

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
 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 07:41:56 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

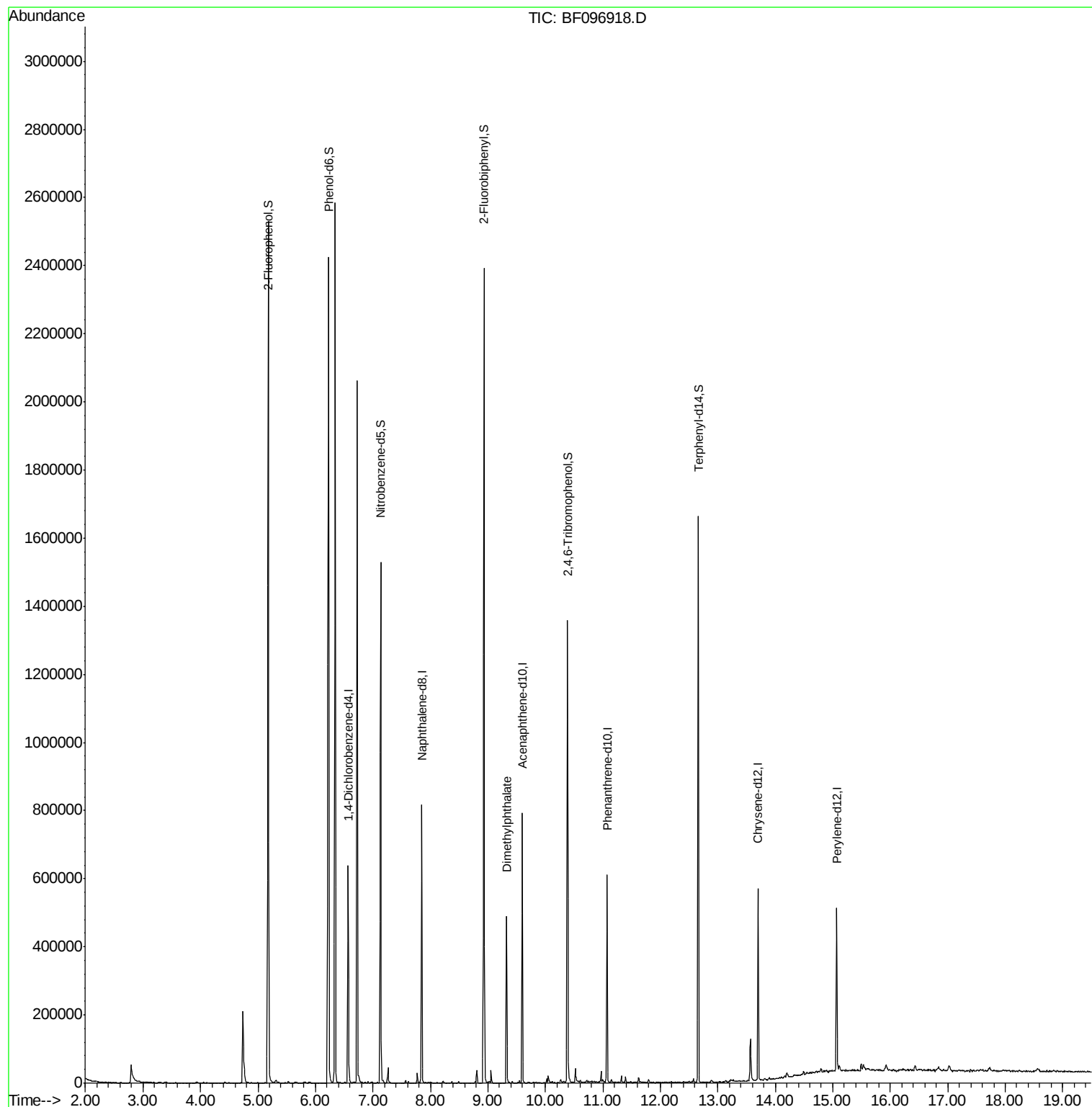
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	88885	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	361840	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	146310	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	212319	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	187280	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						Qvalue
49) Dimethylphthalate	9.33	163	212164	19.258	ng	98

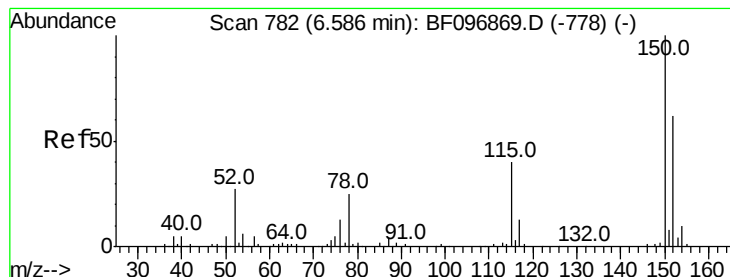
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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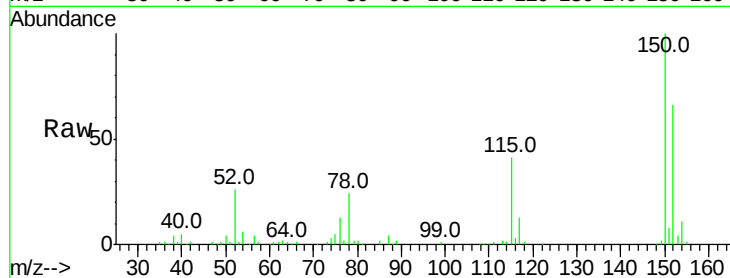


