

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
 Data File : BF101933.D
 Acq On : 5 Jan 2018 16:48
 Operator : SJ/JU
 Sample : J1032-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-4

Quant Time: Jan 05 17:48:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

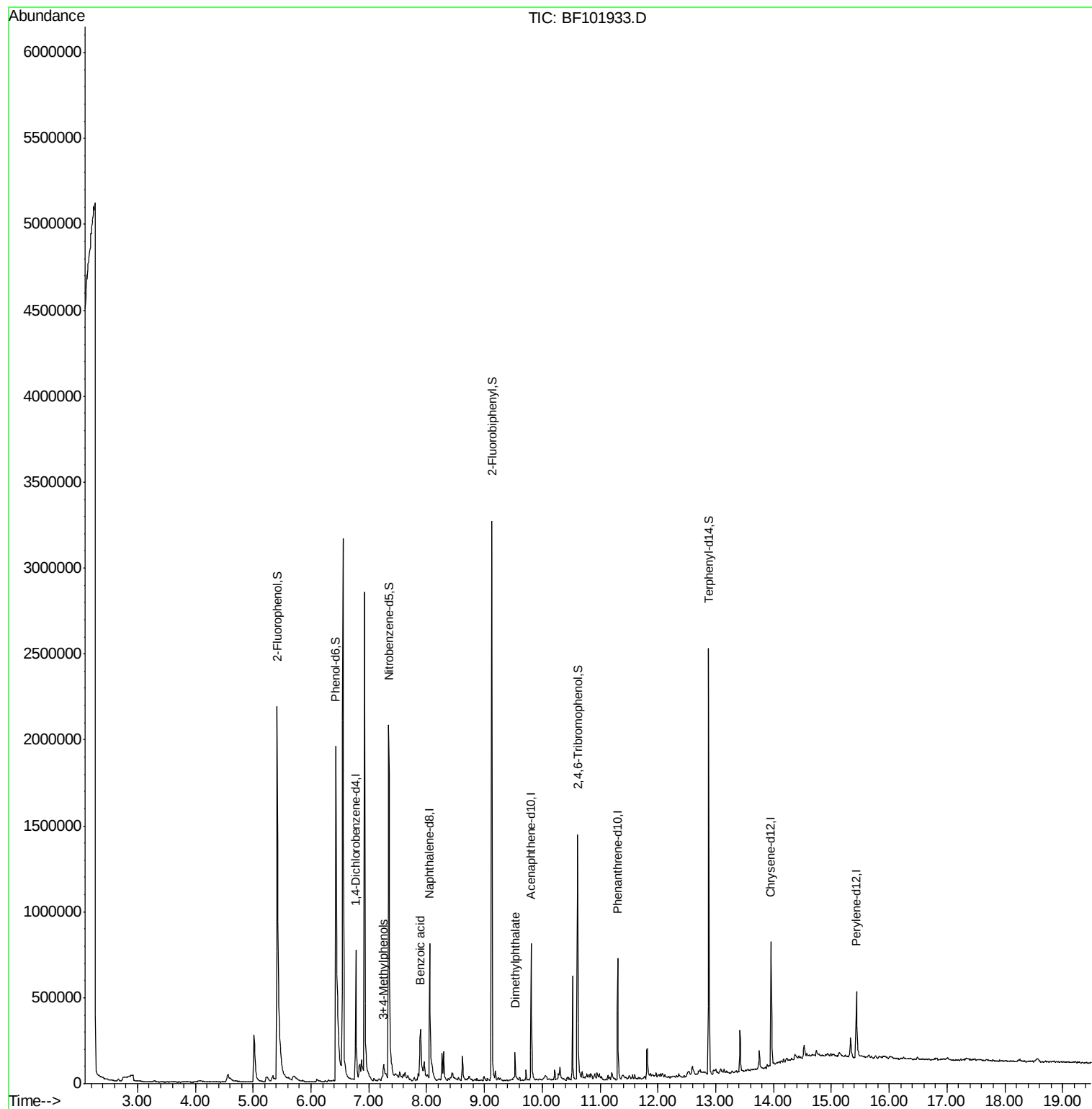
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	127273	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	467458	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	159935	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	256834	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	271310	20.00	ng	-0.02
86) Perylene-d12	15.43	264	217513	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1148146	134.38	ng	0.01
7) Phenol-d6	6.43	99	1213477	114.12	ng	0.00
23) Nitrobenzene-d5	7.35	82	875539	104.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	178596	115.89	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1123379	108.96	ng	-0.01
78) Terphenyl-d14	12.88	244	901234	80.08	ng	-0.02
Target Compounds						
20) 3+4-Methylphenols	7.25	107	47035	5.369	ng	89
32) Benzoic acid	7.89	122	119073	29.692	ng	96
49) Dimethylphthalate	9.53	163	66712	5.186	ng	99

