

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071217\
 Data File : BF096688.D
 Acq On : 12 Jul 2017 13:36
 Operator : SJ/JU
 Sample : I4119-06RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-070717-BRE

Quant Time: Jul 12 16:05:24 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	103204	20.00	ng	-0.04
21) Naphthalene-d8	7.95	136	485938	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	196596	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	336082	20.00	ng	-0.04
75) Chrysene-d12	13.81	240	309963	20.00	ng	-0.04
86) Perylene-d12	15.20	264	219584	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	279403	39.96	ng	-0.04
7) Phenol-d6	6.30	99	355538	41.36	ng	-0.04
23) Nitrobenzene-d5	7.22	82	205861	25.46	ng	-0.05
41) 2,4,6-Tribromophenol	10.49	330	92079	59.96	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	410257	35.68	ng	-0.04
78) Terphenyl-d14	12.76	244	441975	30.47	ng	-0.04

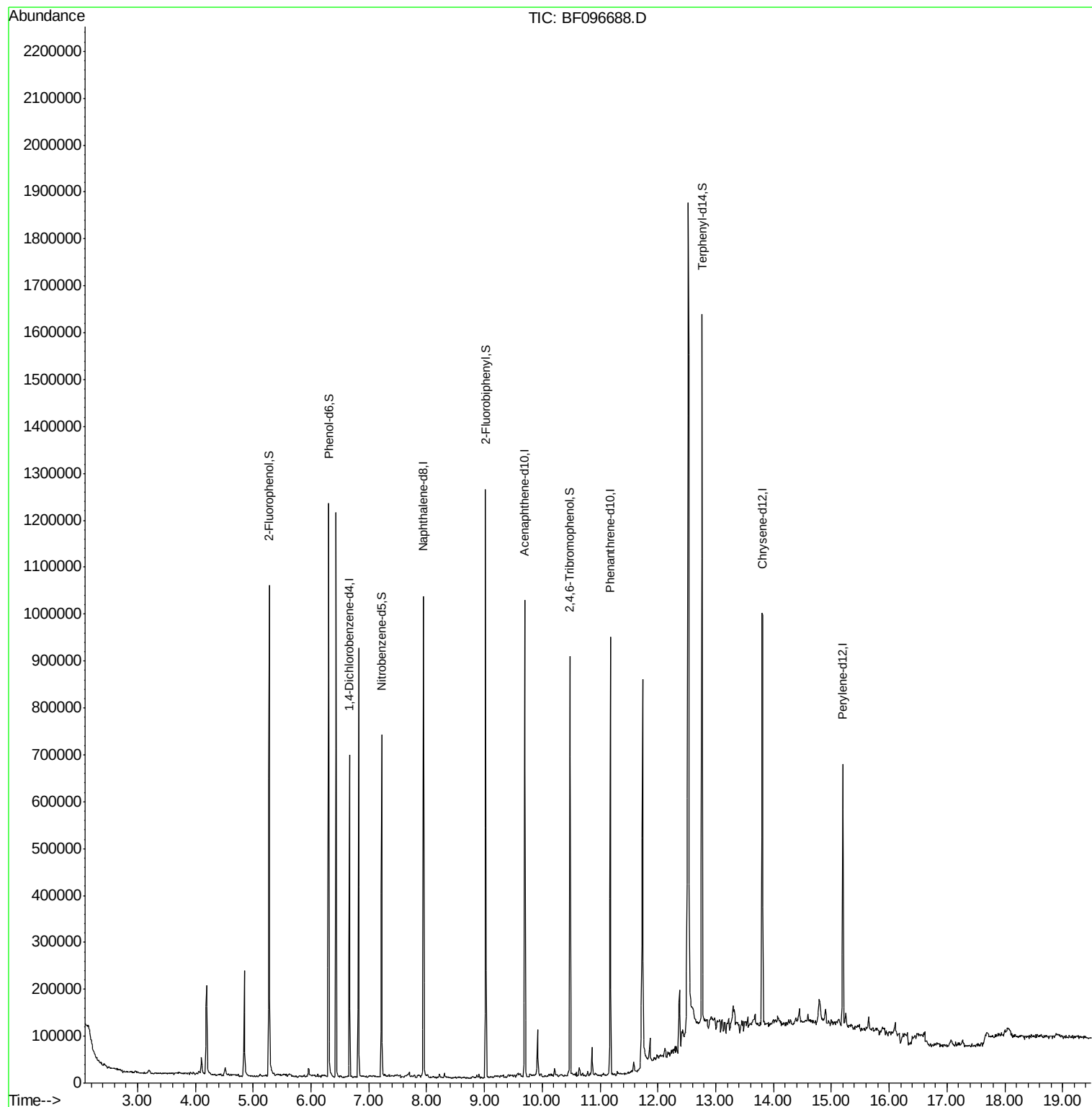
Target Compounds	Qvalue
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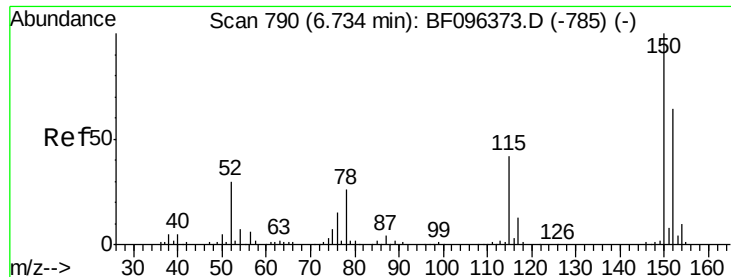
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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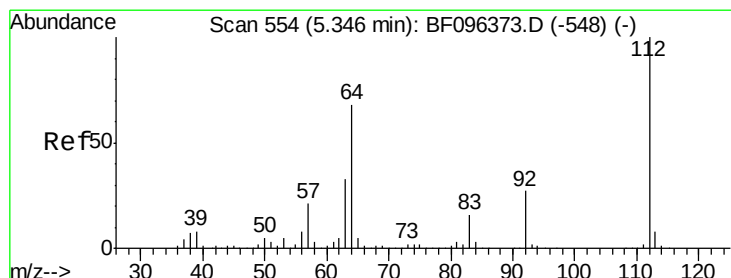
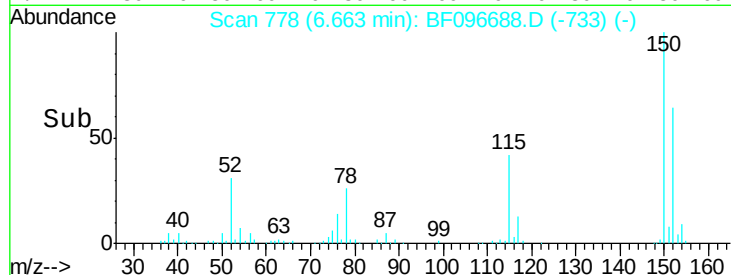
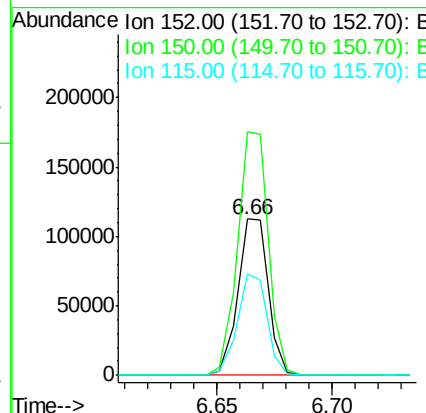
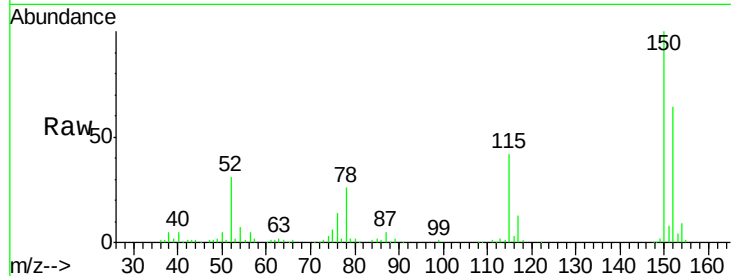


