

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098081.D
 Acq On : 28 Aug 2017 22:15
 Operator : SJ/JU
 Sample : I4946-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211

Quant Time: Aug 29 09:03:18 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	112387	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	443470	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	198386	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	389583	20.00	ng	0.00
75) Chrysene-d12	13.89	240	336858	20.00	ng	0.00
86) Perylene-d12	15.32	264	266685	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	568584	76.95	ng	0.00
7) Phenol-d6	6.37	99	717041	71.43	ng	-0.01
23) Nitrobenzene-d5	7.30	82	485806	59.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	153257	89.03	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	738883	54.72	ng	-0.01
78) Terphenyl-d14	12.84	244	771899	47.78	ng	0.00

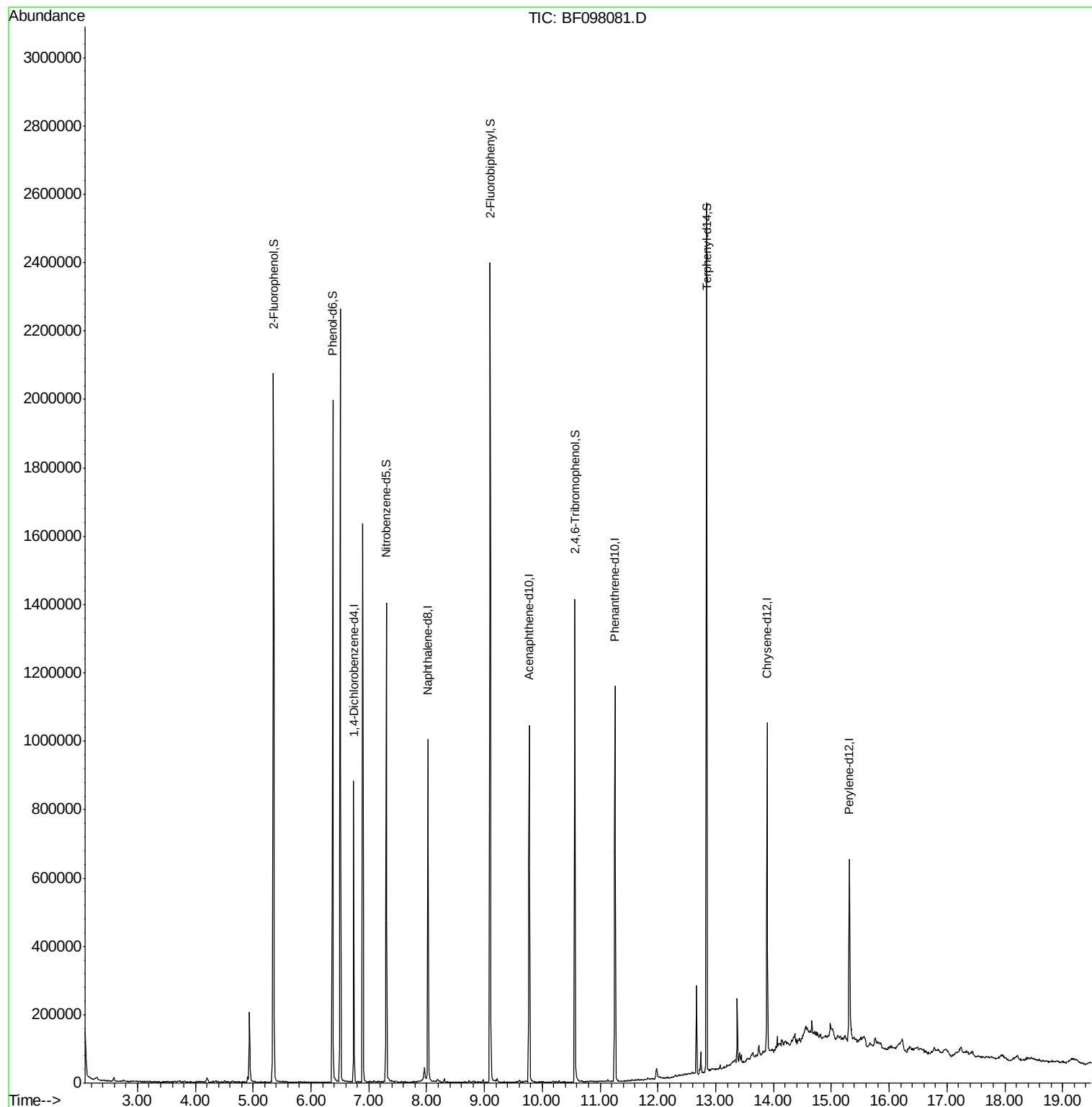
Target Compounds Qvalue

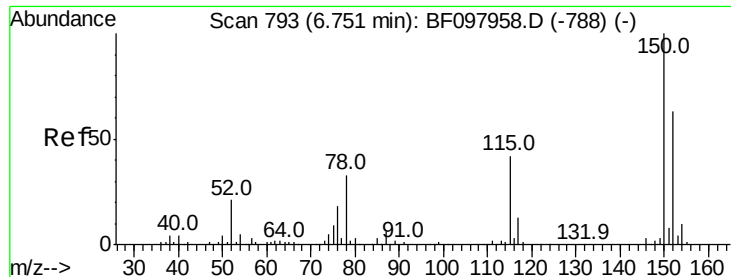
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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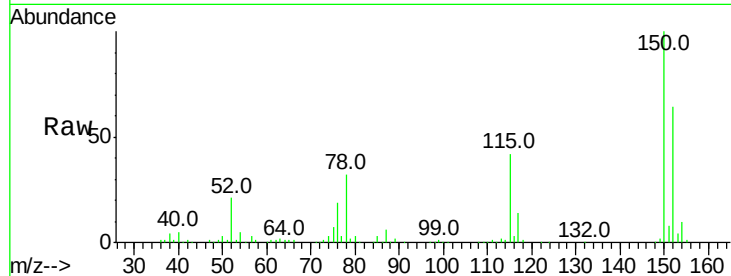


#1

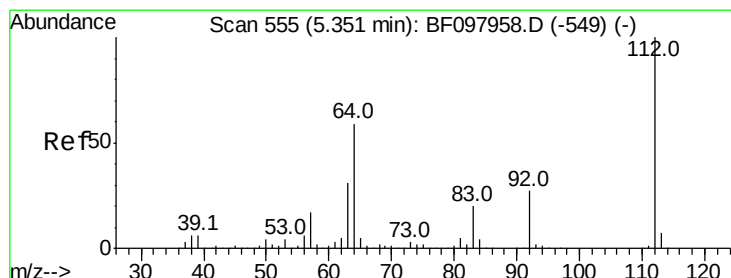
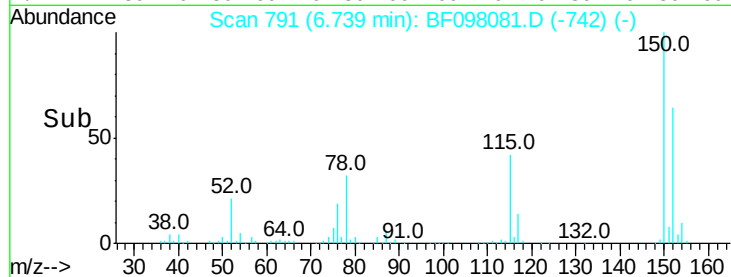
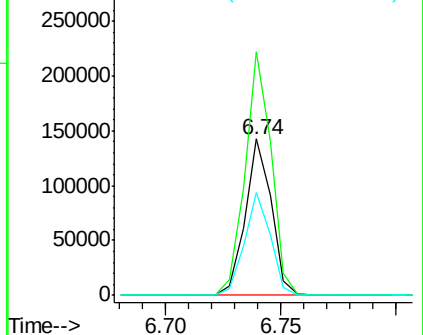
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF098081.D
 Acq: 28 Aug 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211

Tot Ion:152 Resp: 112387
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.2 189.2
 115 65.7 52.2 78.2



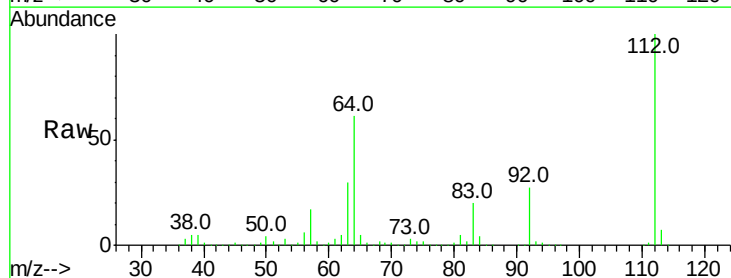
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



