

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072117\
 Data File : BM010948.D
 Acq On : 21 Jul 2017 22:36
 Operator : SJ/JU
 Sample : I4312-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-209

Quant Time: Jul 21 23:27:10 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	258942	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	976530	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	656126	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	1737075	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	1929106	20.00	ng	-0.02
86) Perylene-d12	23.17	264	1472611	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1824901	116.74	ng	-0.01
7) Phenol-d6	6.62	99	2286560	106.10	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2112868	83.17	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1423989	142.02	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	4118621	78.09	ng	-0.02
78) Terphenyl-d14	19.50	244	7959945	79.81	ng	-0.01

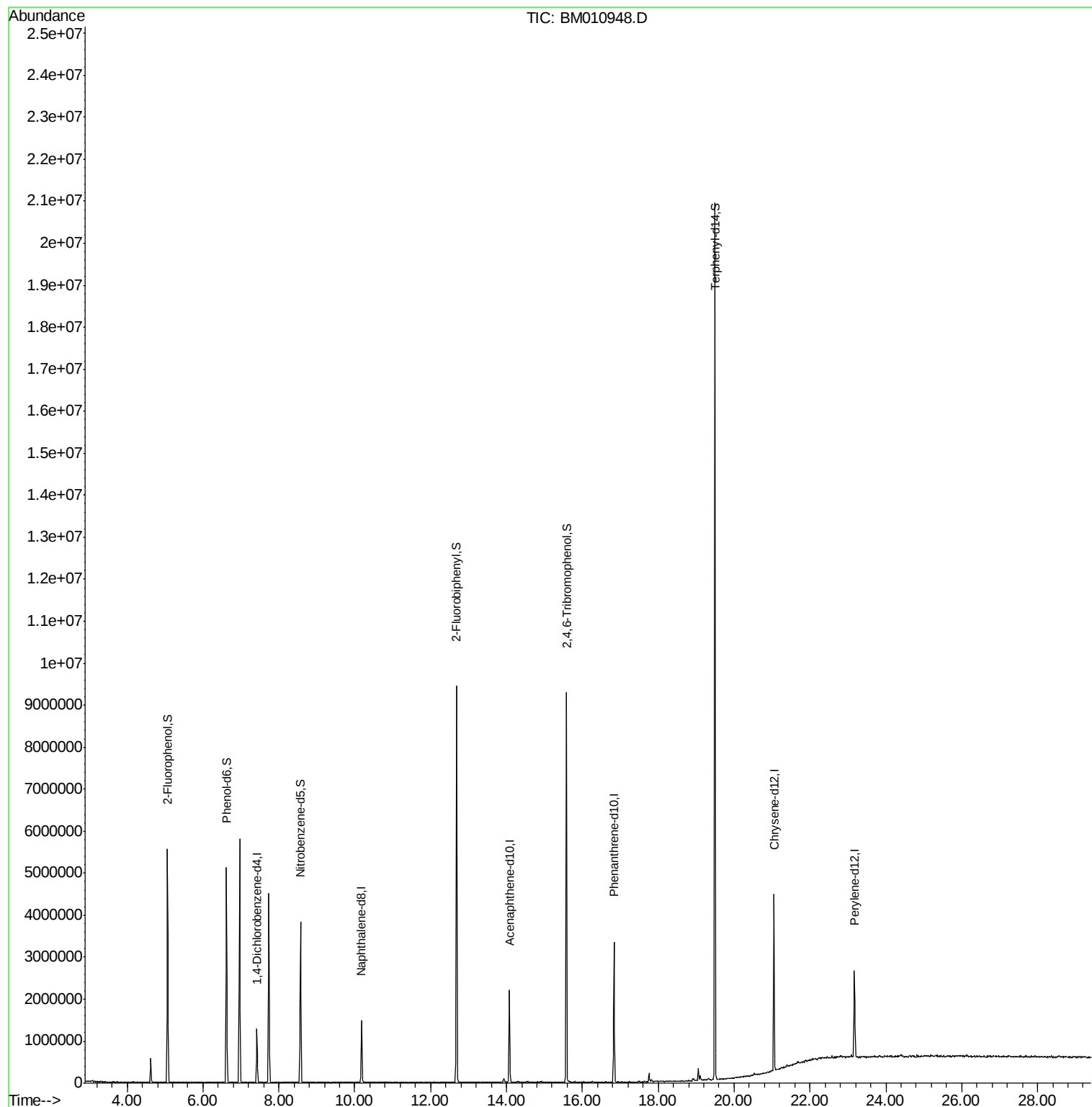
Target Compounds Qvalue

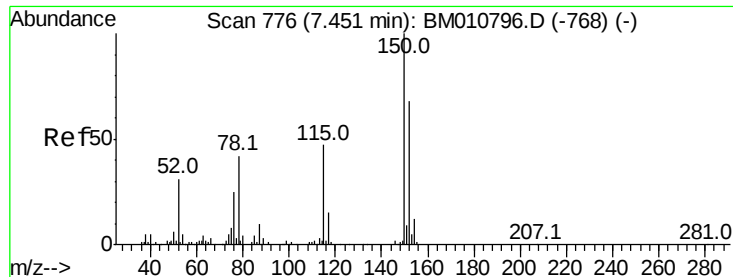
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072117\
Data File : BM010948.D
Acq On : 21 Jul 2017 22:36
Operator : SJ/JU
Sample : I4312-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-209

Quant Time: Jul 21 23:27:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration



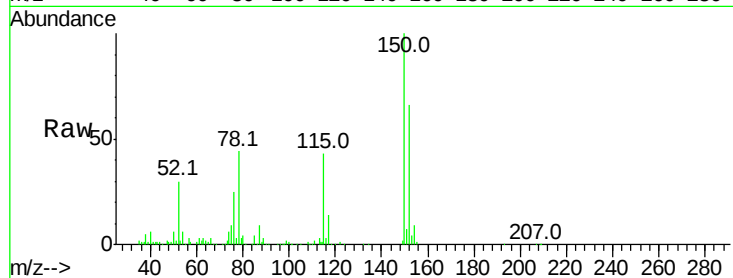


#1

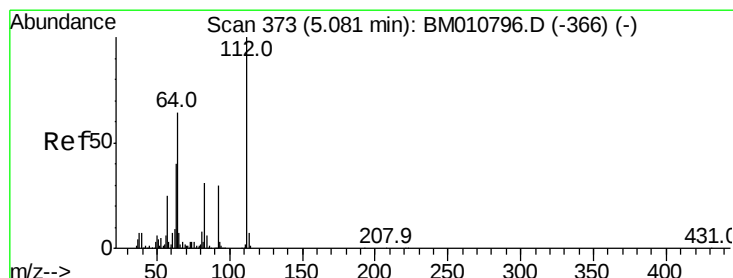
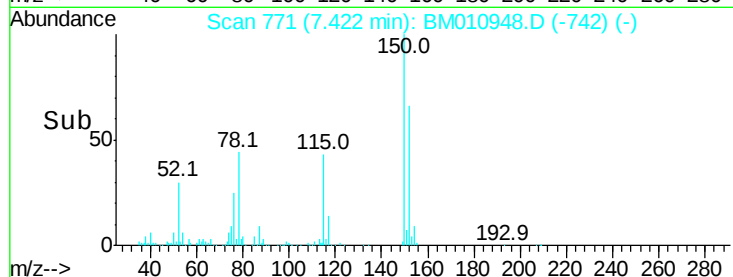
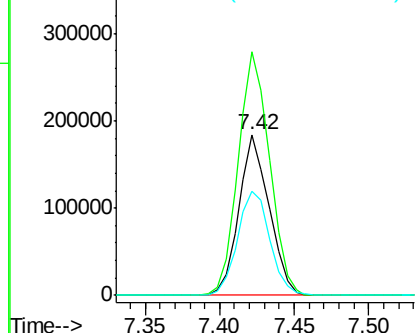
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.03 min
Lab File: BM010948.D
Acq: 21 Jul 2017 22:36

Instrument :
BNA_M
ClientSampleId :
VNJ-209

Tot Ion:152 Resp: 258942
Ion Ratio Lower Upper
152 100
150 151.7 119.5 179.3
115 64.6 43.0 64.4#



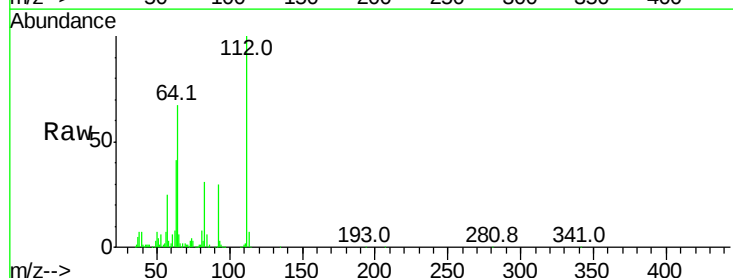
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



