

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111890.D
 Acq On : 7 Jan 2019 21:30
 Operator : JU/SJ
 Sample : K1034-02 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 04:06:42 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

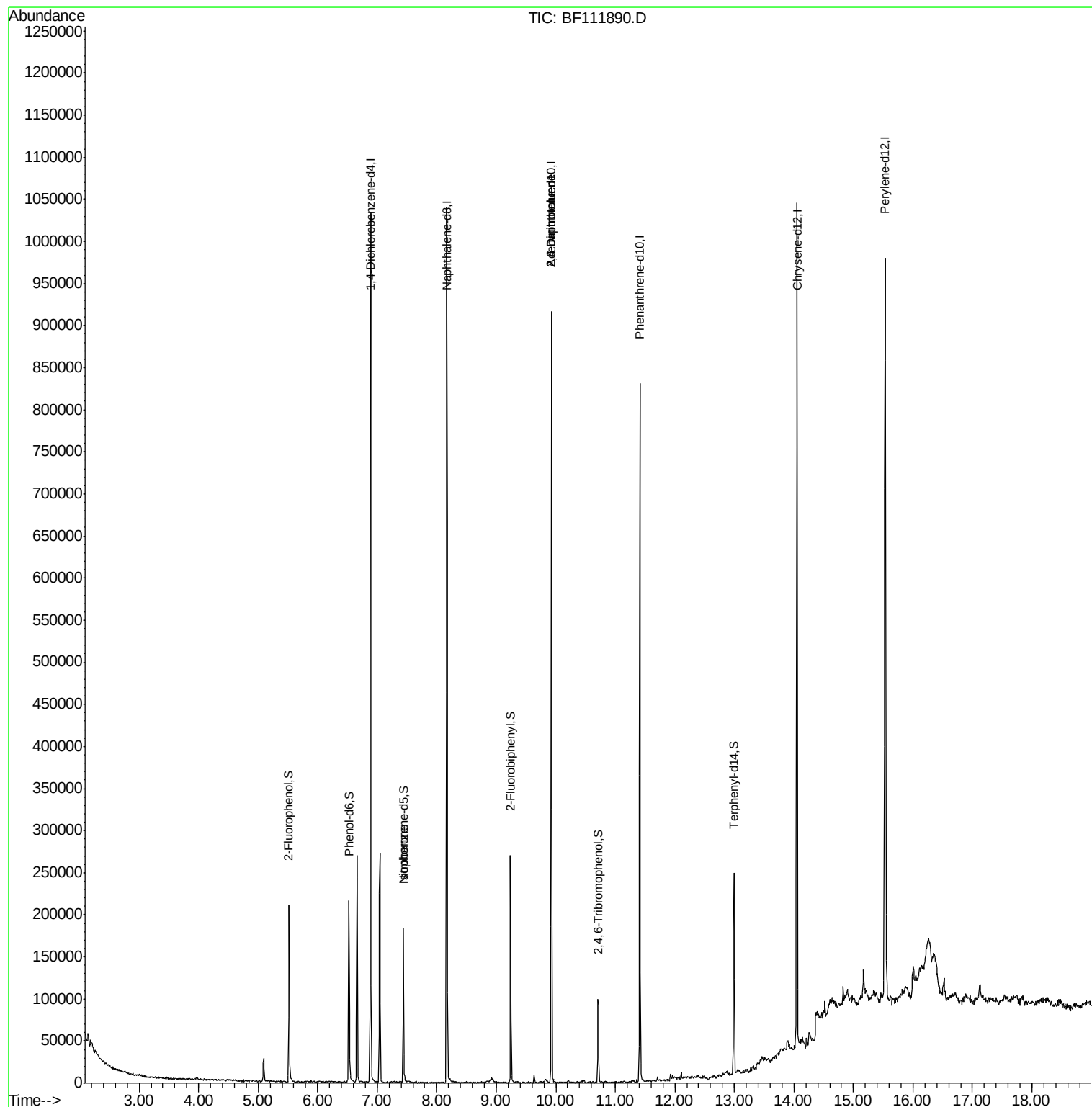
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	142486	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	428504	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	174776	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	295247	20.00	ng	0.00
76) Chrysene-d12	14.05	240	325994	20.00	ng	0.00
87) Perylene-d12	15.53	264	416700	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	57084	6.85	ng	0.00
7) Phenol-d6	6.53	99	74974	6.98	ng	0.00
23) Nitrobenzene-d5	7.44	82	54625	6.81	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	13682	6.02	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	94166	7.86	ng	0.00
79) Terphenyl-d14	12.99	244	79865	4.65	ng	0.00
Target Compounds						
9) Benzaldehyde	6.66	77	1804	Below Cal	Qvalue #	67
25) Isophorone	7.44	82	54624	4.207 ng	#	65
51) 2,6-Dinitrotoluene	9.93	165	21665	7.379 ng	#	26
57) 2,4-Dinitrotoluene	9.93	165	21665	5.711 ng	#	26

