

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098043.D
 Acq On : 25 Aug 2017 21:14
 Operator : SJ/JU
 Sample : I4946-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211

Quant Time: Aug 25 23:22:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

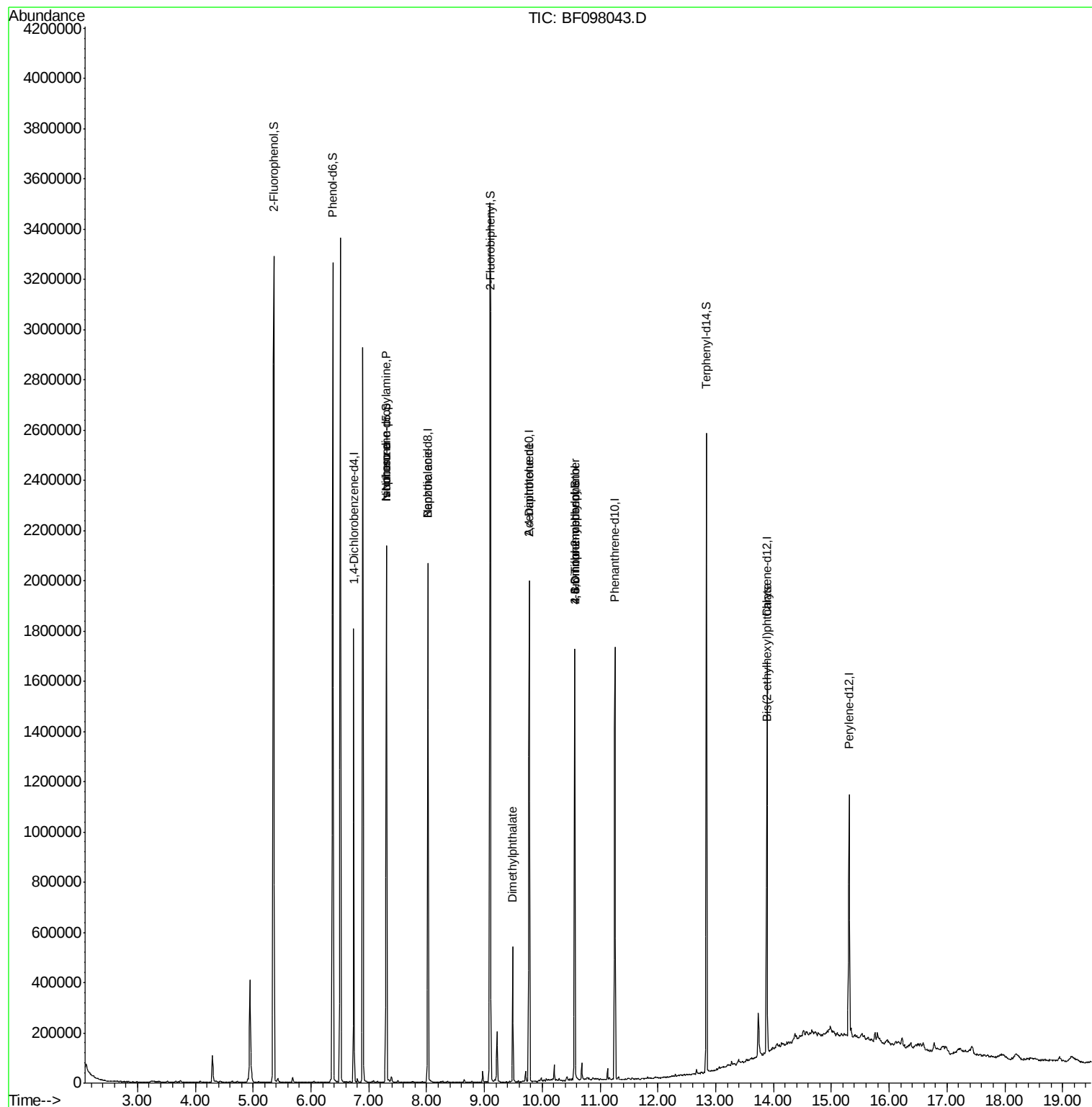
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	237340	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	910594	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	372905	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	589293	20.00	ng	0.00
75) Chrysene-d12	13.89	240	507317	20.00	ng	-0.01
86) Perylene-d12	15.31	264	462880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1058413	67.83	ng	0.00
7) Phenol-d6	6.38	99	1420605	67.01	ng	0.00
23) Nitrobenzene-d5	7.30	82	876168	52.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	209881	64.87	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1192470	46.98	ng	-0.01
78) Terphenyl-d14	12.84	244	794088	32.64	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	118891	8.19	ng	# 71
25) Isophorone	7.30	82	865561	24.83	ng	# 67
32) Benzoic acid	8.02	122	112	6.41	ng	# 1
49) Dimethylphthalate	9.49	163	175769	6.45	ng	99
56) 2,4-Dinitrotoluene	9.77	165	48238	7.06	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	533	8.48	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	13484	2.20	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.87	149	91474	5.19	ng	97

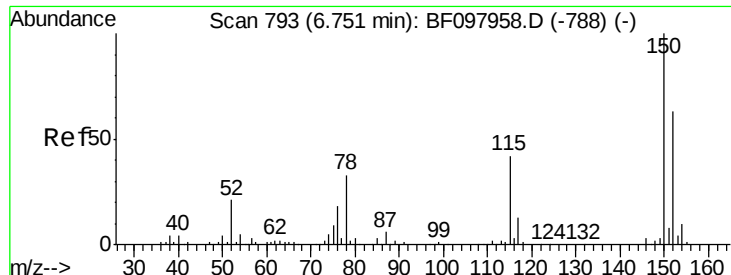
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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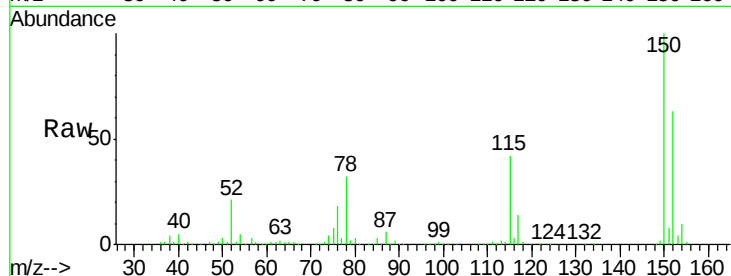


#1

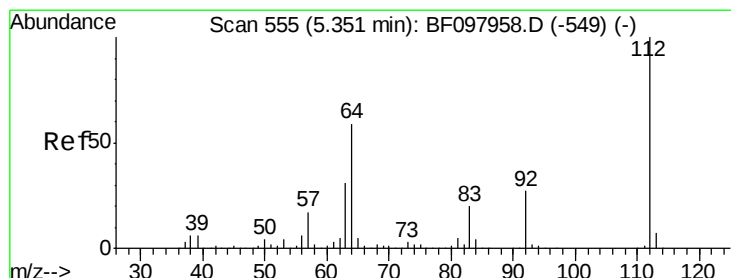
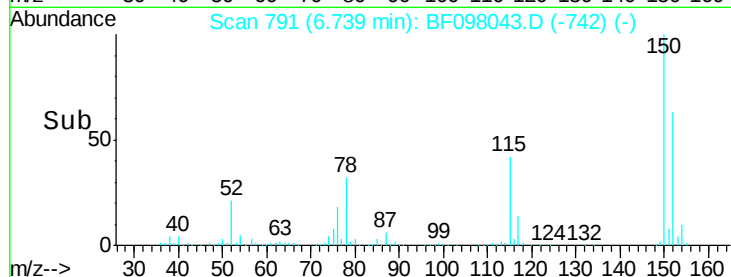
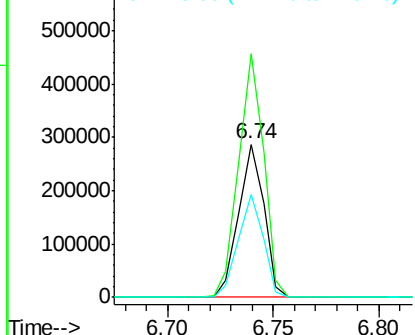
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098043.D
Acq: 25 Aug 2017 21:14