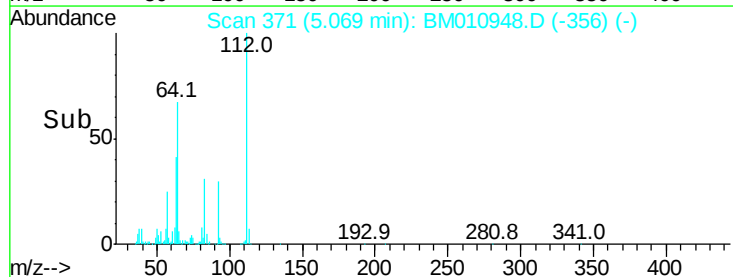
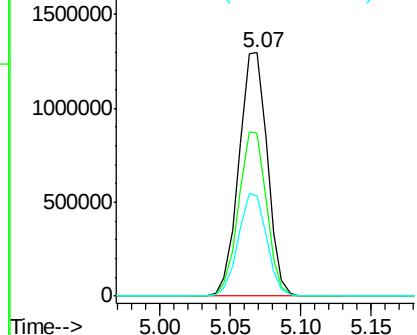
#5

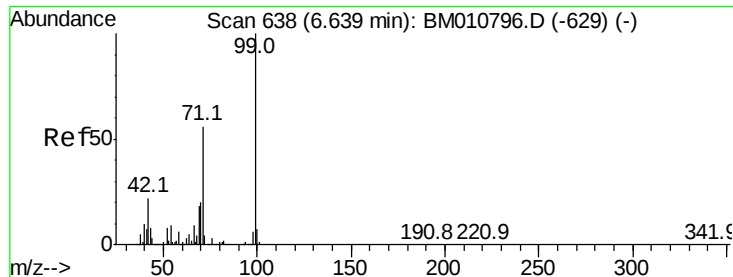
2-Fluorophenol
Concen: 116.742 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM010948.D
Acq: 21 Jul 2017 22:36

Tgt Ion:112 Resp: 1824901
Ion Ratio Lower Upper
112 100
64 66.9 38.6 57.8#
63 41.1 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 106.105 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM010948.D

Acq: 21 Jul 2017 22:36

Instrument :

BNA_M

ClientSampleId :

VNJ-209

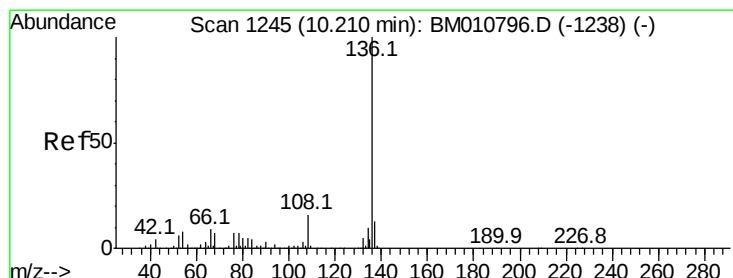
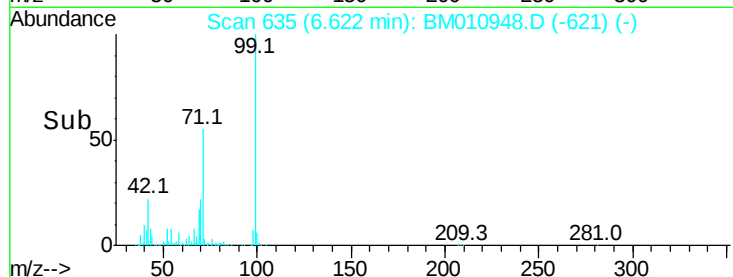
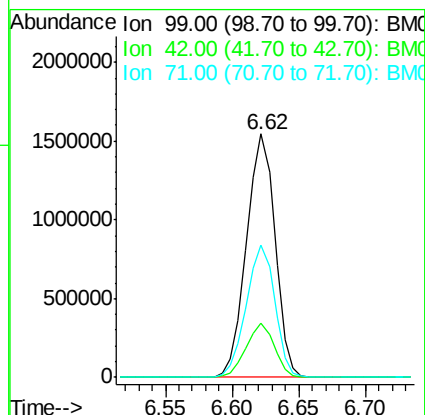
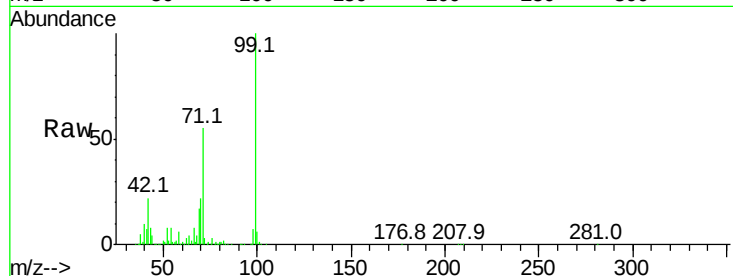
Tot Ion: 99 Resp: 2286560

