

Data File : BF096918.D
Acq On : 20 Jul 2017 21:05
Operator : SJ/JU
Sample : I4312-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-237

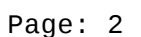
Quant Time: Jul 21 03:27:56 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

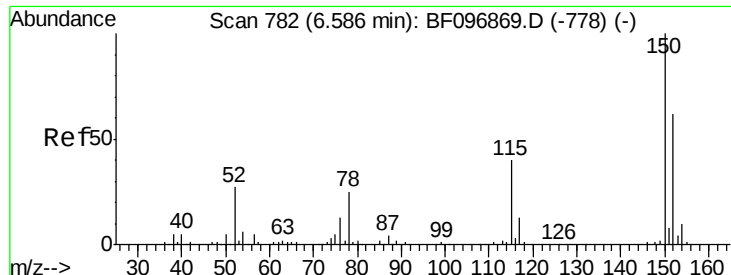
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	88885	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	361840	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	146310	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	212319	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	187280	20.00	ng	-0.04
86) Perylene-d12	15.07	264	192912	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	775864	131.25	ng	-0.02
7) Phenol-d6	6.23	99	898987	126.72	ng	-0.02
23) Nitrobenzene-d5	7.13	82	529699	90.68	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	155914	124.84	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	839067	90.61	ng	-0.03
78) Terphenyl-d14	12.66	244	536077	49.64	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.35	77	14465	3.53	ng	83
19) n-Nitroso-di-n-propylamine	7.13	70	71648	16.76	ng	# 88
25) Isophorone	7.13	82	516990	47.57	ng	# 67
49) Dimethylphthalate	9.33	163	212164	19.26	ng	98
56) 2,4-Dinitrotoluene	9.60	165	18083	5.90	ng	# 32
66) 4-Bromophenyl-phenylether	10.39	248	9265	4.27	ng	# 1

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

ALS Vial : 17 Sample Multiplier: 1

Response via : Initial Calibration

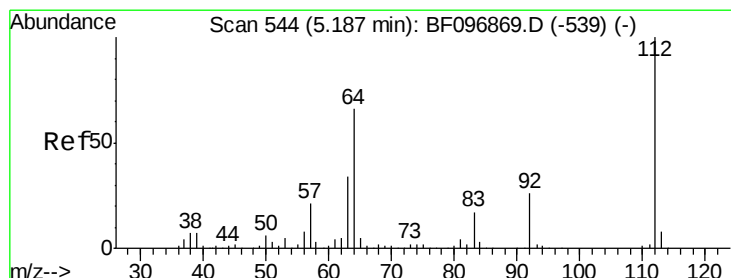
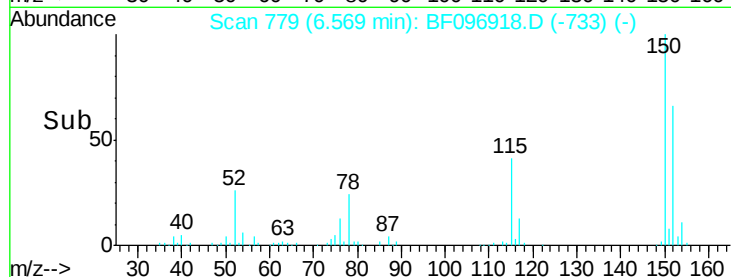
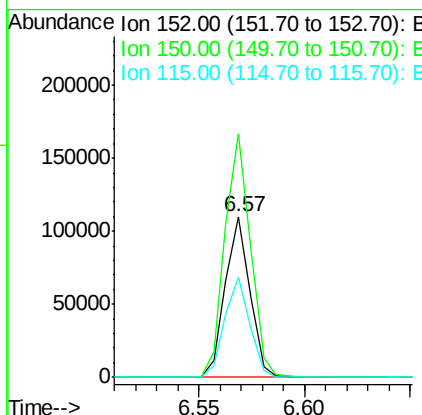
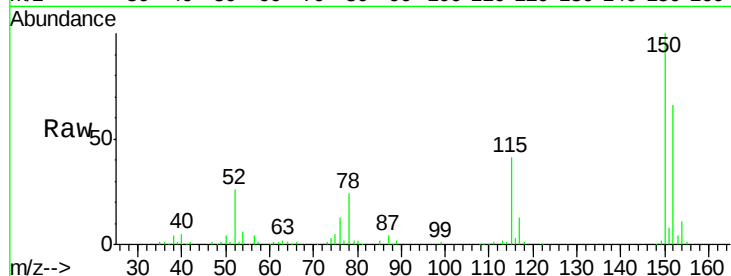




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.57 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF096918.D
 Acq: 20 Jul 2017 21:05

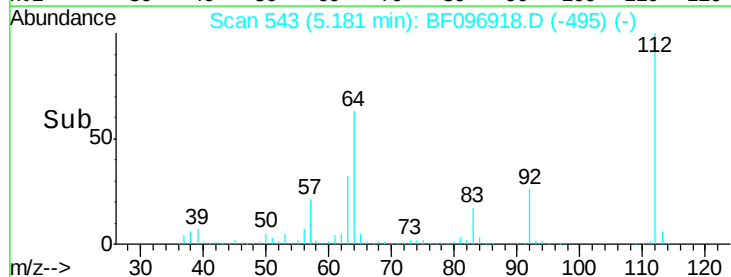
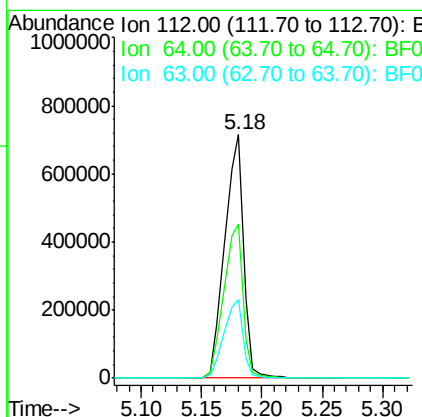
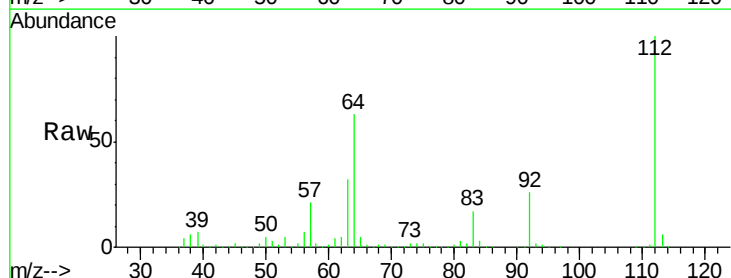
Instrument :
 BNA_F
 ClientSampled :
 VNJ-237

