

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097892.D
 Acq On : 19 Aug 2017 21:28
 Operator : SJ/JU
 Sample : I4852-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-207

Quant Time: Aug 21 02:44:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

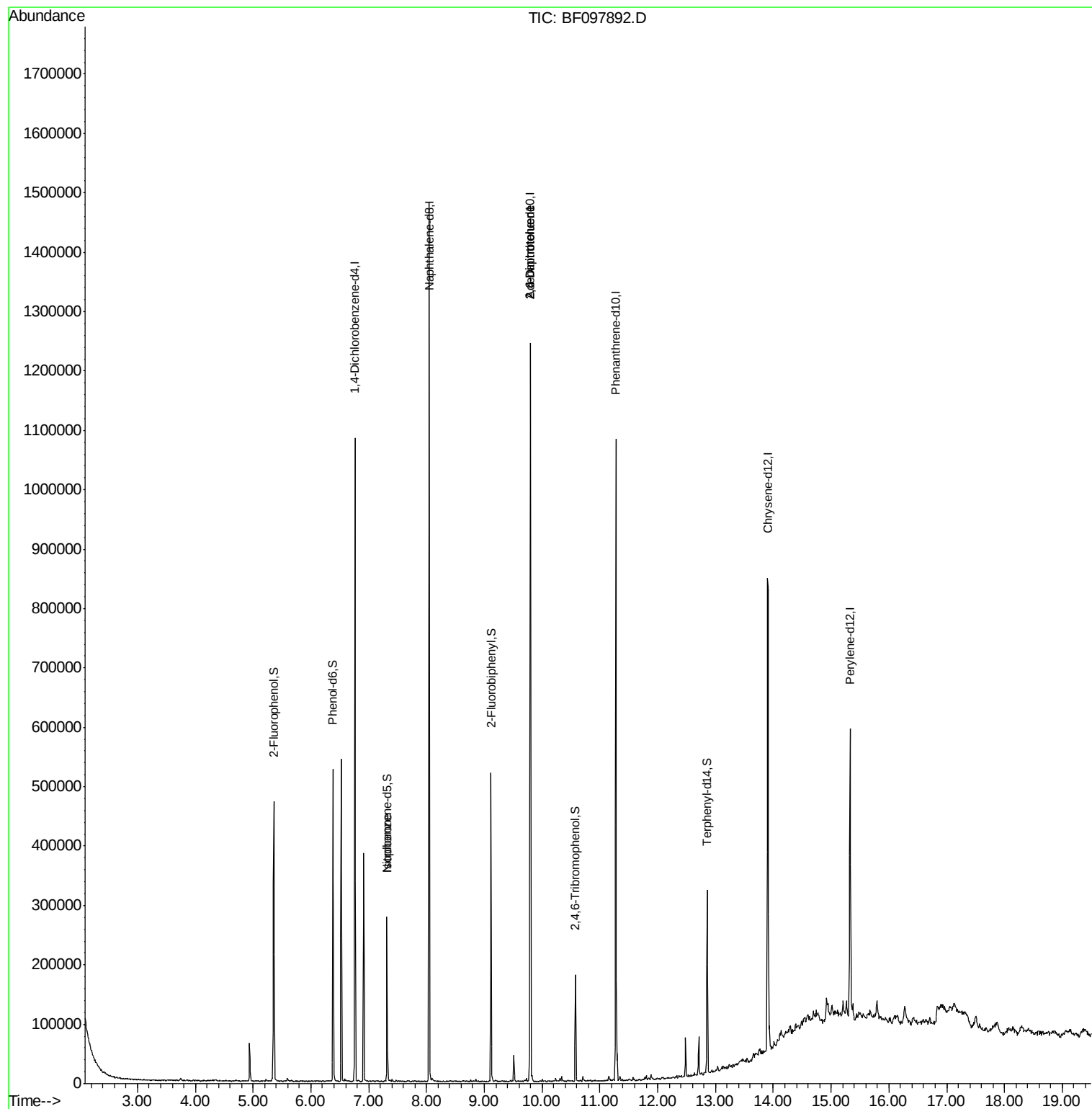
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	149495	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	560455	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	226422	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	352729	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	266301	20.00	ng	-0.03
86) Perylene-d12	15.33	264	213897	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	113796	11.58	ng	-0.03
7) Phenol-d6	6.38	99	157819	11.82	ng	-0.03
23) Nitrobenzene-d5	7.32	82	91232	8.84	ng	-0.04
41) 2,4,6-Tribromophenol	10.58	330	16230	8.26	ng	-0.03
44) 2-Fluorobiphenyl	9.12	172	138321	8.98	ng	-0.03
78) Terphenyl-d14	12.86	244	77828	6.09	ng	-0.04
Target Compounds						
25) Isophorone	7.32	82	91051	4.24	ng	# 67
50) 2,6-Dinitrotoluene	9.80	165	28801	8.72	ng	# 34
56) 2,4-Dinitrotoluene	9.80	165	28801	6.95	ng	# 33

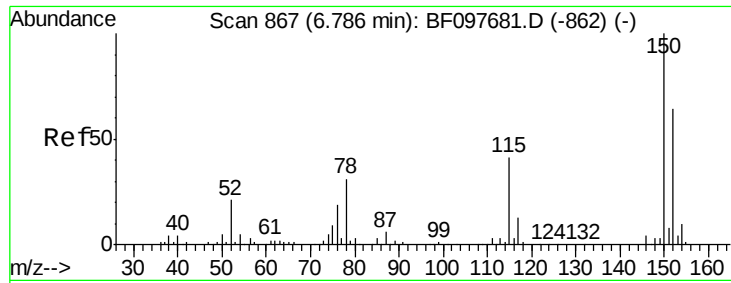
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF097892.D

