

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101738.D
 Acq On : 27 Dec 2017 2:27
 Operator : SJ/JU
 Sample : I7037-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-221-OILY-STONES

Quant Time: Dec 27 06:53:20 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

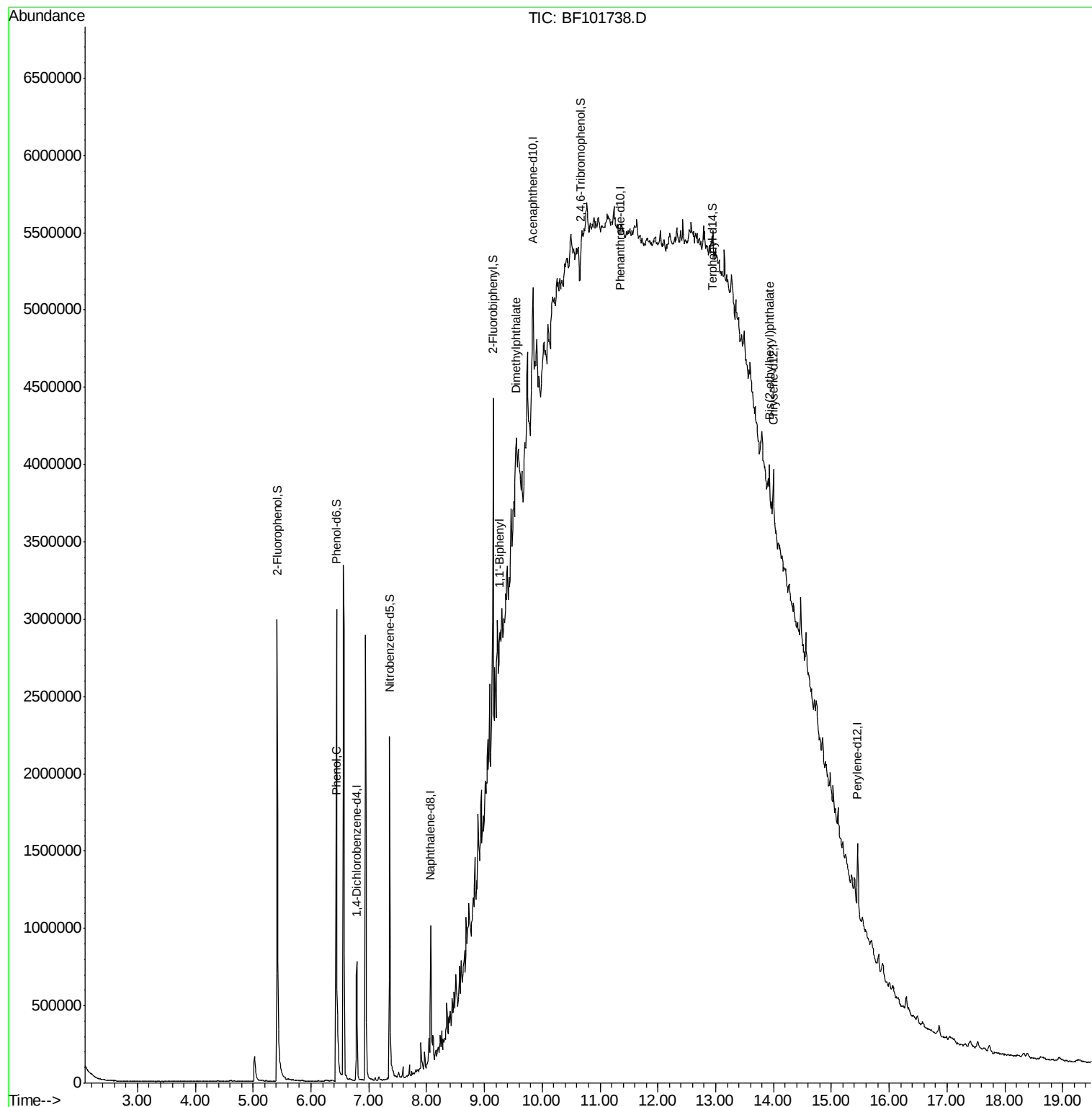
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132318	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	470660	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	88084	20.00	ng	0.02
63) Phenanthrene-d10	11.36	188	113073	20.00	ng	0.04
75) Chrysene-d12	14.00	240	197816	20.00	ng	0.03
86) Perylene-d12	15.46	264	236217	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1112684	125.26	ng	0.01
7) Phenol-d6	6.44	99	1302767	117.84	ng	0.00
23) Nitrobenzene-d5	7.36	82	797377	94.31	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	136007	160.24	ng	0.03
44) 2-Fluorobiphenyl	9.15	172	1017659	179.22	ng	0.00
78) Terphenyl-d14	12.94	244	423591	51.62	ng	0.05
Target Compounds						
10) Phenol	6.45	94	47363	3.759	ng	83
45) 1,1'-Biphenyl	9.26	154	20765	2.658	ng	84
49) Dimethylphthalate	9.55	163	53721	7.582	ng	# 64
83) Bis(2-ethylhexyl)phthalate	13.93	149	110320	12.966	ng	# 97

