

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097520.D
 Acq On : 9 Aug 2017 17:23
 Operator : SJ/JU
 Sample : I4642-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-080417

Quant Time: Aug 09 18:00:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	103727	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	420667	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	208096	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	368935	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	290598	20.00	ng	-0.02
86) Perylene-d12	14.86	264	195130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.01	112	957479	139.15	ng	0.00
7) Phenol-d6	6.07	99	1051105	133.81	ng	-0.01
23) Nitrobenzene-d5	6.97	82	675613	94.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	225297	137.03	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1110166	90.54	ng	-0.01
78) Terphenyl-d14	12.49	244	944120	66.24	ng	-0.01

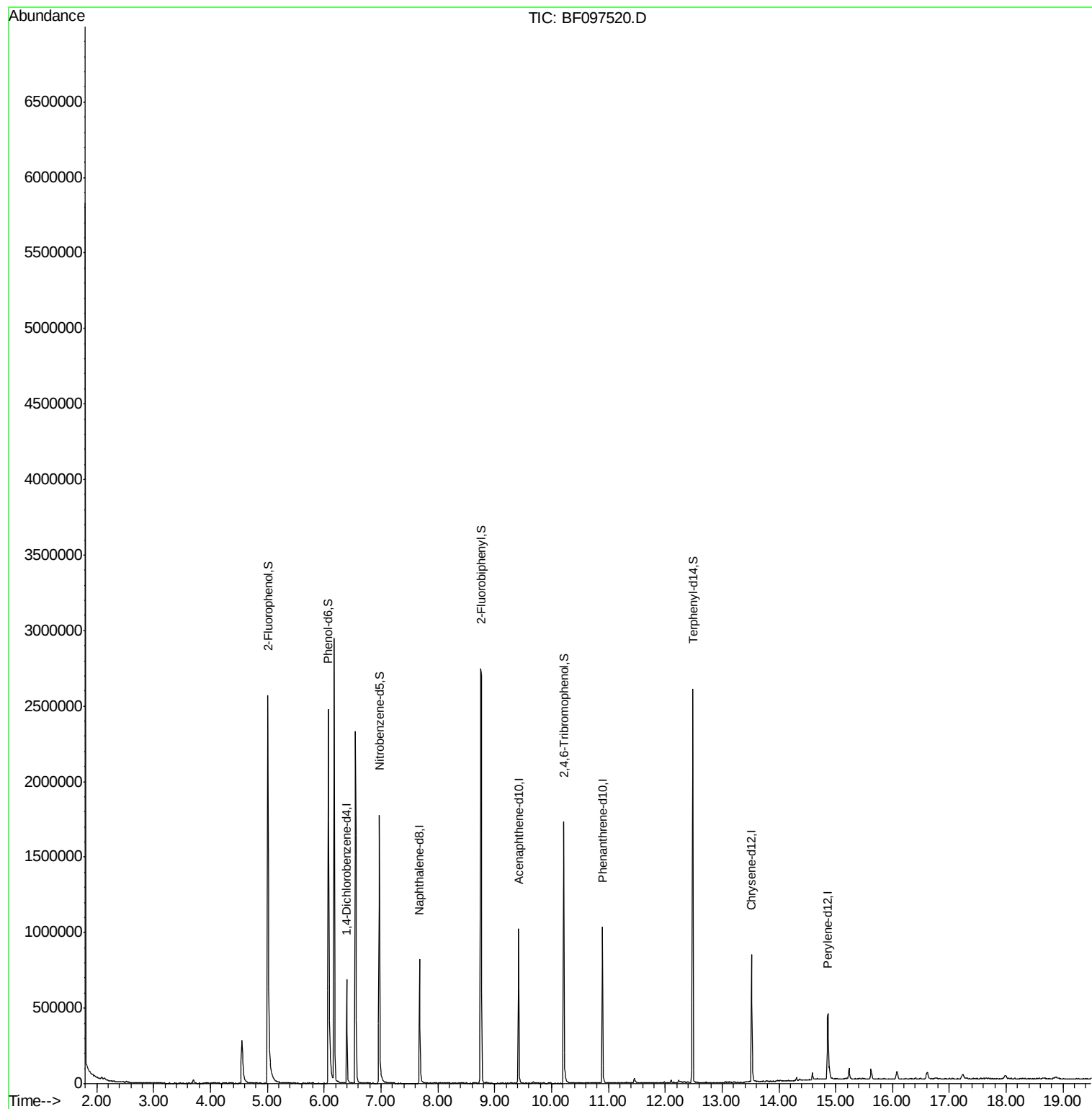
Target Compounds Qvalue

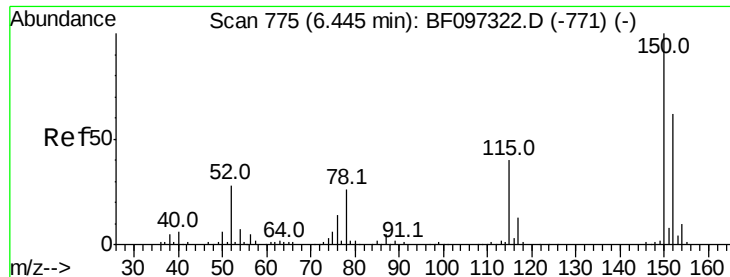
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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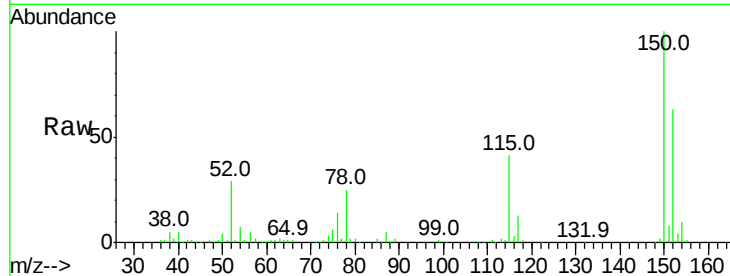


#1

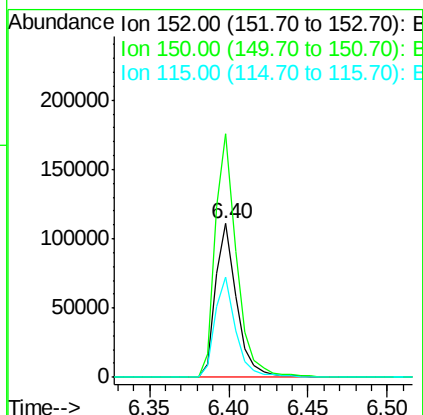
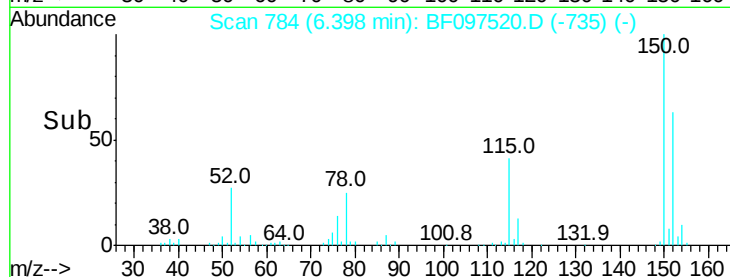
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.40 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF097520.D
 Acq: 9 Aug 2017 17:23

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-080417

Tot Ion:152 Resp: 103727
 Ion Ratio Lower Upper
 152 100
 150 158.7 126.2 189.2
 115 65.0 52.2 78.2



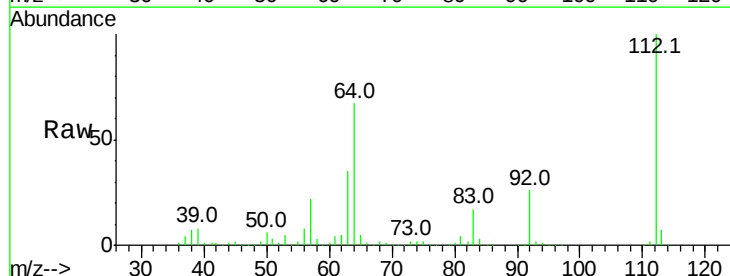
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



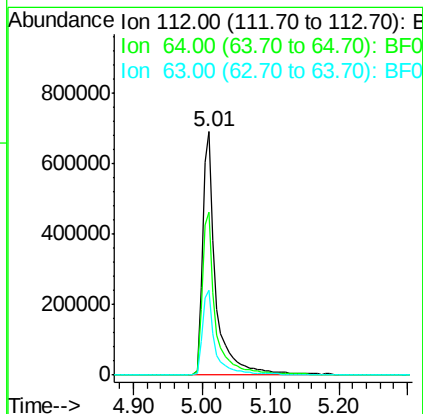
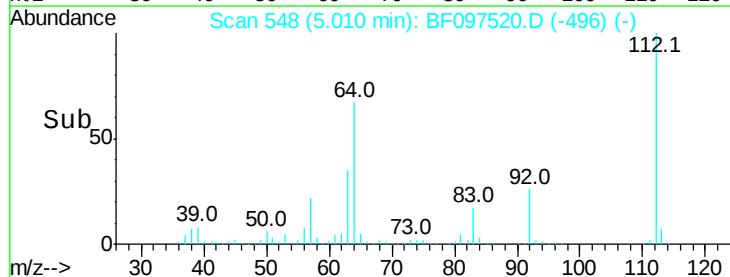
#5

