

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111928.D
 Acq On : 9 Jan 2019 00:50
 Operator : JU/SJ
 Sample : K1075-09 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 01:51:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

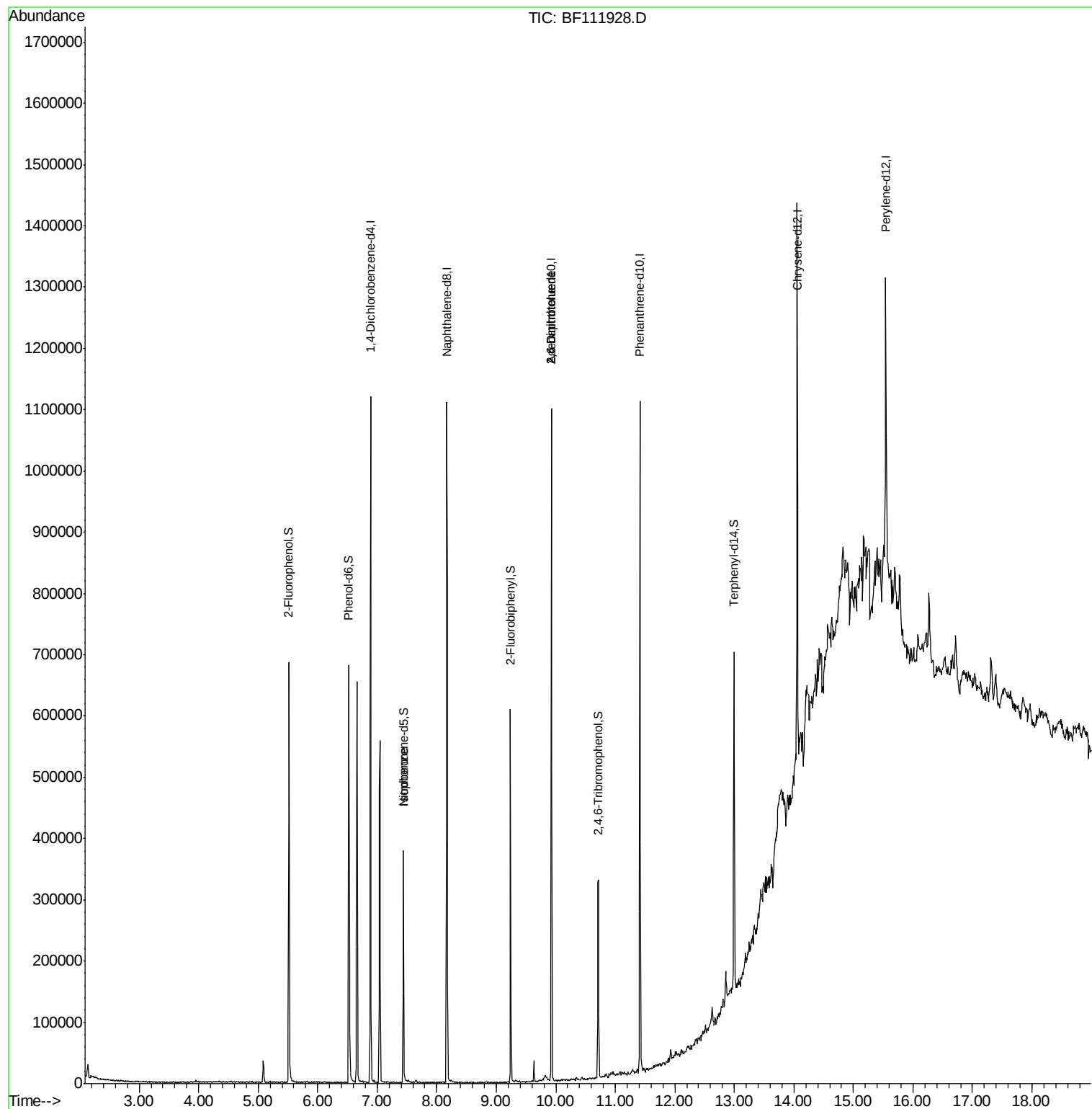
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	154715	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	463077	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	202586	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	392243	20.00	ng	0.00
76) Chrysene-d12	14.06	240	293513	20.00	ng	0.00
87) Perylene-d12	15.54	264	240653	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	172154	19.04	ng	0.00
7) Phenol-d6	6.52	99	208692	17.90	ng	-0.01
23) Nitrobenzene-d5	7.44	82	106542	12.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	41352	15.69	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	180031	12.96	ng	-0.01
79) Terphenyl-d14	12.99	244	176199	11.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.66	77	3943	Below Cal		Qvalue 82
25) Isophorone	7.44	82	106541	7.593 ng	#	65
51) 2,6-Dinitrotoluene	9.93	165	25878	7.604 ng	#	26
57) 2,4-Dinitrotoluene	9.93	165	25878	5.885 ng	#	27

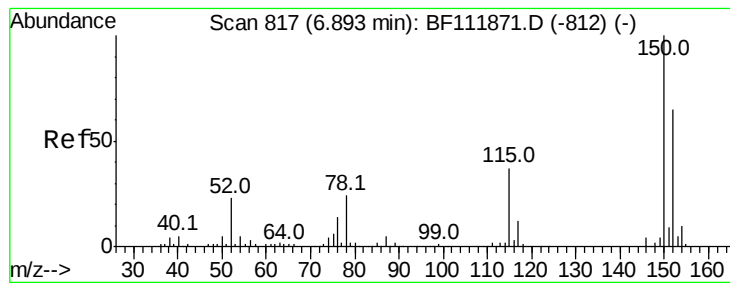
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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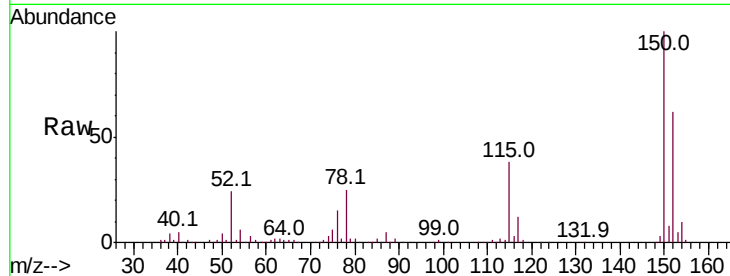


