

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097471.D
 Acq On : 8 Aug 2017 16:03
 Operator : SJ/JU
 Sample : I4610-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-D

Quant Time: Aug 08 18:01:19 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	97772	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	426022	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	176675	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	303694	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	252641	20.00	ng	-0.01
86) Perylene-d12	14.87	264	169630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	844436	130.20	ng	0.01
7) Phenol-d6	6.08	99	909287	122.81	ng	0.00
23) Nitrobenzene-d5	6.97	82	629509	86.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	201765	144.54	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	968410	93.02	ng	0.00
78) Terphenyl-d14	12.49	244	833809	67.29	ng	0.00

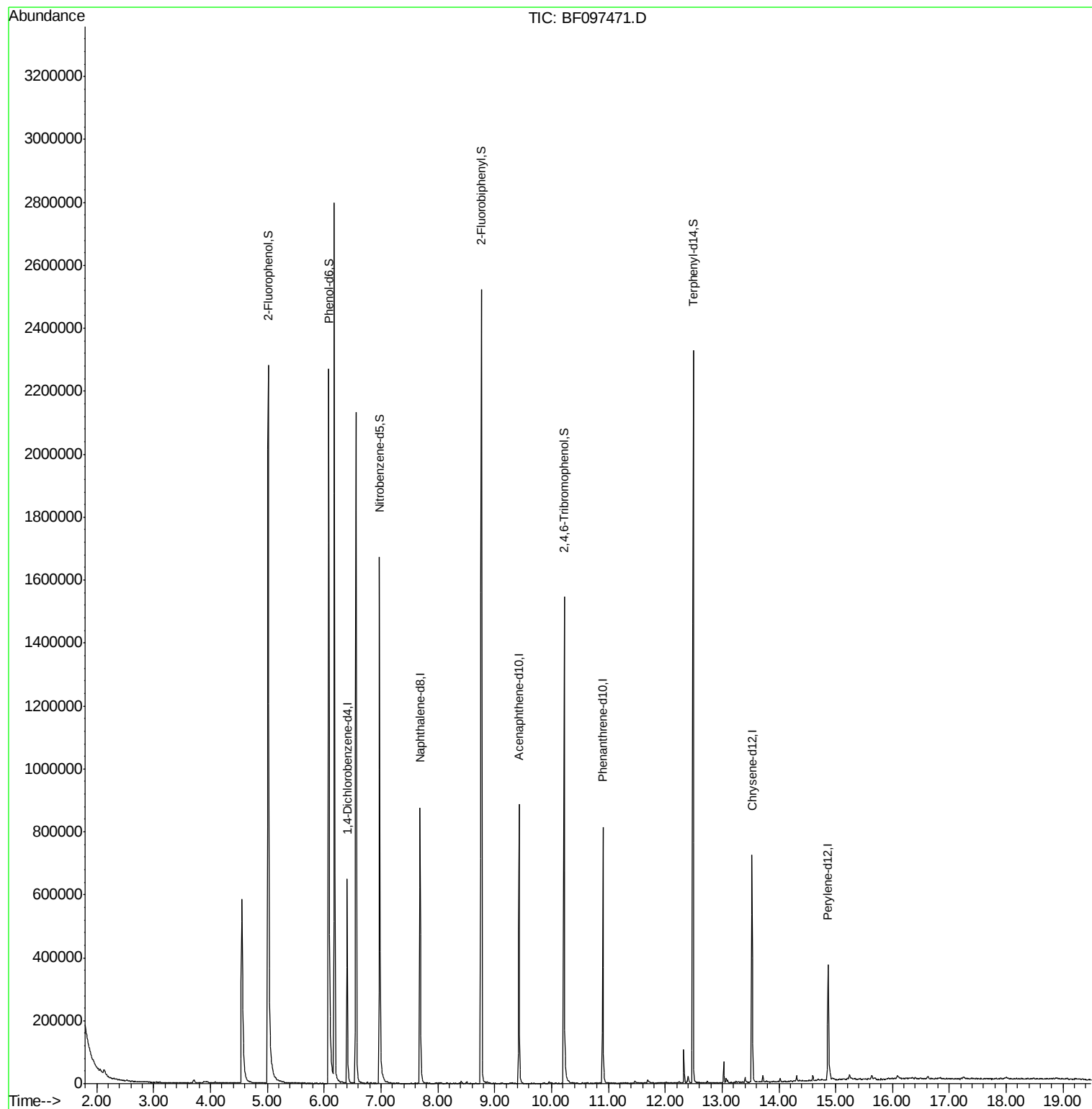
Target Compounds Qvalue

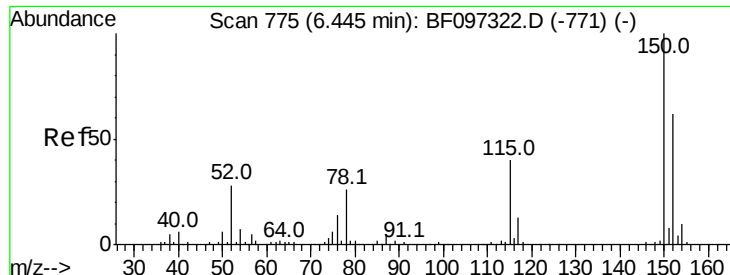
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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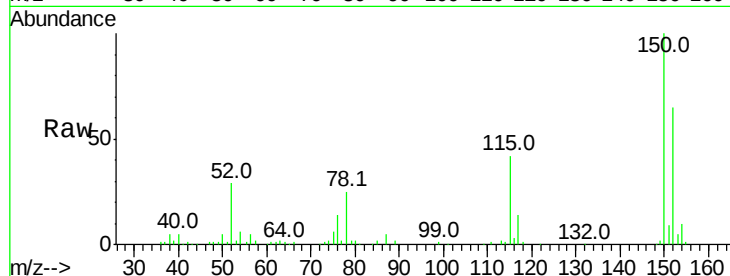


#1

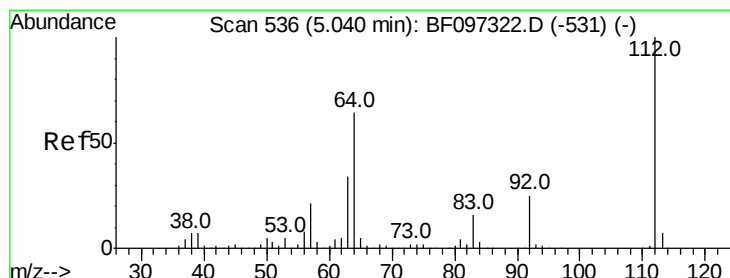
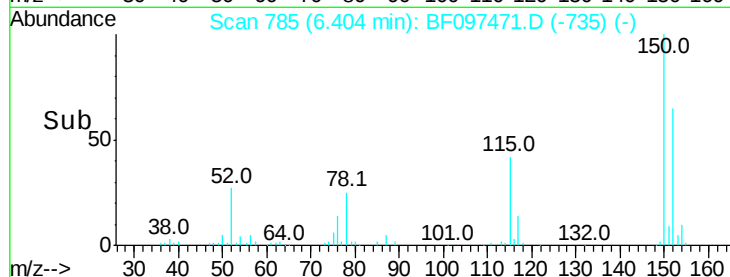
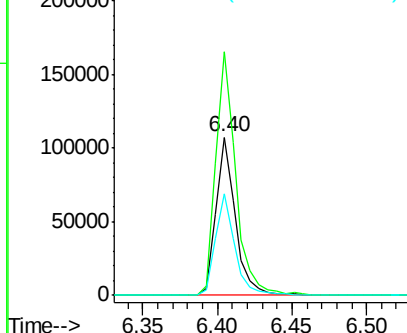
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097471.D
Acq: 8 Aug 2017 16:03

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-D

Tot Ion:152 Resp: 97772
Ion Ratio Lower Upper
152 100
150 153.8 126.2 189.2
115 63.8 52.2 78.2



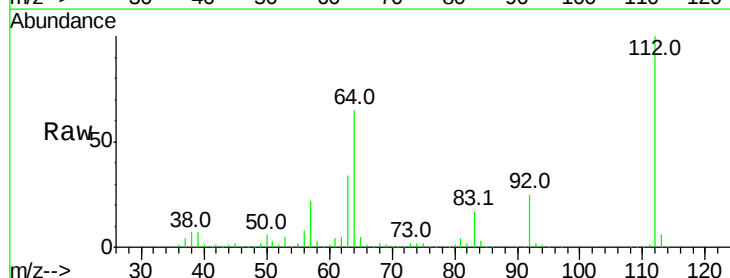
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