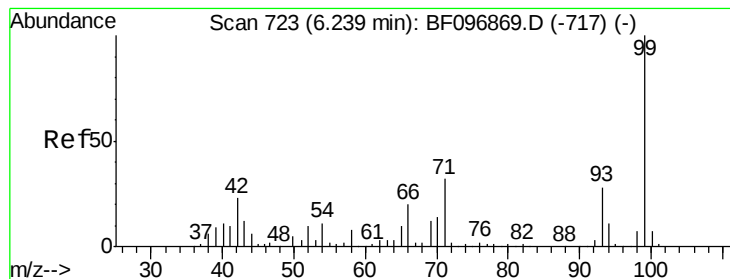
Tgt Ion:152 Resp: 88885
 Ion Ratio Lower Upper
 152 100
 150 151.2 126.2 189.2
 115 62.6 52.2 78.2



#5
 2-Fluorophenol
 Concen: 131.25 ng
 RT: 5.18 min Scan# 543
 Delta R.T. -0.02 min
 Lab File: BF096918.D
 Acq: 20 Jul 2017 21:05

Tgt Ion:112 Resp: 775864
 Ion Ratio Lower Upper
 112 100
 64 63.4 46.0 69.0
 63 32.2 23.4 35.0





#7

Phenol-d6

Concen: 126.72 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096918.D

Acq: 20 Jul 2017 21:05

Instrument :

BNA_F

ClientSampleId :

VNJ-237

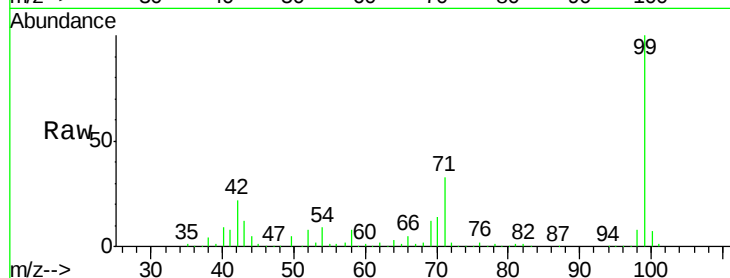
Tgt Ion: 99 Resp: 898987

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

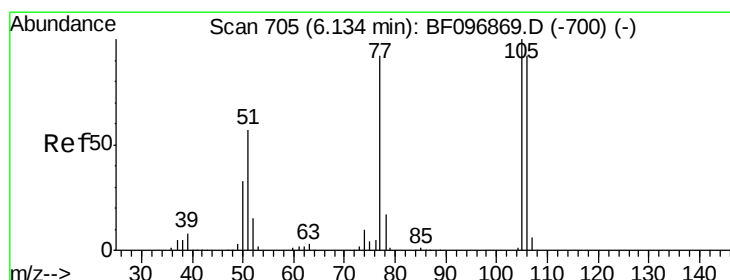
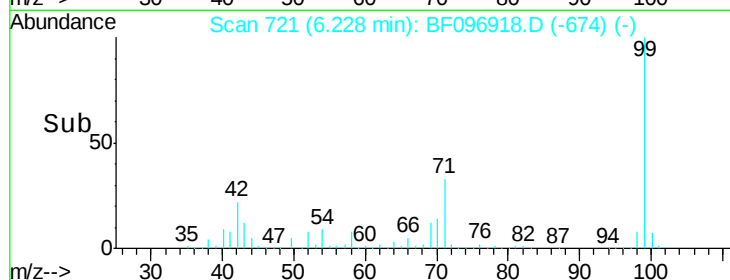
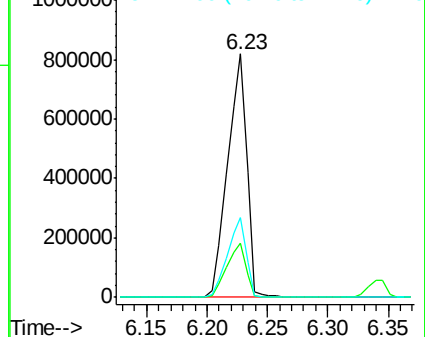
71 32.9 24.5 36.7



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



#9

Benzaldehyde

Concen: 3.53 ng

RT: 6.35 min Scan# 741

Delta R.T. 0.20 min

Lab File: BF096918.D

Acq: 20 Jul 2017 21:05

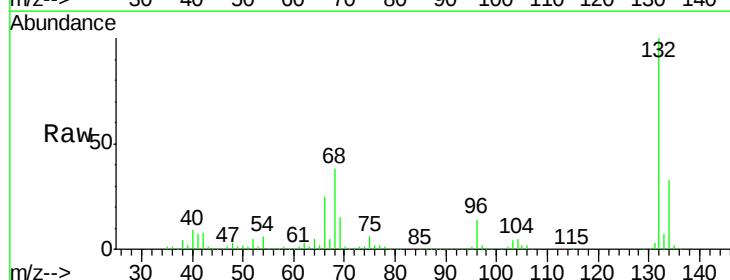
Tgt Ion: 77 Resp: 14465

Ion Ratio Lower Upper

77 100

105 88.0 83.8 123.8

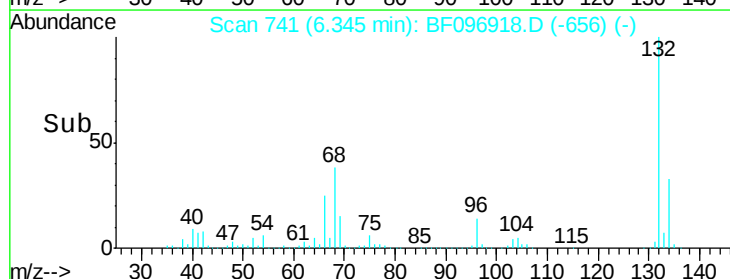
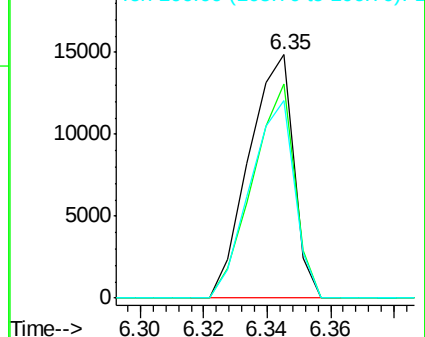
106 81.2 79.1 119.1