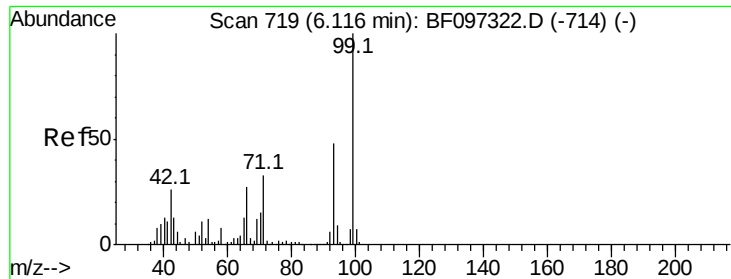
2-Fluorophenol
 Concen: 139.153 ng
 RT: 5.01 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF097520.D
 Acq: 9 Aug 2017 17:23

Tgt Ion:112 Resp: 957479
 Ion Ratio Lower Upper
 112 100
 64 67.0 46.0 69.0
 63 35.0 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: 133.810 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097520.D

Acq: 9 Aug 2017 17:23

Instrument :

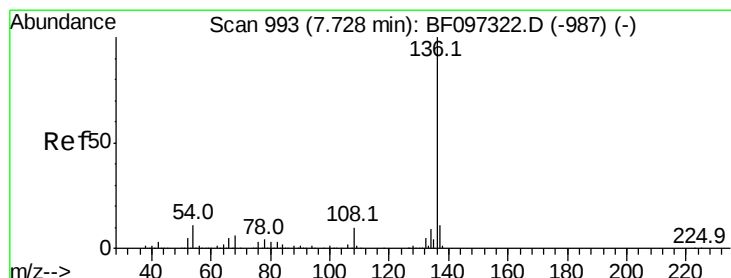
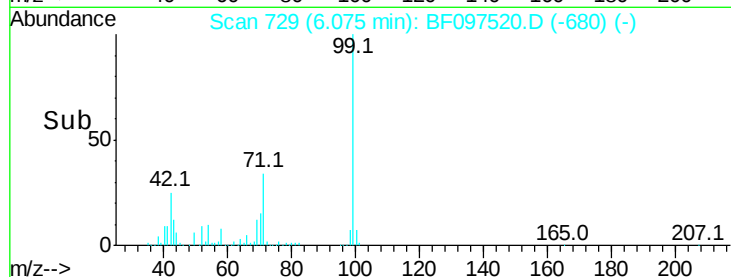
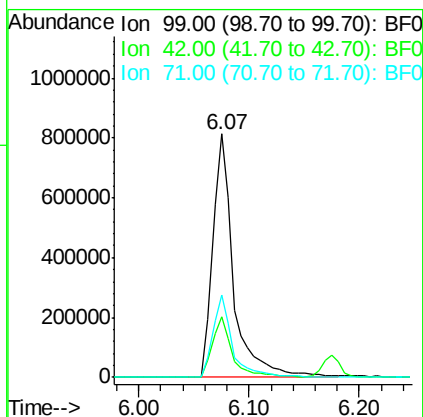
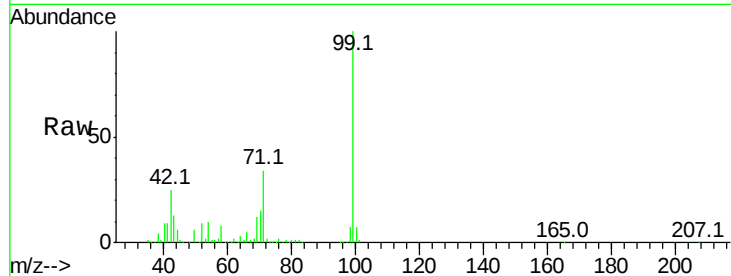
BNA_F

ClientSampleId :

BU-03-080417

Tot Ion: 99 Resp: 1051105

Ion	Ratio	Lower	Upper
99	100		
42	24.7	13.5	20.3#
71	33.9	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.68 min Scan# 1002

