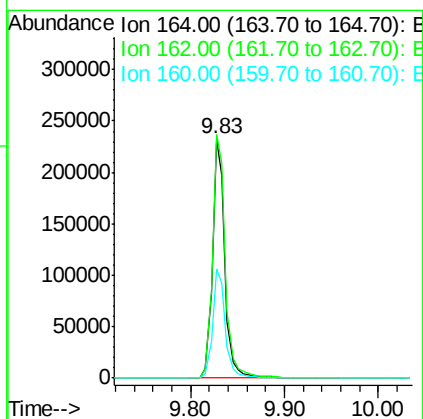
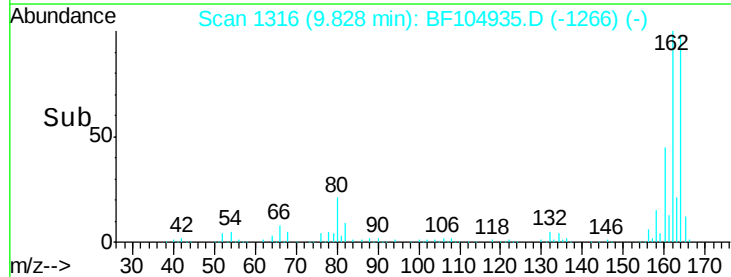
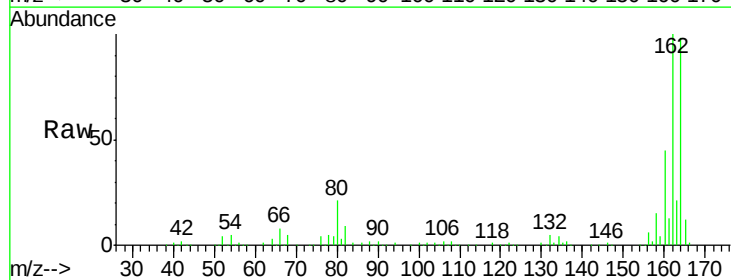
Instrument :
 BNA_F
 ClientSampleId :

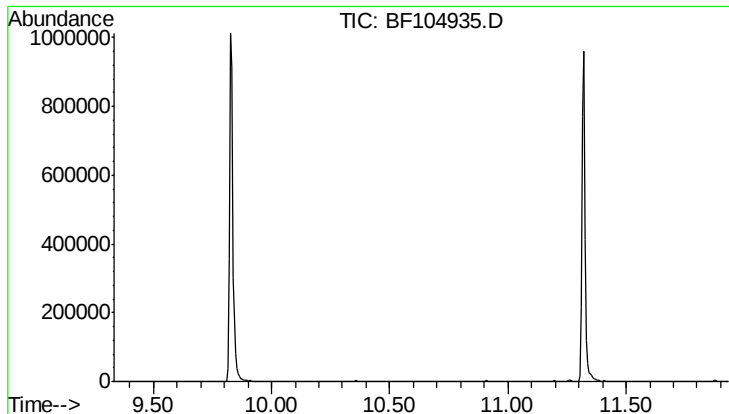
Tot Ion	82
Sig	Exp Ratio
82	100
128	45.1
54	51.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104935.D
 Acq: 30 Apr 2018 16:21

Tgt Ion	164	Resp	218131
Ion Ratio	Lower	Upper	
164	100		
162	102.1	86.1	129.1
160	45.6	38.3	57.5