#1

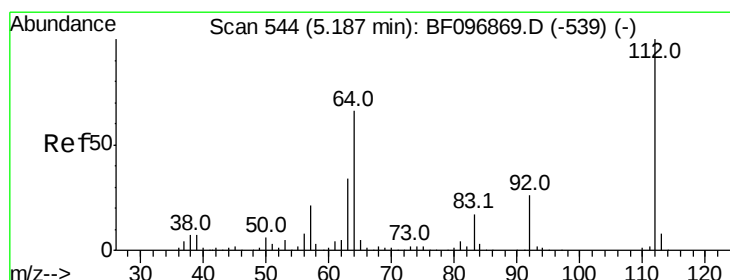
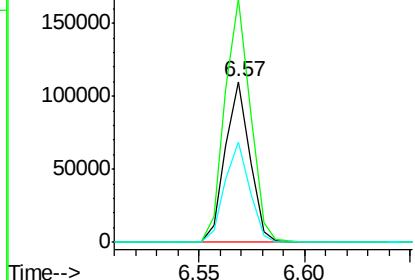
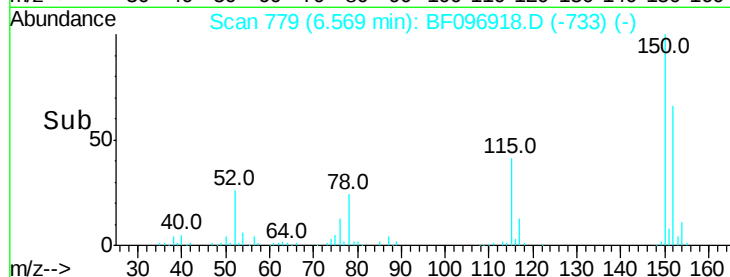
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.57 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF096918.D
 Acq: 20 Jul 2017 21:05

Instrument :
 BNA_F
 ClientSampled :
 VNJ-237

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



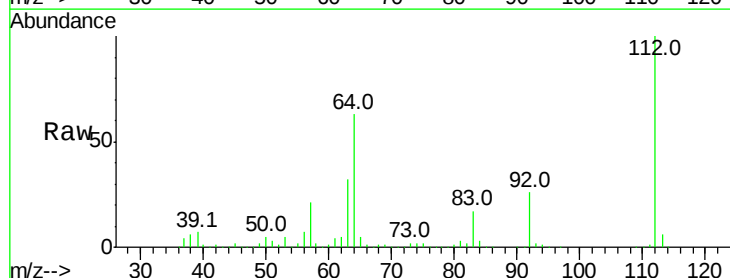
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



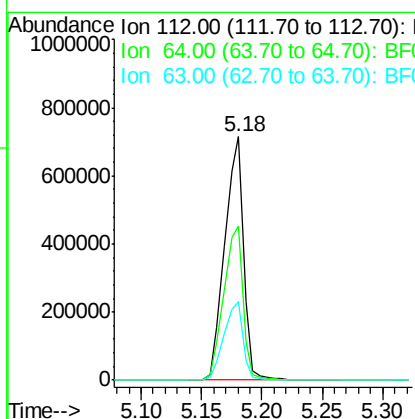
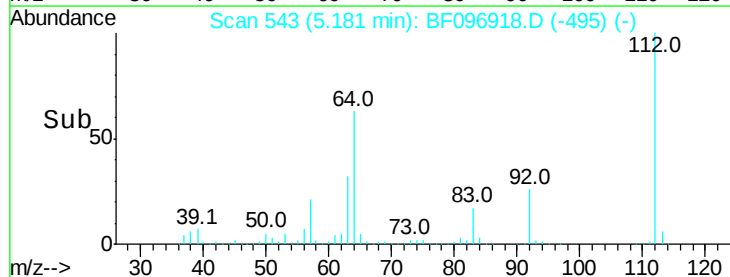
#5

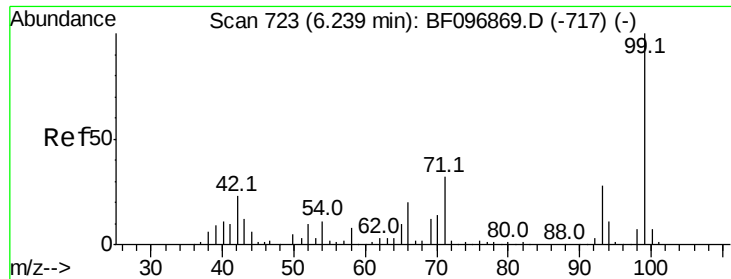
2-Fluorophenol
 Concen: 131.246 ng
 RT: 5.18 min Scan# 543
 Delta R.T. -0.02 min
 Lab File: BF096918.D
 Acq: 20 Jul 2017 21:05