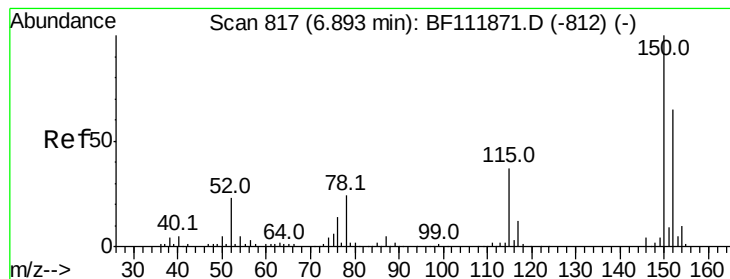
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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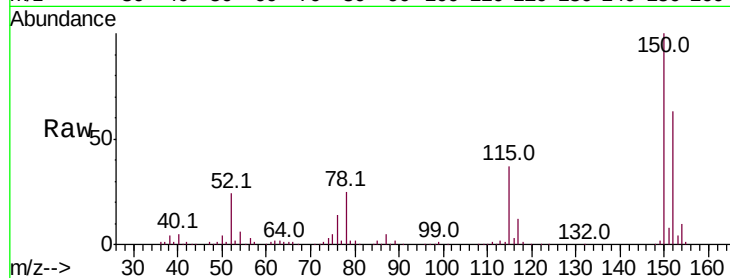


#1

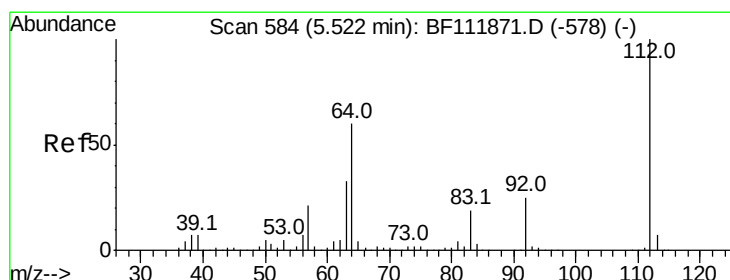
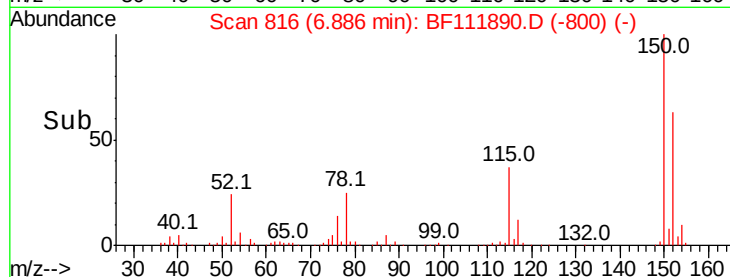
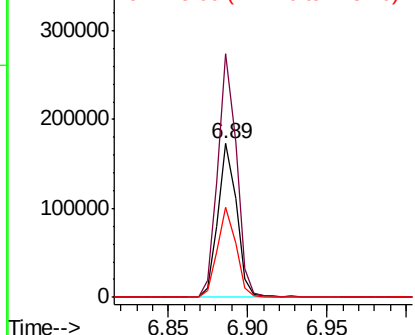
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111890.D
Acq: 7 Jan 2019 21:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142486
Ion Ratio Lower Upper
152 100
150 158.5 122.7 184.1
115 58.9 45.2 67.8



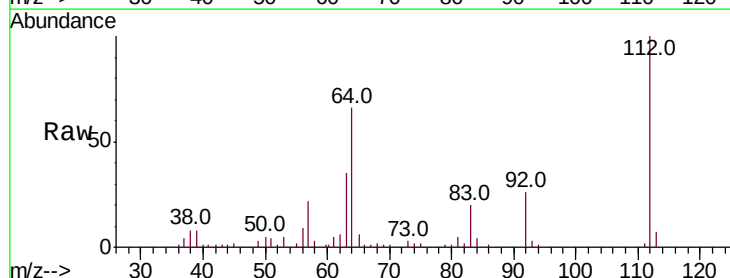
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



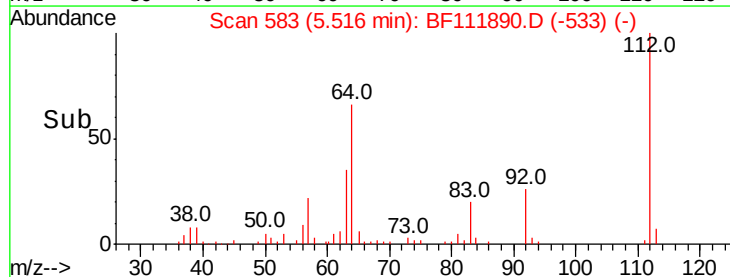
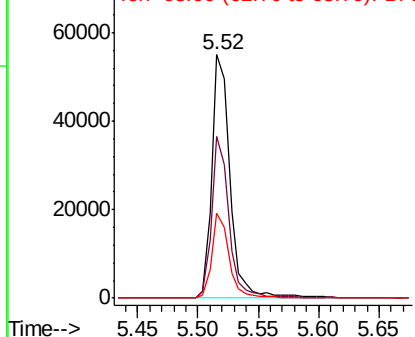
#5

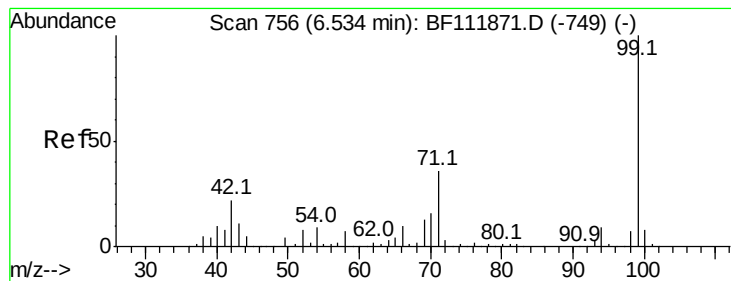
2-Fluorophenol
Concen: 6.854 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111890.D
Acq: 7 Jan 2019 21:30

Tgt Ion:112 Resp: 57084
Ion Ratio Lower Upper
112 100
64 66.3 48.3 72.5
63 34.9 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: 6.984 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111890.D