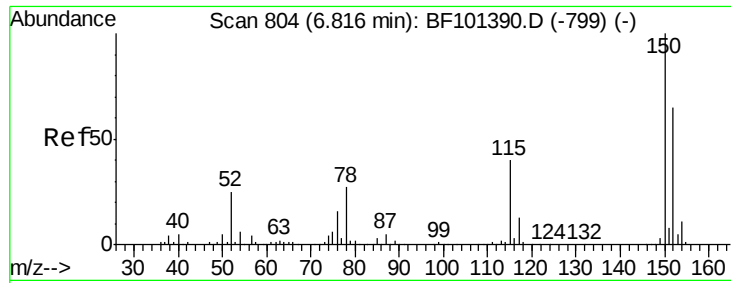
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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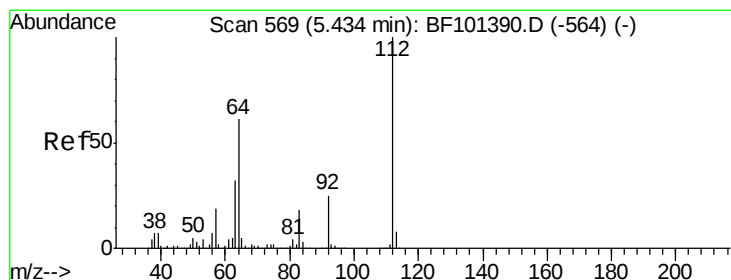
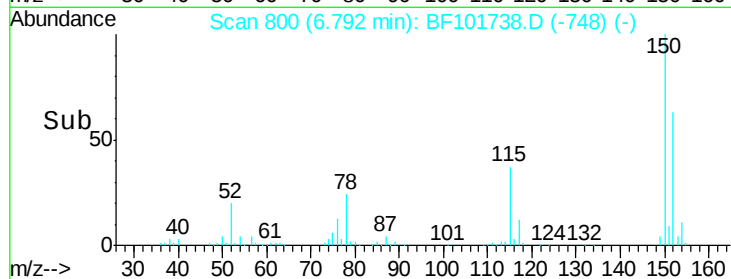
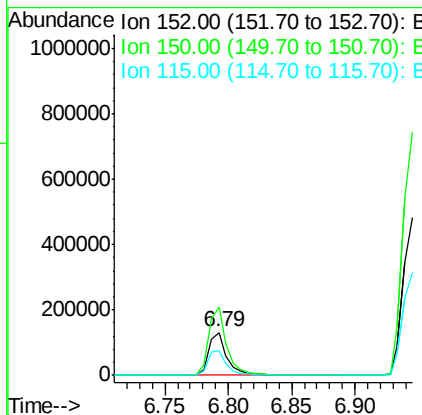
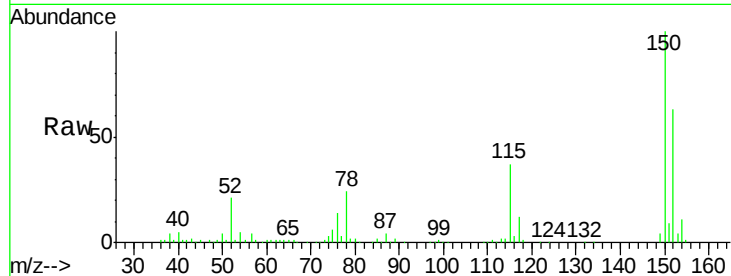


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101738.D
Acq: 27 Dec 2017 2:27

Instrument :
BNA_F
ClientSampleId :
VNJ-221-OILY-STONES

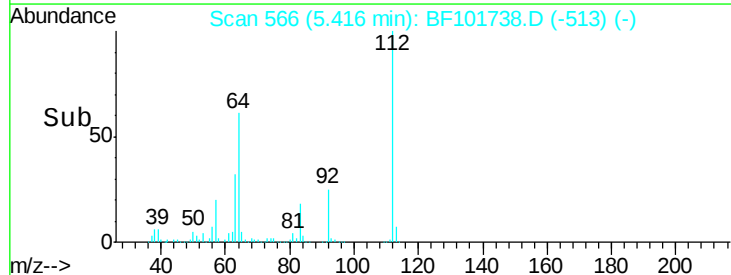
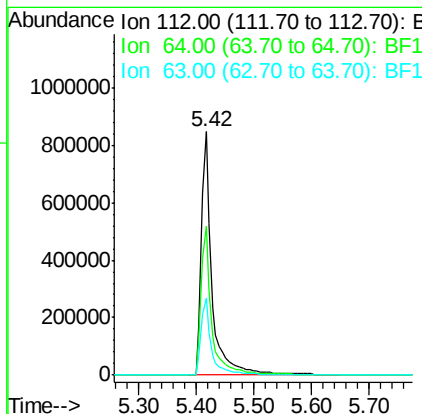
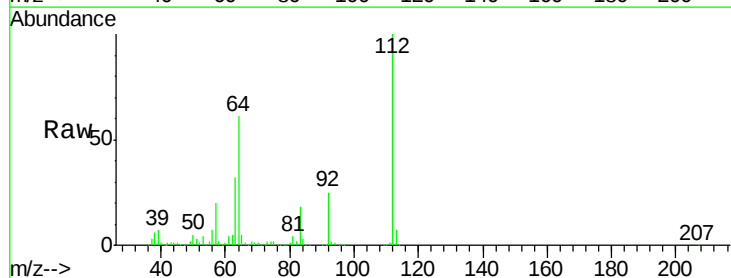
Tgt Ion:152 Resp: 132318
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 58.8 50.1 75.1

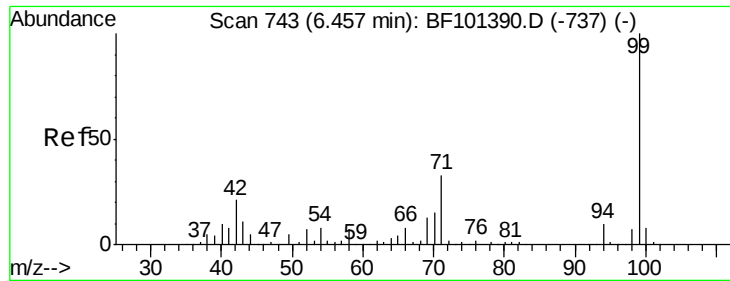


#5

2-Fluorophenol
Concen: 125.261 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101738.D
Acq: 27 Dec 2017 2:27

Tgt Ion:112 Resp: 1112684
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 31.9 23.7 35.5





#7

Phenol-d6

Concen: 117.843 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101738.D

Acq: 27 Dec 2017 2:27

Instrument :

