

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
 Data File : BF097212.D
 Acq On : 31 Jul 2017 17:14
 Operator : SJ/JU
 Sample : I4495-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Aug 01 04:03:25 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	6.47	152	129795	20.00	ng	-0.02
21) Naphthalene-d8	7.76	136	482033	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	204151	20.00	ng	-0.03
63) Phenanthrene-d10	10.98	188	303627	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	223493	20.00	ng	-0.02
86) Perylene-d12	14.96	264	225472	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	153839	17.87	ng	-0.01
7) Phenol-d6	6.16	99	105385	10.72	ng	-0.01
23) Nitrobenzene-d5	7.05	82	315833	38.44	ng	-0.03
41) 2,4,6-Tribromophenol	10.30	330	56810	35.22	ng	-0.02
44) 2-Fluorobiphenyl	8.84	172	539247	44.83	ng	-0.03
78) Terphenyl-d14	12.57	244	371641	33.90	ng	-0.02

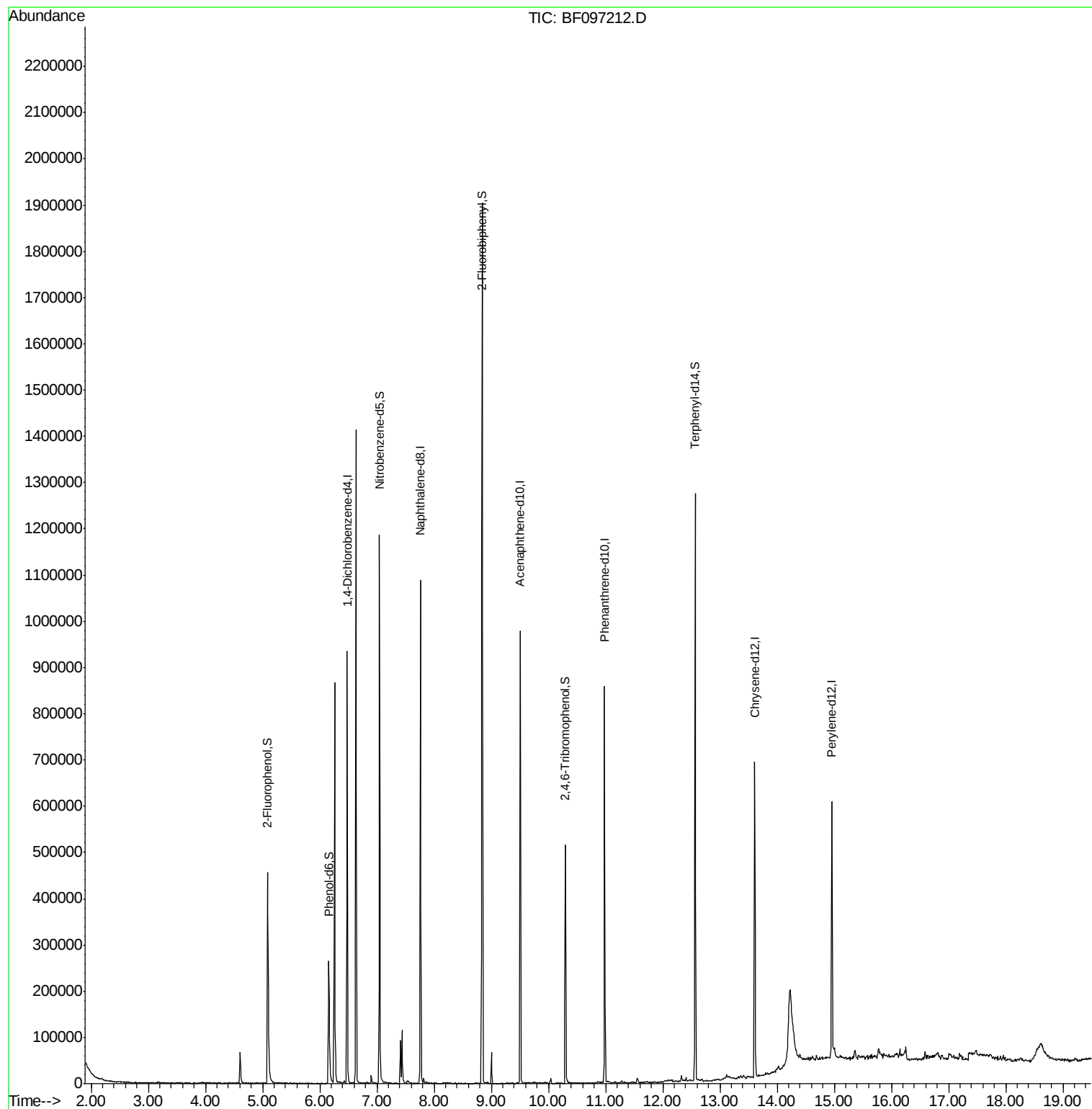
Target Compounds Qvalue

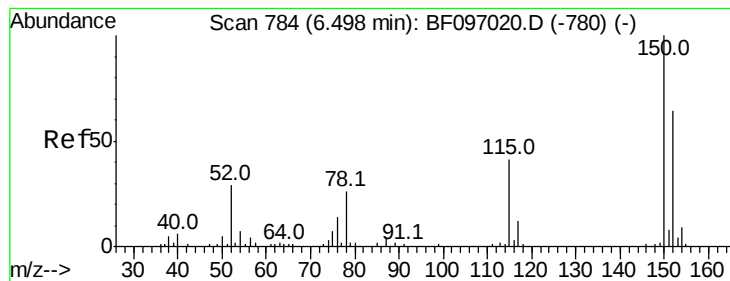
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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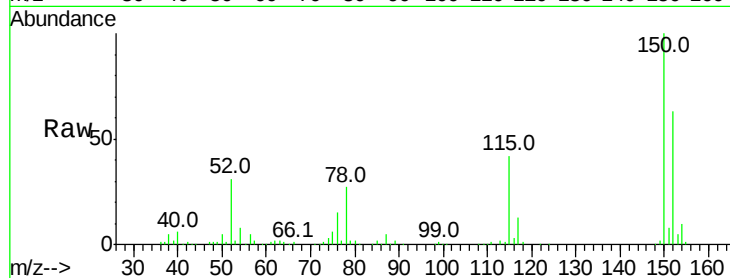


#1

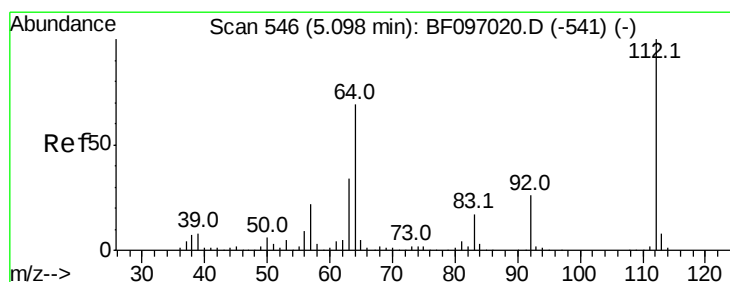
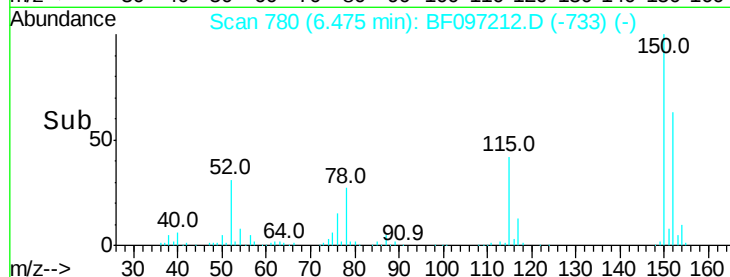
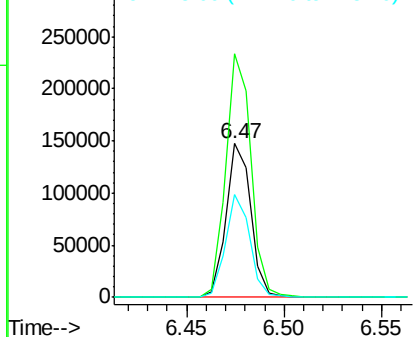
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.47 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF097212.D
Acq: 31 Jul 2017 17:14

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tot Ion:152 Resp: 129795
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 66.9 52.2 78.2



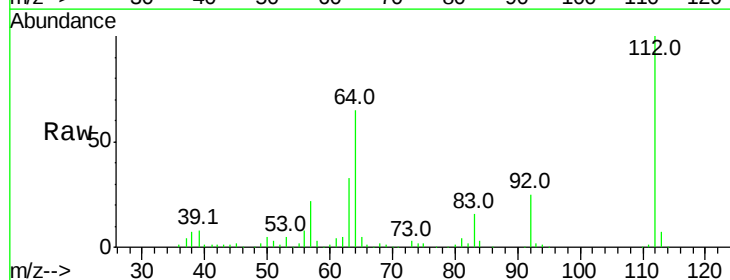
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



