

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF096988.D
 Acq On : 24 Jul 2017 13:47
 Operator : SJ/JU
 Sample : I4358-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-072017

Quant Time: Jul 24 14:49:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 14:10:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	148075	20.00	ng	0.00
21) Naphthalene-d8	7.82	136	556964	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	144668	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	302836	20.00	ng	0.00
75) Chrysene-d12	13.67	240	72075	20.00	ng	-0.01
86) Perylene-d12	15.03	264	3245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	964971	97.99	ng	0.02
7) Phenol-d6	6.22	99	778741	65.89	ng	0.00
23) Nitrobenzene-d5	7.11	82	716084	79.64	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	224125	181.50	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	1137912	124.27	ng	0.00
78) Terphenyl-d14	12.63	244	570683	137.32	ng	0.00

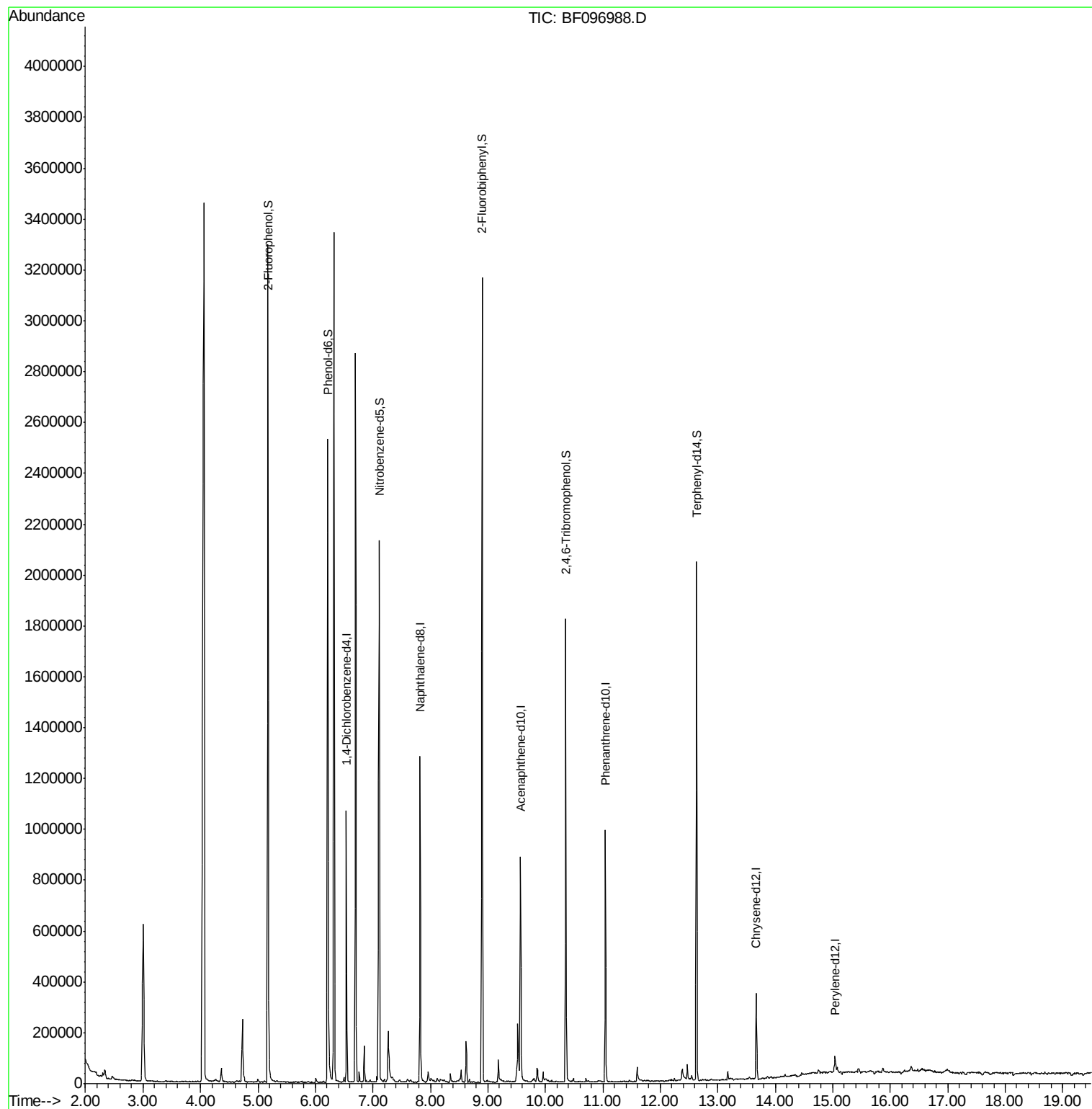
Target Compounds Qvalue

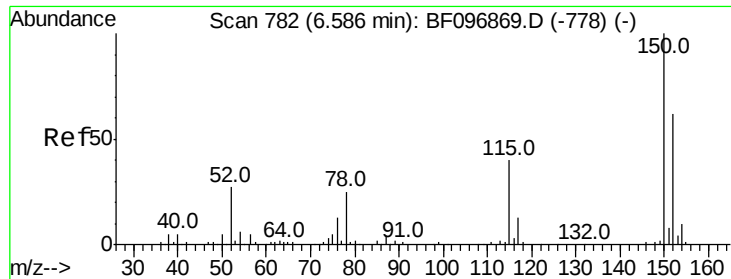
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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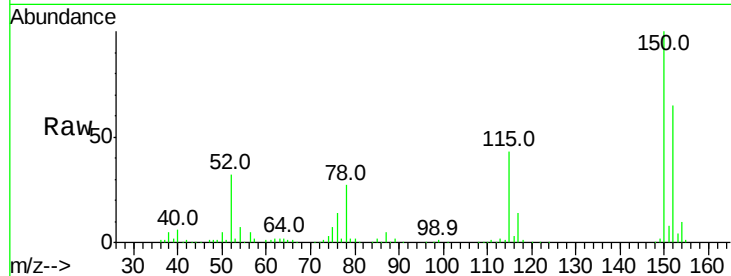


#1

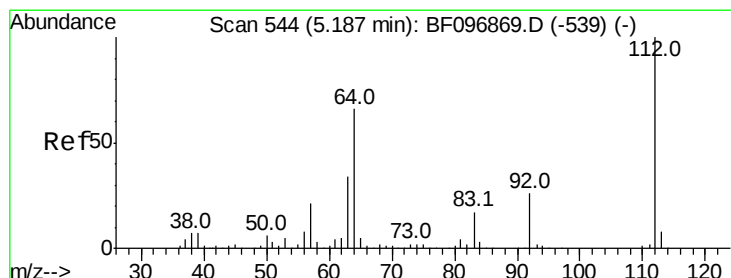
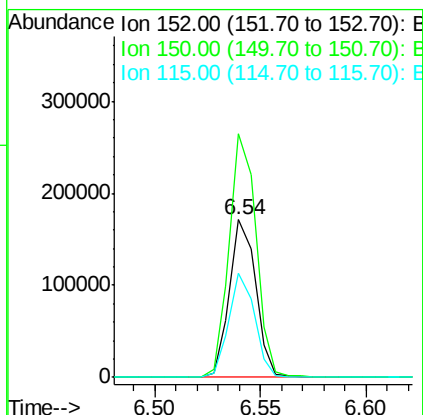
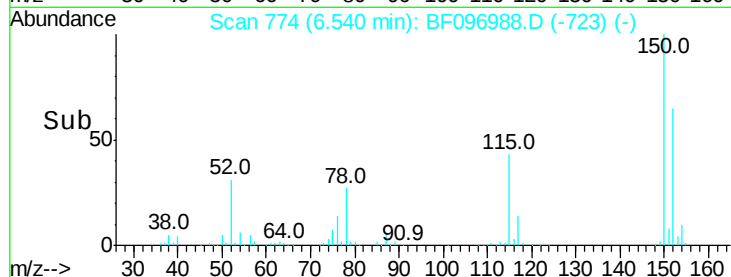
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.54 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF096988.D
Acq: 24 Jul 2017 13:47

Instrument :
BNA_F
ClientSampleId :
TR-05-072017

Tot Ion:152 Resp: 148075
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 65.8 52.2 78.2



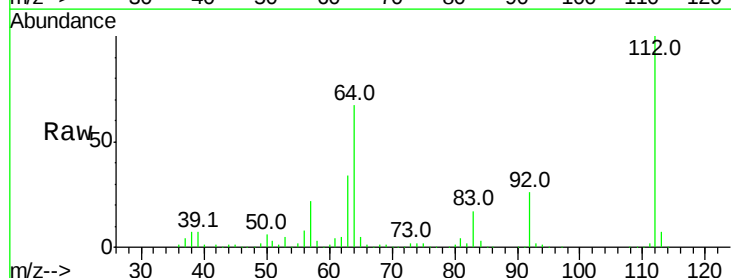
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



