

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111893.D
 Acq On : 7 Jan 2019 22:52
 Operator : JU/SJ
 Sample : K1034-05 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 04:07:05 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

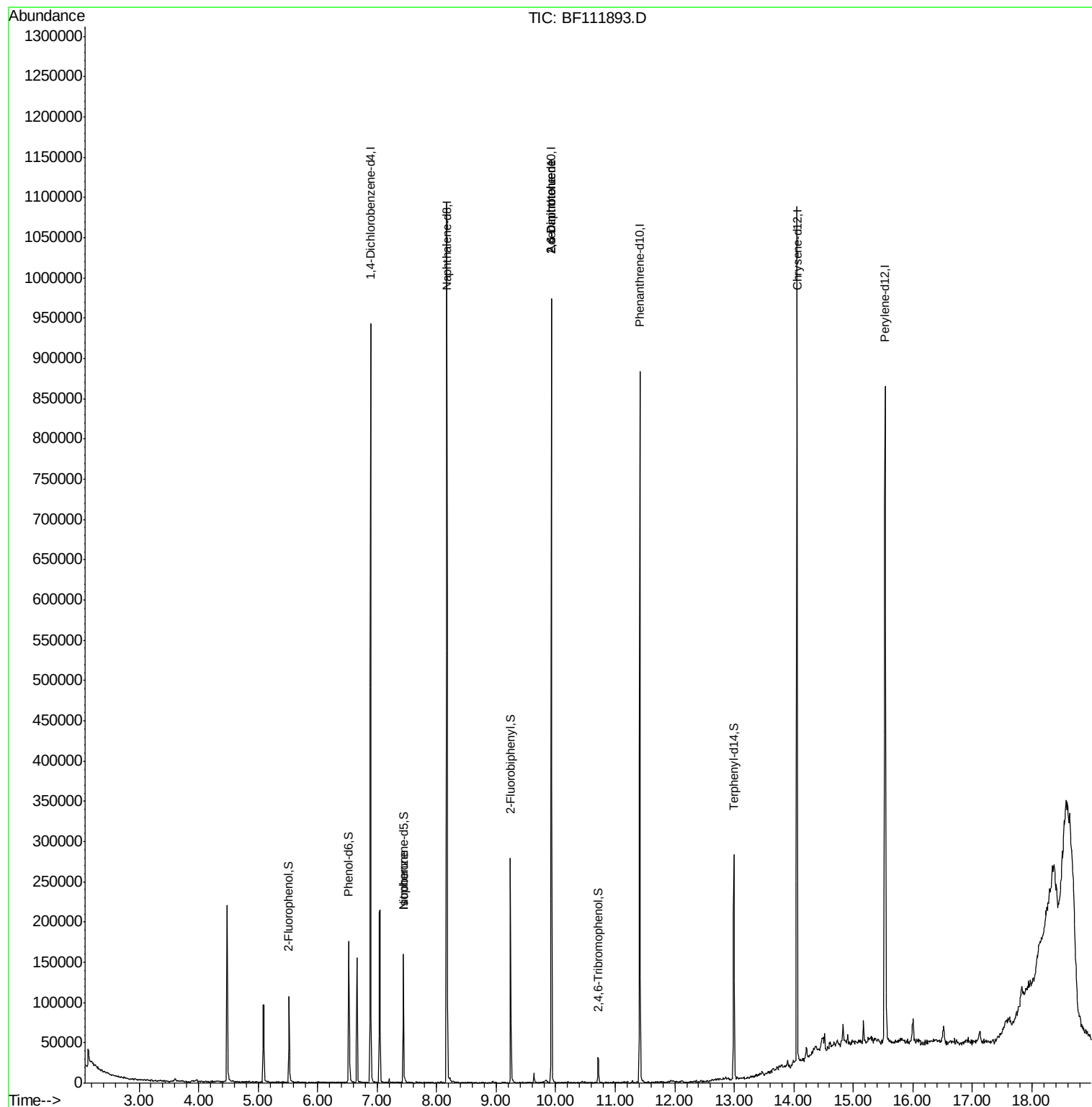
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	126182	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	443115	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	194336	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	315338	20.00	ng	0.00
76) Chrysene-d12	14.05	240	347674	20.00	ng	0.00
87) Perylene-d12	15.53	264	382499	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	30679	4.16	ng	0.00
7) Phenol-d6	6.52	99	58462	6.15	ng	-0.01
23) Nitrobenzene-d5	7.44	82	44824	5.41	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	5393	2.13	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	96060	7.21	ng	-0.01
79) Terphenyl-d14	12.99	244	95782	5.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.66	77	843	Below Cal	#	74
25) Isophorone	7.44	82	44823	3.339 ng	#	65
51) 2,6-Dinitrotoluene	9.93	165	24050	7.367 ng	#	26
57) 2,4-Dinitrotoluene	9.93	165	24050	5.701 ng	#	27

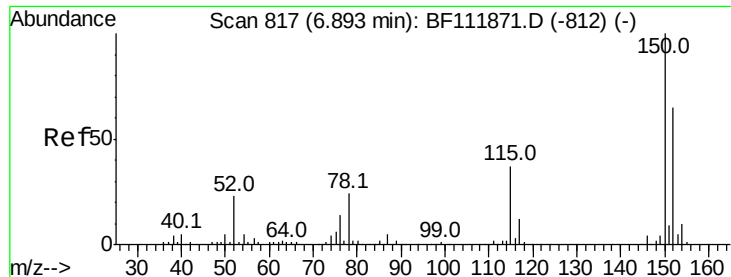
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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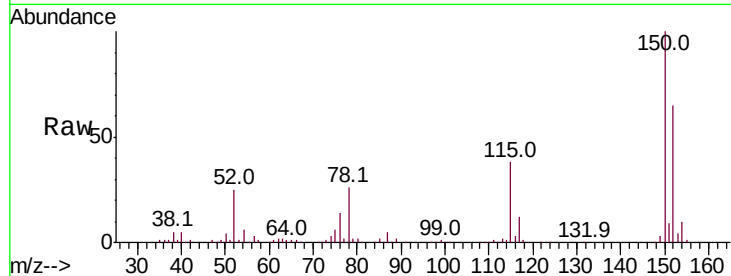