Instrument :
BNA_F
ClientSampleId :
VNJ-211

Tot Ion:152 Resp: 237340
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.2
115 67.1 52.2 78.2



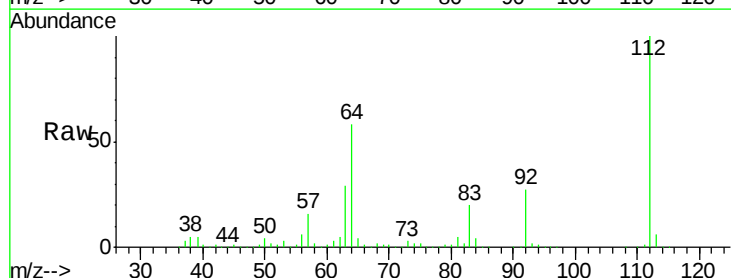
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



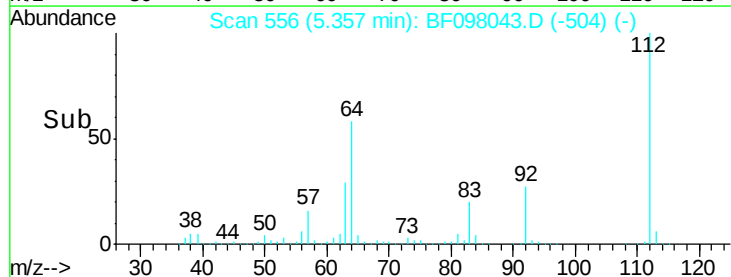
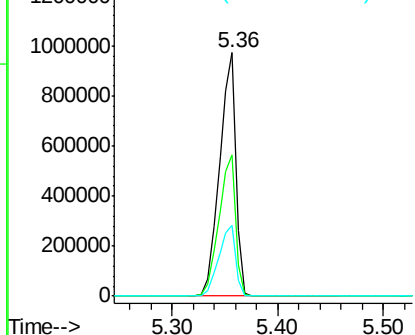
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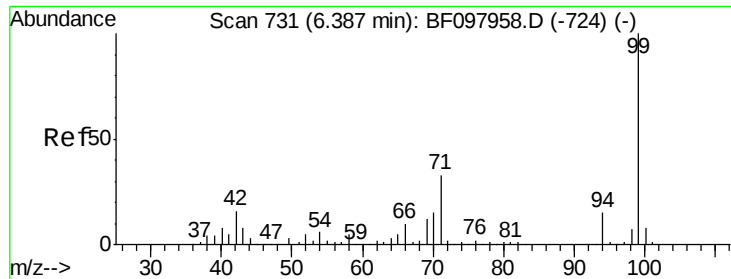
2-Fluorophenol
Concen: 67.83 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF098043.D
Acq: 25 Aug 2017 21:14

Tgt Ion:112 Resp: 1058413
Ion Ratio Lower Upper
112 100
64 57.8 46.0 69.0
63 29.0 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: 67.01 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098043.D

Acq: 25 Aug 2017 21:14

Instrument :

BNA_F

ClientSampleId :

VNJ-211

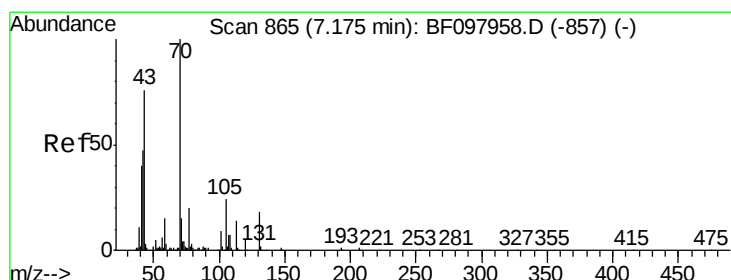
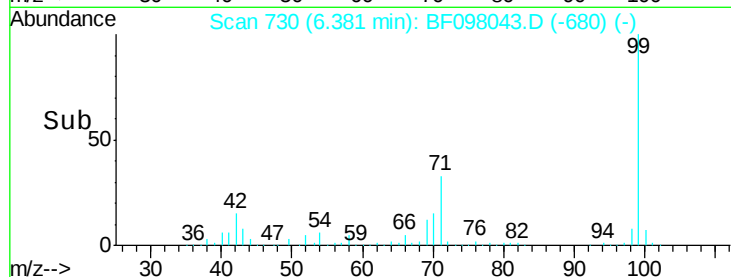
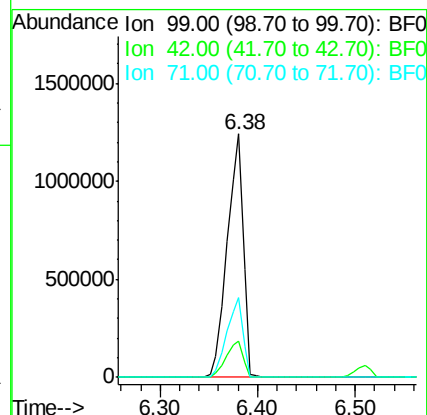
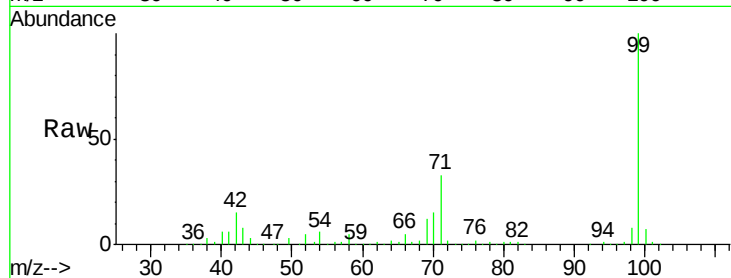
Tot Ion: 99 Resp: 1420605

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

71 32.6 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 8.19 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF098043.D