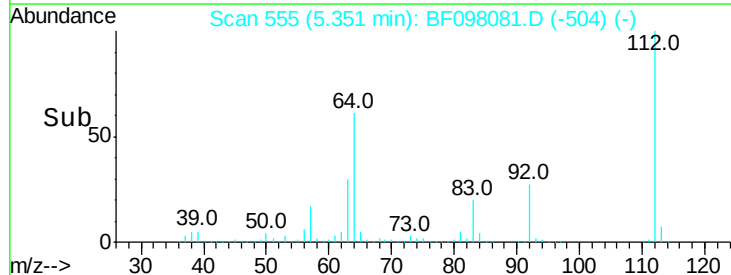
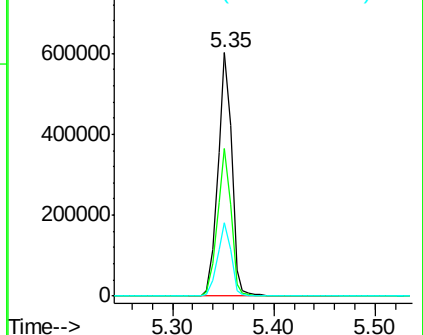
#5

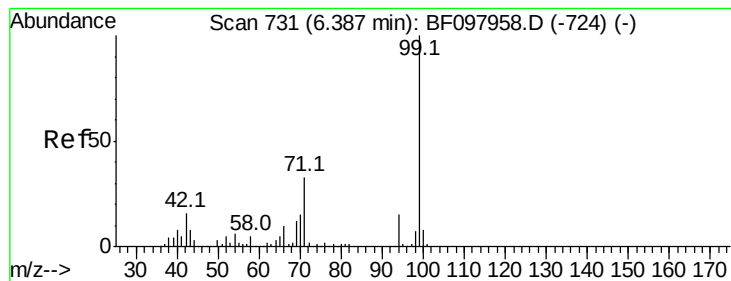
2-Fluorophenol
 Concen: 76.954 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF098081.D
 Acq: 28 Aug 2017 22:15

Tgt Ion:112 Resp: 568584
 Ion Ratio Lower Upper
 112 100
 64 60.9 46.0 69.0
 63 30.2 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: 71.425 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098081.D

Acq: 28 Aug 2017 22:15

Instrument :

BNA_F

ClientSampled :

VNJ-211

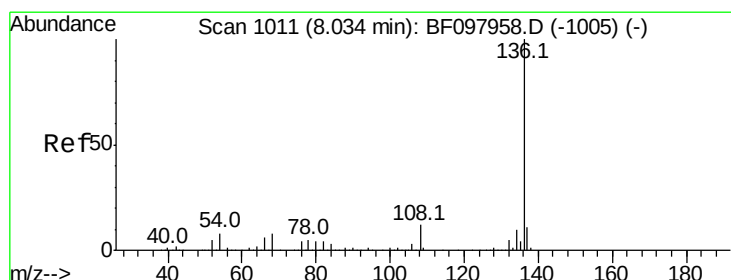
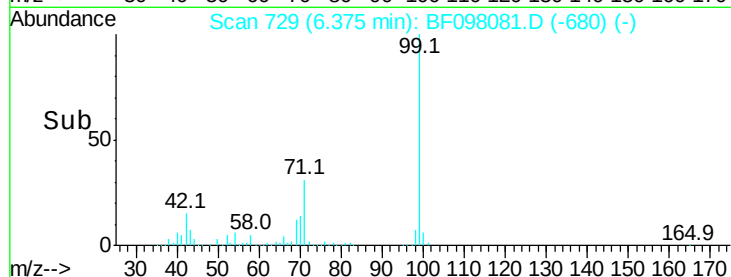
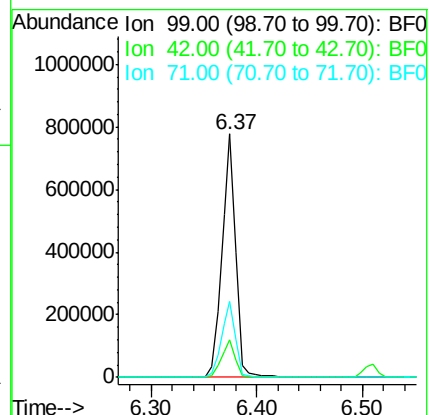
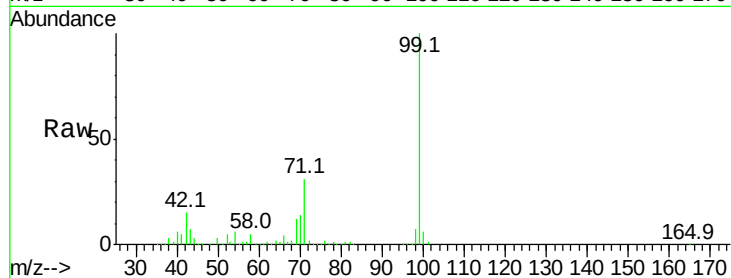
Tot Ion: 99 Resp: 717041