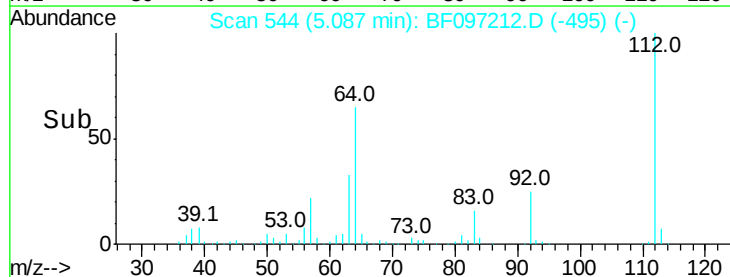
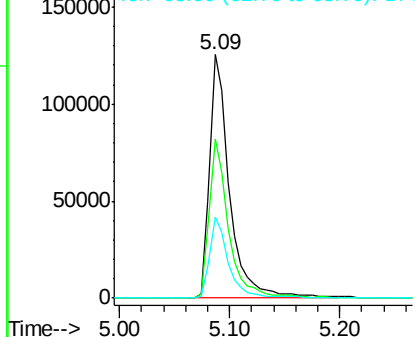
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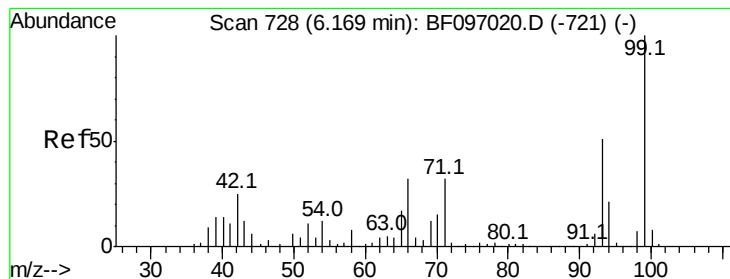
2-Fluorophenol
Concen: 17.867 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097212.D
Acq: 31 Jul 2017 17:14

Tgt Ion:112 Resp: 153839
Ion Ratio Lower Upper
112 100
64 65.2 46.0 69.0
63 33.2 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: 10.721 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097212.D

Acq: 31 Jul 2017 17:14

Instrument :

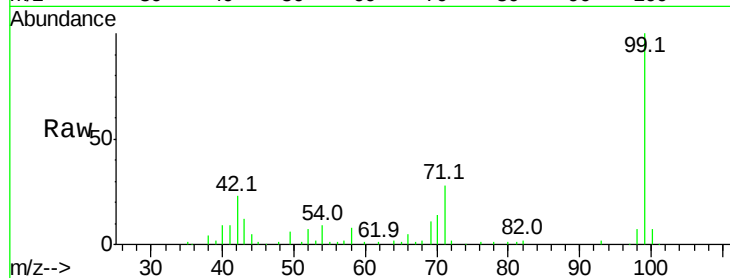
BNA_F

ClientSampleId :

FIELDBLANK

Tot Ion: 99 Resp: 105385

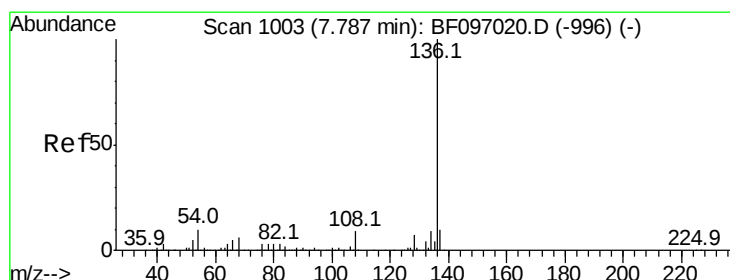
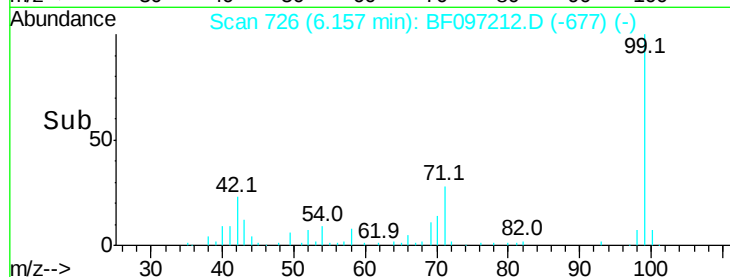
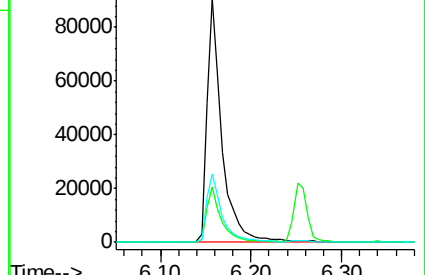
Ion	Ratio	Lower	Upper
99	100		
42	22.7	13.5	20.3#
71	28.0	24.5	36.7



