

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121517\
 Data File : BF101470.D
 Acq On : 16 Dec 2017 4:23
 Operator : SJ/JU
 Sample : I6882-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 16 04:58:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

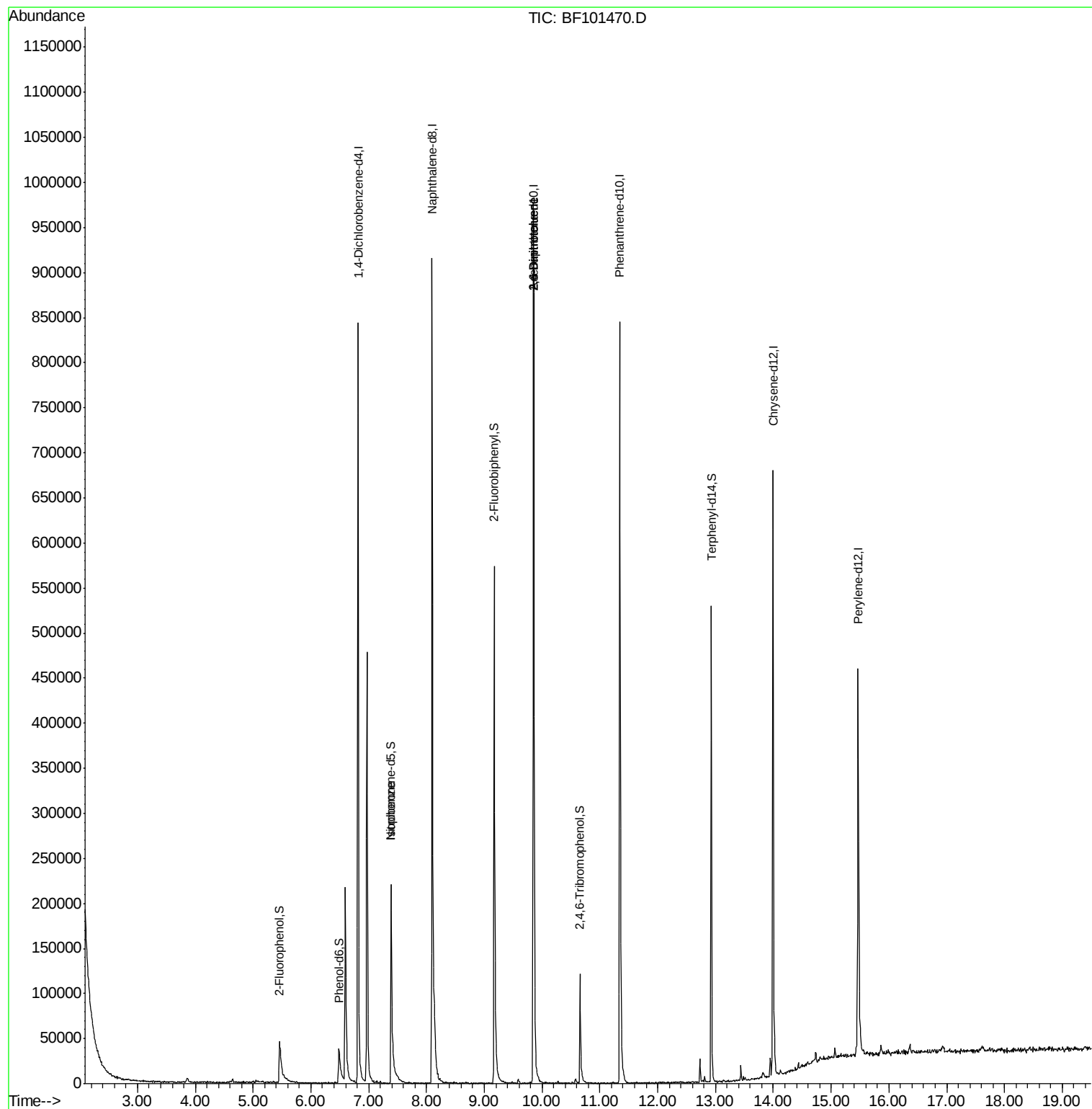
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	150290	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	602088	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	244510	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	404128	20.00	ng	0.00
75) Chrysene-d12	14.00	240	287203	20.00	ng	0.00
86) Perylene-d12	15.47	264	252471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	40155	3.98	ng	0.03
7) Phenol-d6	6.48	99	34777	2.77	ng	0.02
23) Nitrobenzene-d5	7.39	82	134017	12.39	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	21633	9.18	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	275947	17.51	ng	0.00
78) Terphenyl-d14	12.93	244	192551	16.16	ng	0.00
Target Compounds						
25) Isophorone	7.39	82	134017	6.177	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	30292	7.578	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	30292	6.726	ng	# 23

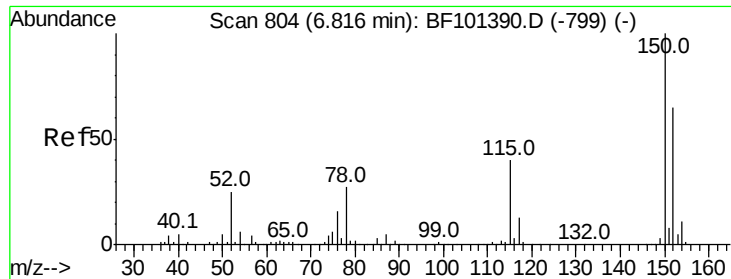
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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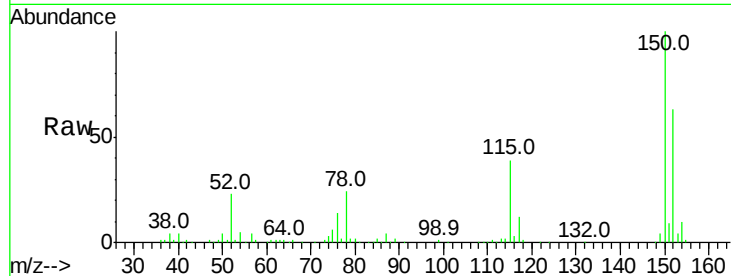