#1

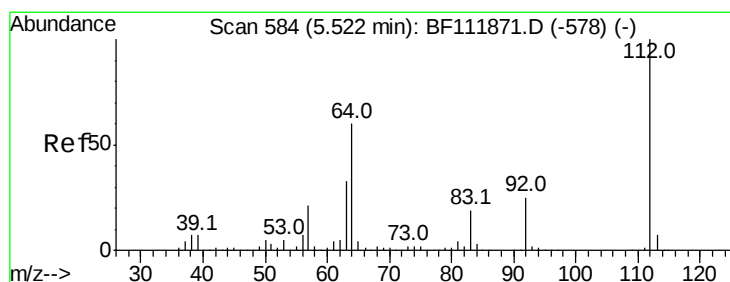
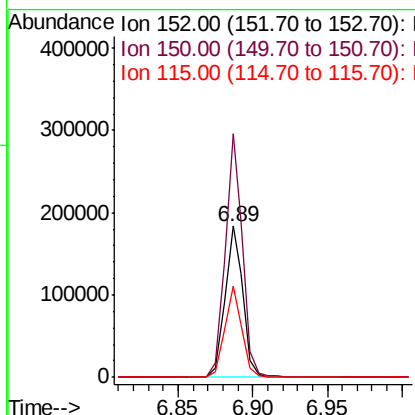
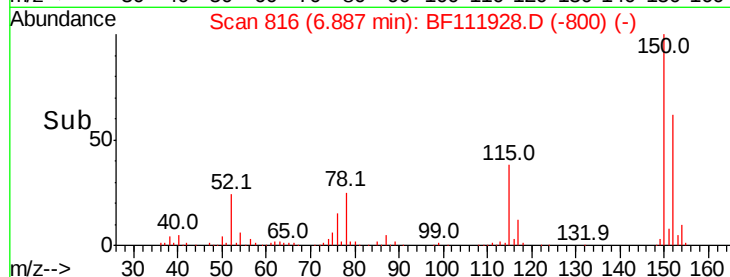
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF111928.D
 Acq: 9 Jan 2019 00:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 154715
 Ion Ratio Lower Upper
 152 100
 150 160.9 122.7 184.1
 115 60.6 45.2 67.8



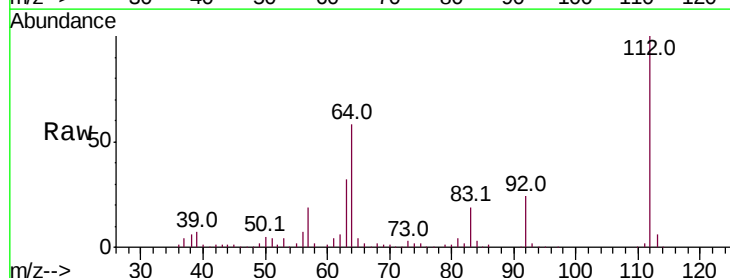
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



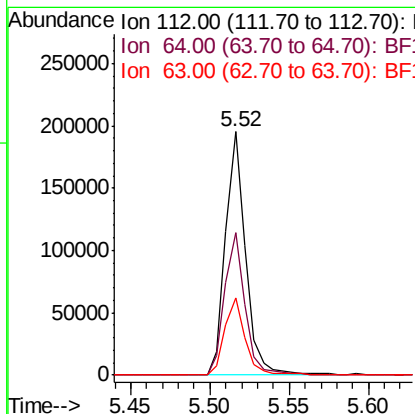
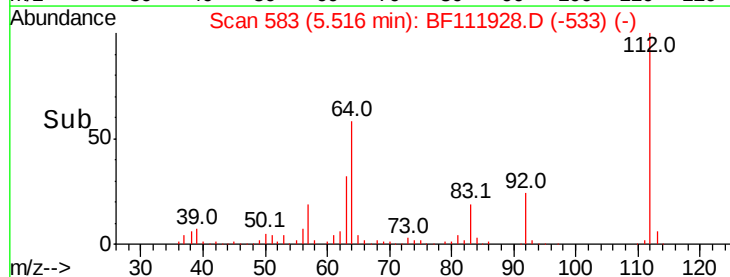
#5

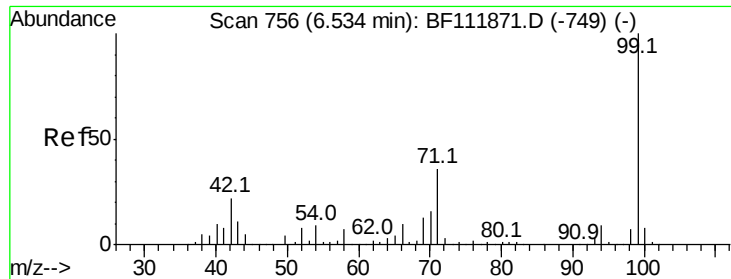
2-Fluorophenol
 Concen: 19.037 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.01 min
 Lab File: BF111928.D
 Acq: 9 Jan 2019 00:50