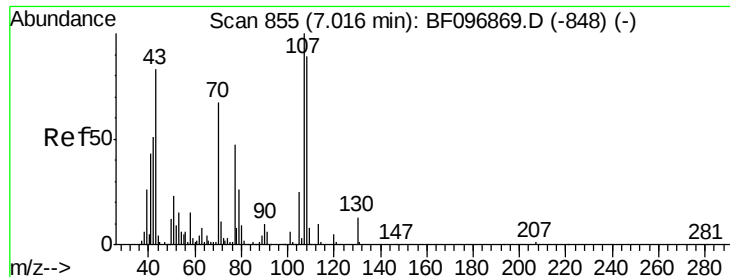


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 16.76 ng

RT: 7.13 min Scan# 875

Delta R.T. 0.11 min

Lab File: BF096918.D

Acq: 20 Jul 2017 21:05

Instrument :

BNA_F

ClientSampleId :

VNJ-237

Tgt Ion: 70 Resp: 71648

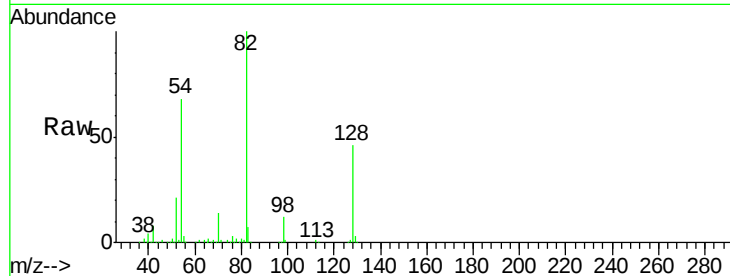
Ion Ratio Lower Upper

70 100

42 58.0 47.2 70.8

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

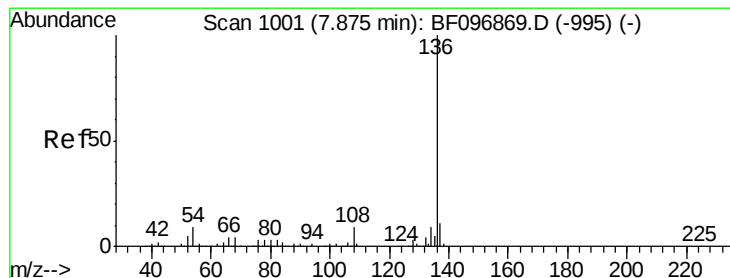
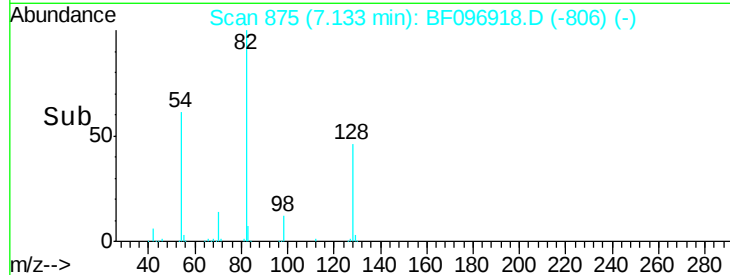
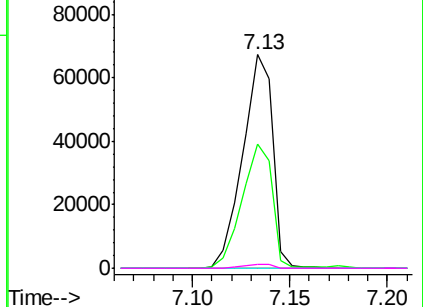


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 997

Delta R.T. -0.04 min

Lab File: BF096918.D

Acq: 20 Jul 2017 21:05

Tgt Ion: 136 Resp: 361840

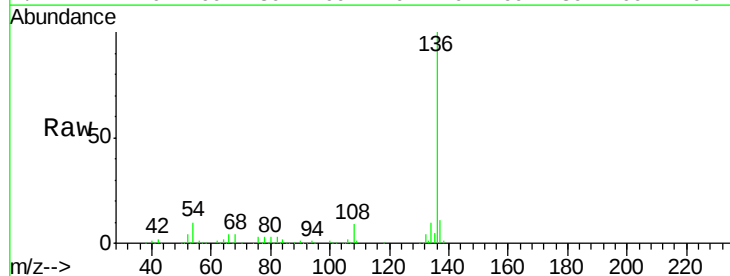
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 9.6 4.9 7.3#

68 4.4 4.1 6.1

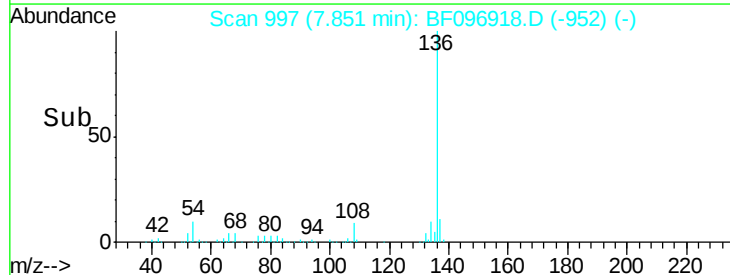
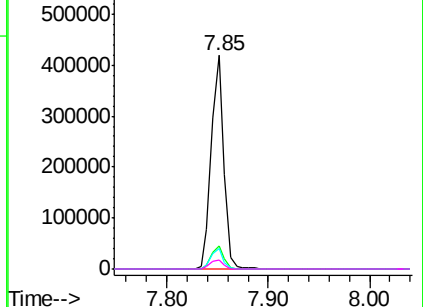


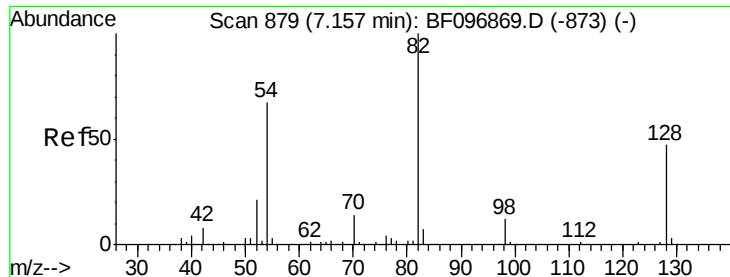
Abundance Ion 136.00 (135.70 to 136.70): E