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

71 31.4 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF098081.D

Acq: 28 Aug 2017 22:15

Tgt Ion: 136 Resp: 443470

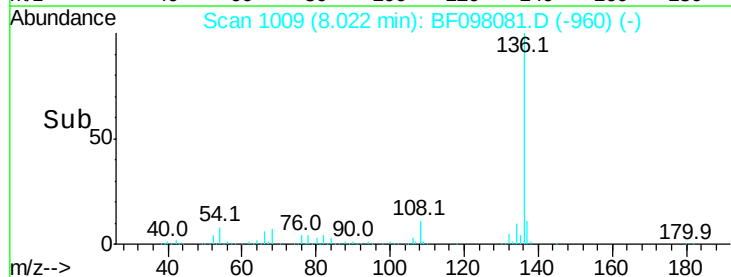
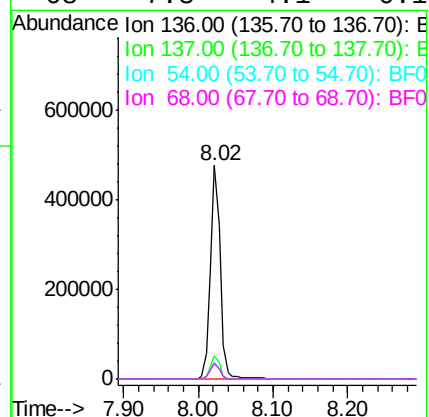
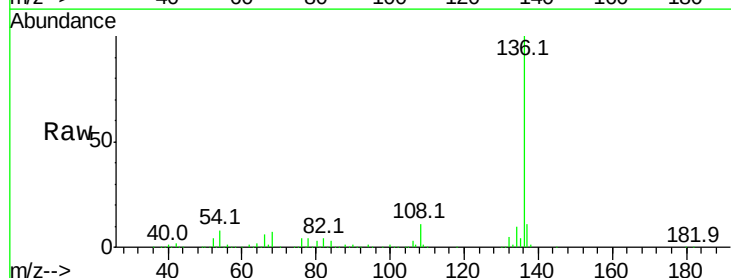
Ion Ratio Lower Upper

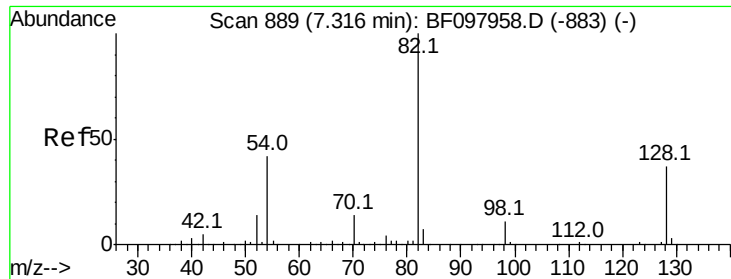
136 100

137 10.9 8.5 12.7

54 7.8 4.9 7.3#

68 7.3 4.1 6.1#

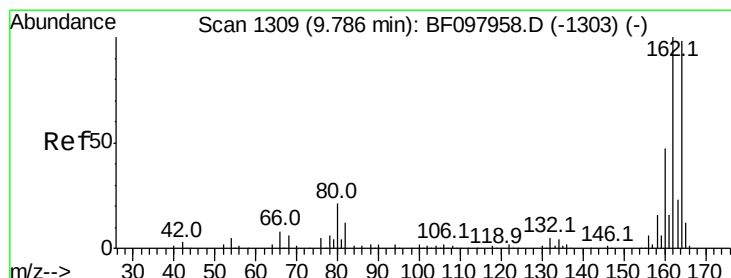
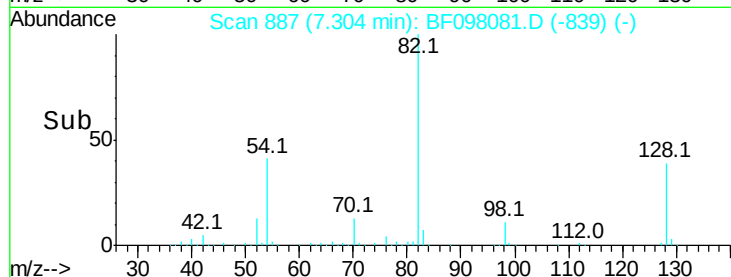
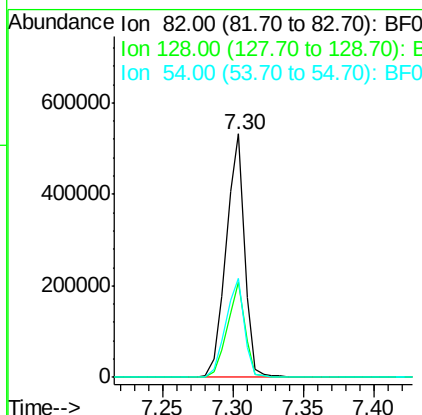
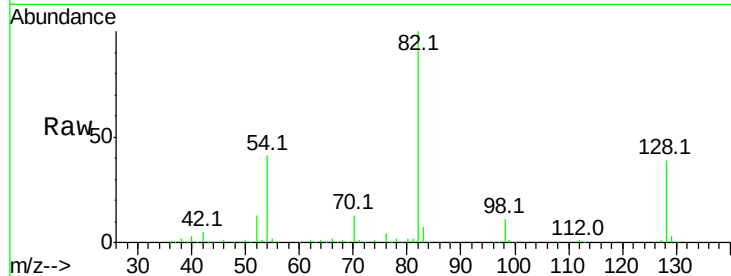