Tgt Ion:112 Resp: 172154
 Ion Ratio Lower Upper
 112 100
 64 58.3 48.3 72.5
 63 31.7 26.1 39.1



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: 17.905 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111928.D

Acq: 9 Jan 2019 00:50

Instrument :

BNA_F

ClientSampleId :

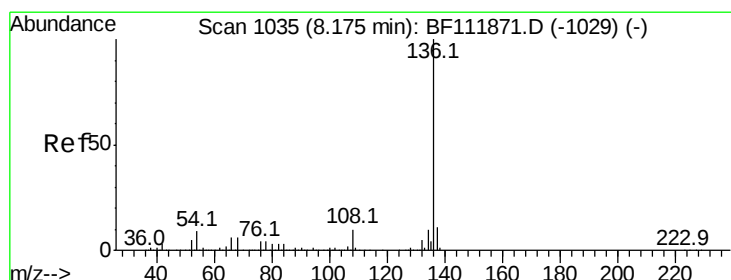
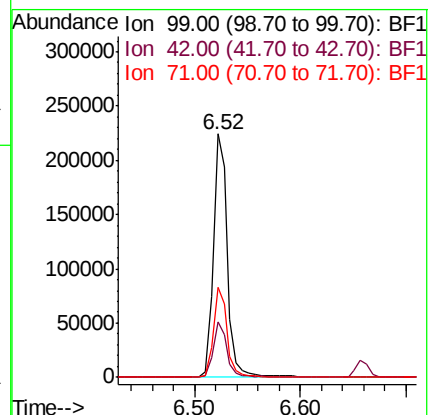
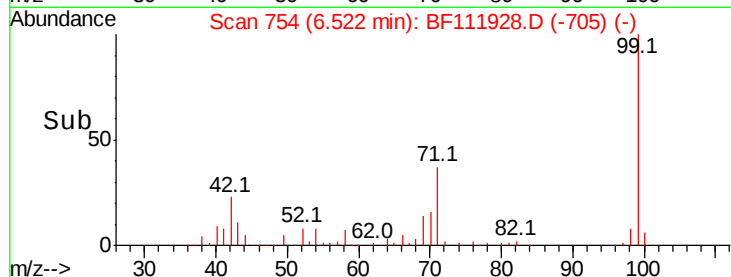
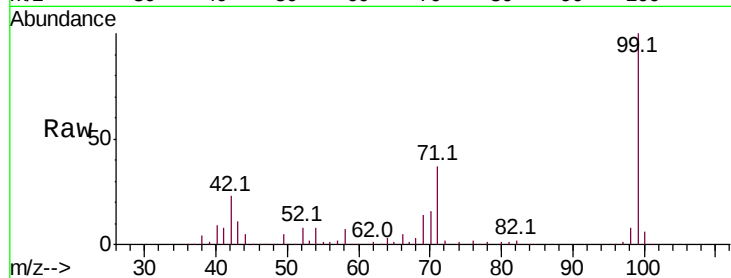
Tot Ion: 99 Resp: 208692

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

71 37.1 28.7 43.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111928.D

Acq: 9 Jan 2019 00:50

Tgt Ion: 136 Resp: 463077

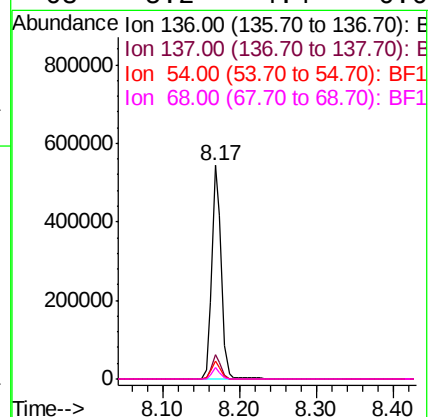
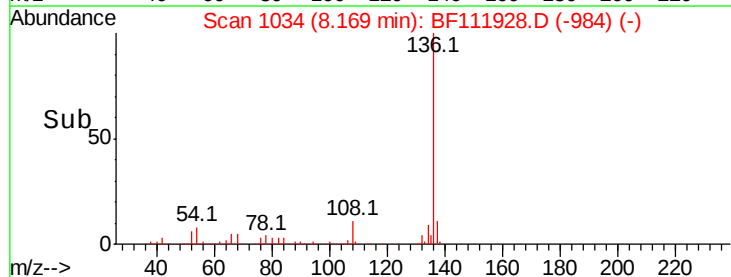
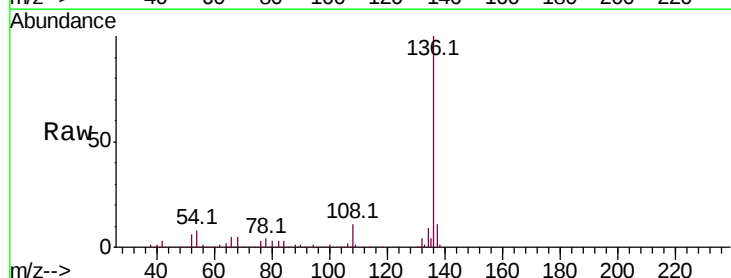
Ion Ratio Lower Upper