#1

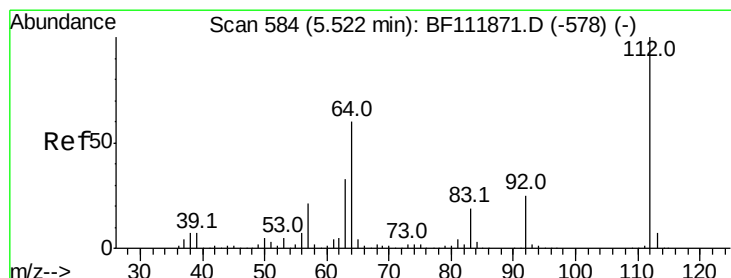
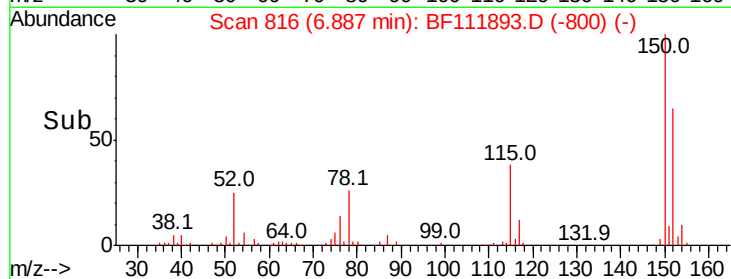
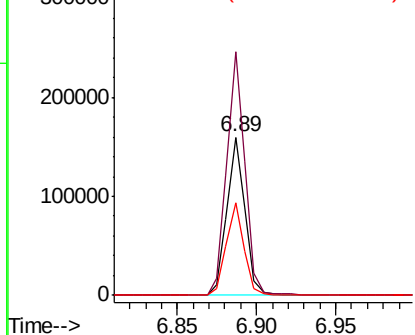
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111893.D
Acq: 7 Jan 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126182
Ion Ratio Lower Upper
152 100
150 153.9 122.7 184.1
115 58.3 45.2 67.8



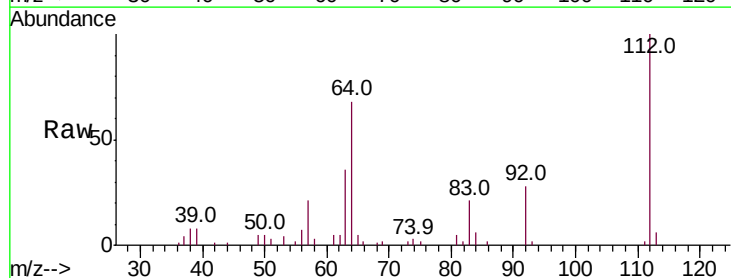
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



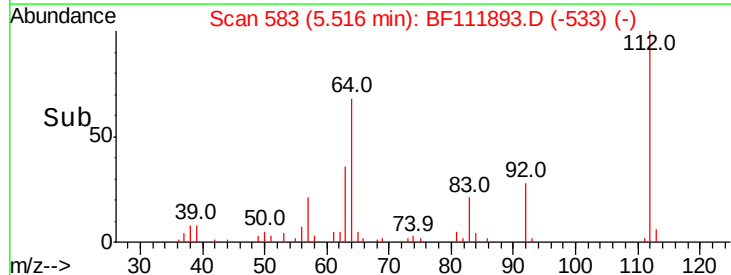
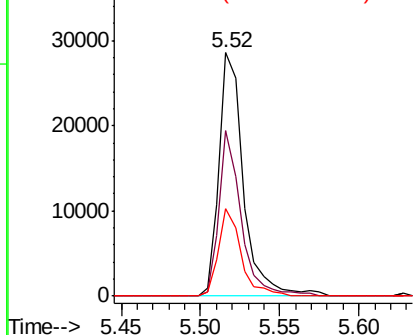
#5

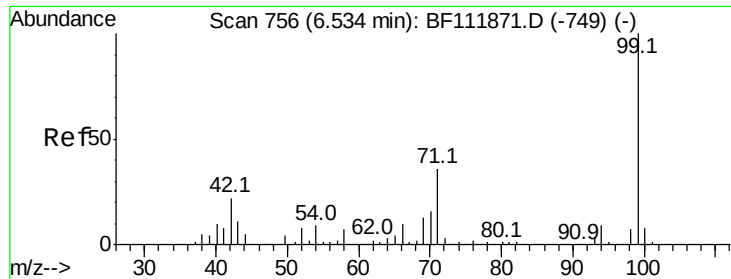
2-Fluorophenol
Concen: 4.160 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111893.D
Acq: 7 Jan 2019 22:52

Tgt Ion:112 Resp: 30679
Ion Ratio Lower Upper
112 100
64 67.7 48.3 72.5
63 35.7 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: 6.150 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111893.D

Acq: 7 Jan 2019 22:52

Instrument :

BNA_F

ClientSampleId :