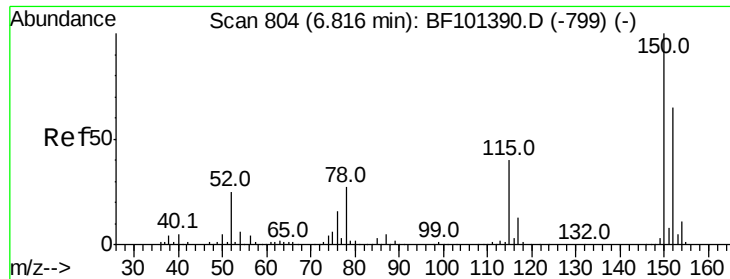
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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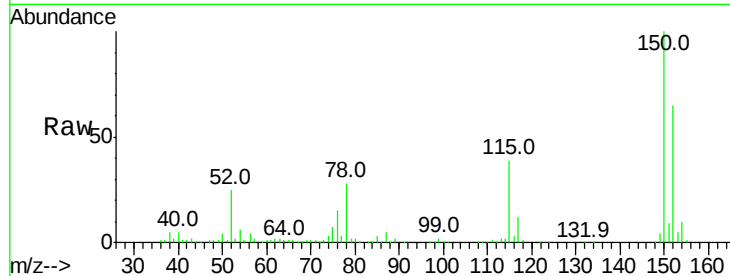


#1

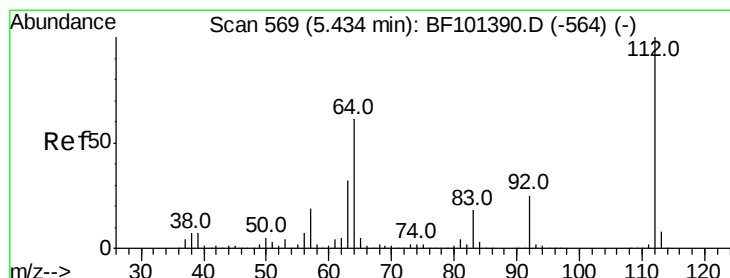
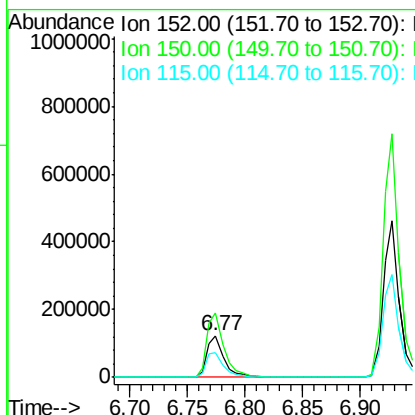
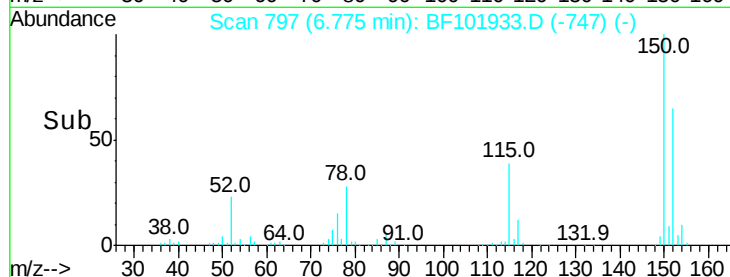
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF101933.D
 Acq: 5 Jan 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 OWS-4

Tot Ion:152 Resp: 127273
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.6 186.8
 115 60.5 50.1 75.1



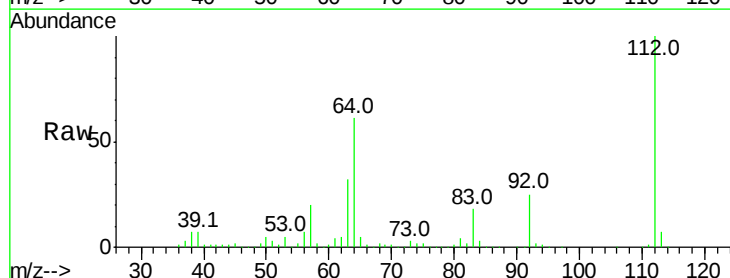
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



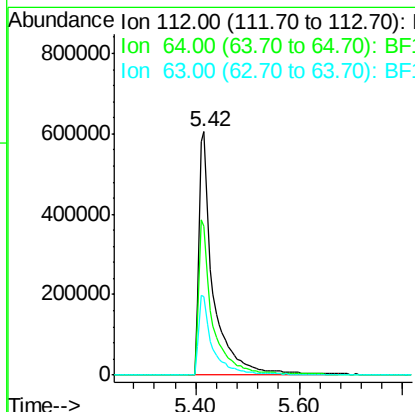
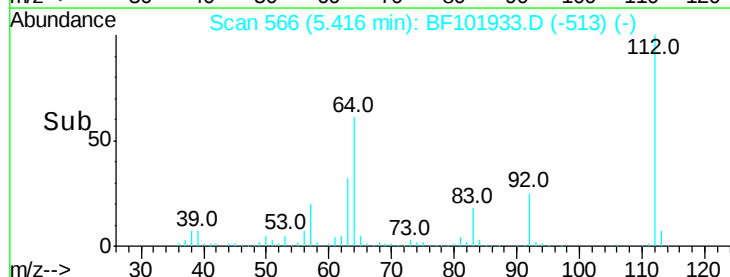
#5

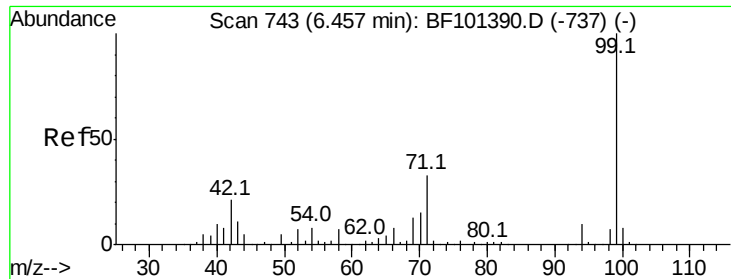
2-Fluorophenol
 Concen: 134.377 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101933.D
 Acq: 5 Jan 2018 16:48