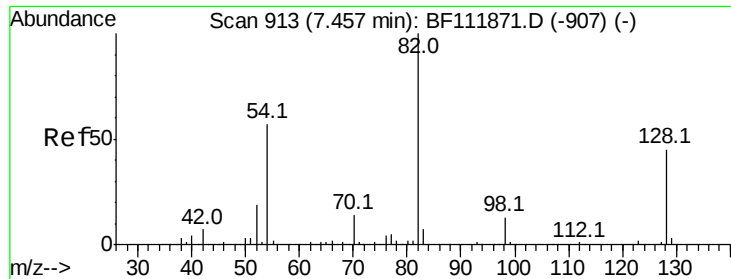
136 100

137 11.4 9.1 13.7

54 8.4 7.2 10.8

68 5.2 4.4 6.6

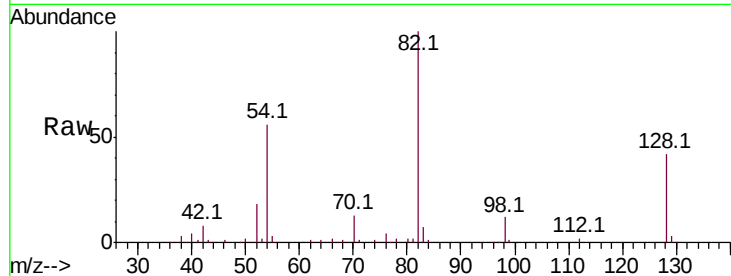




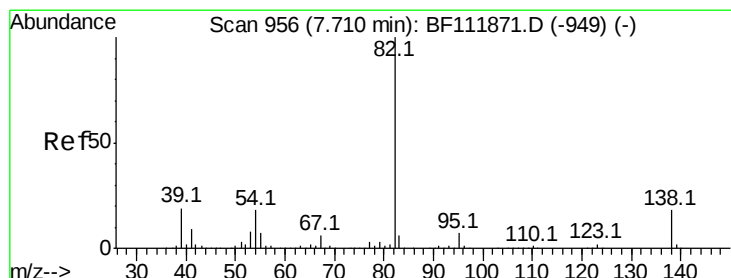
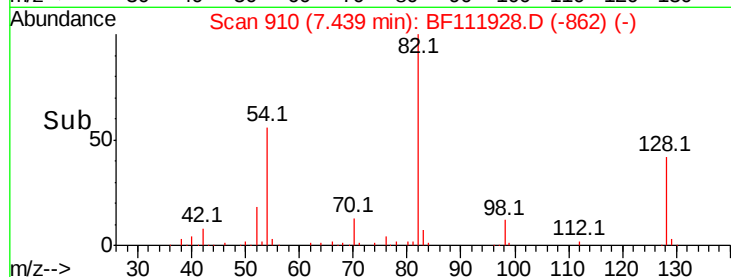
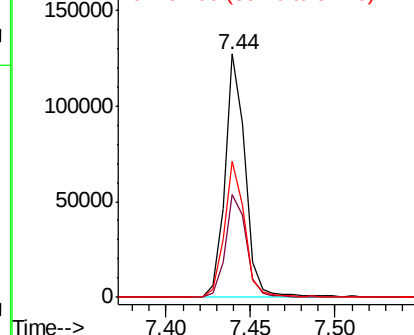
#23
Nitrobenzene-d5
Concen: 12.296 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 106542
Ion Ratio Lower Upper
82 100
128 42.1 35.7 53.5
54 55.9 45.8 68.8

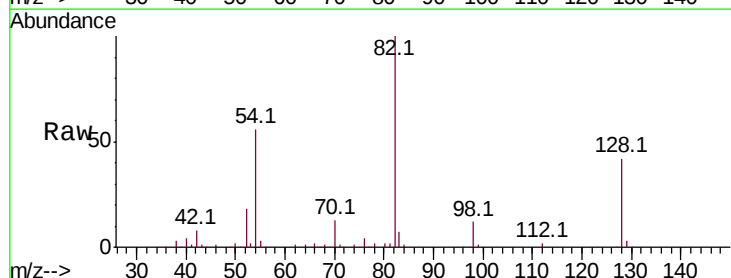


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

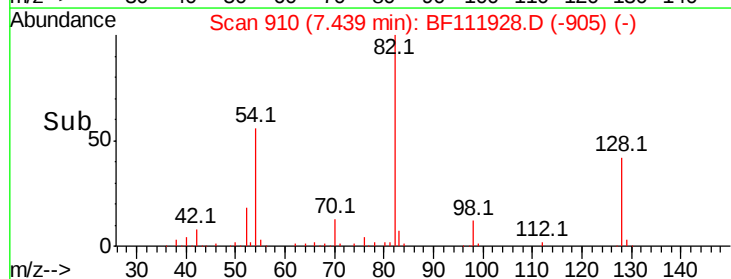
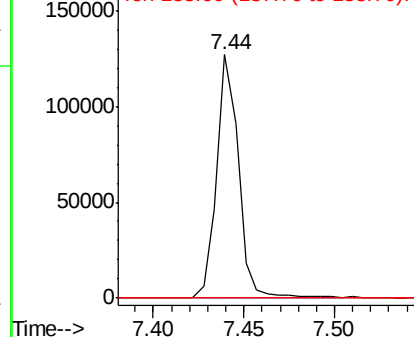


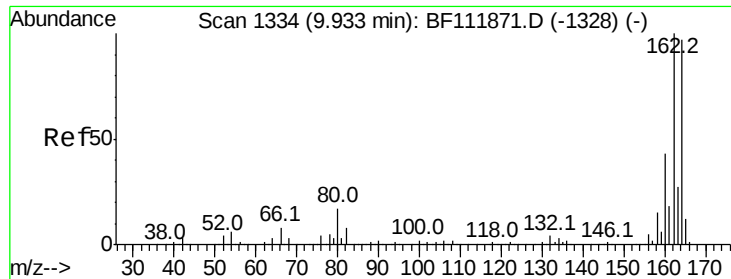
#25
Isophorone
Concen: 7.593 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

Tgt Ion: 82 Resp: 106541
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.4 21.6#



