

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097186.D
 Acq On : 29 Jul 2017 6:48
 Operator : SJ/JU
 Sample : I4473-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-202-286-280

Quant Time: Jul 29 07:21:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	113562	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	408330	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	143837	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	208508	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	198237	20.00	ng	-0.02
86) Perylene-d12	14.96	264	138030	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	839814	111.48	ng	0.00
7) Phenol-d6	6.15	99	1020101	118.62	ng	-0.02
23) Nitrobenzene-d5	7.06	82	623174	89.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	143544	126.31	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	893466	105.42	ng	-0.02
78) Terphenyl-d14	12.57	244	636633	65.48	ng	-0.01

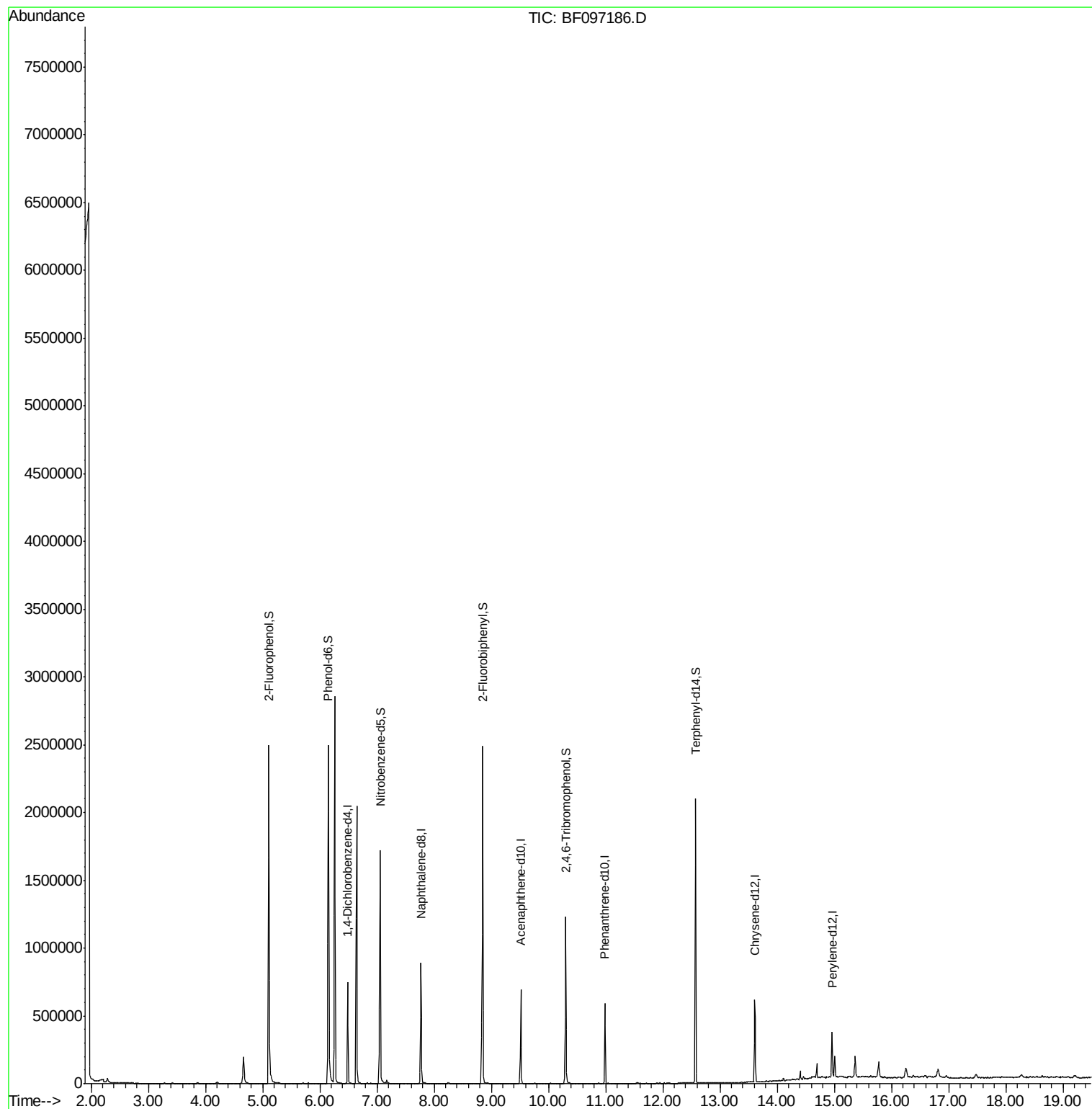
Target Compounds Qvalue

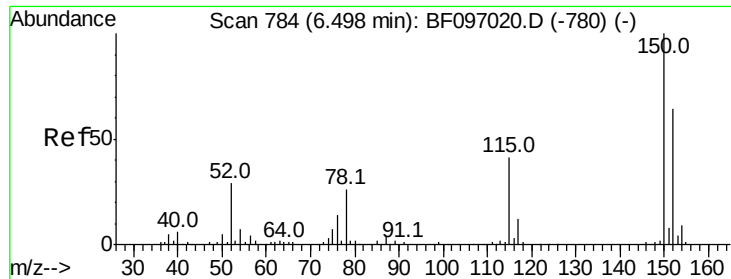
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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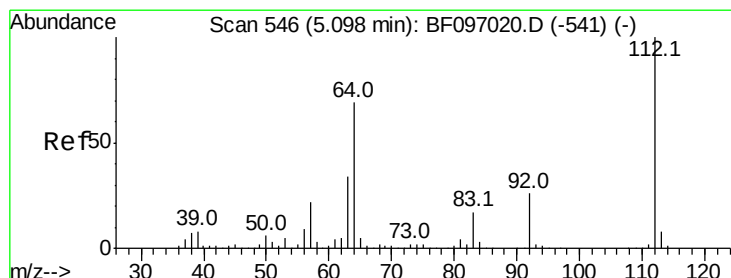
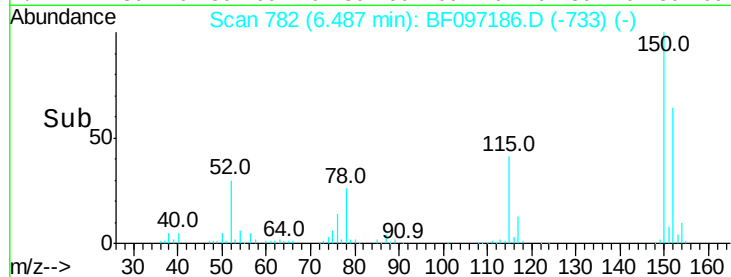
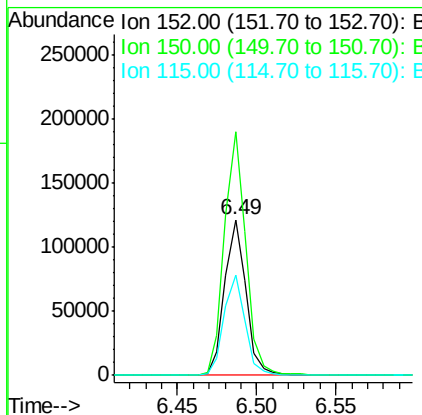
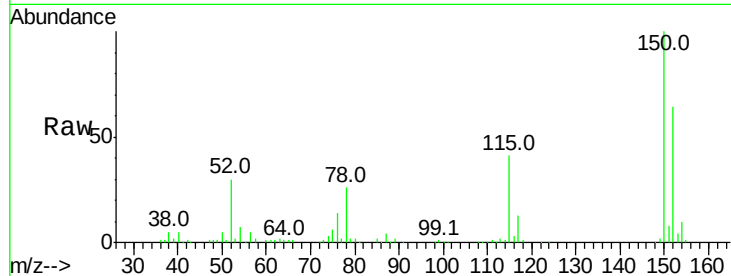


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097186.D
Acq: 29 Jul 2017 6:48

Instrument :
BNA_F
ClientSampleId :
VNJ-202-286-280

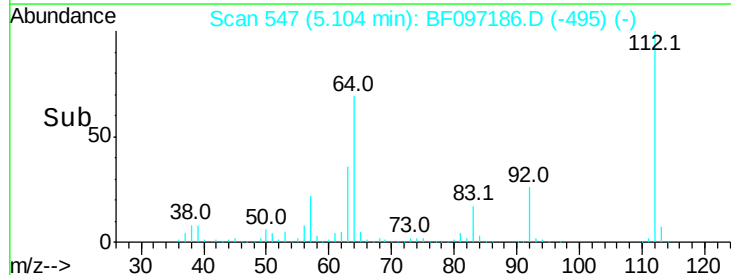
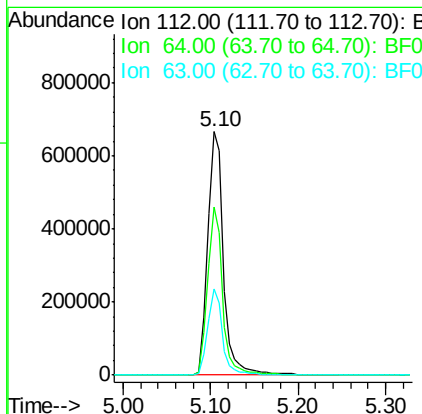
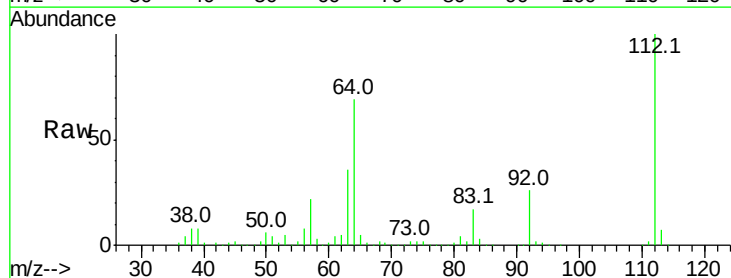
Tot Ion:152 Resp: 113562
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 64.3 52.2 78.2