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BNA_F

ClientSampleId :

VNJ-207

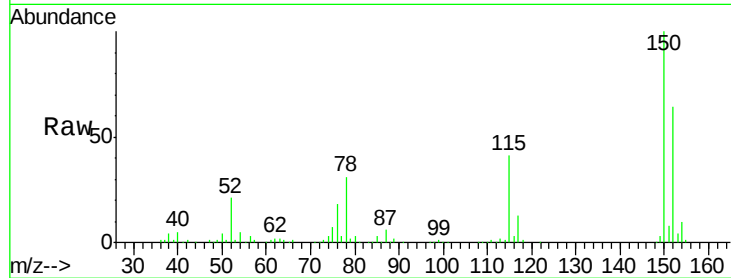
Tot Ion:152 Resp: 149495

Ion Ratio Lower Upper

152 100

150 155.4 126.2 189.2

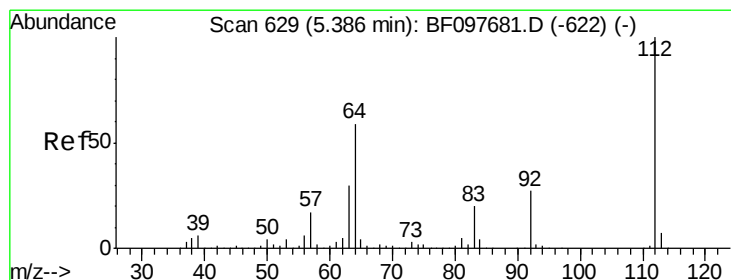
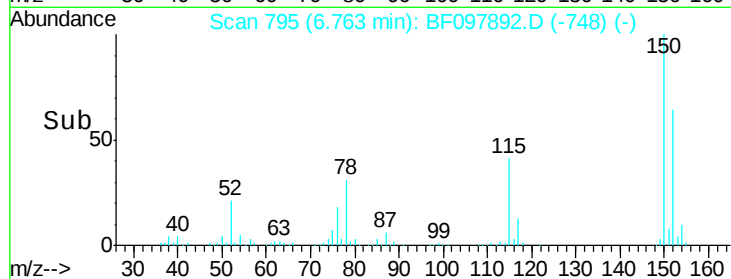
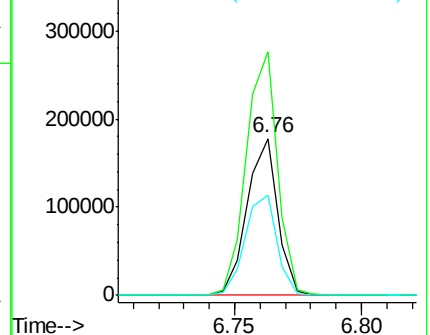
115 63.9 52.2 78.2



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: 11.58 ng

RT: 5.36 min Scan# 556

Delta R.T. -0.03 min

Lab File: BF097892.D

Acq: 19 Aug 2017 21:28

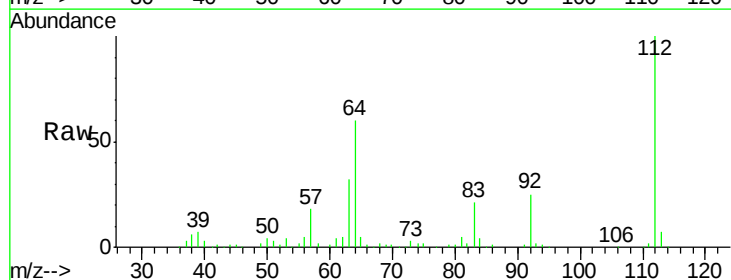
Tgt Ion:112 Resp: 113796

Ion Ratio Lower Upper

112 100

64 60.0 46.0 69.0

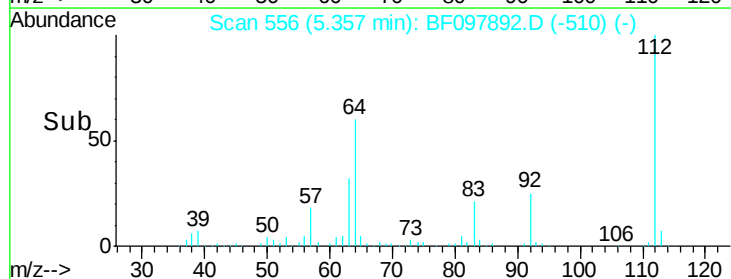
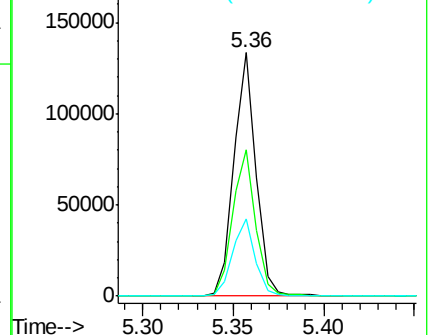
63 31.8 23.4 35.0

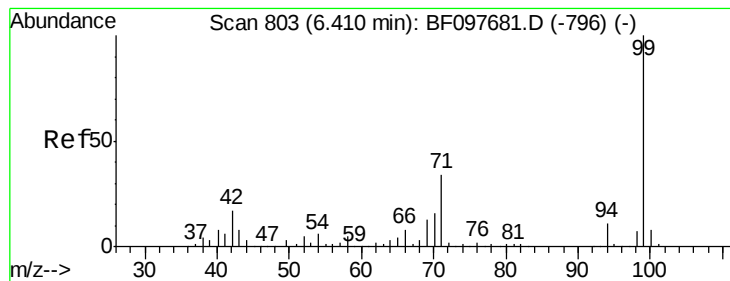


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.82 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF097892.D

