

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099972.D
 Acq On : 30 Oct 2017 20:46
 Operator : SJ/JU
 Sample : I6171-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-B

Quant Time: Oct 31 03:58:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	101688	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	408408	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	181204	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	287572	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	186263	20.00	ng	-0.01
86) Perylene-d12	15.47	264	163830	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	815664	125.93	ng	0.01
7) Phenol-d6	6.44	99	901034	117.32	ng	0.00
23) Nitrobenzene-d5	7.36	82	573450	90.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	210663	127.57	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1171799	99.77	ng	-0.01
78) Terphenyl-d14	12.91	244	847717	99.46	ng	-0.01

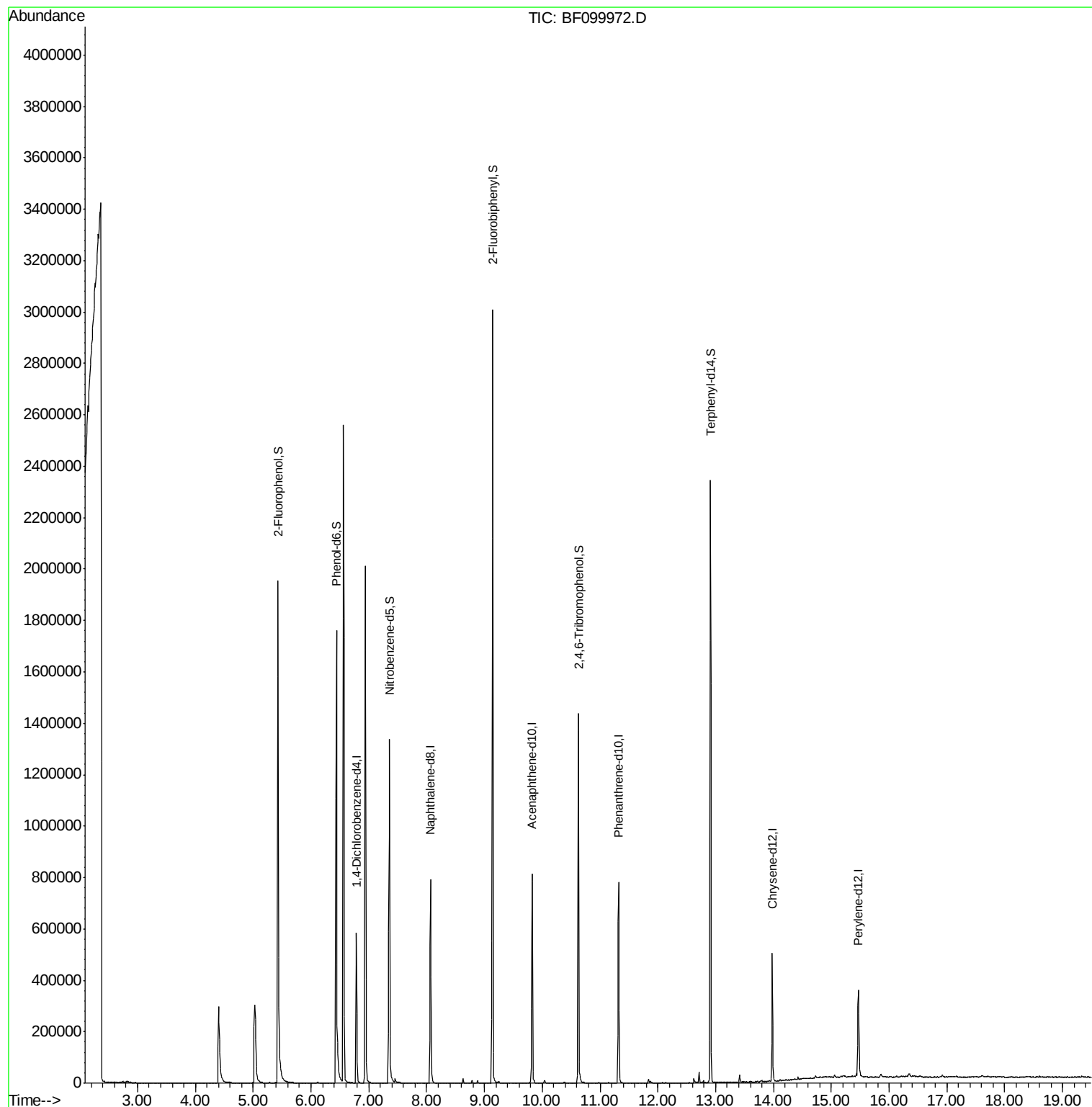
Target Compounds Qvalue

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

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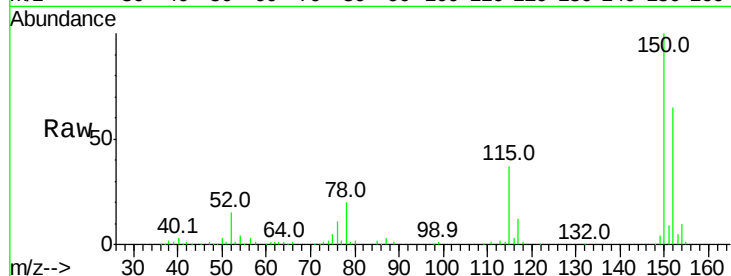


#1

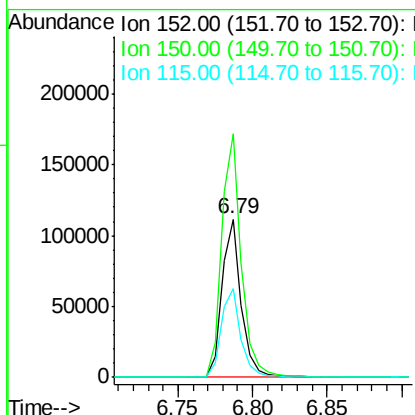
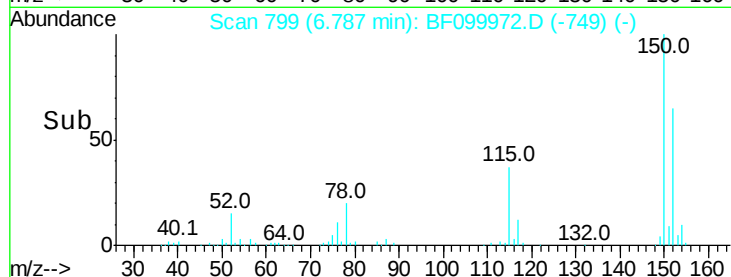
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099972.D
 Acq: 30 Oct 2017 20:46

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-B

Tot Ion:152 Resp: 101688
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.6 186.8
 115 56.4 50.1 75.1



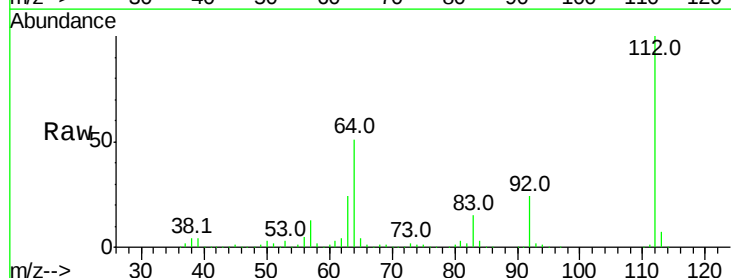
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



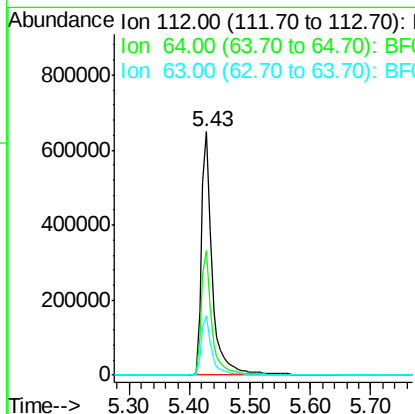
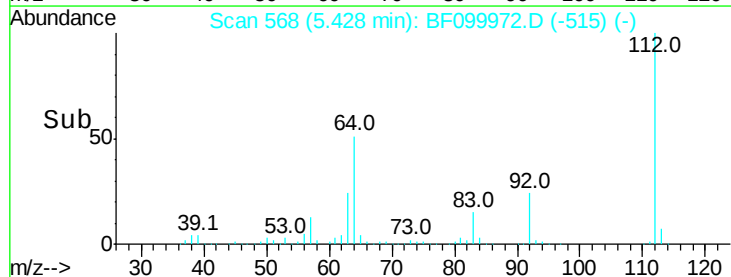
#5