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: 7.76 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF097212.D

Acq: 31 Jul 2017 17:14

Tgt Ion: 136 Resp: 482033

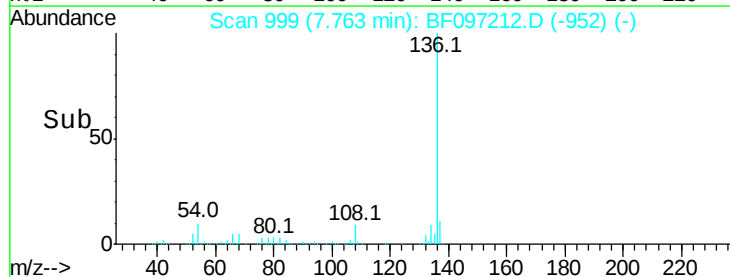
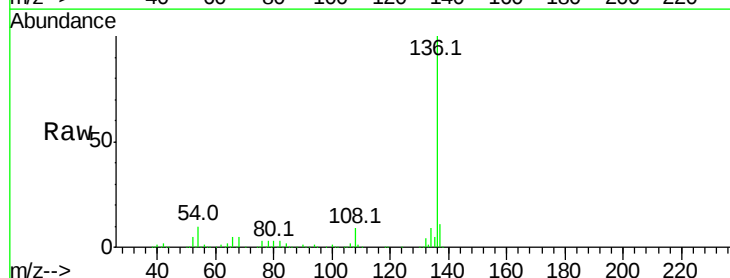
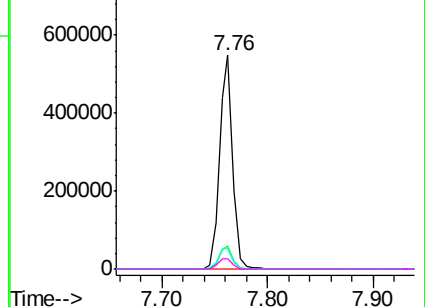
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.7	4.9	7.3#
68	5.1	4.1	6.1

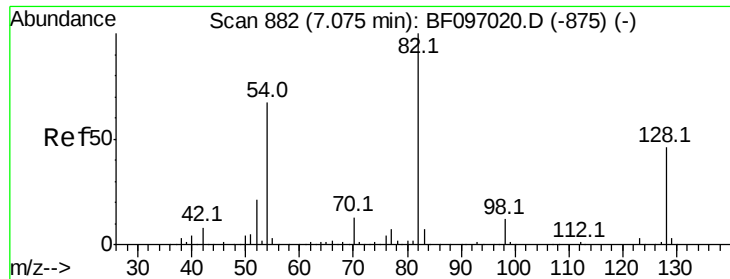
Abundance Ion 136.00 (135.70 to 136.70): E

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

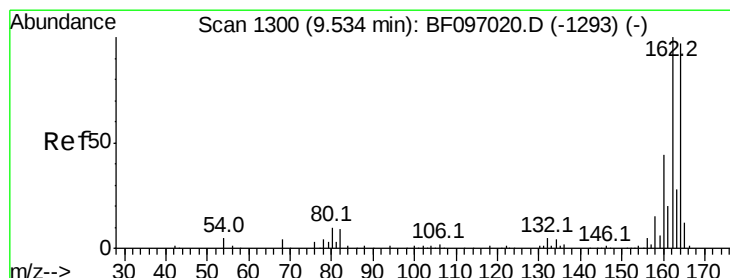
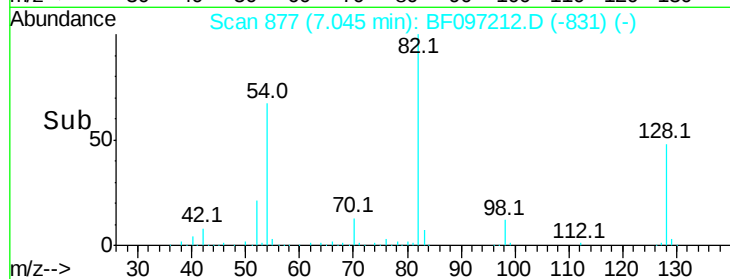
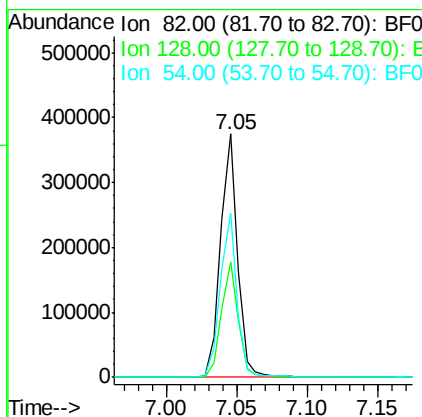
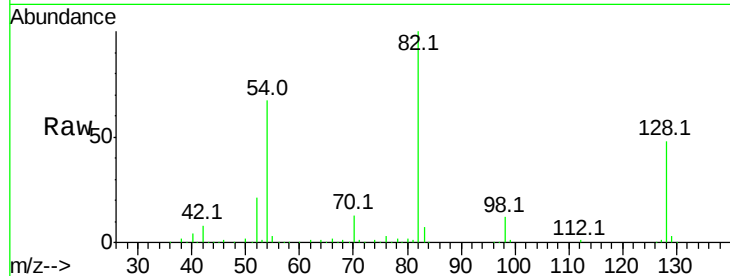