#1

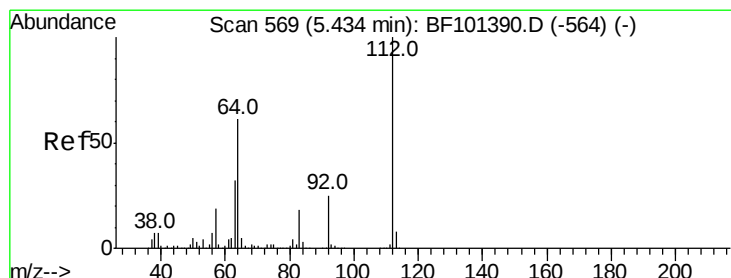
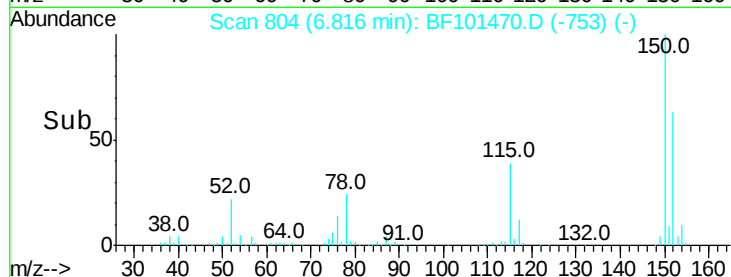
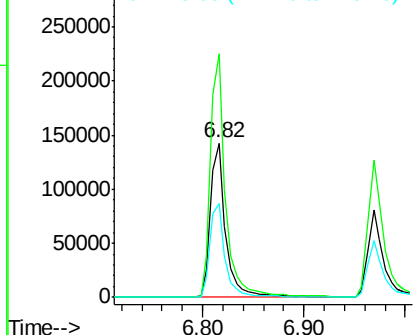
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101470.D
Acq: 16 Dec 2017 4:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 150290
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 61.1 50.1 75.1



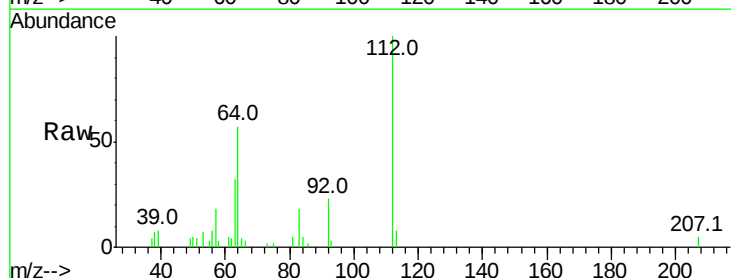
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



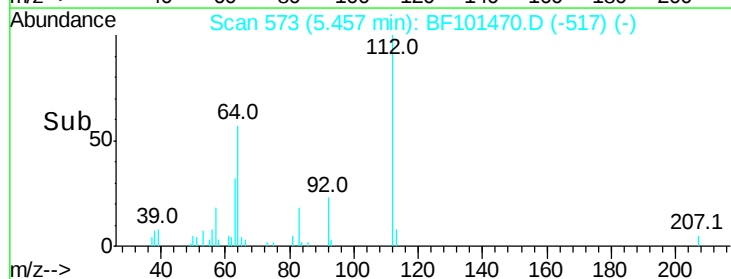
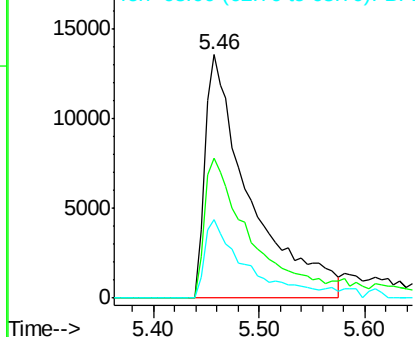
#5

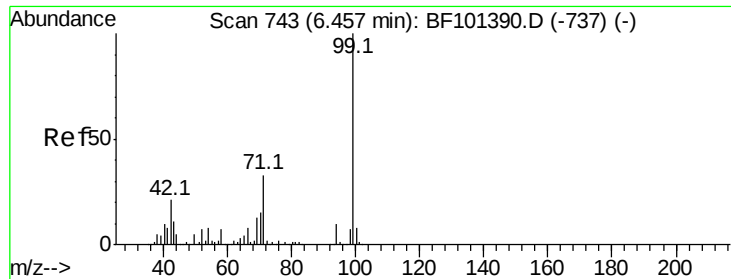
2-Fluorophenol
Concen: 3.980 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.03 min
Lab File: BF101470.D
Acq: 16 Dec 2017 4:23

Tgt Ion:112 Resp: 40155
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 32.4 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: 2.770 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF101470.D

Acq: 16 Dec 2017 4:23

Instrument :

BNA_F

ClientSampleId :