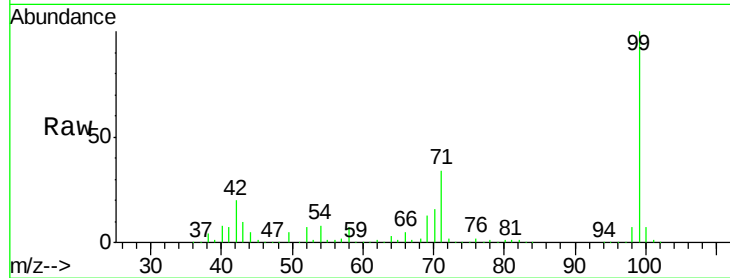
BNA_F

ClientSampleId :

VNJ-221-OILY-STONES

Tgt Ion: 99 Resp: 1302767

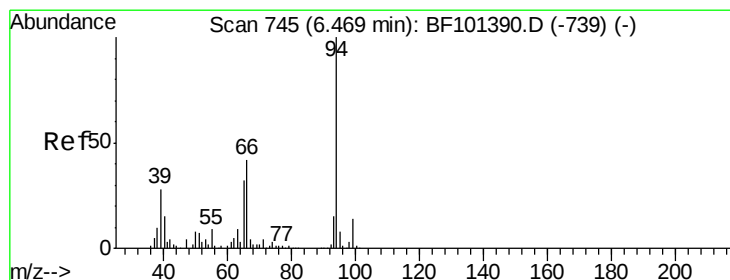
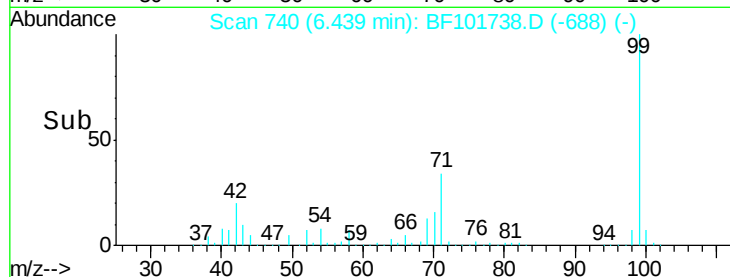
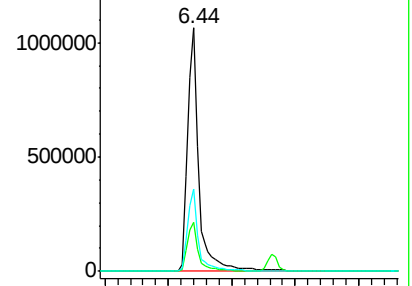
Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	33.6	25.4	38.0



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



#10

Phenol

Concen: 3.759 ng

RT: 6.45 min Scan# 742

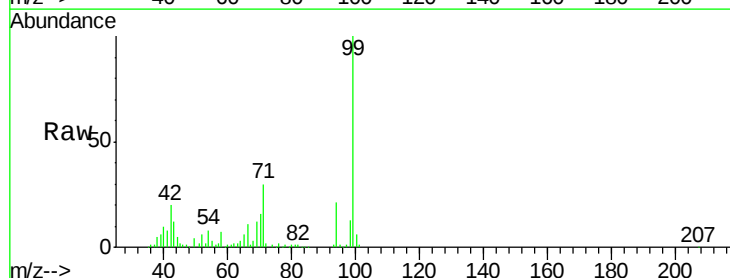
Delta R.T. 0.01 min

Lab File: BF101738.D

Acq: 27 Dec 2017 2:27

Tgt Ion: 94 Resp: 47363

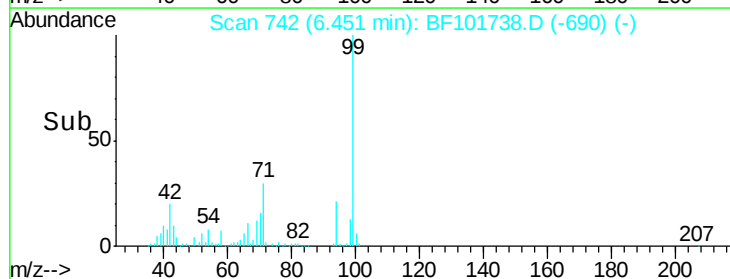
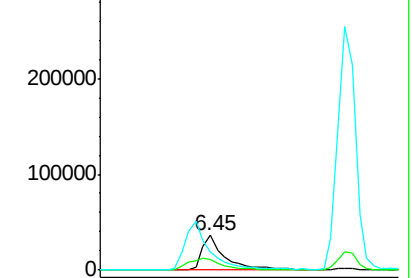
Ion	Ratio	Lower	Upper
94	100		
65	29.4	7.9	47.9
66	52.2	16.2	56.2

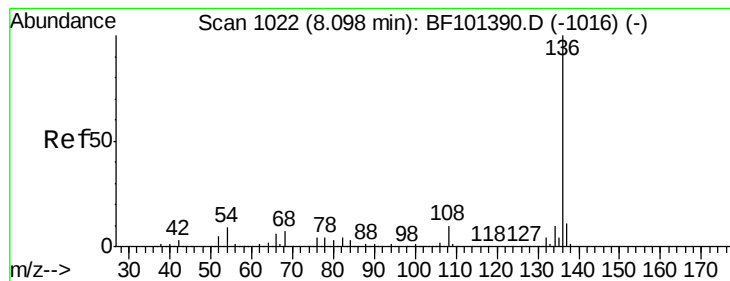


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BF101738.D

Acq: 27 Dec 2017 2:27

Instrument :

BNA_F

ClientSampleId :

VNJ-221-OILY-STONES

Tgt Ion: 136 Resp: 470660

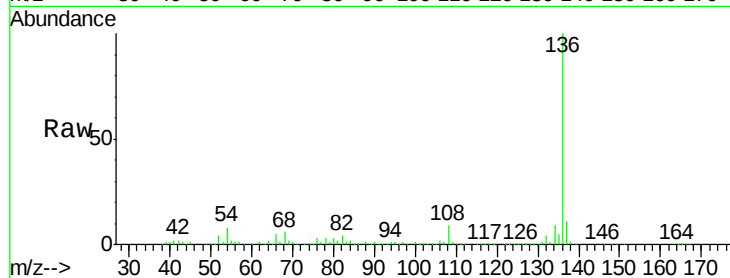
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 8.3 6.6 9.8