Acq: 19 Aug 2017 21:28

Instrument :

BNA_F

ClientSampled :

VNJ-207

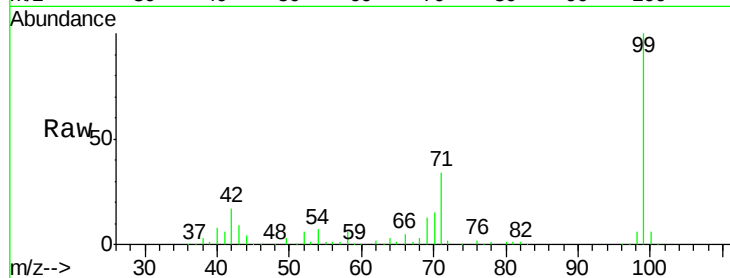
Tot Ion: 99 Resp: 157819

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

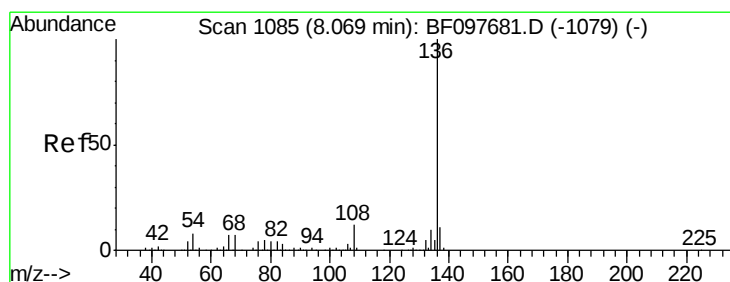
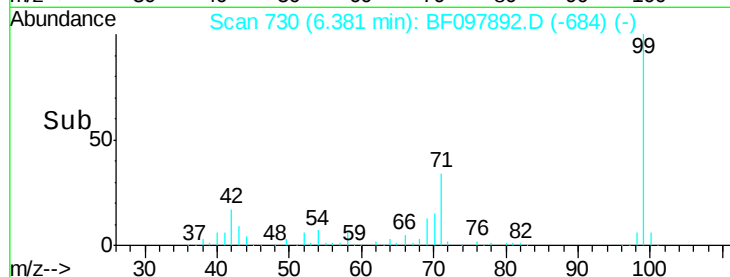
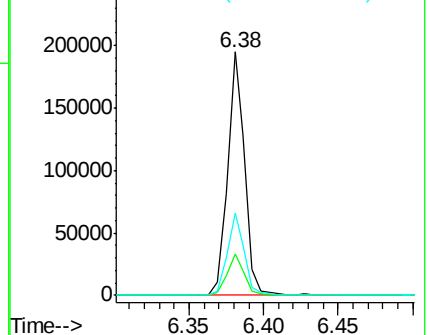
71 33.8 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BF097892.D

Acq: 19 Aug 2017 21:28

Tgt Ion: 136 Resp: 560455

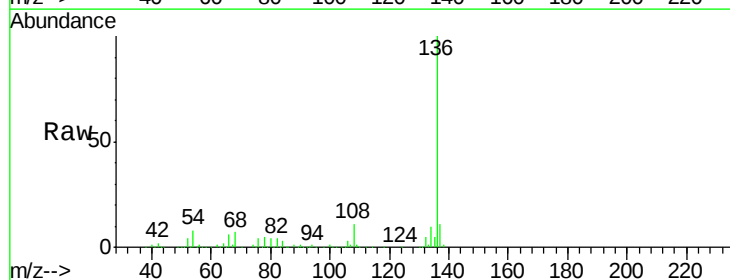
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.6 4.9 7.3#

68 7.2 4.1 6.1#

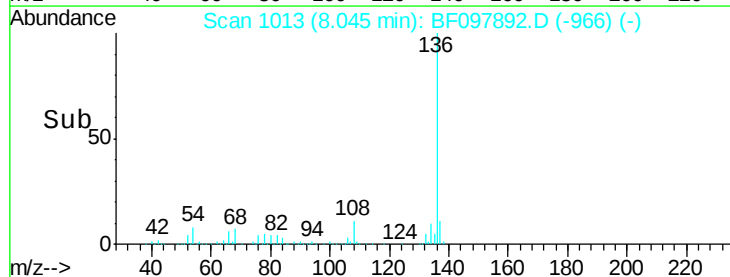
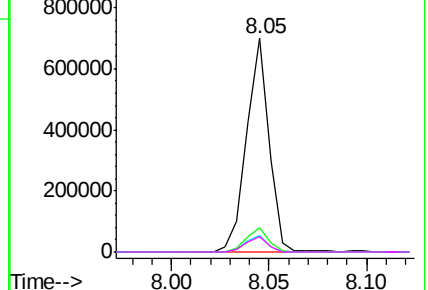


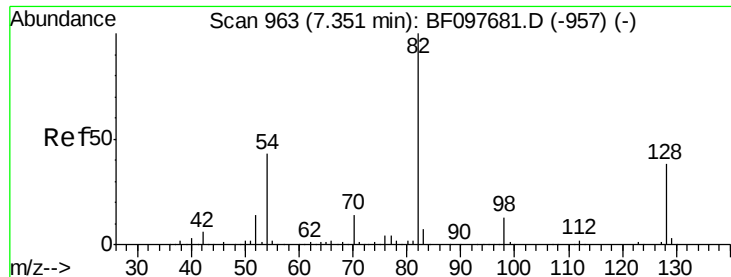
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