Acq: 7 Jan 2019 21:30

Instrument :

BNA_F

ClientSampleId :

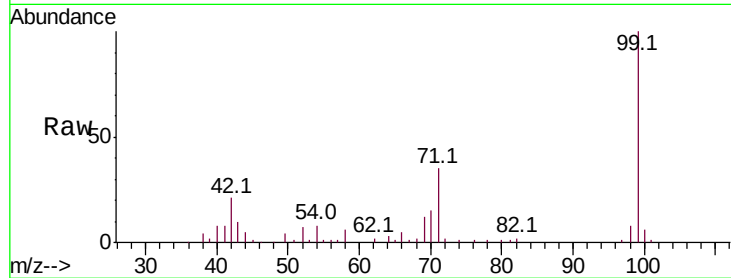
Tot Ion: 99 Resp: 74974

Ion Ratio Lower Upper

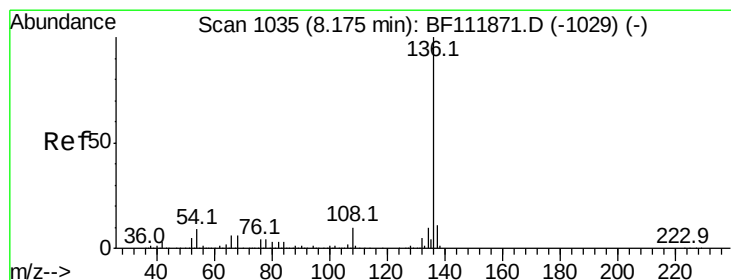
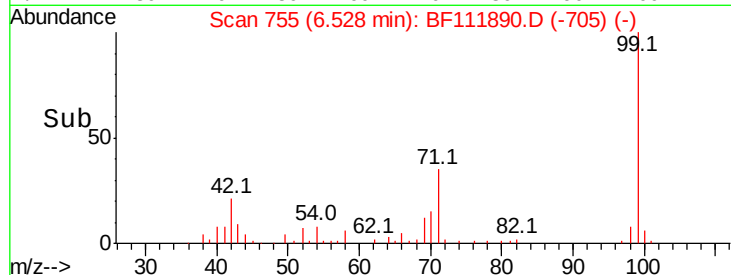
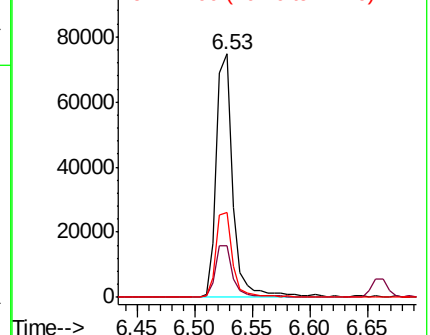
99 100

42 21.0 17.9 26.9

71 34.7 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: BF111890.D

Acq: 7 Jan 2019 21:30

Tgt Ion: 136 Resp: 428504

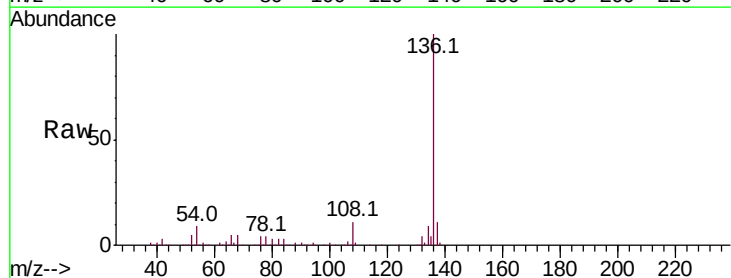
Ion Ratio Lower Upper

136 100

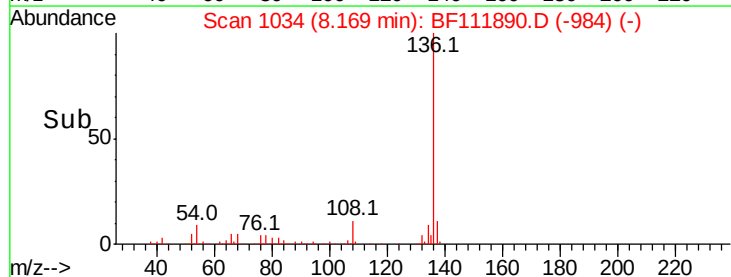
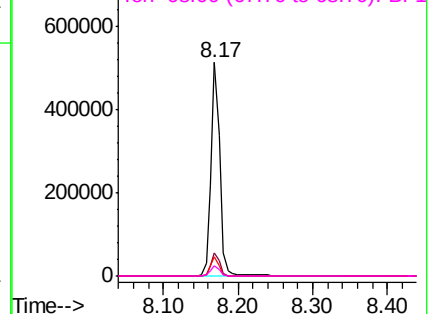
137 10.7 9.1 13.7