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



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: 126.725 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

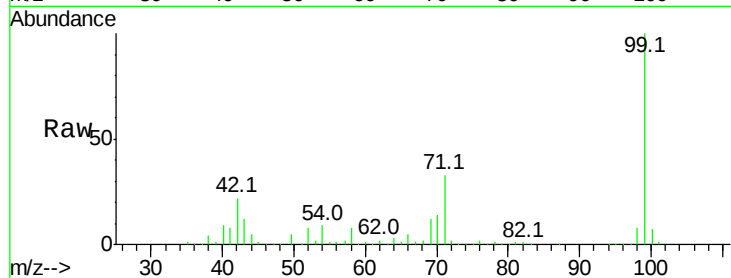
Tot Ion: 99 Resp: 898987

Ion Ratio Lower Upper

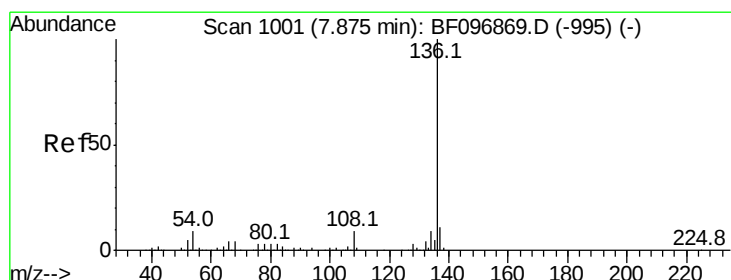
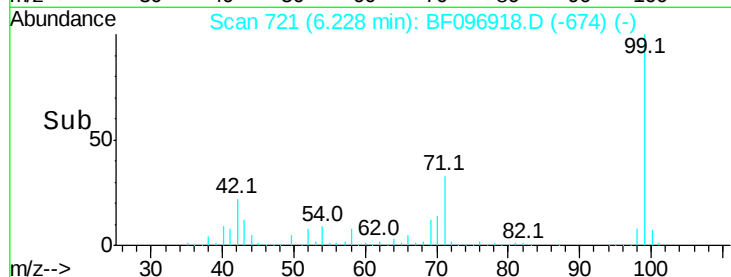
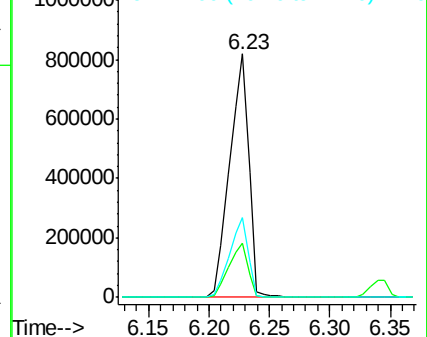
99 100

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



#21

Naphthalene-d8

Concen: 20.000 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

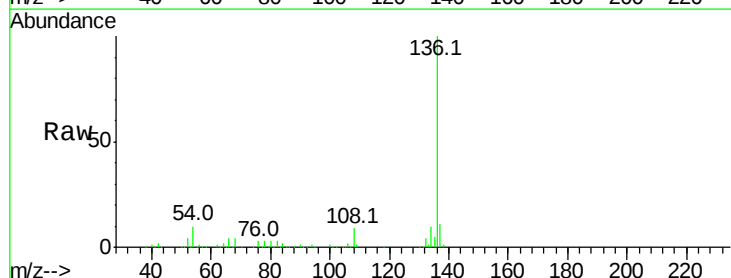
Ion Ratio Lower Upper

136 100

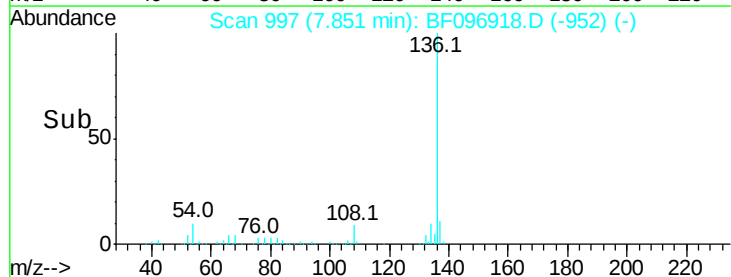
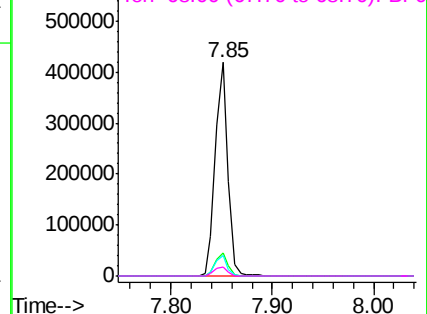
137 11.1 8.5 12.7