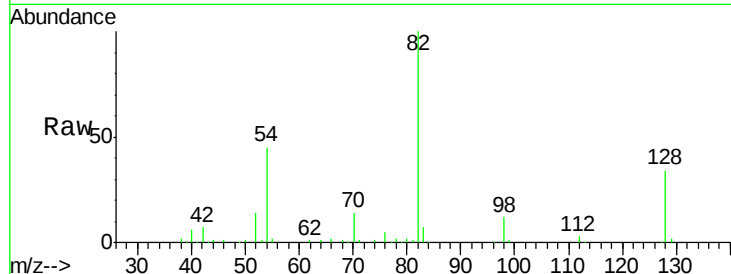




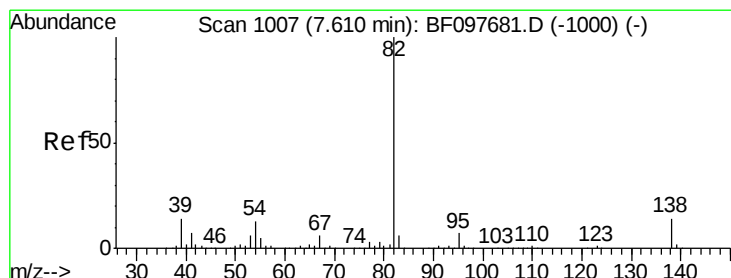
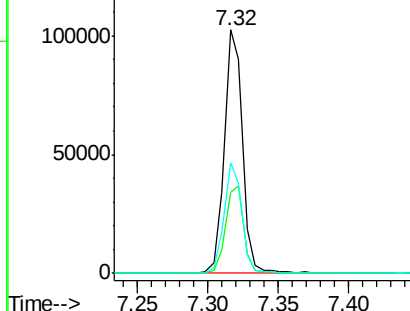
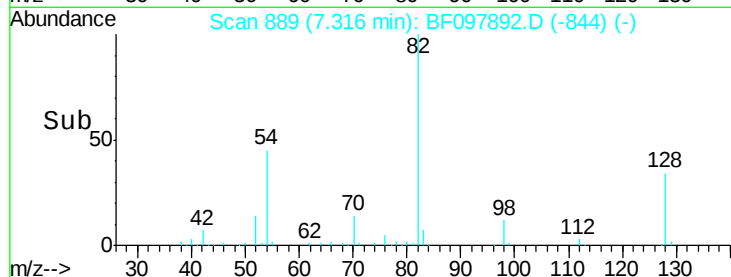
#23
 Nitrobenzene-d5
 Concen: 8.84 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.04 min
 Lab File: BF097892.D
 Acq: 19 Aug 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-207

Tot Ion	82	Resp	91232
Ion Ratio	Lower	Upper	
82	100		
128	33.5	34.0	51.0#
54	45.1	42.2	63.2

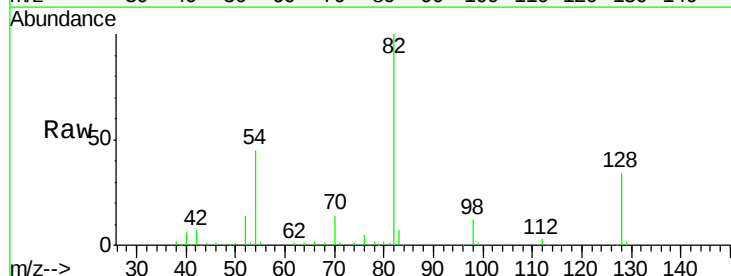


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

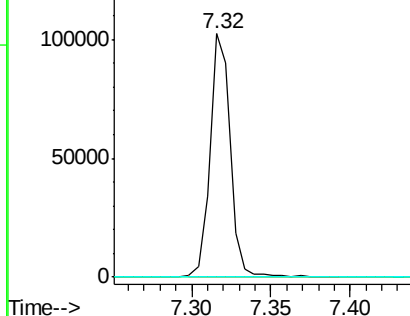
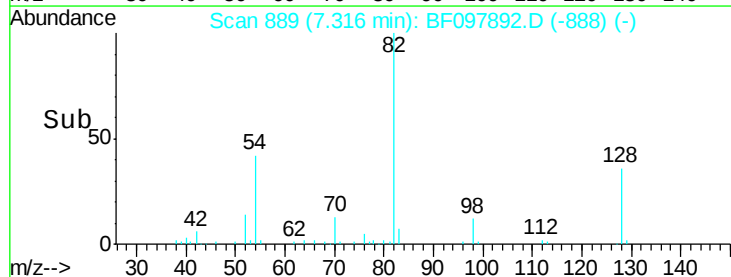


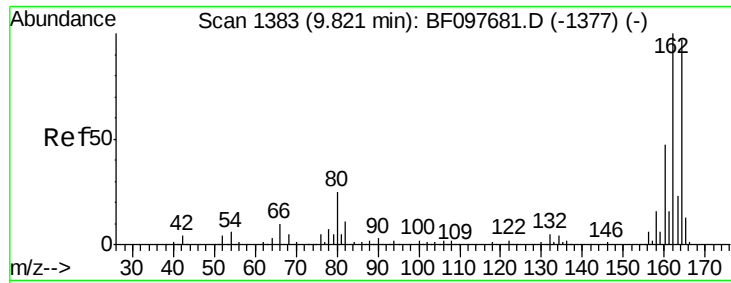
#25
 Isophorone
 Concen: 4.24 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.29 min
 Lab File: BF097892.D
 Acq: 19 Aug 2017 21:28