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF096688.D
Acq: 12 Jul 2017 13:36

Instrument :
BNA_F
ClientSampleId :
EO-03-070717-BRE

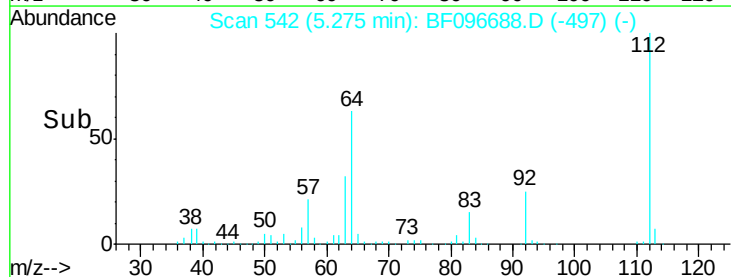
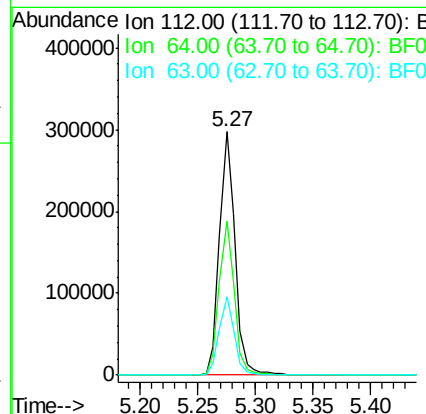
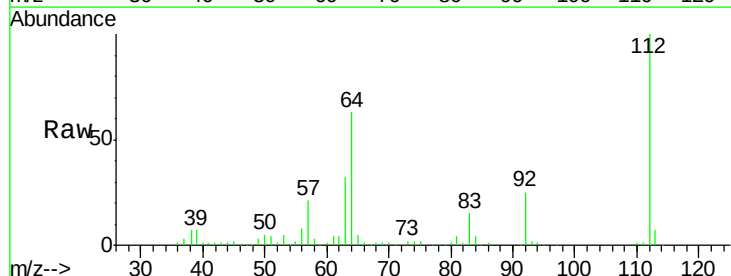
Tgt Ion:152 Resp: 103204
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 64.8 52.2 78.2