68 6.3 5.0 7.4

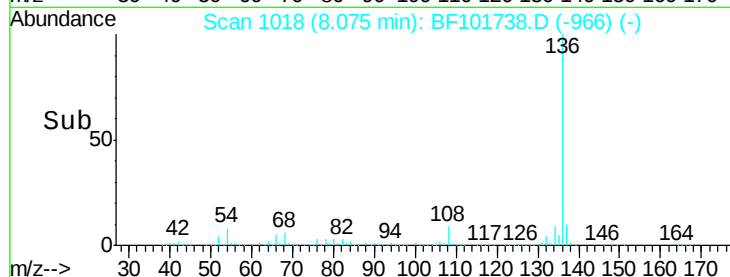


Abundance Ion 136.00 (135.70 to 136.70): E

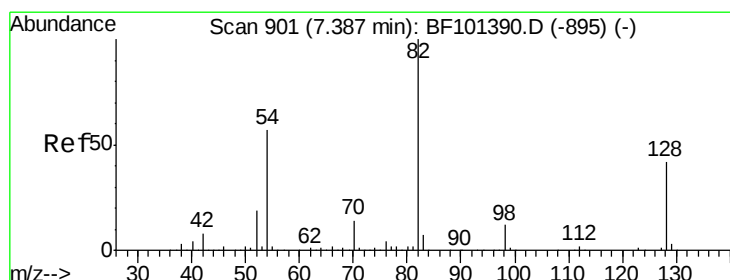
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 94.307 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF101738.D

Acq: 27 Dec 2017 2:27

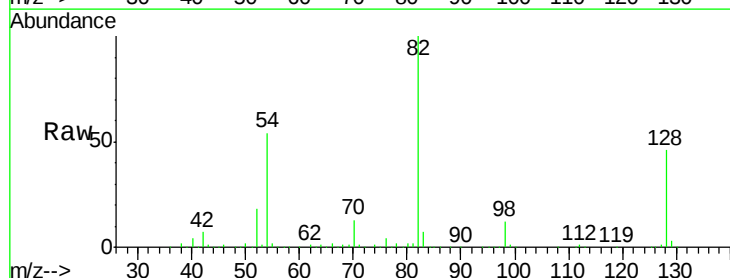
Tgt Ion: 82 Resp: 797377

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

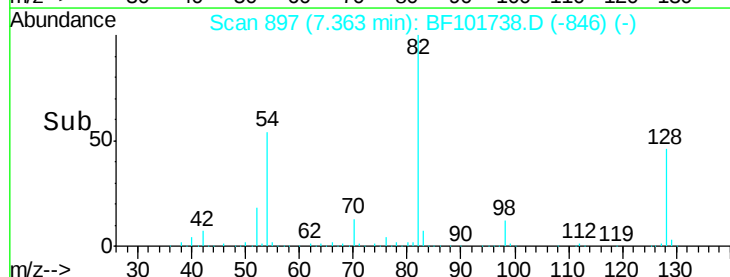
54 54.4 41.4 62.2



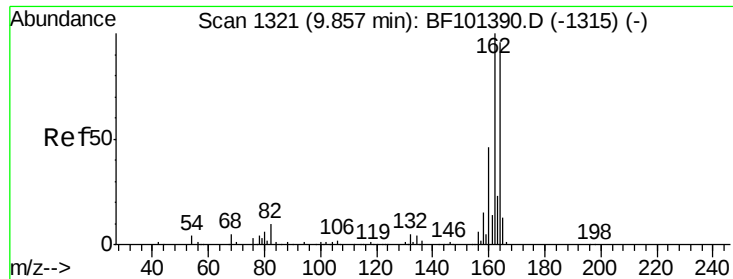
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



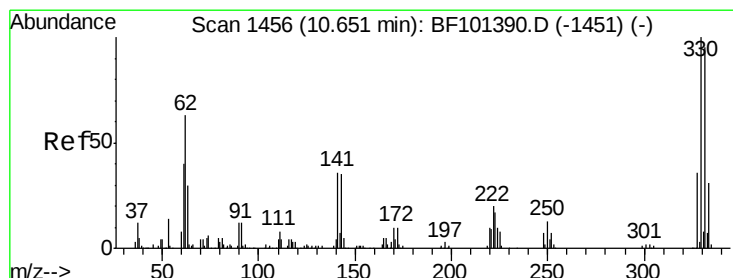
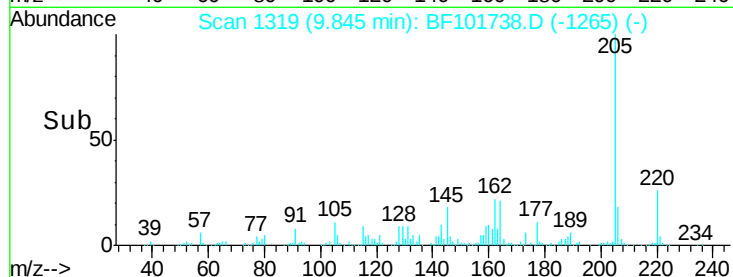
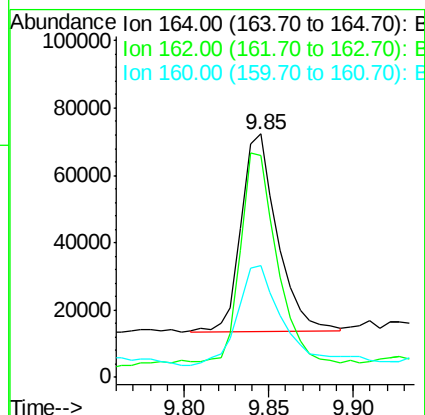
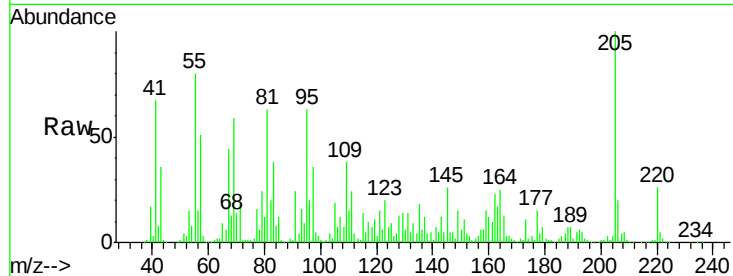
Time-->