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

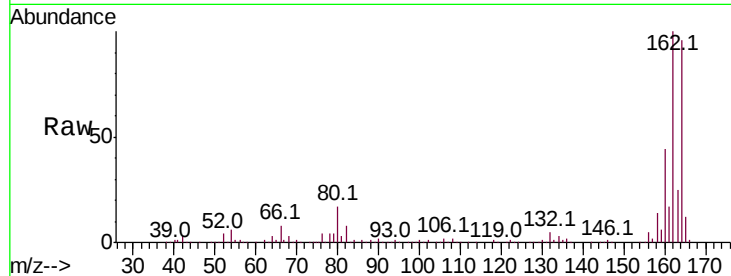




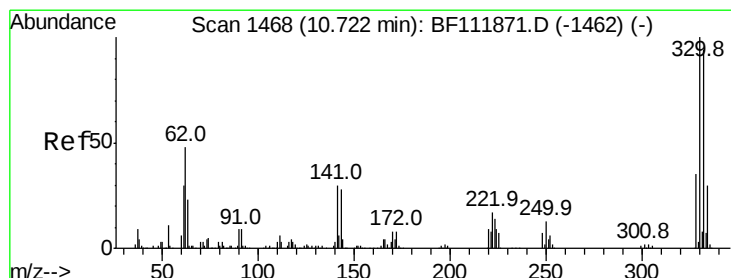
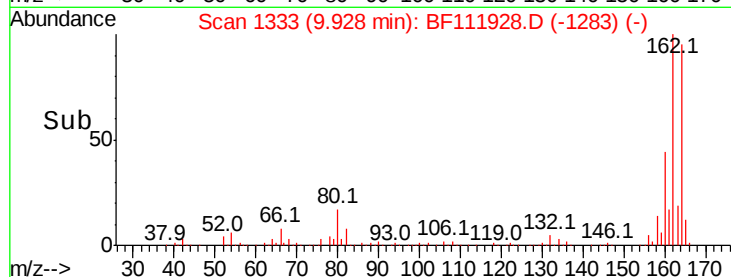
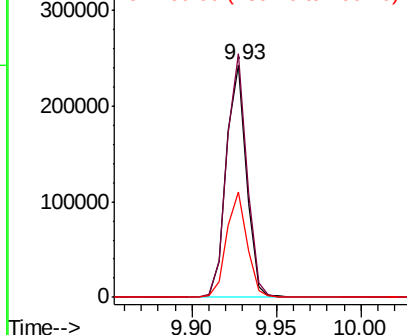
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 202586
Ion Ratio Lower Upper
164 100
162 104.7 82.2 123.2
160 45.6 35.5 53.3

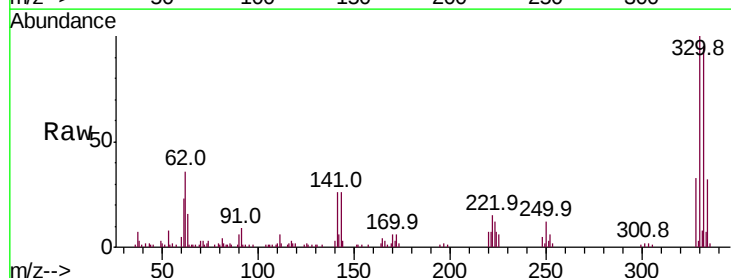


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

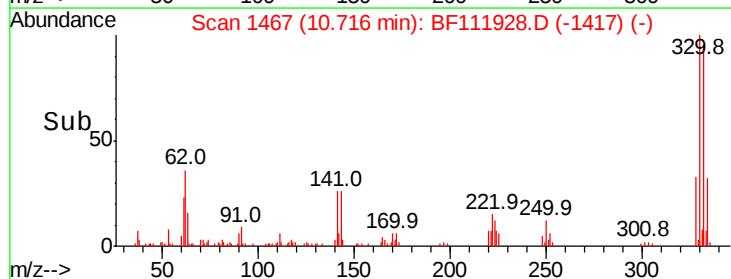
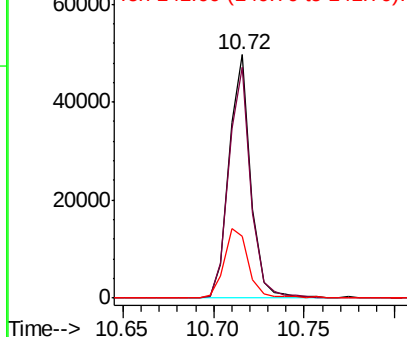


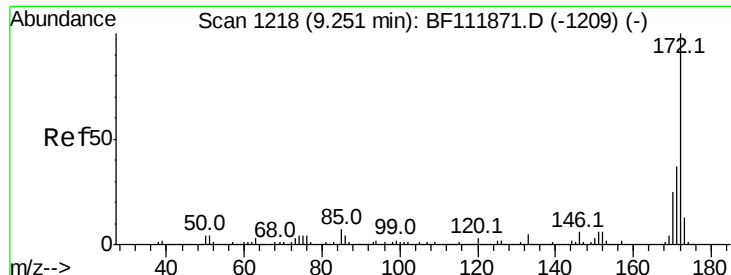
#42
2,4,6-Tribromophenol
Concen: 15.693 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

Tgt Ion:330 Resp: 41352
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 32.3 23.7 35.5