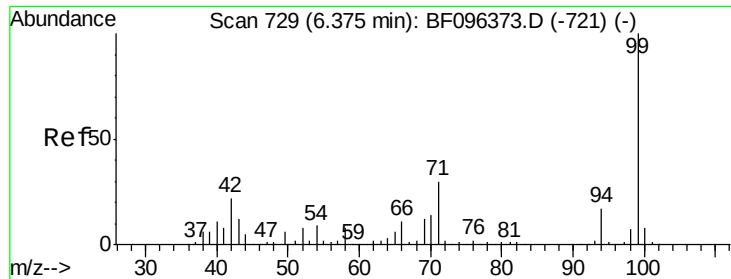


#5

2-Fluorophenol
Concen: 39.959 ng
RT: 5.27 min Scan# 542
Delta R.T. -0.04 min
Lab File: BF096688.D
Acq: 12 Jul 2017 13:36

Tgt Ion:112 Resp: 279403
Ion Ratio Lower Upper
112 100
64 63.2 46.0 69.0
63 32.3 23.4 35.0





#7

Phenol-d6

Concen: 41.360 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.04 min

Lab File: BF096688.D

Acq: 12 Jul 2017 13:36

Instrument :

BNA_F

ClientSampleId :

EO-03-070717-BRE

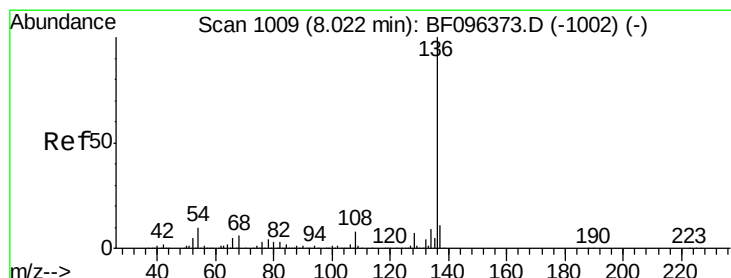
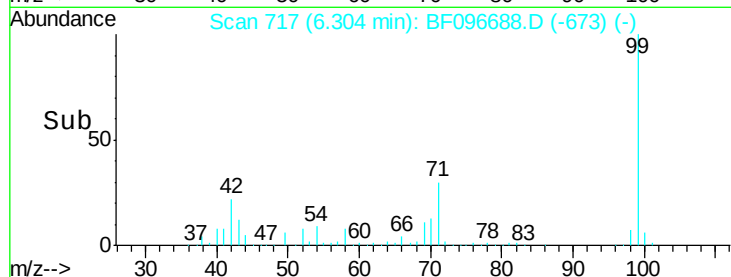
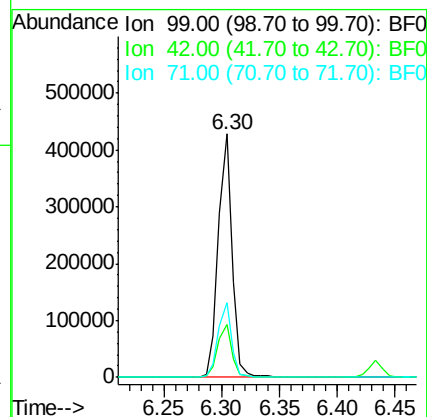
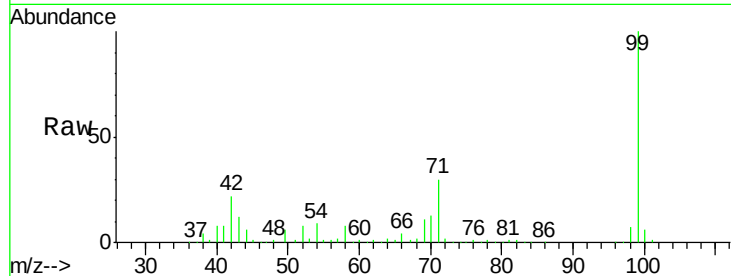
Tgt Ion: 99 Resp: 35538