2-Fluorophenol
 Concen: 125.931 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF099972.D
 Acq: 30 Oct 2017 20:46

Tgt Ion:112 Resp: 815664
 Ion Ratio Lower Upper
 112 100
 64 51.3 47.9 71.9
 63 24.3 23.7 35.5



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: 117.322 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF099972.D

Acq: 30 Oct 2017 20:46

Instrument :

BNA_F

ClientSampleId :

CL-01-102617-B

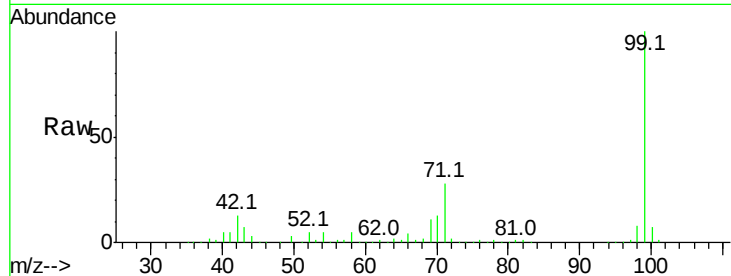
Tot Ion: 99 Resp: 901034

Ion Ratio Lower Upper

99 100

42 13.0 14.5 21.7#

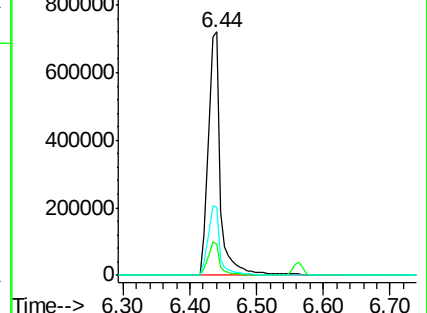
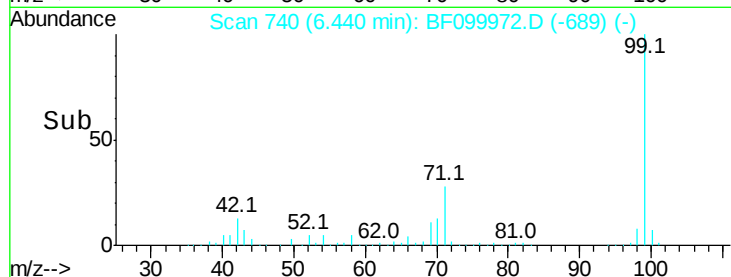
71 28.1 25.4 38.0



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: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099972.D

Acq: 30 Oct 2017 20:46

Tgt Ion: 136 Resp: 408408

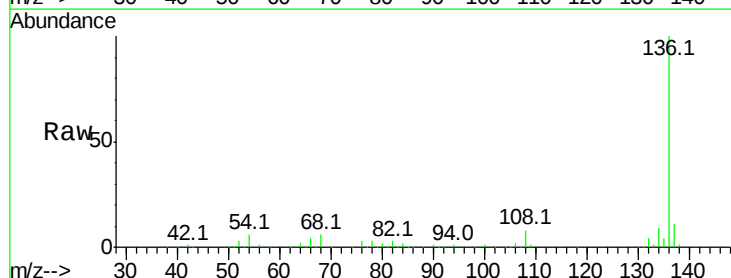
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.2 6.6 9.8#