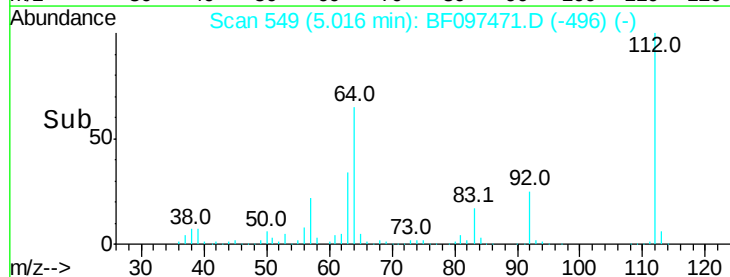
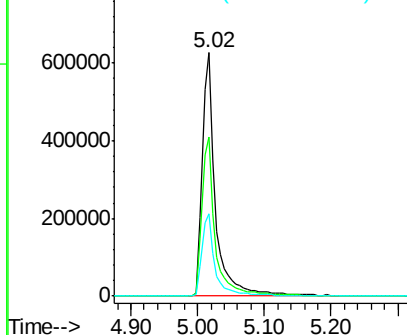
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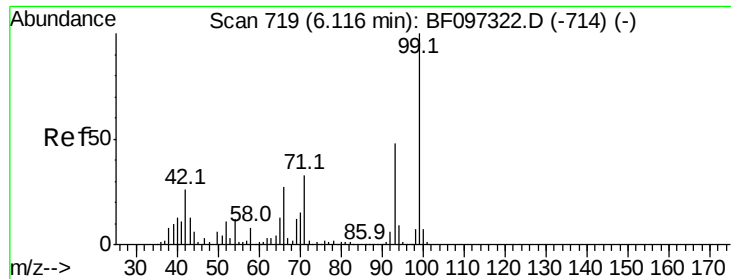
2-Fluorophenol
Concen: 130.199 ng
RT: 5.02 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF097471.D
Acq: 8 Aug 2017 16:03

Tgt Ion:112 Resp: 844436
Ion Ratio Lower Upper
112 100
64 65.3 46.0 69.0
63 33.8 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: 122.806 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097471.D

Acq: 8 Aug 2017 16:03

Instrument :

BNA_F

ClientSampleId :

PL-02-080317-D

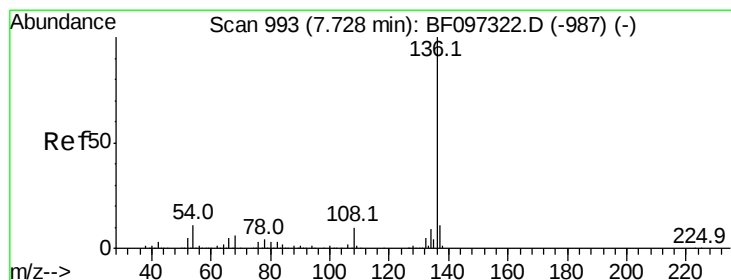
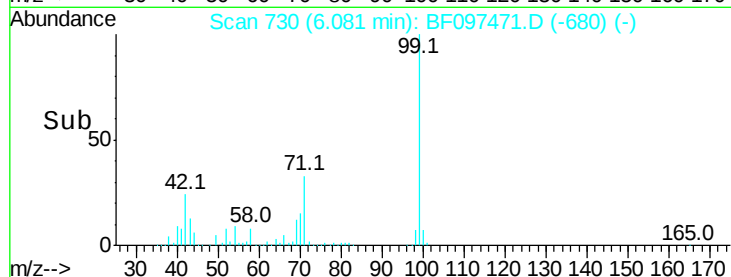
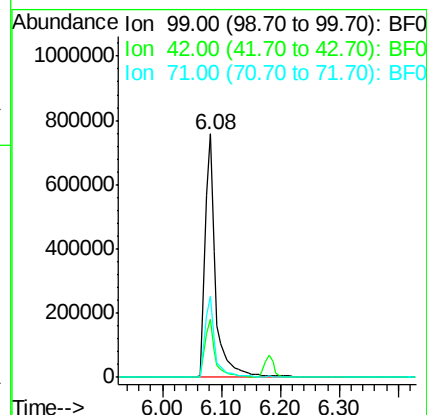
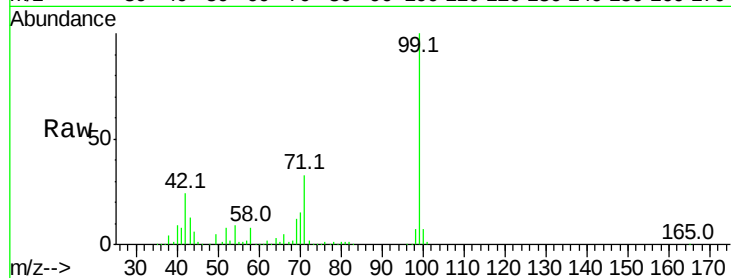
Tot Ion: 99 Resp: 909287