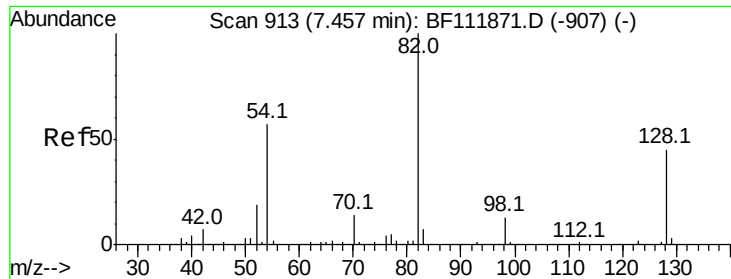
54 8.9 7.2 10.8

68 5.0 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

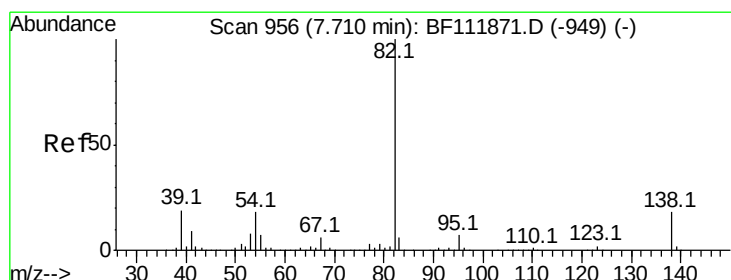
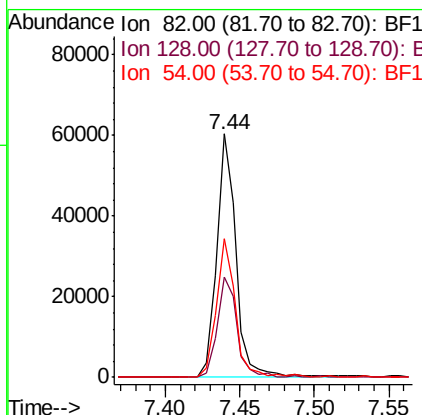
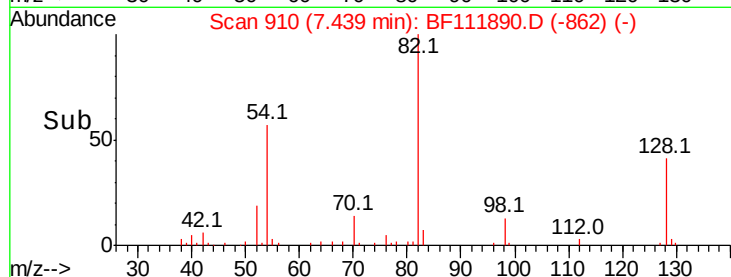
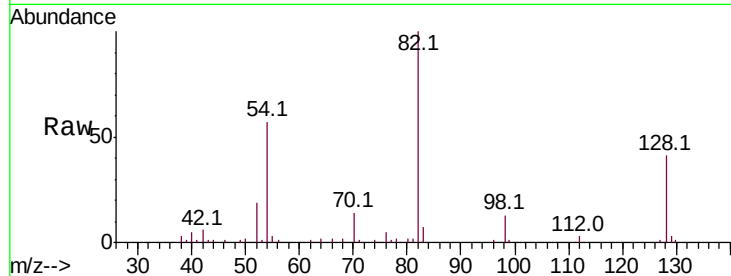




#23
Nitrobenzene-d5
Concen: 6.813 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111890.D
Acq: 7 Jan 2019 21:30

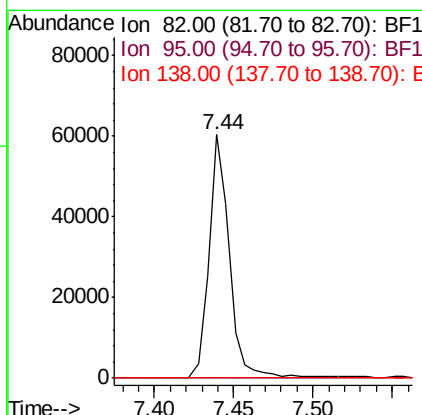
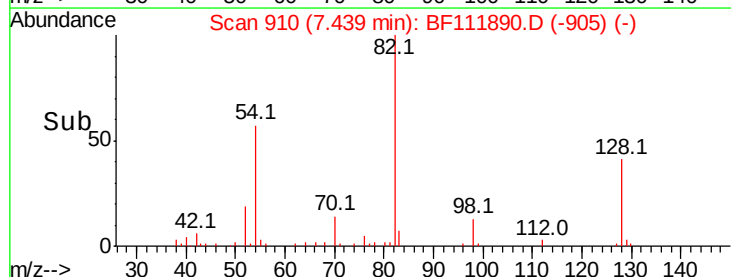
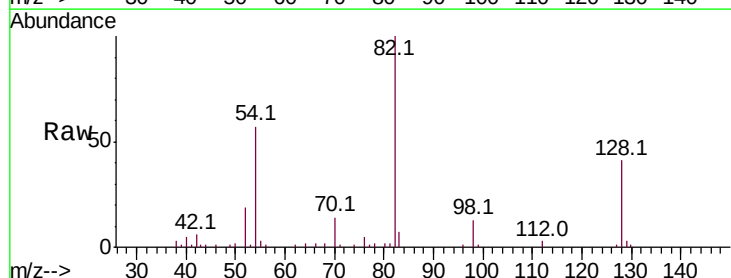
Instrument :
BNA_F
ClientSampleId :

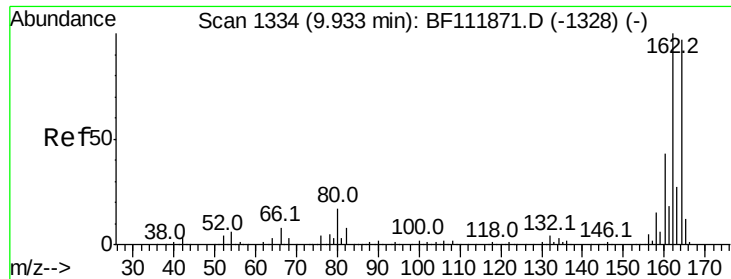
Tot Ion: 82 Resp: 54625
Ion Ratio Lower Upper
82 100
128 41.1 35.7 53.5
54 57.0 45.8 68.8