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.02 min
 Lab File: BF101738.D
 Acq: 27 Dec 2017 2:27

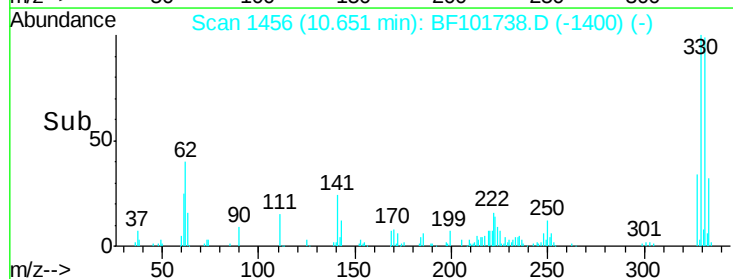
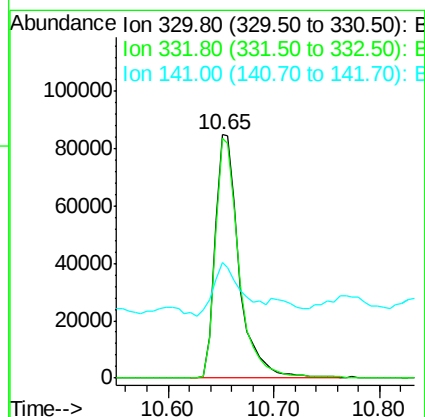
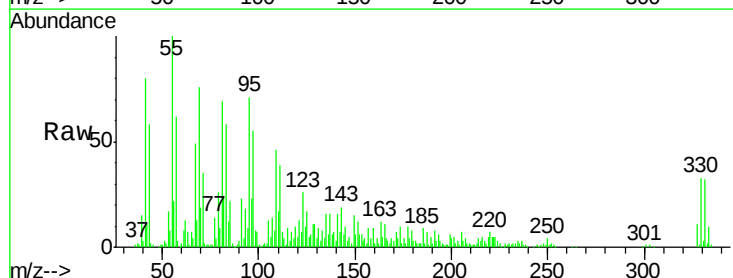
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-221-OILY-STONES

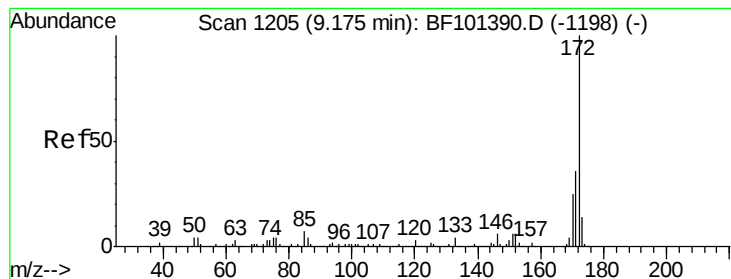
Tgt Ion:164 Resp: 88084
 Ion Ratio Lower Upper
 164 100
 162 91.3 86.1 129.1
 160 45.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 160.242 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.03 min
 Lab File: BF101738.D
 Acq: 27 Dec 2017 2:27

Tgt Ion:330 Resp: 136007
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 26.2 29.9 44.9#





#44

2-Fluorobiphenyl

Concen: 179.219 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF101738.D

Acq: 27 Dec 2017 2:27

Instrument :

BNA_F

ClientSampleId :

VNJ-221-OILY-STONES

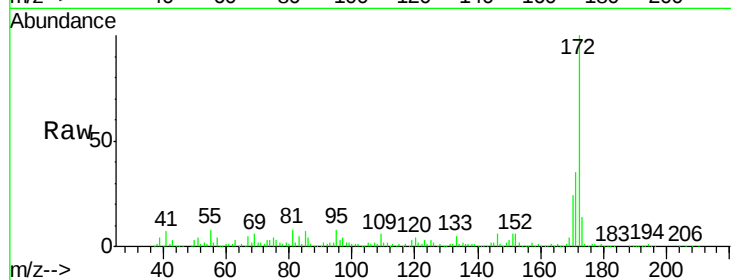
Tgt Ion:172 Resp: 1017659

Ion Ratio Lower Upper

172 100

171 35.1 29.7 44.5

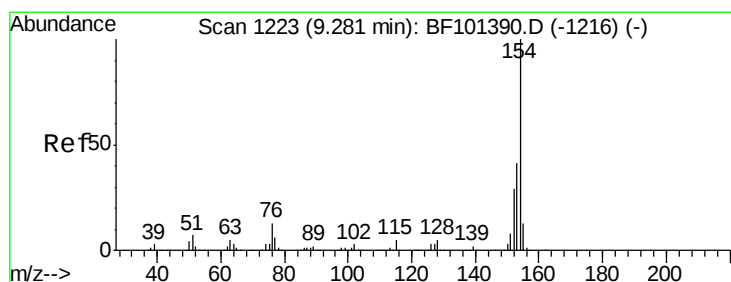
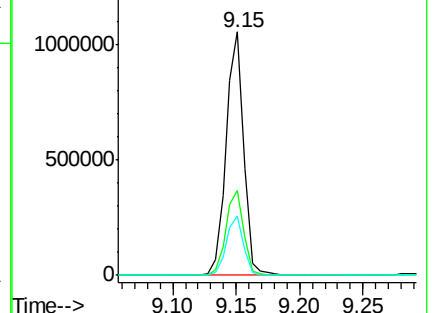
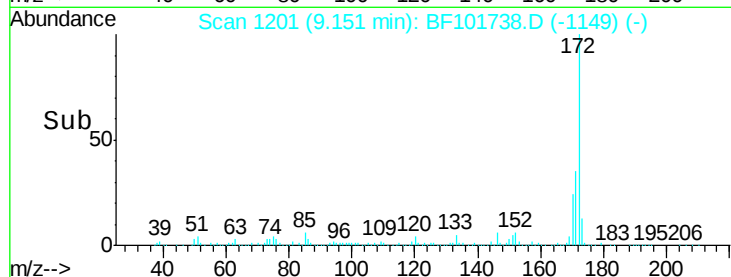
170 24.1 19.6 29.4