Ion Ratio Lower Upper

99 100

42 23.9 13.5 20.3#

71 33.2 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF097471.D

Acq: 8 Aug 2017 16:03

Tgt Ion: 136 Resp: 426022

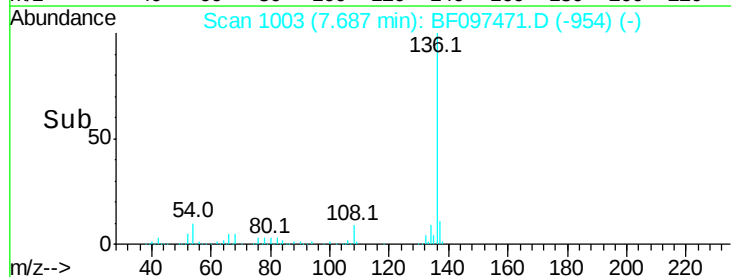
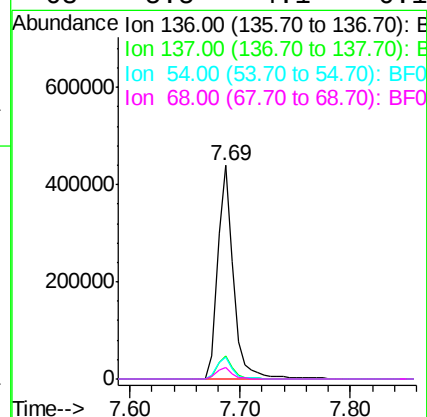
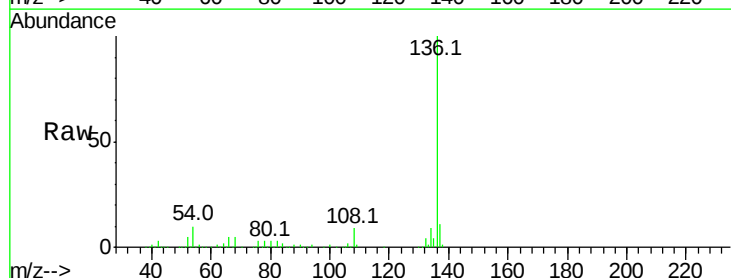
Ion Ratio Lower Upper

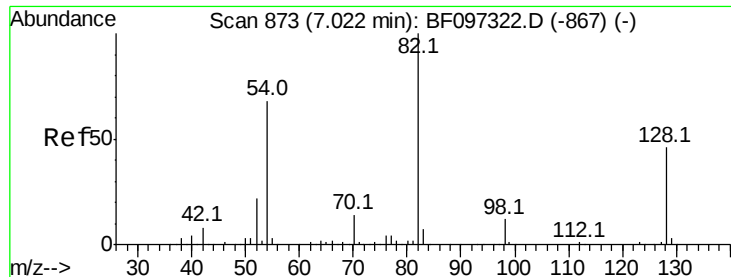
136 100

137 10.9 8.5 12.7

54 9.9 4.9 7.3#

68 5.5 4.1 6.1

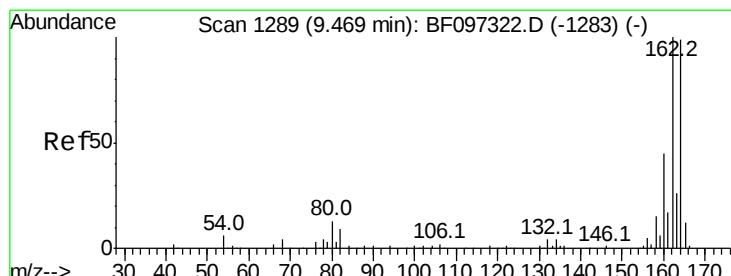
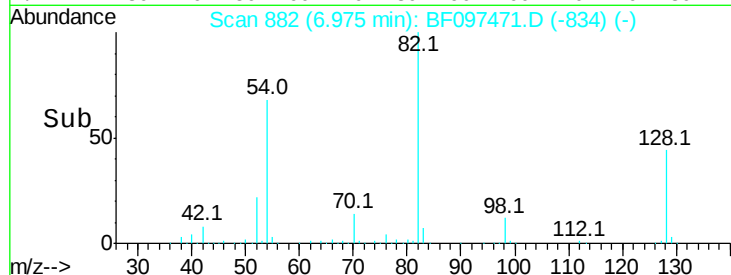
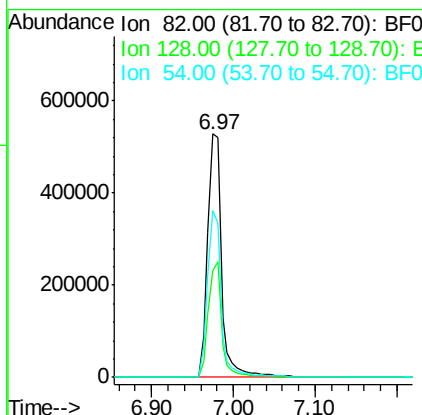
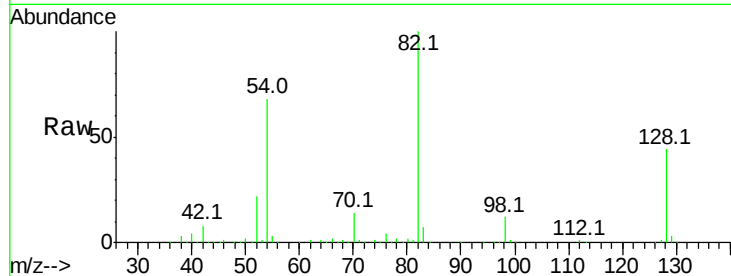