#25
Isophorone
Concen: 4.207 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF111890.D
Acq: 7 Jan 2019 21:30

Tgt Ion: 82 Resp: 54624
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.4 21.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF111890.D

Acq: 7 Jan 2019 21:30

Instrument :

BNA_F

ClientSampleId :

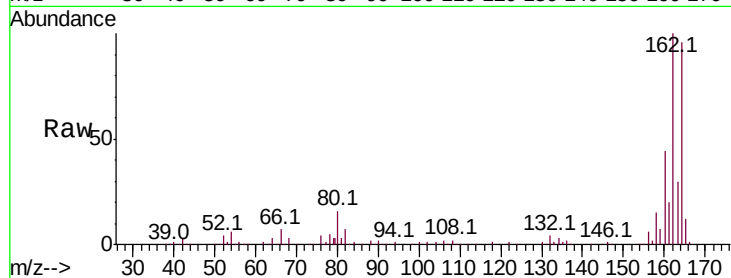
Tot Ion:164 Resp: 174776

Ion Ratio Lower Upper

164 100

162 103.6 82.2 123.2

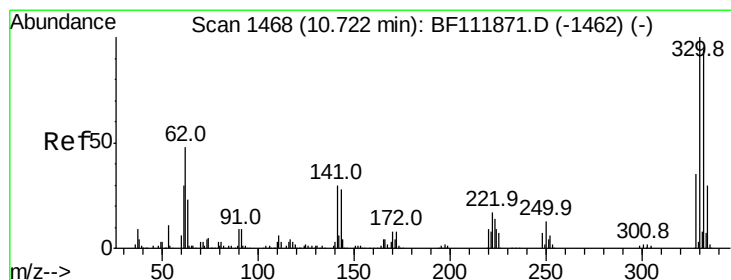
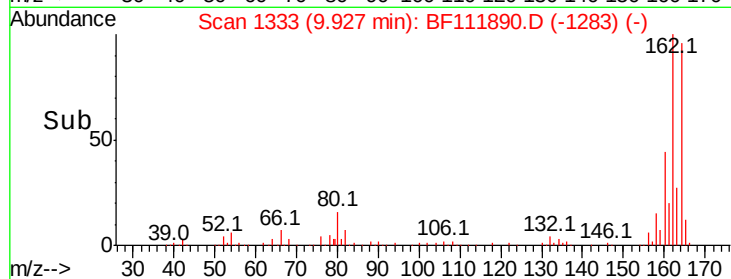
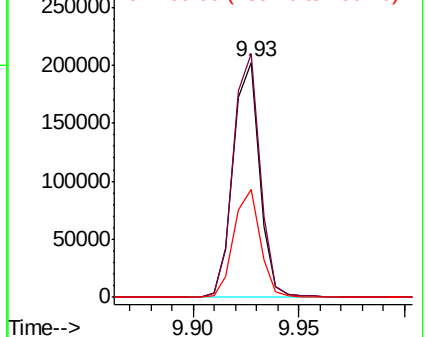
160 45.8 35.5 53.3



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: 6.019 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111890.D

Acq: 7 Jan 2019 21:30

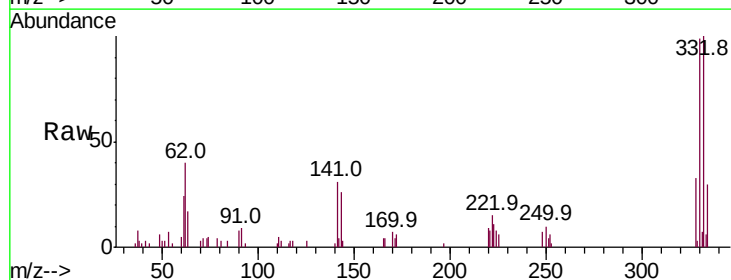
Tgt Ion:330 Resp: 13682

Ion Ratio Lower Upper

330 100

332 94.7 76.9 115.3

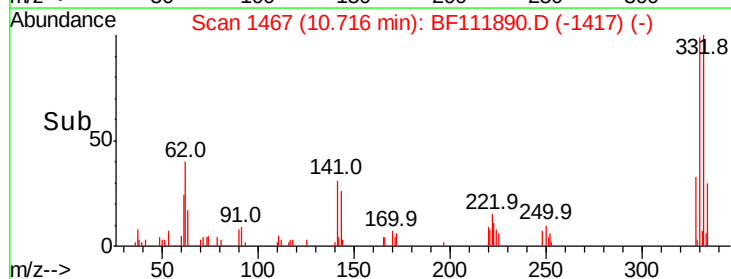
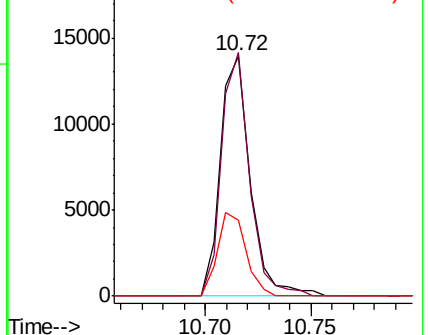
141 33.1 23.7 35.5