68 5.6 5.0 7.4

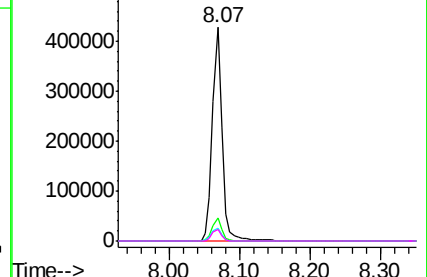
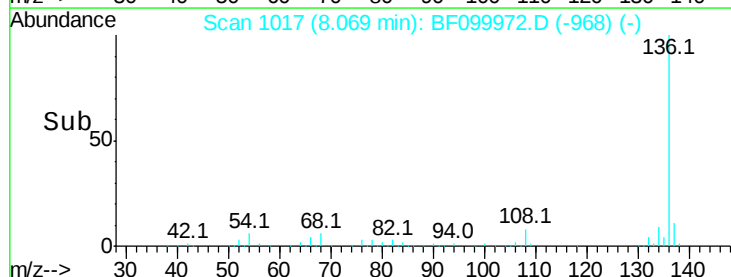


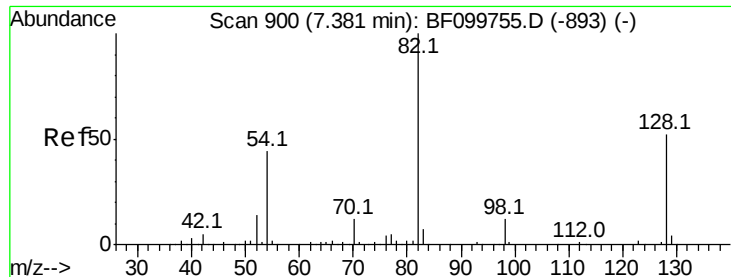
Abundance Ion 136.00 (135.70 to 136.70): E

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

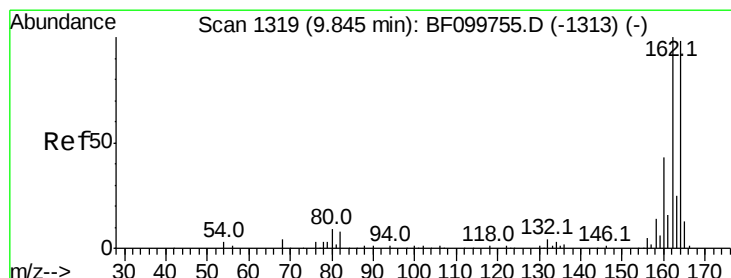
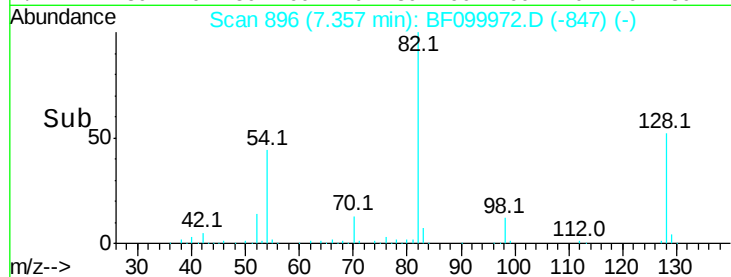
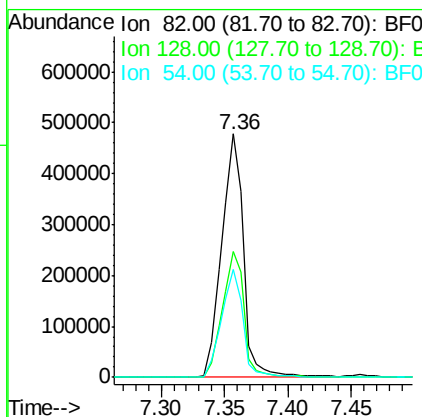
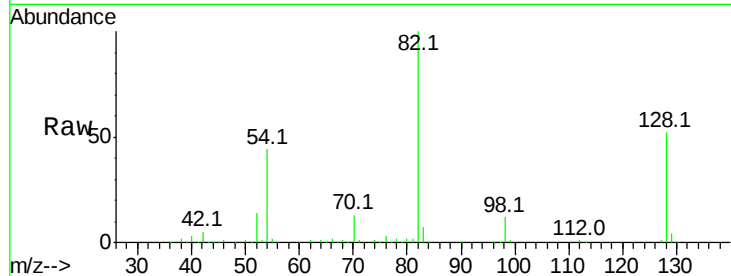