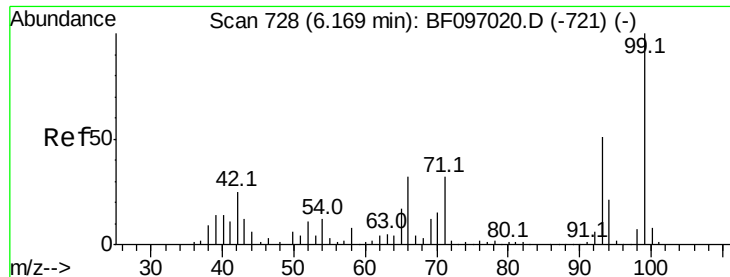


#5

2-Fluorophenol
Concen: 111.482 ng
RT: 5.10 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF097186.D
Acq: 29 Jul 2017 6:48

Tgt Ion:112 Resp: 839814
Ion Ratio Lower Upper
112 100
64 68.8 46.0 69.0
63 35.6 23.4 35.0#





#7

Phenol-d6

Concen: 118.616 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097186.D

Acq: 29 Jul 2017 6:48

Instrument :

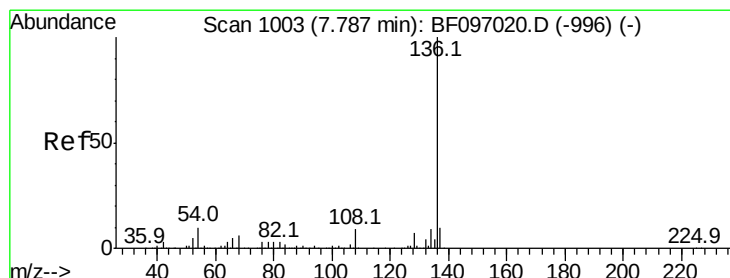
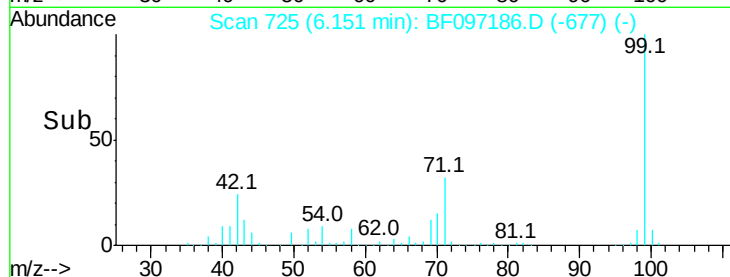
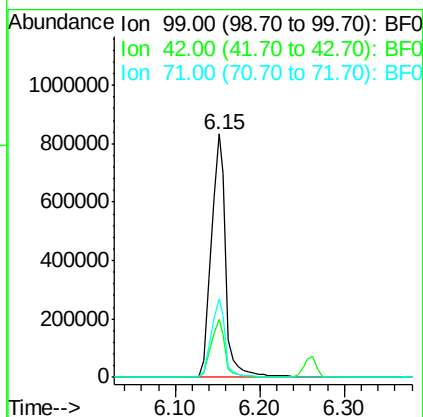
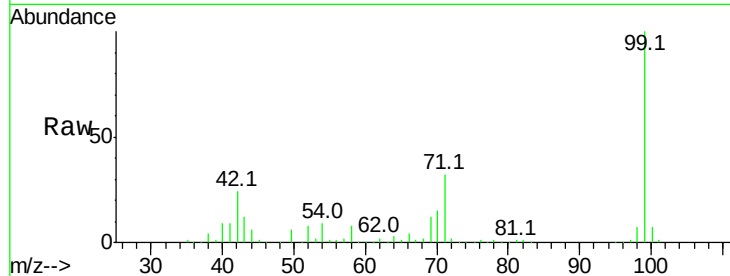
BNA_F

ClientSampleId :

VNJ-202-286-280

Tot Ion: 99 Resp: 1020101

Ion	Ratio	Lower	Upper
99	100		
42	24.1	13.5	20.3#
71	32.1	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