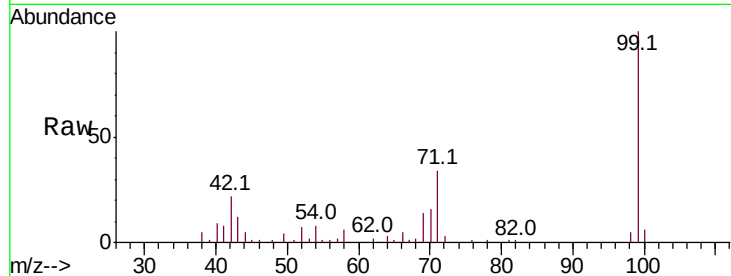
Tot Ion: 99 Resp: 58462

Ion Ratio Lower Upper

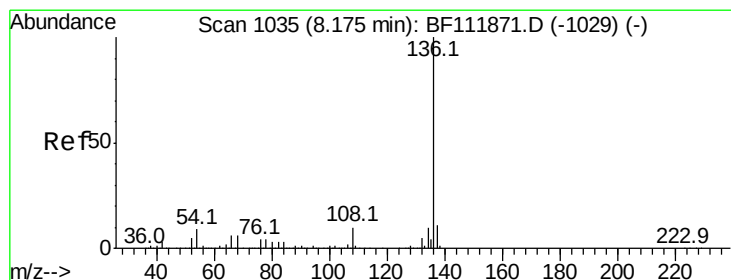
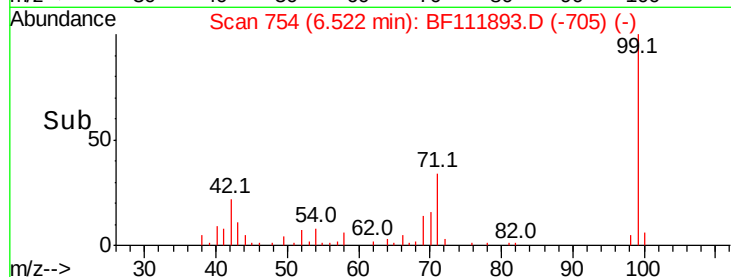
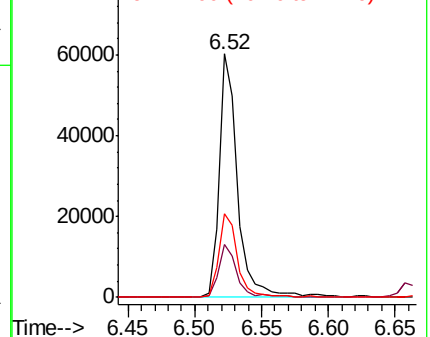
99 100

42 21.6 17.9 26.9

71 34.4 28.7 43.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111893.D

Acq: 7 Jan 2019 22:52

Tgt Ion: 136 Resp: 443115

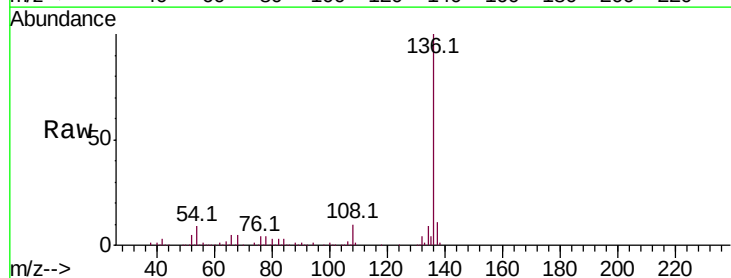
Ion Ratio Lower Upper

136 100

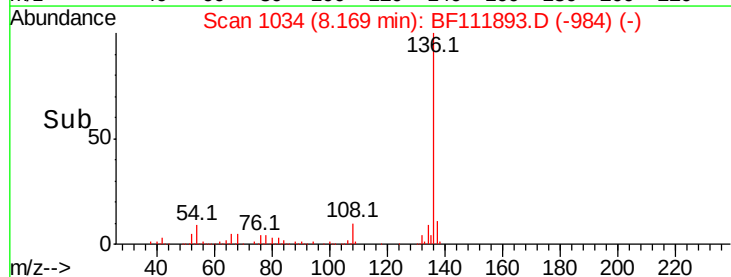
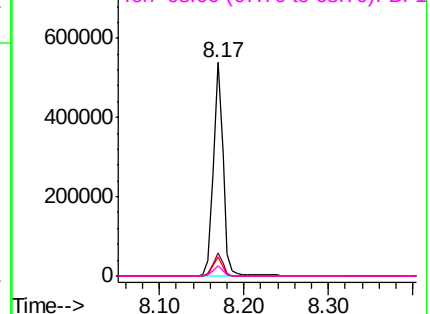
137 10.7 9.1 13.7