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

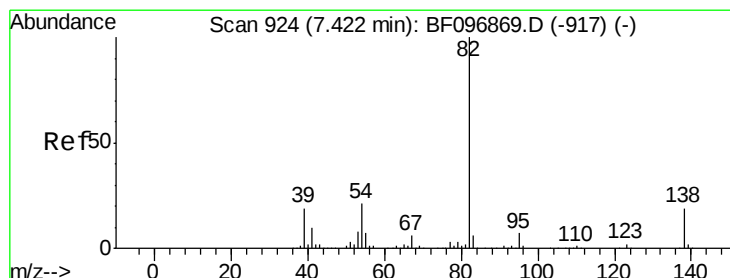
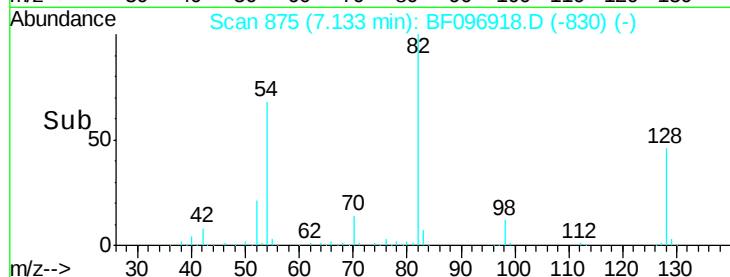
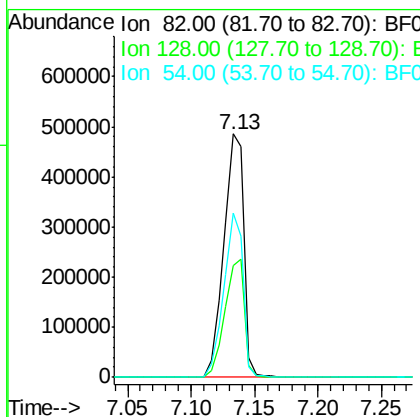
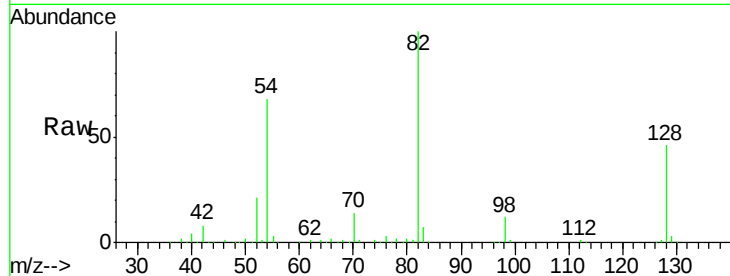




#23
 Nitrobenzene-d5
 Concen: 90.68 ng
 RT: 7.13 min Scan# 875
 Delta R.T. -0.04 min
 Lab File: BF096918.D
 Acq: 20 Jul 2017 21:05

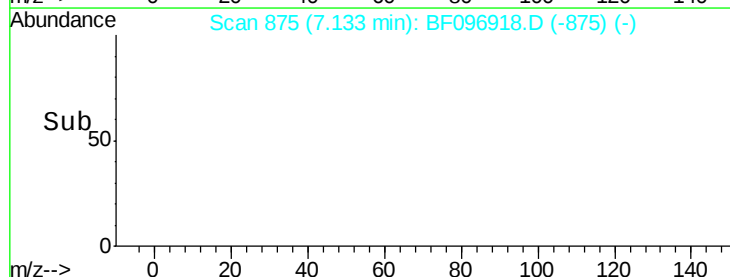
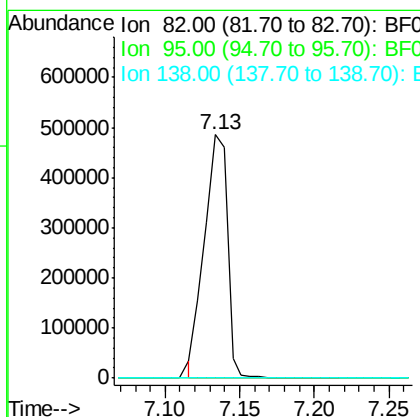
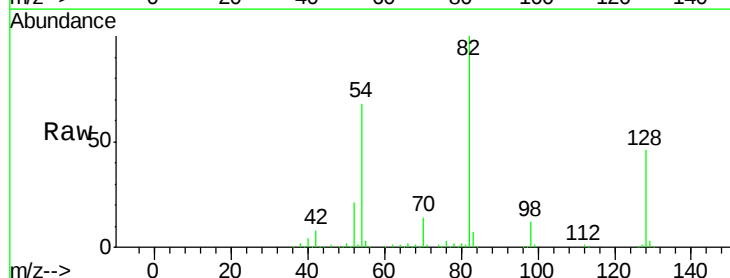
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-237

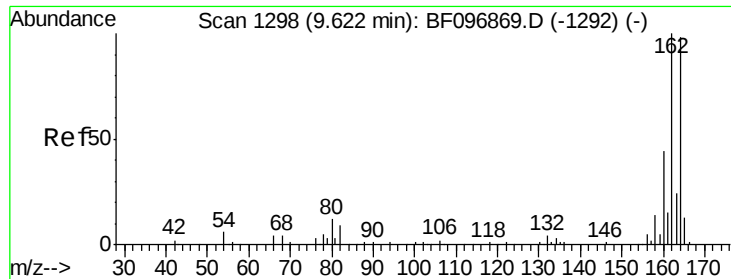
Tgt Ion: 82 Resp: 529699
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.0 51.0
 54 67.6 42.2 63.2#



#25
 Isophorone
 Concen: 47.57 ng
 RT: 7.13 min Scan# 875
 Delta R.T. -0.30 min
 Lab File: BF096918.D
 Acq: 20 Jul 2017 21:05

Tgt Ion: 82 Resp: 516990
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 1294

Delta R.T. -0.04 min

Lab File: BF096918.D

Acq: 20 Jul 2017 21:05

Instrument :

BNA_F

ClientSampleId :

