

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098292.D
 Acq On : 7 Sep 2017 00:22
 Operator : SJ/JU
 Sample : I5075-07 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-221

Quant Time: Sep 07 03:41:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

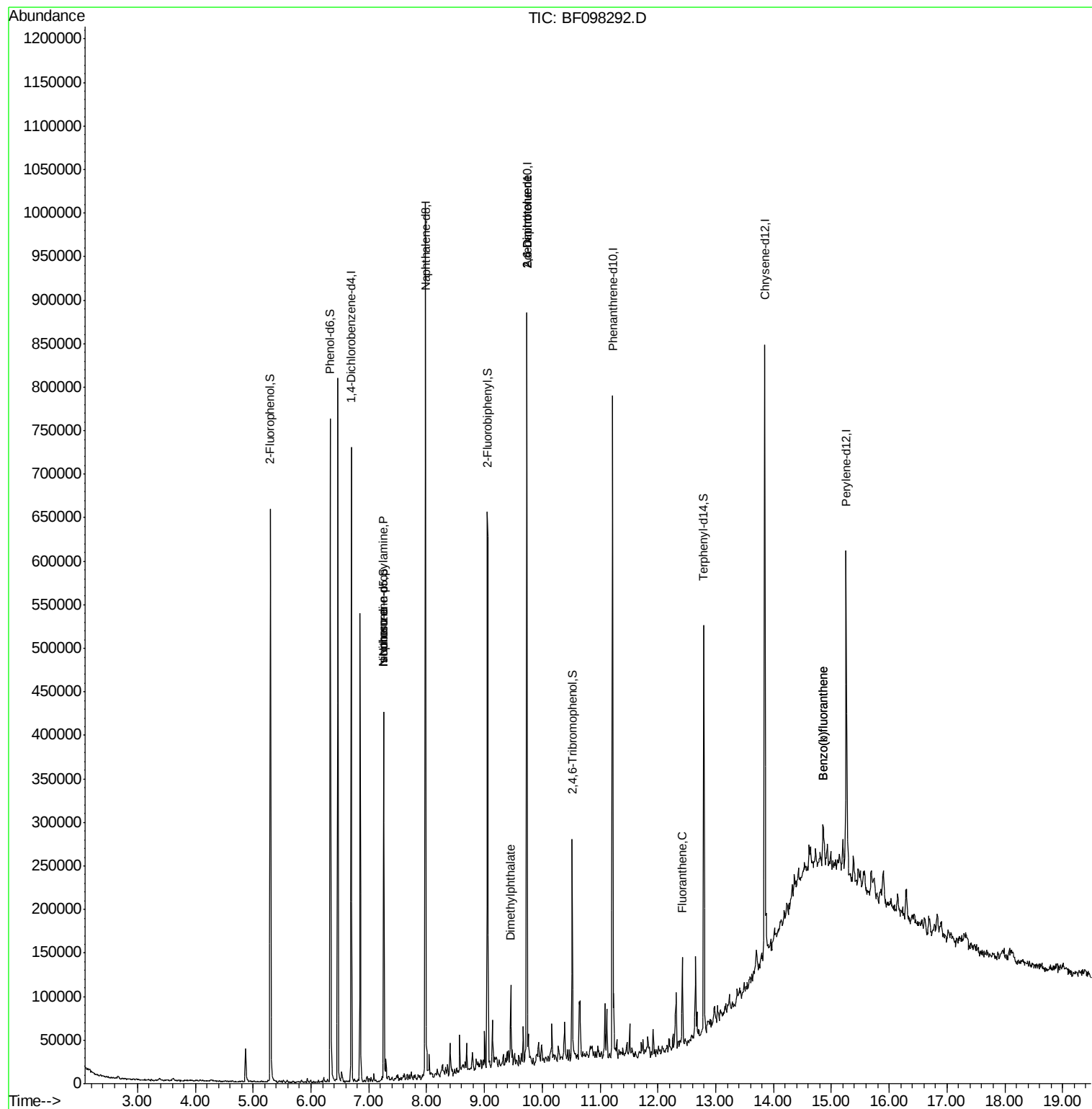
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106962	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	405178	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	155274	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	258538	20.00	ng	0.00
75) Chrysene-d12	13.85	240	240825	20.00	ng	-0.01
86) Perylene-d12	15.26	264	163801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	192997	27.45	ng	0.00
7) Phenol-d6	6.33	99	261309	27.35	ng	-0.02
23) Nitrobenzene-d5	7.26	82	136343	18.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	27969	20.76	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	199037	18.83	ng	-0.01
78) Terphenyl-d14	12.80	244	140625	12.18	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	17594	2.69	ng	# 73
25) Isophorone	7.26	82	134546	8.68	ng	# 67
49) Dimethylphthalate	9.45	163	22755	2.00	ng	# 97
50) 2,6-Dinitrotoluene	9.73	165	20237	8.93	ng	# 34
56) 2,4-Dinitrotoluene	9.73	165	20237	7.12	ng	# 33
74) Fluoranthene	12.42	202	33846	2.35	ng	99
87) Benzo(b)fluoranthene	14.86	252	21905	2.12	ng	# 72
88) Benzo(k)fluoranthene	14.86	252	21905	2.26	ng	# 77

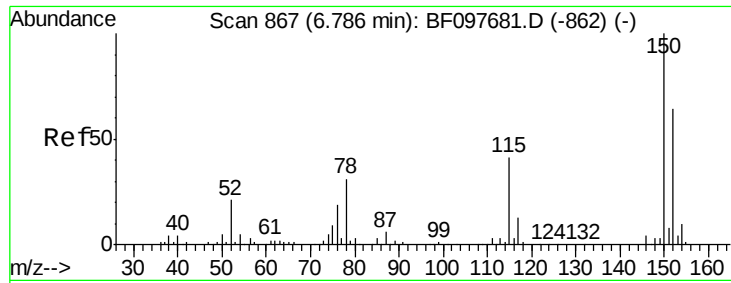
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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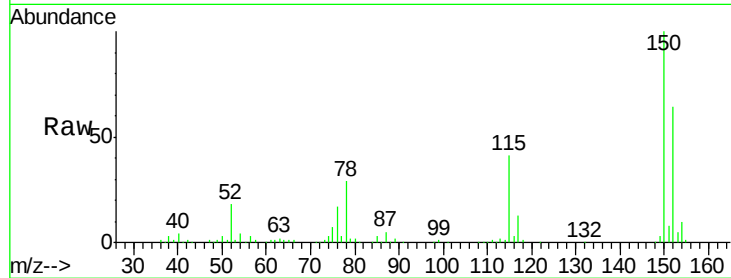