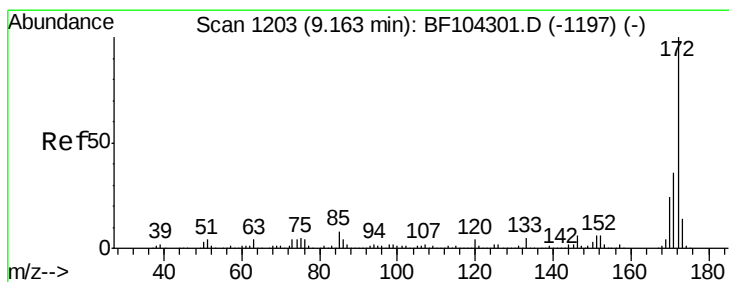
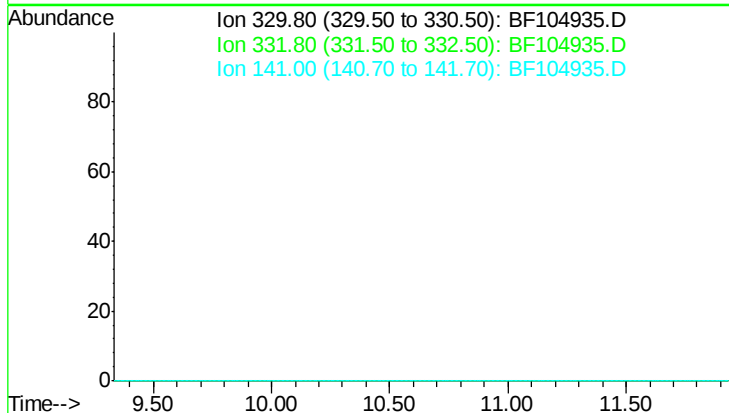




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.63 min
 Lab File: BF104935.D
 Acq: 30 Apr 2018 16:21

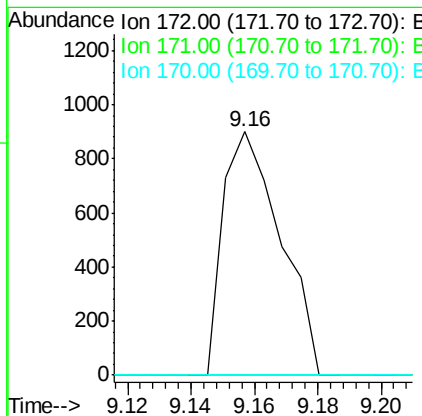
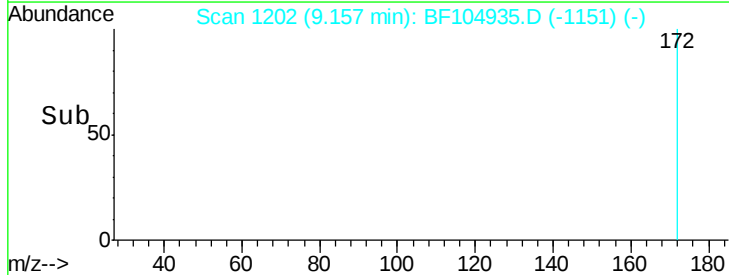
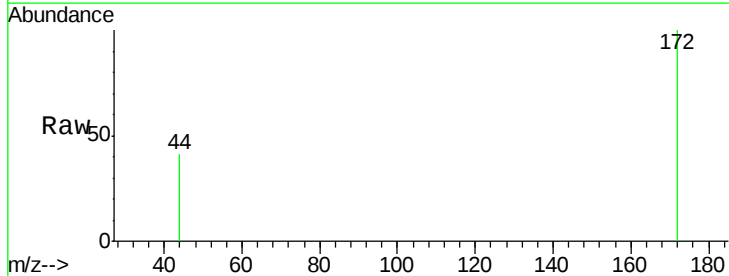
Instrument :
 BNA_F
 ClientSampleId :

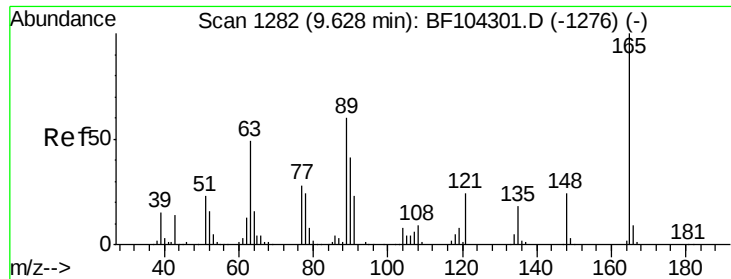
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 0.082 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF104935.D
 Acq: 30 Apr 2018 16:21