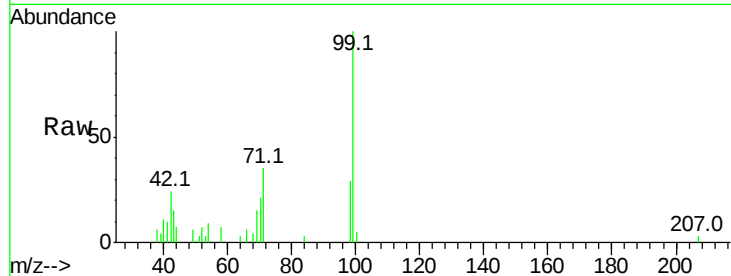
Tot Ion: 99 Resp: 34777

Ion Ratio Lower Upper

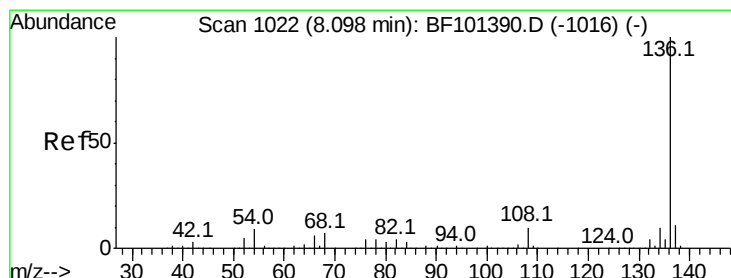
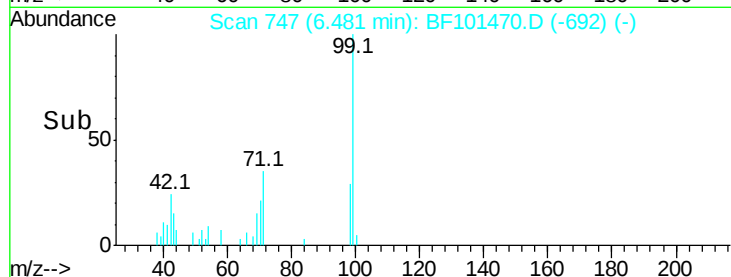
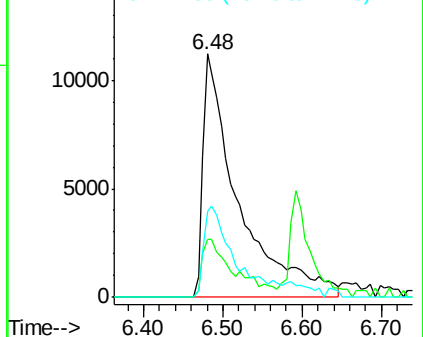
99 100

42 23.9 14.5 21.7#

71 35.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF101470.D

Acq: 16 Dec 2017 4:23

Tgt Ion: 136 Resp: 602088

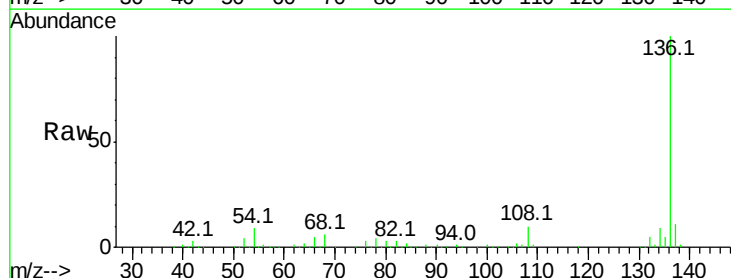
Ion Ratio Lower Upper

136 100

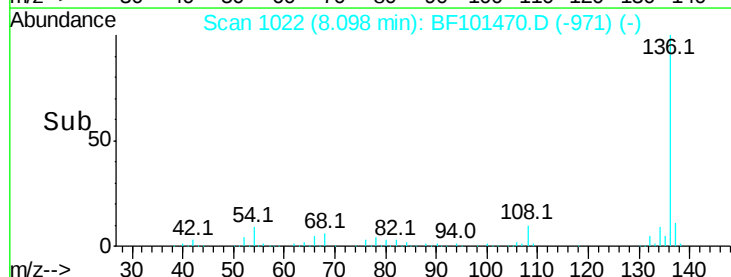
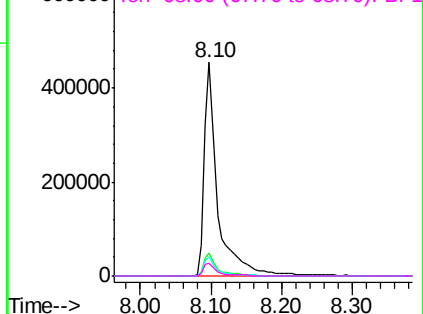
137 11.0 8.9 13.3