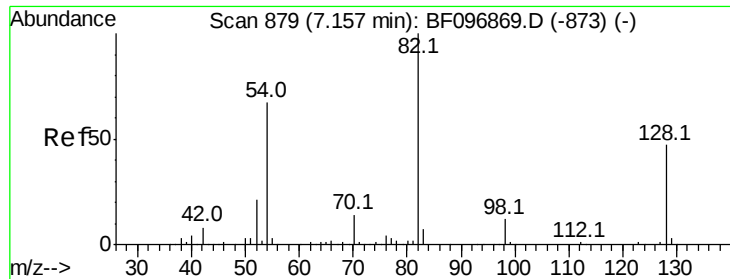
54 9.6 4.9 7.3#

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

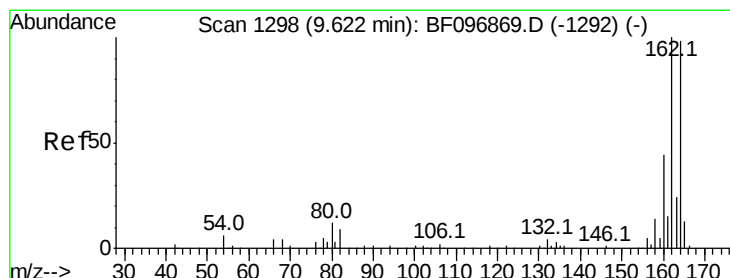
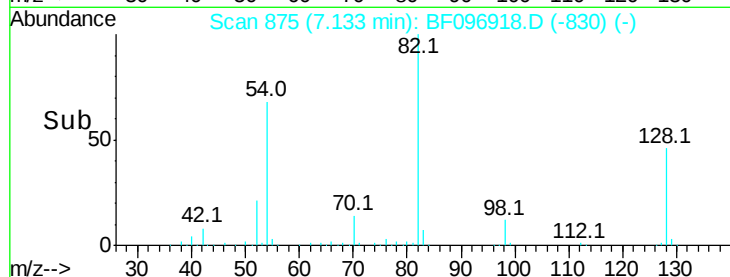
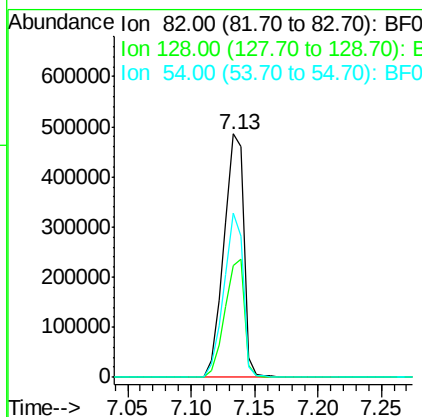
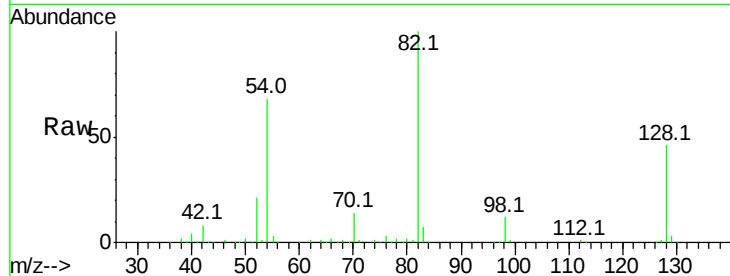




#23
Nitrobenzene-d5
Concen: 90.675 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF096918.D
Acq: 20 Jul 2017 21:05

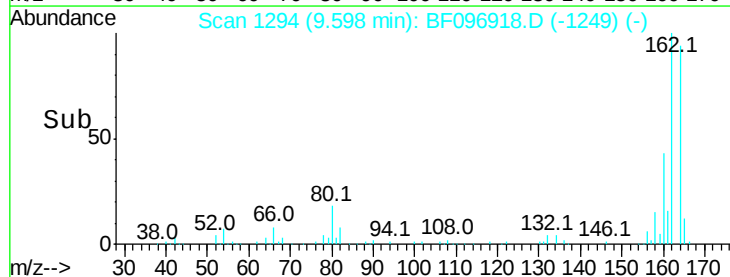
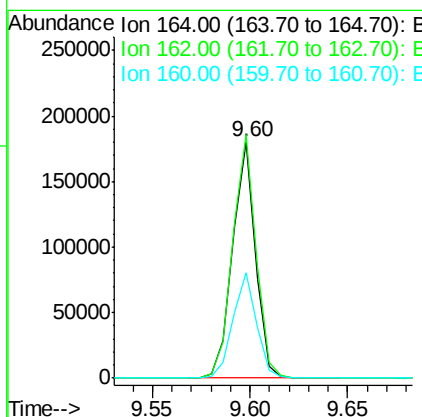
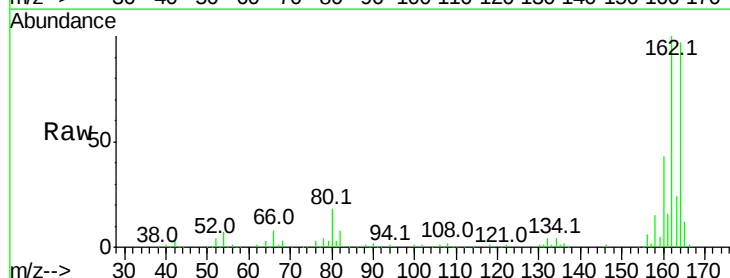
Instrument :
BNA_F
ClientSampleId :
VNJ-237