#23
 Nitrobenzene-d5
 Concen: 86.685 ng
 RT: 6.97 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF097471.D
 Acq: 8 Aug 2017 16:03

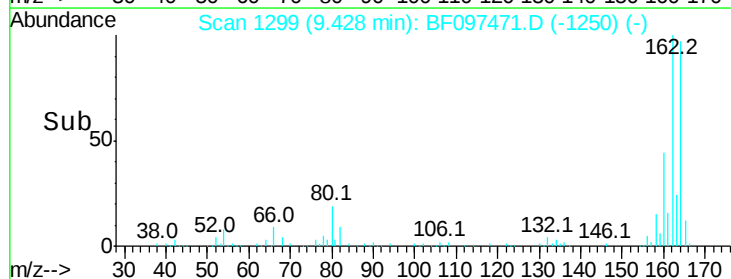
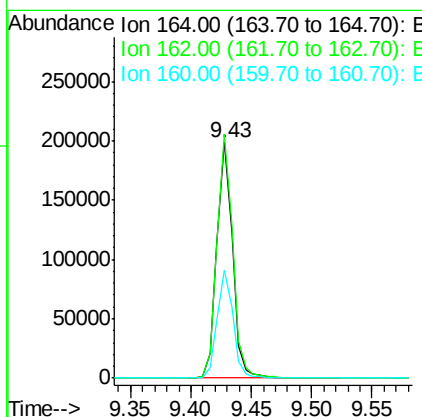
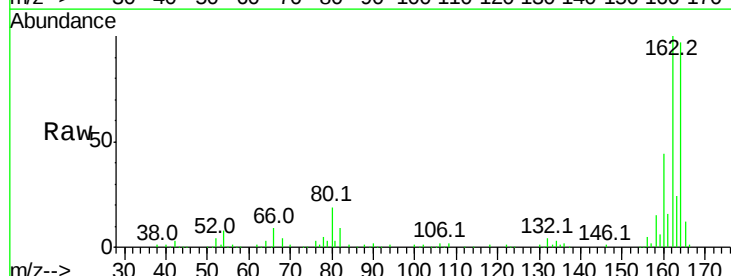
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-D

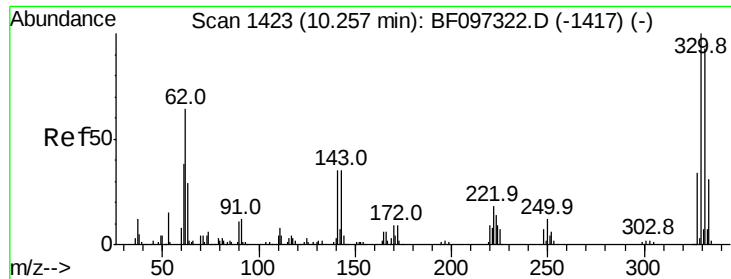
Tot Ion: 82 Resp: 629509
 Ion Ratio Lower Upper
 82 100
 128 43.8 34.0 51.0
 54 68.5 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097471.D
 Acq: 8 Aug 2017 16:03

Tgt Ion:164 Resp: 176675
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 46.0 36.2 54.2