Ion Ratio Lower Upper

99 100

42 22.0 13.5 20.3#

71 30.5 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.04 min

Lab File: BF096688.D

Acq: 12 Jul 2017 13:36

Tgt Ion: 136 Resp: 485938

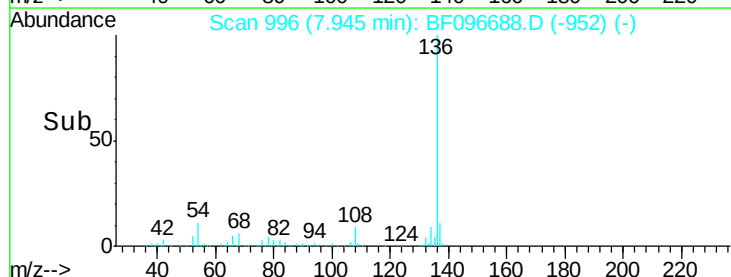
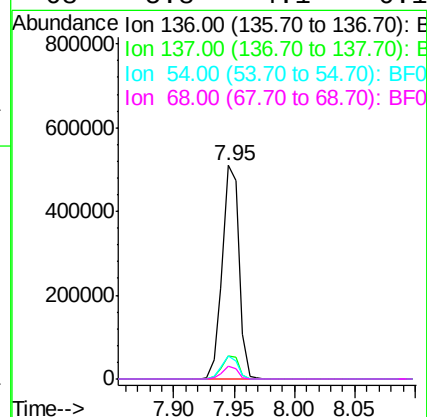
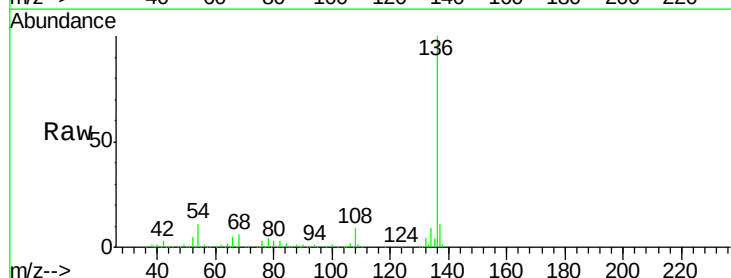
Ion Ratio Lower Upper

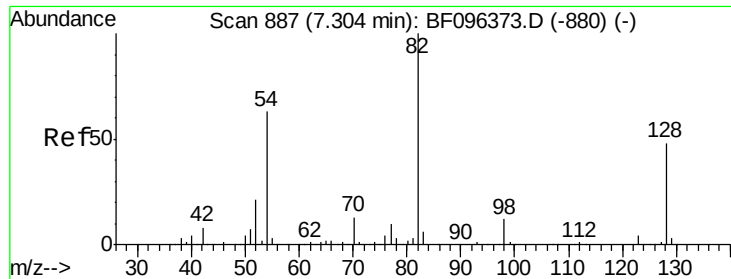
136 100

137 10.5 8.5 12.7

54 10.6 4.9 7.3#

68 5.8 4.1 6.1

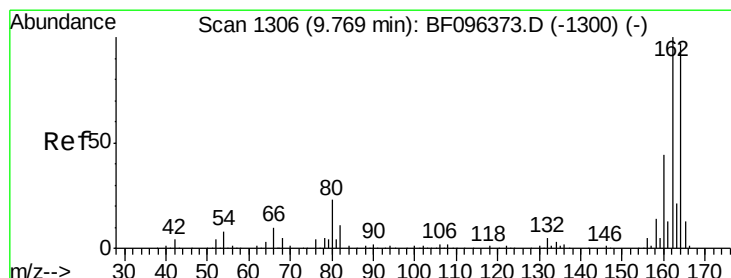
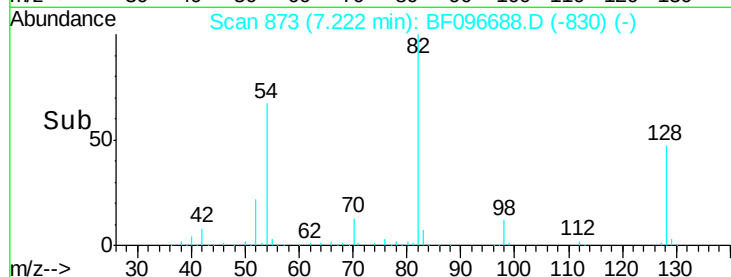
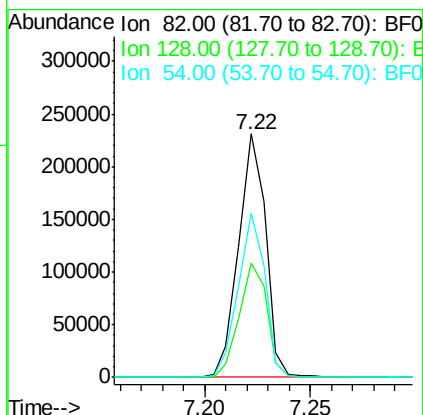
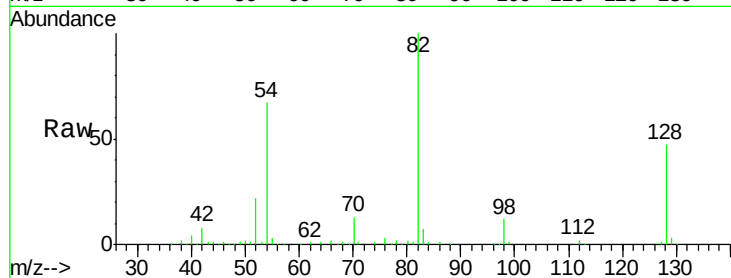