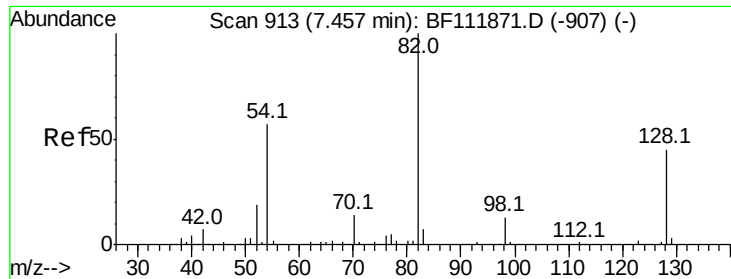
54 9.0 7.2 10.8

68 4.7 4.4 6.6



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

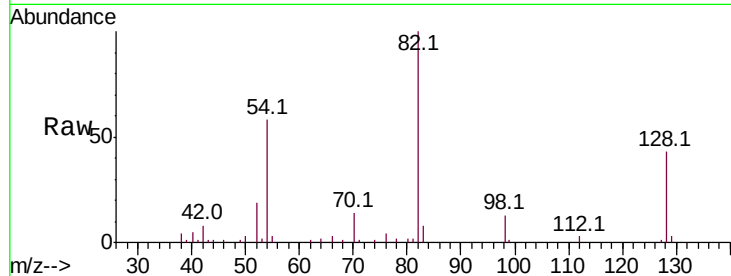




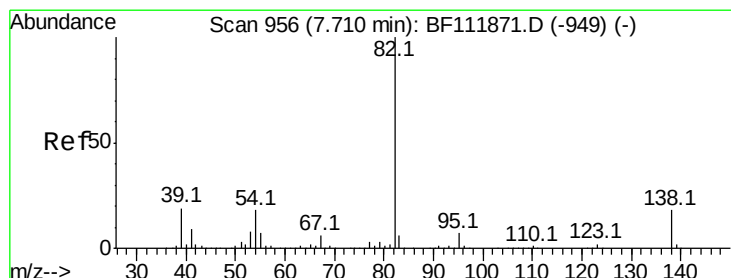
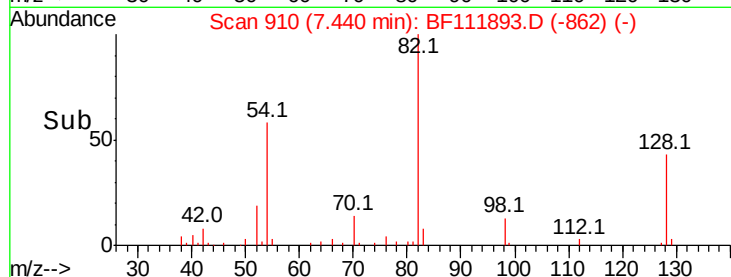
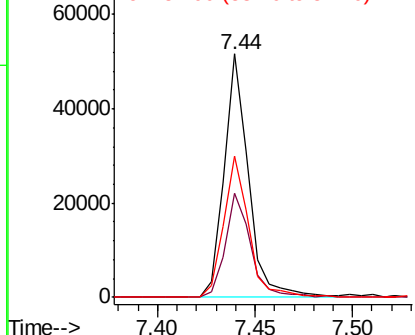
#23
Nitrobenzene-d5
Concen: 5.406 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111893.D
Acq: 7 Jan 2019 22:52

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 44824
Ion Ratio Lower Upper
82 100
128 42.9 35.7 53.5
54 58.0 45.8 68.8

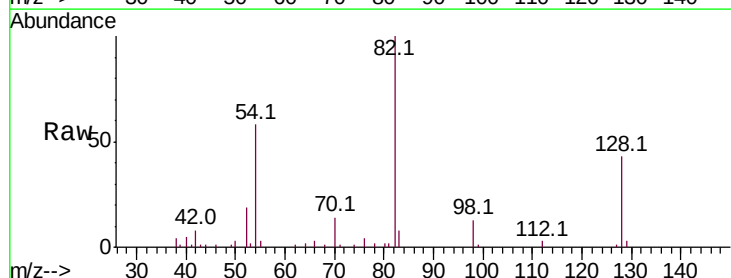


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

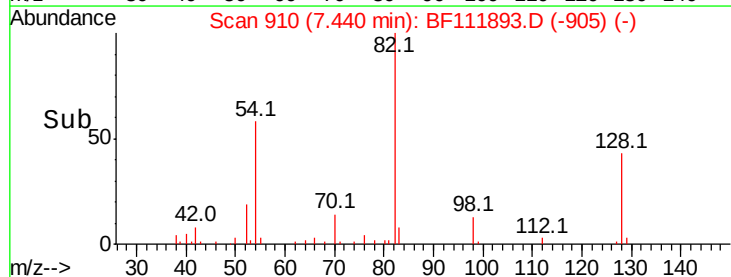
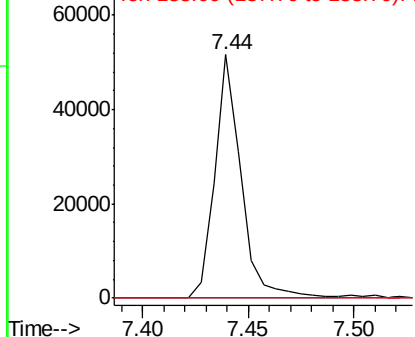


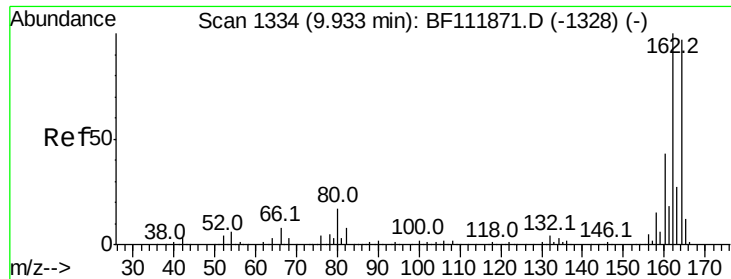
#25
Isophorone
Concen: 3.339 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF111893.D
Acq: 7 Jan 2019 22:52