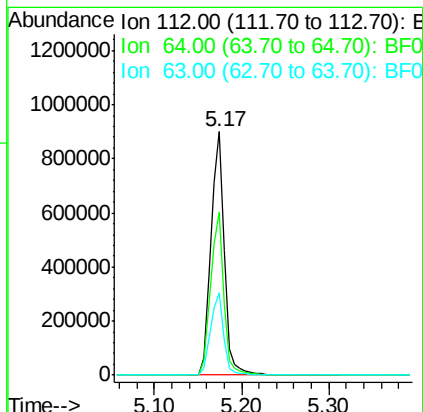
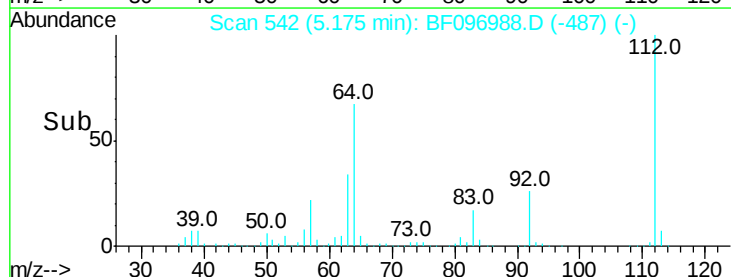
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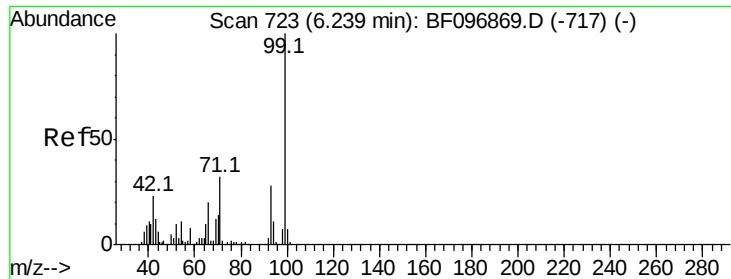
2-Fluorophenol
Concen: 97.985 ng
RT: 5.17 min Scan# 542
Delta R.T. 0.02 min
Lab File: BF096988.D
Acq: 24 Jul 2017 13:47

Tgt Ion:112 Resp: 964971
Ion Ratio Lower Upper
112 100
64 66.7 46.0 69.0
63 33.7 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: 65.894 ng

RT: 6.22 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF096988.D

Acq: 24 Jul 2017 13:47

Instrument :

BNA_F

ClientSampleId :

TR-05-072017

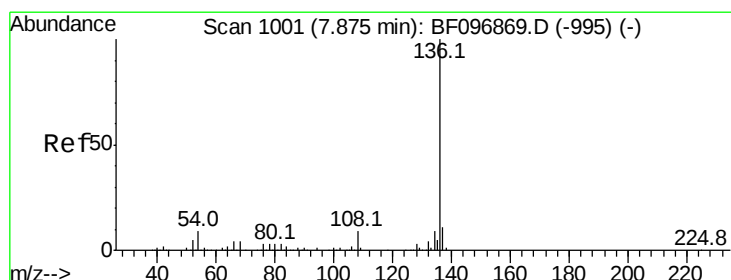
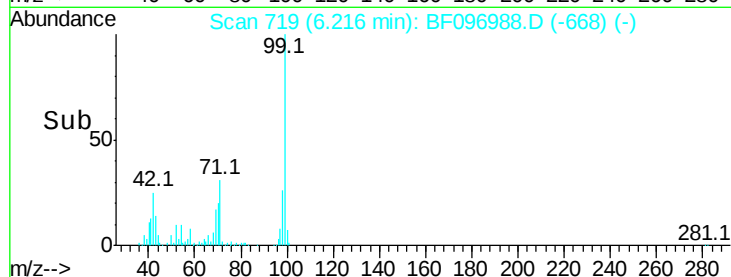
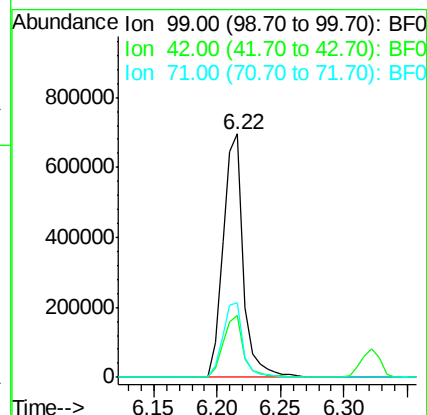
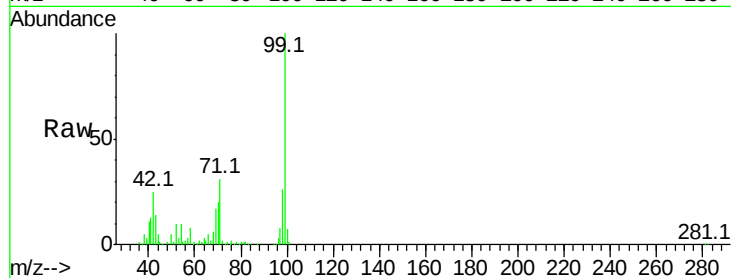
Tot Ion: 99 Resp: 778741