#23
 Nitrobenzene-d5
 Concen: 59.511 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098081.D
 Acq: 28 Aug 2017 22:15

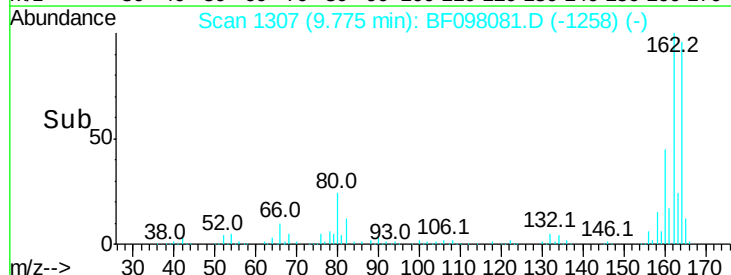
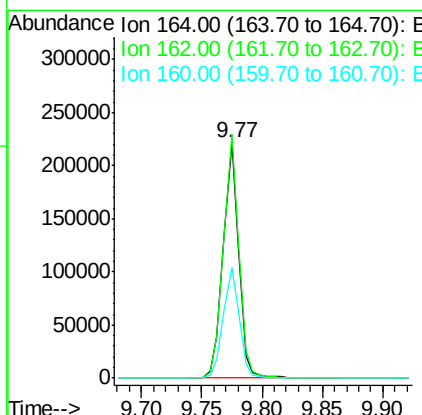
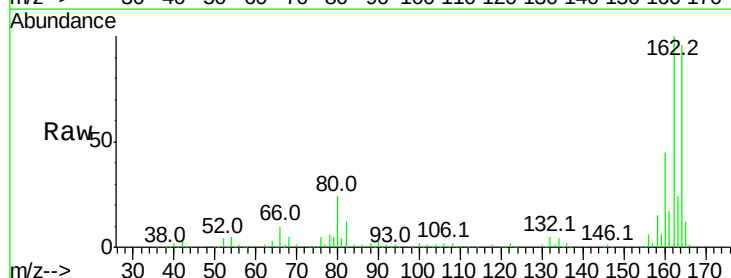
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211

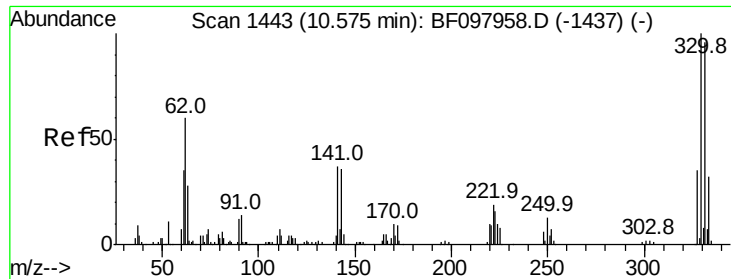
Tot Ion: 82 Resp: 485806
 Ion Ratio Lower Upper
 82 100
 128 39.3 34.0 51.0
 54 40.5 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098081.D
 Acq: 28 Aug 2017 22:15

Tgt Ion: 164 Resp: 198386
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.6 123.8
 160 46.9 36.2 54.2