Acq: 25 Aug 2017 21:14

Tgt Ion: 70 Resp: 118891

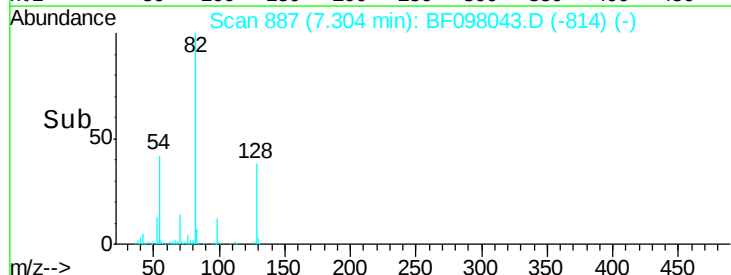
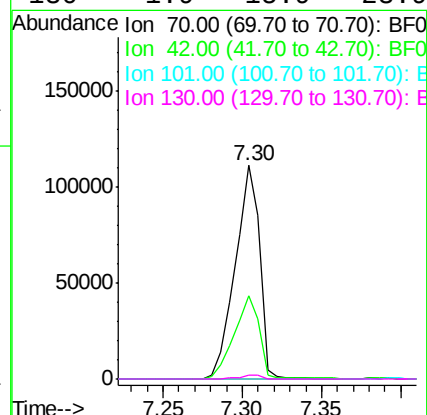
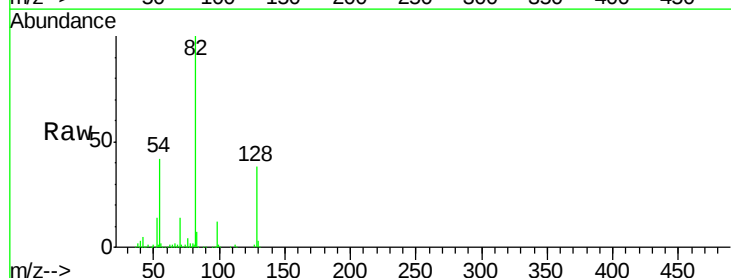
Ion Ratio Lower Upper

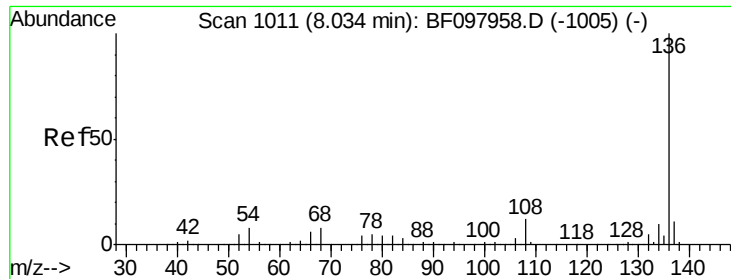
70 100

42 39.2 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

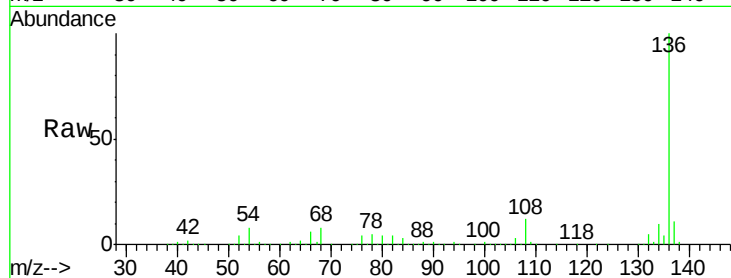




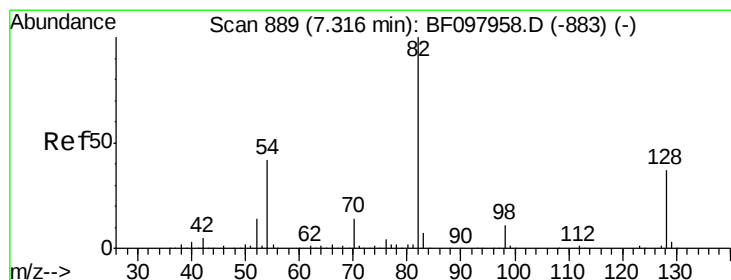
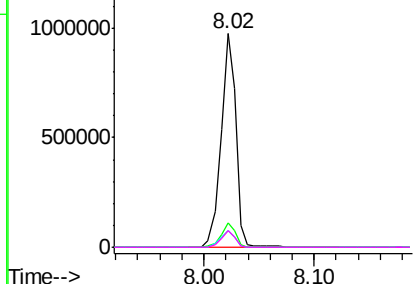
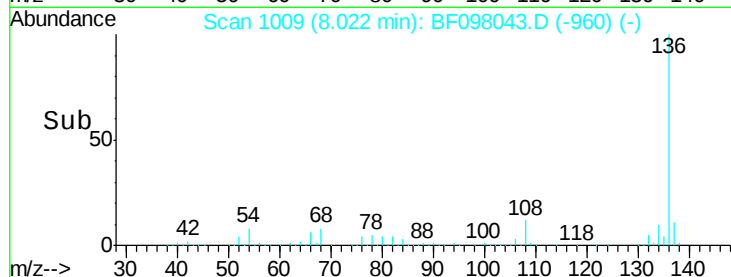
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098043.D
Acq: 25 Aug 2017 21:14

Instrument :
BNA_F
ClientSampled :
VNJ-211

Tot Ion:136	Resp:	910594
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.5 12.7
54	8.0	4.9 7.3#
68	7.6	4.1 6.1#

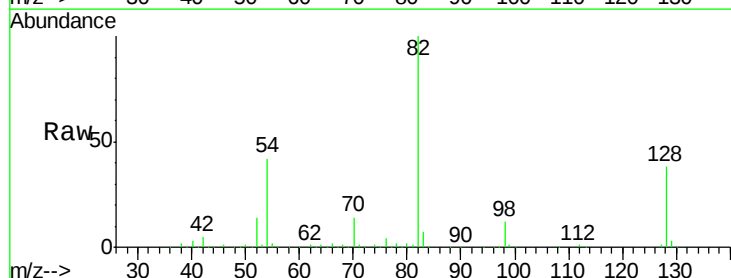


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

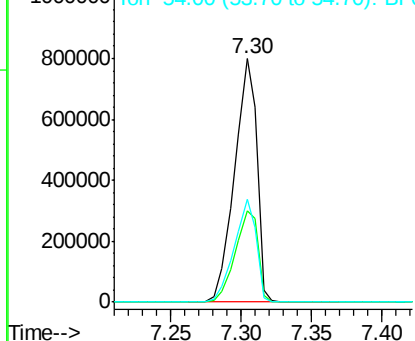
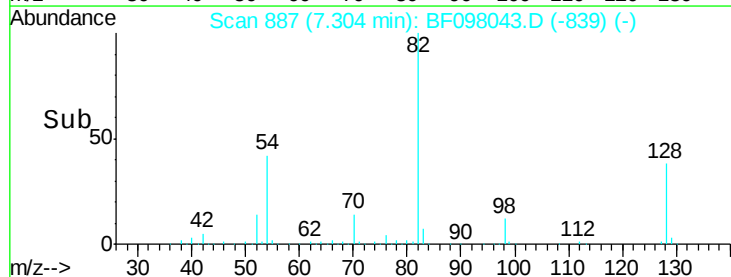


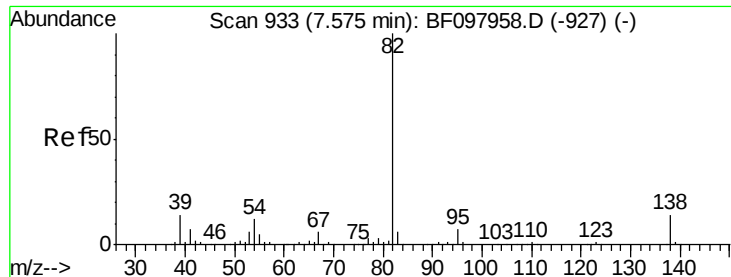
#23
Nitrobenzene-d5
Concen: 52.27 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098043.D
Acq: 25 Aug 2017 21:14

Tgt Ion: 82	Resp:	876168
Ion Ratio	Lower	Upper
82	100	
128	37.7	34.0 51.0
54	42.0	42.2 63.2#