Ion Ratio Lower Upper

99 100

42 25.4 13.5 20.3#

71 30.6 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF096988.D

Acq: 24 Jul 2017 13:47

Tgt Ion: 136 Resp: 556964

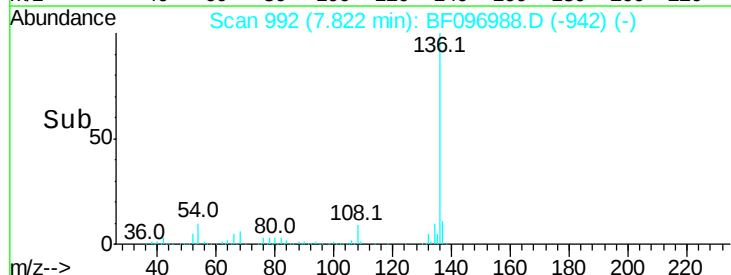
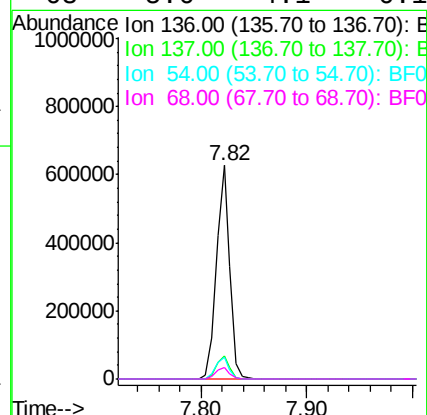
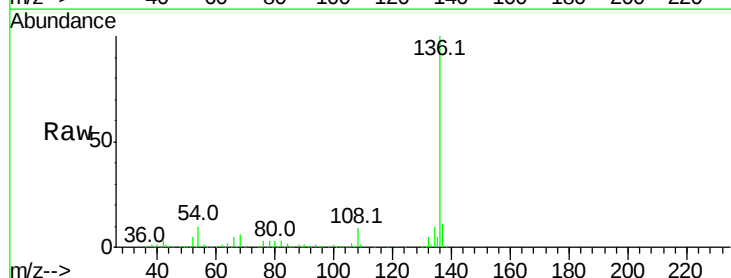
Ion Ratio Lower Upper

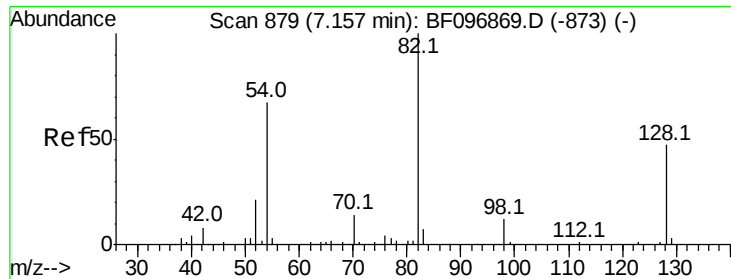
136 100

137 10.7 8.5 12.7

54 10.0 4.9 7.3#

68 5.6 4.1 6.1

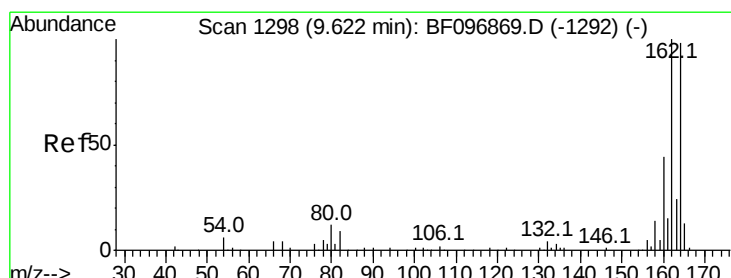
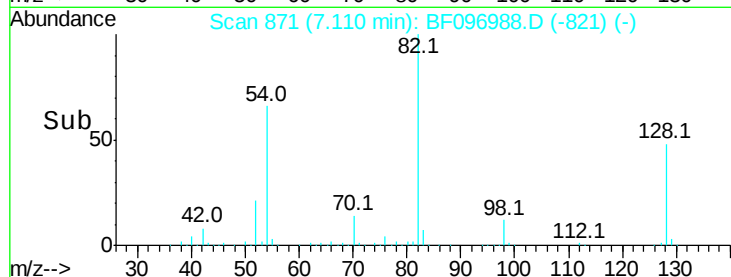
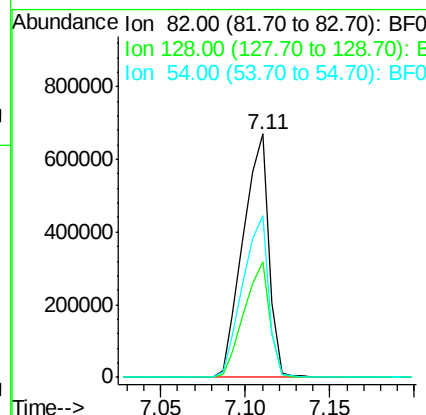
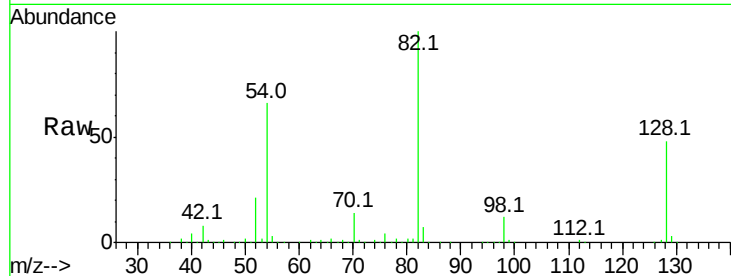