Tgt Ion	82	Resp	91051
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

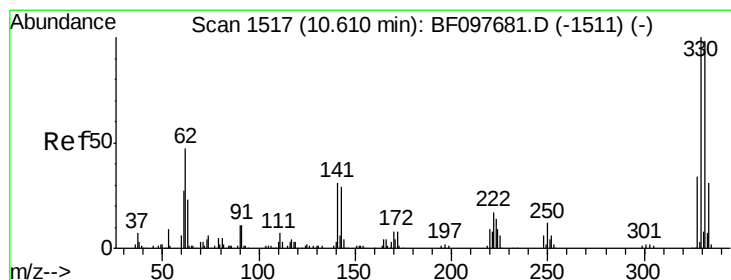
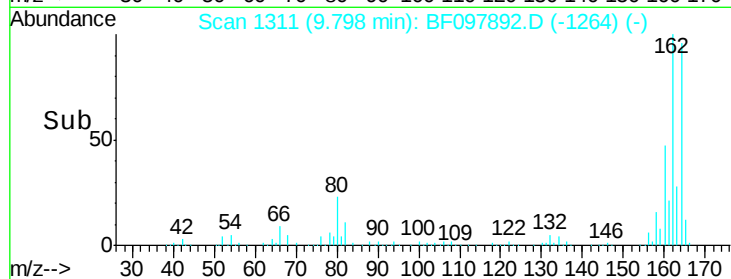
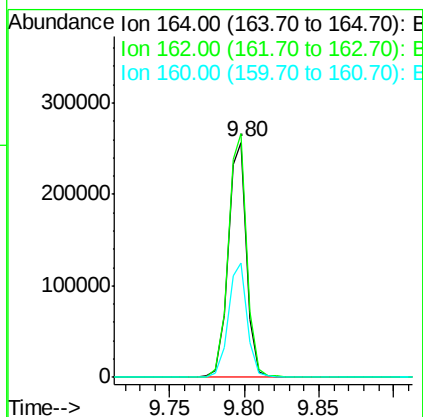
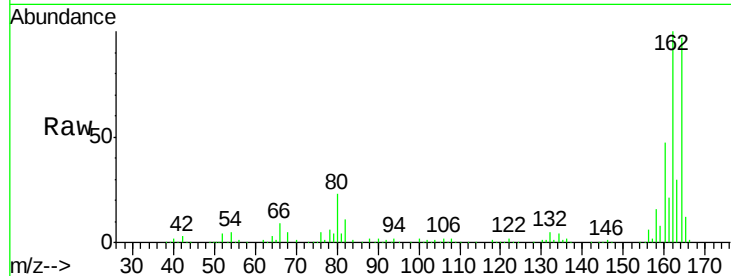




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF097892.D
Acq: 19 Aug 2017 21:28

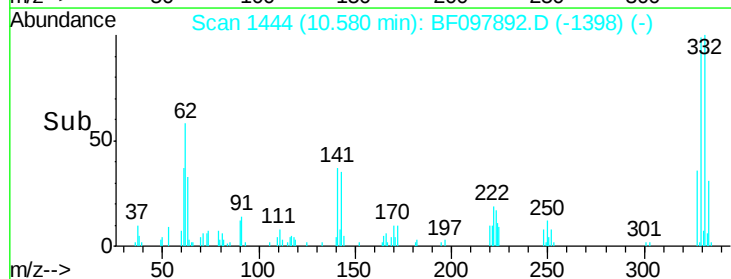
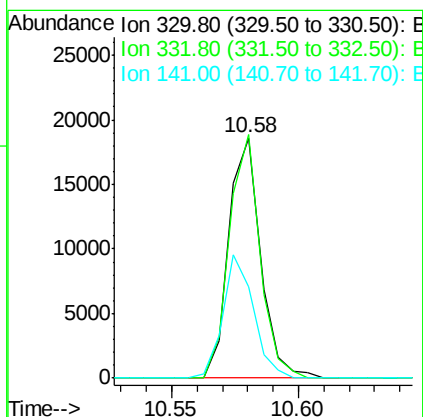
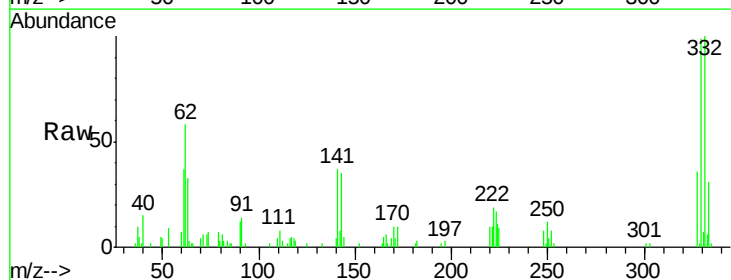
Instrument :
BNA_F
ClientSampleId :
VNJ-207

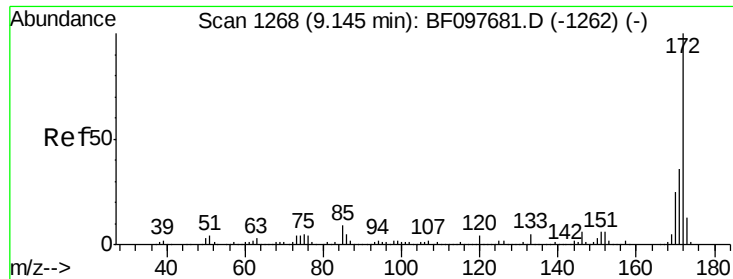
Tot Ion:164 Resp: 226422
Ion Ratio Lower Upper
164 100
162 103.5 82.6 123.8
160 48.7 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 8.26 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.03 min
Lab File: BF097892.D
Acq: 19 Aug 2017 21:28