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



#45

1,1'-Biphenyl

Concen: 2.658 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF101738.D

Acq: 27 Dec 2017 2:27

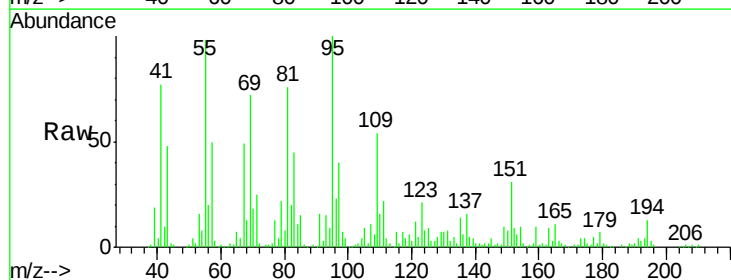
Tgt Ion:154 Resp: 20765

Ion Ratio Lower Upper

154 100

153 54.1 21.3 61.3

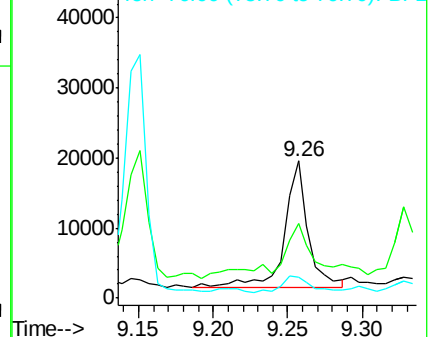
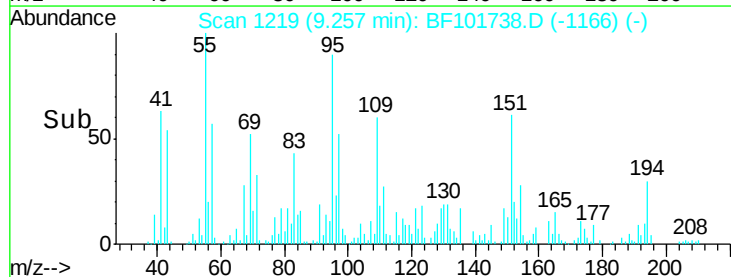
76 15.7 0.0 34.0

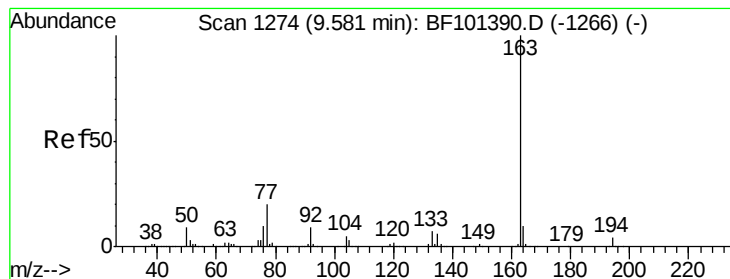


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#49

Dimethylphthalate

Concen: 7.582 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF101738.D

Acq: 27 Dec 2017 2:27

Instrument :

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VNJ-221-OILY-STONES

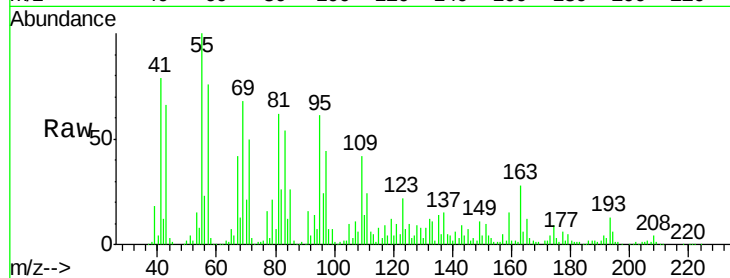
Tgt Ion:163 Resp: 53721

Ion Ratio Lower Upper

163 100

194 22.2 2.7 4.1#

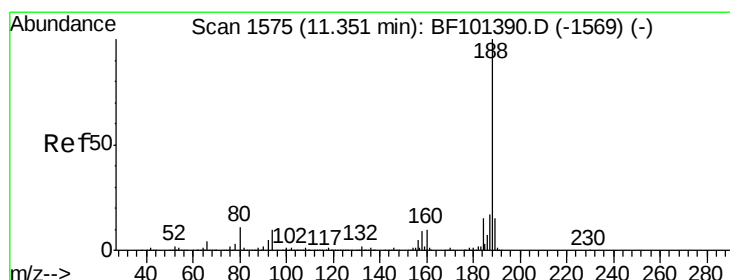
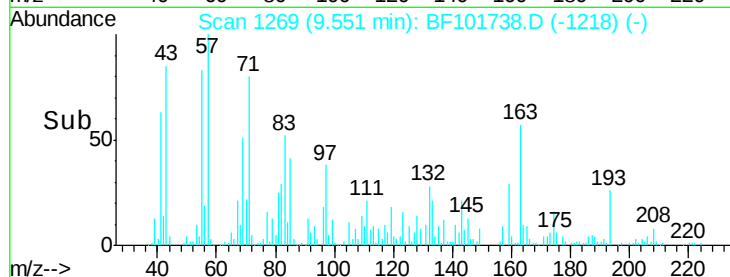
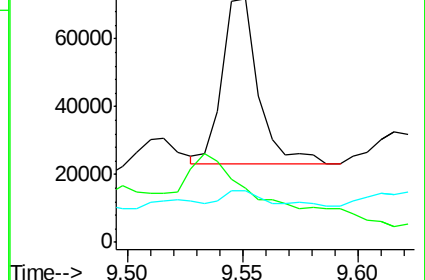
164 21.2 8.2 12.2#