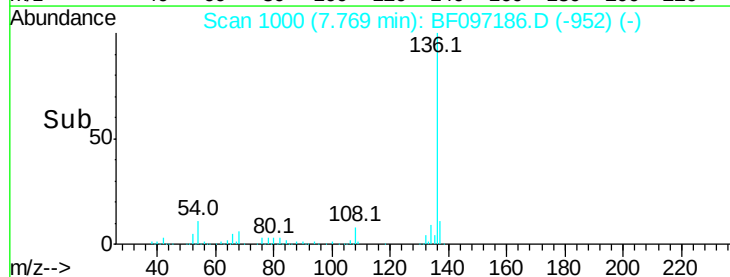
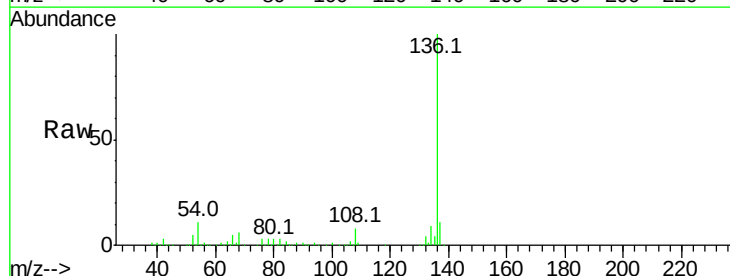
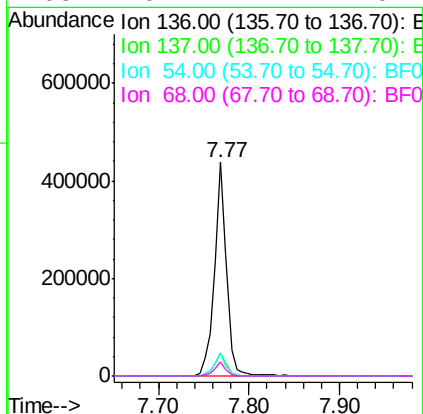
Delta R.T. -0.02 min

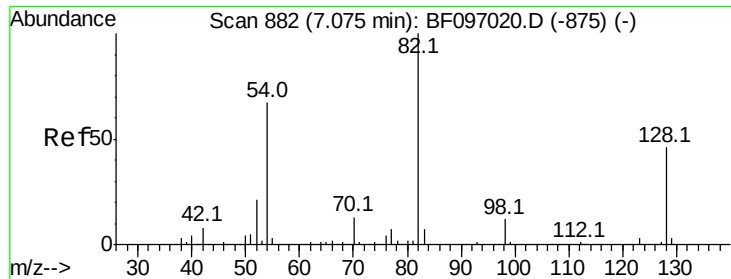
Lab File: BF097186.D

Acq: 29 Jul 2017 6:48

Tgt Ion: 136 Resp: 408330

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.8	4.9	7.3#
68	6.4	4.1	6.1#

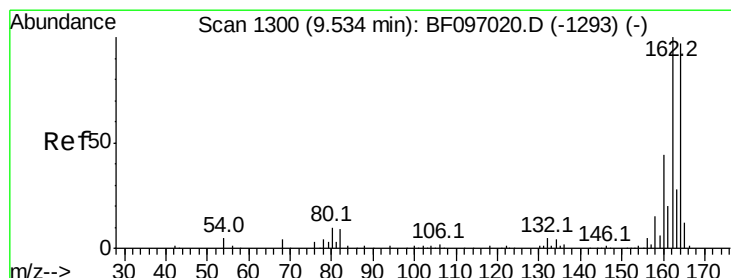
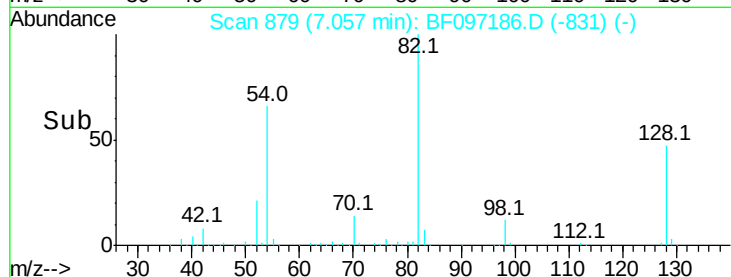
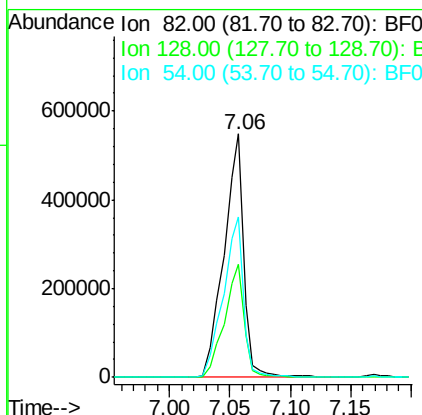
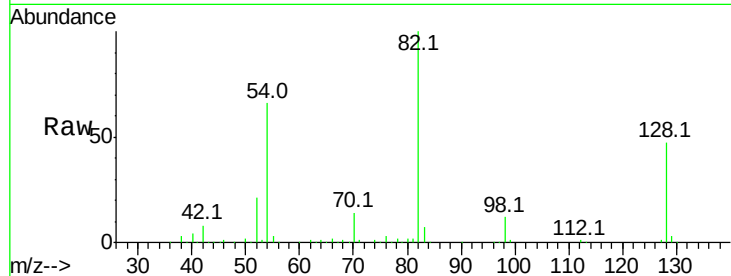