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

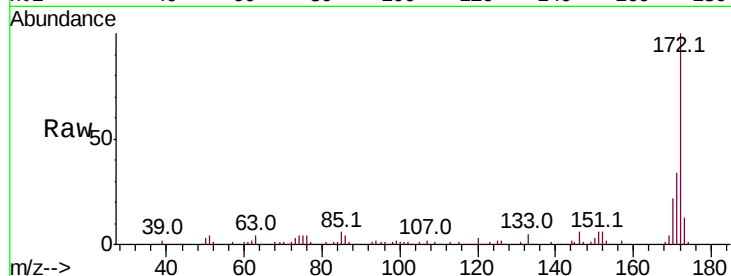




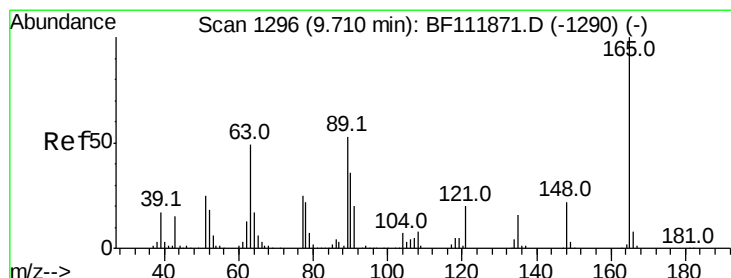
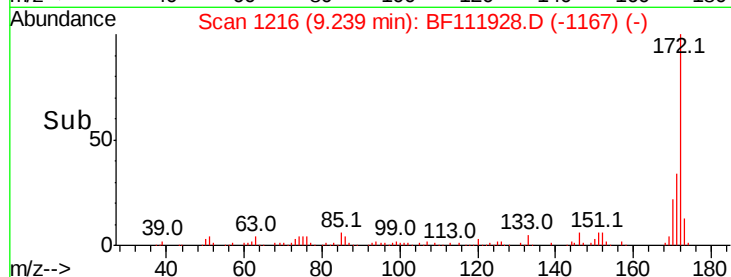
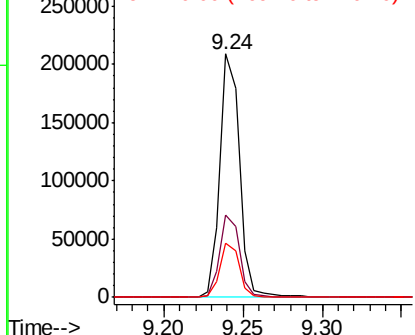
#45
2-Fluorobiphenyl
Concen: 12.959 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 180031
Ion Ratio Lower Upper
172 100
171 33.9 29.6 44.4
170 22.3 19.8 29.8

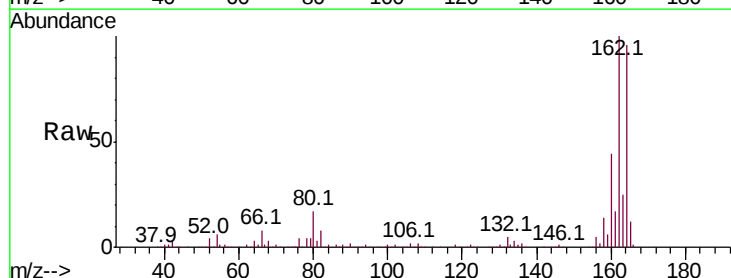


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

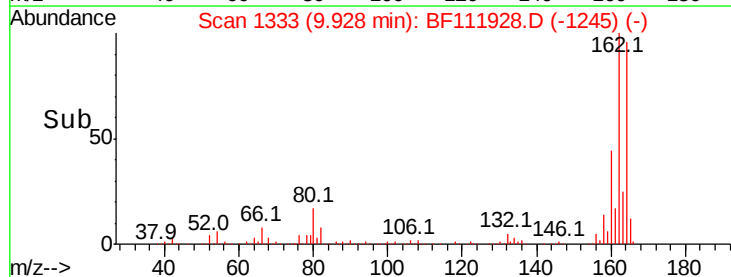
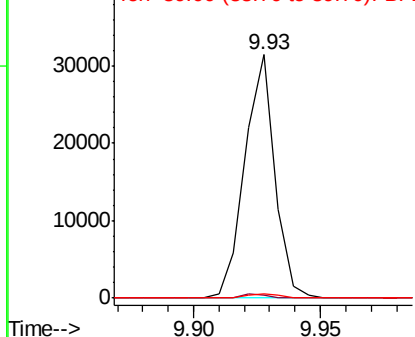


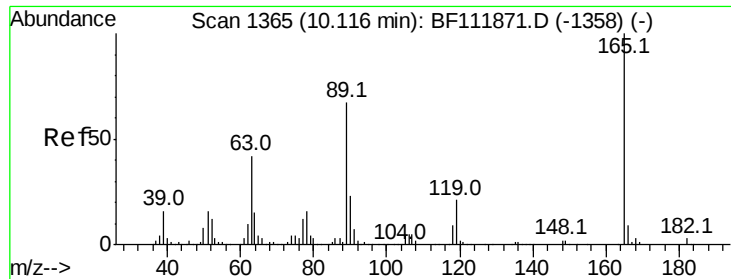
#51
2,6-Dinitrotoluene
Concen: 7.604 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

Tgt Ion:165 Resp: 25878
Ion Ratio Lower Upper
165 100
63 1.3 46.2 69.2#
89 1.8 42.2 63.2#



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

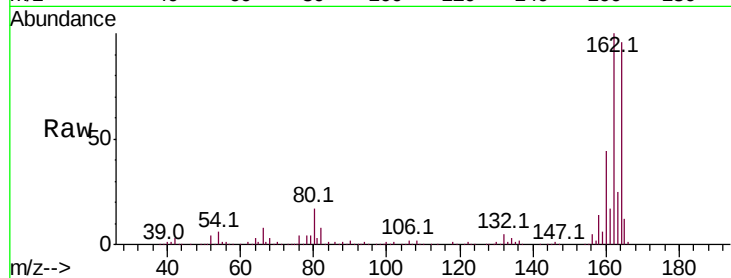




#57
 2,4-Dinitrotoluene
 Concen: 5.885 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.19 min
 Lab File: BF111928.D
 Acq: 9 Jan 2019 00:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.1	51.1#
89	1.8	53.5	80.3#
182	0.0	2.0	3.0#