54 8.9 6.6 9.8

68 6.2 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

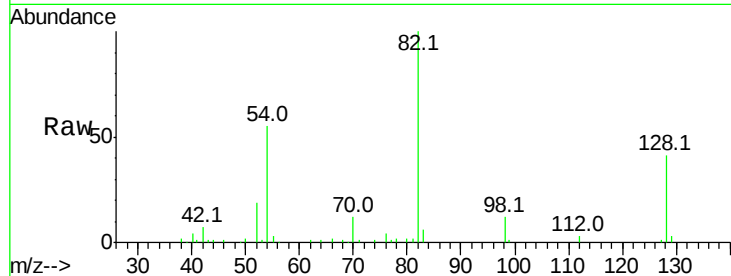




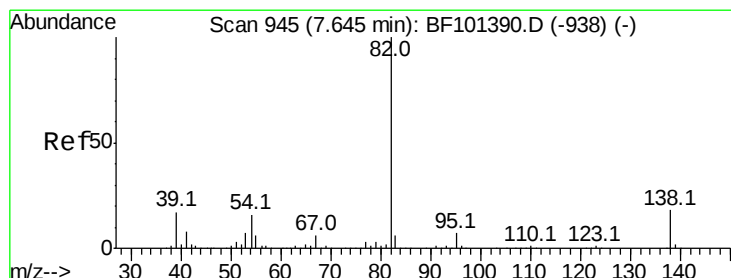
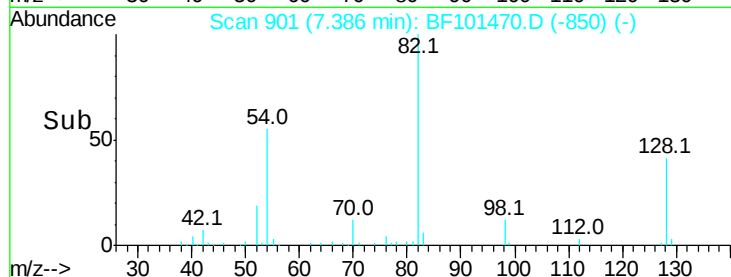
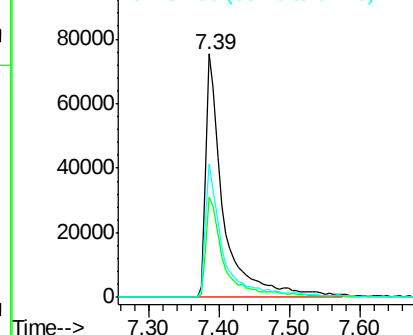
#23
Nitrobenzene-d5
Concen: 12.390 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF101470.D
Acq: 16 Dec 2017 4:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	134017
Ion Ratio	100	Lower	Upper
128	41.2	36.1	54.1
54	54.6	41.4	62.2

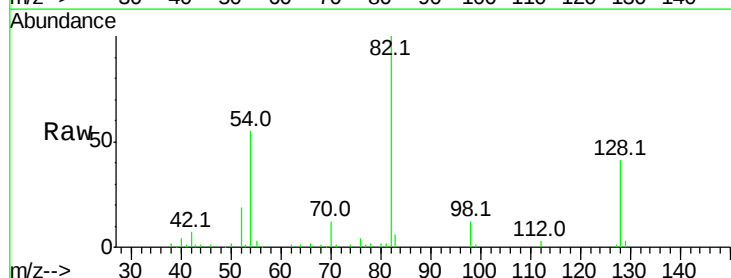


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

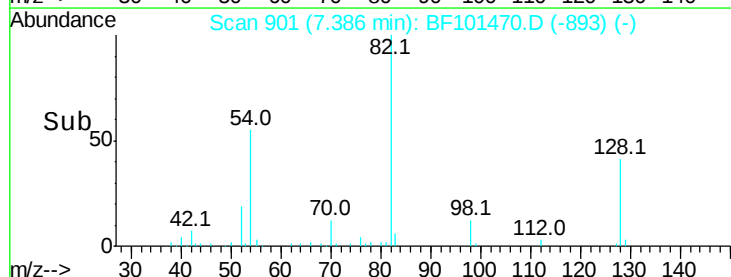
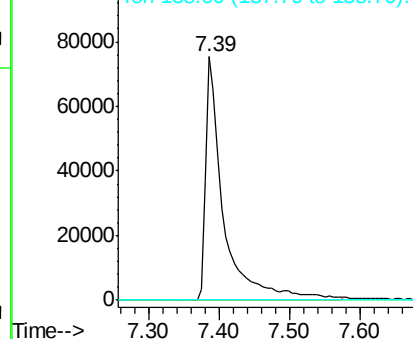


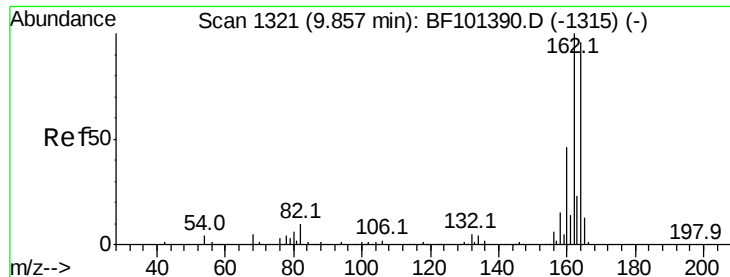
#25
Isophorone
Concen: 6.177 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.25 min
Lab File: BF101470.D
Acq: 16 Dec 2017 4:23