#23
 Nitrobenzene-d5
 Concen: 89.530 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF097186.D
 Acq: 29 Jul 2017 6:48

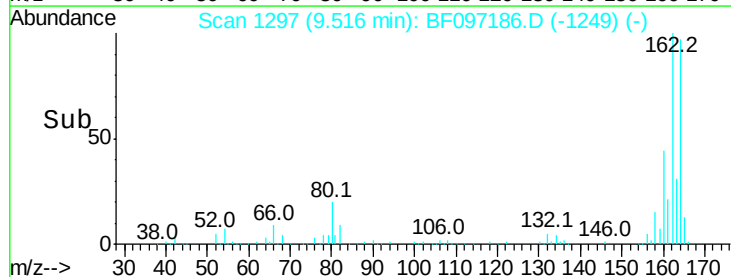
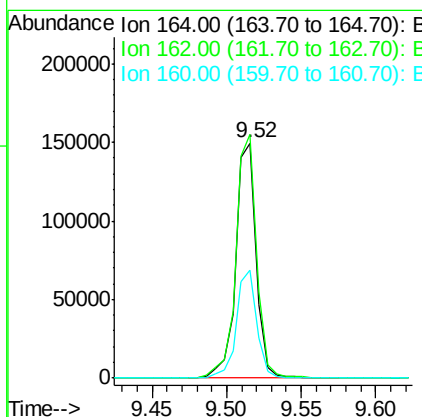
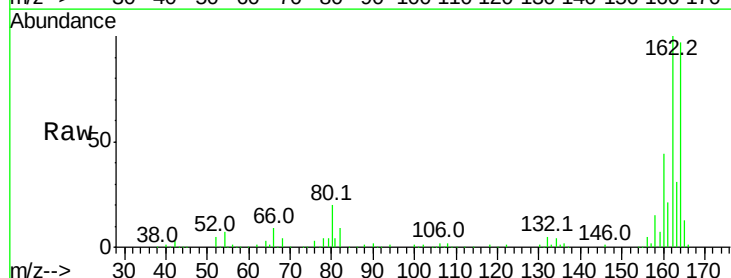
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-202-286-280

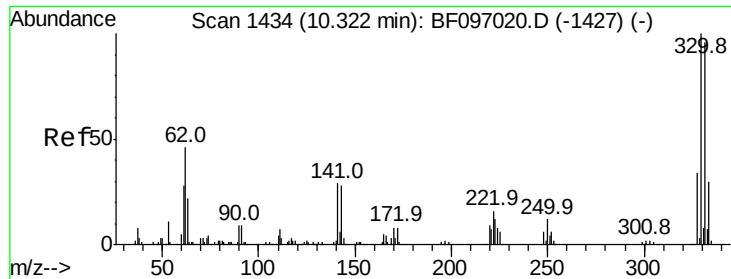
Tot Ion: 82 Resp: 623174
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.0 51.0
 54 66.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097186.D
 Acq: 29 Jul 2017 6:48

Tgt Ion:164 Resp: 143837
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.6 123.8
 160 45.7 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 126.309 ng

RT: 10.30 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF097186.D

Acq: 29 Jul 2017 6:48

Instrument :

BNA_F

ClientSampleId :