VNJ-237

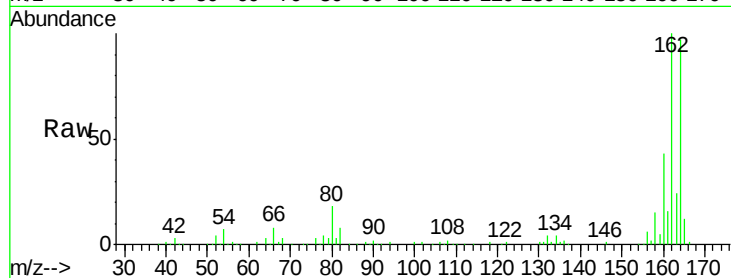
Tgt Ion:164 Resp: 146310

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

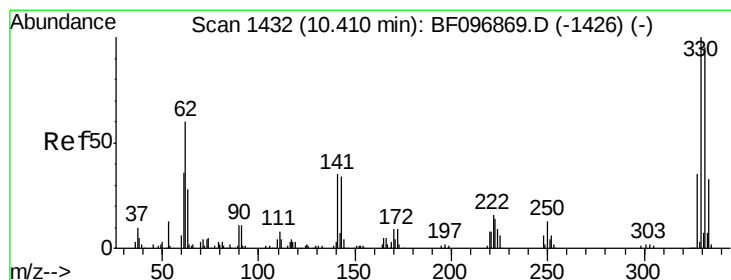
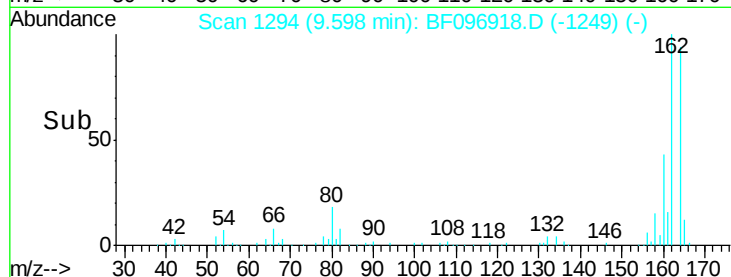
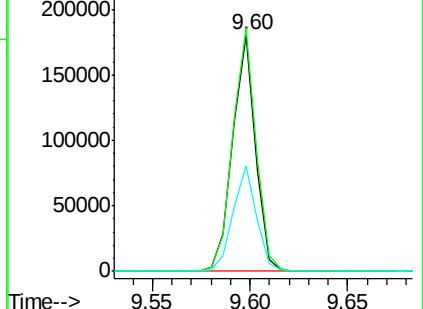
160 44.4 36.2 54.2



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: 124.84 ng

RT: 10.39 min Scan# 1428

Delta R.T. -0.04 min

Lab File: BF096918.D

Acq: 20 Jul 2017 21:05

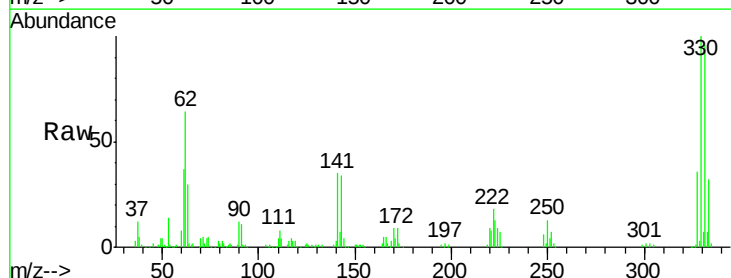
Tgt Ion:330 Resp: 155914

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

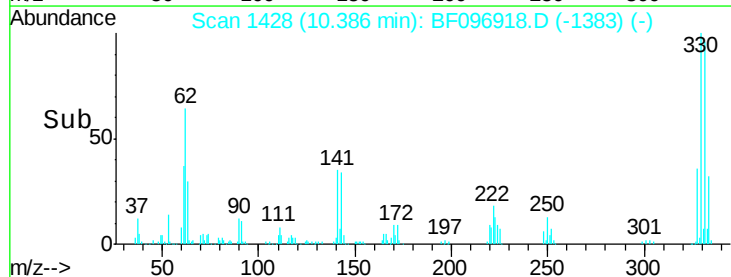
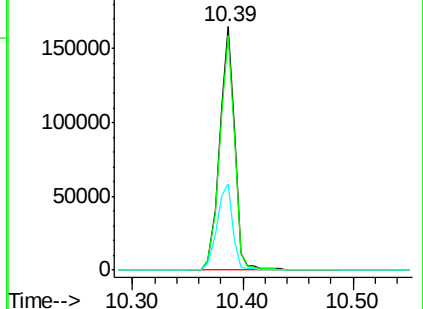
141 36.8 31.4 47.2