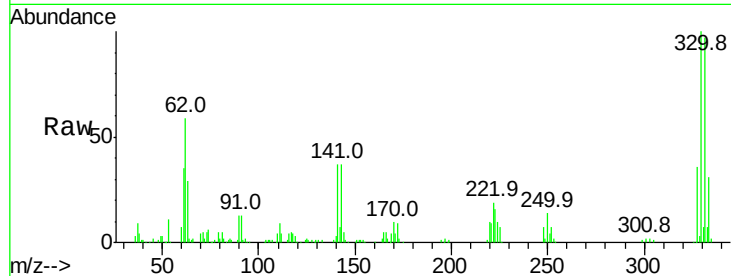




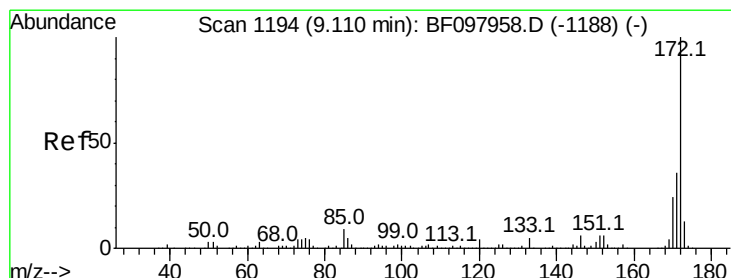
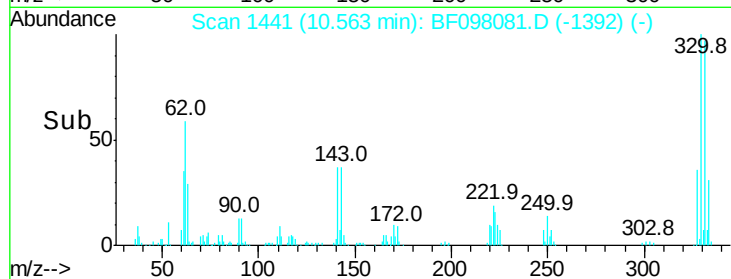
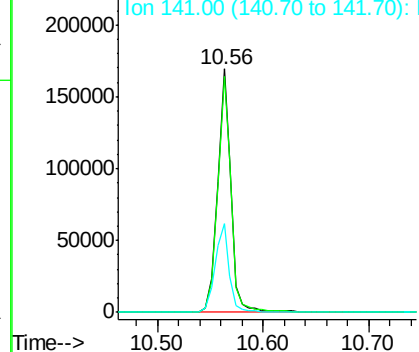
#41
 2,4,6-Tribromophenol
 Concen: 89.034 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098081.D
 Acq: 28 Aug 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211

Tot Ion:330 Resp: 153257
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 38.4 31.4 47.2

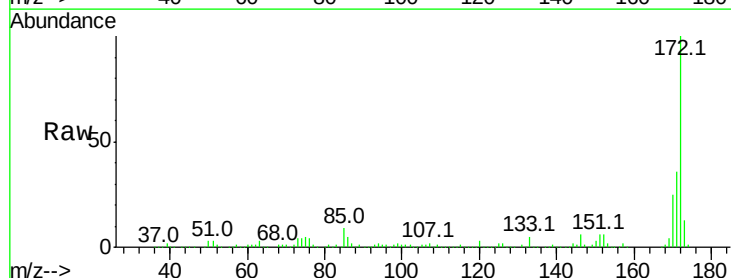


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

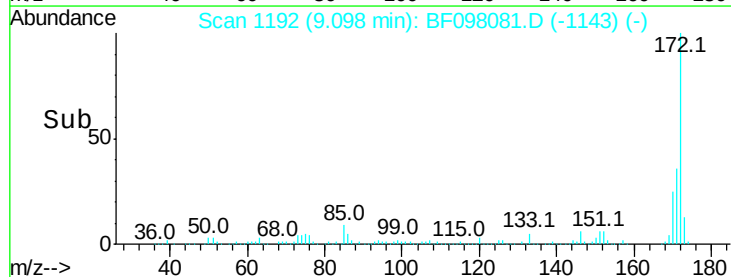
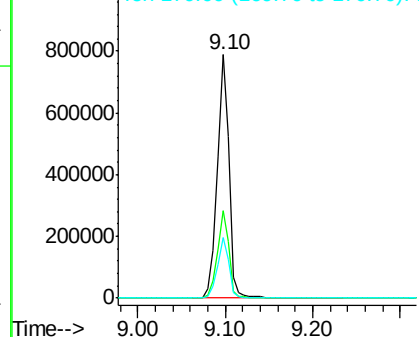