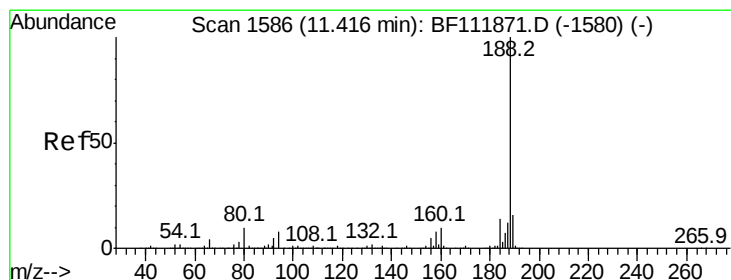
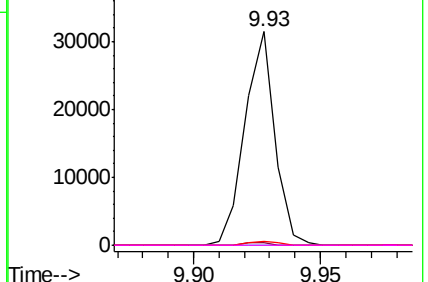
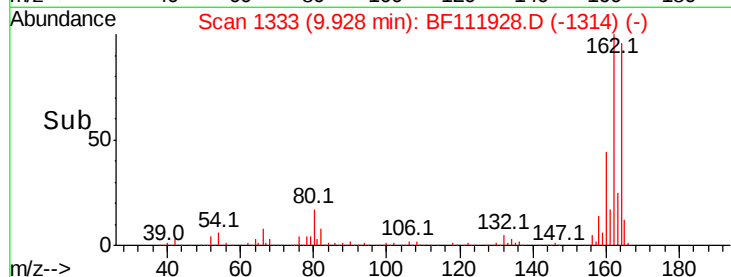
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

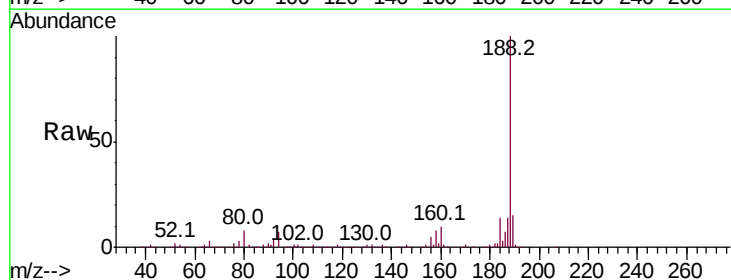
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF111928.D
 Acq: 9 Jan 2019 00:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.6	10.0
80	8.4	7.7	11.5

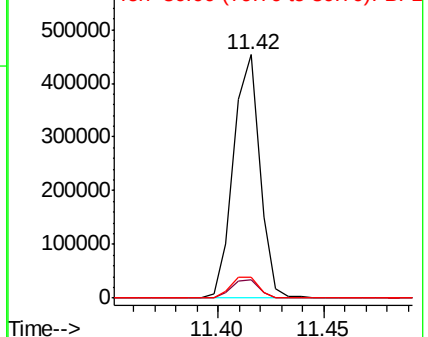
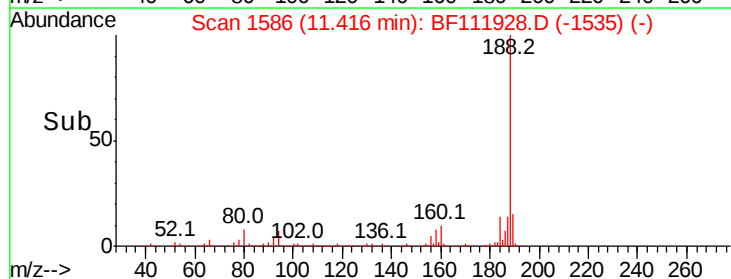