#23
 Nitrobenzene-d5
 Concen: 38.437 ng
 RT: 7.05 min Scan# 877
 Delta R.T. -0.03 min
 Lab File: BF097212.D
 Acq: 31 Jul 2017 17:14

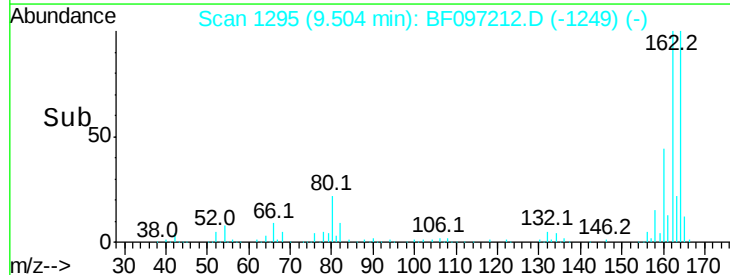
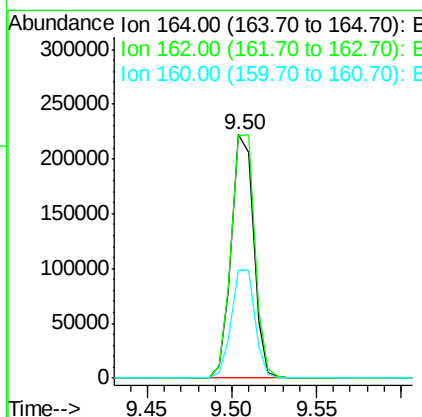
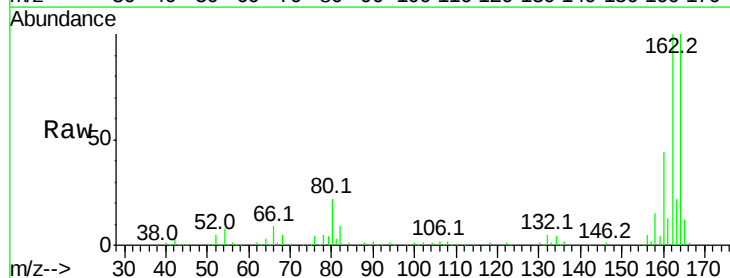
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

Tot Ion: 82 Resp: 315833
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 67.2 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.03 min
 Lab File: BF097212.D
 Acq: 31 Jul 2017 17:14

Tgt Ion: 164 Resp: 204151
 Ion Ratio Lower Upper
 164 100
 162 99.8 82.6 123.8
 160 44.3 36.2 54.2