#1

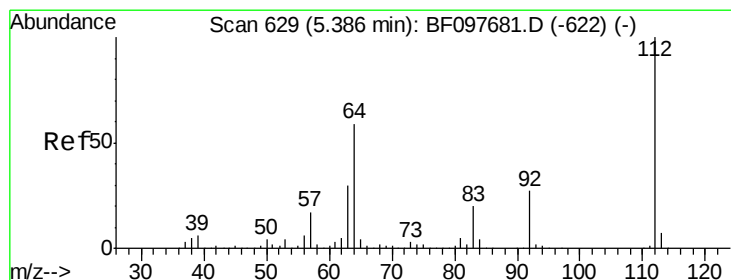
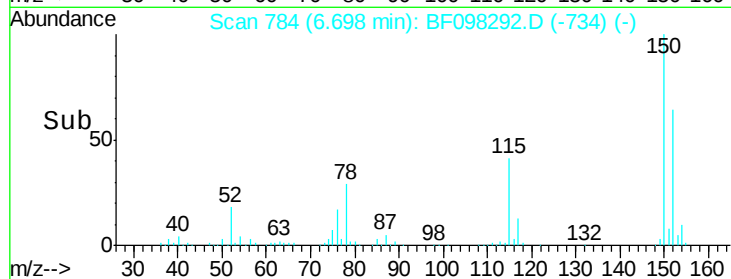
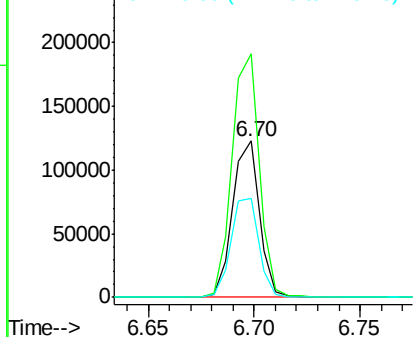
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

Instrument :
BNA_F
ClientSampleId :
VNJ-221

Tot Ion:152 Resp: 106962
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 63.3 52.2 78.2



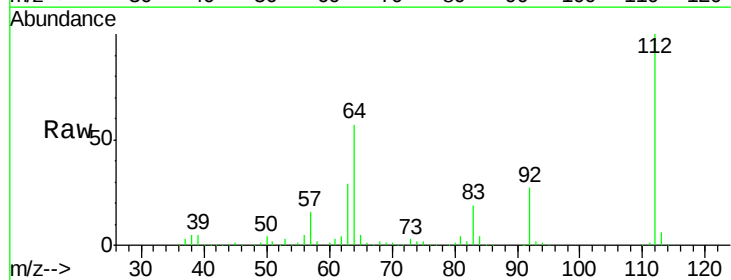
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



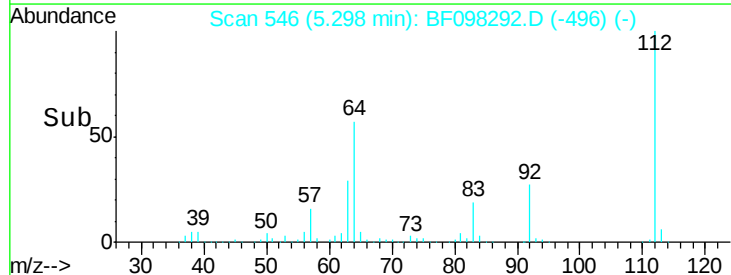
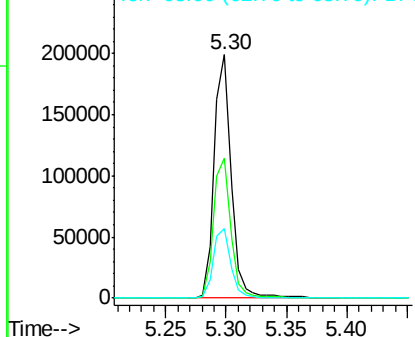
#5

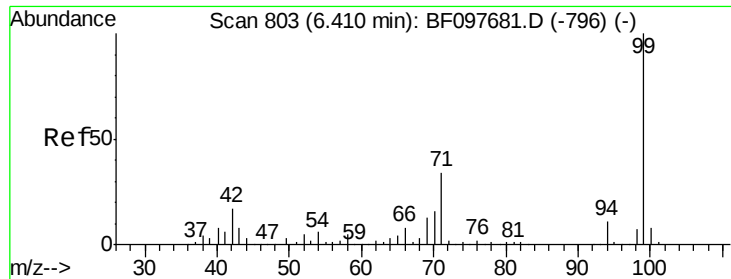
2-Fluorophenol
Concen: 27.45 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

Tgt Ion:112 Resp: 192997
Ion Ratio Lower Upper
112 100
64 57.3 46.0 69.0
63 28.7 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: 27.35 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098292.D

Acq: 7 Sep 2017 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-221

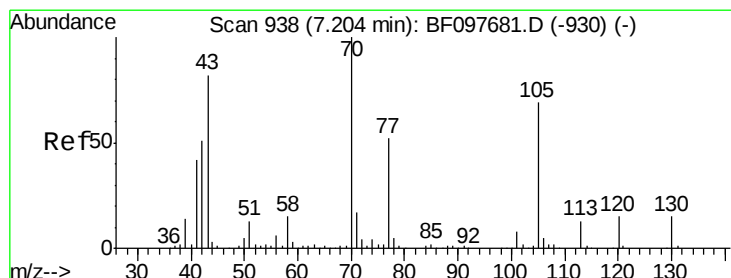
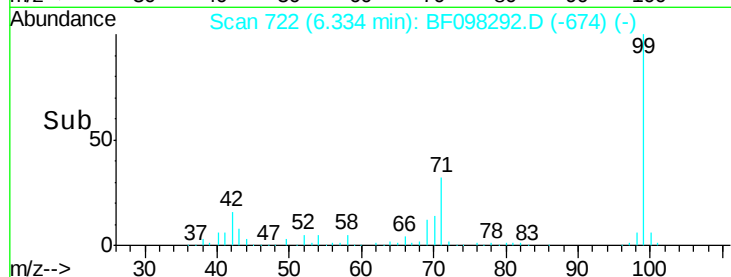
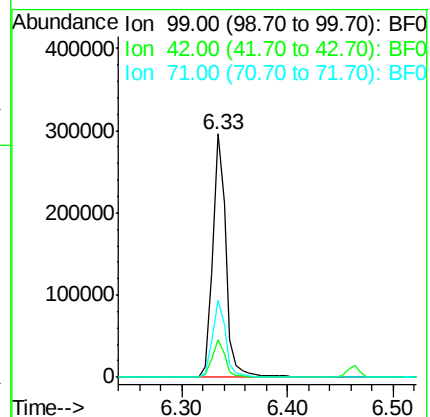
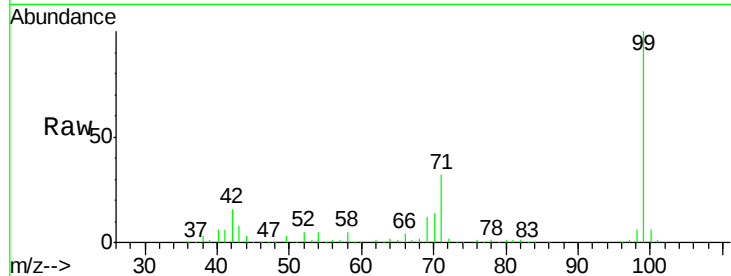
Tot Ion: 99 Resp: 261309

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

71 31.7 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 2.69 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF098292.D