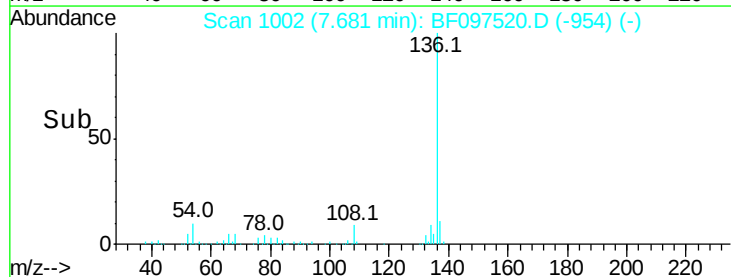
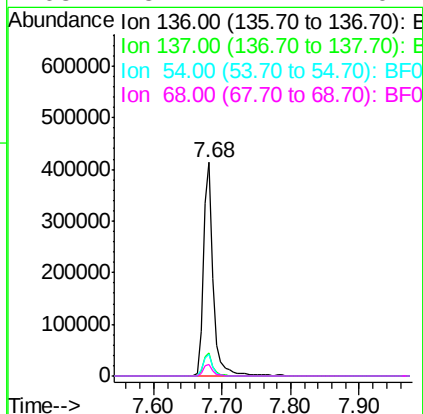
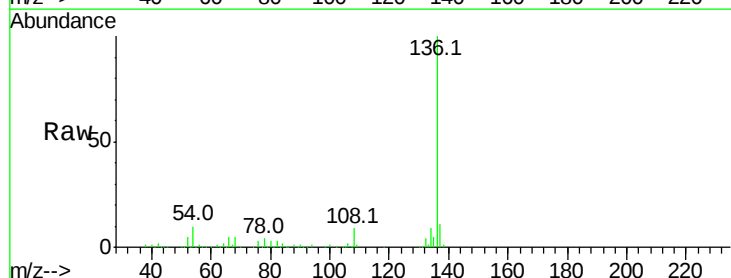
Delta R.T. -0.02 min