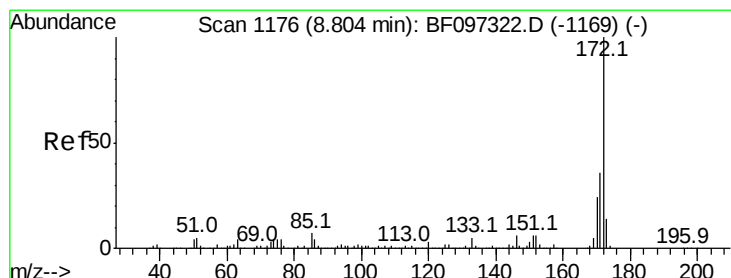
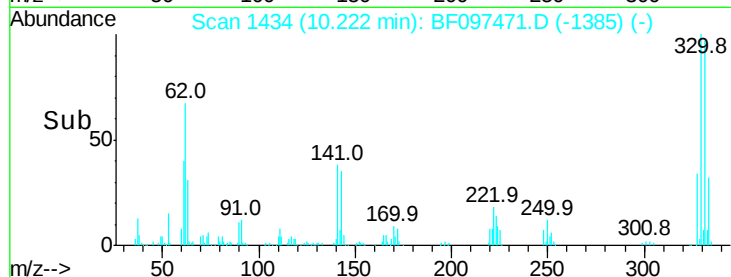
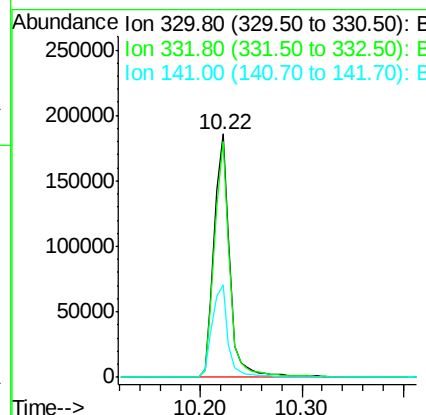
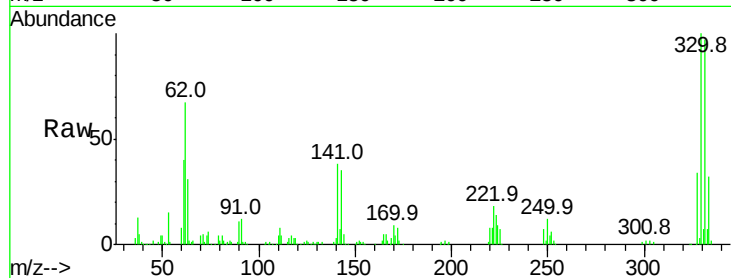




#41
 2,4,6-Tribromophenol
 Concen: 144.541 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097471.D
 Acq: 8 Aug 2017 16:03

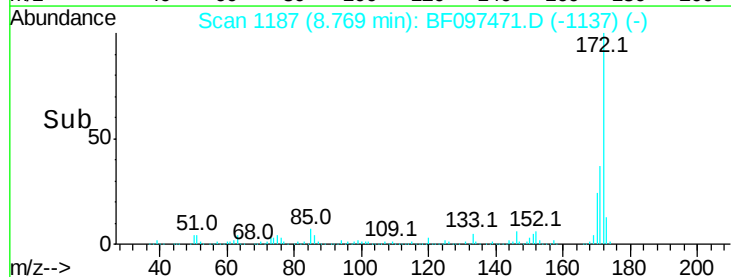
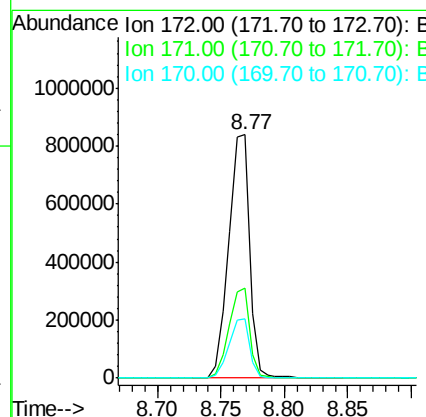
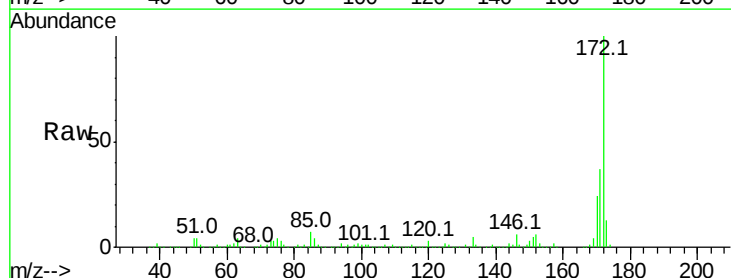
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-D

