

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097892.D
 Acq On : 19 Aug 2017 21:28
 Operator : SJ/JU
 Sample : I4852-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-207

Quant Time: Aug 21 05:04:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	149495	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	560455	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	226422	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	352729	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	266301	20.00	ng	-0.03
86) Perylene-d12	15.33	264	213897	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	113796	11.58	ng	-0.03
7) Phenol-d6	6.38	99	157819	11.82	ng	-0.03
23) Nitrobenzene-d5	7.32	82	91232	8.84	ng	-0.04
41) 2,4,6-Tribromophenol	10.58	330	16230	8.26	ng	-0.03
44) 2-Fluorobiphenyl	9.12	172	138321	8.98	ng	-0.03
78) Terphenyl-d14	12.86	244	77828	6.09	ng	-0.04

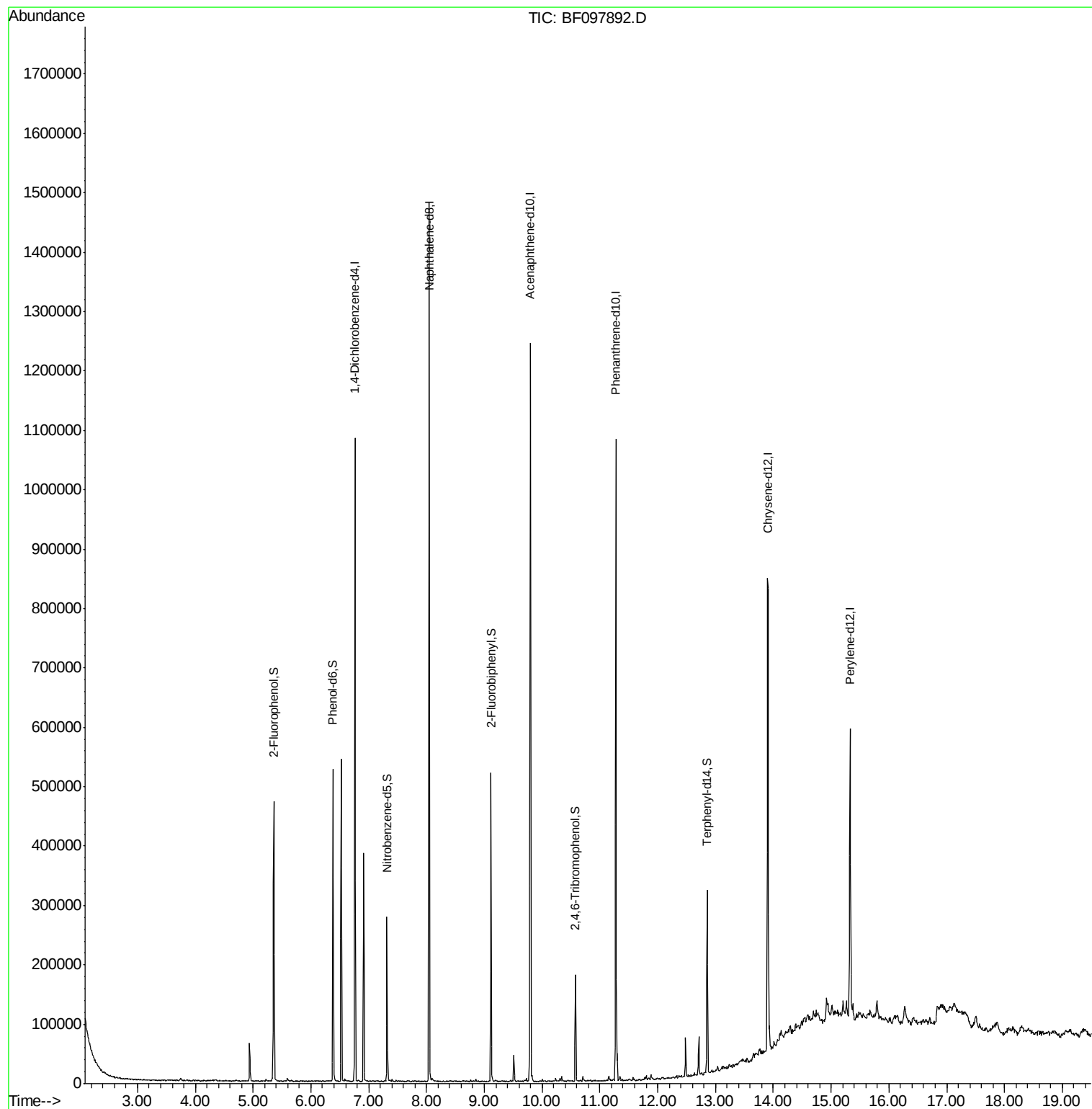
Target Compounds Qvalue

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

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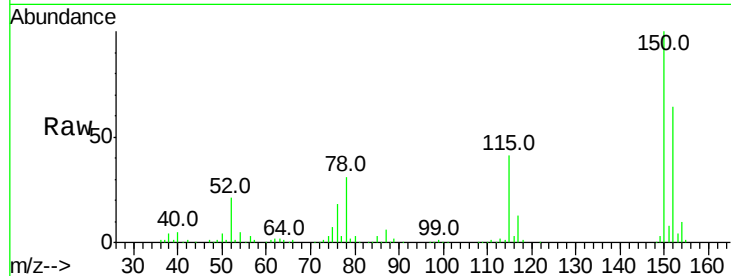


#1

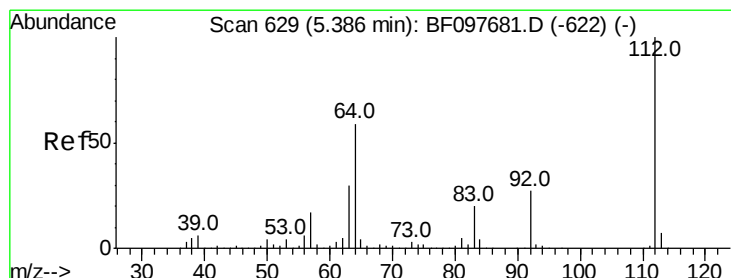
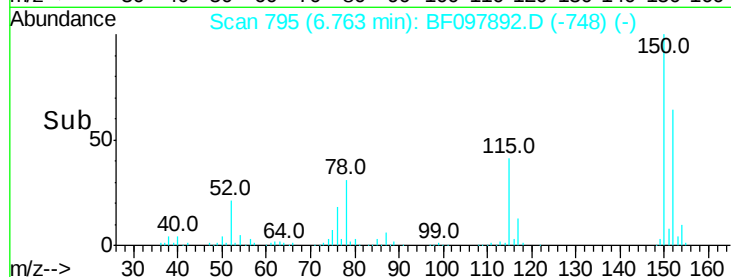
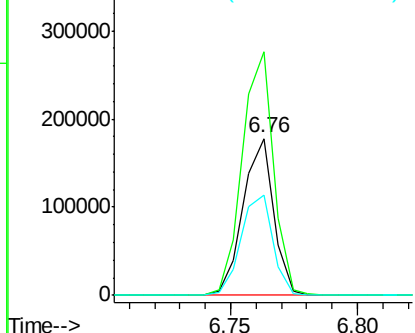
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF097892.D
 Acq: 19 Aug 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-207

Tot Ion:152 Resp: 149495
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.2 189.2
 115 63.9 52.2 78.2



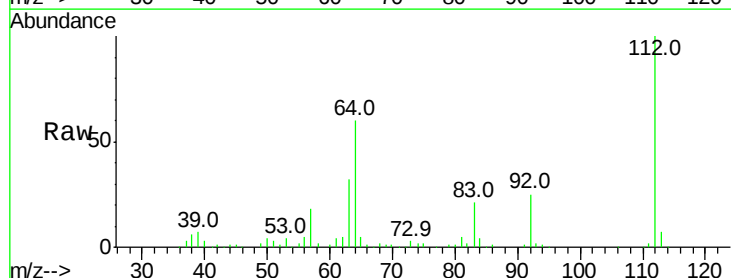
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



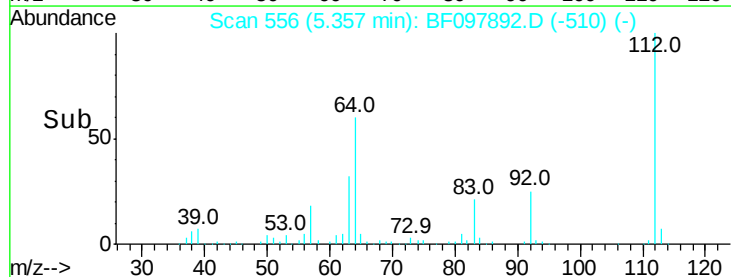
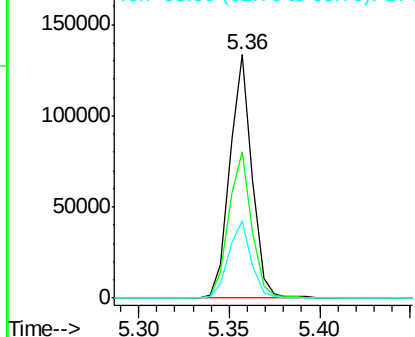
#5