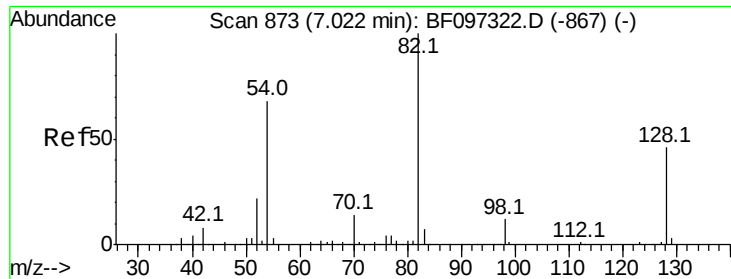
Lab File: BF097520.D

Acq: 9 Aug 2017 17:23

Tgt Ion: 136 Resp: 420667

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.0	4.9	7.3#
68	5.1	4.1	6.1

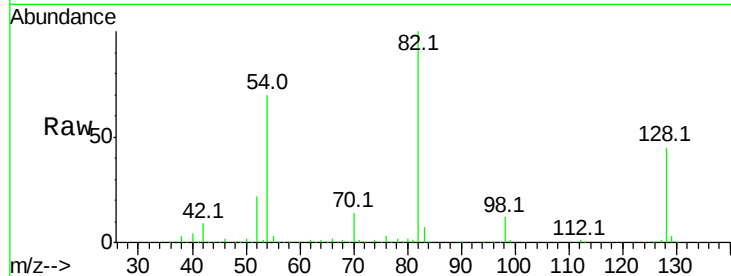




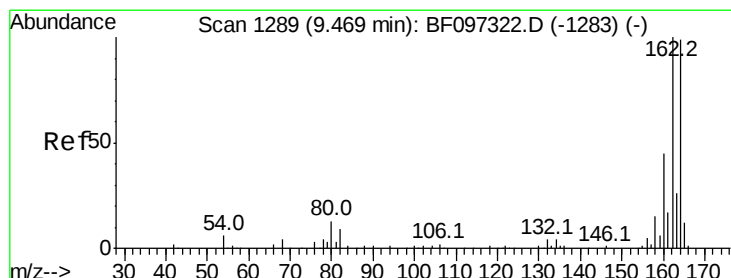
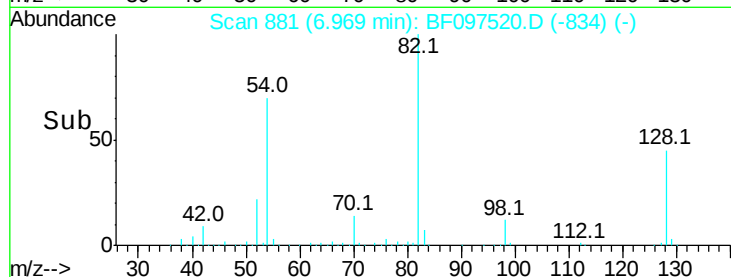
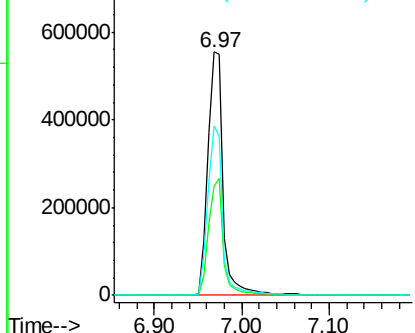
#23
 Nitrobenzene-d5
 Concen: 94.217 ng
 RT: 6.97 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF097520.D
 Acq: 9 Aug 2017 17:23

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-080417

Tot Ion: 82 Resp: 675613
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.0 51.0
 54 69.6 42.2 63.2#

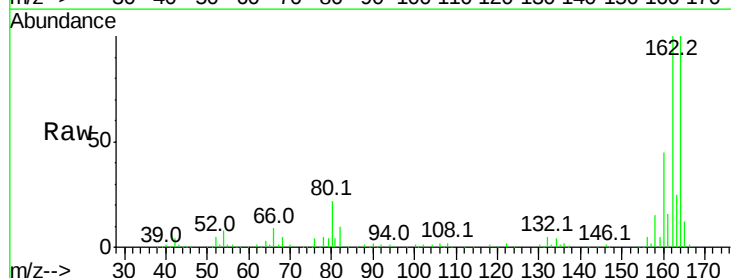


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

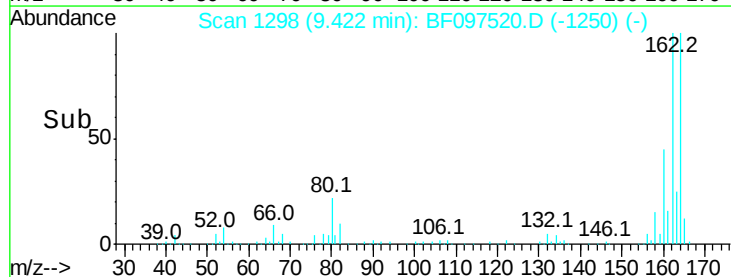
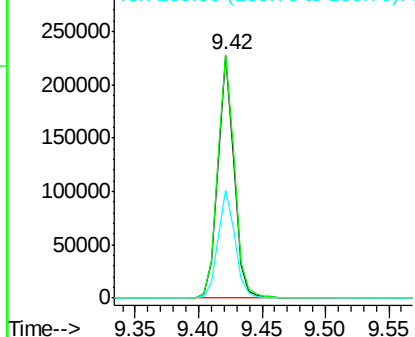


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF097520.D
 Acq: 9 Aug 2017 17:23

Tgt Ion: 164 Resp: 208096
 Ion Ratio Lower Upper
 164 100
 162 100.3 82.6 123.8
 160 44.7 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