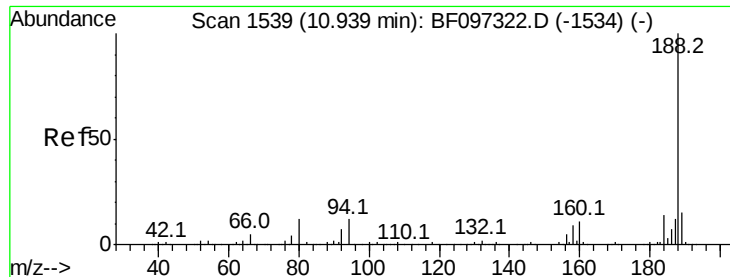
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	38.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 93.023 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097471.D
 Acq: 8 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	24.4	19.8	29.8

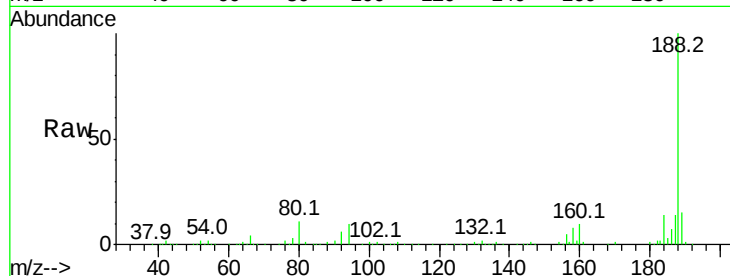




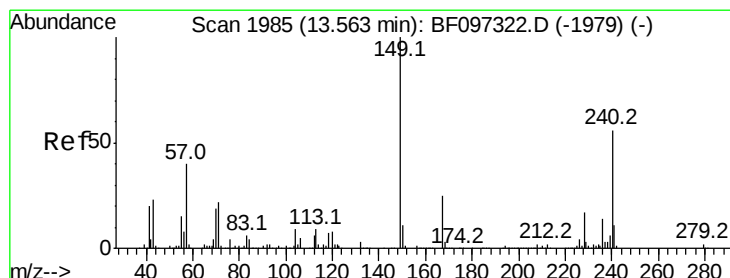
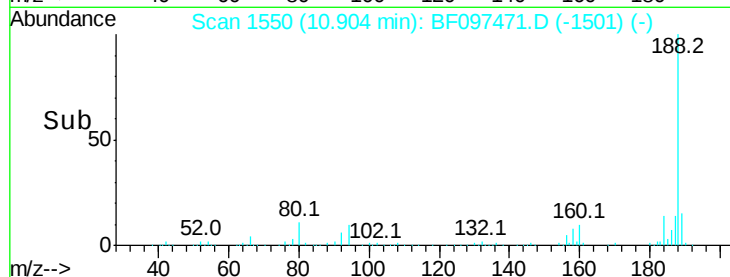
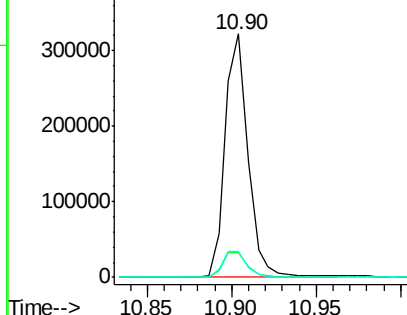
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.90 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF097471.D
 Acq: 8 Aug 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-D

Tot Ion:188 Resp: 303694
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 10.8 10.2 15.2

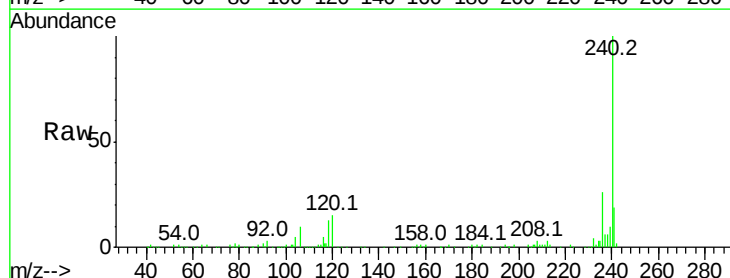


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

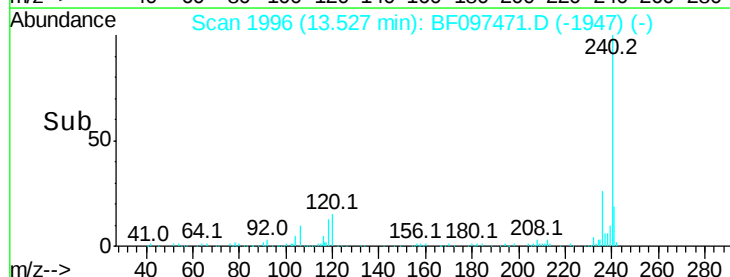
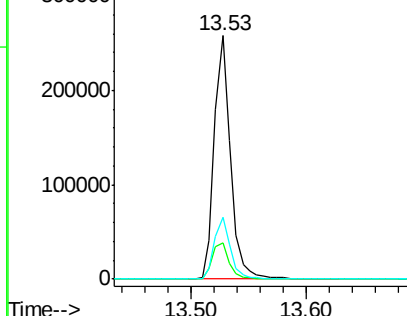