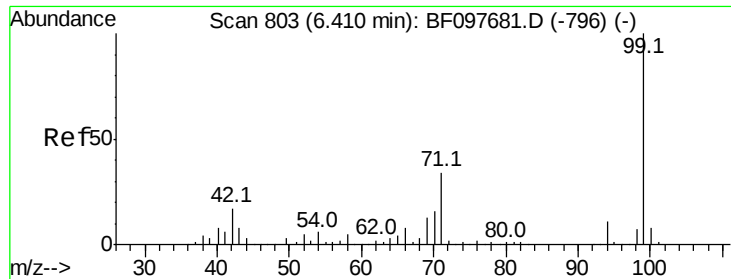
2-Fluorophenol
 Concen: 11.578 ng
 RT: 5.36 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: BF097892.D
 Acq: 19 Aug 2017 21:28

Tgt Ion:112 Resp: 113796
 Ion Ratio Lower Upper
 112 100
 64 60.0 46.0 69.0
 63 31.8 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: 11.818 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF097892.D

Acq: 19 Aug 2017 21:28

Instrument :

BNA_F

ClientSampleId :

VNJ-207

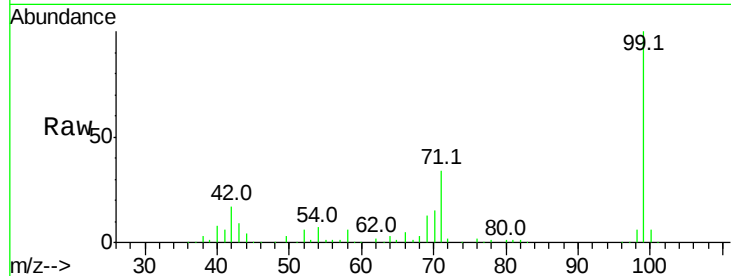
Tot Ion: 99 Resp: 157819

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

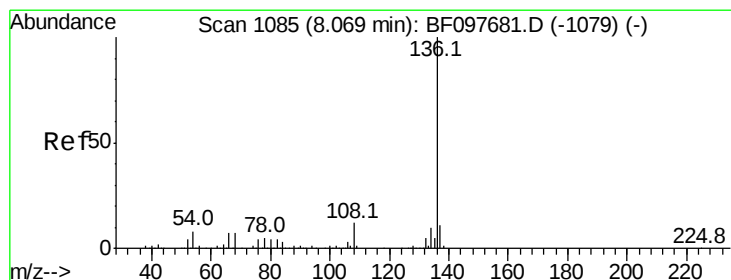
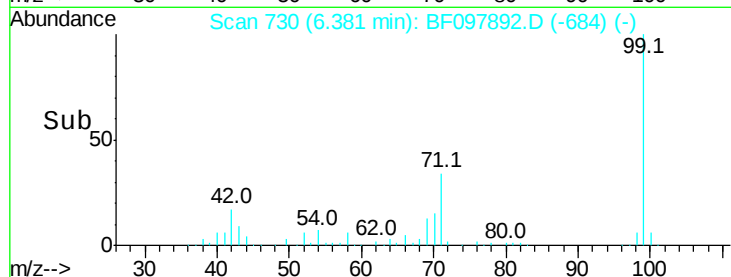
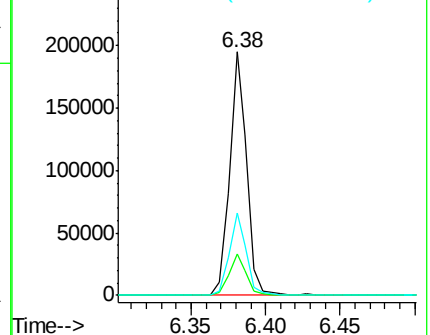
71 33.8 24.5 36.7



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: 8.05 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BF097892.D