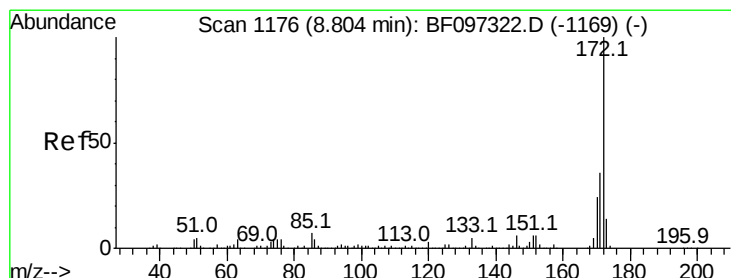
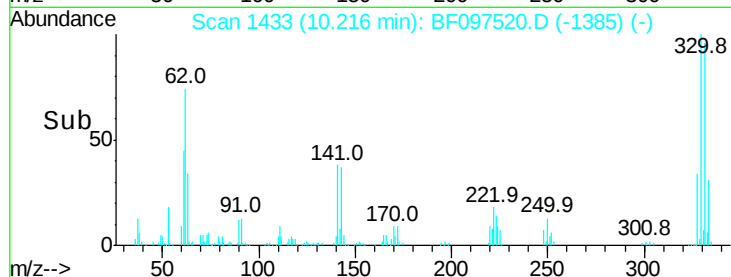
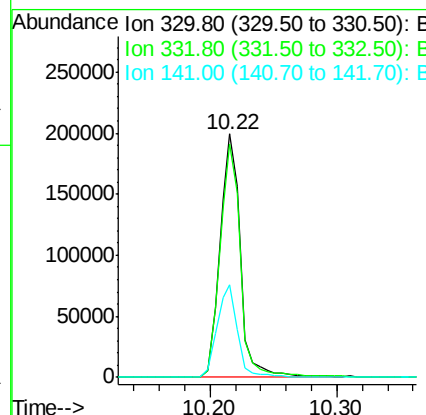
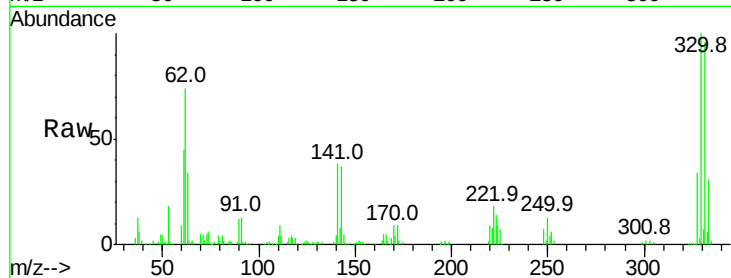




#41
 2,4,6-Tribromophenol
 Concen: 137.029 ng
 RT: 10.22 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF097520.D
 Acq: 9 Aug 2017 17:23

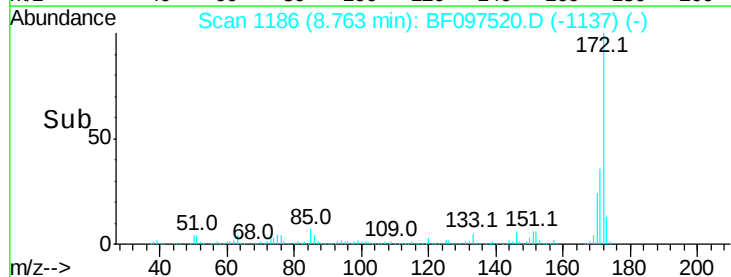
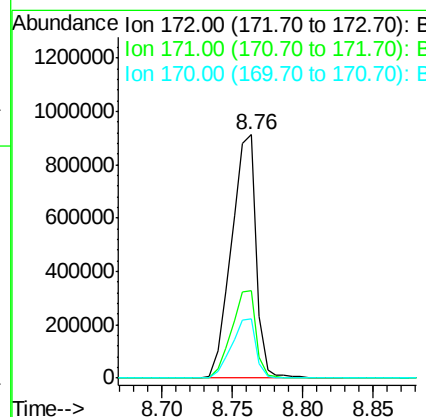
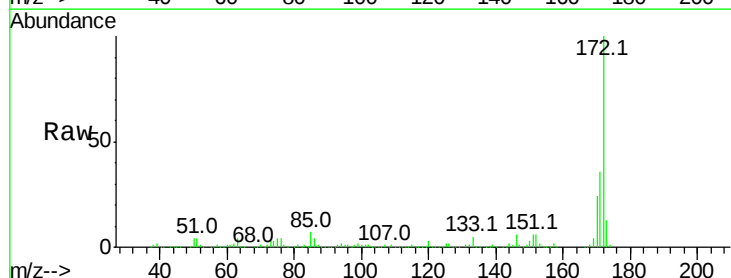
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-080417

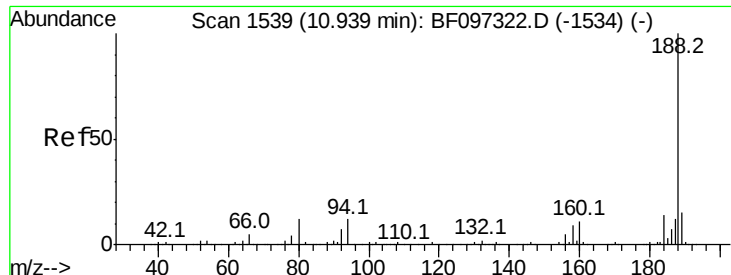
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	38.5	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 90.538 ng
 RT: 8.76 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097520.D
 Acq: 9 Aug 2017 17:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.3	19.8	29.8