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





#25

Isophorone

Concen: 24.83 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF098043.D

Acq: 25 Aug 2017 21:14

Instrument :

BNA_F

ClientSampled :

VNJ-211

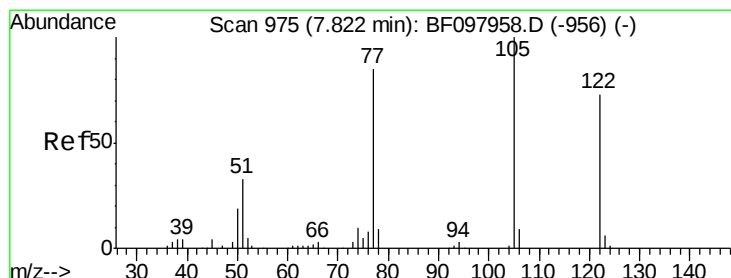
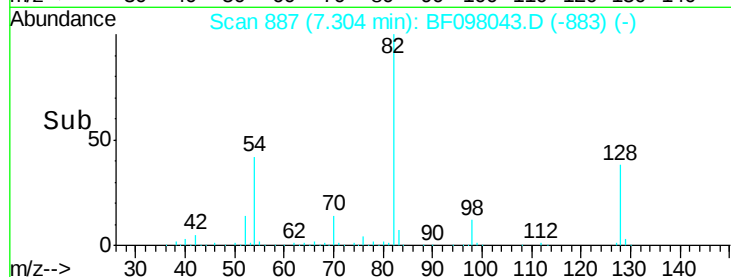
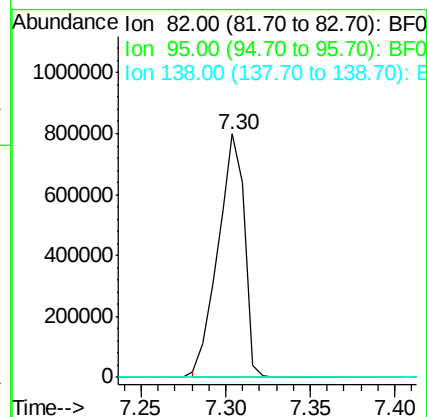
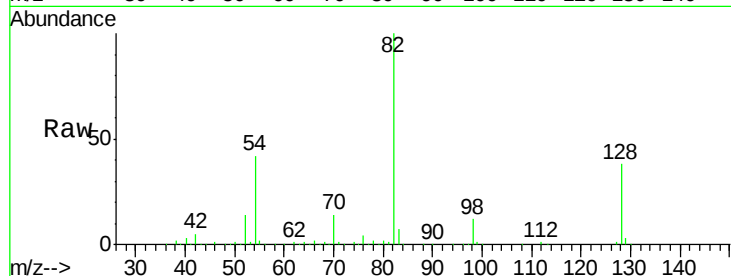
Tot Ion: 82 Resp: 865561

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#32

Benzoic acid

Concen: 6.41 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.19 min

Lab File: BF098043.D

Acq: 25 Aug 2017 21:14

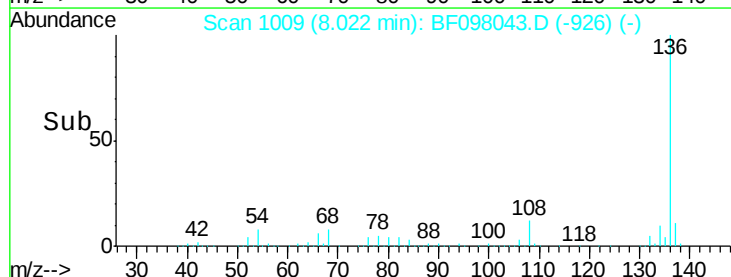
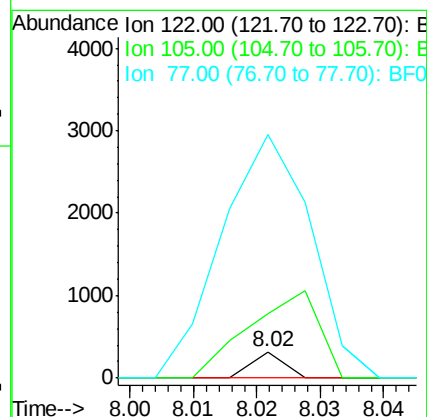
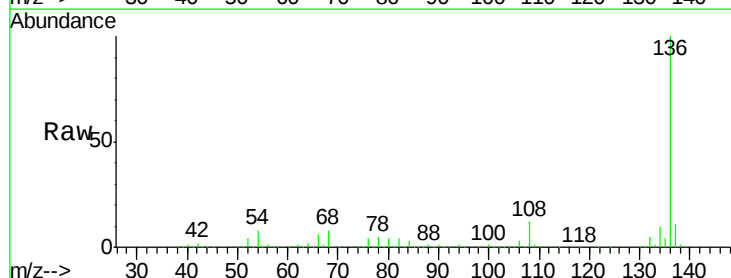
Tgt Ion: 122 Resp: 112

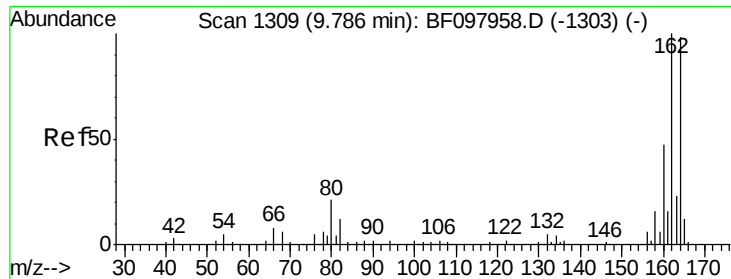
Ion Ratio Lower Upper

122 100

105 247.6 103.3 143.3#

77 931.5 73.7 113.7#

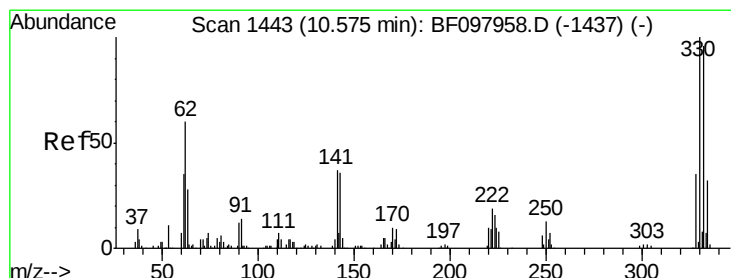
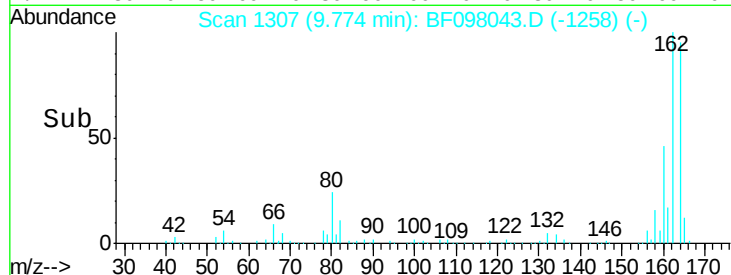
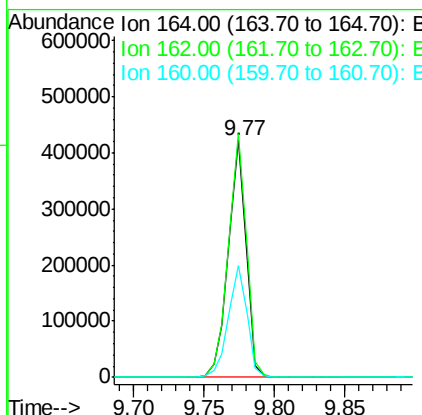
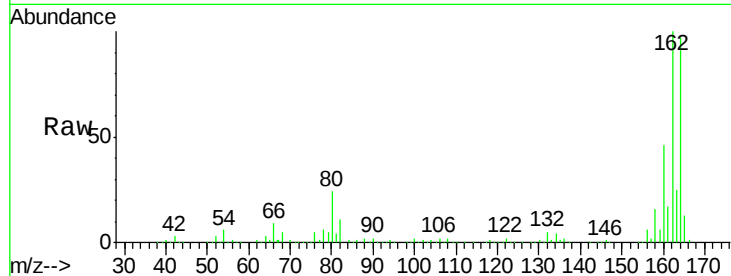