Acq: 19 Aug 2017 21:28

Tgt Ion: 136 Resp: 560455

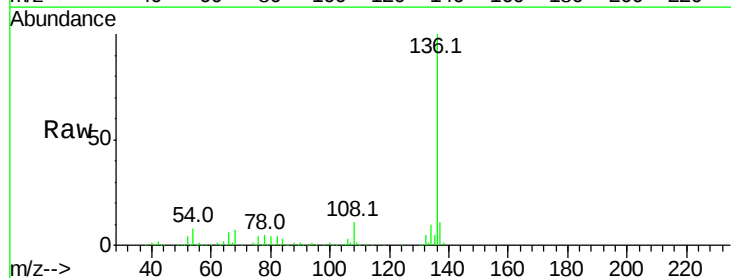
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.6 4.9 7.3#

68 7.2 4.1 6.1#

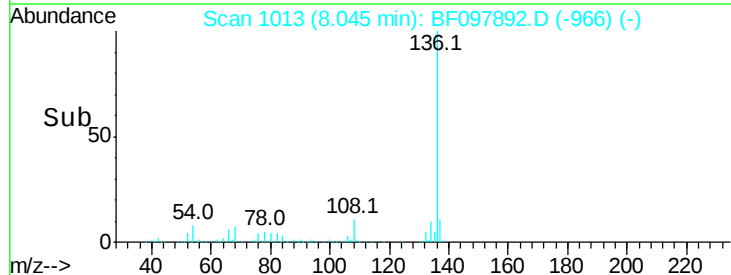
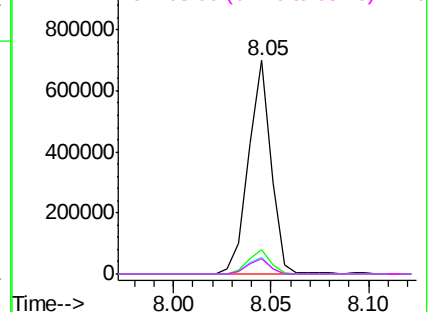


Abundance Ion 136.00 (135.70 to 136.70): E

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

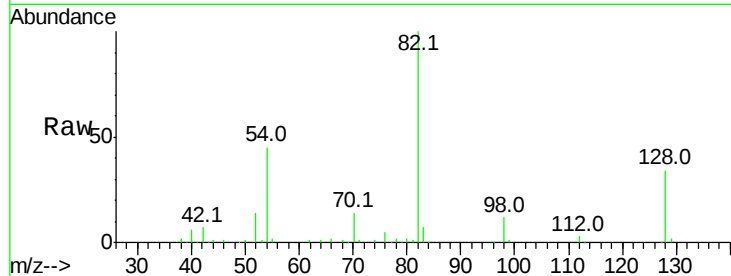




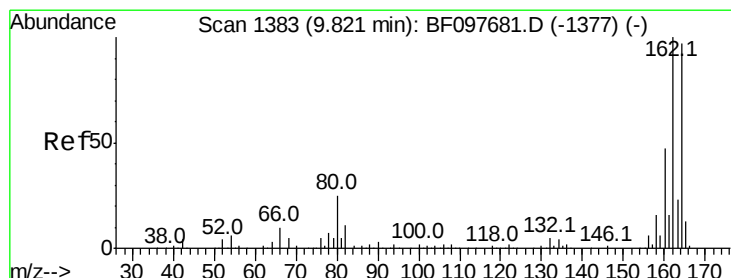
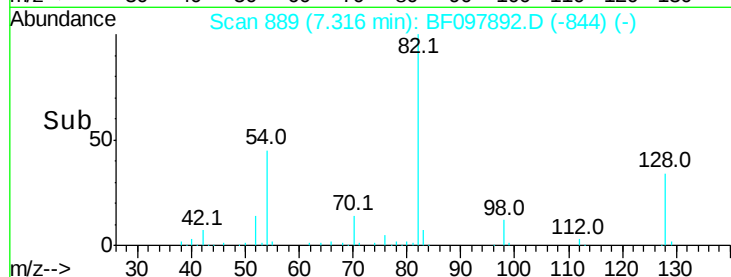
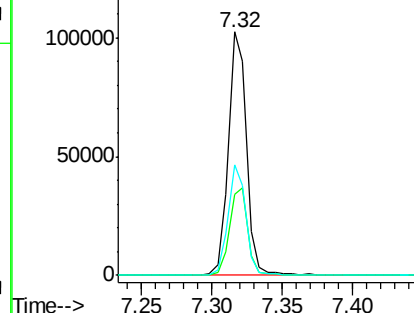
#23
 Nitrobenzene-d5
 Concen: 8.843 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.04 min
 Lab File: BF097892.D
 Acq: 19 Aug 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-207