Tgt Ion: 82 Resp: 44823
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

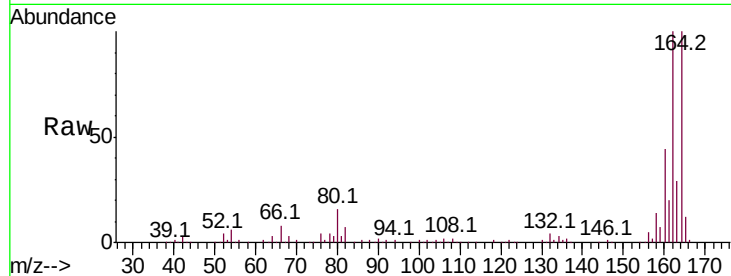




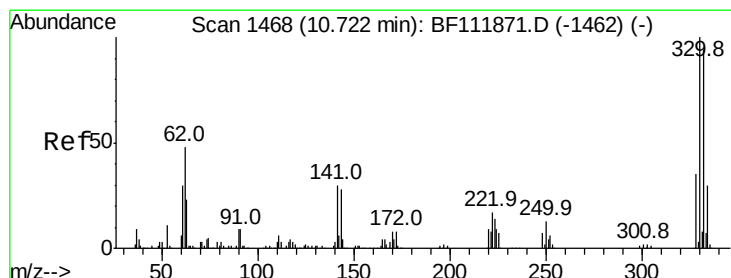
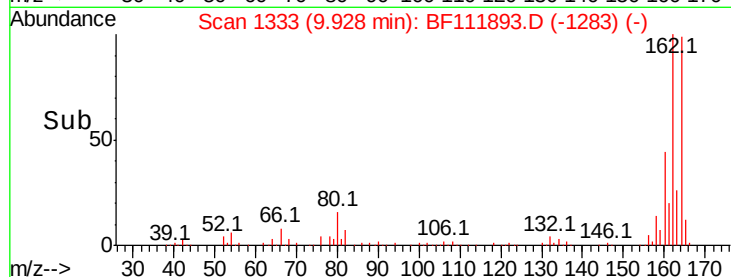
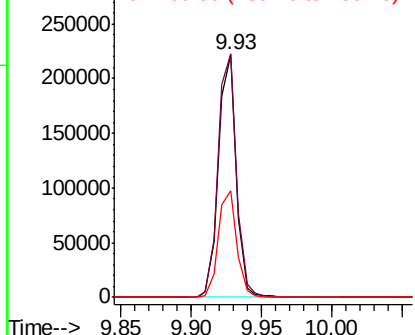
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF111893.D
 Acq: 7 Jan 2019 22:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 194336
 Ion Ratio Lower Upper
 164 100
 162 100.4 82.2 123.2
 160 43.8 35.5 53.3

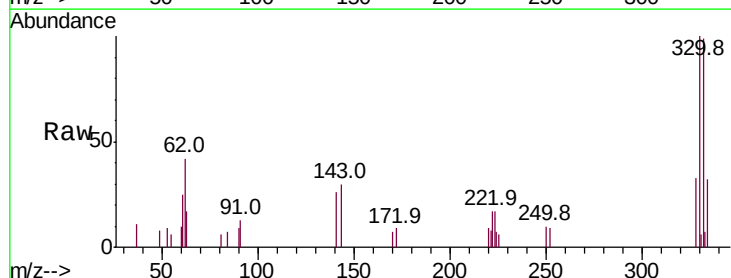


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

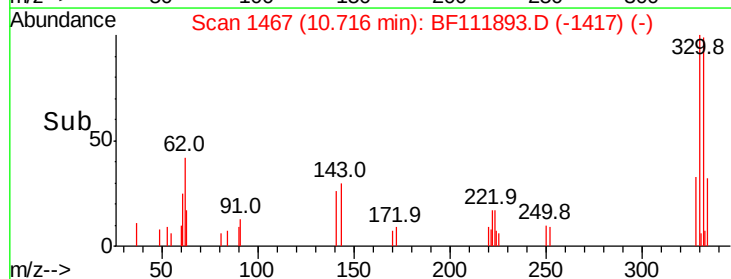
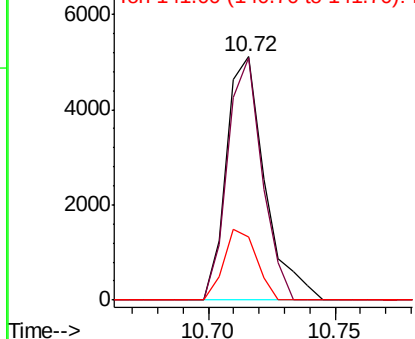


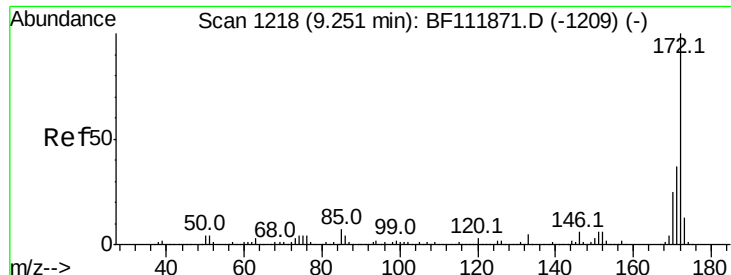
#42
 2,4,6-Tribromophenol
 Concen: 2.134 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111893.D
 Acq: 7 Jan 2019 22:52

Tgt Ion:330 Resp: 5393
 Ion Ratio Lower Upper
 330 100
 332 89.1 76.9 115.3
 141 24.6 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