Tgt Ion: 172 Resp: 1126
 Ion Ratio Lower Upper
 172 100
 171 0.0 29.7 44.5#
 170 0.0 19.6 29.4#

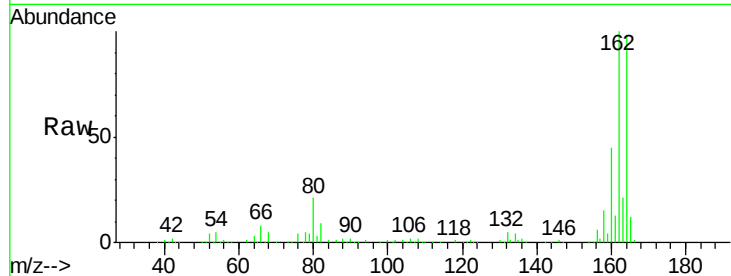




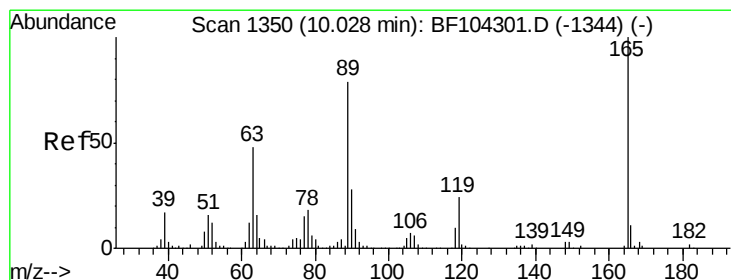
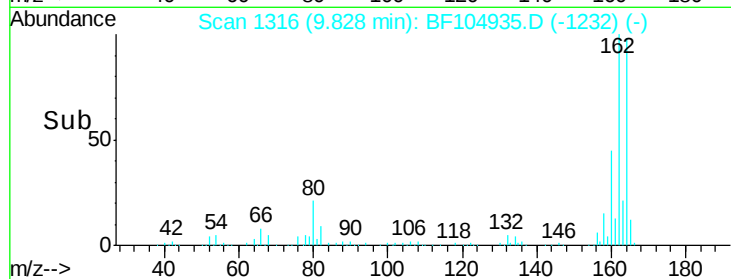
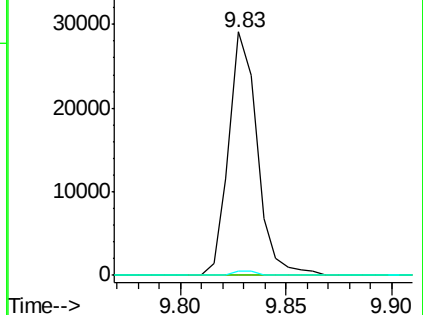
#50
 2,6-Dinitrotoluene
 Concen: 8.532 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF104935.D
 Acq: 30 Apr 2018 16:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.8	44.0	66.0#