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098043.D
Acq: 25 Aug 2017 21:14

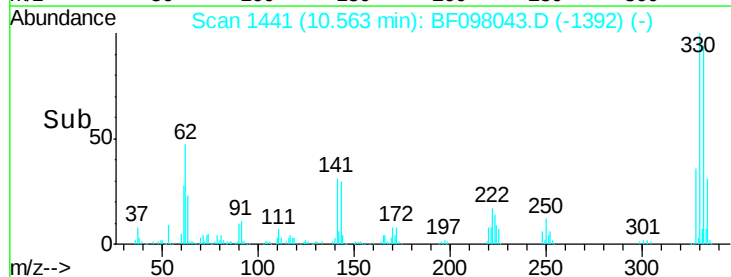
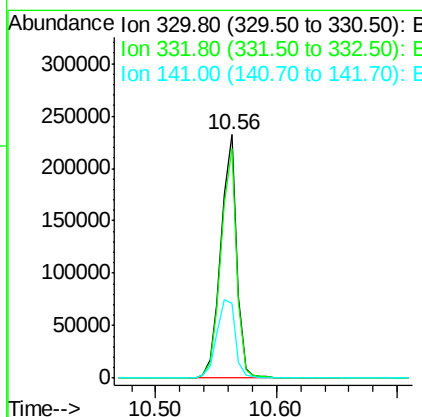
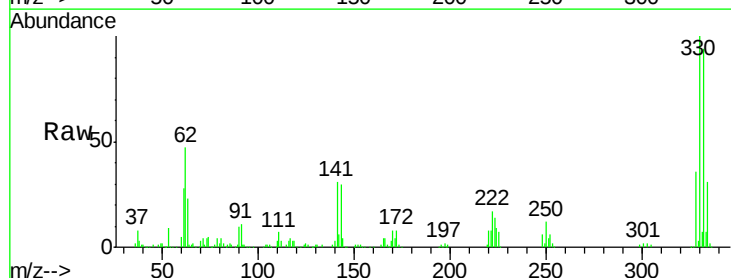
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VNJ-211

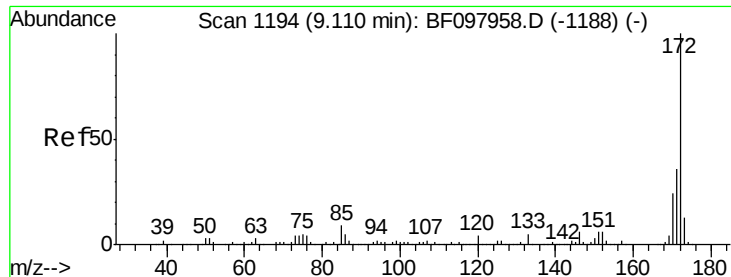
Tot Ion:164 Resp: 372905
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 47.4 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 64.87 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF098043.D
Acq: 25 Aug 2017 21:14

Tgt Ion:330 Resp: 209881
Ion Ratio Lower Upper
330 100
332 94.3 76.6 115.0
141 37.8 31.4 47.2



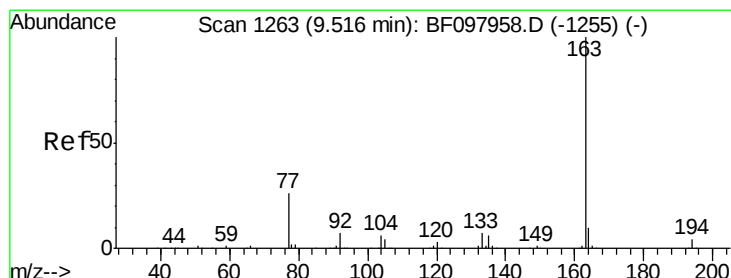
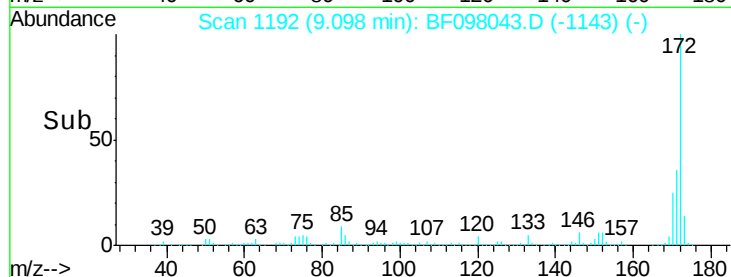
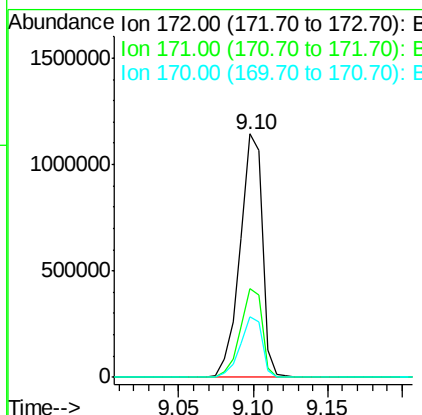
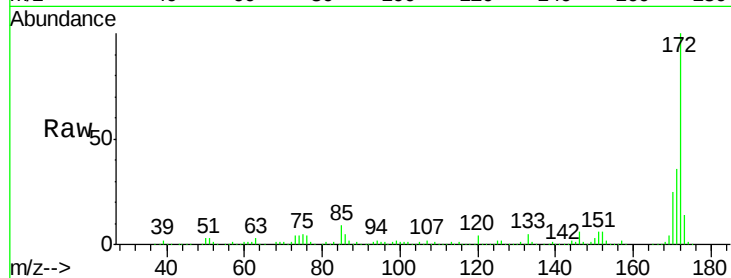


#44
 2-Fluorobiphenyl
 Concen: 46.98 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098043.D
 Acq: 25 Aug 2017 21:14