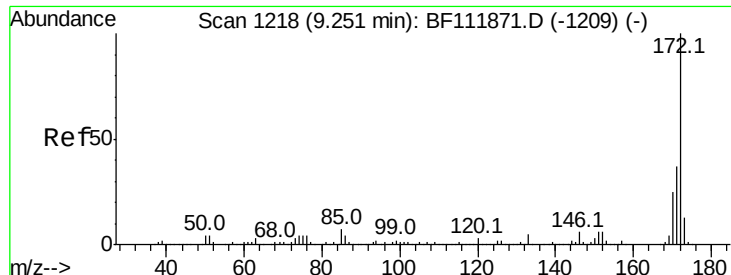


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

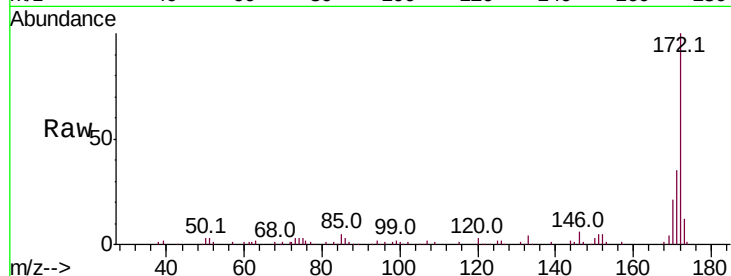




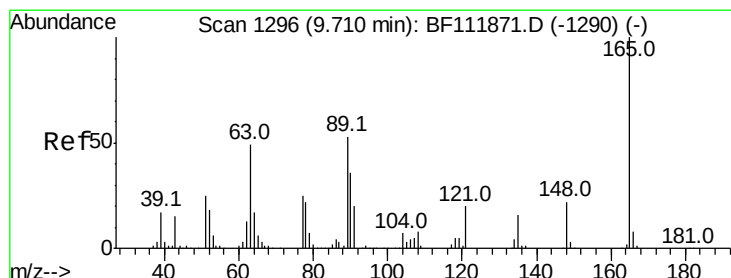
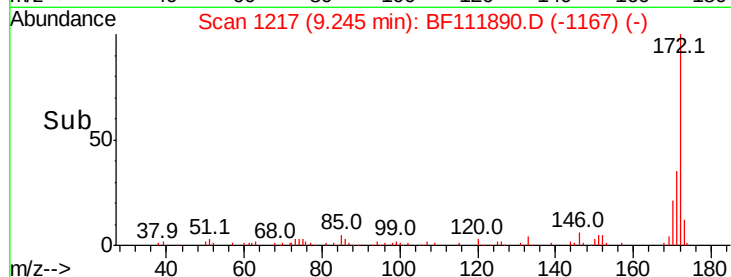
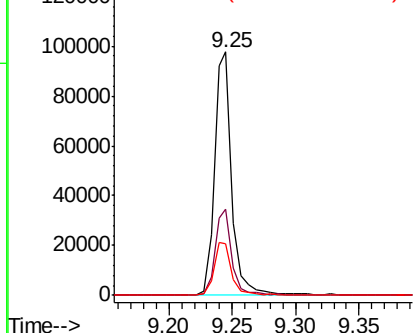
#45
2-Fluorobiphenyl
Concen: 7.857 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111890.D
Acq: 7 Jan 2019 21:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 94166
Ion Ratio Lower Upper
172 100
171 35.1 29.6 44.4
170 21.1 19.8 29.8

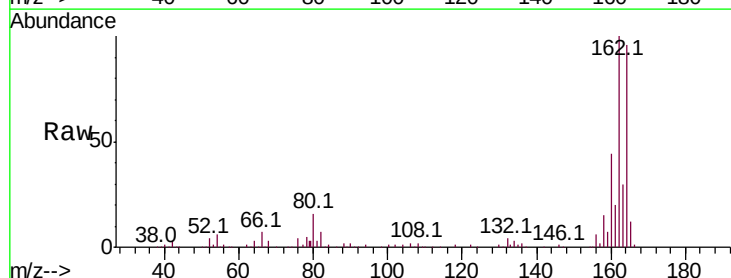


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

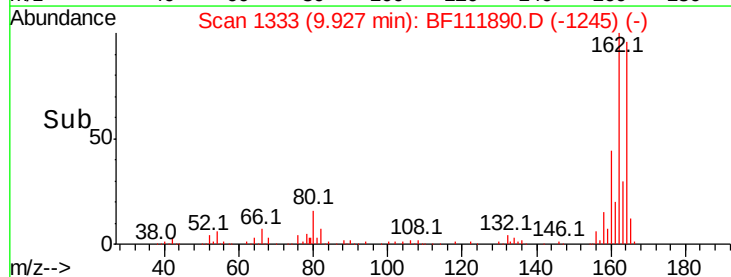
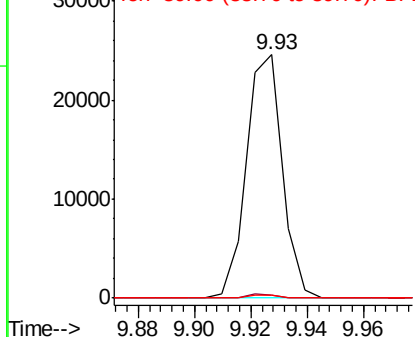


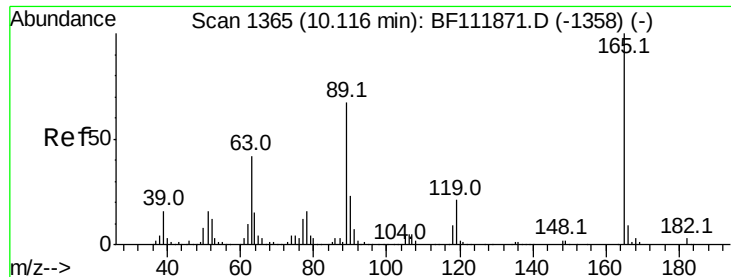
#51
2,6-Dinitrotoluene
Concen: 7.379 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF111890.D
Acq: 7 Jan 2019 21:30