#23
 Nitrobenzene-d5
 Concen: 90.397 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099972.D
 Acq: 30 Oct 2017 20:46

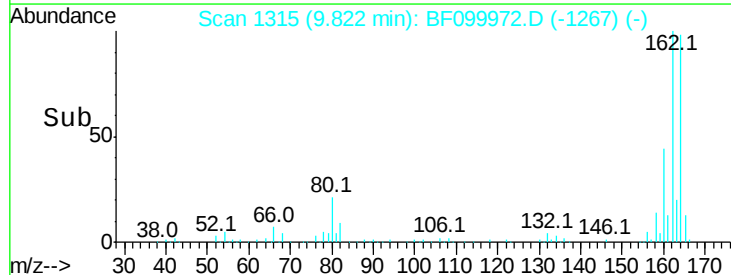
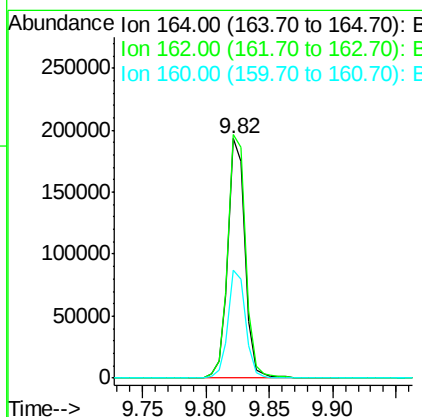
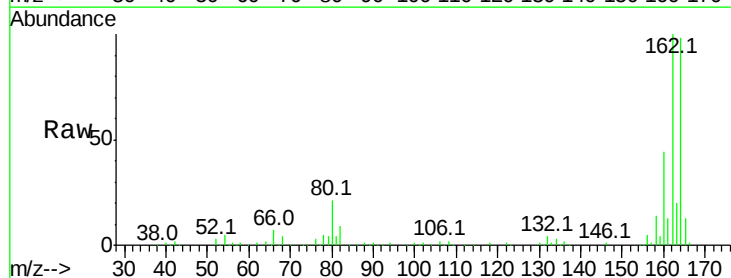
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-B

Tot Ion: 82 Resp: 573450
 Ion Ratio Lower Upper
 82 100
 128 51.6 36.1 54.1
 54 44.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF099972.D
 Acq: 30 Oct 2017 20:46

Tgt Ion:164 Resp: 181204
 Ion Ratio Lower Upper
 164 100
 162 101.8 86.1 129.1
 160 45.0 38.3 57.5

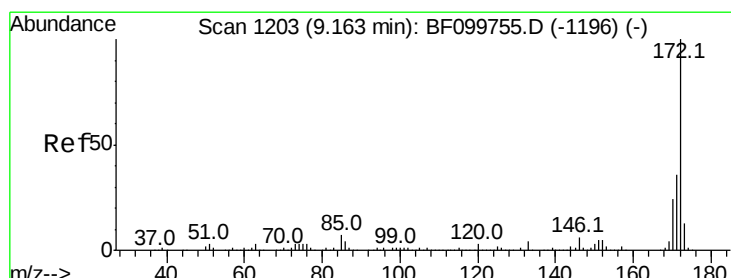
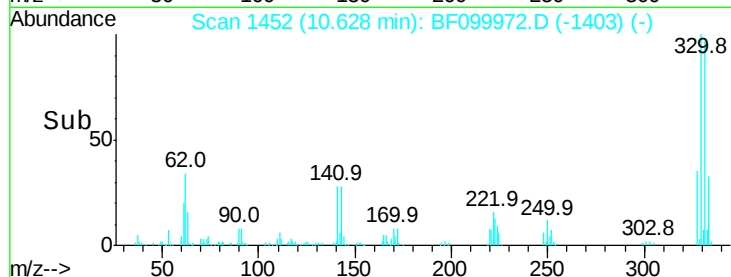
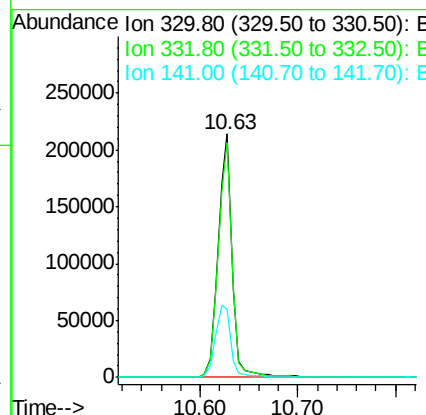
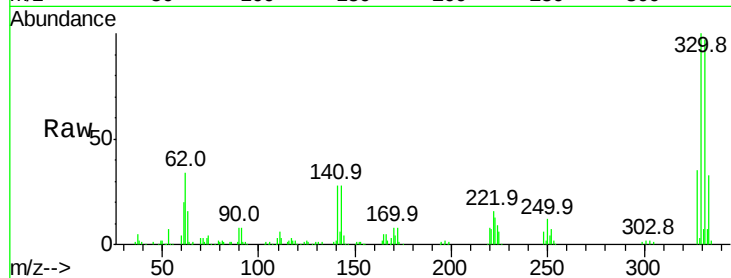