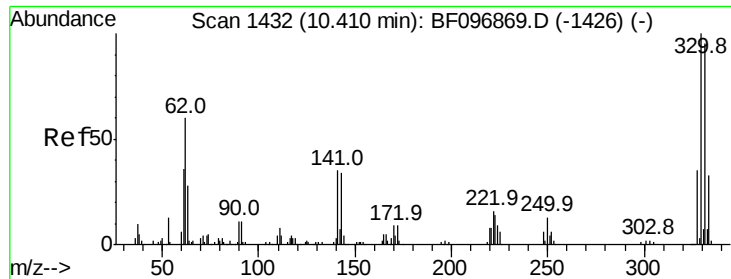
Tot Ion: 82 Resp: 529699
Ion Ratio Lower Upper
82 100
128 45.9 34.0 51.0
54 67.6 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF096918.D
Acq: 20 Jul 2017 21:05

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





#41

2,4,6-Tribromophenol

Concen: 124.843 ng

RT: 10.39 min Scan# 1428

Delta R.T. -0.04 min

Lab File: BF096918.D

Acq: 20 Jul 2017 21:05

Instrument :

BNA_F

ClientSampleId :

VNJ-237

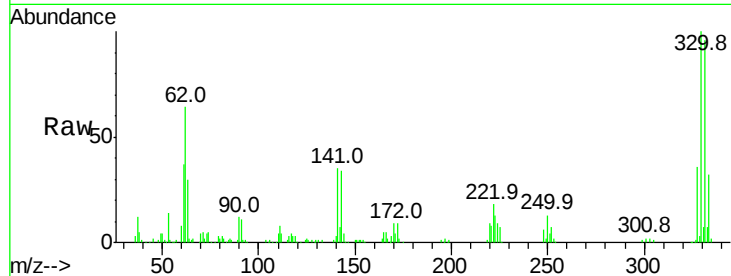
Tot Ion:330 Resp: 155914

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

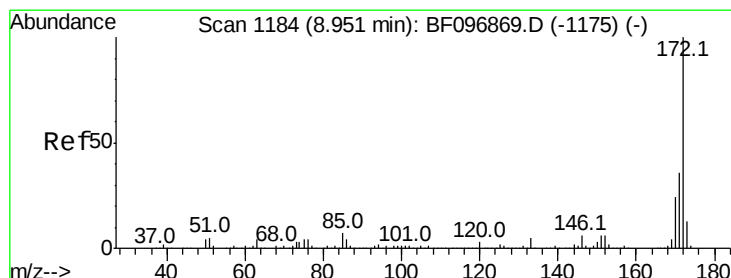
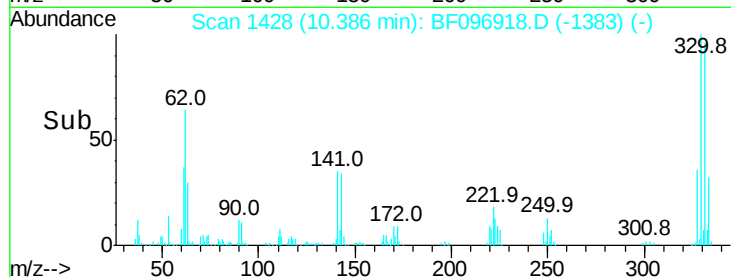
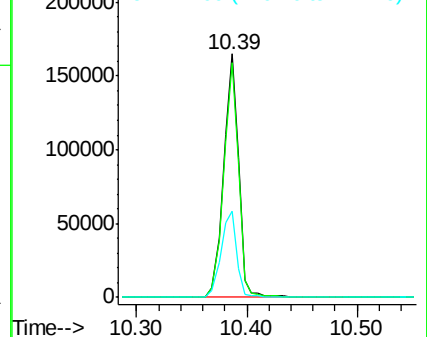
141 36.8 31.4 47.2