Tgt Ion	82	Resp	134017
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



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

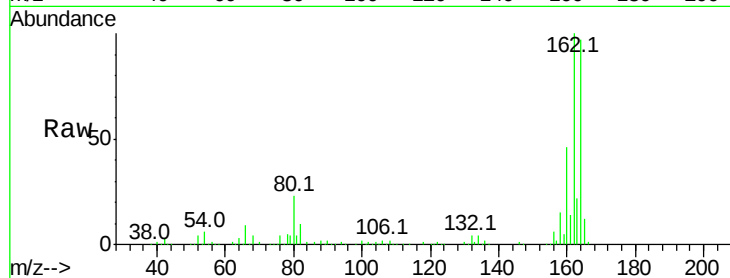




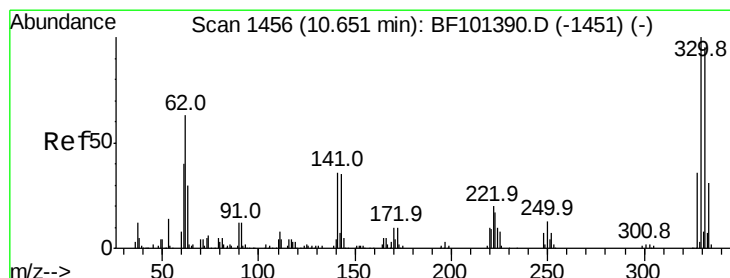
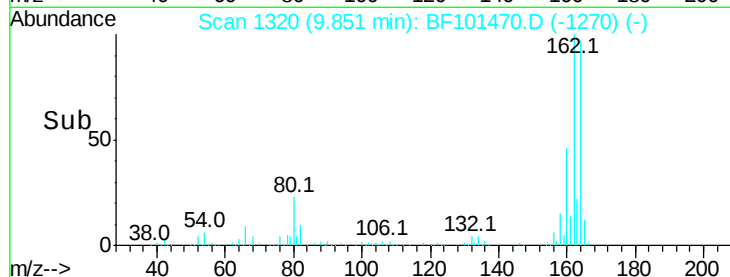
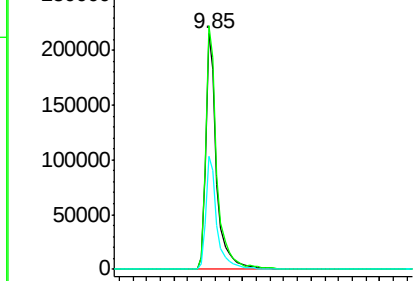
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF101470.D
 Acq: 16 Dec 2017 4:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	48.0	38.3	57.5

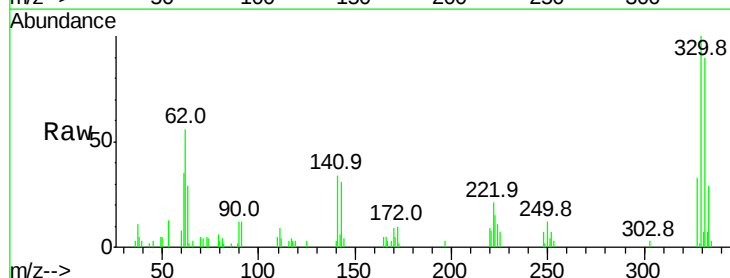


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

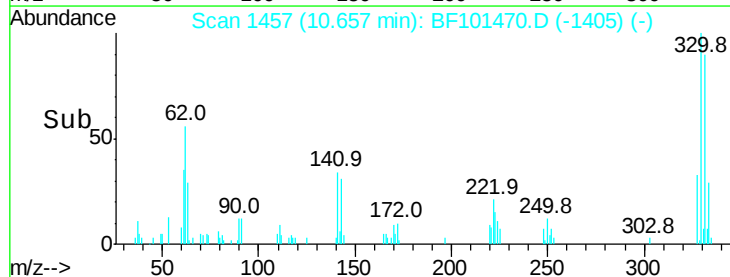
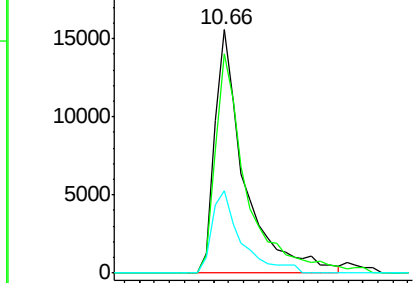


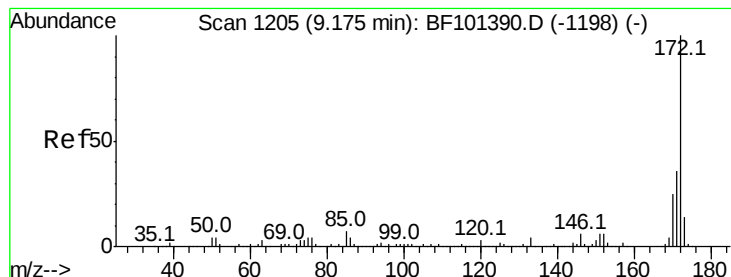
#41
 2,4,6-Tribromophenol
 Concen: 9.182 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.01 min
 Lab File: BF101470.D
 Acq: 16 Dec 2017 4:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	33.0	29.9	44.9



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





#44

2-Fluorobiphenyl

Concen: 17.507 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF101470.D

Acq: 16 Dec 2017 4:23

Instrument :

BNA_F

ClientSampleId :