#23
 Nitrobenzene-d5
 Concen: 79.637 ng
 RT: 7.11 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF096988.D
 Acq: 24 Jul 2017 13:47

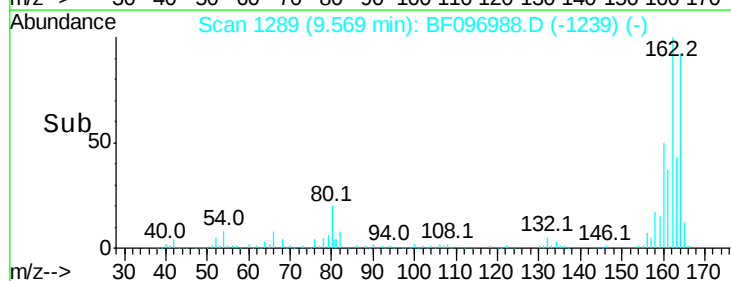
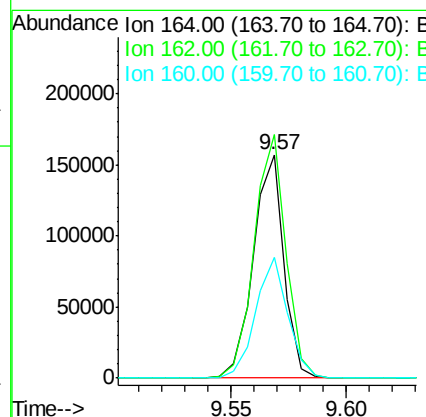
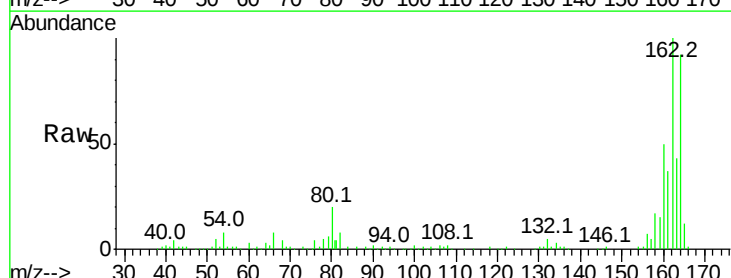
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-072017

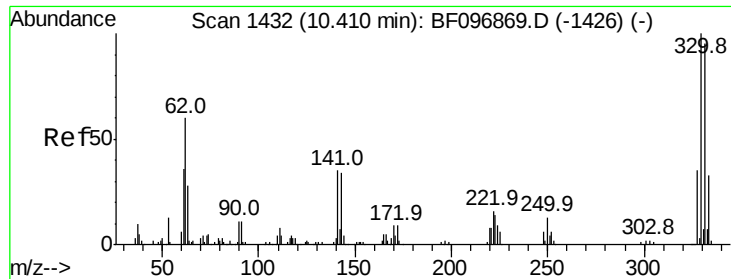
Tot Ion: 82 Resp: 716084
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 66.3 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.57 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF096988.D
 Acq: 24 Jul 2017 13:47

Tgt Ion:164 Resp: 144668
 Ion Ratio Lower Upper
 164 100
 162 109.0 82.6 123.8
 160 54.3 36.2 54.2#