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: 90.606 ng

RT: 8.93 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BF096918.D

Acq: 20 Jul 2017 21:05

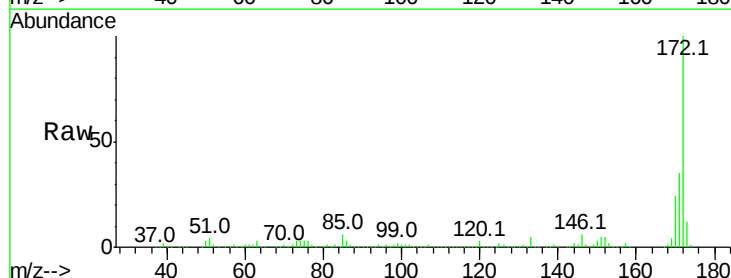
Tgt Ion:172 Resp: 839067

Ion Ratio Lower Upper

172 100

171 35.2 29.6 44.4

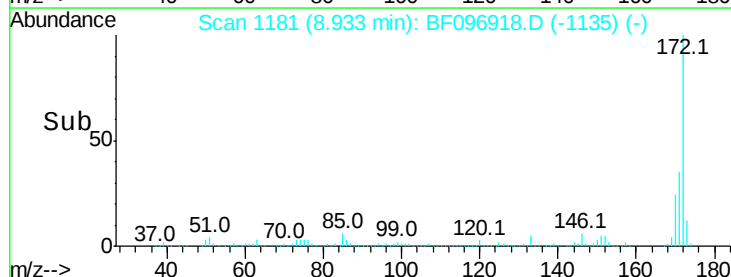
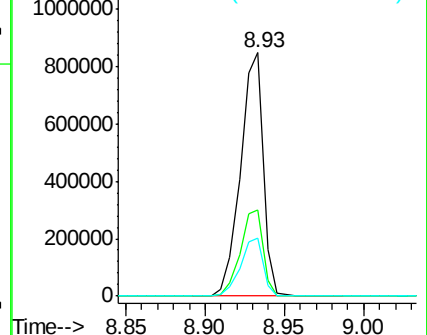
170 23.8 19.8 29.8

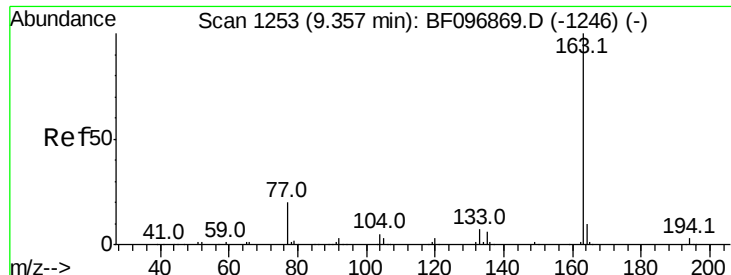


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 19.258 ng

RT: 9.33 min Scan# 1248

Delta R.T. -0.04 min

Lab File: BF096918.D

Acq: 20 Jul 2017 21:05

Instrument :

BNA_F

ClientSampleId :

VNJ-237

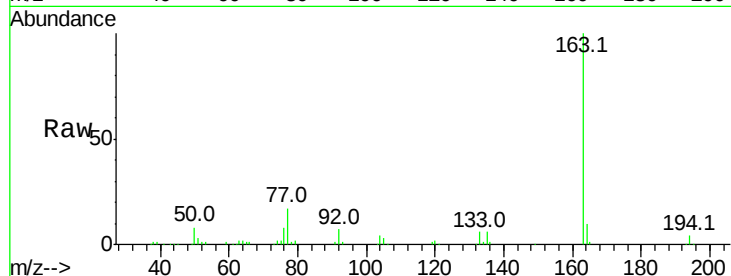
Tot Ion:163 Resp: 212164

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

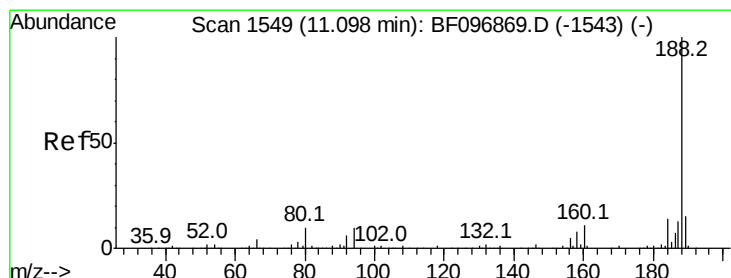
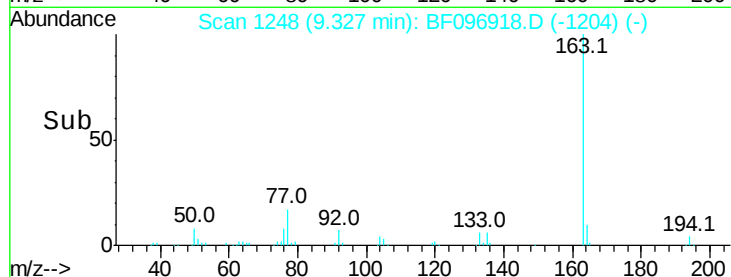
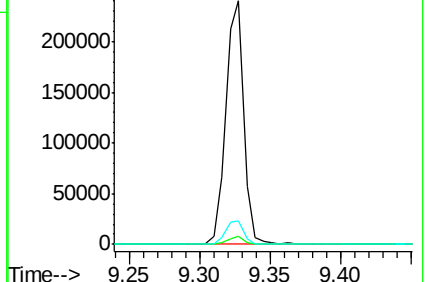
164 9.5 8.4 12.6