Tgt Ion:112 Resp: 1148146
 Ion Ratio Lower Upper
 112 100
 64 61.2 47.9 71.9
 63 32.3 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: 114.117 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101933.D

Acq: 5 Jan 2018 16:48

Instrument :

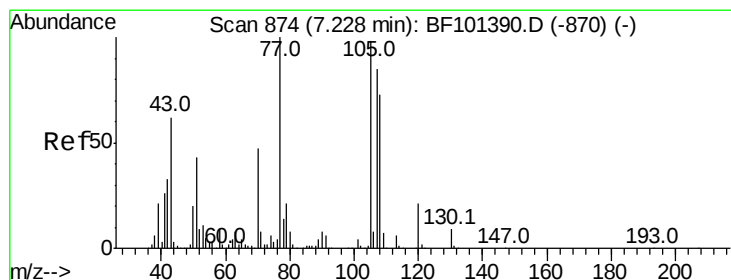
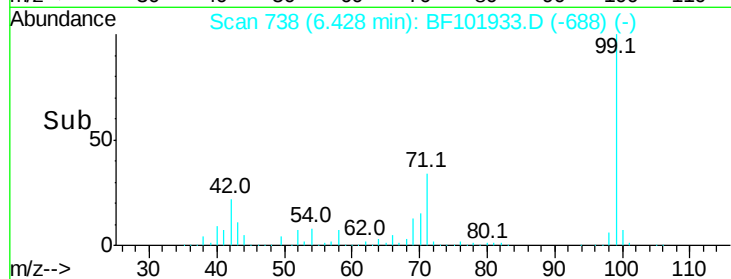
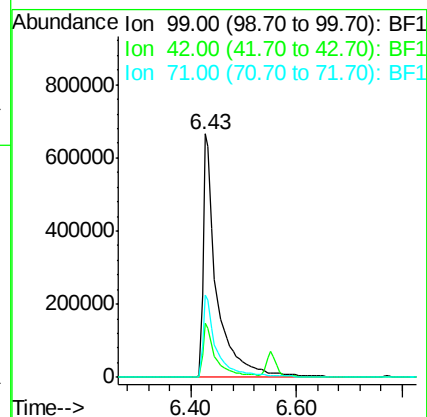
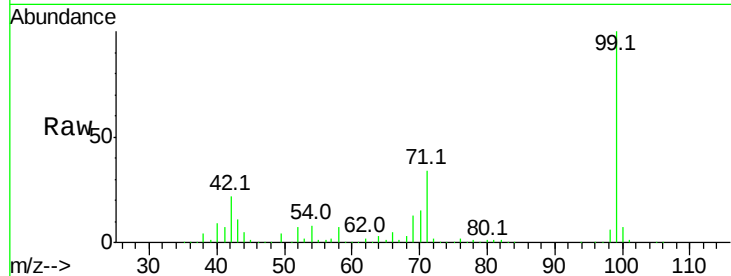
BNA_F

ClientSampleId :

OWS-4

Tot Ion: 99 Resp: 1213477

Ion	Ratio	Lower	Upper
99	100		
42	22.2	14.5	21.7#
71	33.9	25.4	38.0



#20

3+4-Methylphenols

Concen: 5.369 ng

RT: 7.25 min Scan# 878

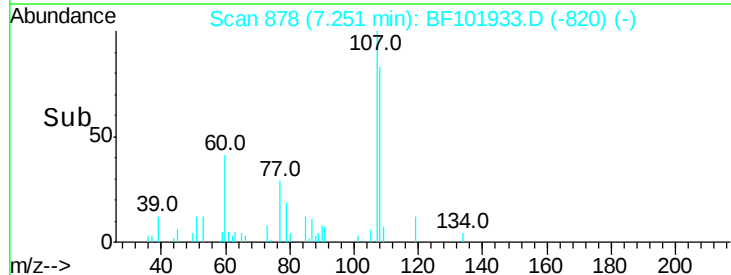
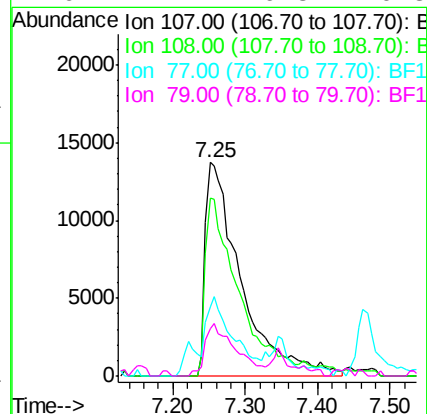
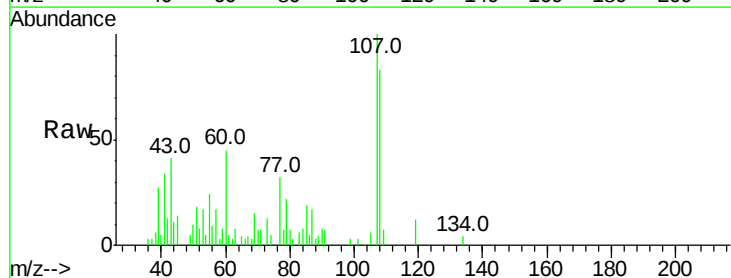
Delta R.T. 0.04 min