Acq: 7 Sep 2017 00:22

Tgt Ion: 70 Resp: 17594

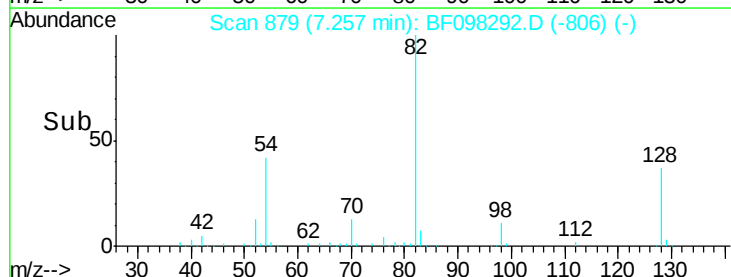
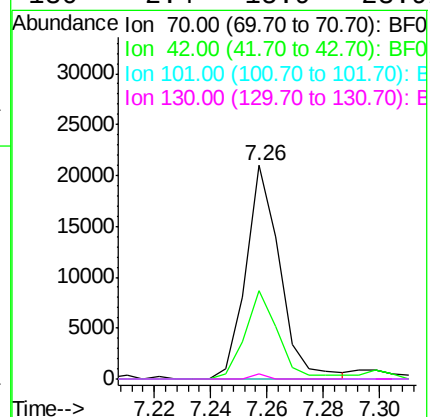
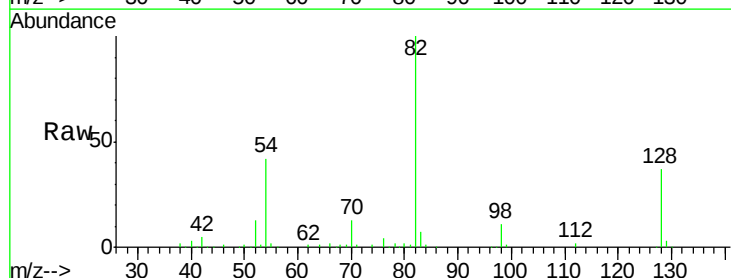
Ion Ratio Lower Upper

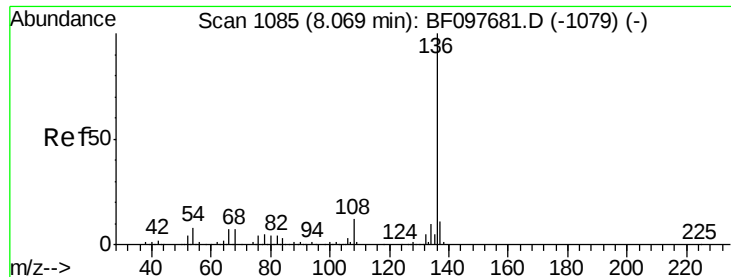
70 100

42 41.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

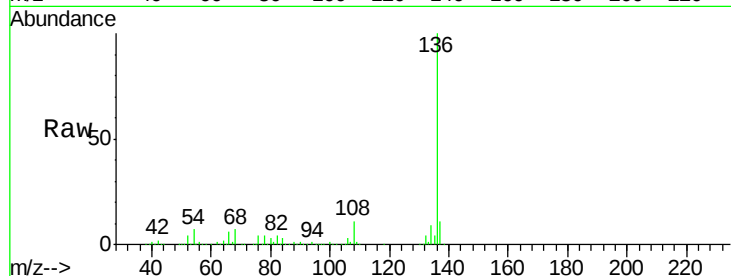




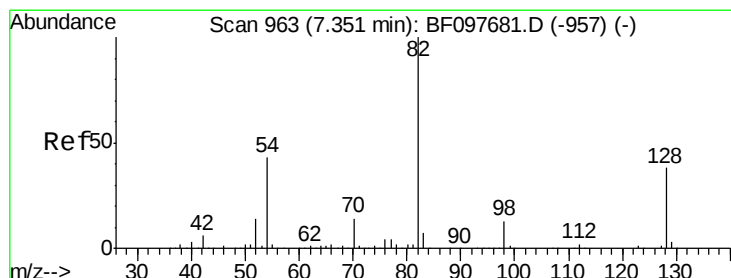
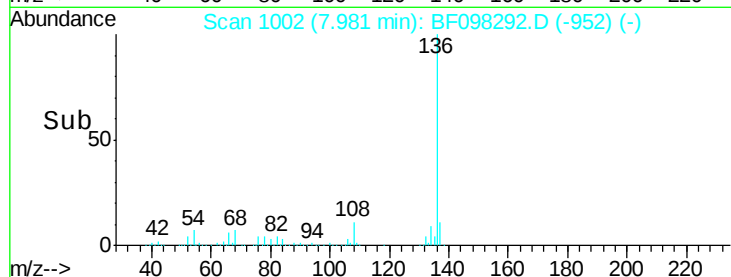
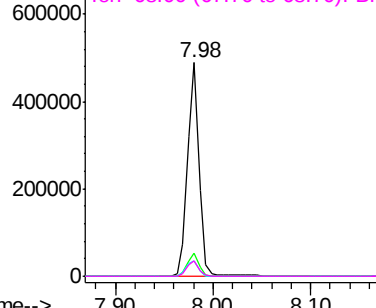
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

Instrument :
BNA_F
ClientSampleId :
VNJ-221

Tot Ion:136	Resp:	405178
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.5 12.7
54	7.3	4.9 7.3
68	7.4	4.1 6.1#

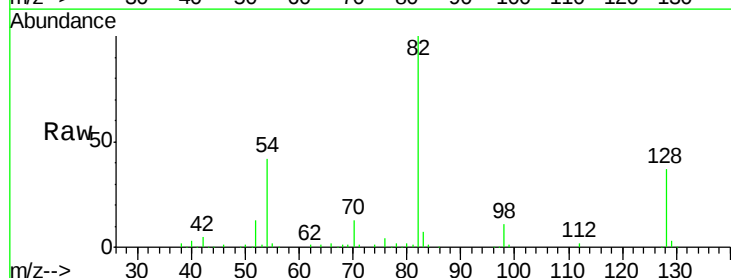


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

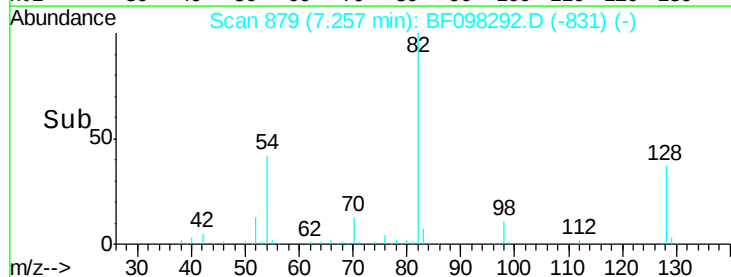
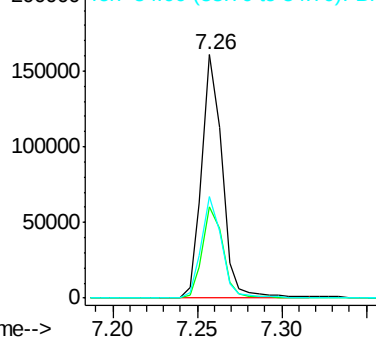