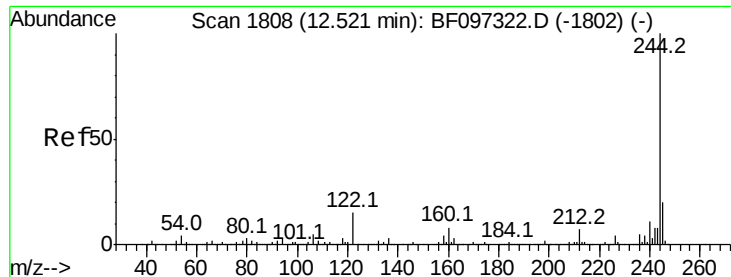
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.53 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF097471.D
 Acq: 8 Aug 2017 16:03

Tgt Ion:240 Resp: 252641
 Ion Ratio Lower Upper
 240 100
 120 15.1 5.8 8.8#
 236 25.5 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

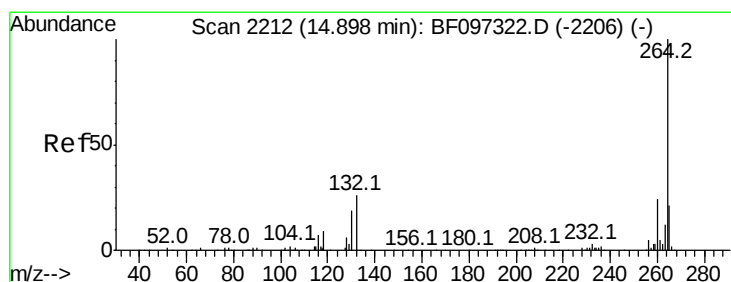
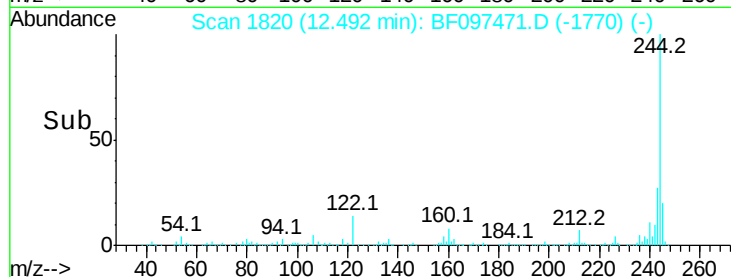
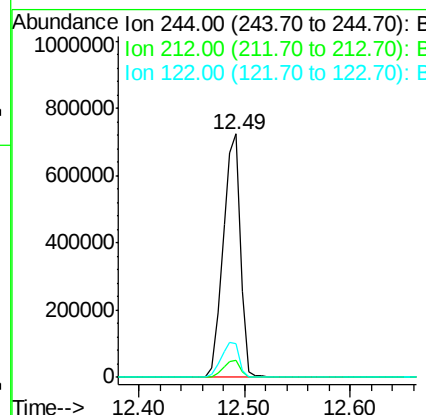
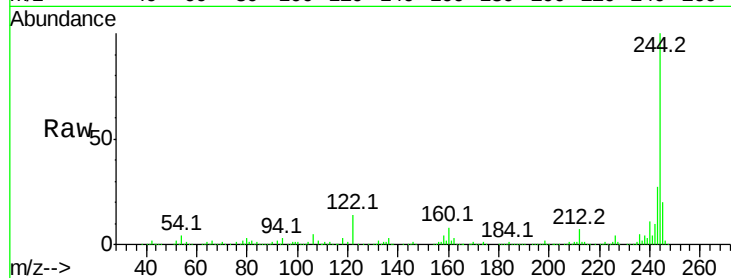




#78
 Terphenyl-d14
 Concen: 67.290 ng
 RT: 12.49 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF097471.D
 Acq: 8 Aug 2017 16:03

Instrument :
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Tot Ion:244 Resp: 833809
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097471.D
 Acq: 8 Aug 2017 16:03

Tgt Ion:264 Resp: 169630
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 20.3 17.2 25.8