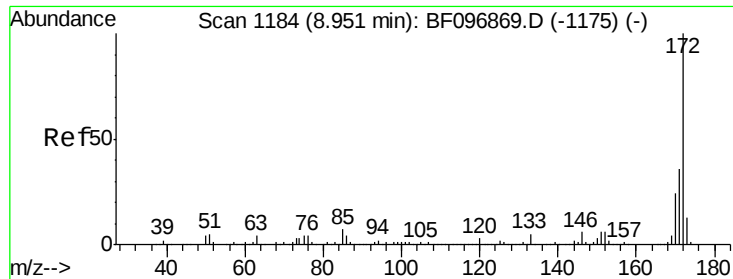


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

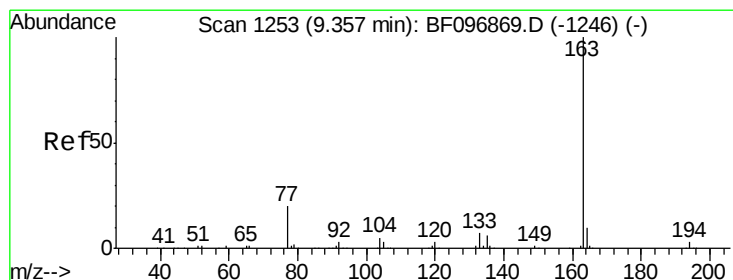
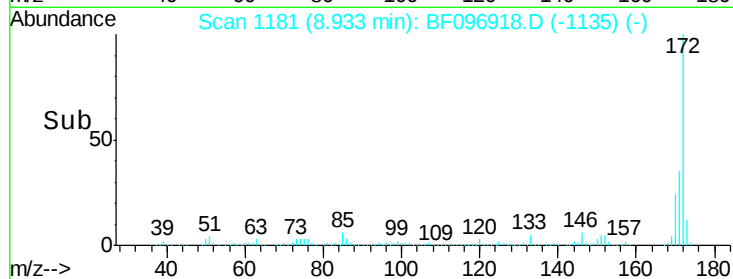
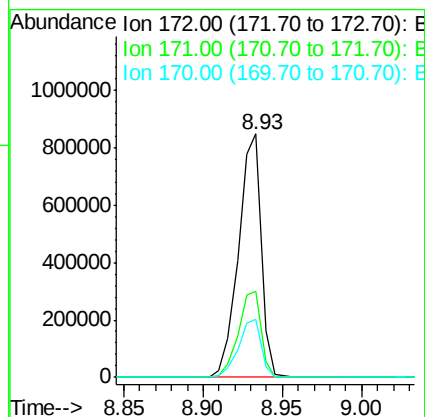
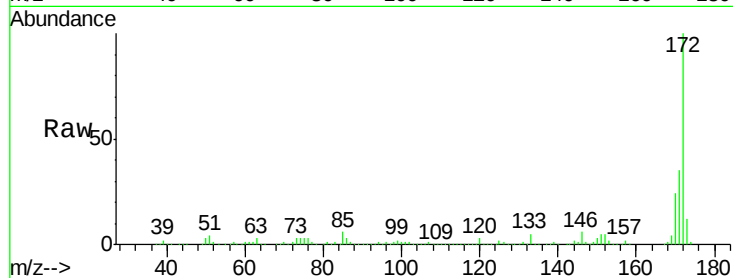




#44
2-Fluorobiphenyl
Concen: 90.61 ng
RT: 8.93 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BF096918.D
Acq: 20 Jul 2017 21:05

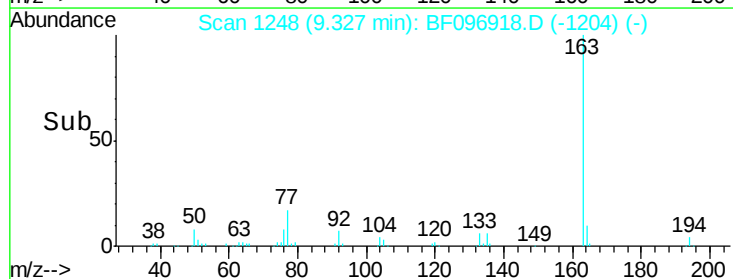
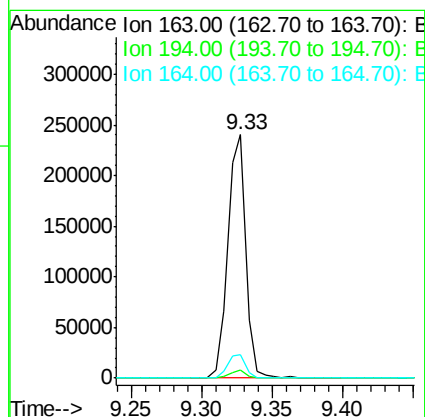
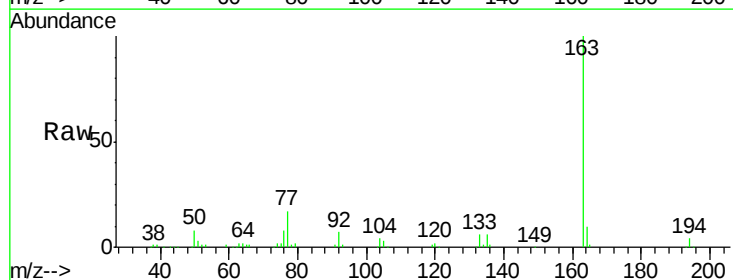
Instrument :
BNA_F
ClientSampleId :
VNJ-237

Tgt Ion:172 Resp: 839067
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 23.8 19.8 29.8



#49
Dimethylphthalate
Concen: 19.26 ng
RT: 9.33 min Scan# 1248
Delta R.T. -0.04 min
Lab File: BF096918.D
Acq: 20 Jul 2017 21:05

Tgt Ion:163 Resp: 212164
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.5 8.4 12.6

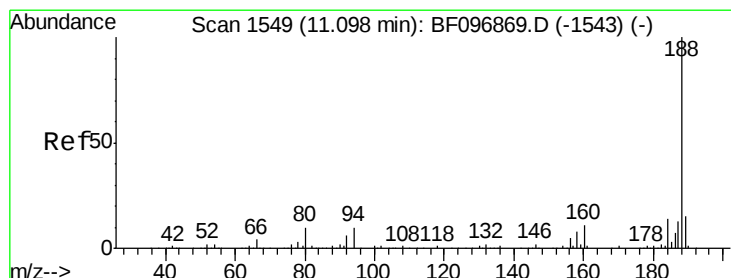
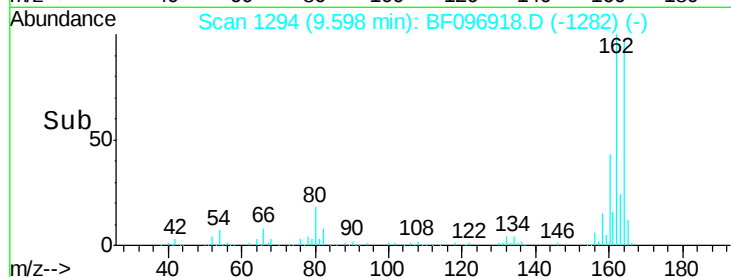
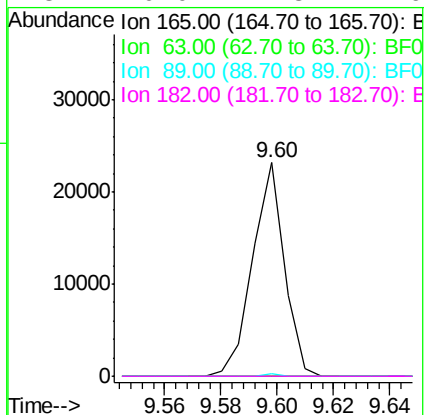
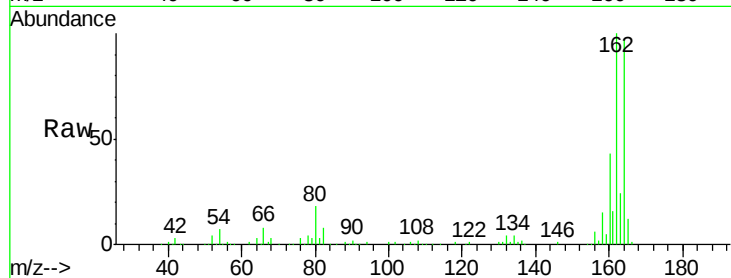