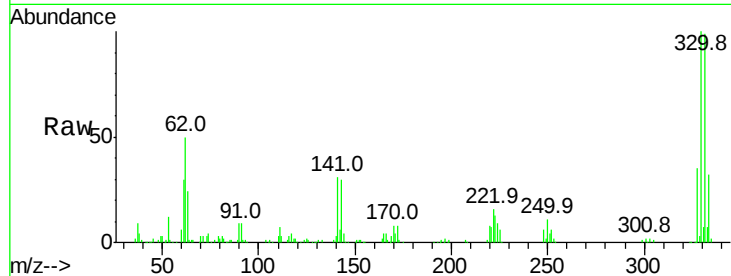




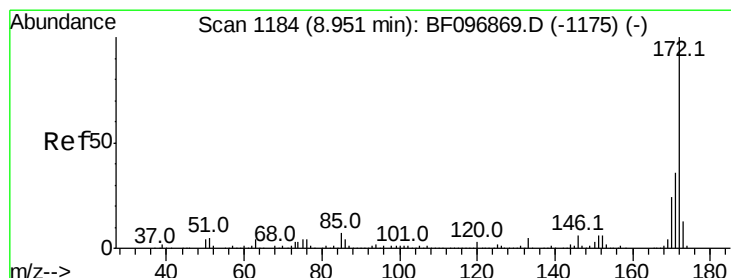
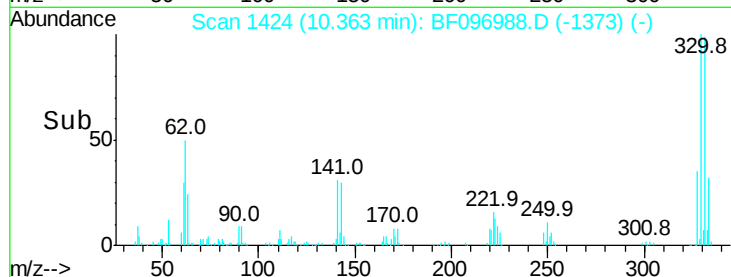
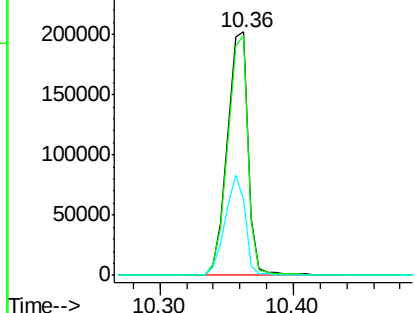
#41
 2,4,6-Tribromophenol
 Concen: 181.498 ng
 RT: 10.36 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF096988.D
 Acq: 24 Jul 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-072017

Tot Ion:330 Resp: 224125
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 39.3 31.4 47.2

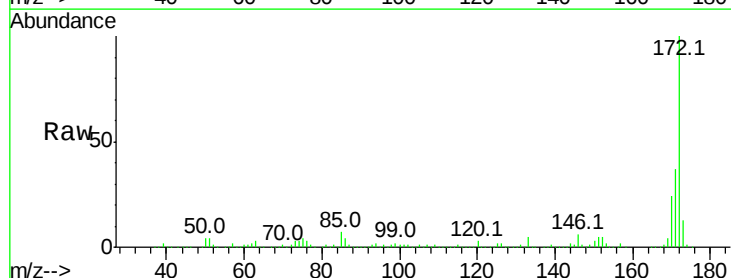


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

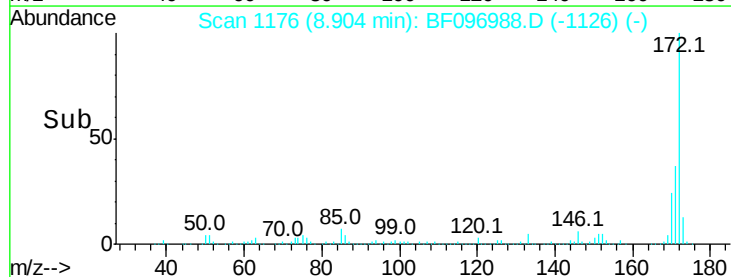
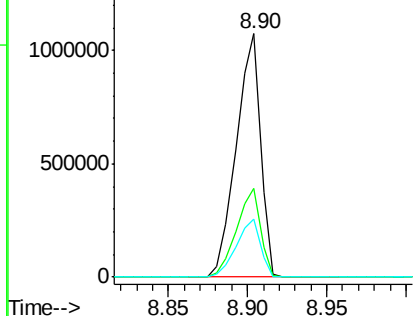