#23
 Nitrobenzene-d5
 Concen: 25.457 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.05 min
 Lab File: BF096688.D
 Acq: 12 Jul 2017 13:36

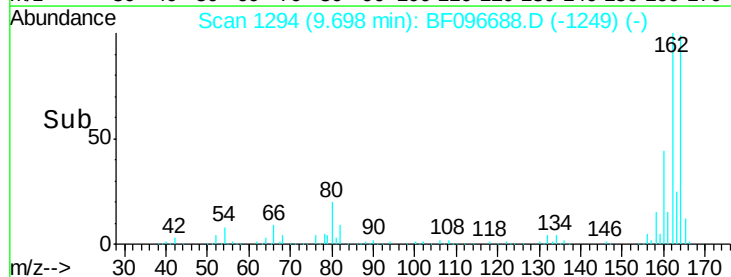
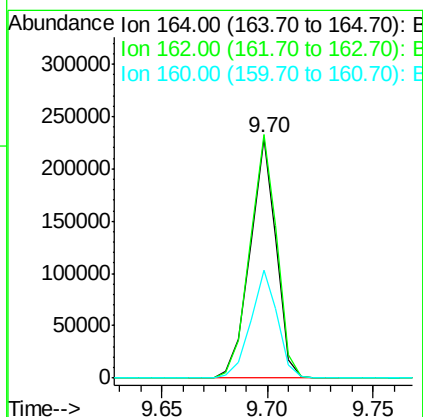
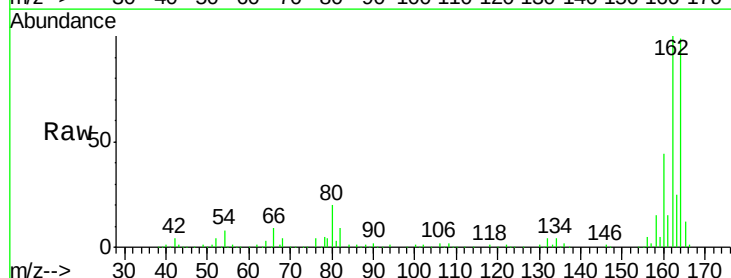
Instrument :
 BNA_F
 ClientSampleId :
 EO-03-070717-BRE

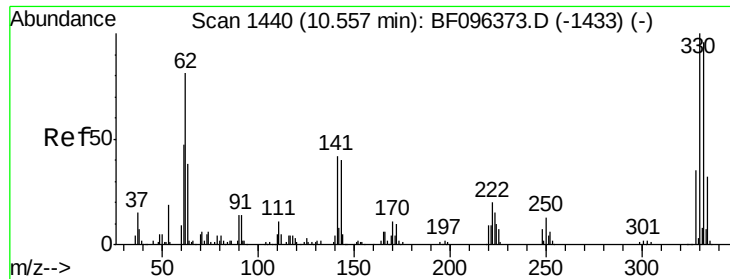
Tgt Ion: 82 Resp: 205861
 Ion Ratio Lower Upper
 82 100
 128 47.1 34.0 51.0
 54 67.4 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.04 min
 Lab File: BF096688.D
 Acq: 12 Jul 2017 13:36

Tgt Ion: 164 Resp: 196596
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 123.8
 160 44.9 36.2 54.2