Tot Ion: 82 Resp: 91232
 Ion Ratio Lower Upper
 82 100
 128 33.5 34.0 51.0#
 54 45.1 42.2 63.2

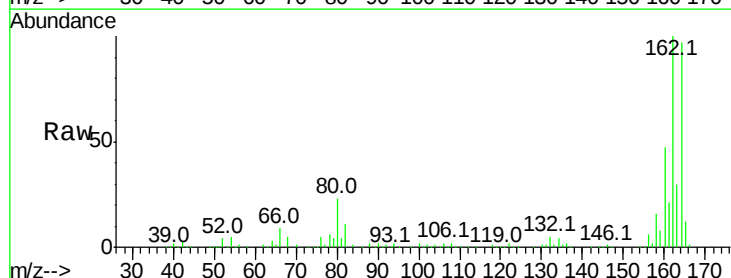


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

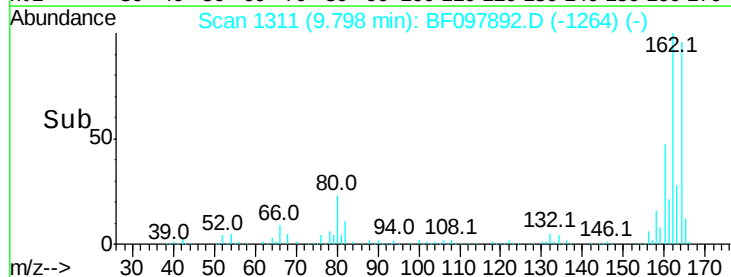
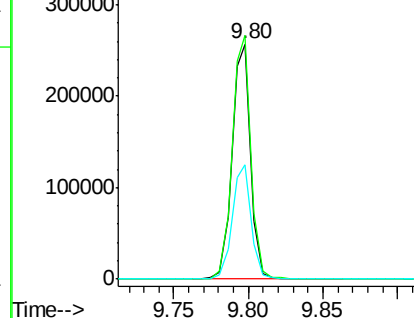


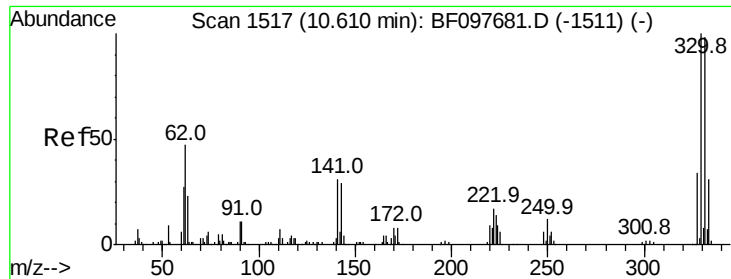
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF097892.D
 Acq: 19 Aug 2017 21:28

Tgt Ion:164 Resp: 226422
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 48.7 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