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211

Tot Ion:172 Resp: 1192470

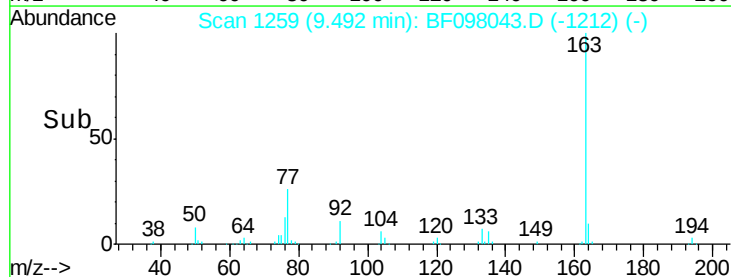
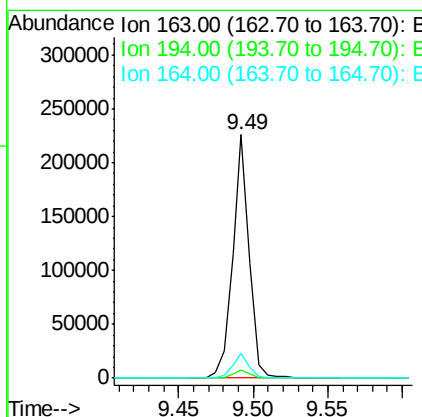
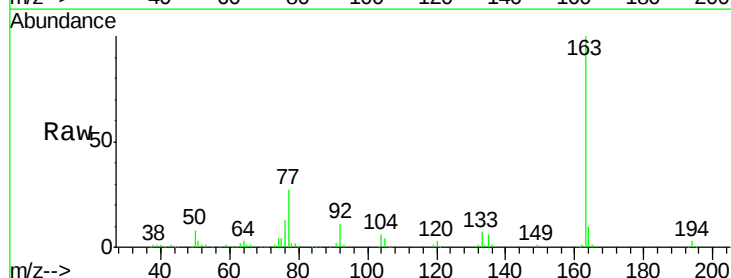
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.7	19.8	29.8

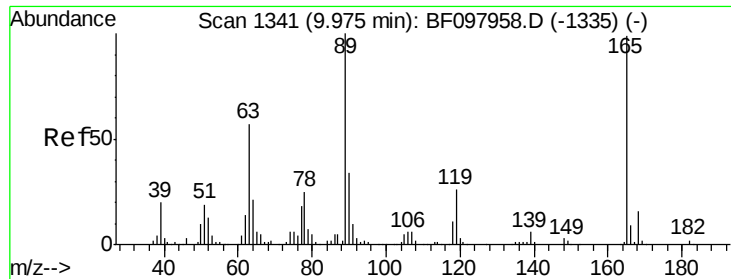


#49
 Dimethylphthalate
 Concen: 6.45 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF098043.D
 Acq: 25 Aug 2017 21:14

Tgt Ion:163 Resp: 175769

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.1	8.4	12.6

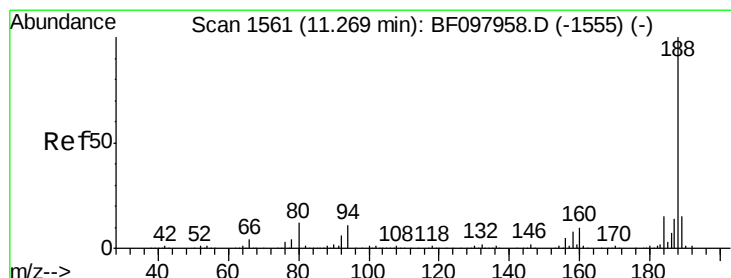
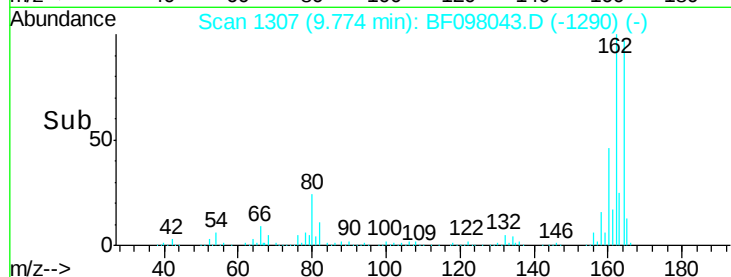
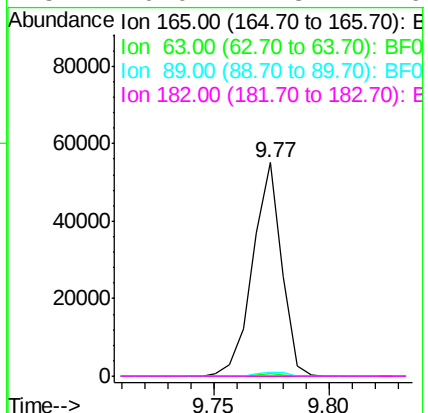
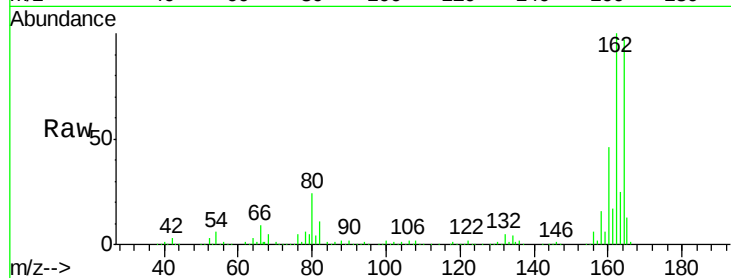




#56
 2,4-Dinitrotoluene
 Concen: 7.06 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF098043.D
 Acq: 25 Aug 2017 21:14

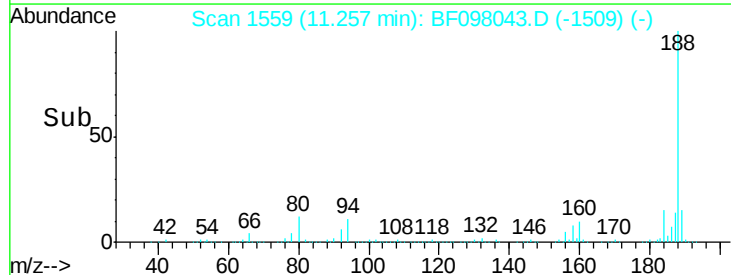
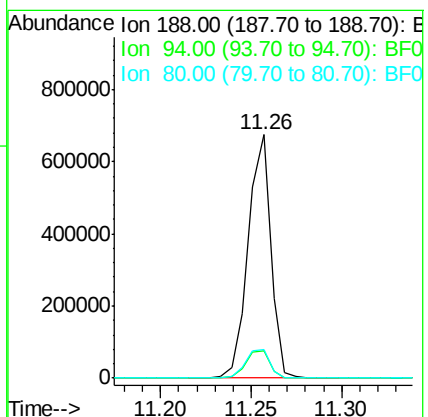
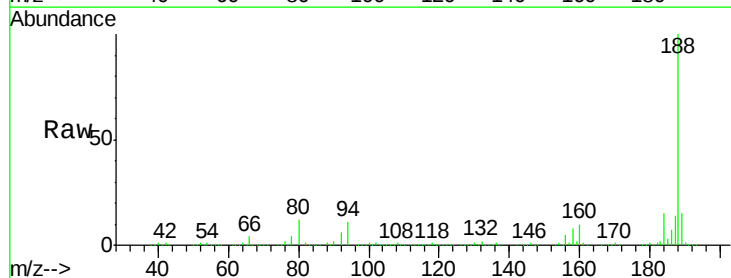
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211

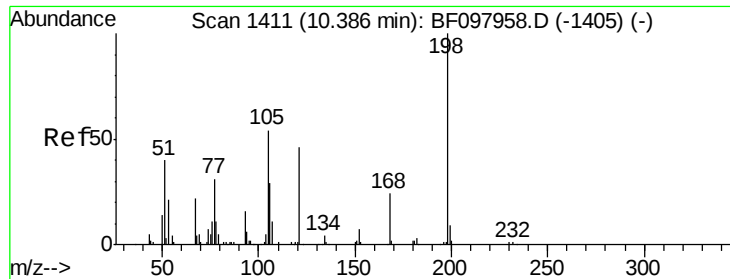
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098043.D
 Acq: 25 Aug 2017 21:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	11.8	10.2	15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.48 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.18 min