#23
Nitrobenzene-d5
Concen: 18.28 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

Tgt Ion: 82	Resp:	136343
Ion	Ratio	Lower Upper
82	100	
128	37.3	34.0 51.0
54	41.5	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: 8.68 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF098292.D

Acq: 7 Sep 2017 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-221

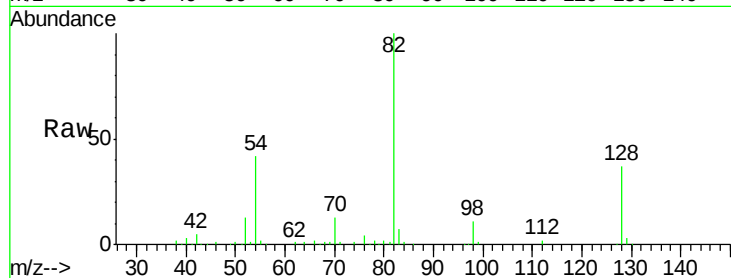
Tot Ion: 82 Resp: 134546

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

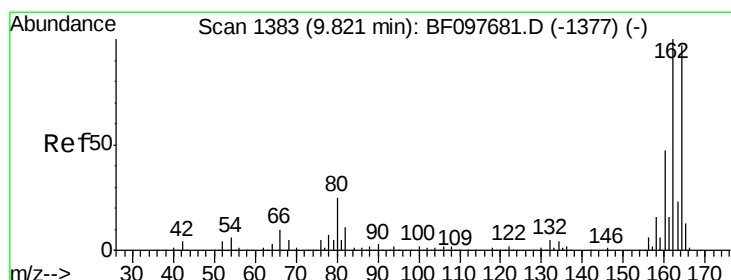
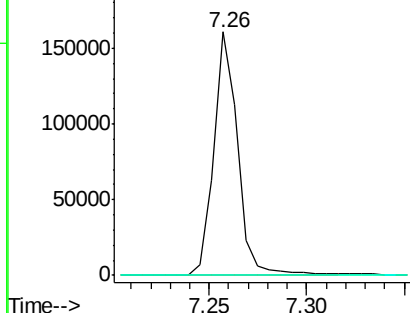
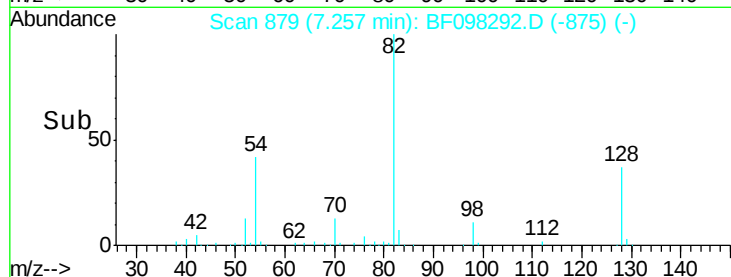
138 0.0 13.1 19.7#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098292.D

Acq: 7 Sep 2017 00:22

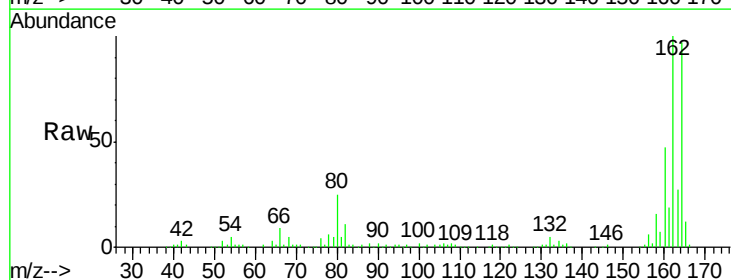
Tgt Ion: 164 Resp: 155274

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

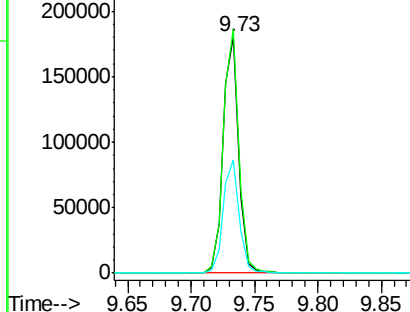
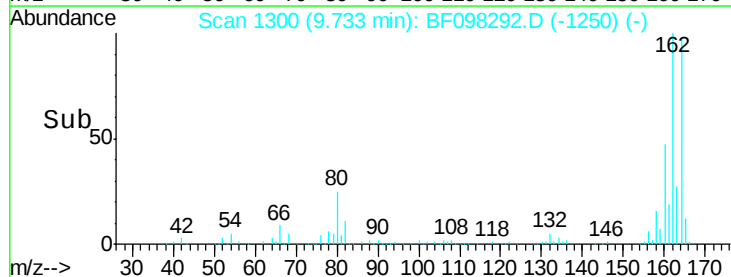
160 48.2 36.2 54.2

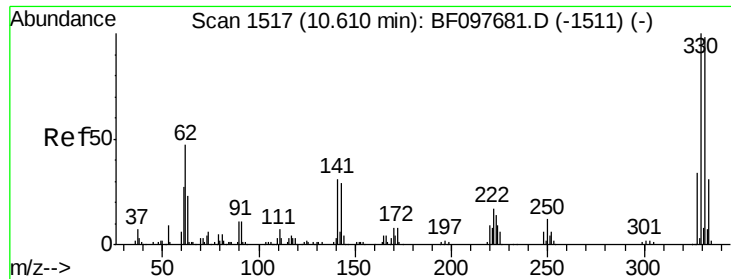


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 20.76 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF098292.D