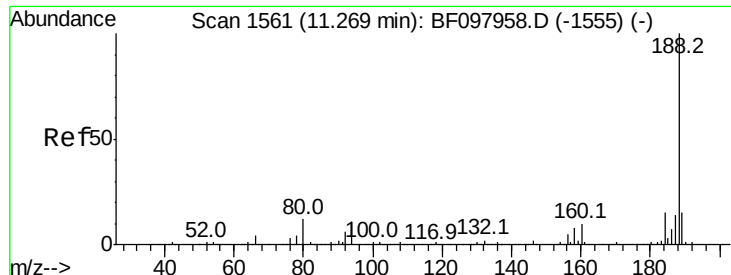
#44
 2-Fluorobiphenyl
 Concen: 54.720 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098081.D
 Acq: 28 Aug 2017 22:15

Tgt Ion:172 Resp: 738883
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 25.0 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF098081.D

Acq: 28 Aug 2017 22:15

Instrument :

BNA_F

ClientSampleId :

VNJ-211

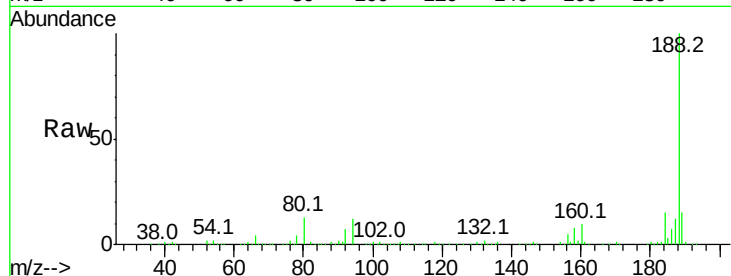
Tot Ion:188 Resp: 389583

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.2

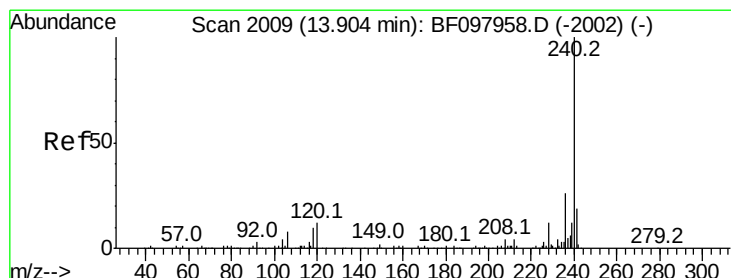
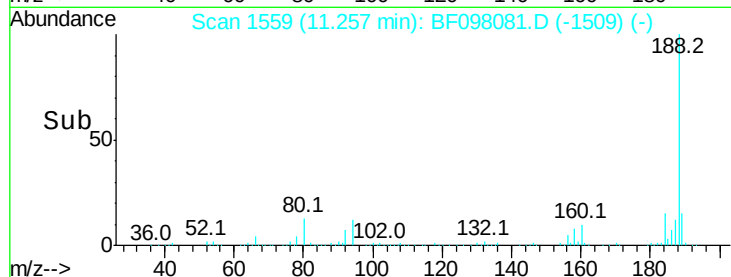
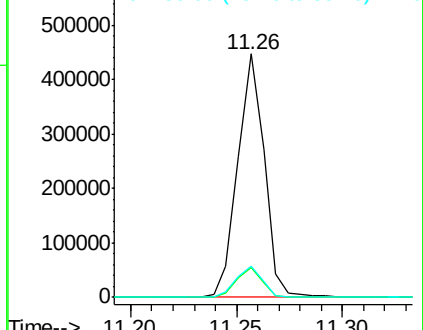
80 12.6 10.2 15.2



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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098081.D