Lab File: BF101933.D

Acq: 5 Jan 2018 16:48

Tgt Ion:107 Resp: 47035

Ion	Ratio	Lower	Upper
107	100		
108	83.3	68.2	108.2
77	32.1	26.7	66.7
79	22.2	6.3	46.3

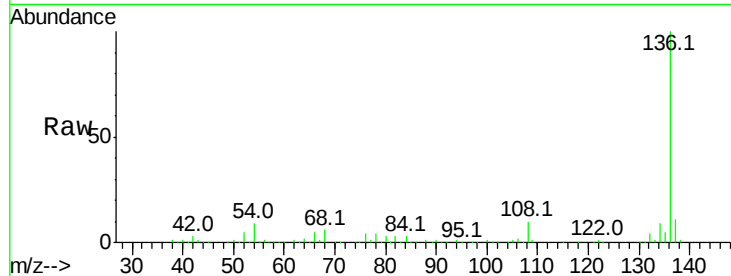




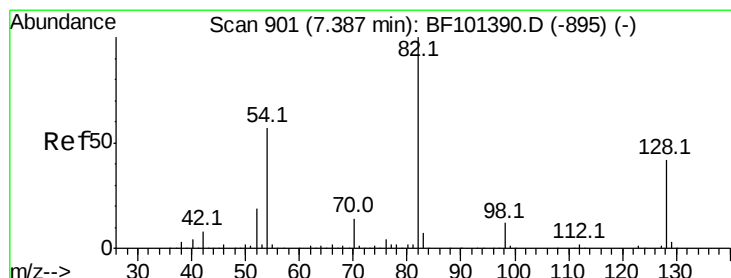
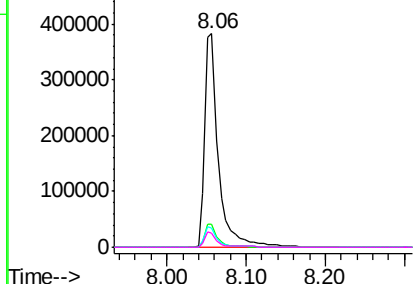
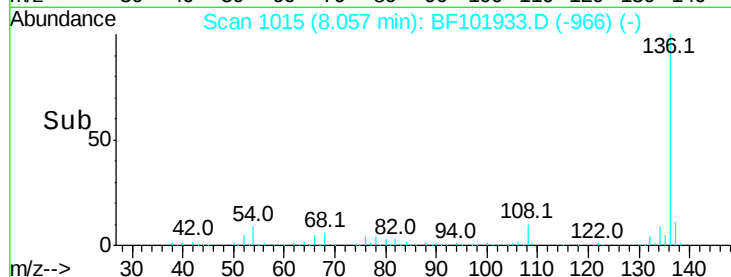
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tot Ion:	136	Resp:	467458
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.9	6.6	9.8
68	6.3	5.0	7.4

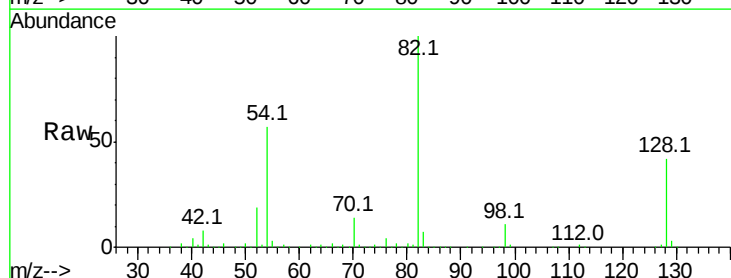


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

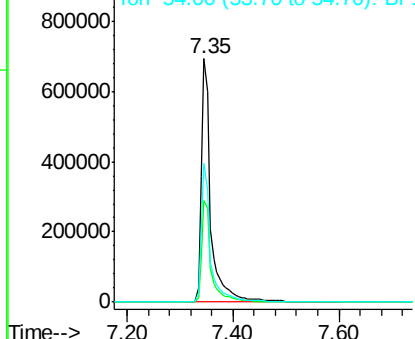
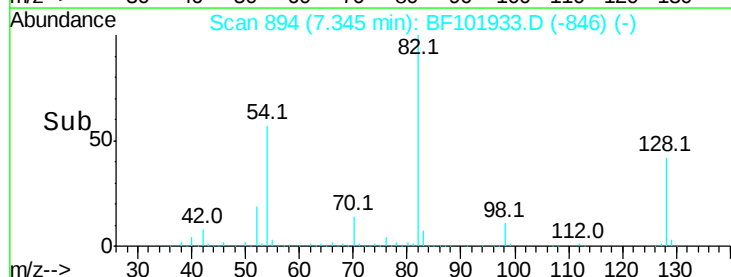


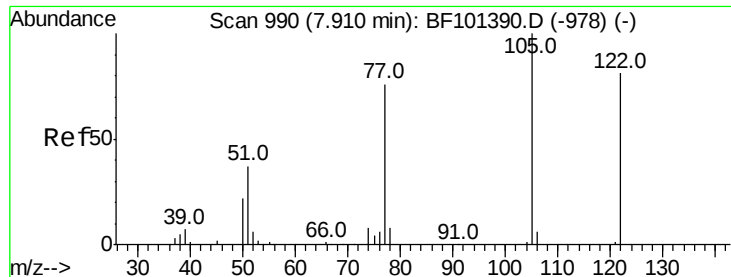
#23
Nitrobenzene-d5
Concen: 104.261 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Tgt Ion:	82	Resp:	875539
Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	56.7	41.4	62.2