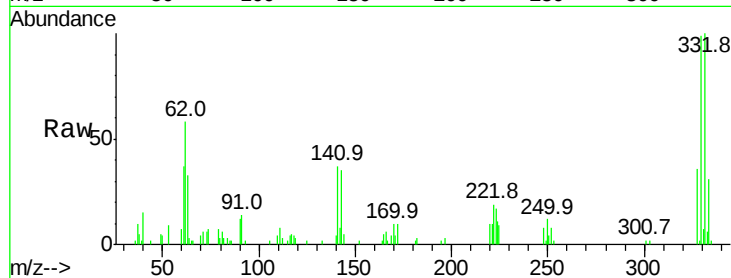




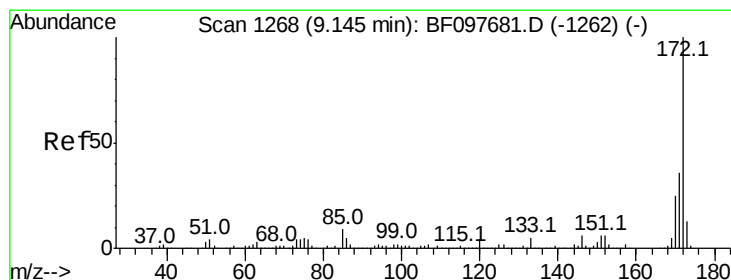
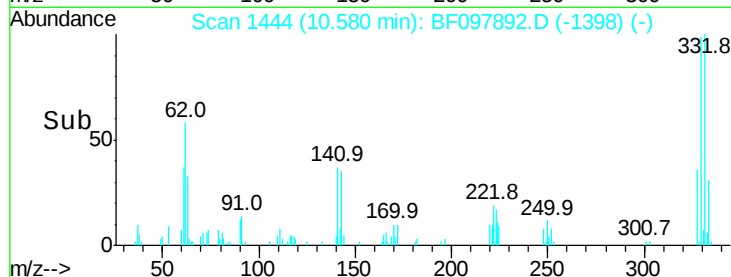
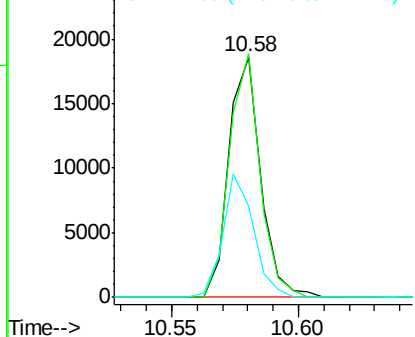
#41
 2,4,6-Tribromophenol
 Concen: 8.261 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.03 min
 Lab File: BF097892.D
 Acq: 19 Aug 2017 21:28

Instrument :
 BNA_F
 ClientSampled :
 VNJ-207

Tot Ion:330 Resp: 16230
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 49.3 31.4 47.2#

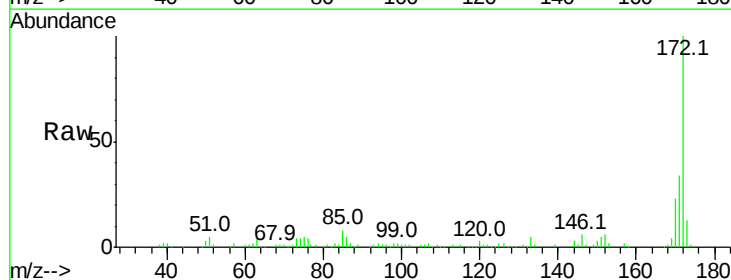


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

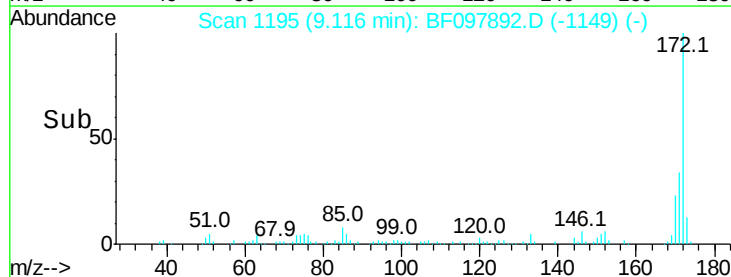
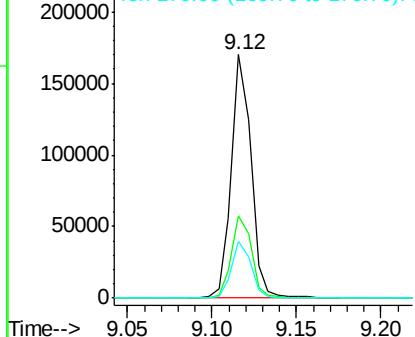


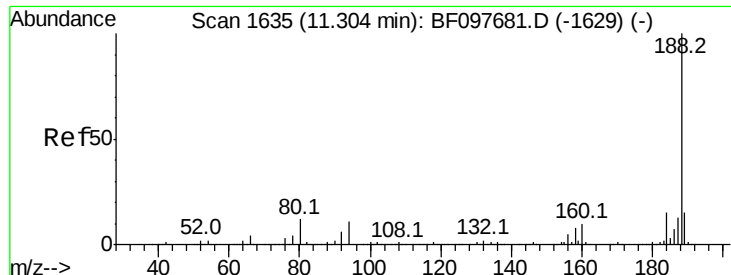
#44
 2-Fluorobiphenyl
 Concen: 8.975 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.03 min
 Lab File: BF097892.D
 Acq: 19 Aug 2017 21:28

Tgt Ion:172 Resp: 138321
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.6 44.4
 170 23.4 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: 11.27 min Scan# 1562

Delta R.T. -0.03 min

Lab File: BF097892.D

Acq: 19 Aug 2017 21:28

Instrument :

BNA_F

ClientSampleId :