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: 11.07 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BF096918.D

Acq: 20 Jul 2017 21:05

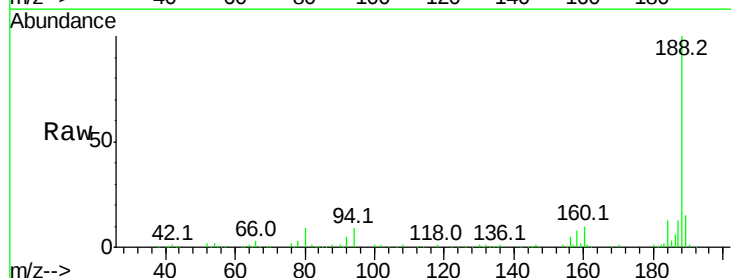
Tgt Ion:188 Resp: 212319

Ion Ratio Lower Upper

188 100

94 9.5 9.4 14.2

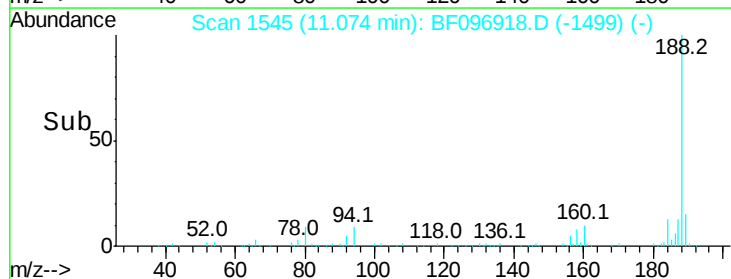
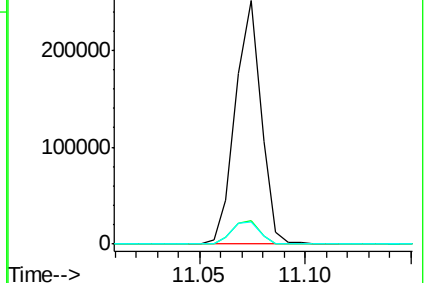
80 9.3 10.2 15.2#

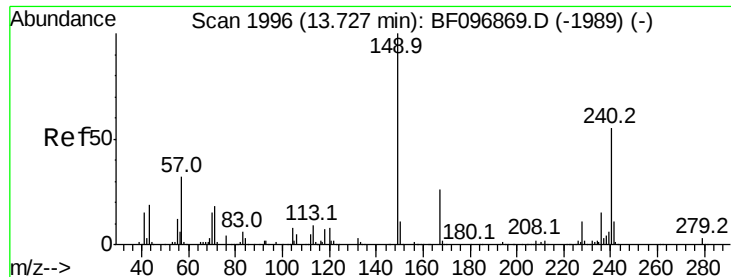


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.70 min Scan# 1991

Delta R.T. -0.04 min

Lab File: BF096918.D

Acq: 20 Jul 2017 21:05

Instrument :

BNA_F

ClientSampled :