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





#32

Benzoic acid

Concen: 29.692 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF101933.D

Acq: 5 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

OWS-4

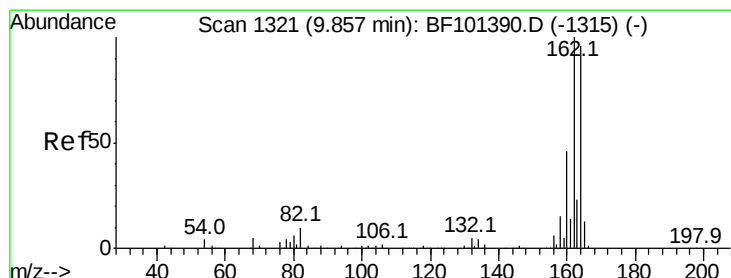
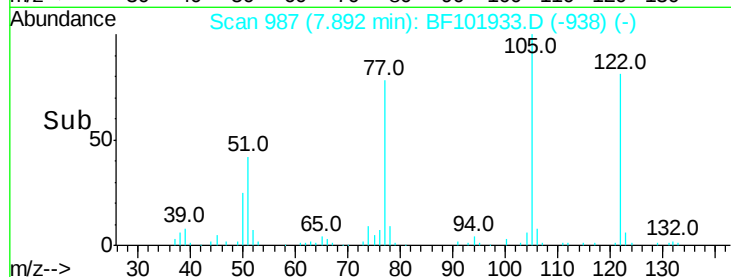
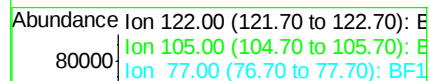
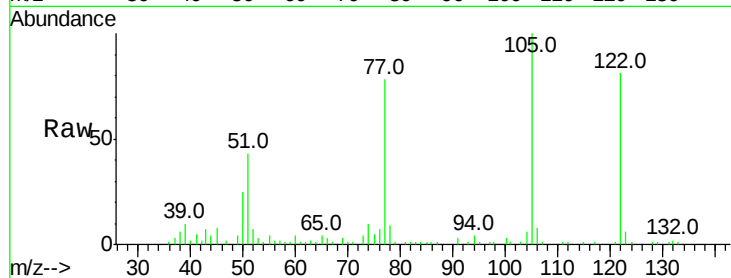
Tot Ion:122 Resp: 119073

Ion Ratio Lower Upper

122 100

105 123.8 101.1 141.1

77 97.1 70.7 110.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF101933.D

Acq: 5 Jan 2018 16:48

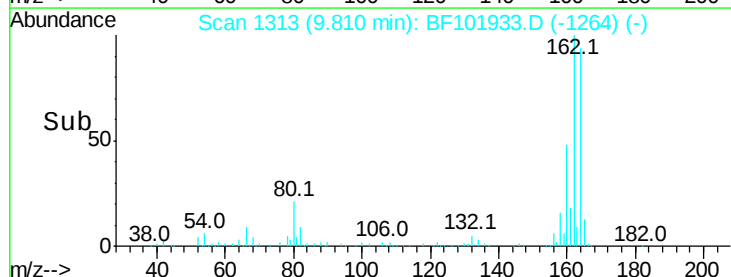
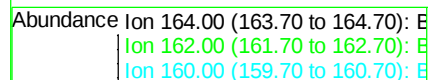
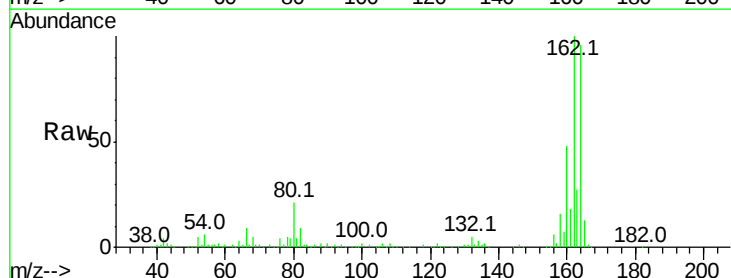
Tgt Ion:164 Resp: 159935