VNJ-207

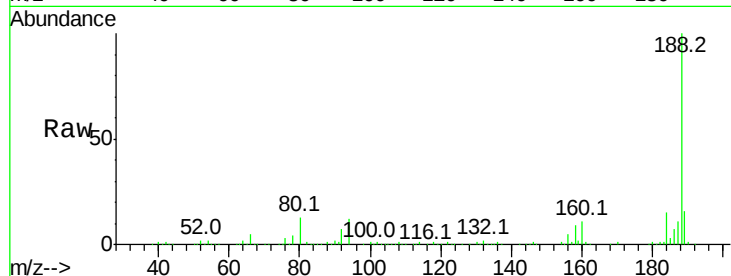
Tot Ion:188 Resp: 352729

Ion Ratio Lower Upper

188 100

94 12.2 9.4 14.2

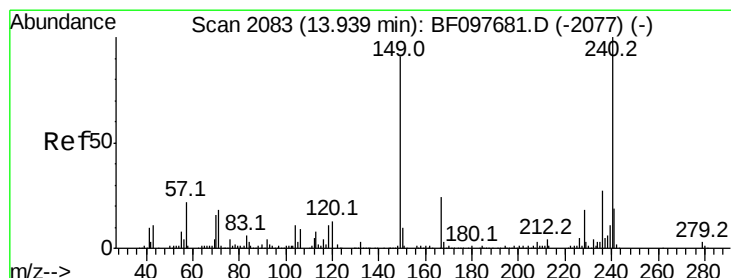
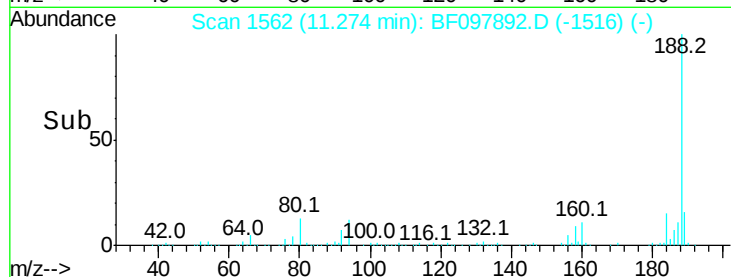
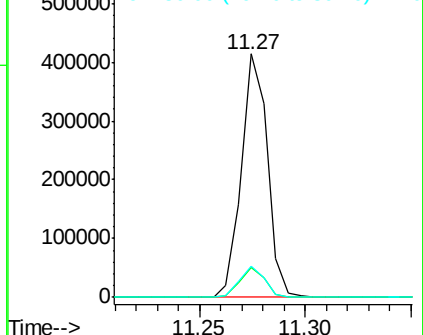
80 12.7 10.2 15.2



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: 13.91 min Scan# 2010

Delta R.T. -0.03 min

Lab File: BF097892.D

Acq: 19 Aug 2017 21:28

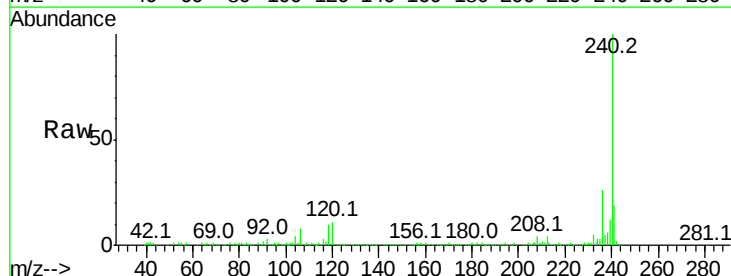
Tgt Ion:240 Resp: 266301

Ion Ratio Lower Upper

240 100

120 10.9 5.8 8.8#

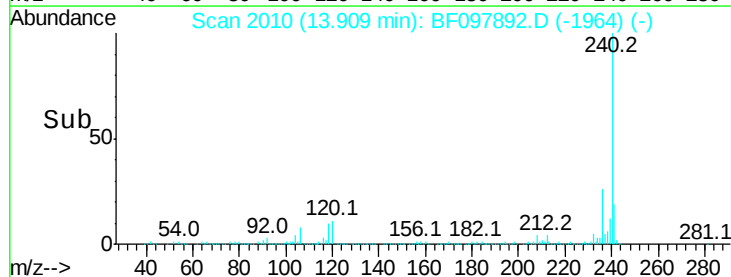
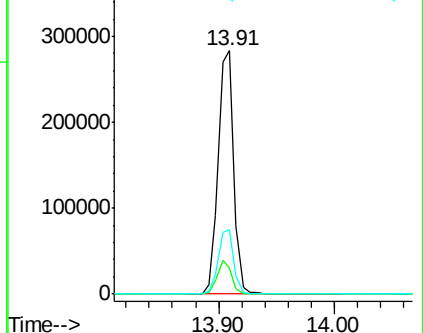
236 26.3 20.5 30.7