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: 11.36 min Scan# 1576

Delta R.T. 0.04 min

Lab File: BF101738.D

Acq: 27 Dec 2017 2:27

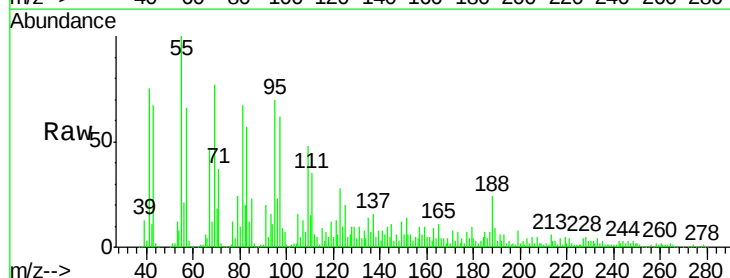
Tgt Ion:188 Resp: 113073

Ion Ratio Lower Upper

188 100

94 43.4 8.5 12.7#

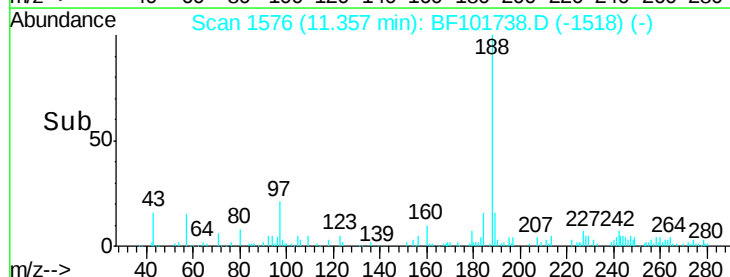
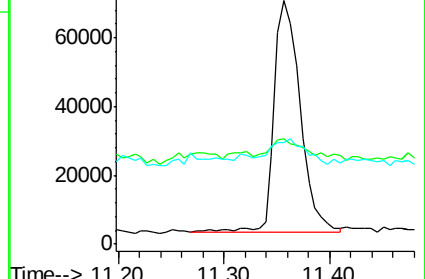
80 42.0 9.2 13.8#

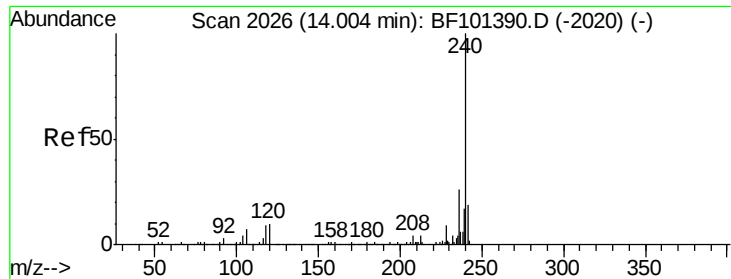


Abundance Ion 188.00 (187.70 to 188.70): E

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. 0.03 min

Lab File: BF101738.D

Acq: 27 Dec 2017 2:27

Instrument :

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VNJ-221-OILY-STONES

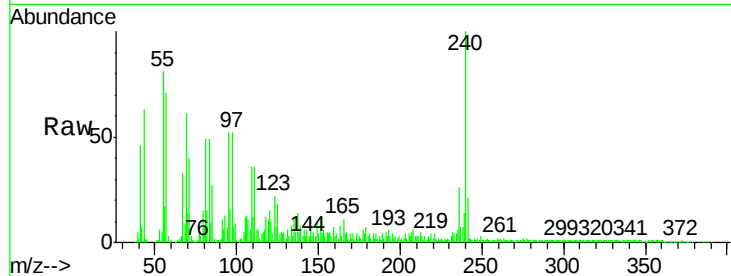
Tgt Ion:240 Resp: 197816

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

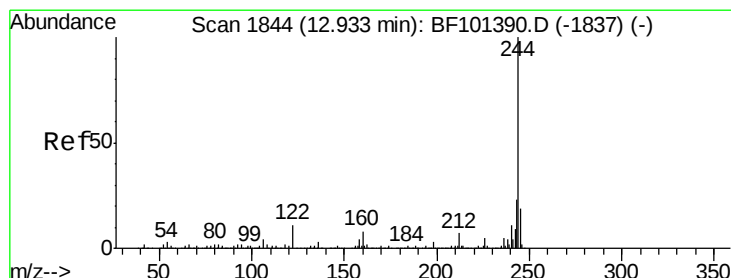
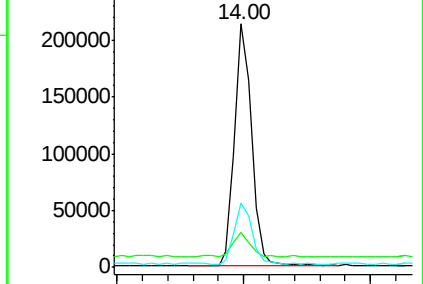
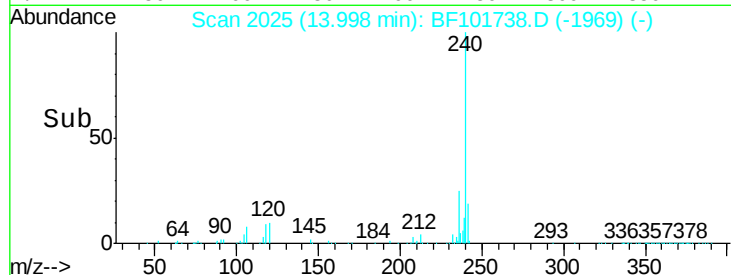
236 26.4 20.7 31.1