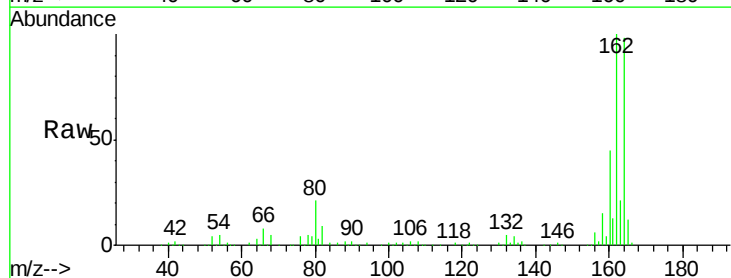


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

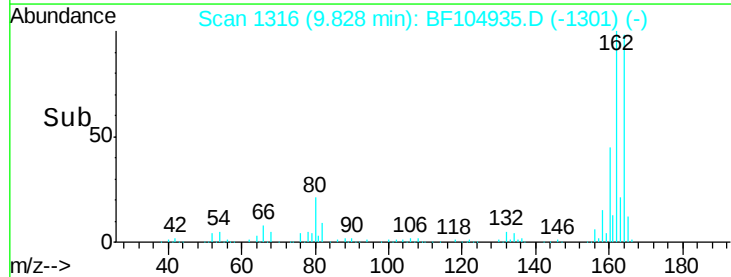
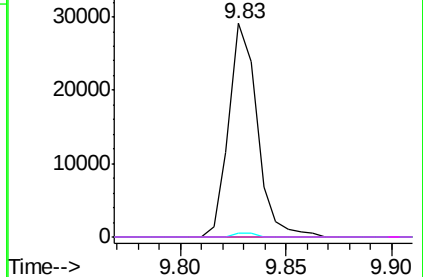


#56
 2,4-Dinitrotoluene
 Concen: 6.504 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF104935.D
 Acq: 30 Apr 2018 16:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.8	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

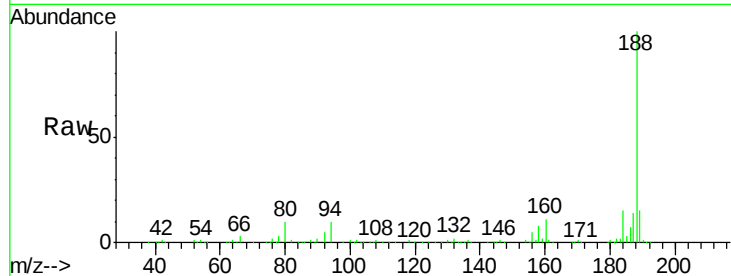




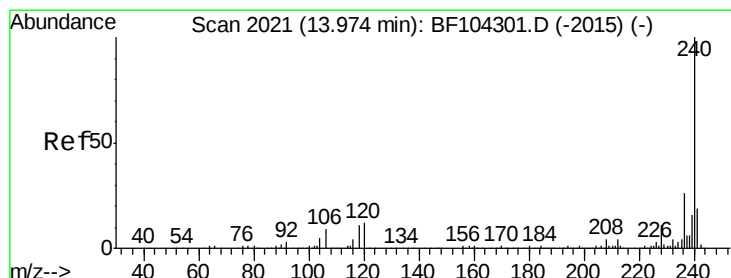
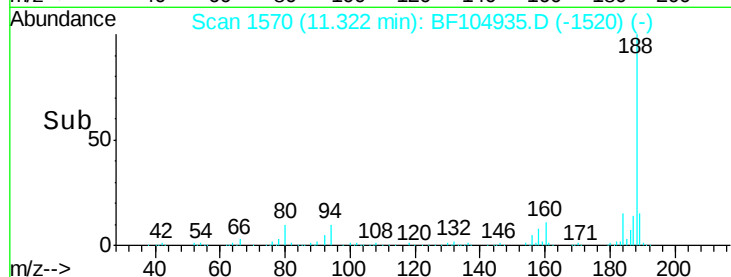
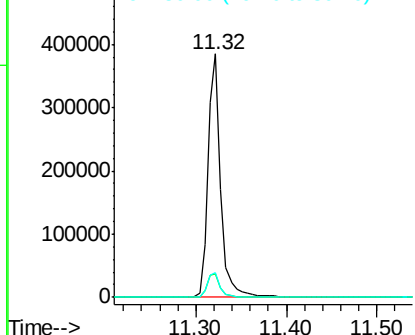
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104935.D
Acq: 30 Apr 2018 16:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 379160
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.4 9.2 13.8