#56
 2,4-Dinitrotoluene
 Concen: 5.90 ng
 RT: 9.60 min Scan# 1294
 Delta R.T. -0.23 min
 Lab File: BF096918.D
 Acq: 20 Jul 2017 21:05

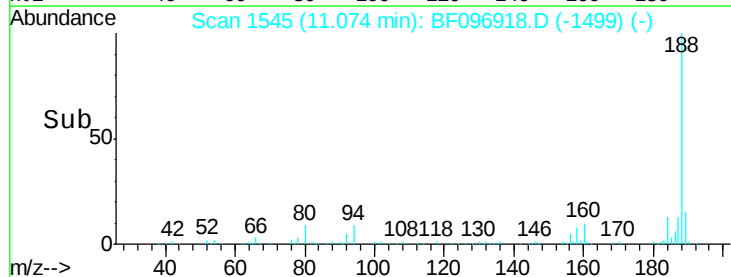
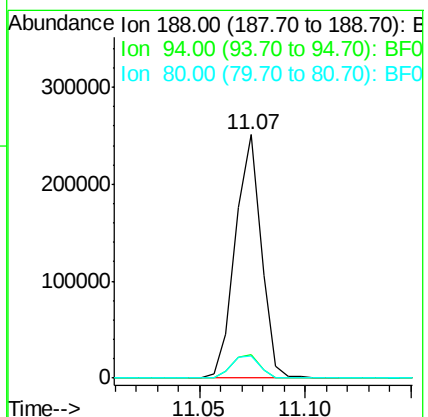
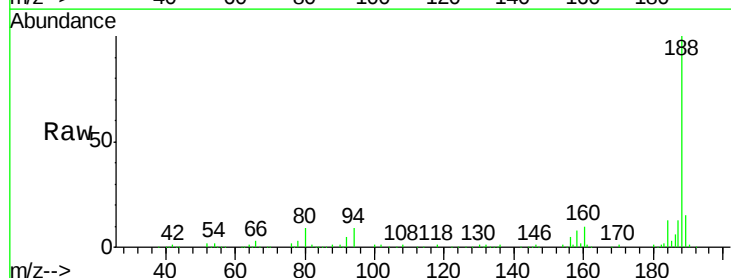
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-237

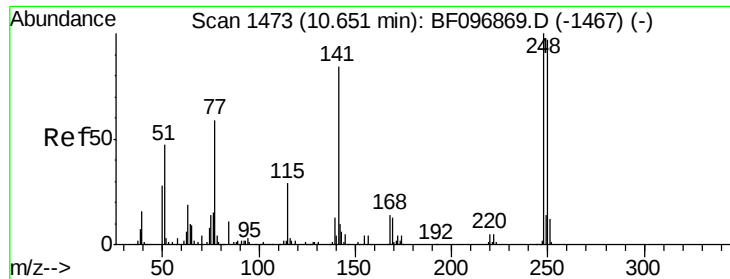
Tgt Ion:	165	Resp:	18083
Ion Ratio	Lower	Upper	
165	100		
63	0.0	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 1545
 Delta R.T. -0.03 min
 Lab File: BF096918.D
 Acq: 20 Jul 2017 21:05

Tgt Ion:	188	Resp:	212319
Ion Ratio	Lower	Upper	
188	100		
94	9.5	9.4	14.2
80	9.3	10.2	15.2#

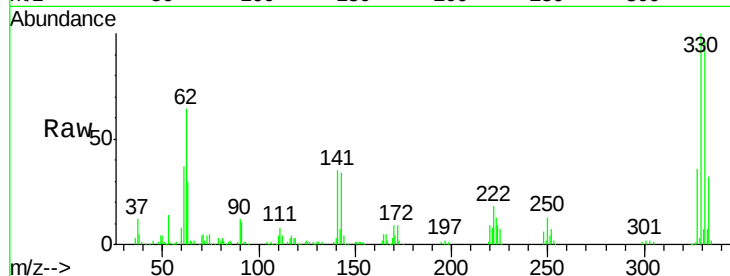




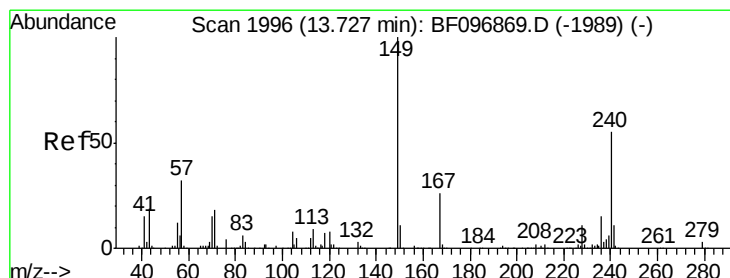
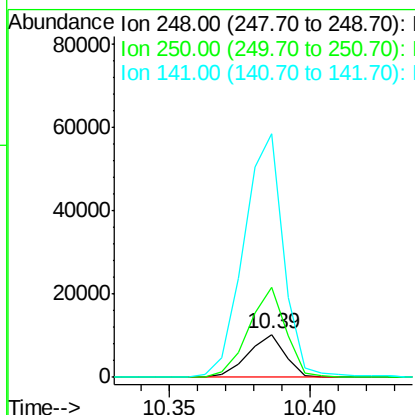
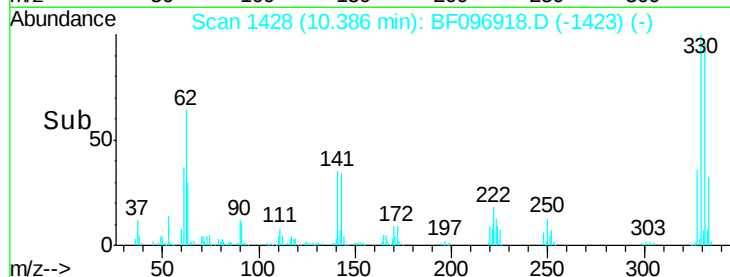
#66
 4-Bromophenyl-phenylether
 Concen: 4.27 ng
 RT: 10.39 min Scan# 1428
 Delta R.T. -0.27 min
 Lab File: BF096918.D
 Acq: 20 Jul 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-237