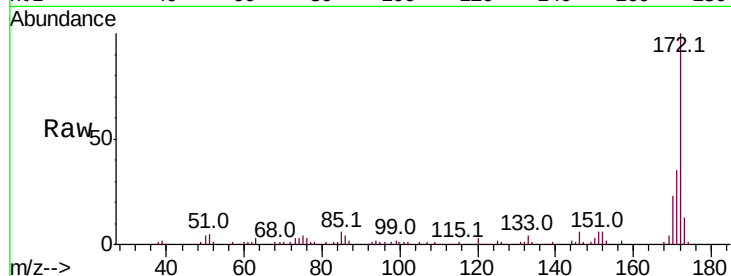




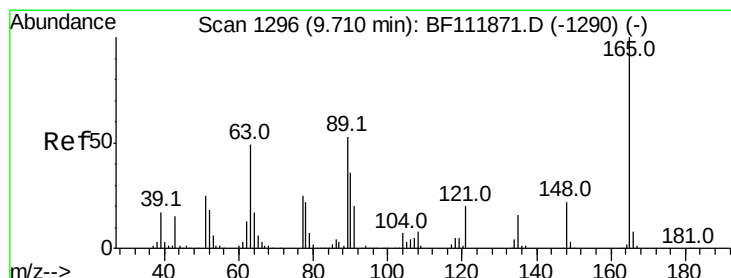
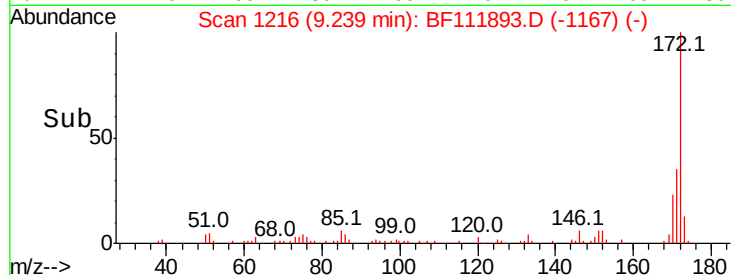
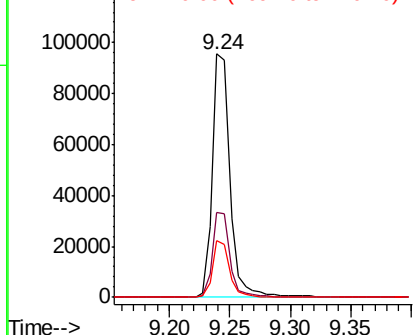
#45
2-Fluorobiphenyl
Concen: 7.208 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111893.D
Acq: 7 Jan 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 96060
Ion Ratio Lower Upper
172 100
171 34.7 29.6 44.4
170 23.3 19.8 29.8

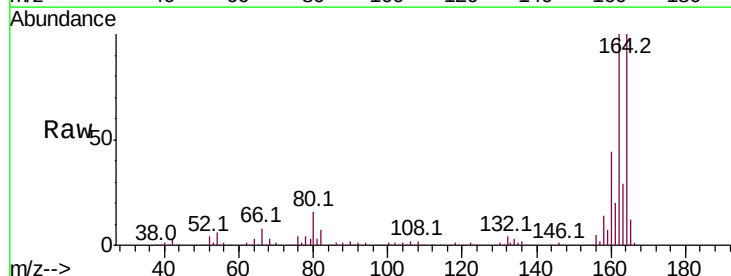


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

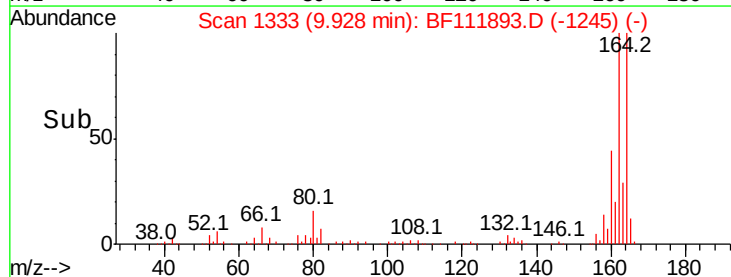
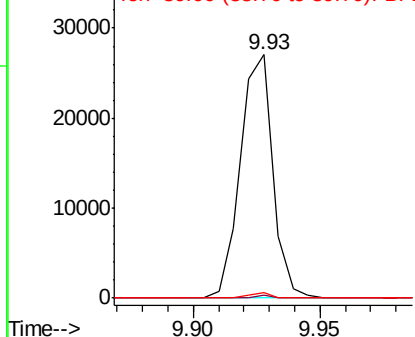


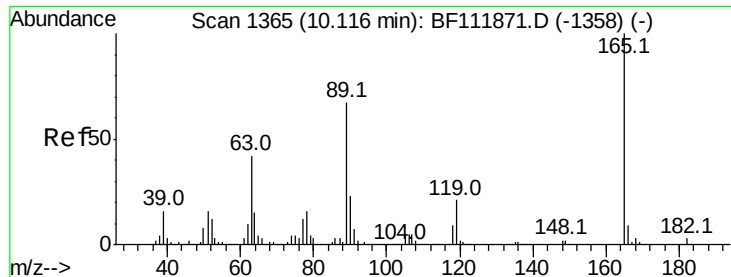
#51
2,6-Dinitrotoluene
Concen: 7.367 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF111893.D
Acq: 7 Jan 2019 22:52

Tgt Ion:165 Resp: 24050
Ion Ratio Lower Upper
165 100
63 1.1 46.2 69.2#
89 2.2 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: 5.701 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.19 min