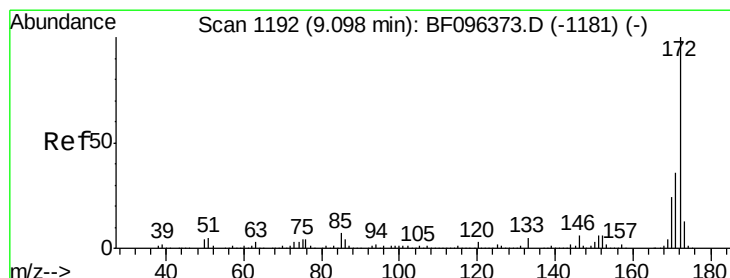
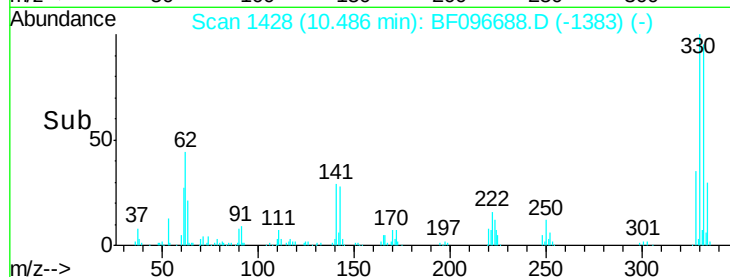
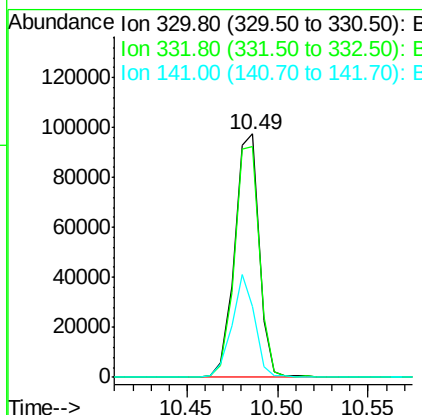
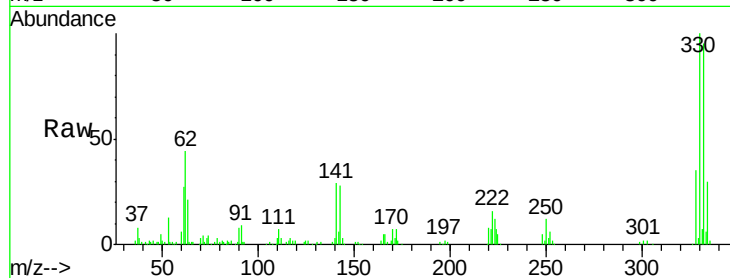




#41
 2,4,6-Tribromophenol
 Concen: 59.961 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096688.D
 Acq: 12 Jul 2017 13:36

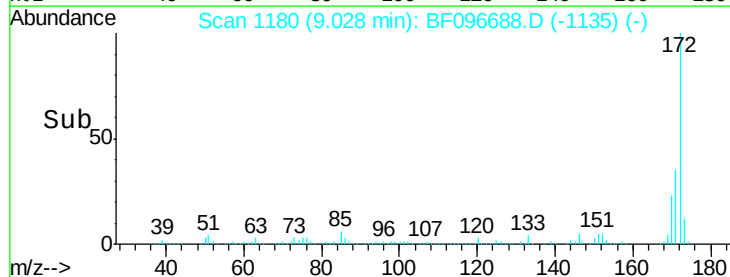
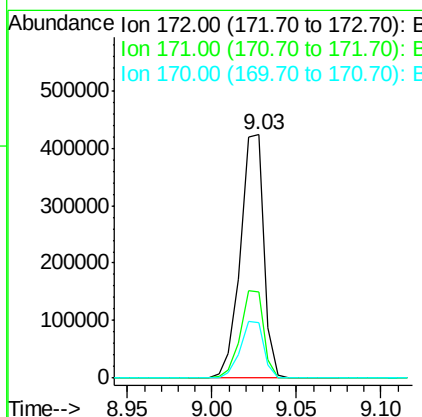
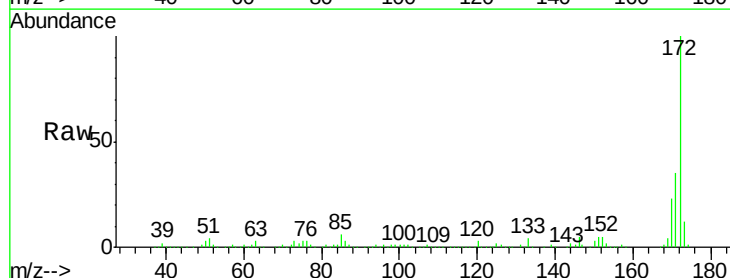
Instrument :
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 ClientSampleId :
 EO-03-070717-BRE

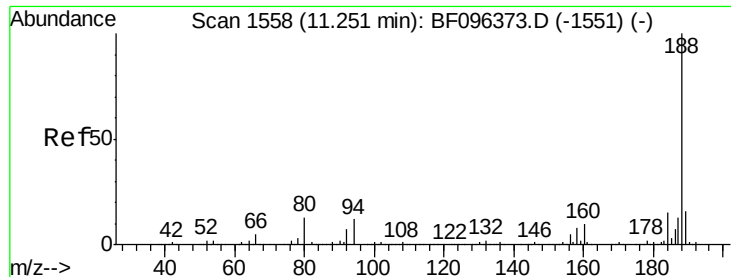
Tgt Ion:330 Resp: 92079
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 39.0 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 35.680 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096688.D
 Acq: 12 Jul 2017 13:36