Ion Ratio Lower Upper

99 100

42 22.0 11.0 16.4#

71 54.5 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.03 min

Lab File: BM010948.D

Acq: 21 Jul 2017 22:36

Tgt Ion: 136 Resp: 976530

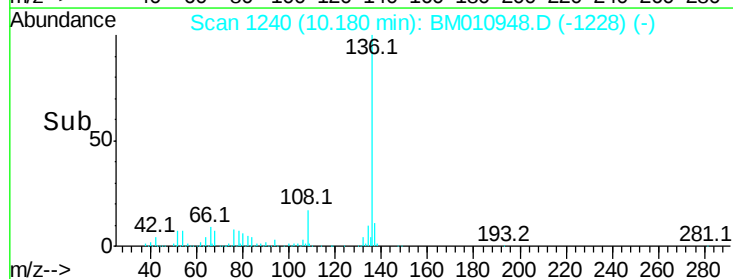
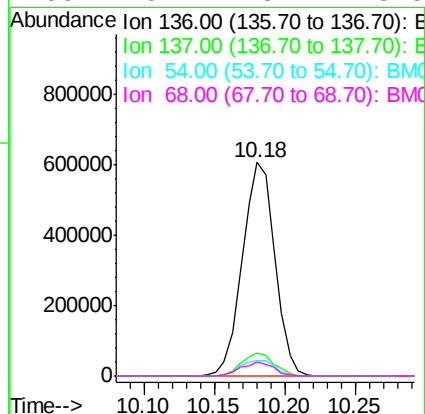
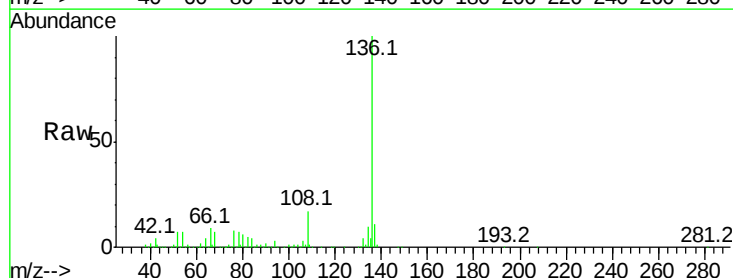
Ion Ratio Lower Upper

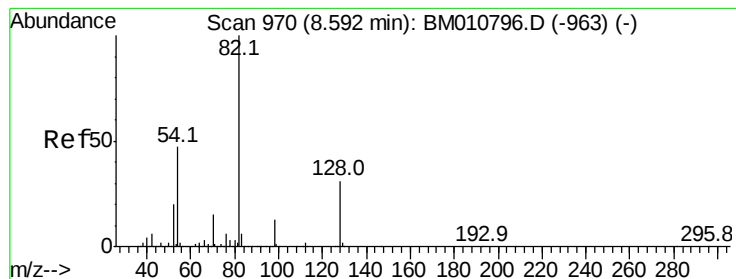
136 100

137 11.0 8.7 13.1

54 7.4 4.6 6.8#

68 6.7 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 83.165 ng

RT: 8.57 min Scan# 966

Delta R.T. -0.02 min

Lab File: BM010948.D

Acq: 21 Jul 2017 22:36

Instrument :

BNA_M

ClientSampleId :

VNJ-209

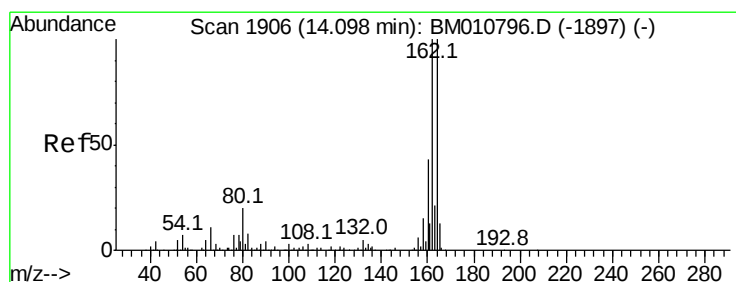
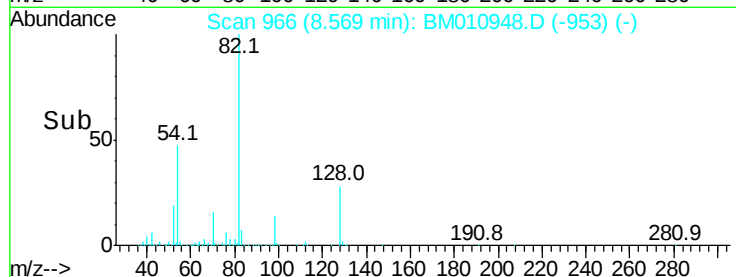
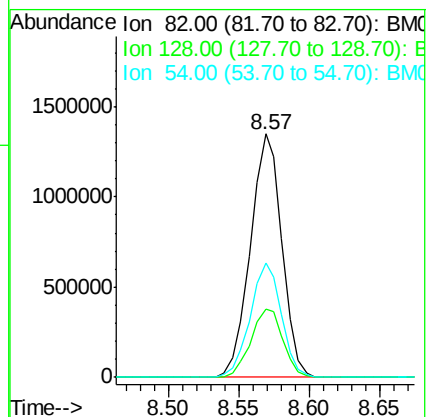
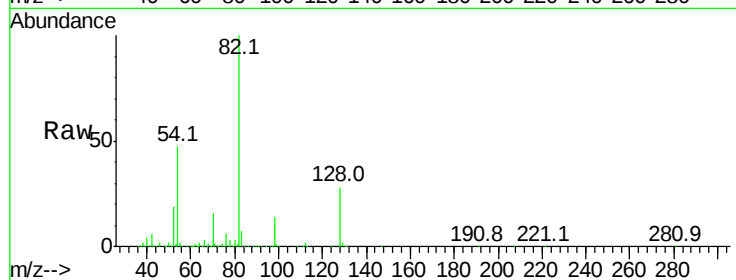
Tot Ion: 82 Resp: 2112868