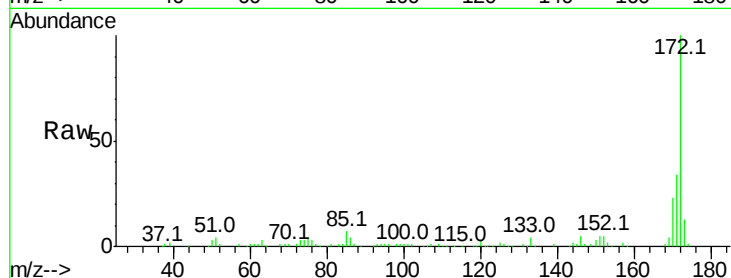
Tot Ion:172 Resp: 275947

Ion Ratio Lower Upper

172 100

171 34.0 29.7 44.5

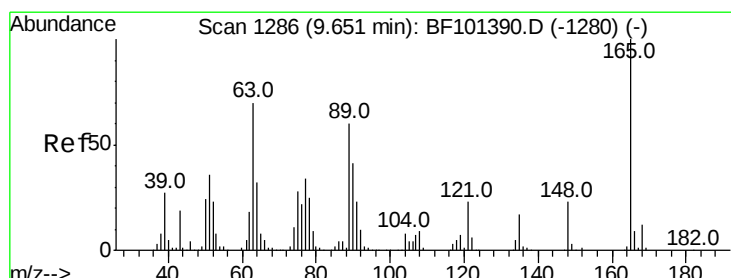
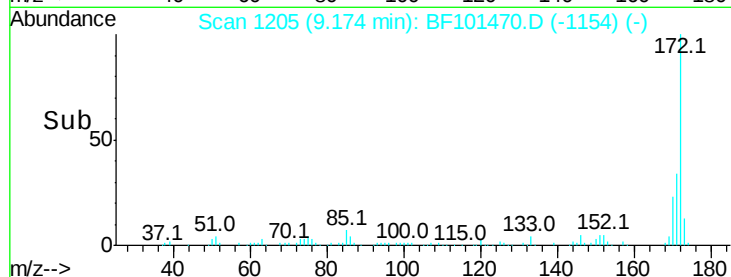
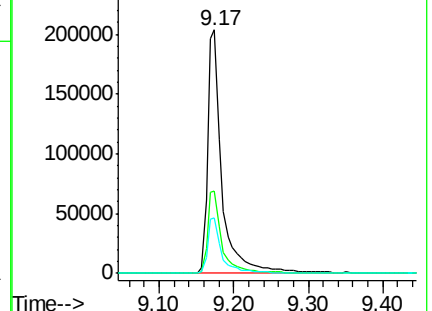
170 22.9 19.6 29.4



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



#50

2,6-Dinitrotoluene

Concen: 7.578 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.20 min

Lab File: BF101470.D

Acq: 16 Dec 2017 4:23

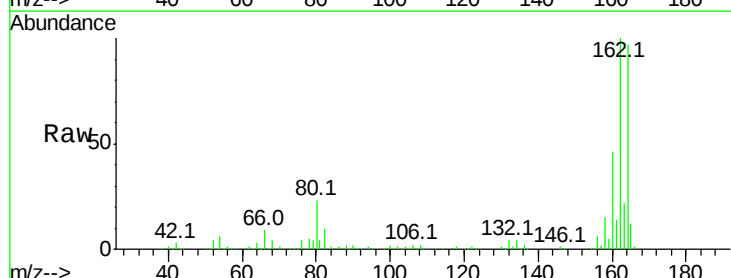
Tgt Ion:165 Resp: 30292

Ion Ratio Lower Upper

165 100

63 1.8 44.7 67.1#

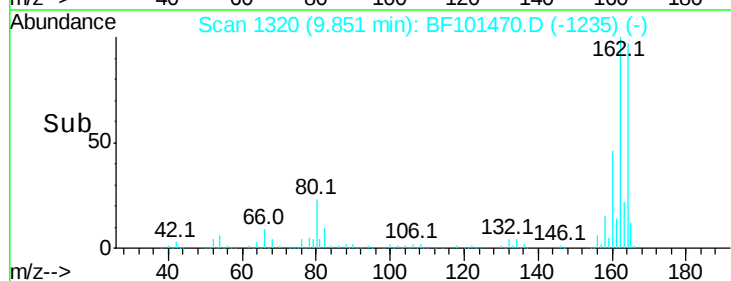
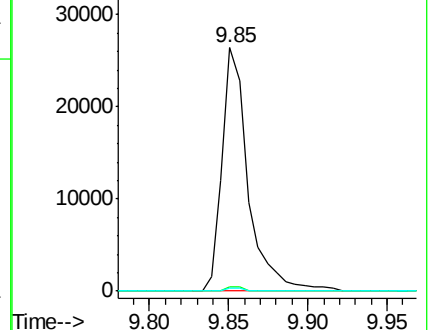
89 1.5 44.0 66.0#

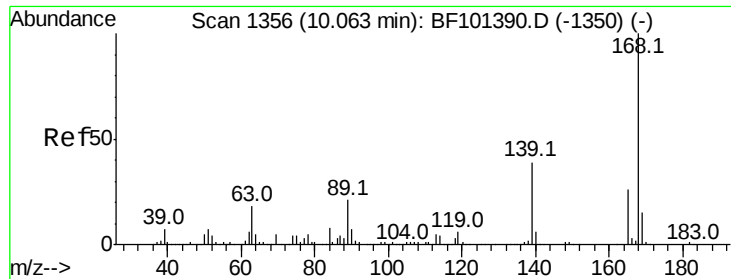


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

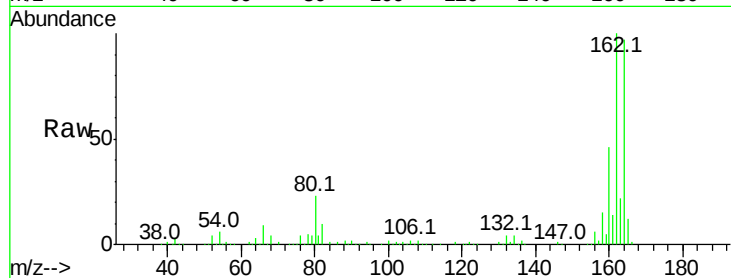




#56
 2,4-Dinitrotoluene
 Concen: 6.726 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.21 min
 Lab File: BF101470.D
 Acq: 16 Dec 2017 4:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