VNJ-202-286-280

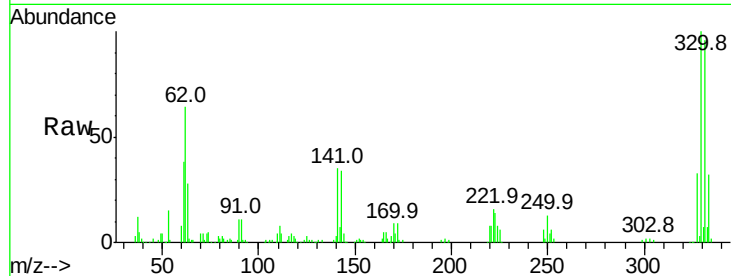
Tot Ion:330 Resp: 143544

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

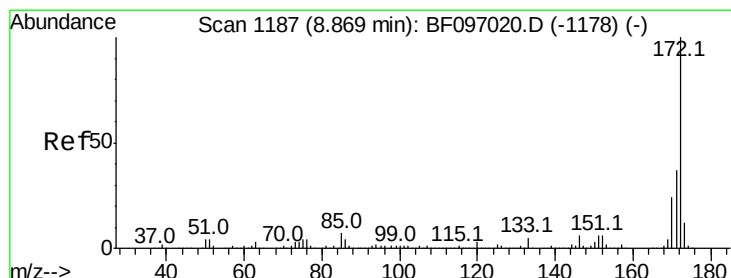
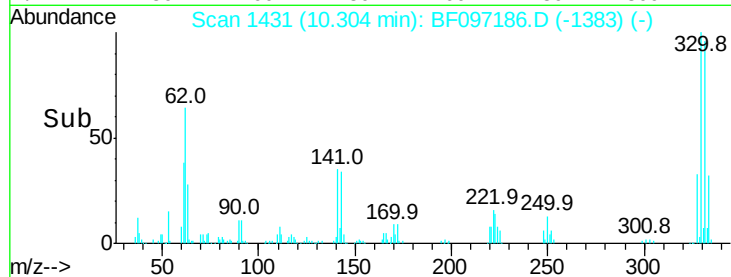
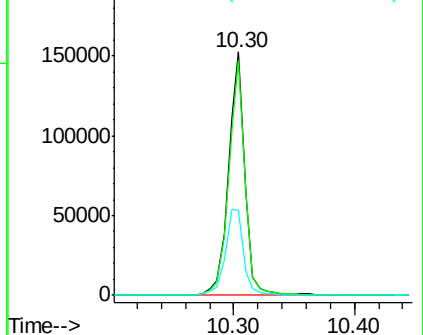
141 40.0 31.4 47.2



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: 105.418 ng

RT: 8.85 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF097186.D

Acq: 29 Jul 2017 6:48

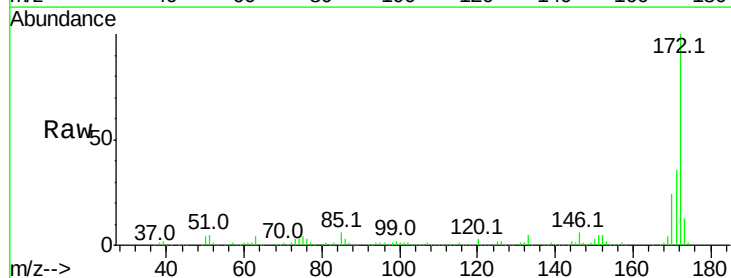
Tgt Ion:172 Resp: 893466

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

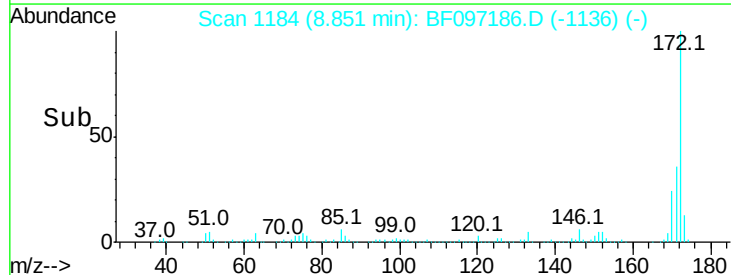
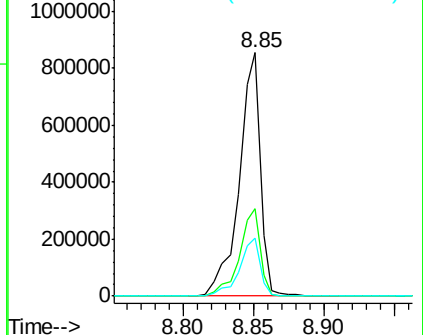
170 23.7 19.8 29.8