Tgt Ion:330 Resp: 16230
Ion Ratio Lower Upper
330 100
332 97.7 76.6 115.0
141 49.3 31.4 47.2#

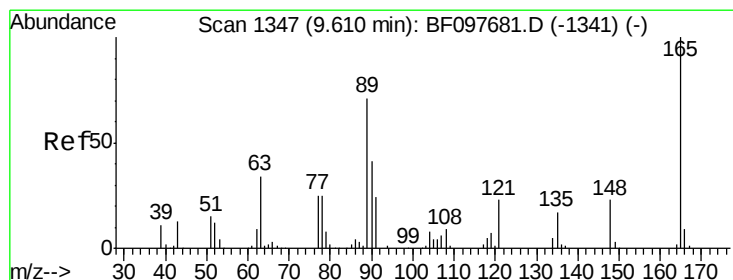
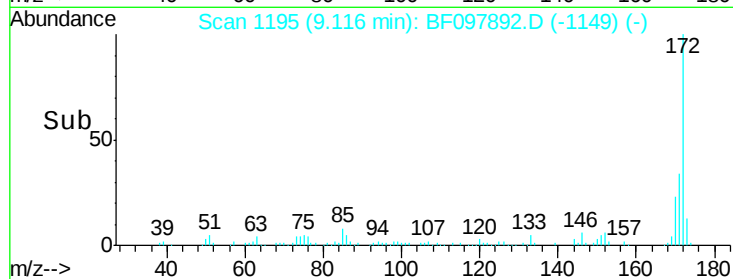
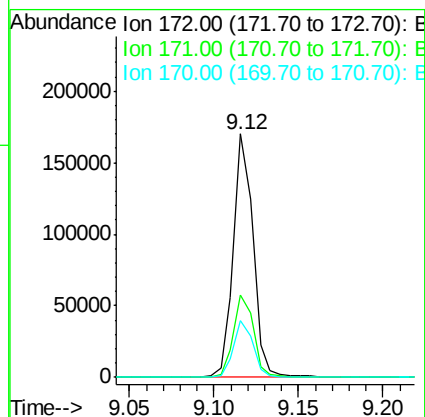
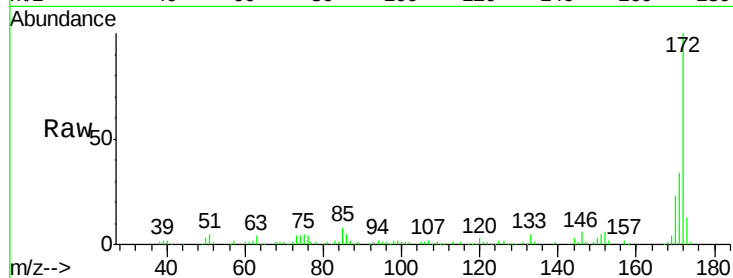




#44
 2-Fluorobiphenyl
 Concen: 8.98 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.03 min
 Lab File: BF097892.D
 Acq: 19 Aug 2017 21:28

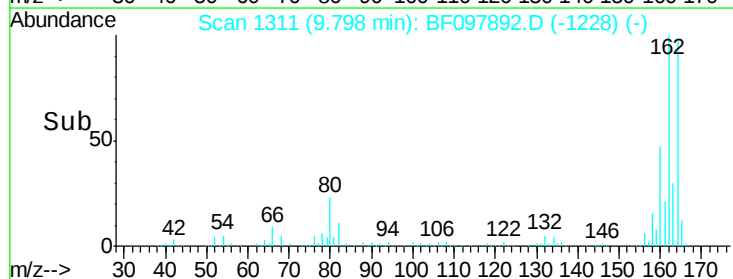
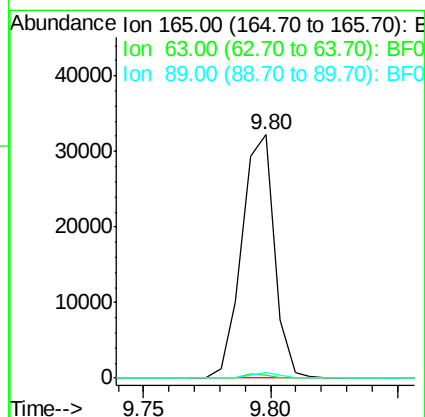
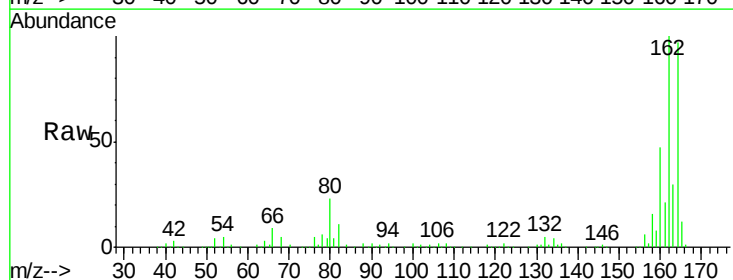
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 VNJ-207

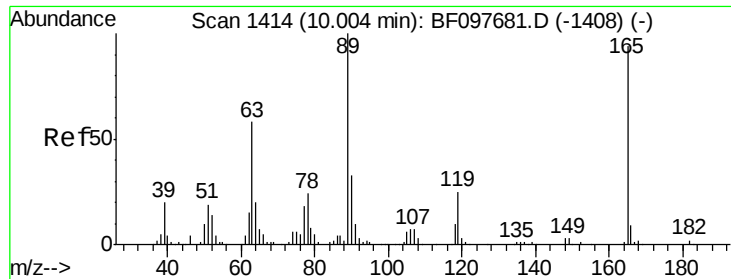
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.6	44.4
170	23.4	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 8.72 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.19 min
 Lab File: BF097892.D
 Acq: 19 Aug 2017 21:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	2.1	37.1	55.7#