Ion Ratio Lower Upper

82 100

128 28.3 32.8 49.2#

54 47.1 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM010948.D

Acq: 21 Jul 2017 22:36

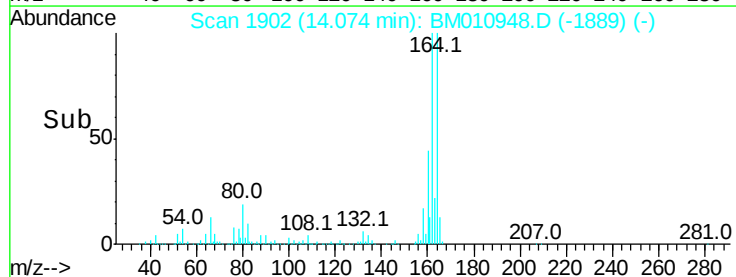
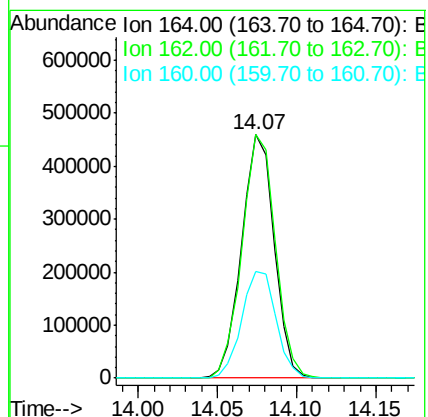
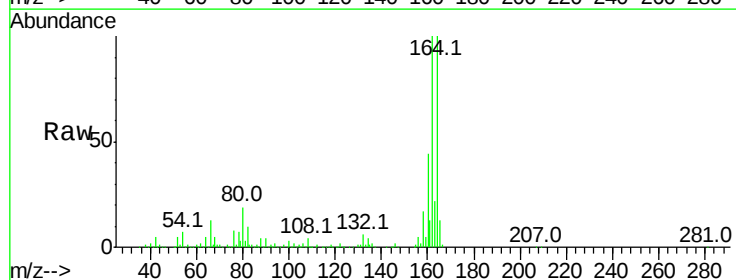
Tgt Ion: 164 Resp: 656126