Tgt Ion:165 Resp: 21665
Ion Ratio Lower Upper
165 100
63 1.4 46.2 69.2#
89 1.5 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

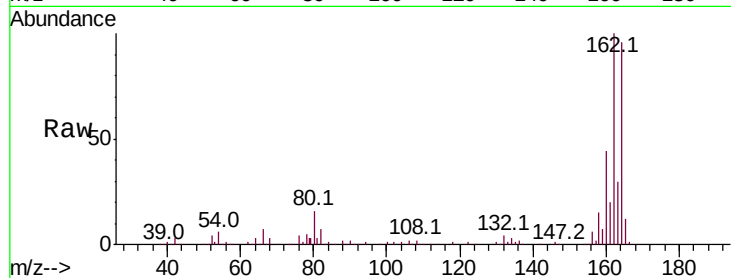




#57
2,4-Dinitrotoluene
Concen: 5.711 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF111890.D
Acq: 7 Jan 2019 21:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.1	51.1#
89	1.5	53.5	80.3#
182	0.0	2.0	3.0#

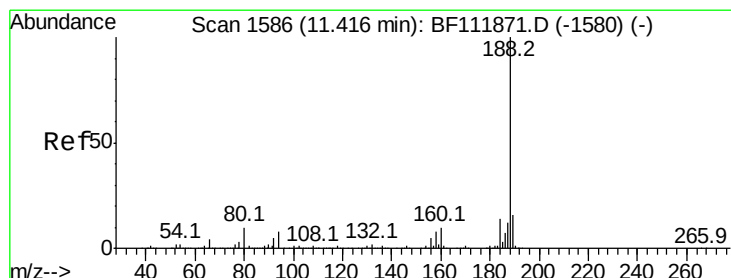
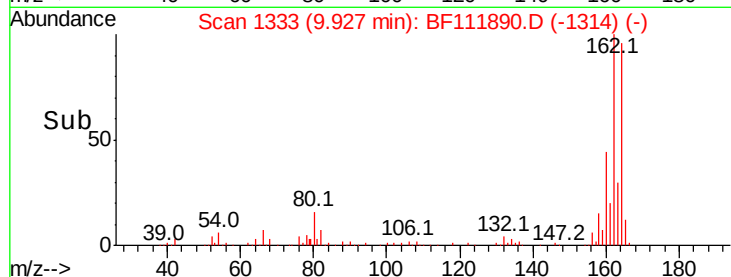
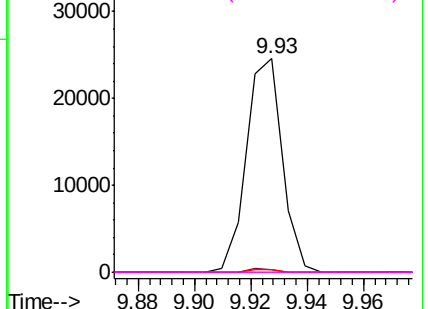


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

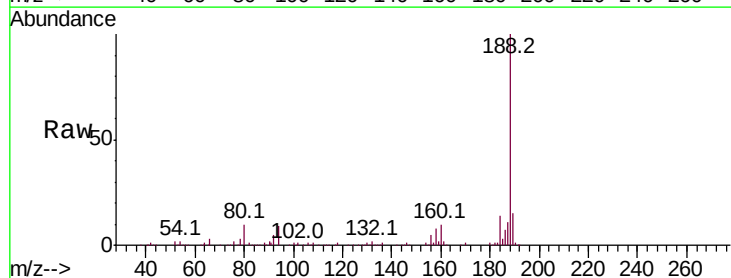
Ion 89.00 (88.70 to 89.70): BF1

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: BF111890.D
Acq: 7 Jan 2019 21:30

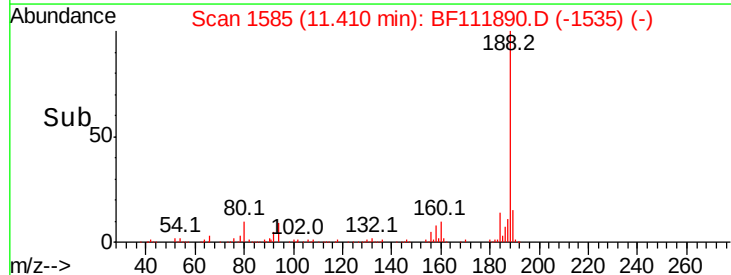
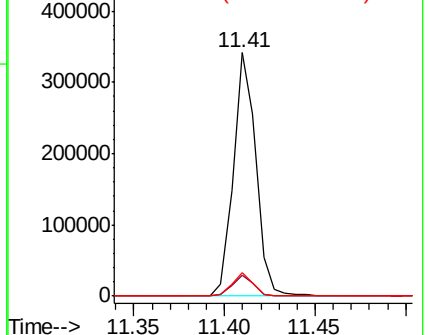
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.5	7.7	11.5

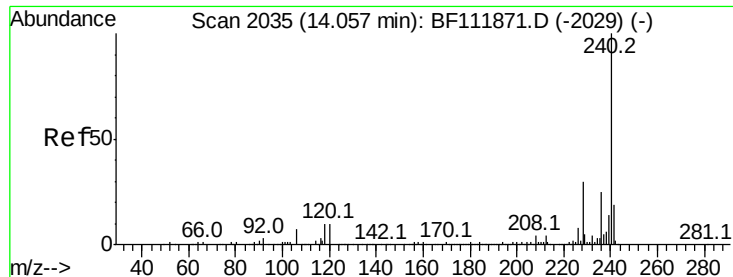


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF111890.D

Acq: 7 Jan 2019 21:30

Instrument :