Acq: 7 Sep 2017 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-221

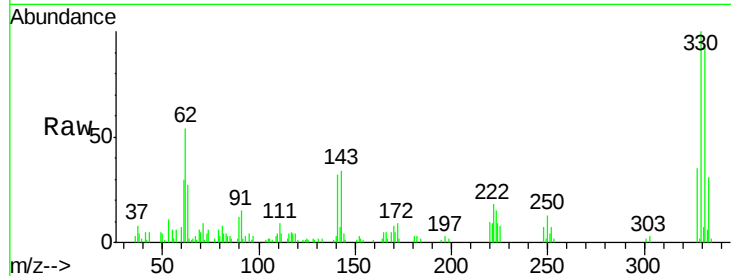
Tot Ion:330 Resp: 27969

Ion Ratio Lower Upper

330 100

332 93.6 76.6 115.0

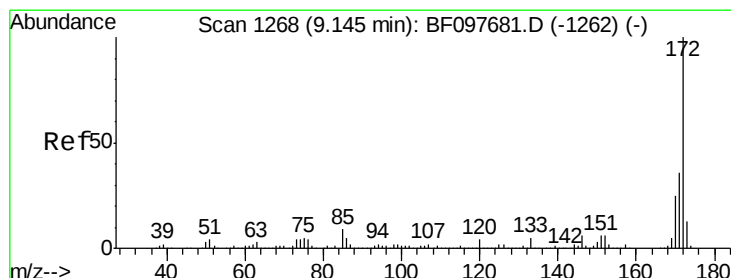
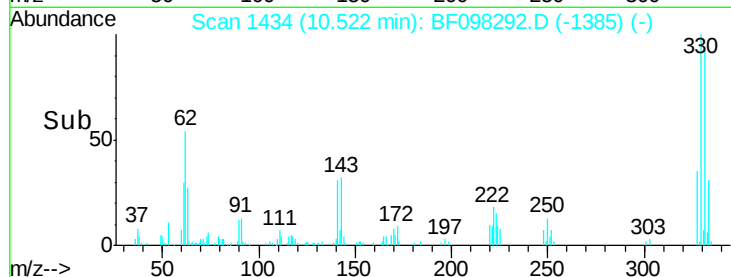
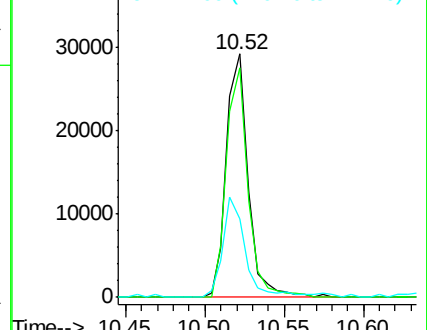
141 42.5 31.4 47.2



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: 18.83 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF098292.D

Acq: 7 Sep 2017 00:22

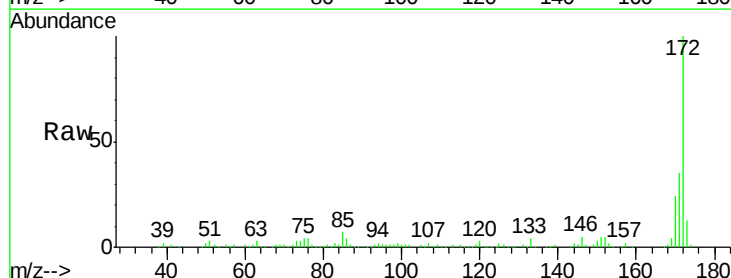
Tgt Ion:172 Resp: 199037

Ion Ratio Lower Upper

172 100

171 34.6 29.6 44.4

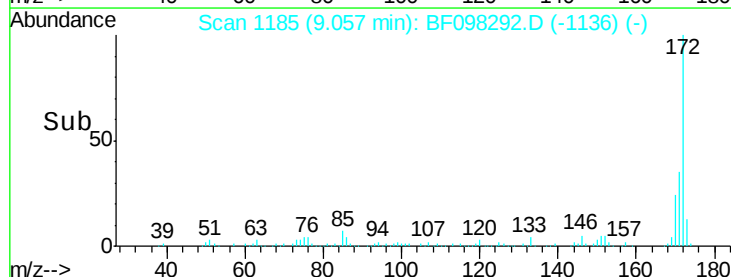
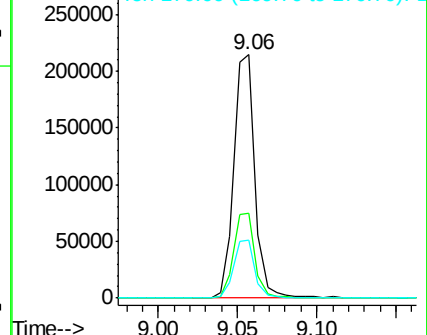
170 23.7 19.8 29.8

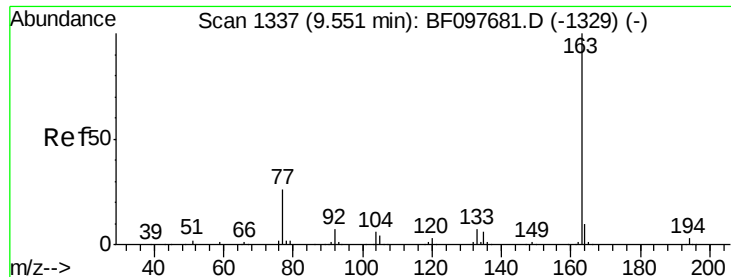


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

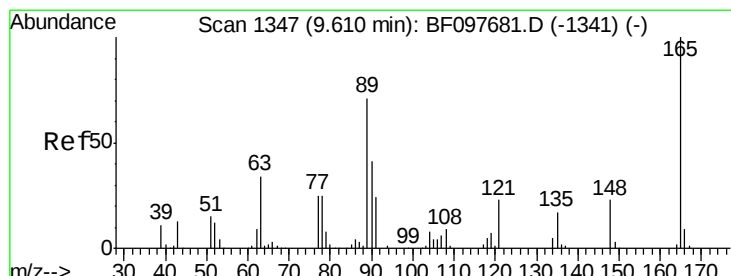
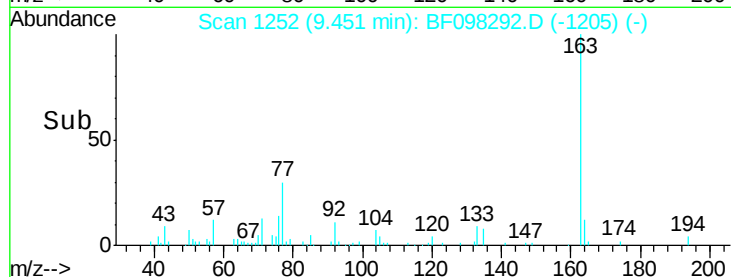
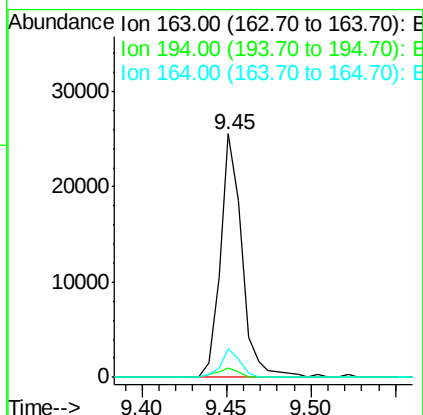
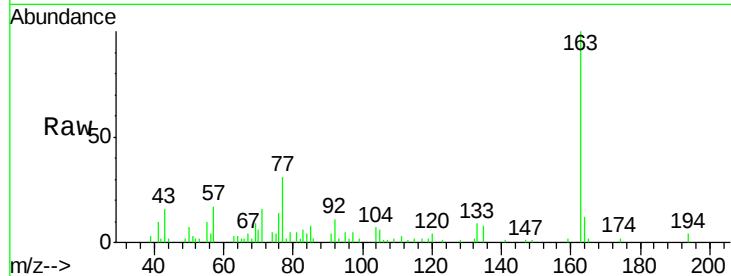




#49
Dimethylphthalate
Concen: 2.00 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