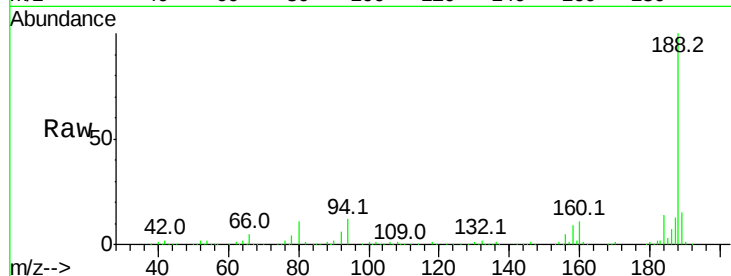




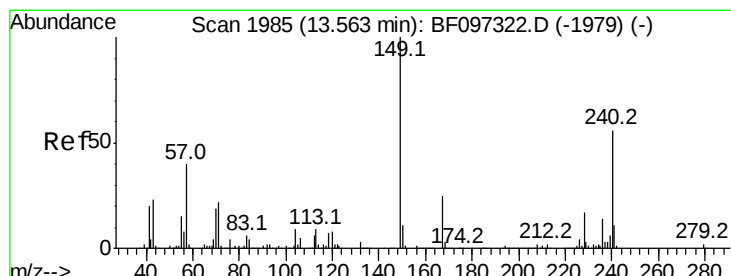
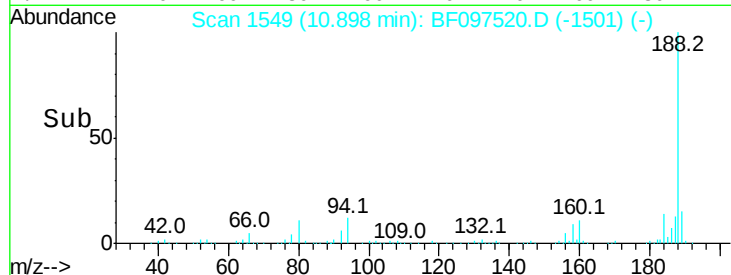
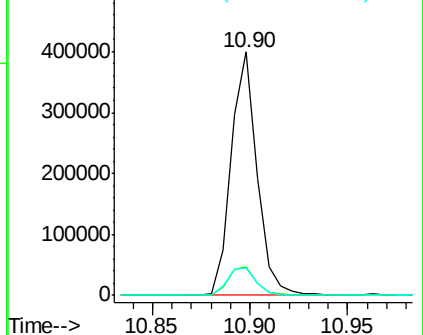
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF097520.D
Acq: 9 Aug 2017 17:23

Instrument :
BNA_F
ClientSampleId :
BU-03-080417

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.2
80	11.3	10.2	15.2

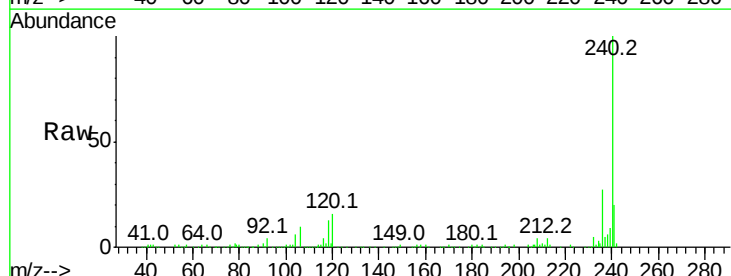


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

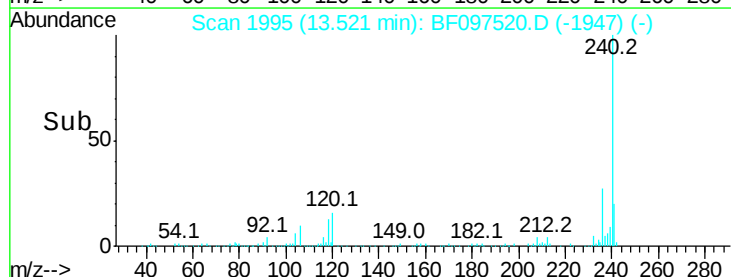
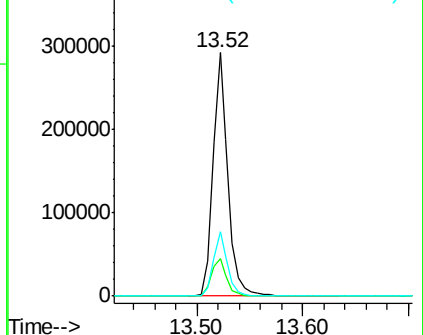