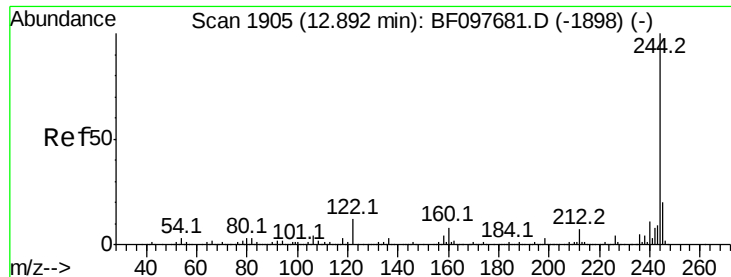


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 6.095 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.04 min

Lab File: BF097892.D

Acq: 19 Aug 2017 21:28

Instrument :

BNA_F

ClientSampled :

VNJ-207

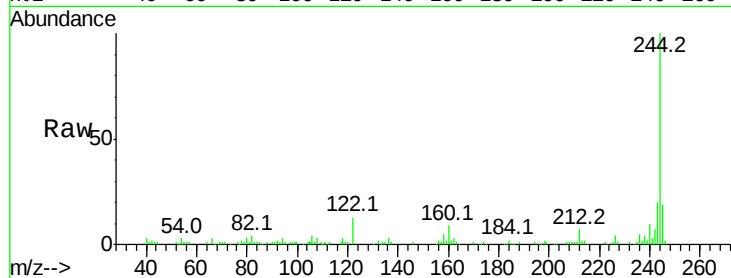
Tot Ion:244 Resp: 77828

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

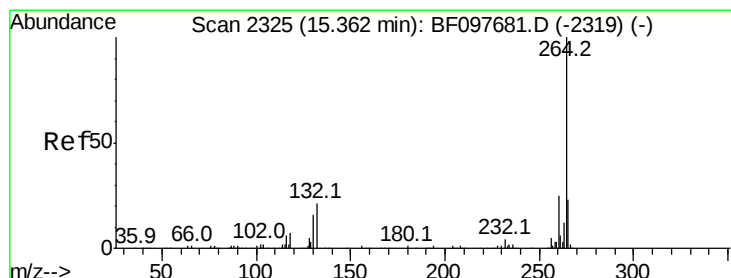
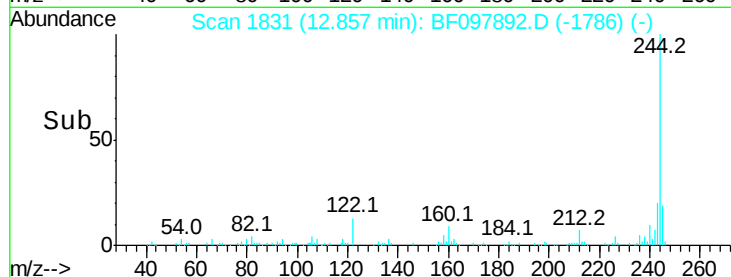
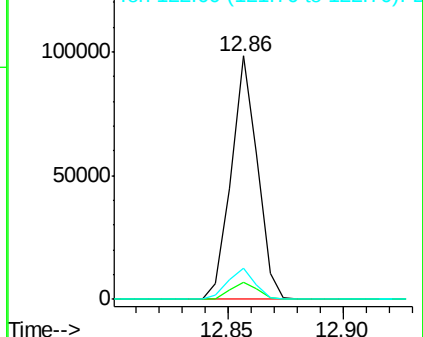
122 12.8 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.03 min

Lab File: BF097892.D

Acq: 19 Aug 2017 21:28

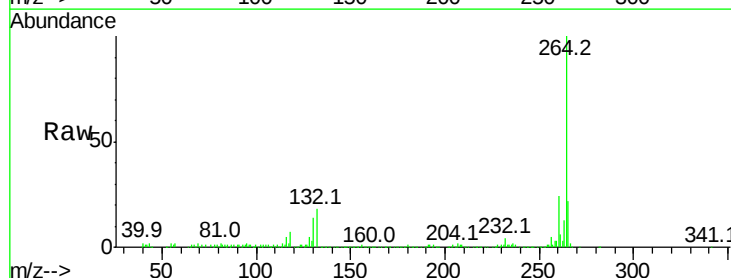
Tgt Ion:264 Resp: 213897

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.7 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