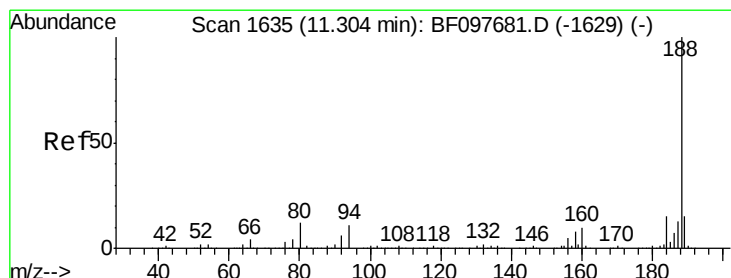
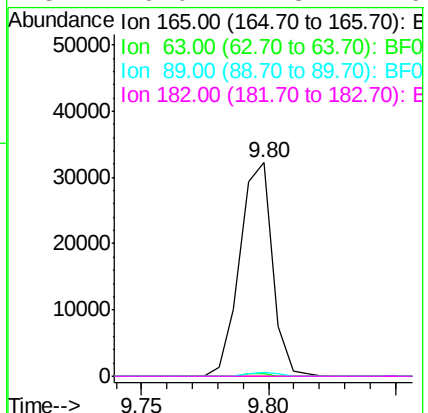
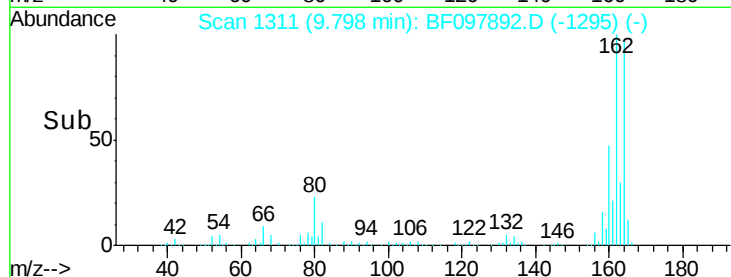
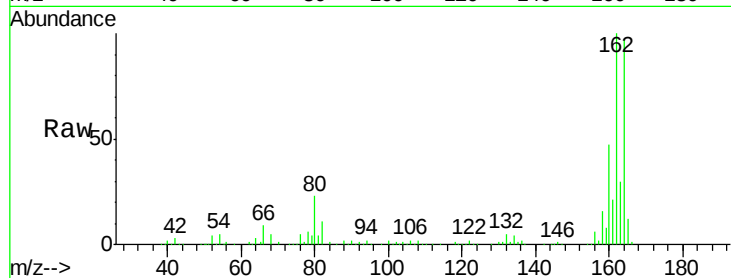




#56
 2,4-Dinitrotoluene
 Concen: 6.95 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.21 min
 Lab File: BF097892.D
 Acq: 19 Aug 2017 21:28

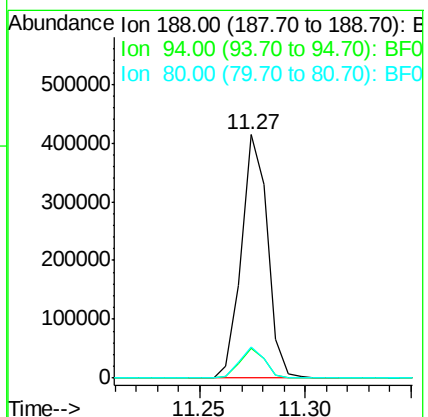
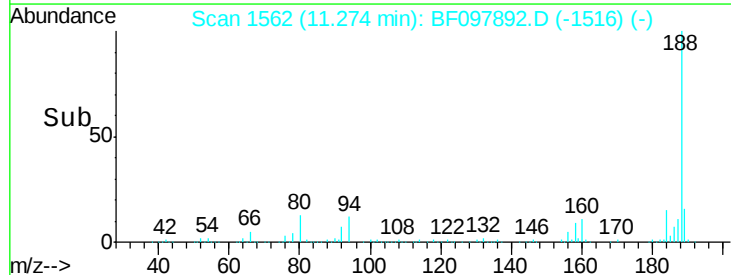
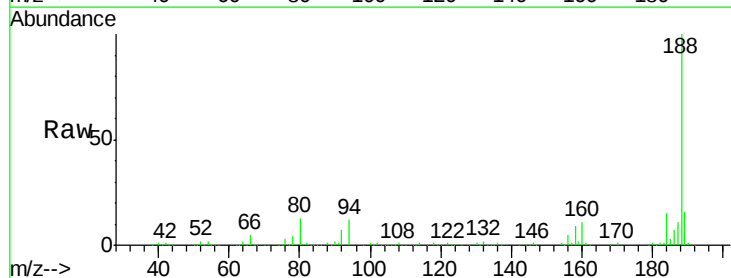
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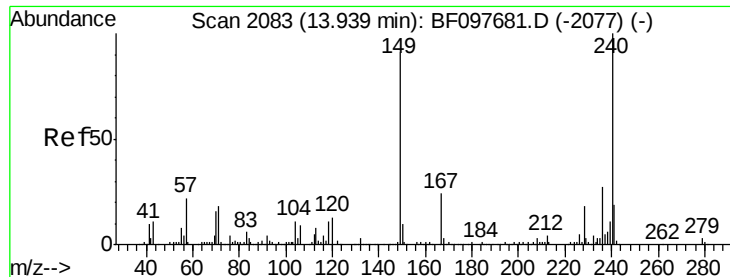
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	2.1	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.03 min
 Lab File: BF097892.D
 Acq: 19 Aug 2017 21:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.4	14.2
80	12.7	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.03 min