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

160 49.5 38.3 57.5

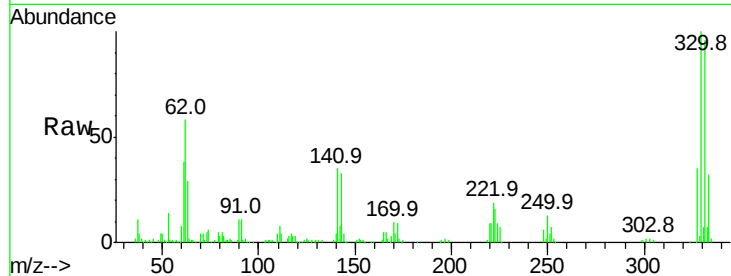




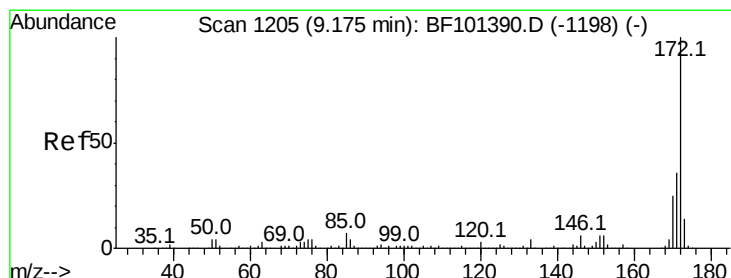
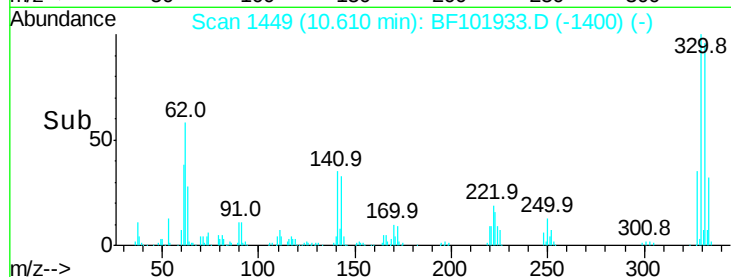
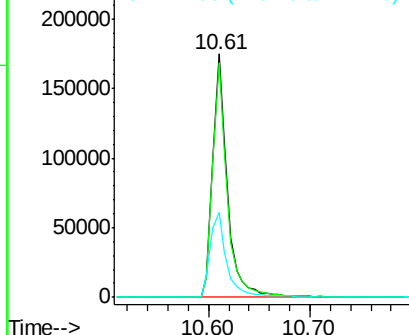
#41
 2,4,6-Tribromophenol
 Concen: 115.889 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF101933.D
 Acq: 5 Jan 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 OWS-4

Tot Ion:330 Resp: 178596
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 39.6 29.9 44.9

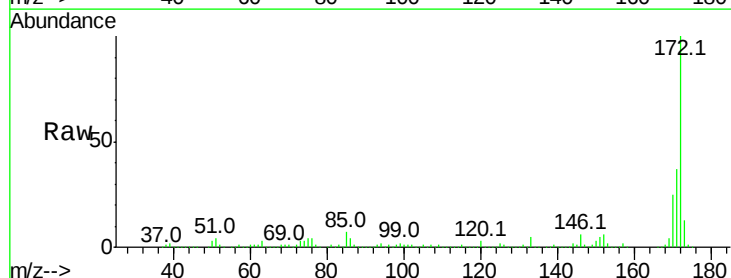


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

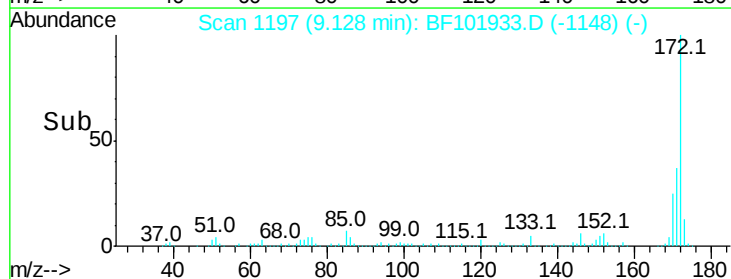
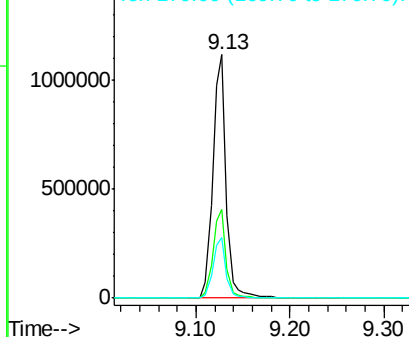


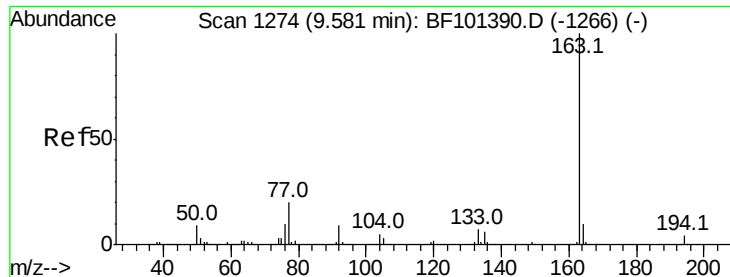
#44
 2-Fluorobiphenyl
 Concen: 108.959 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF101933.D
 Acq: 5 Jan 2018 16:48

Tgt Ion:172 Resp: 1123379
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.8 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