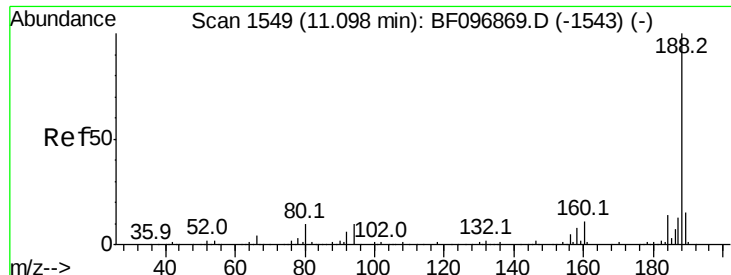
#44
 2-Fluorobiphenyl
 Concen: 124.272 ng
 RT: 8.90 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096988.D
 Acq: 24 Jul 2017 13:47

Tgt Ion:172 Resp: 1137912
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.9 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

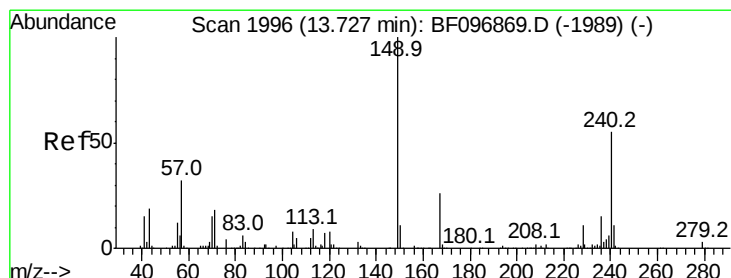
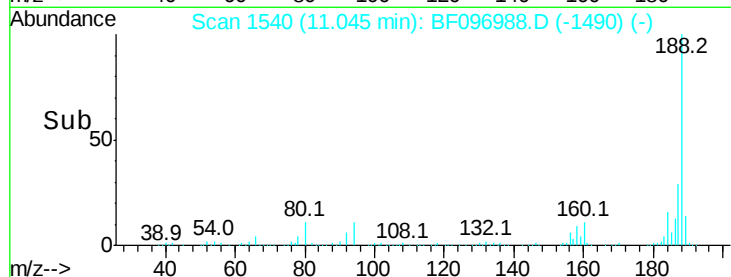
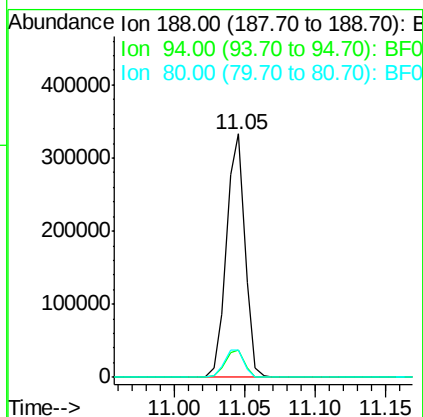
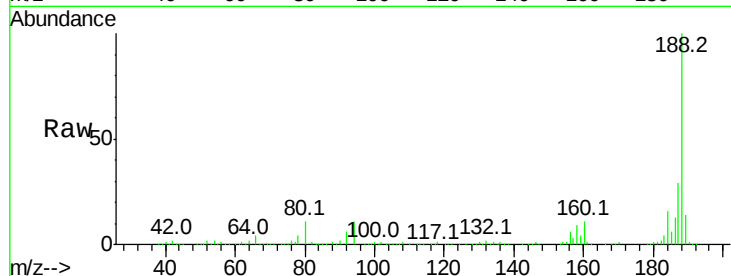




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.05 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF096988.D
Acq: 24 Jul 2017 13:47

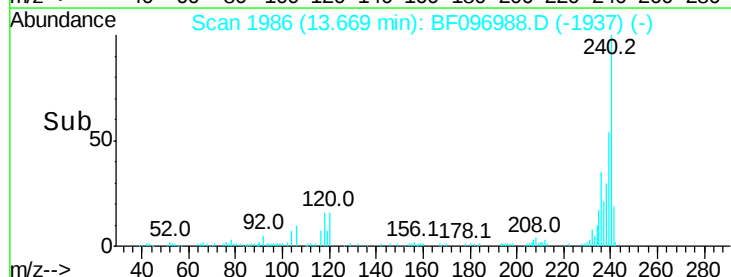
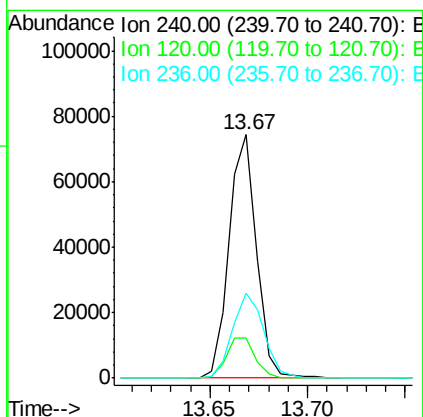
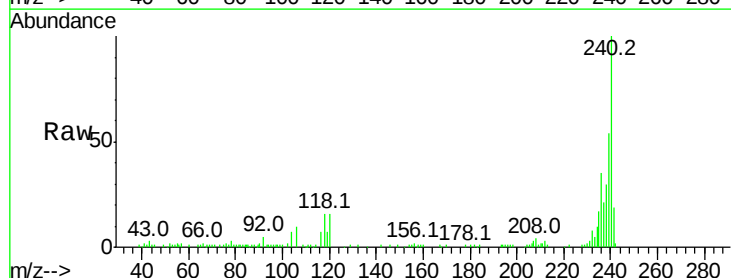
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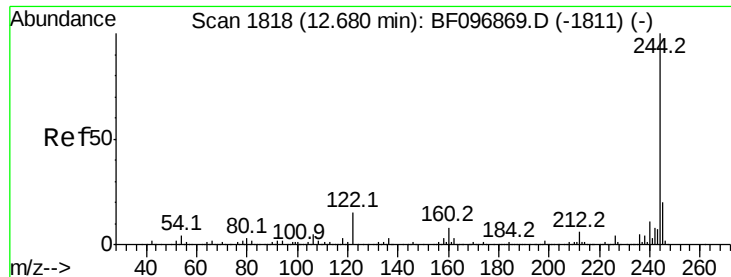
Tot Ion:188 Resp: 302836
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 11.3 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.67 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF096988.D
Acq: 24 Jul 2017 13:47