Lab File: BF098043.D

Acq: 25 Aug 2017 21:14

Instrument :

BNA_F

ClientSampled :

VNJ-211

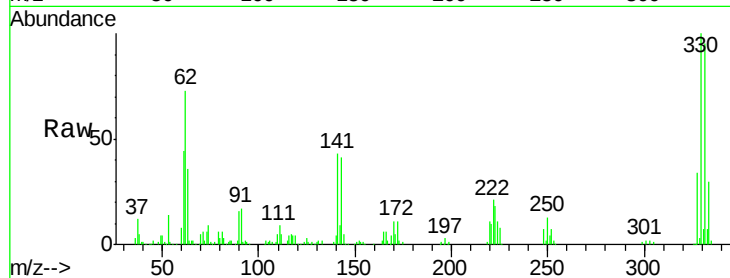
Tot Ion:198 Resp: 533

Ion Ratio Lower Upper

198 100

51 136.6 53.2 93.2#

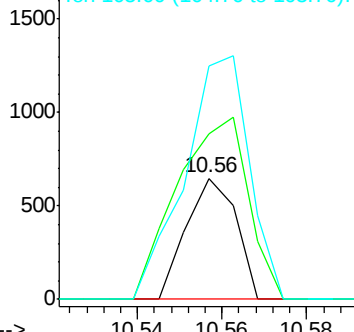
105 192.7 45.8 85.8#



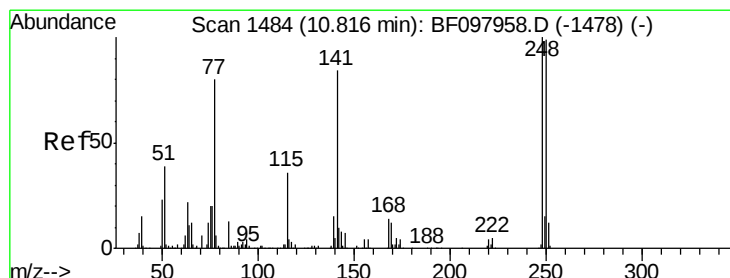
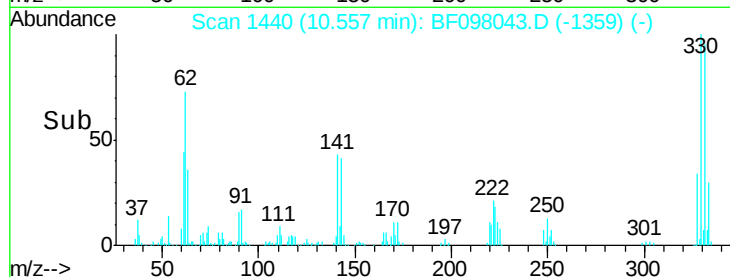
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 2.20 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.25 min

Lab File: BF098043.D

Acq: 25 Aug 2017 21:14

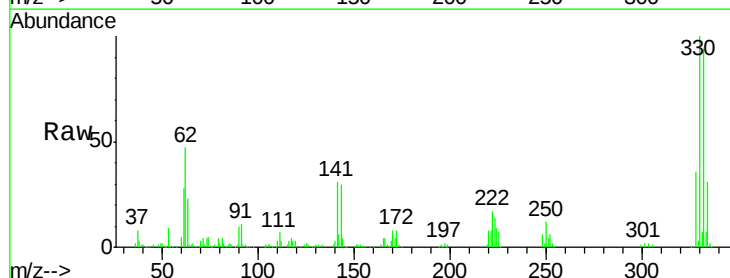
Tgt Ion:248 Resp: 13484

Ion Ratio Lower Upper

248 100

250 193.0 76.8 115.2#

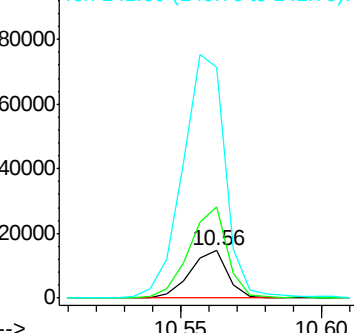
141 489.7 68.6 103.0#



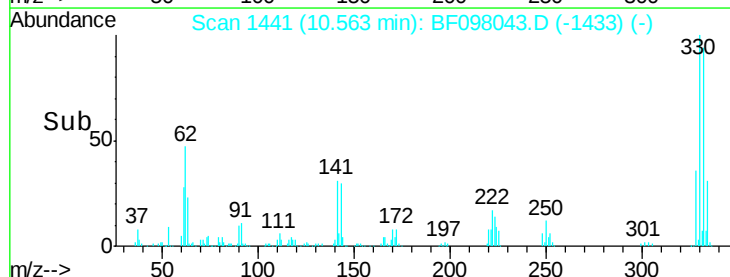
Abundance Ion 248.00 (247.70 to 248.70): E

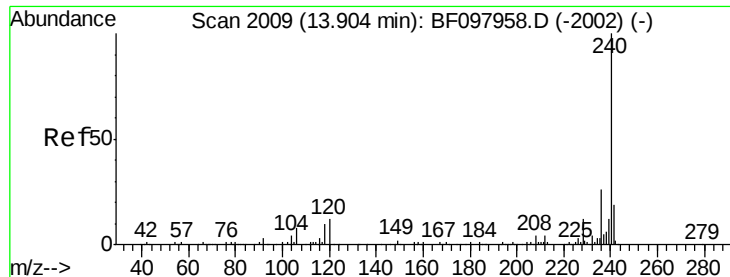
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098043.D

Acq: 25 Aug 2017 21:14

Instrument :

BNA_F

ClientSampleId :

VNJ-211

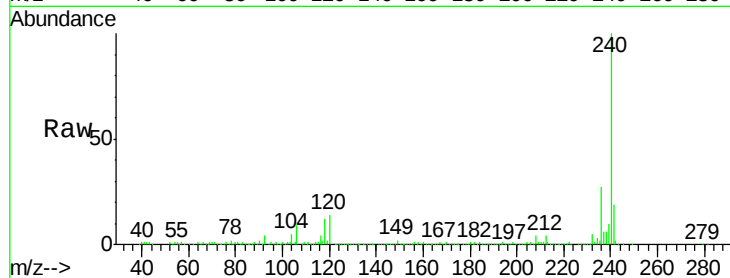
Tot Ion:240 Resp: 507317

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

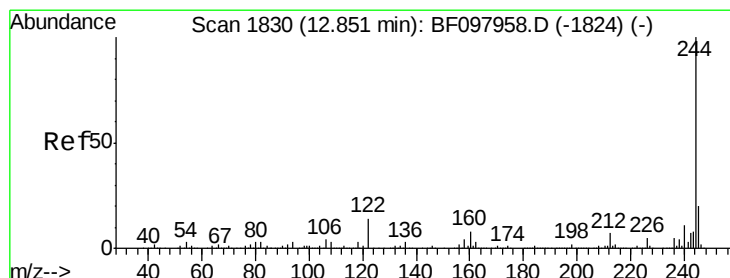
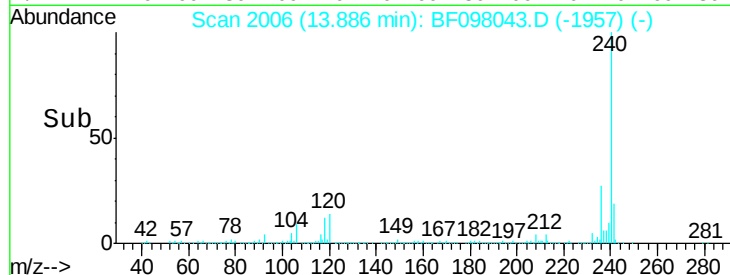
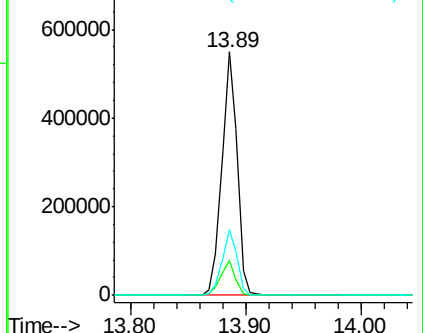
236 26.8 20.5 30.7