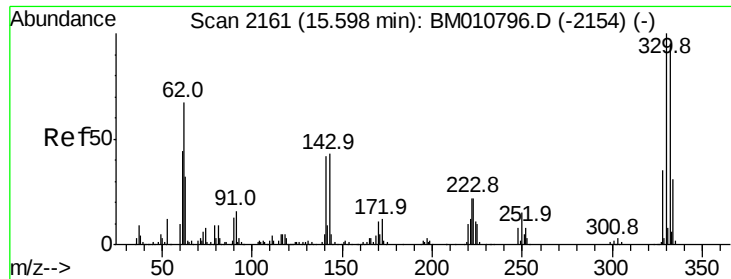
Ion Ratio Lower Upper

164 100

162 100.1 82.4 123.6

160 43.6 35.8 53.6

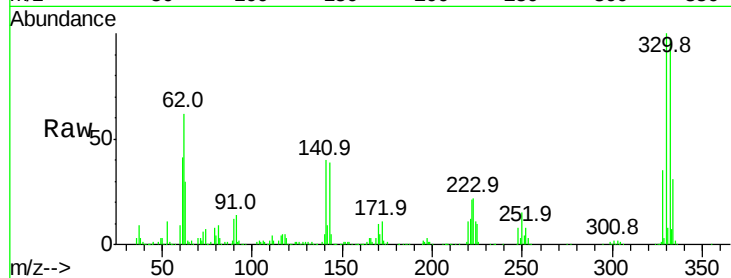




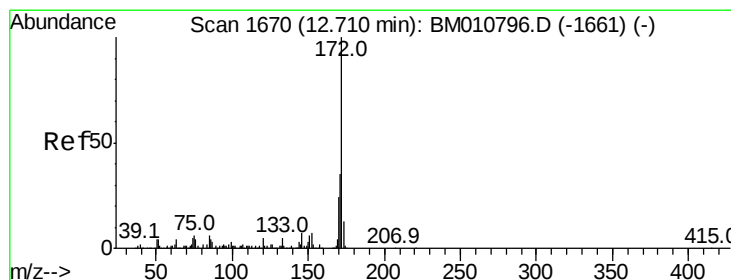
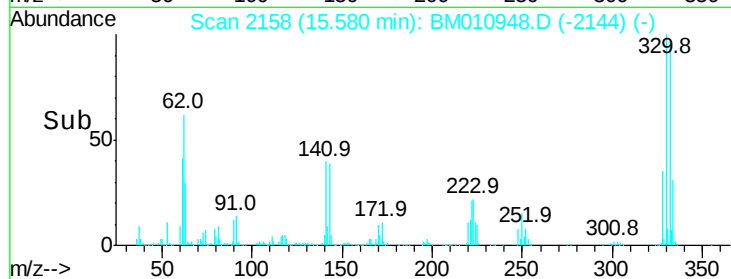
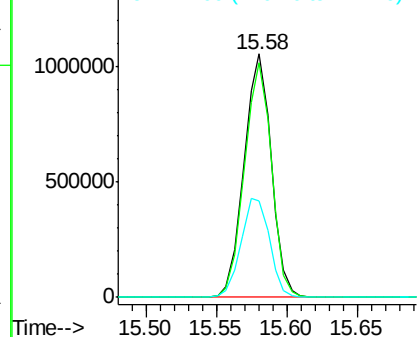
#41
 2,4,6-Tribromophenol
 Concen: 142.018 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BM010948.D
 Acq: 21 Jul 2017 22:36

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-209

Tot Ion:330 Resp: 1423989
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 42.5 0.0 0.0#

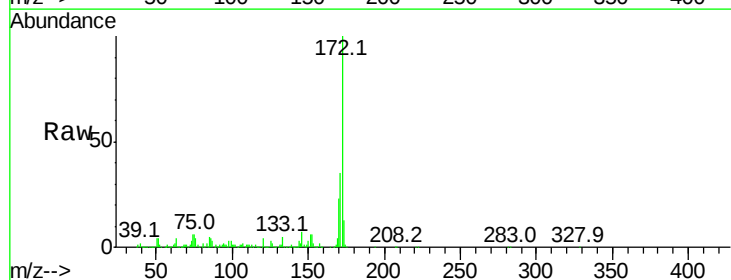


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

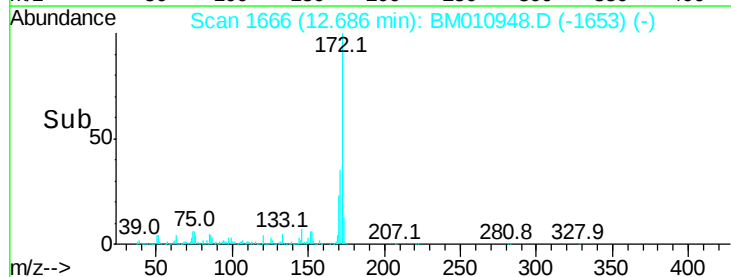
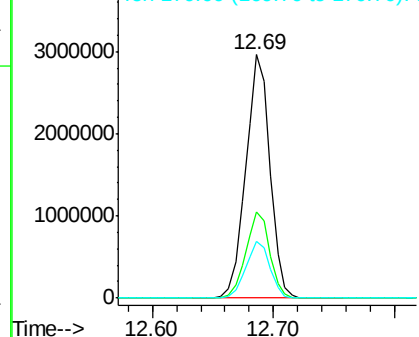