Tgt Ion:248 Resp: 9265
 Ion Ratio Lower Upper
 248 100
 250 210.5 76.8 115.2#
 141 568.9 68.6 103.0#

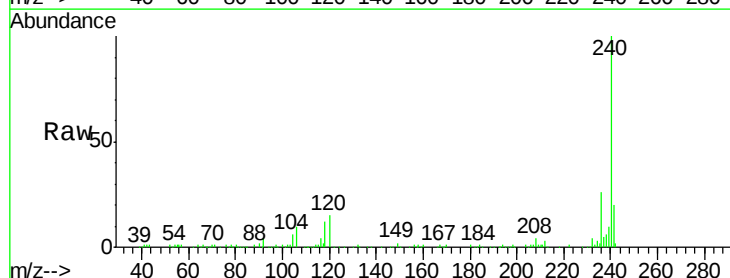


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

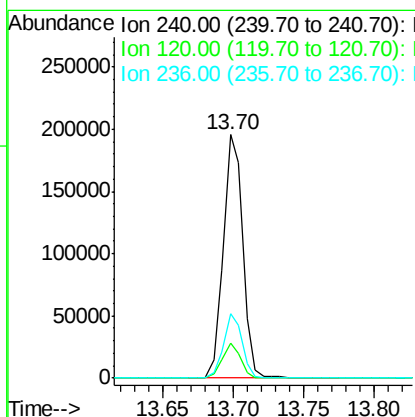
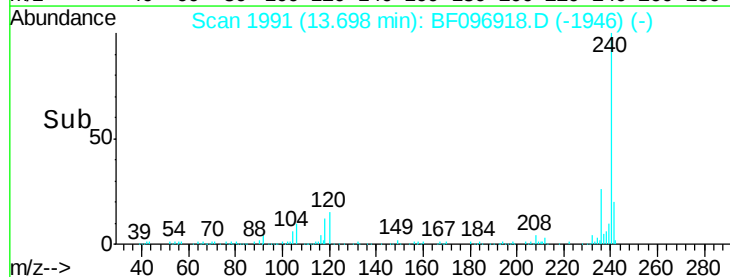


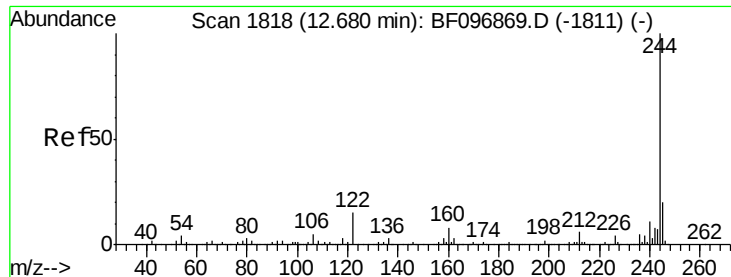
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.70 min Scan# 1991
 Delta R.T. -0.04 min
 Lab File: BF096918.D
 Acq: 20 Jul 2017 21:05

Tgt Ion:240 Resp: 187280
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.8 8.8#
 236 26.5 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

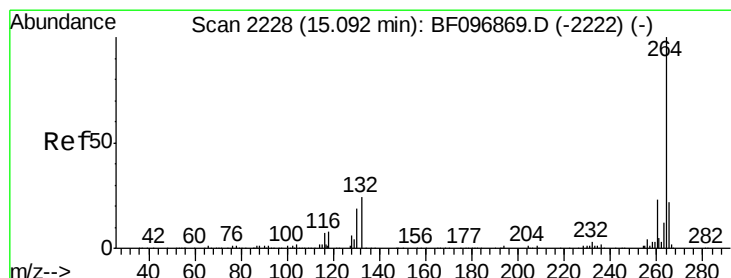
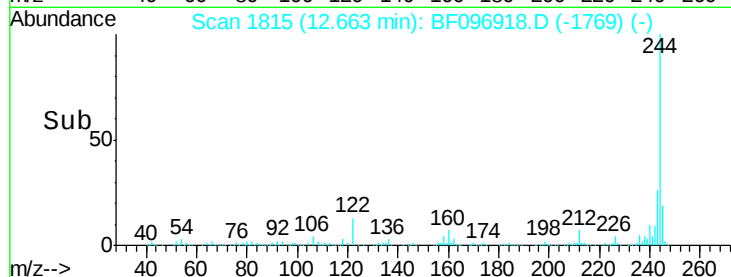
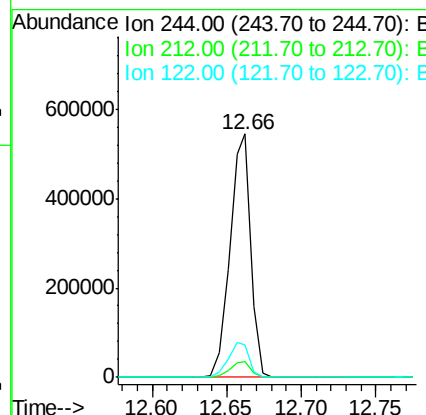
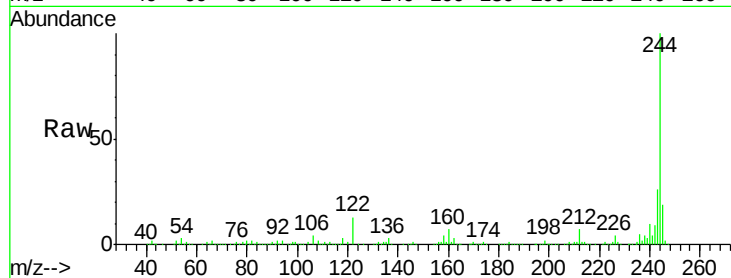




#78
 Terphenyl-d14
 Concen: 49.64 ng
 RT: 12.66 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BF096918.D
 Acq: 20 Jul 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-237

Tgt Ion:244 Resp: 536077
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 13.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 2224
 Delta R.T. -0.04 min
 Lab File: BF096918.D
 Acq: 20 Jul 2017 21:05

Tgt Ion:264 Resp: 192912
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 20.7 17.2 25.8