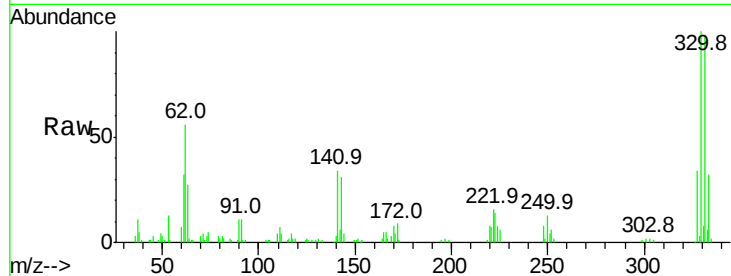




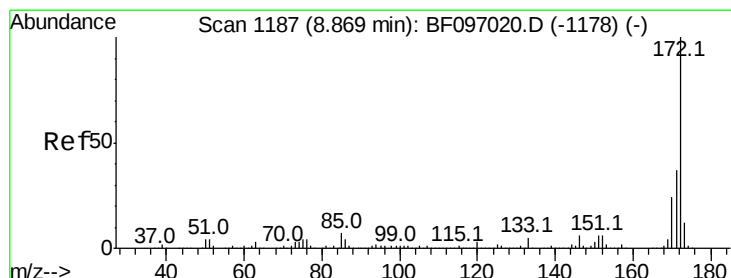
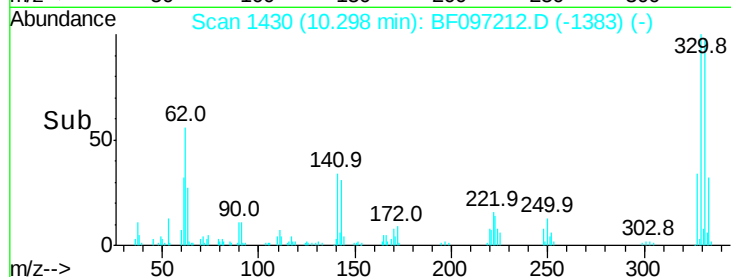
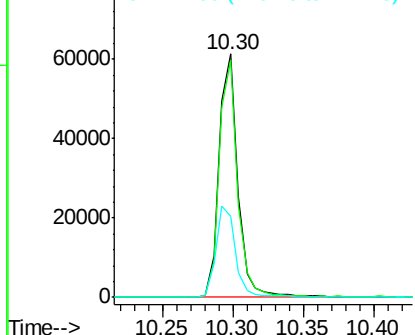
#41
 2,4,6-Tribromophenol
 Concen: 35.220 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097212.D
 Acq: 31 Jul 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

Tot Ion:330 Resp: 56810
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 39.0 31.4 47.2

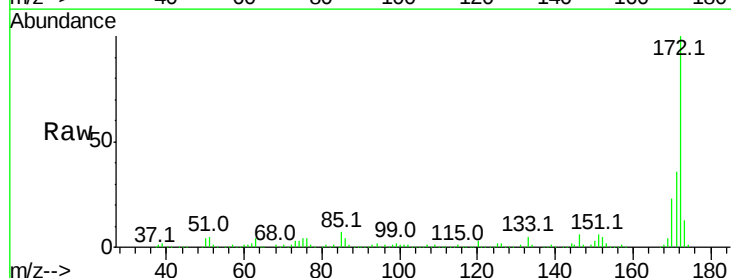


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

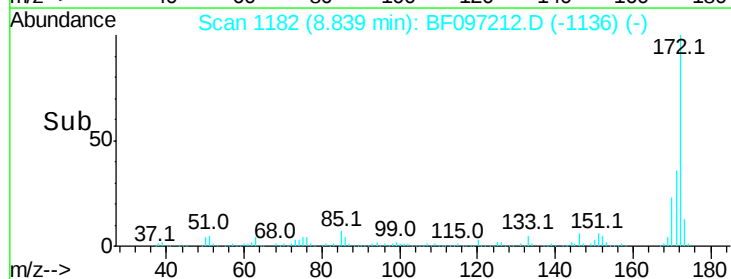
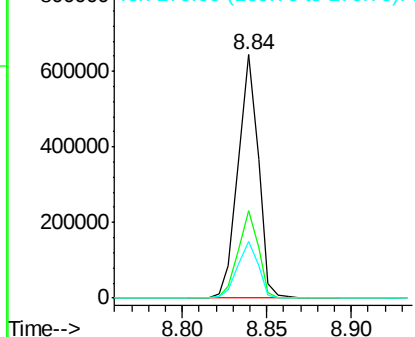


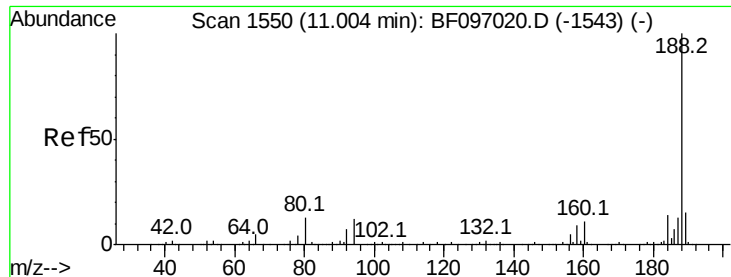
#44
 2-Fluorobiphenyl
 Concen: 44.827 ng
 RT: 8.84 min Scan# 1182
 Delta R.T. -0.03 min
 Lab File: BF097212.D
 Acq: 31 Jul 2017 17:14

Tgt Ion:172 Resp: 539247
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.5 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