Tgt Ion:172 Resp: 410257
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 22.9 19.8 29.8

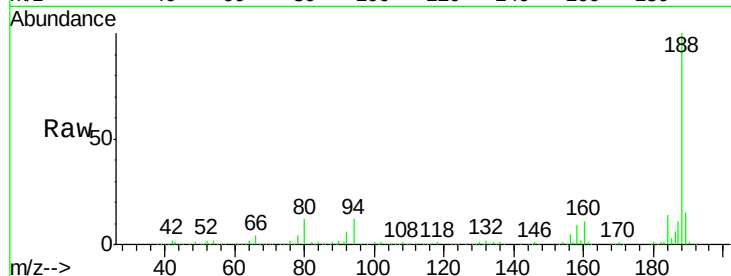




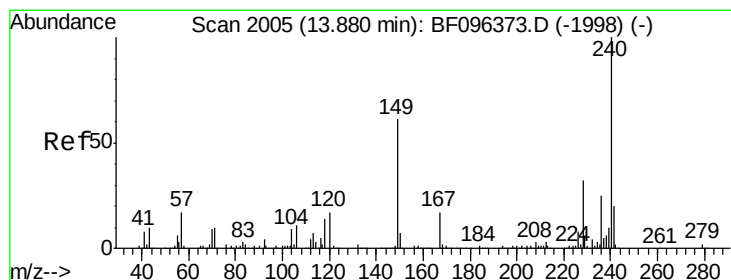
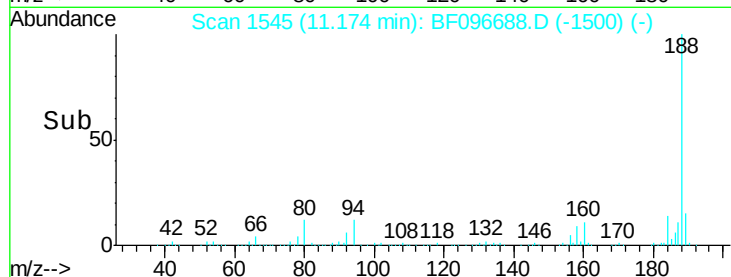
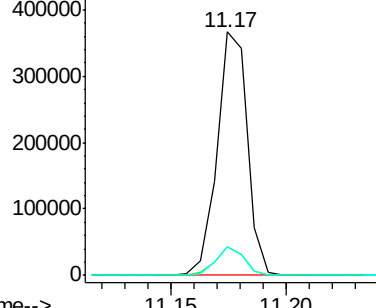
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.04 min
Lab File: BF096688.D
Acq: 12 Jul 2017 13:36

Instrument :
BNA_F
ClientSampleId :
EO-03-070717-BRE

Tgt Ion:188 Resp: 336082
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 12.0 10.2 15.2

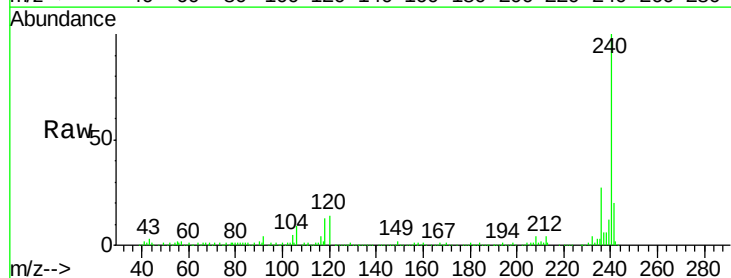


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

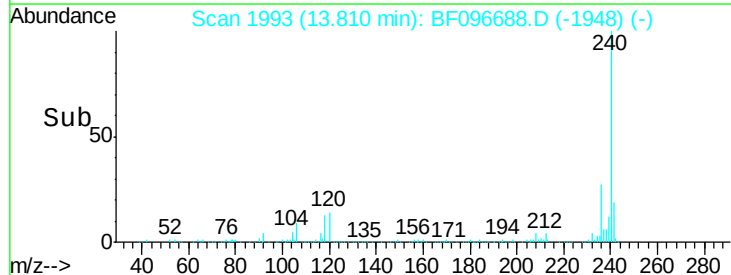
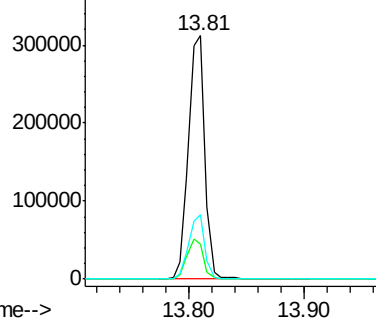