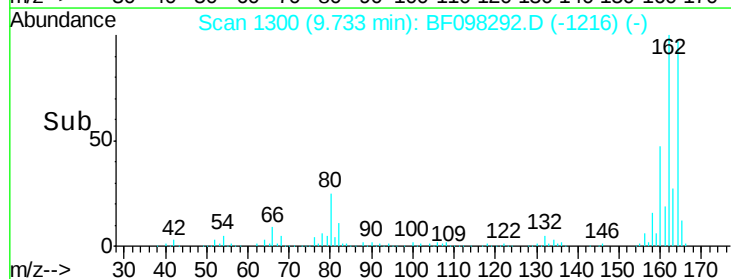
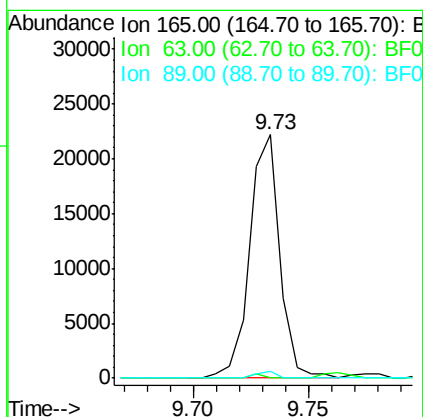
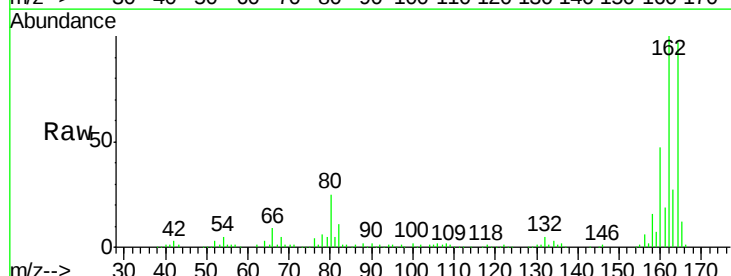
Instrument :
BNA_F
ClientSampleId :
VNJ-221

Tot Ion:163 Resp: 22755
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 11.5 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 8.93 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.19 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

Tgt Ion:165 Resp: 20237
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 3.0 37.1 55.7#

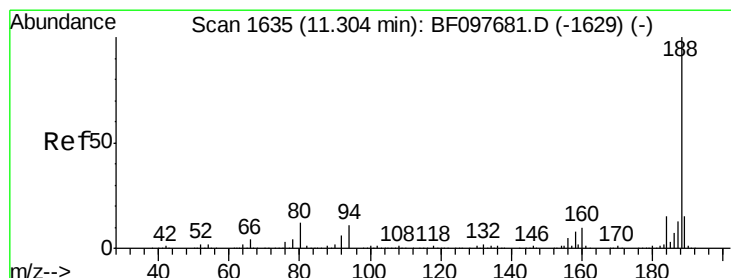
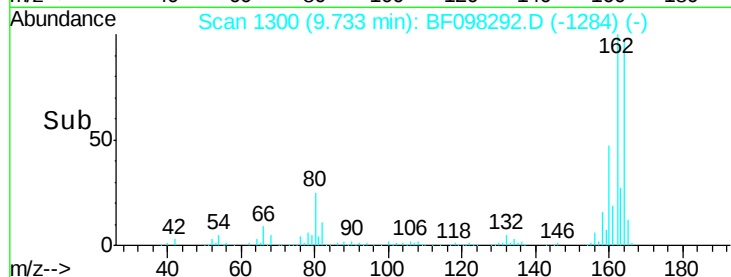
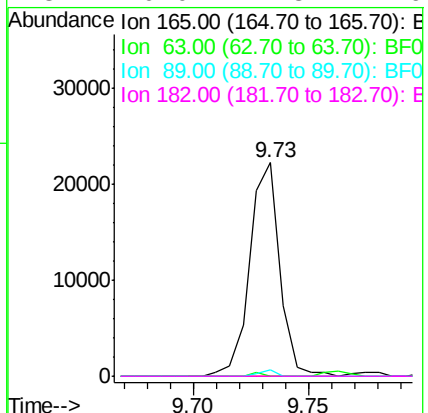
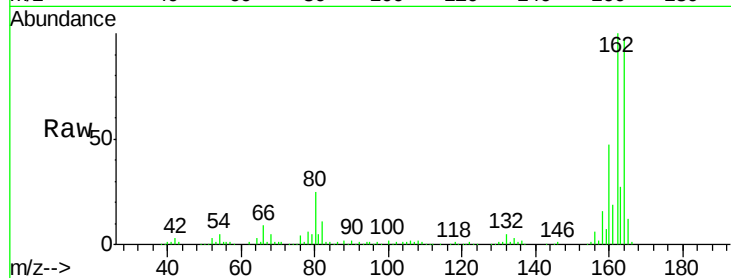




#56
 2,4-Dinitrotoluene
 Concen: 7.12 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF098292.D
 Acq: 7 Sep 2017 00:22

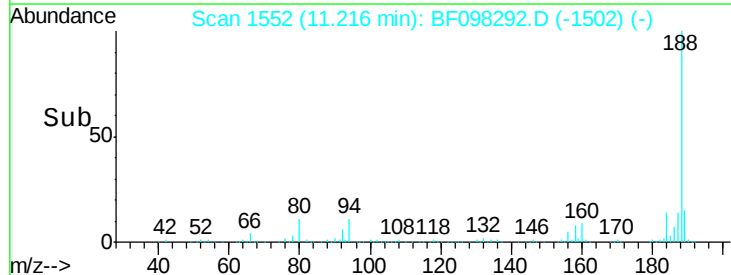
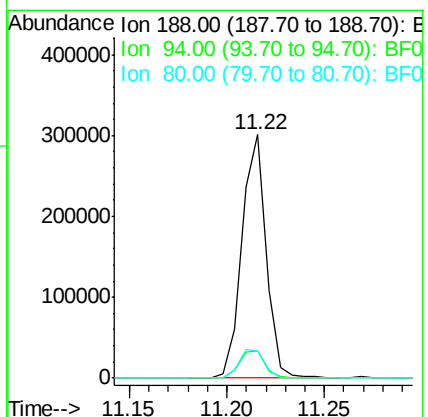
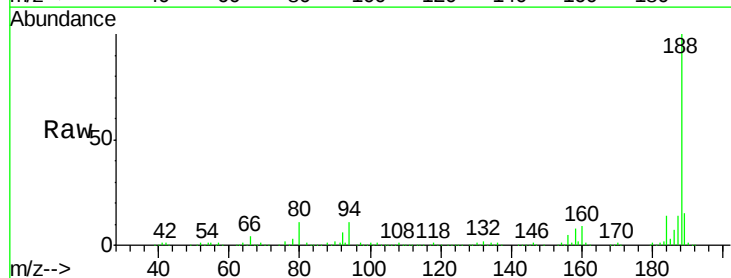
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-221

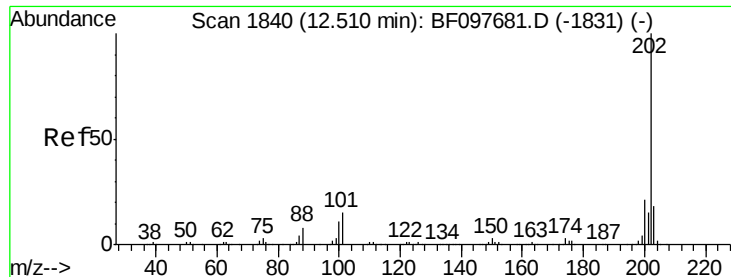
Tot Ion:165	Resp:	20237
Ion Ratio	Lower	Upper
165	100	
63	0.0	25.4 38.0#
89	3.0	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF098292.D
 Acq: 7 Sep 2017 00:22