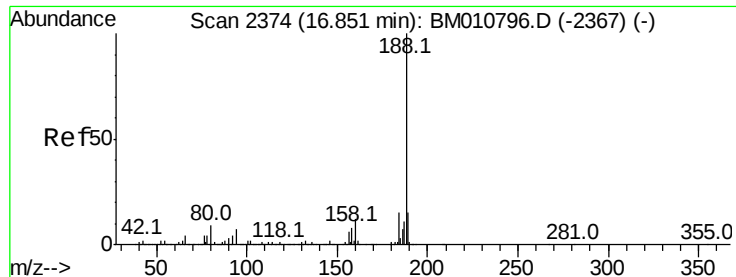
#44
 2-Fluorobiphenyl
 Concen: 78.090 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM010948.D
 Acq: 21 Jul 2017 22:36

Tgt Ion:172 Resp: 4118621
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.3 18.8 28.2



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.83 min Scan# 2371

Delta R.T. -0.02 min

Lab File: BM010948.D

Acq: 21 Jul 2017 22:36

Instrument :

BNA_M

ClientSampleId :

VNJ-209

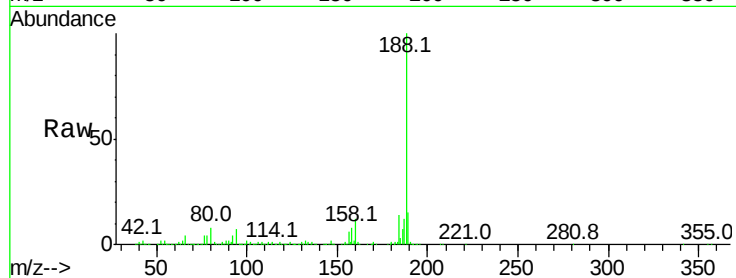
Tot Ion:188 Resp: 1737075

Ion Ratio Lower Upper

188 100

94 6.9 8.7 13.1#

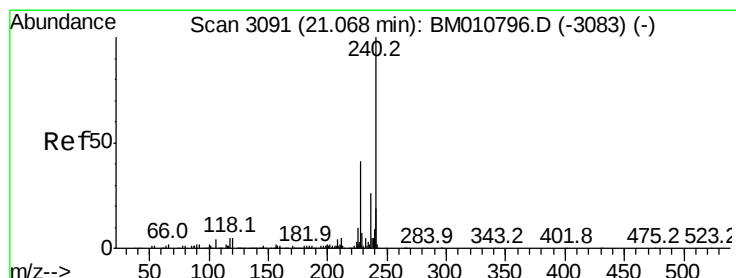
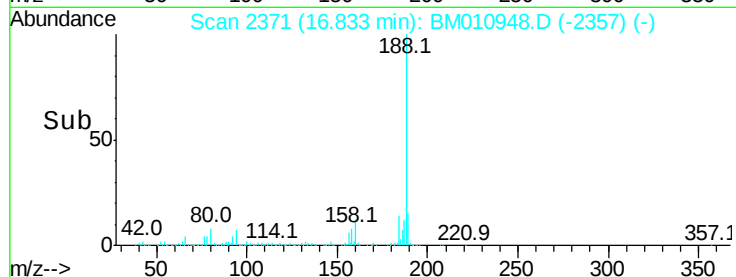
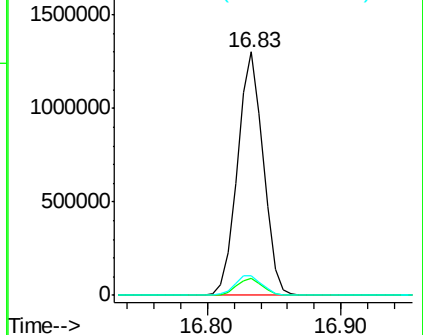
80 7.8 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM010948.D