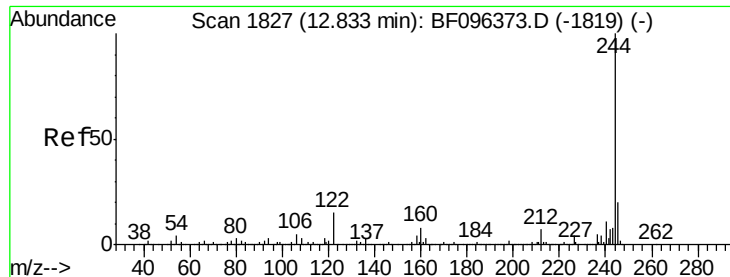
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.04 min
Lab File: BF096688.D
Acq: 12 Jul 2017 13:36

Tgt Ion:240 Resp: 309963
Ion Ratio Lower Upper
240 100
120 14.3 5.8 8.8#
236 26.7 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: 30.469 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.04 min

Lab File: BF096688.D

Acq: 12 Jul 2017 13:36

Instrument :

BNA_F

ClientSampleId :

EO-03-070717-BRE

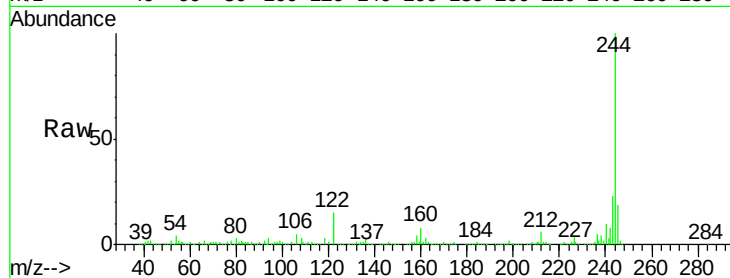
Tgt Ion:244 Resp: 441975

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

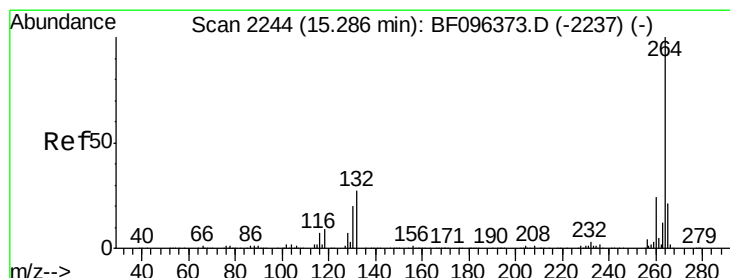
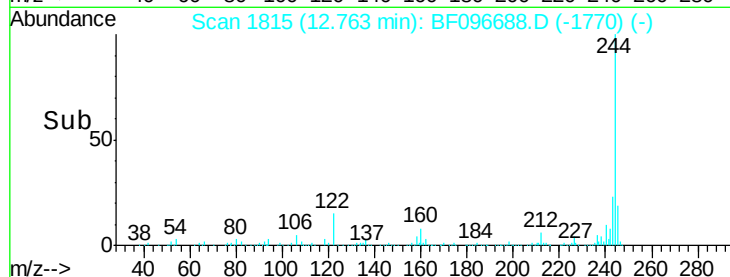
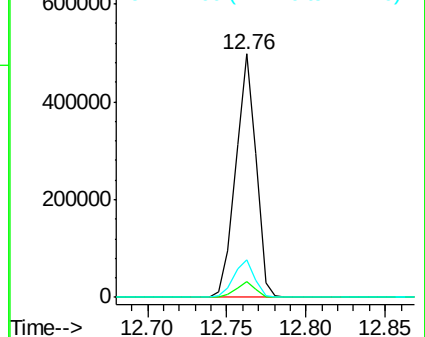
122 15.2 10.3 15.5



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: 15.20 min Scan# 2229

Delta R.T. -0.05 min

Lab File: BF096688.D

Acq: 12 Jul 2017 13:36

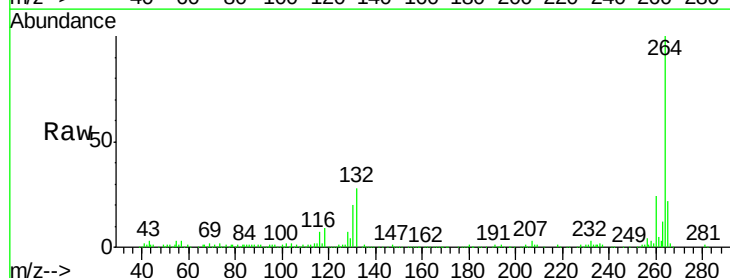
Tgt Ion:264 Resp: 219584

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.7 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