Acq: 28 Aug 2017 22:15

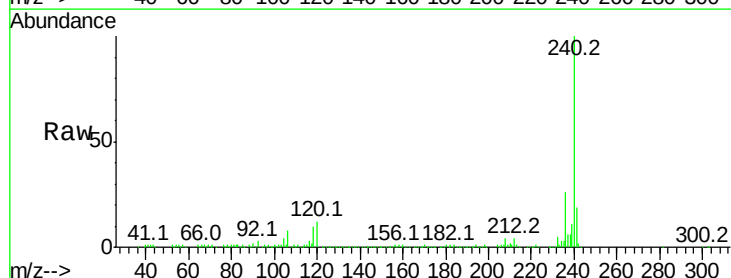
Tgt Ion:240 Resp: 336858

Ion Ratio Lower Upper

240 100

120 12.1 5.8 8.8#

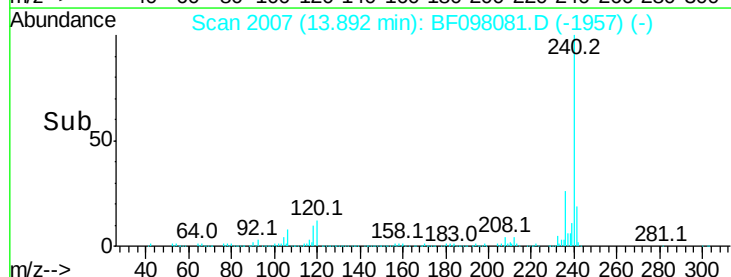
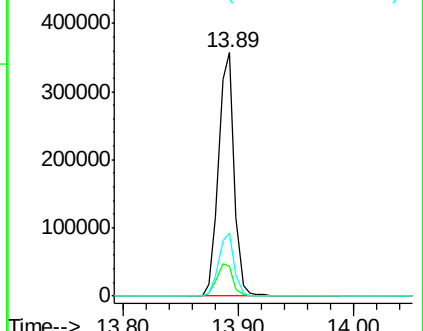
236 26.1 20.5 30.7

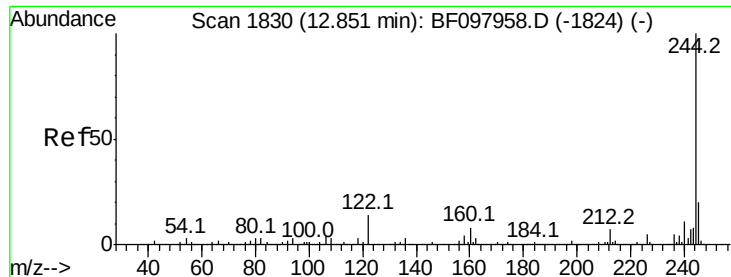


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

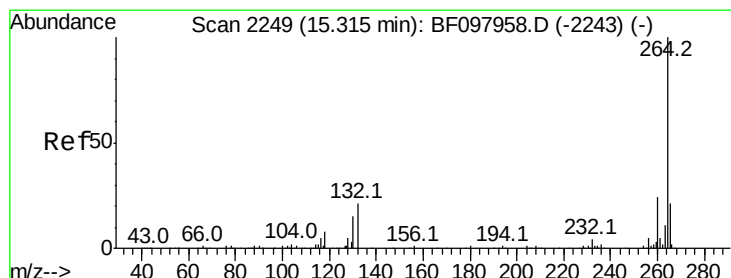
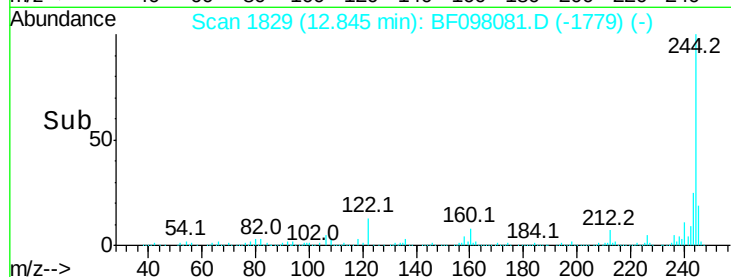
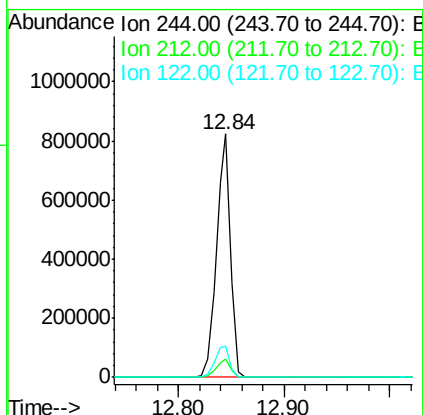
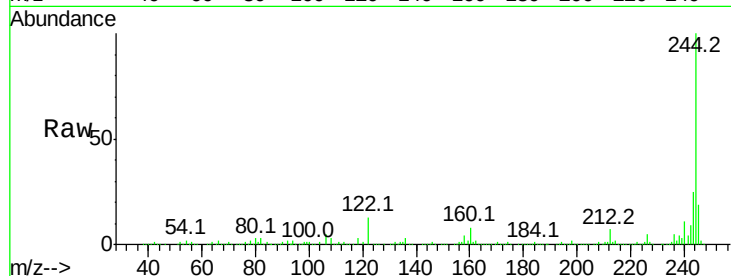




#78
 Terphenyl-d14
 Concen: 47.785 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF098081.D
 Acq: 28 Aug 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211

Tot Ion:244 Resp: 771899
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF098081.D
 Acq: 28 Aug 2017 22:15

Tgt Ion:264 Resp: 266685
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 20.9 17.2 25.8