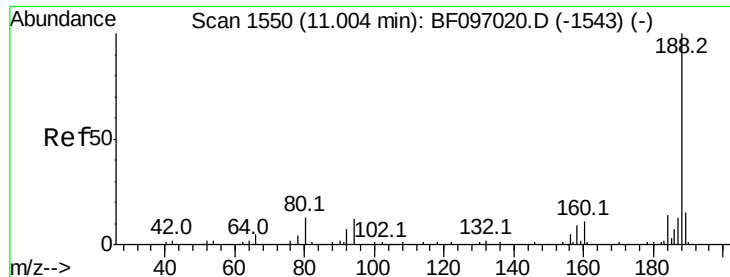


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

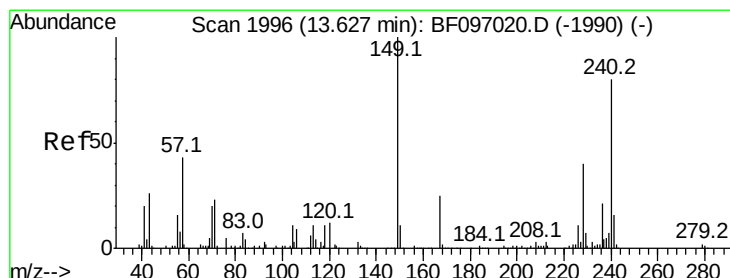
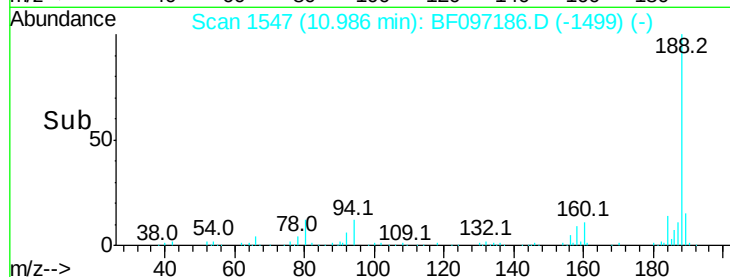
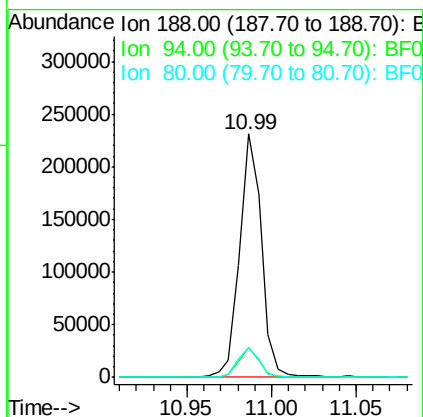
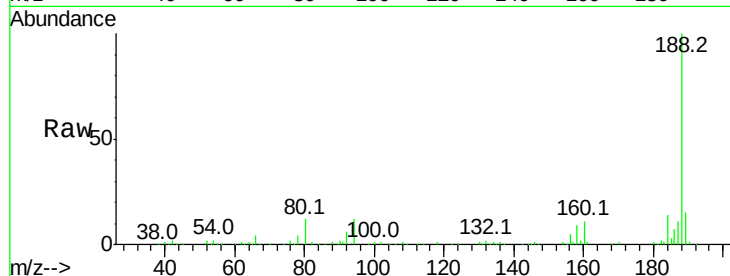




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097186.D
Acq: 29 Jul 2017 6:48

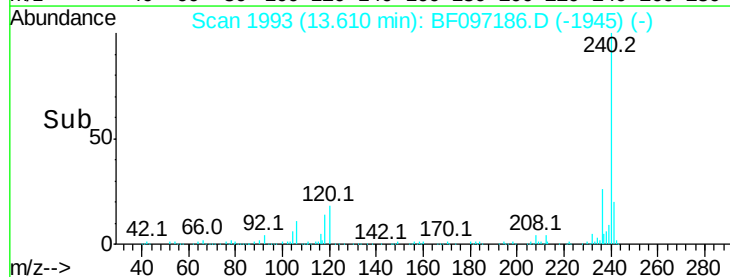
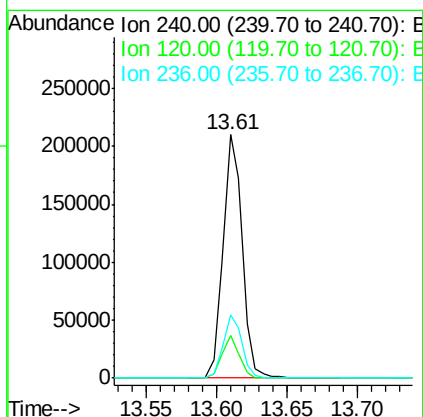
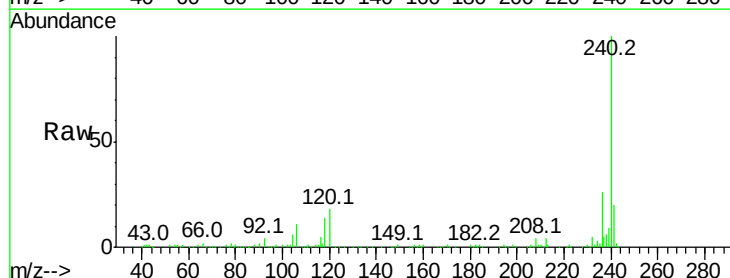
Instrument :
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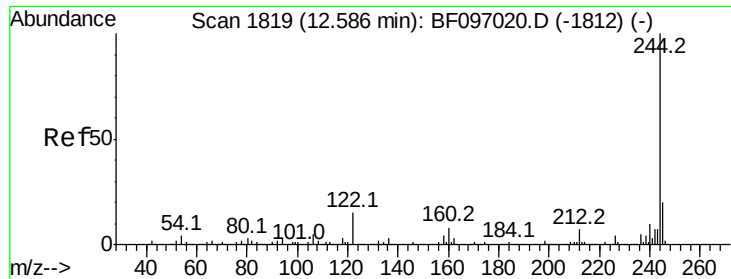
Tot Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	12.0	10.2	15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097186.D
Acq: 29 Jul 2017 6:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.6	5.8	8.8#
236	26.2	20.5	30.7