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: 51.623 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.05 min

Lab File: BF101738.D

Acq: 27 Dec 2017 2:27

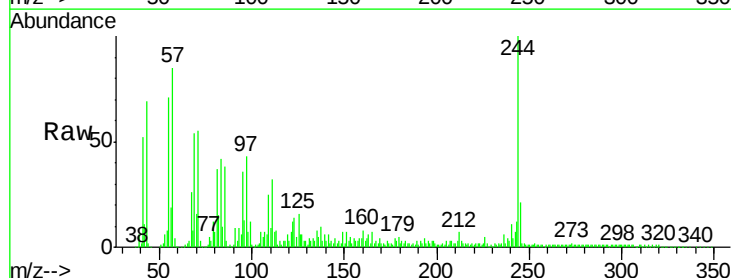
Tgt Ion:244 Resp: 423591

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

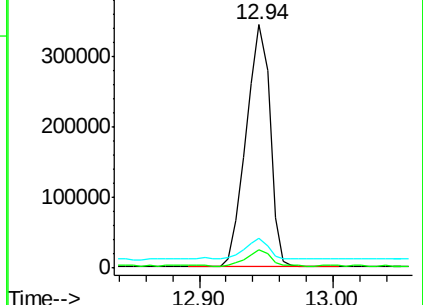
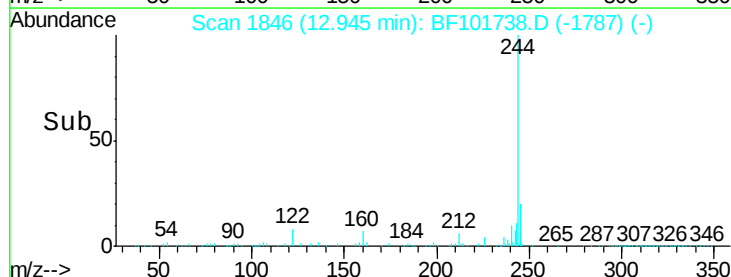
122 12.3 11.0 16.4

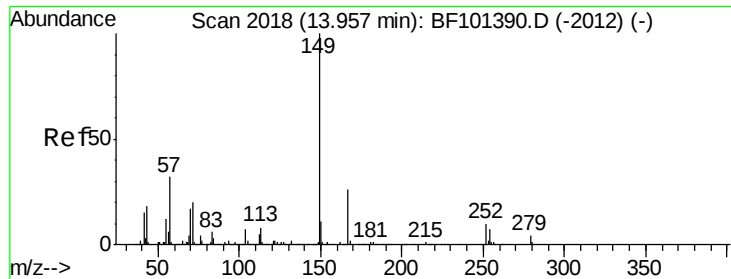


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

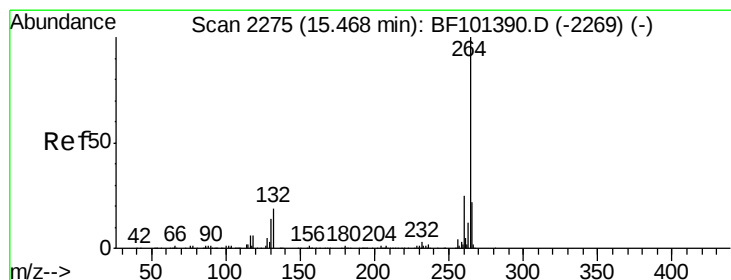
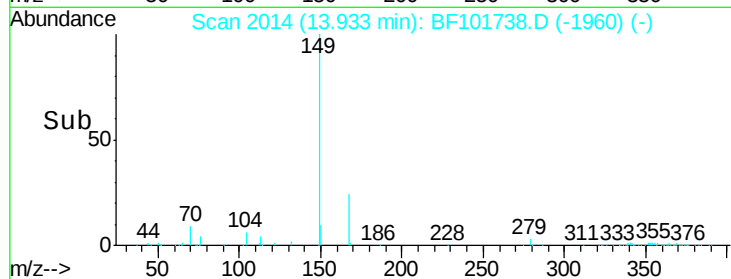
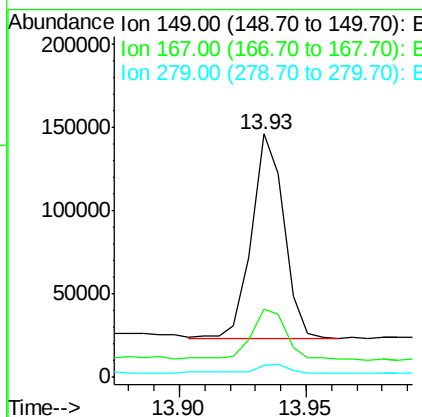
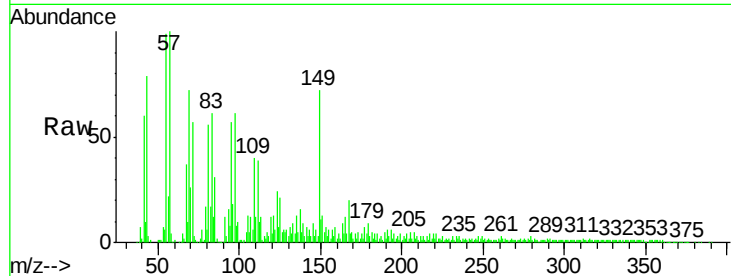




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 12.966 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.02 min
 Lab File: BF101738.D
 Acq: 27 Dec 2017 2:27

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-221-OILY-STONES

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.3	31.9
279	4.8	3.0	4.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.02 min
 Lab File: BF101738.D
 Acq: 27 Dec 2017 2:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.9	17.5	26.3