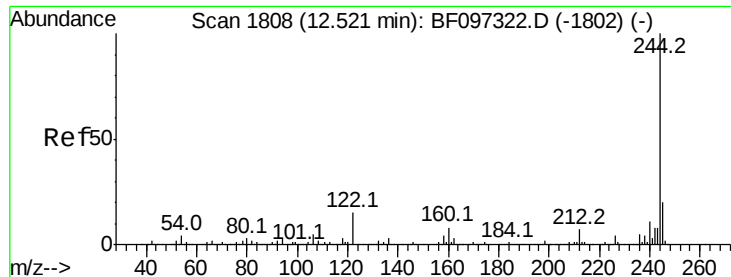
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF097520.D
Acq: 9 Aug 2017 17:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.7	5.8	8.8#
236	26.6	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: 66.240 ng

RT: 12.49 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF097520.D

Acq: 9 Aug 2017 17:23

Instrument :

BNA_F

ClientSampleId :

BU-03-080417

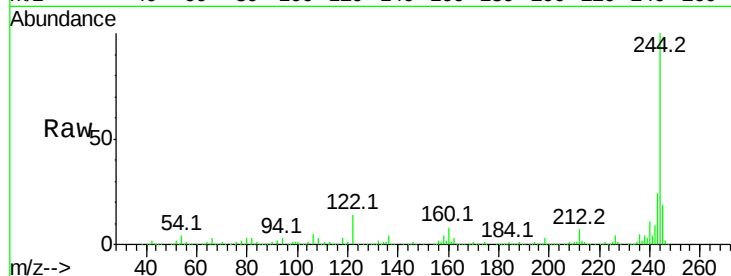
Tot Ion:244 Resp: 944120

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

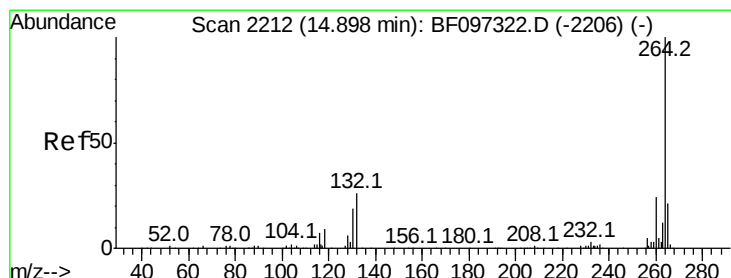
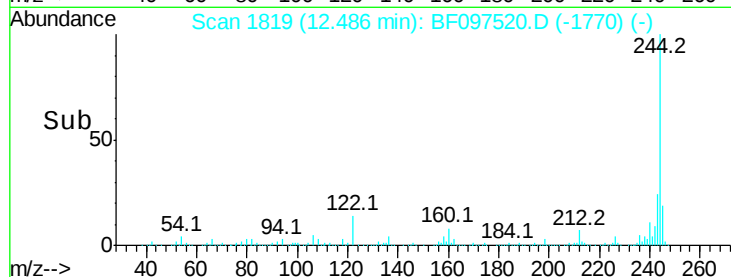
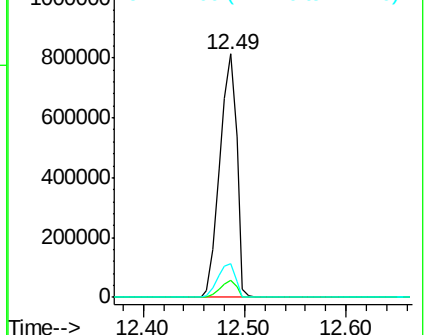
122 14.1 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 14.86 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097520.D

Acq: 9 Aug 2017 17:23

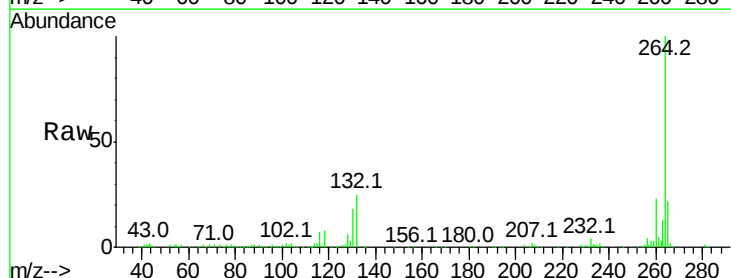
Tgt Ion:264 Resp: 195130

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.5 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