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: 32.64 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098043.D

Acq: 25 Aug 2017 21:14

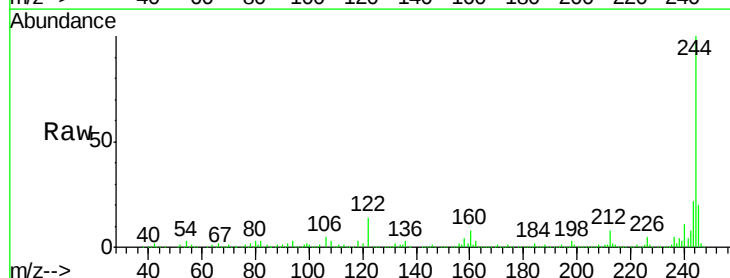
Tgt Ion:244 Resp: 794088

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

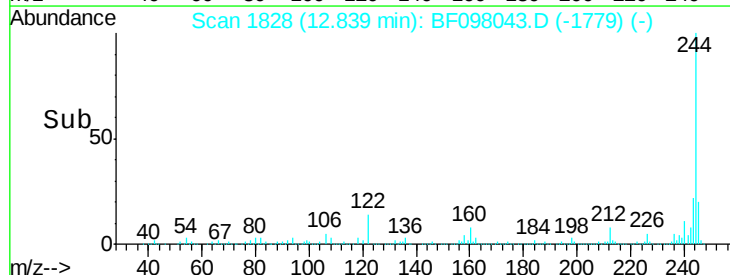
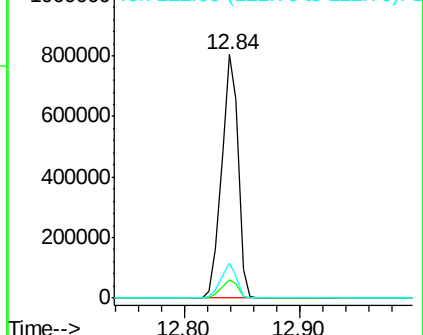
122 14.4 10.3 15.5

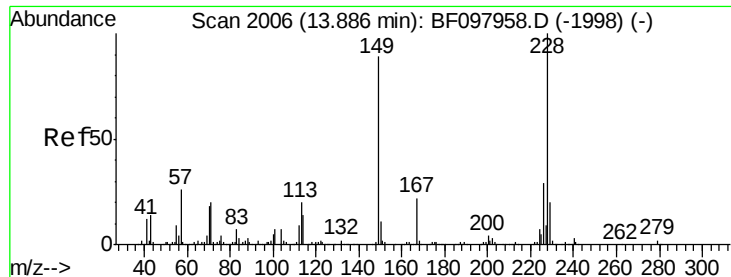


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.19 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF098043.D

Acq: 25 Aug 2017 21:14

Instrument :

BNA_F

ClientSampleId :

VNJ-211

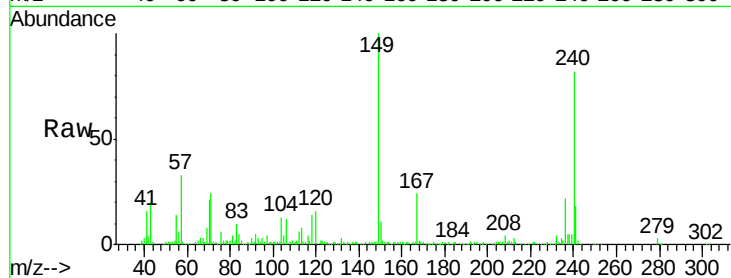
Tot Ion:149 Resp: 91474

Ion Ratio Lower Upper

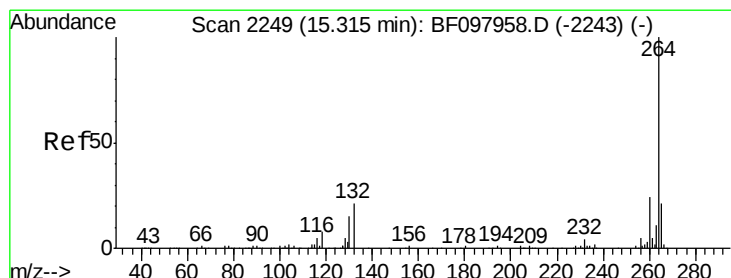
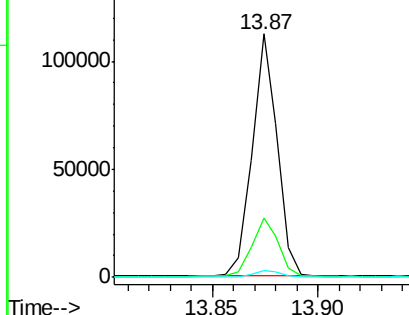
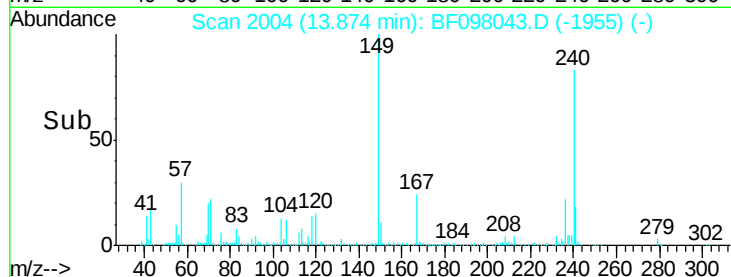
149 100

167 24.4 21.0 31.4

279 2.6 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.31 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BF098043.D

Acq: 25 Aug 2017 21:14

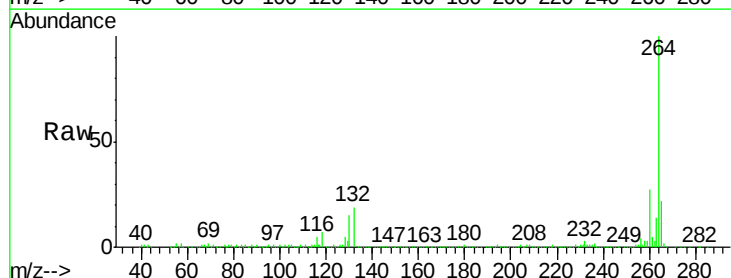
Tgt Ion:264 Resp: 462880

Ion Ratio Lower Upper

264 100

260 26.5 19.5 29.3

265 21.9 17.2 25.8



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