BNA_F

ClientSampleId :

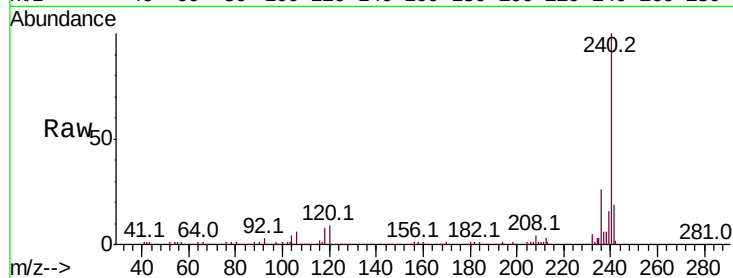
Tot Ion:240 Resp: 325994

Ion Ratio Lower Upper

240 100

120 9.1 8.2 12.2

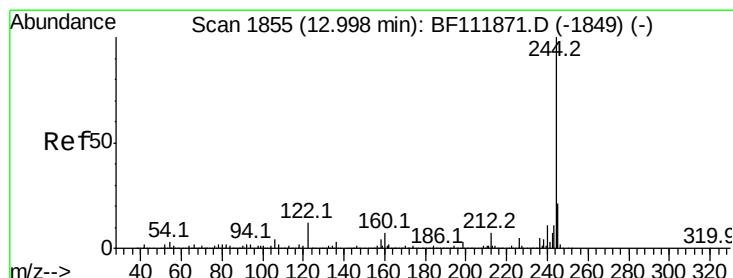
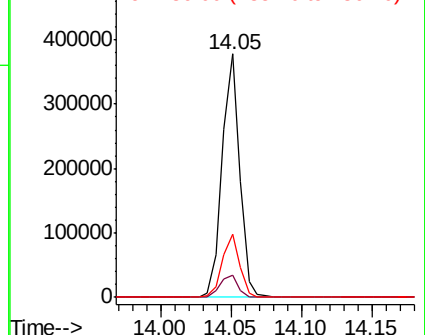
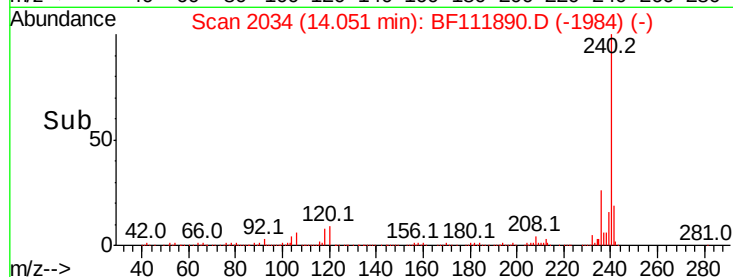
236 25.7 20.2 30.4



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



#79

Terphenyl-d14

Concen: 4.650 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111890.D

Acq: 7 Jan 2019 21:30

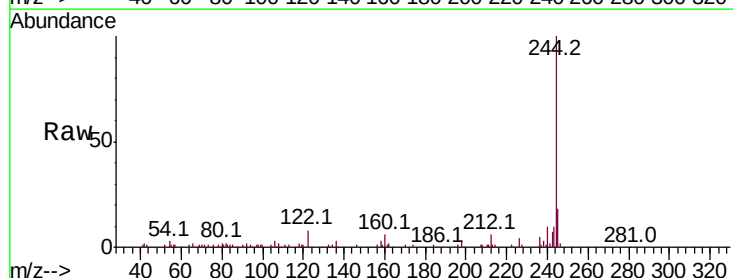
Tgt Ion:244 Resp: 79865

Ion Ratio Lower Upper

244 100

212 6.0 5.8 8.8

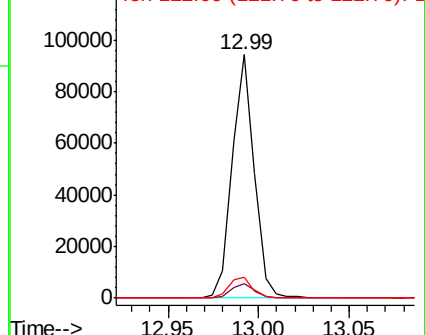
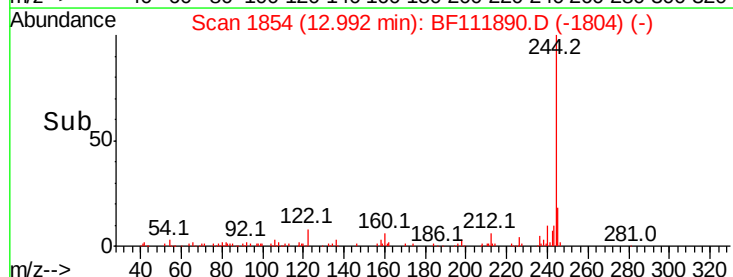
122 8.4 9.5 14.3#

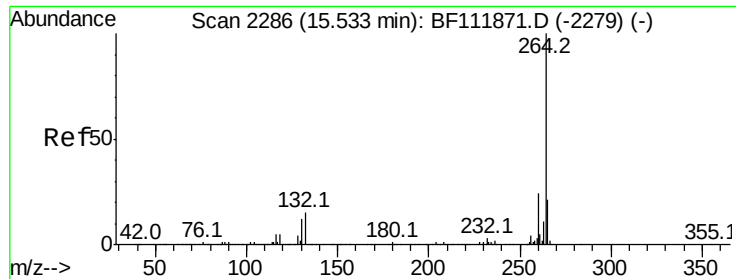


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF111890.D
Acq: 7 Jan 2019 21:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.3	17.1	25.7