Acq: 21 Jul 2017 22:36

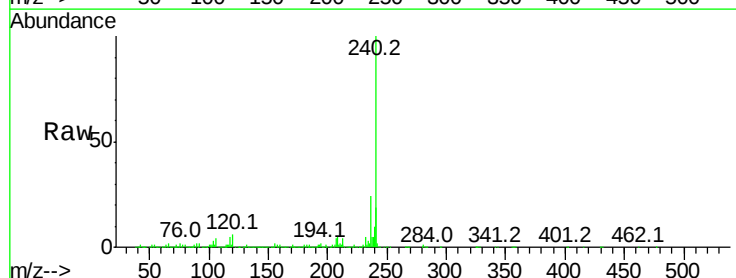
Tgt Ion:240 Resp: 1929106

Ion Ratio Lower Upper

240 100

120 5.8 8.2 12.2#

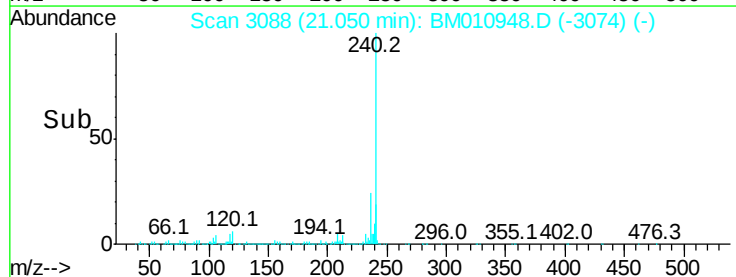
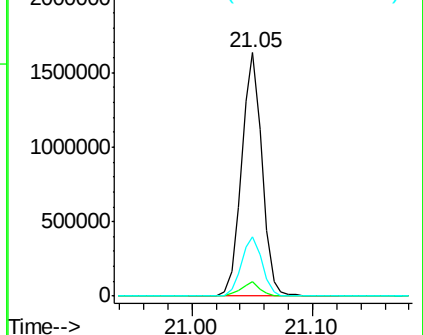
236 24.4 20.0 30.0

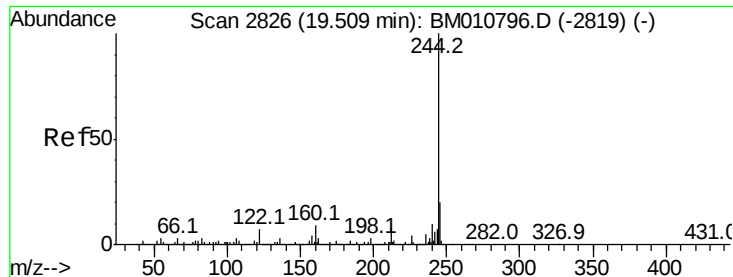


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



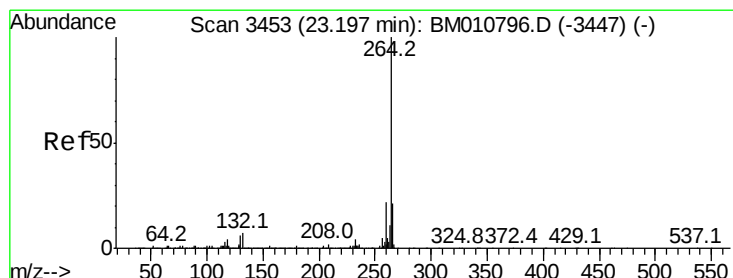
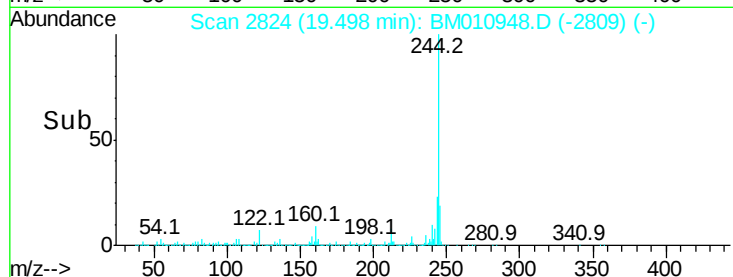
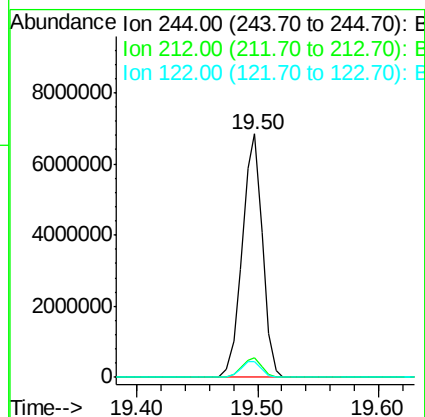
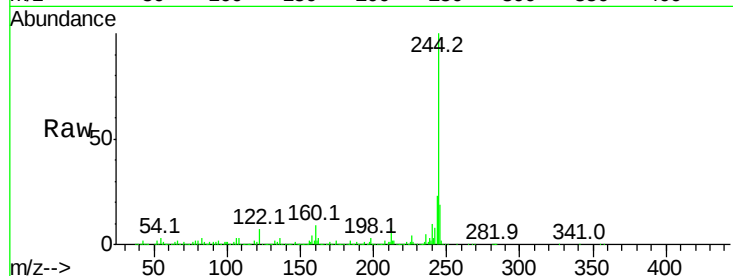


#78
 Terphenyl-d14
 Concen: 79.806 ng
 RT: 19.50 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM010948.D
 Acq: 21 Jul 2017 22:36

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-209

Tot Ion:244 Resp: 7959945

Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	6.5	6.2	9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.17 min Scan# 3449
 Delta R.T. -0.02 min
 Lab File: BM010948.D
 Acq: 21 Jul 2017 22:36

Tgt Ion:264 Resp: 1472611

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	22.5	17.3	25.9