Lab File: BF097892.D

Acq: 19 Aug 2017 21:28

Instrument :

BNA_F

ClientSampleId :

VNJ-207

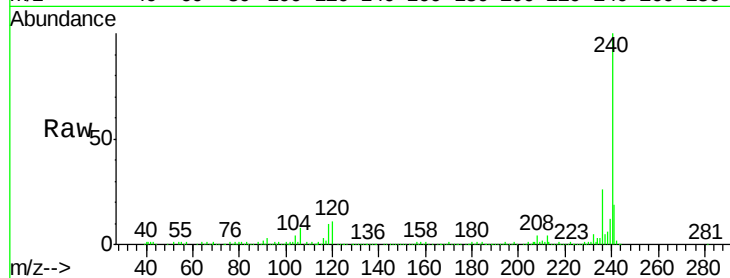
Tot Ion:240 Resp: 266301

Ion Ratio Lower Upper

240 100

120 10.9 5.8 8.8#

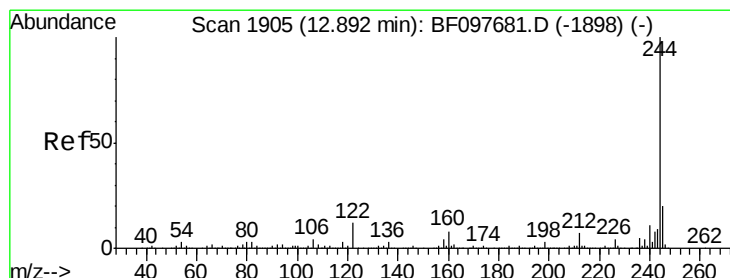
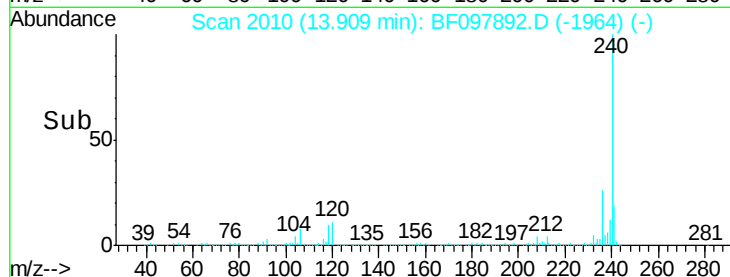
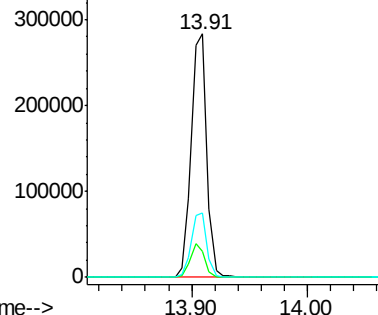
236 26.3 20.5 30.7



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: 6.09 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.04 min

Lab File: BF097892.D

Acq: 19 Aug 2017 21:28

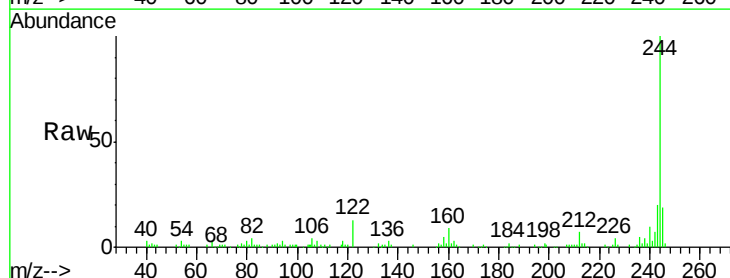
Tgt Ion:244 Resp: 77828

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

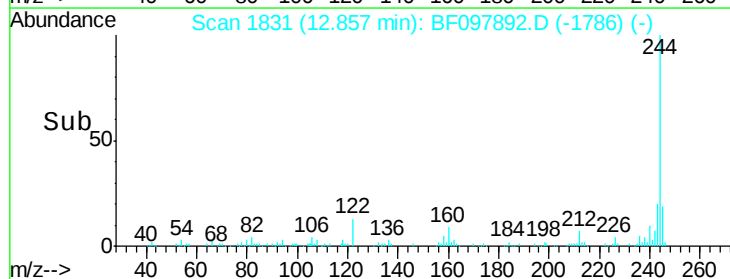
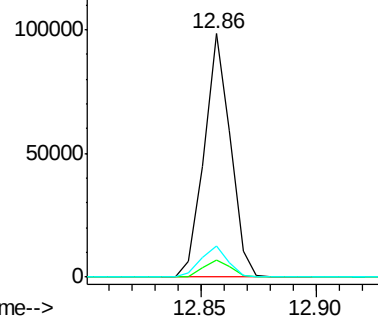
122 12.8 10.3 15.5

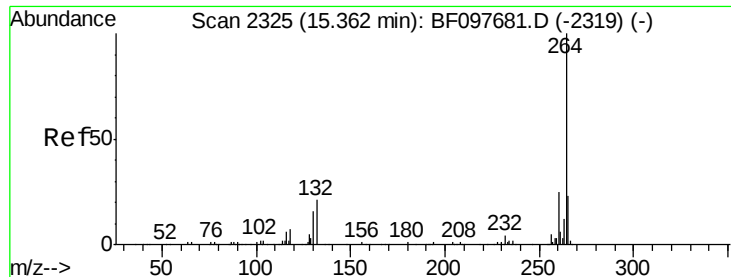


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. -0.03 min
 Lab File: BF097892.D
 Acq: 19 Aug 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-207

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.7	17.2	25.8