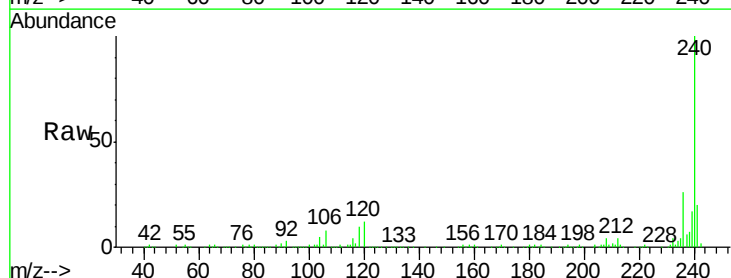


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

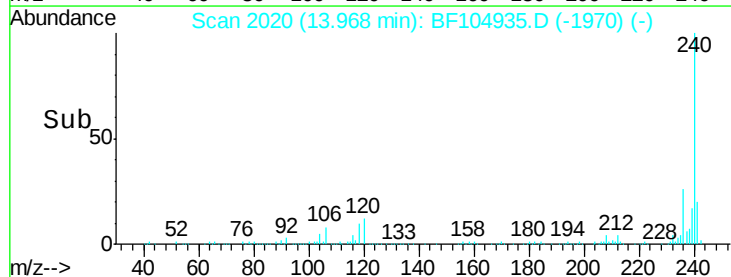
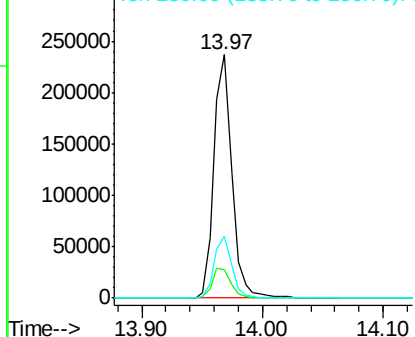


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104935.D
Acq: 30 Apr 2018 16:21

Tgt Ion:240 Resp: 241273
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 25.6 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

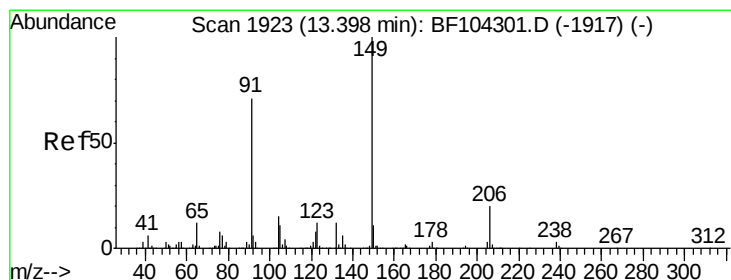
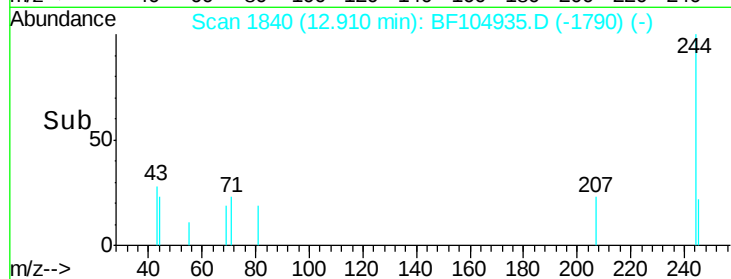
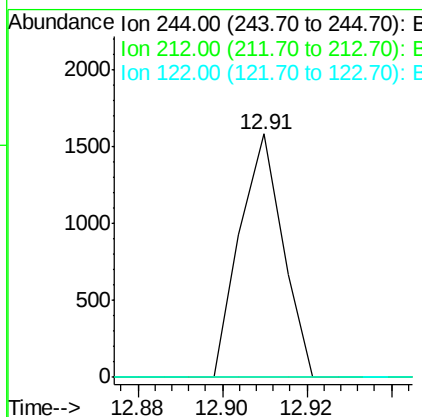
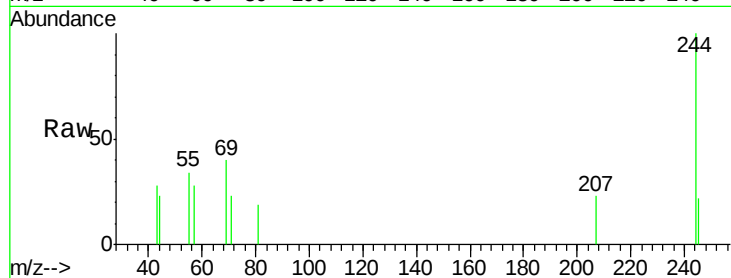