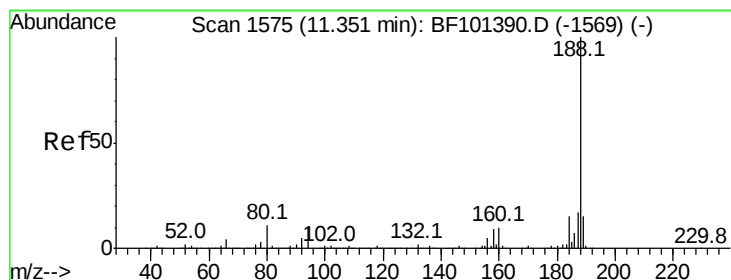
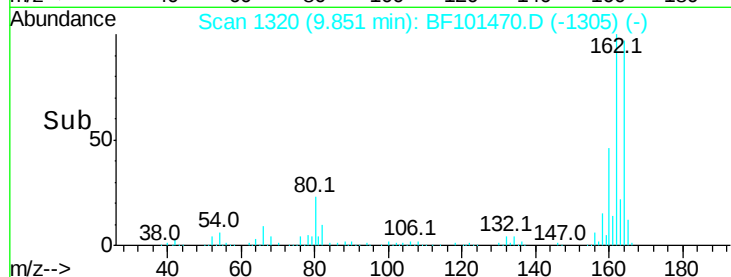
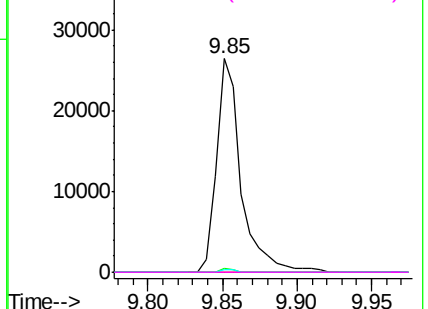


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

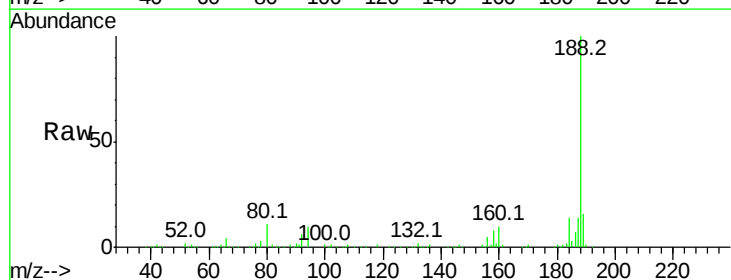
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: BF101470.D
 Acq: 16 Dec 2017 4:23

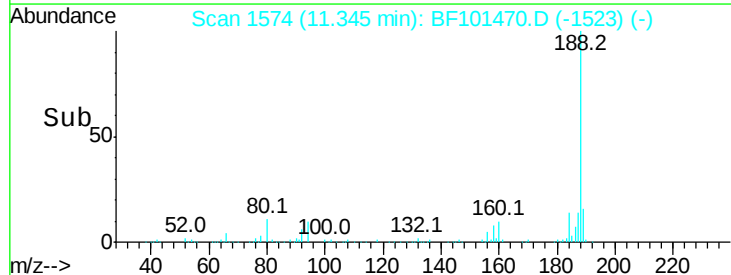
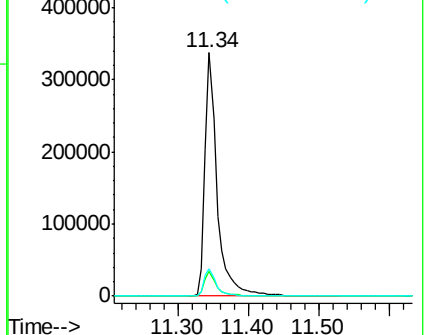
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.4	9.2	13.8

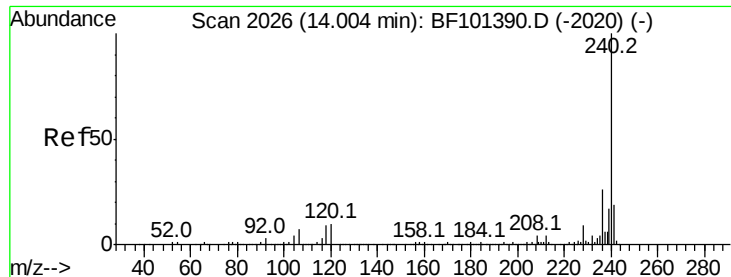


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF101470.D

Acq: 16 Dec 2017 4:23

Instrument :

BNA_F

ClientSampleId :