Tgt Ion:240 Resp: 72075
Ion Ratio Lower Upper
240 100
120 16.4 5.8 8.8#
236 34.9 20.5 30.7#

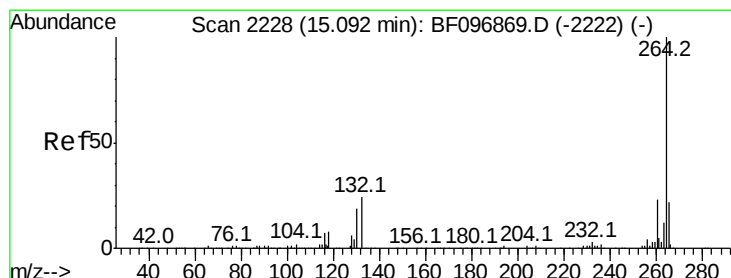
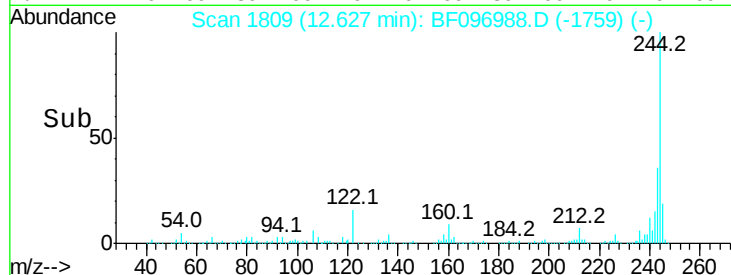
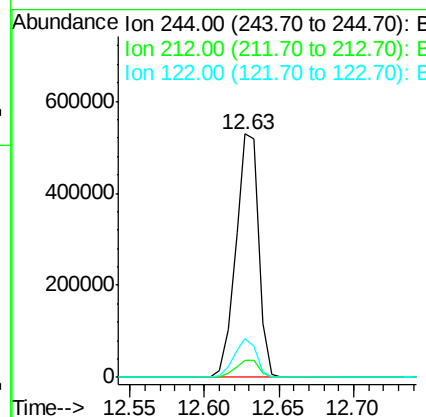
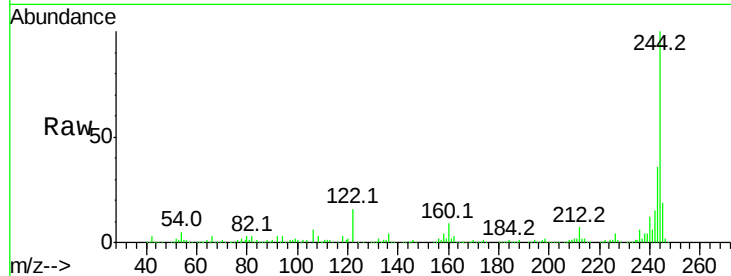




#78
 Terphenyl-d14
 Concen: 137.317 ng
 RT: 12.63 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF096988.D
 Acq: 24 Jul 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-072017

Tot Ion:244 Resp: 570683
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 15.8 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.03 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF096988.D
 Acq: 24 Jul 2017 13:47

Tgt Ion:264 Resp: 3245
 Ion Ratio Lower Upper
 264 100
 260 63.1 19.5 29.3#
 265 25.2 17.2 25.8