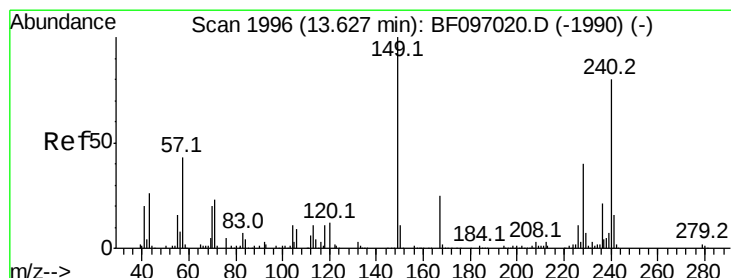
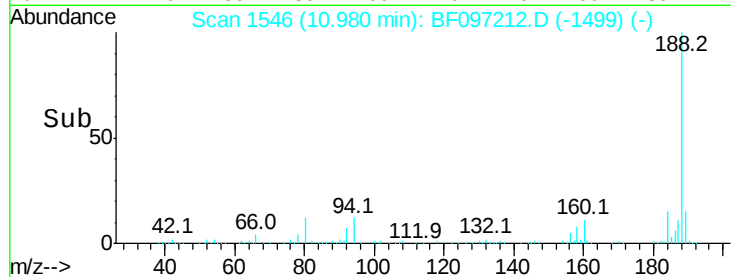
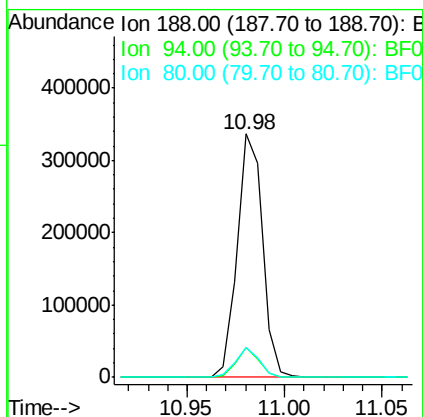
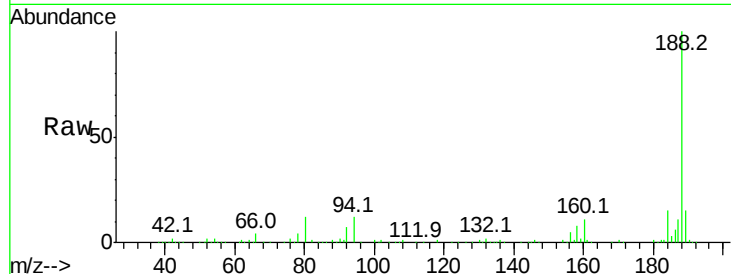




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.98 min Scan# 1546
 Delta R.T. -0.02 min
 Lab File: BF097212.D
 Acq: 31 Jul 2017 17:14

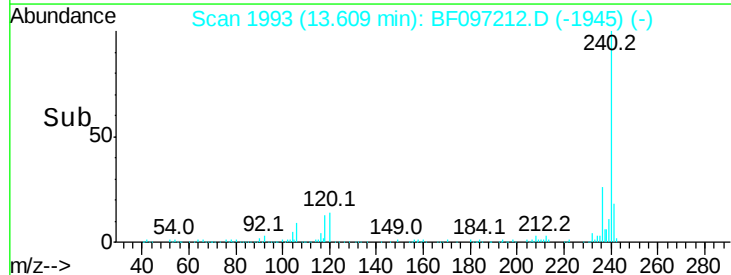
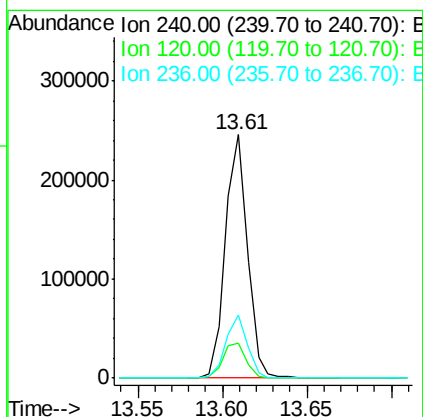
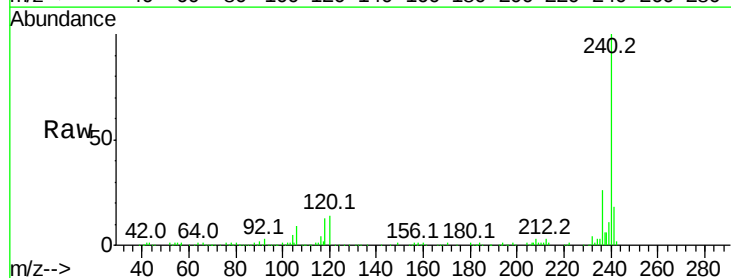
Instrument :
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 ClientSampleId :
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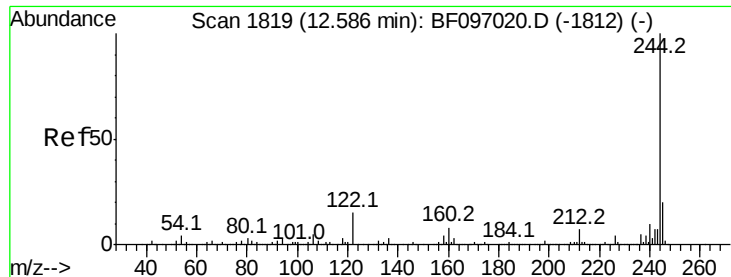
Tot Ion:188 Resp: 303627
 Ion Ratio Lower Upper
 188 100
 94 12.3 9.4 14.2
 80 12.1 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.61 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF097212.D
 Acq: 31 Jul 2017 17:14