Lab File: BF111893.D

Acq: 7 Jan 2019 22:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 24050

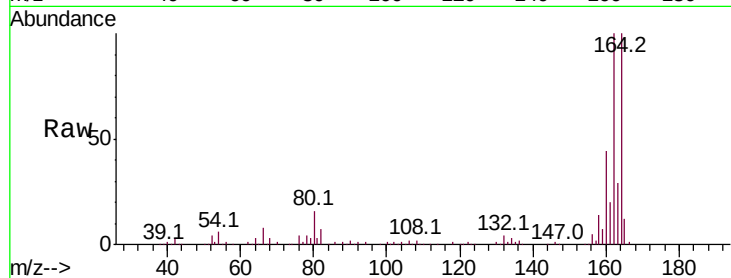
Ion Ratio Lower Upper

165 100

63 1.1 34.1 51.1#

89 2.2 53.5 80.3#

182 0.0 2.0 3.0#

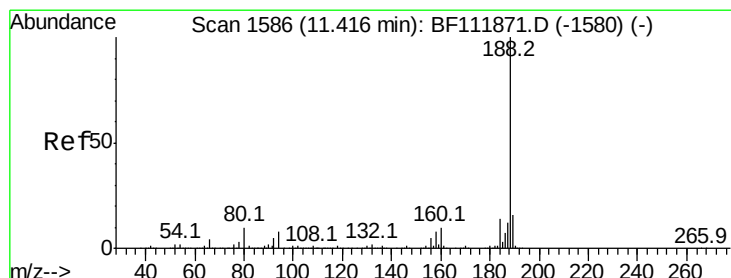
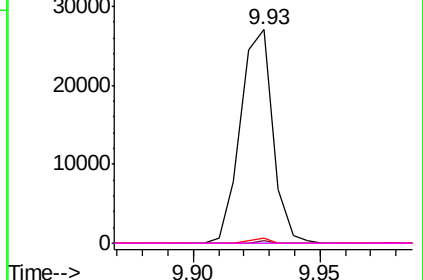
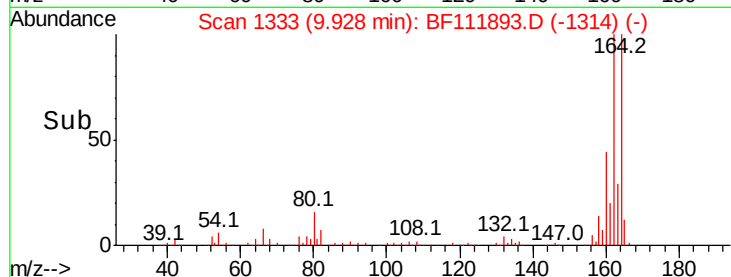


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111893.D

Acq: 7 Jan 2019 22:52

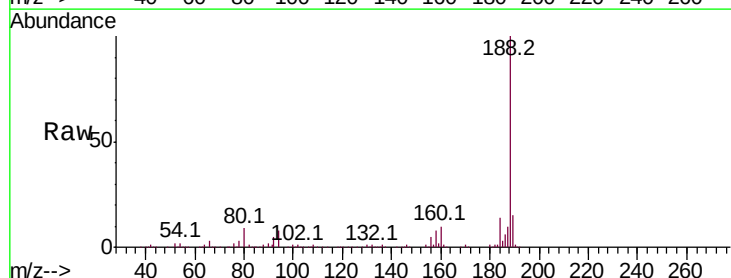
Tgt Ion:188 Resp: 315338

Ion Ratio Lower Upper

188 100

94 7.9 6.6 10.0

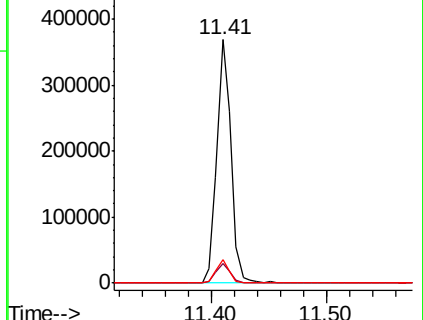
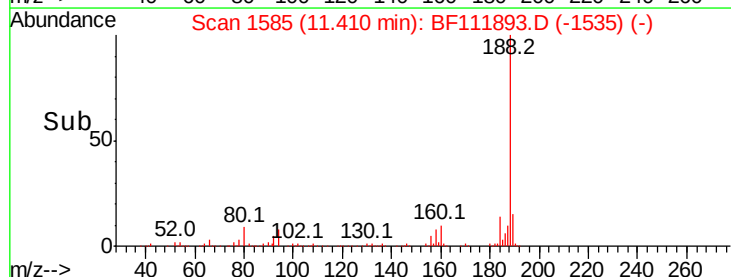
80 9.5 7.7 11.5

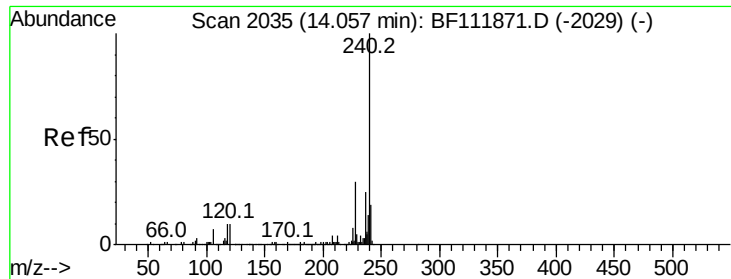


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

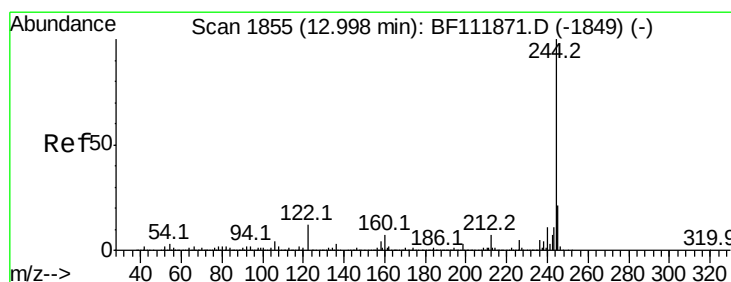
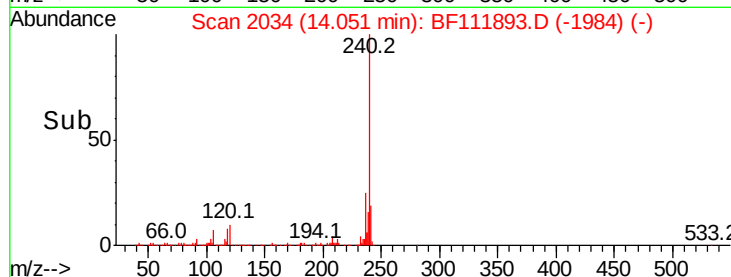
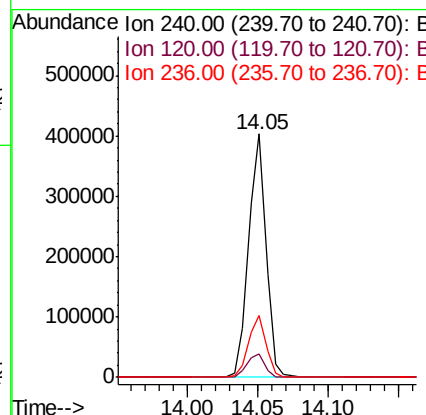
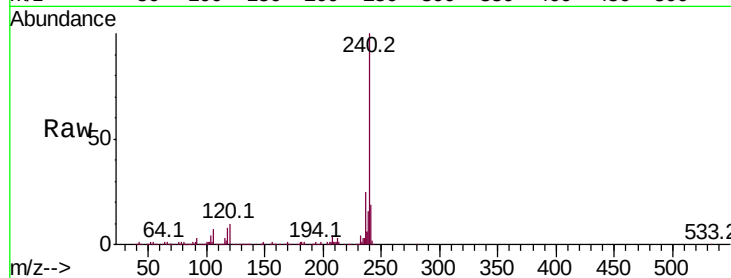