#78

Terphenyl-d14

Concen: 65.477 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097186.D

Acq: 29 Jul 2017 6:48

Instrument :

BNA_F

ClientSampleId :

VNJ-202-286-280

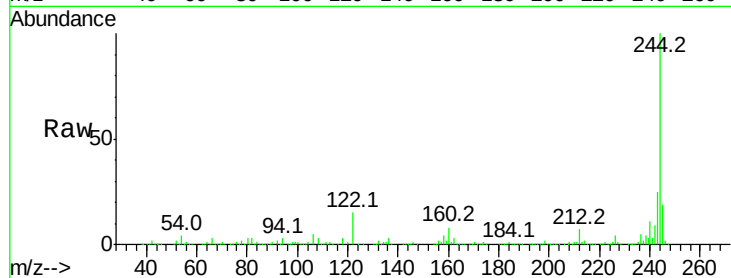
Tot Ion:244 Resp: 636633

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

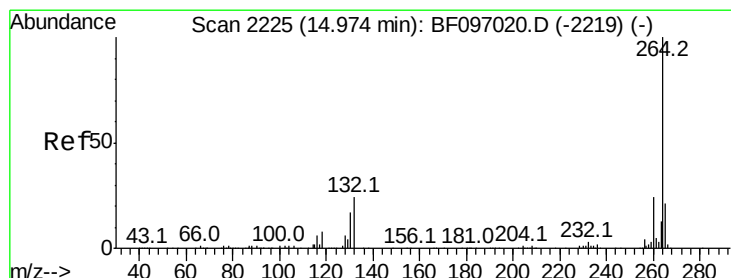
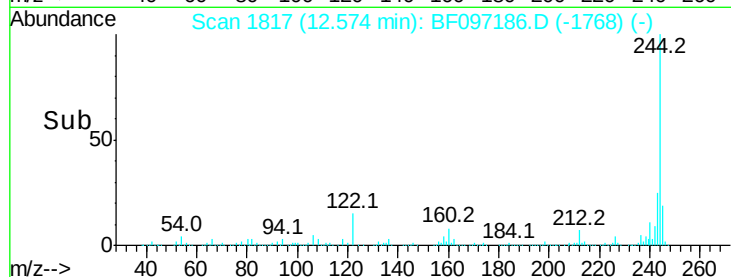
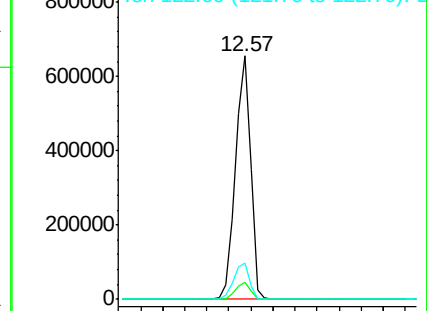
122 14.8 10.3 15.5



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: 14.96 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097186.D

Acq: 29 Jul 2017 6:48

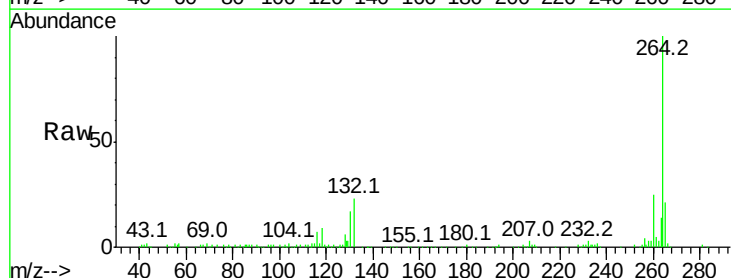
Tgt Ion:264 Resp: 138030

Ion Ratio Lower Upper

264 100

260 25.1 19.5 29.3

265 20.9 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