Tgt Ion:240 Resp: 223493
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 26.1 20.5 30.7





#78

Terphenyl-d14

Concen: 33.904 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF097212.D

Acq: 31 Jul 2017 17:14

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

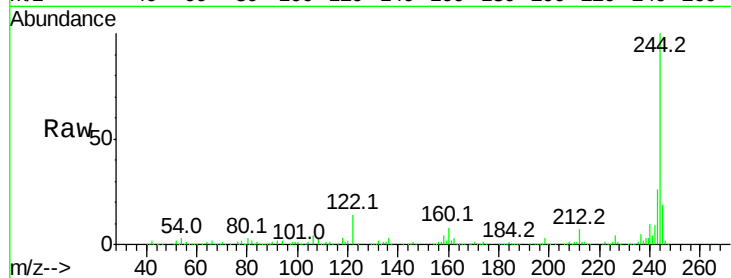
Tot Ion:244 Resp: 371641

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

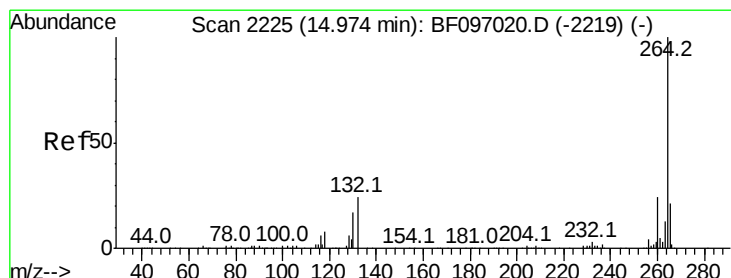
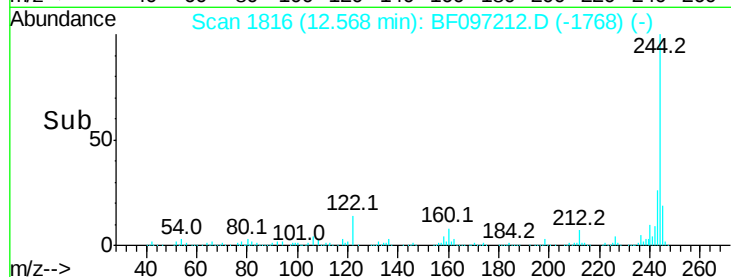
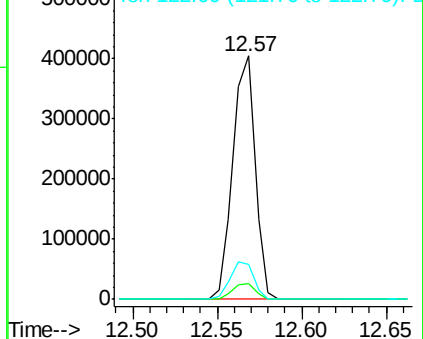
122 14.4 10.3 15.5



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# 2222

Delta R.T. -0.02 min

Lab File: BF097212.D

Acq: 31 Jul 2017 17:14

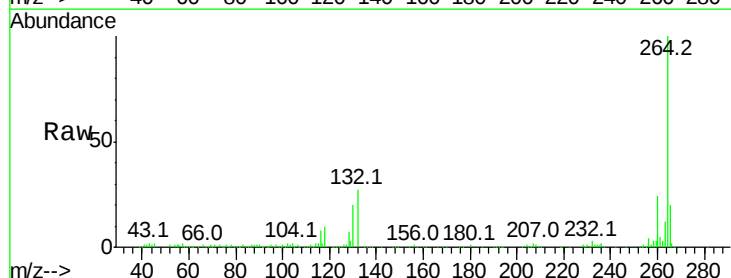
Tgt Ion:264 Resp: 225472

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 20.2 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