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111893.D
 Acq: 7 Jan 2019 22:52

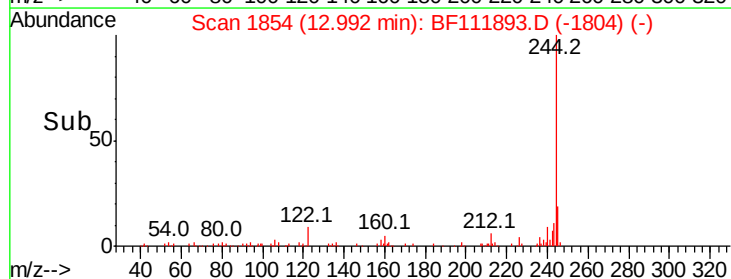
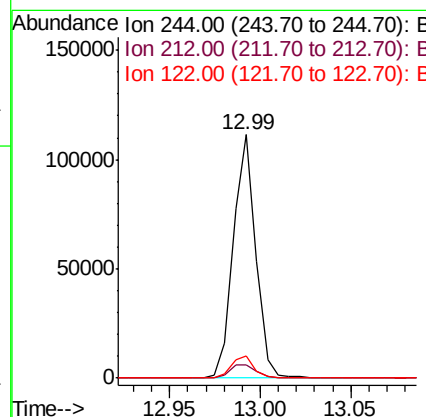
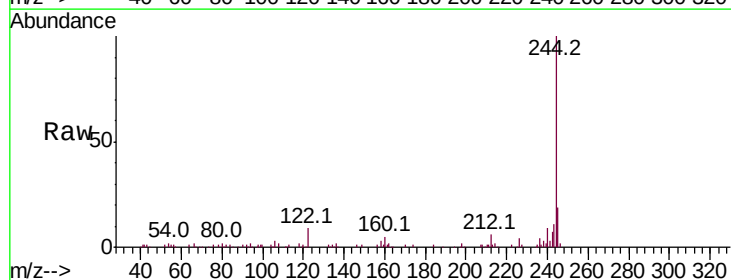
Instrument :
 BNA_F
 ClientSampleID :

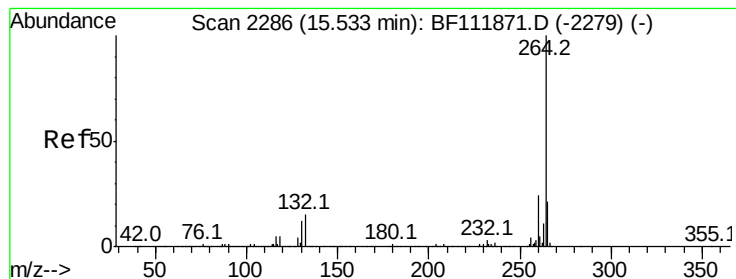
Tot Ion:240 Resp: 347674
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.2 12.2
 236 25.3 20.2 30.4



#79
 Terphenyl-d14
 Concen: 5.229 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111893.D
 Acq: 7 Jan 2019 22:52

Tgt Ion:244 Resp: 95782
 Ion Ratio Lower Upper
 244 100
 212 5.6 5.8 8.8#
 122 9.0 9.5 14.3#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.00 min

Lab File: BF111893.D

Acq: 7 Jan 2019 22:52

Instrument :

BNA_F

ClientSampleId :

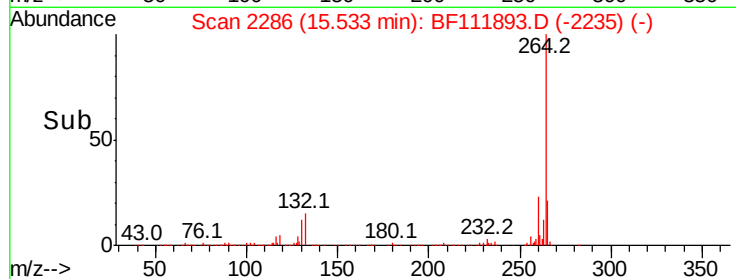
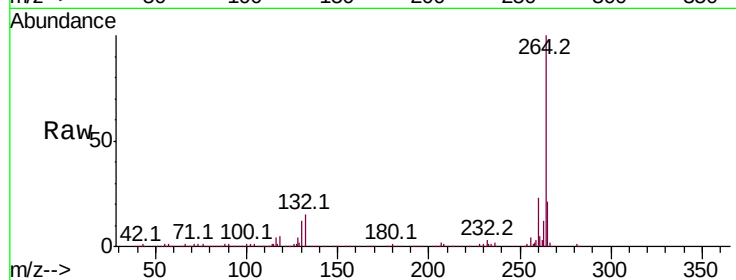
Tot Ion:264 Resp: 382499

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 20.8 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