VNJ-237

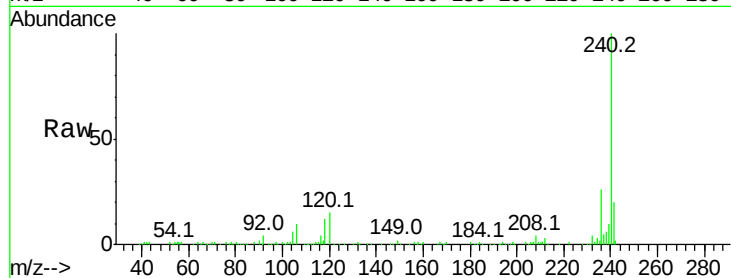
Tot Ion:240 Resp: 187280

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

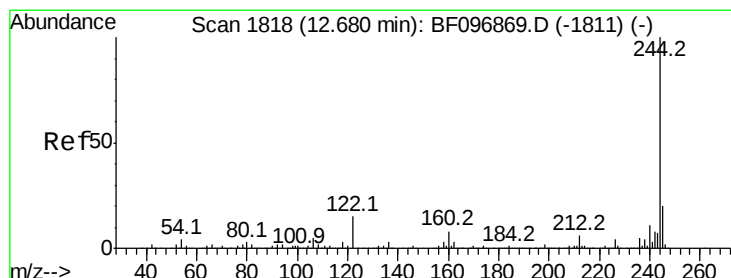
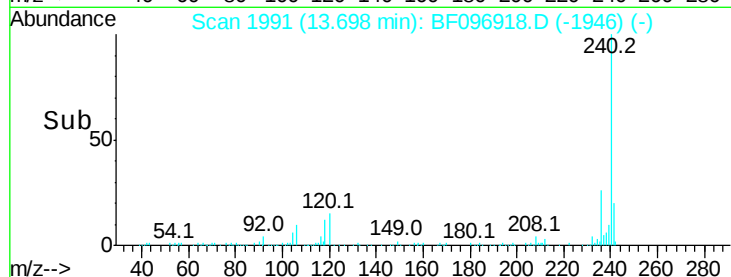
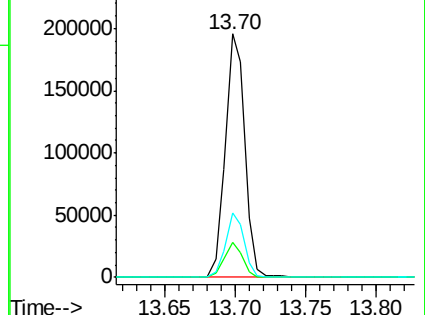
236 26.5 20.5 30.7



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: 49.642 ng

RT: 12.66 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF096918.D

Acq: 20 Jul 2017 21:05

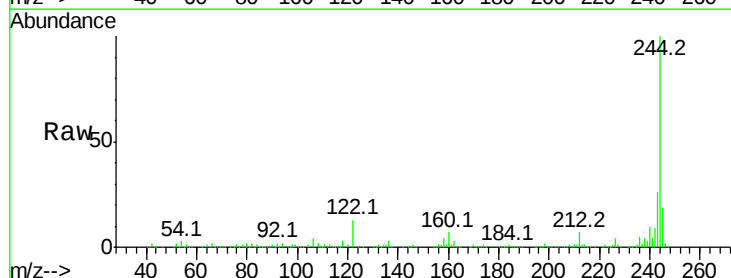
Tgt Ion:244 Resp: 536077

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

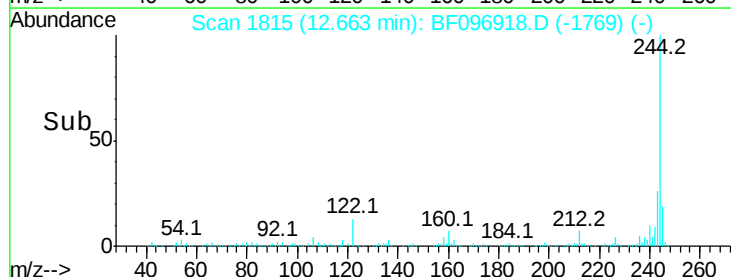
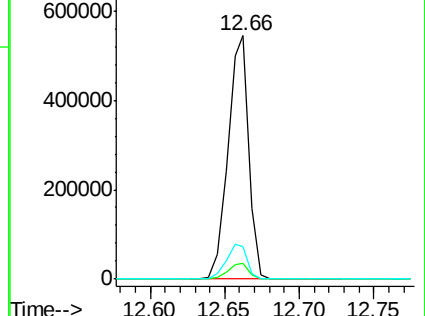
122 13.1 10.3 15.5

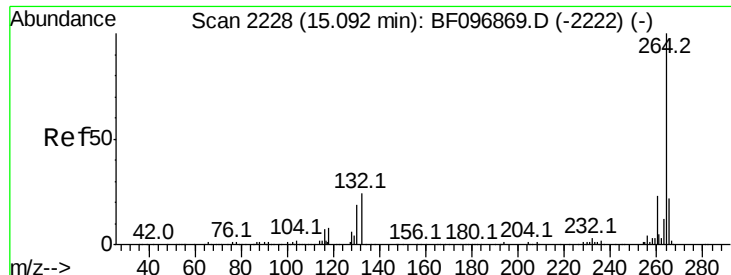


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

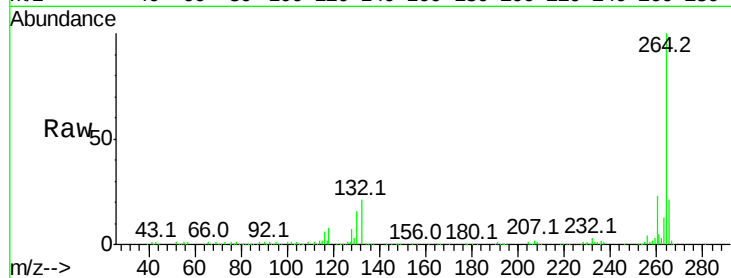




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.07 min Scan# 2224
Delta R.T. -0.04 min
Lab File: BF096918.D
Acq: 20 Jul 2017 21:05

Instrument :
BNA_F
ClientSampleId :
VNJ-237

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	20.7	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