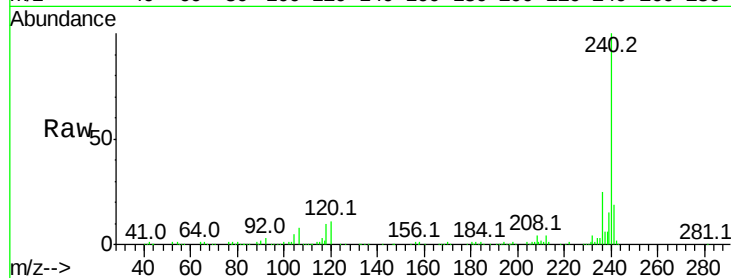
Tot Ion:240 Resp: 287203

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

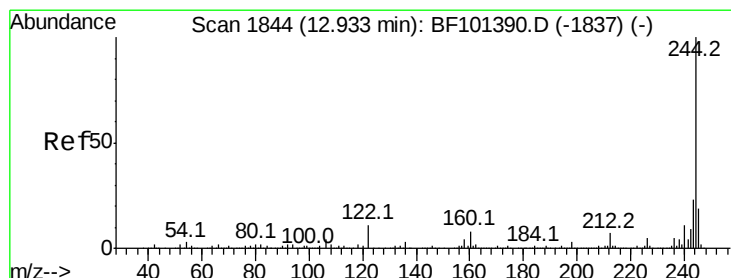
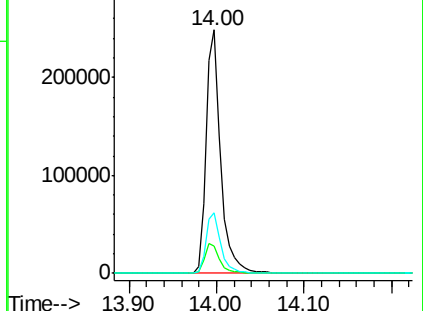
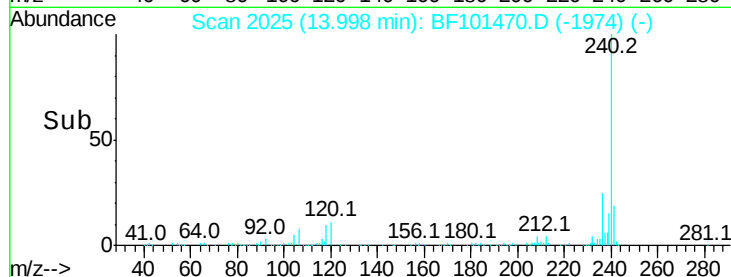
236 25.1 20.7 31.1



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: 16.163 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF101470.D

Acq: 16 Dec 2017 4:23

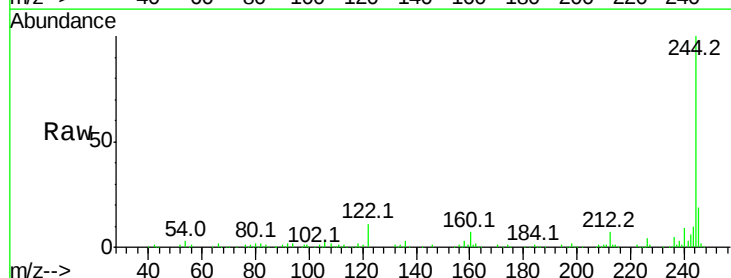
Tgt Ion:244 Resp: 192551

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

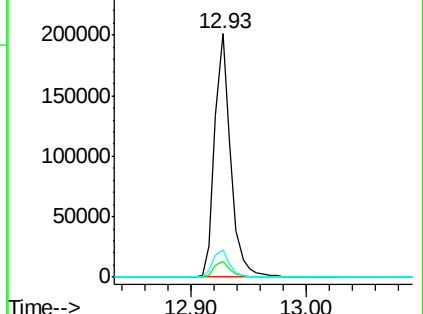
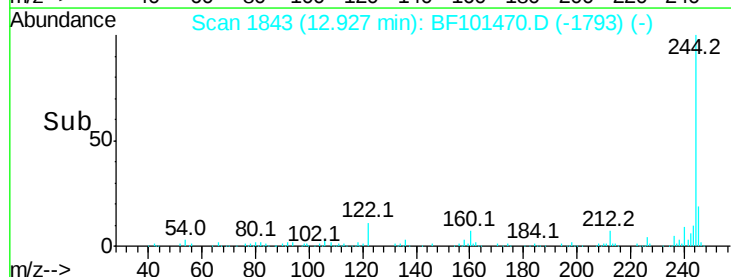
122 11.4 11.0 16.4

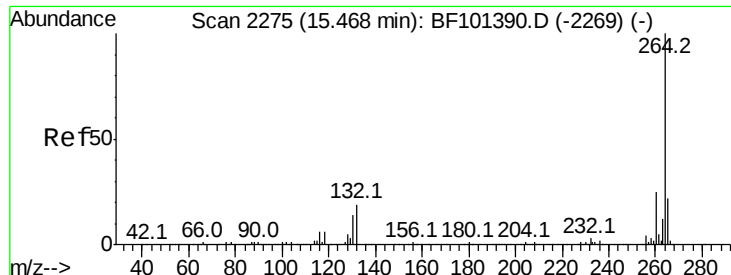


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BF101470.D

Acq: 16 Dec 2017 4:23

Instrument :

BNA_F

ClientSampleId :

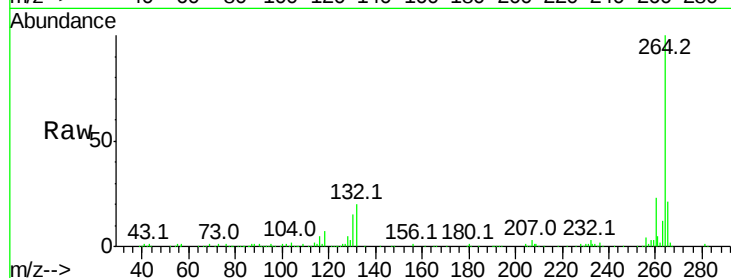
Tot Ion:264 Resp: 252471

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.5 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