Tgt Ion:188	Resp:	258538
Ion Ratio	Lower	Upper
188	100	
94	11.3	9.4 14.2
80	11.3	10.2 15.2





#74

Fluoranthene

Concen: 2.35 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF098292.D

Acq: 7 Sep 2017 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-221

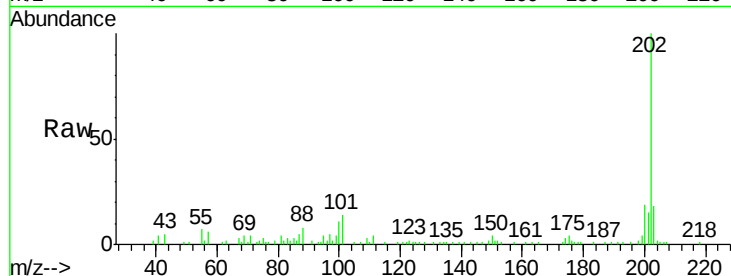
Tot Ion:202 Resp: 33846

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.2

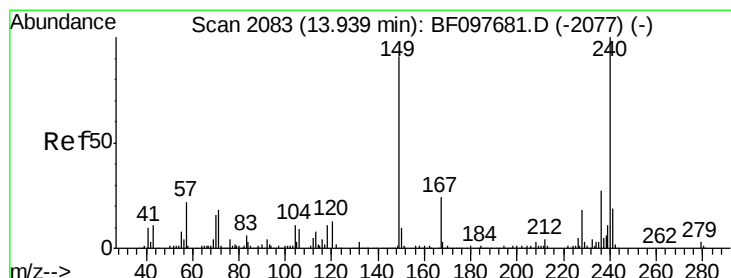
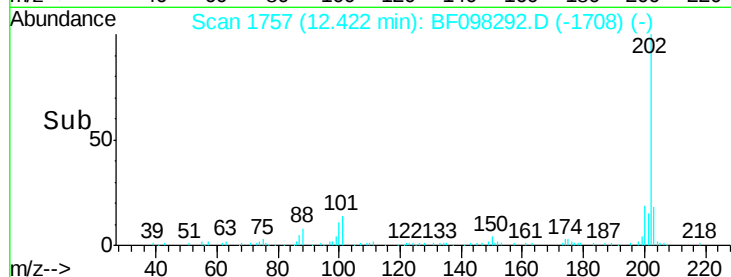
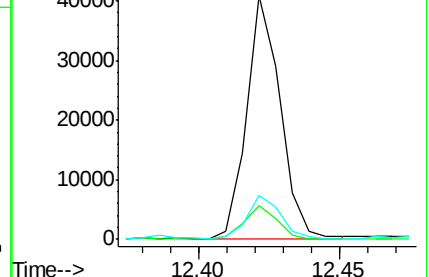
203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF098292.D

Acq: 7 Sep 2017 00:22

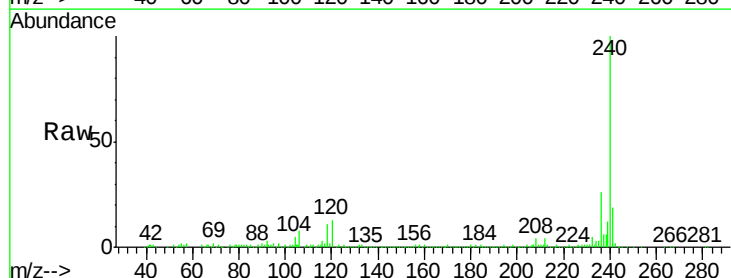
Tgt Ion:240 Resp: 240825

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

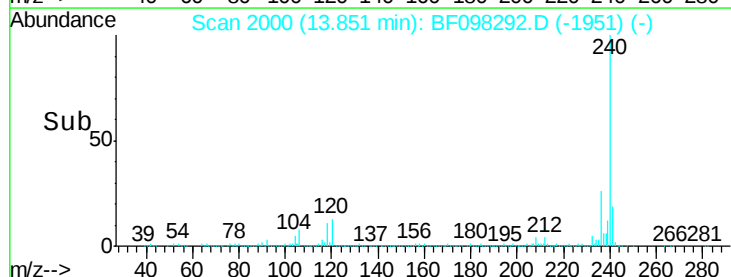
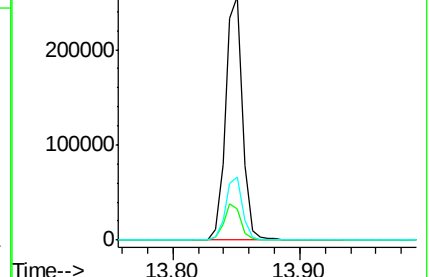
236 26.0 20.5 30.7

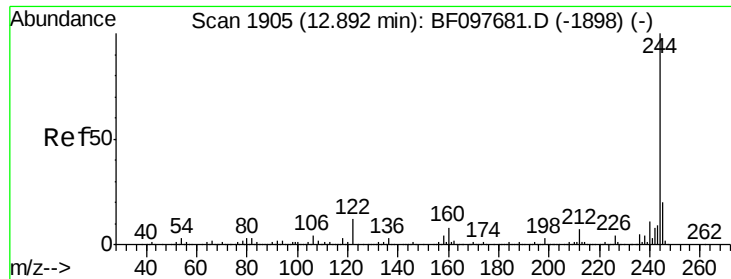


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

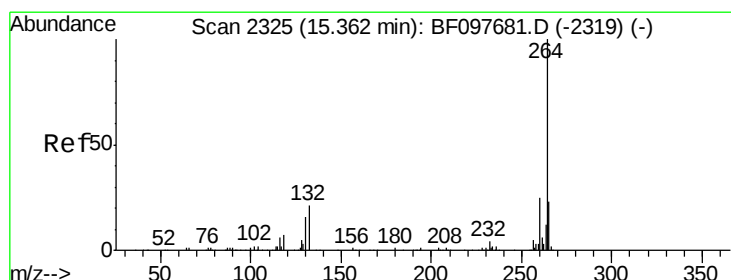
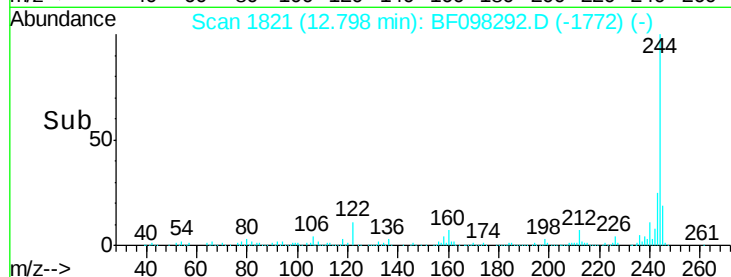
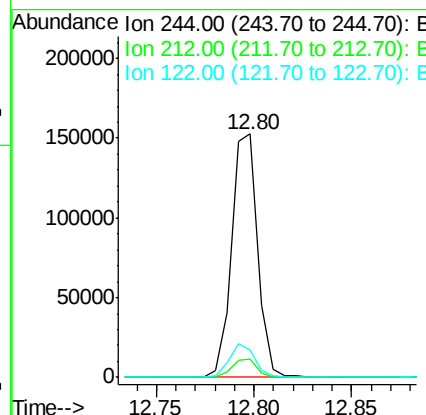
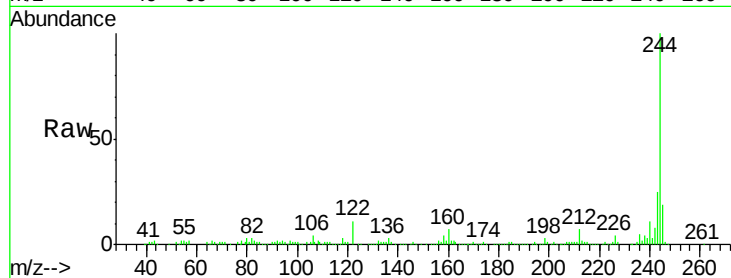