#49

Dimethylphthalate

Concen: 5.186 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF101933.D

Acq: 5 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

OWS-4

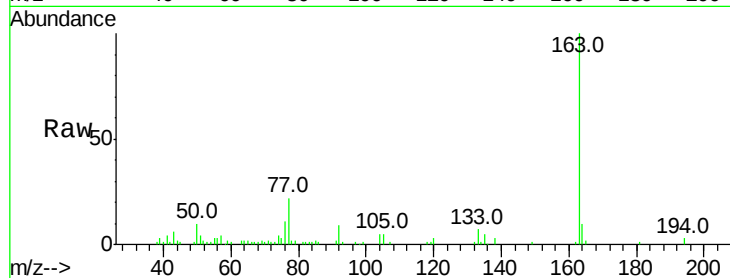
Tot Ion:163 Resp: 66712

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

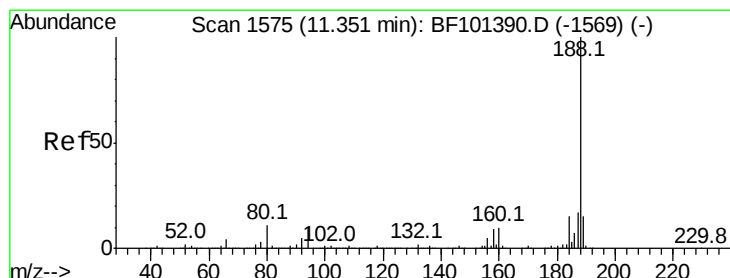
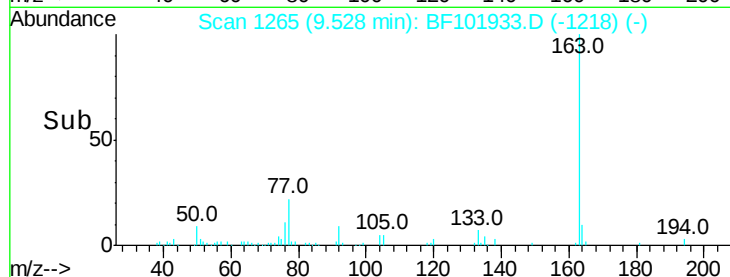
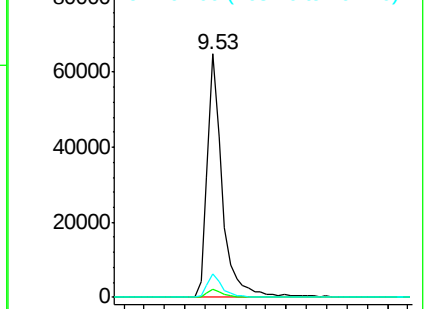
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF101933.D

Acq: 5 Jan 2018 16:48

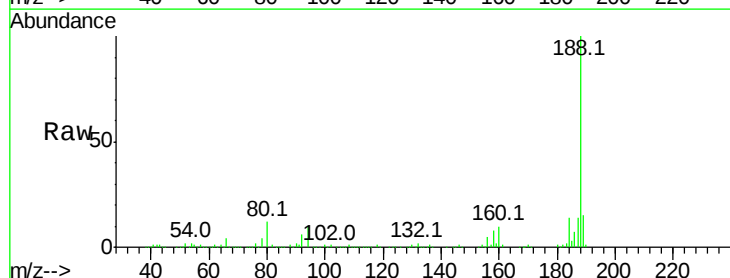
Tgt Ion:188 Resp: 256834

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

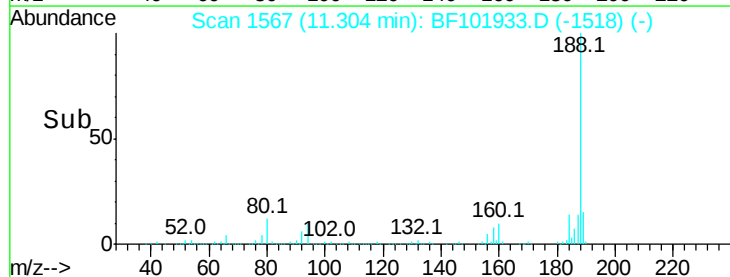
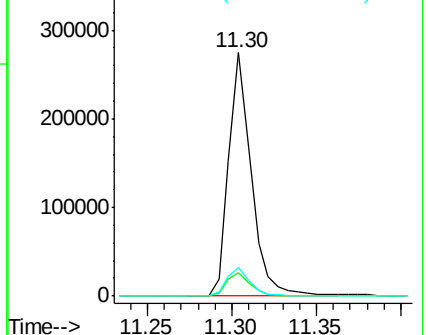
80 11.7 9.2 13.8