#78
 Terphenyl-d14
 Concen: 0.106 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF104935.D
 Acq: 30 Apr 2018 16:21

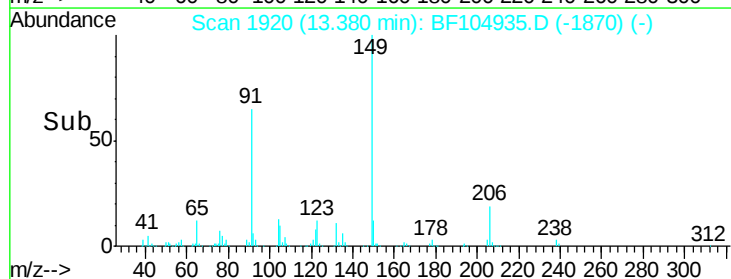
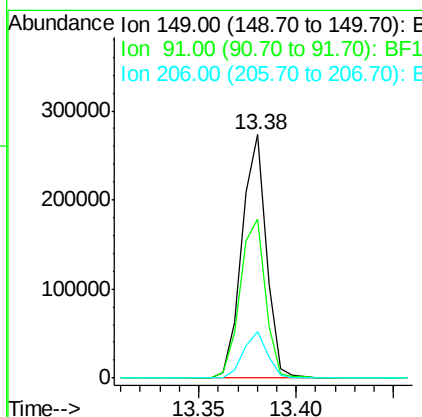
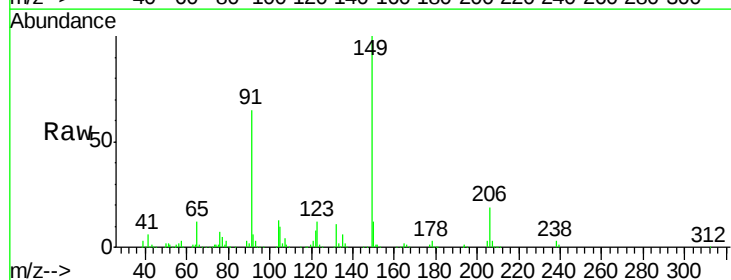
Instrument :
 BNA_F
 ClientSampleId :

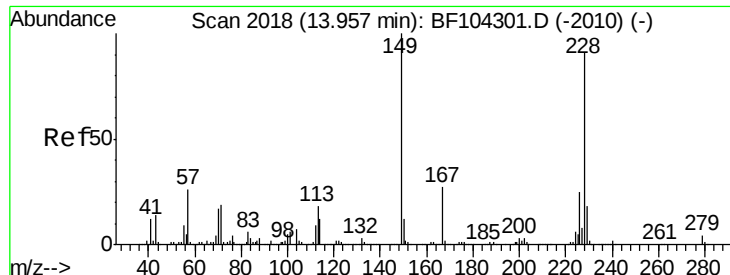
Tot Ion:244 Resp: 1120
 Ion Ratio Lower Upper
 244 100
 212 0.0 5.4 8.0#
 122 0.0 11.0 16.4#