#78
 Terphenyl-d14
 Concen: 12.18 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF098292.D
 Acq: 7 Sep 2017 00:22

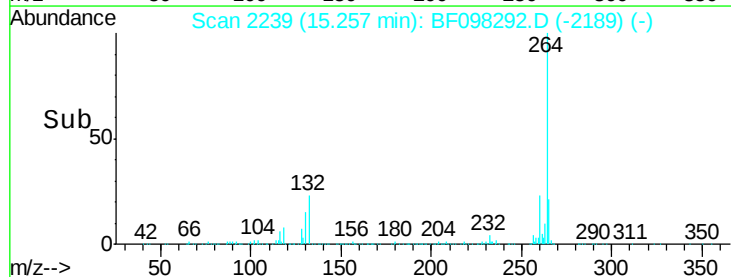
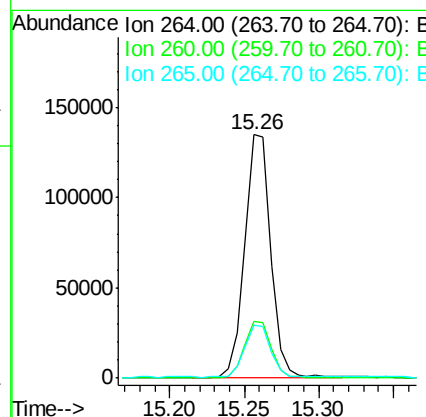
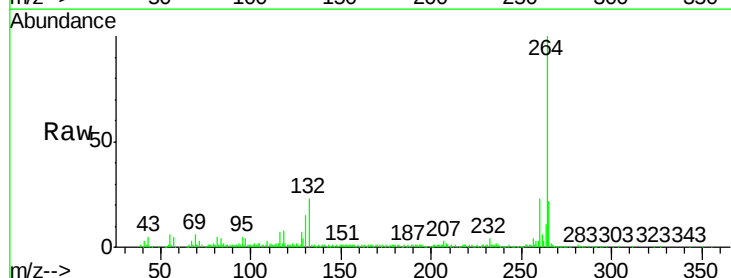
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-221

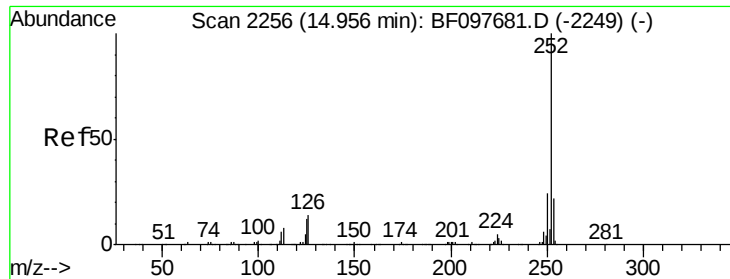
Tot Ion:244 Resp: 140625
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF098292.D
 Acq: 7 Sep 2017 00:22

Tgt Ion:264 Resp: 163801
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.8 17.2 25.8

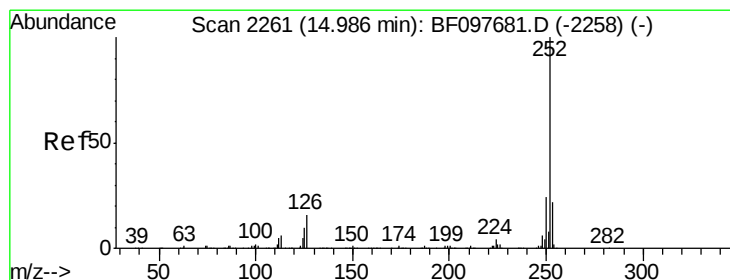
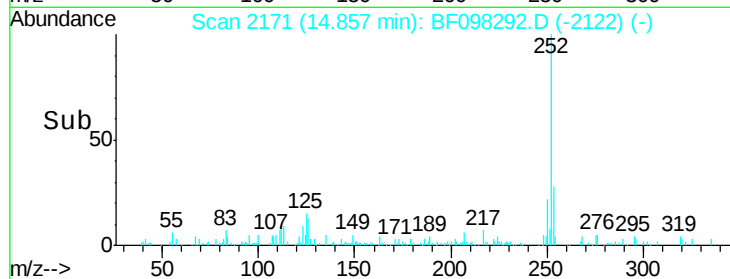
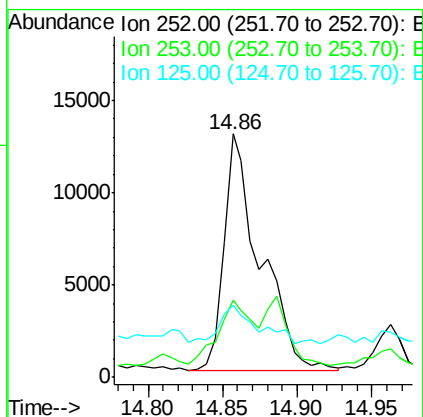
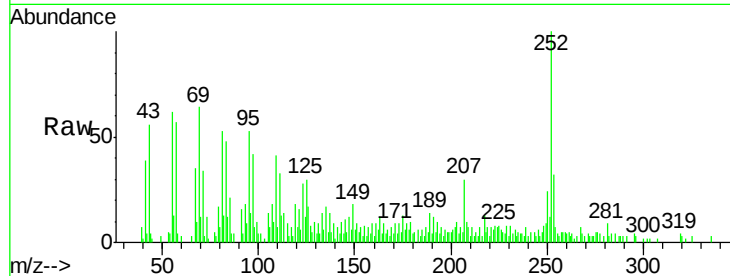




#87
Benzo(b)fluoranthene
Concen: 2.12 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

Instrument :
BNA_F
ClientSampleId :
VNJ-221

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.8	18.1	27.1#
125	29.6	9.8	14.8#



#88
Benzo(k)fluoranthene
Concen: 2.26 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.8	18.4	27.6#
125	29.6	13.1	19.7#