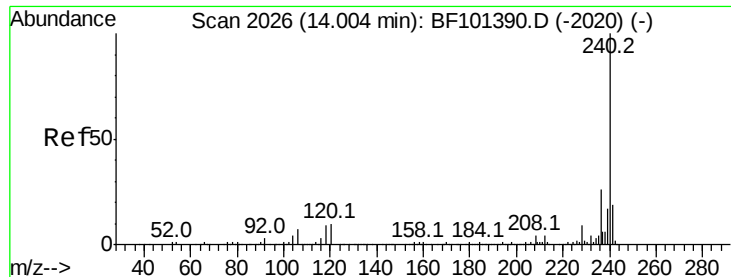


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF101933.D

Acq: 5 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

OWS-4

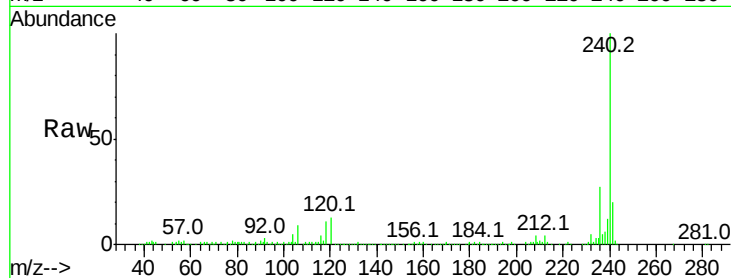
Tot Ion:240 Resp: 271310

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

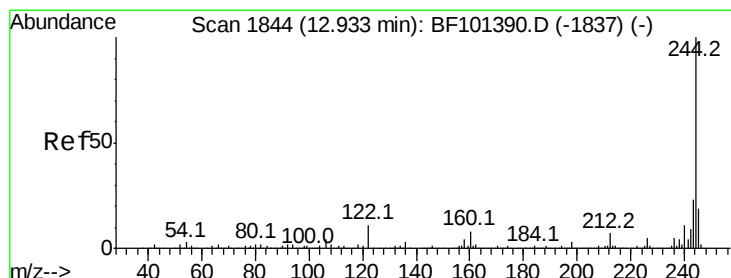
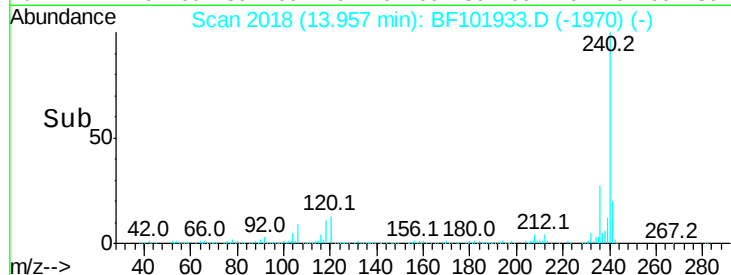
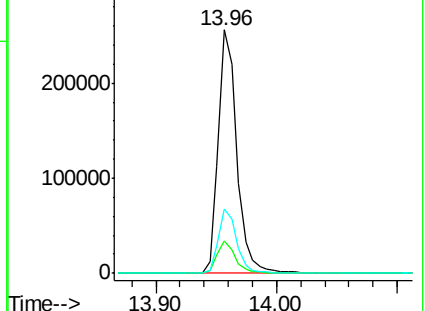
236 26.7 20.7 31.1



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: 80.081 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF101933.D

Acq: 5 Jan 2018 16:48

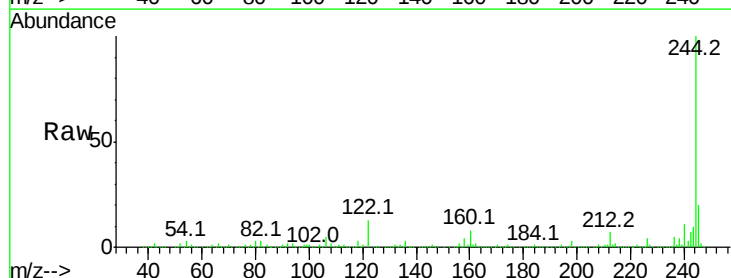
Tgt Ion:244 Resp: 901234

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

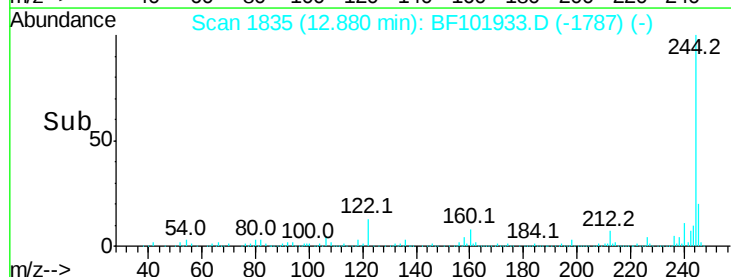
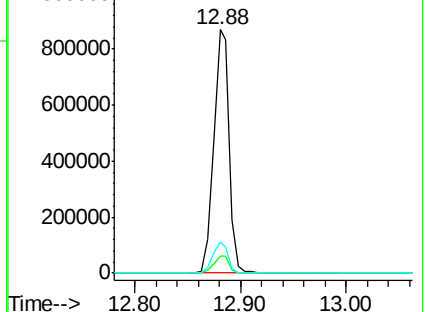
122 12.9 11.0 16.4

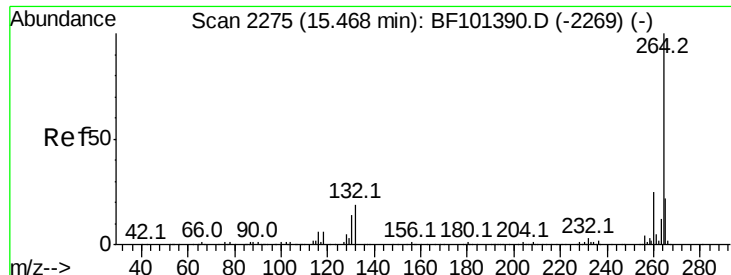


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

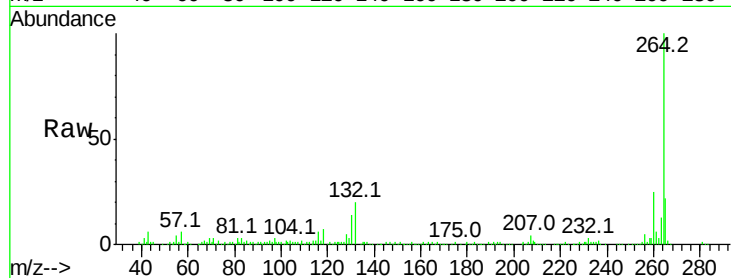




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tot Ion:264 Resp: 217513
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 21.8 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