#79
 Butylbenzylphthalate
 Concen: 28.234 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF104935.D
 Acq: 30 Apr 2018 16:21

Tgt Ion:149 Resp: 237886
 Ion Ratio Lower Upper
 149 100
 91 65.4 56.8 85.2
 206 19.0 14.1 21.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.172 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF104935.D

Acq: 30 Apr 2018 16:21

Instrument :

BNA_F

ClientSampleId :

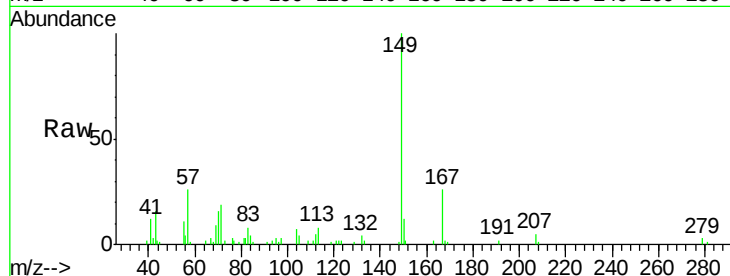
Tot Ion:149 Resp: 23538

Ion Ratio Lower Upper

149 100

167 25.6 21.3 31.9

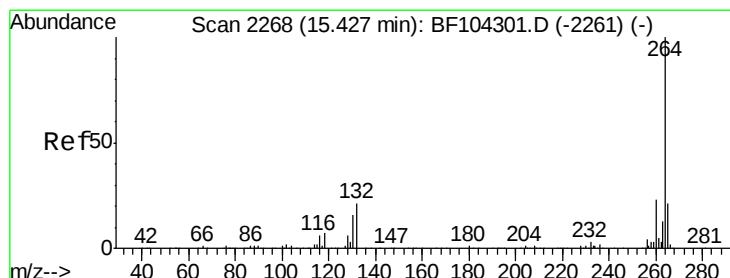
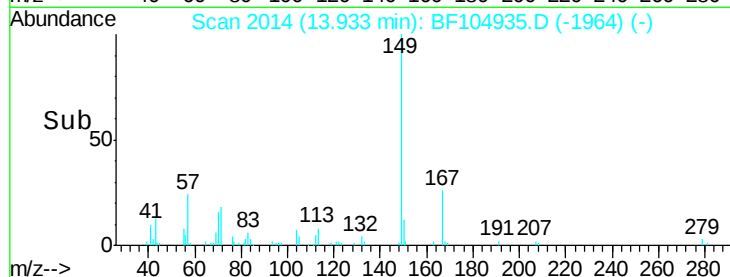
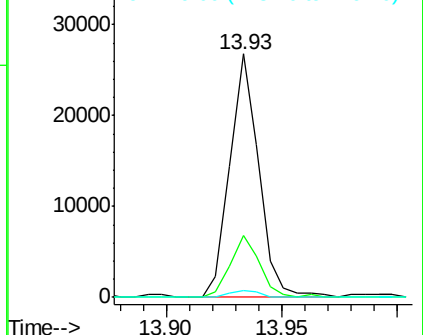
279 2.9 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF104935.D

Acq: 30 Apr 2018 16:21

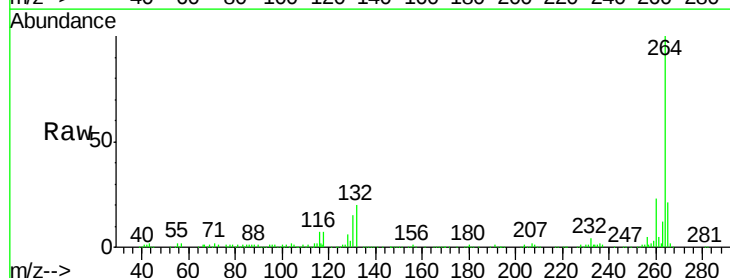
Tgt Ion:264 Resp: 221989

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.3 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