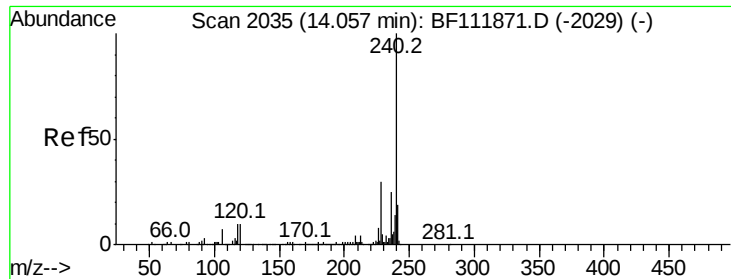
Abundance

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

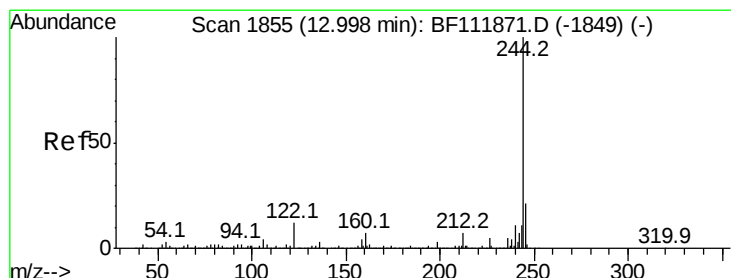
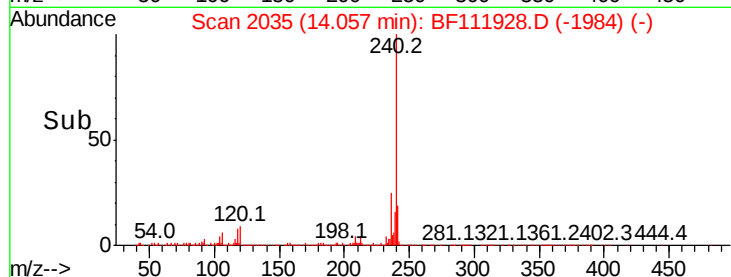
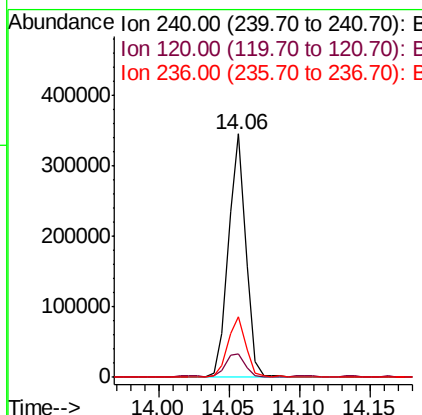
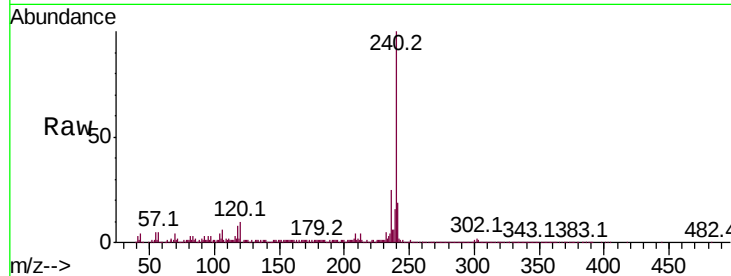




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF111928.D
 Acq: 9 Jan 2019 00:50

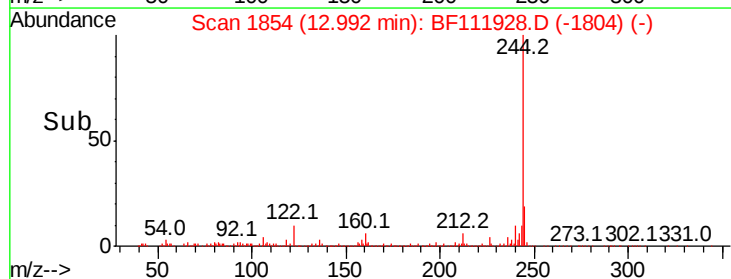
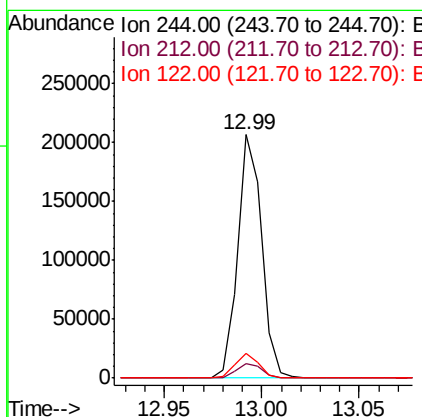
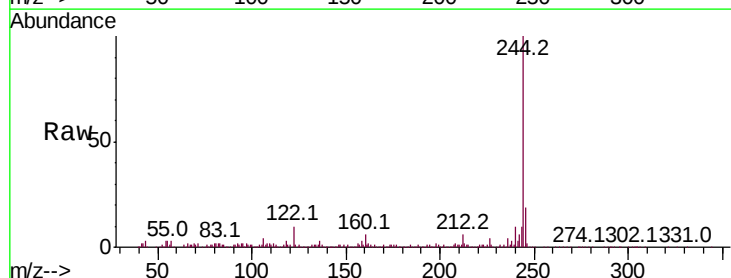
Instrument :
 BNA_F
 ClientSampleId :

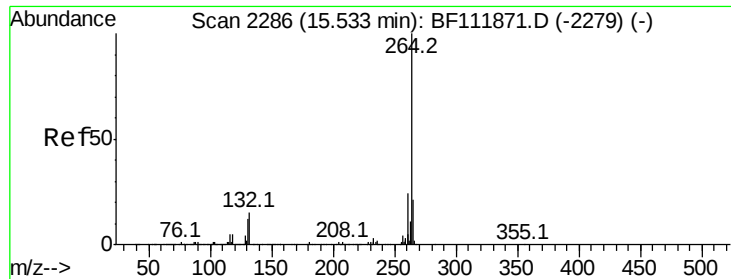
Tot Ion:240 Resp: 293513
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.2 12.2
 236 25.1 20.2 30.4



#79
 Terphenyl-d14
 Concen: 11.395 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111928.D
 Acq: 9 Jan 2019 00:50

Tgt Ion:244 Resp: 176199
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.8 8.8
 122 10.2 9.5 14.3

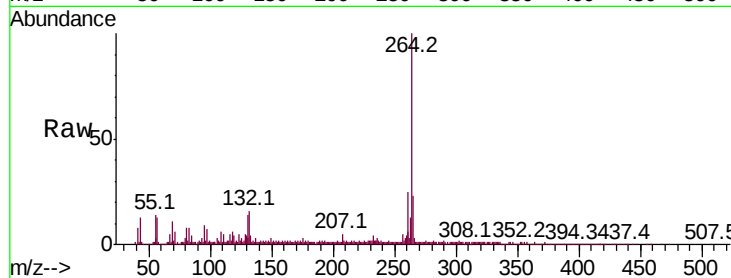




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	240653
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	23.1	17.1	25.7



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