#41
 2,4,6-Tribromophenol
 Concen: 127.571 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF099972.D
 Acq: 30 Oct 2017 20:46

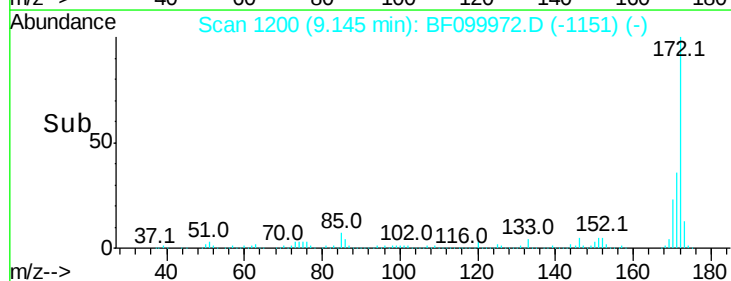
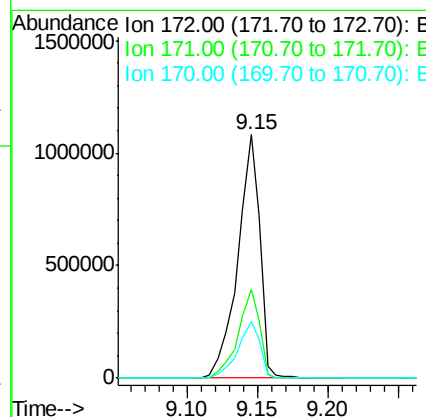
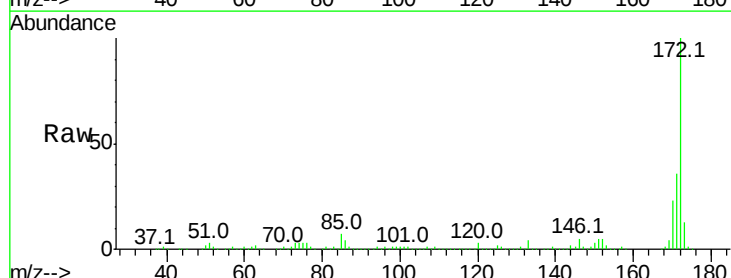
Instrument :
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 ClientSampleId :
 CL-01-102617-B

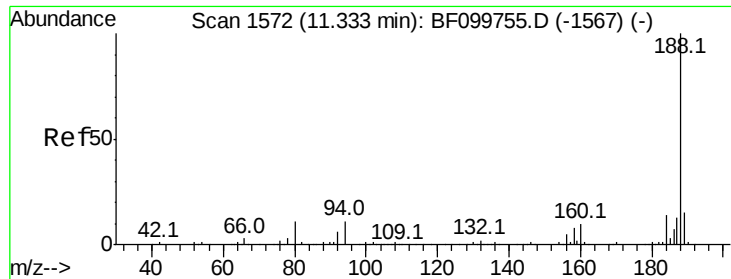
Tot Ion:330 Resp: 210663
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 33.2 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 99.771 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099972.D
 Acq: 30 Oct 2017 20:46

Tgt Ion:172 Resp: 1171799
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.2 19.6 29.4

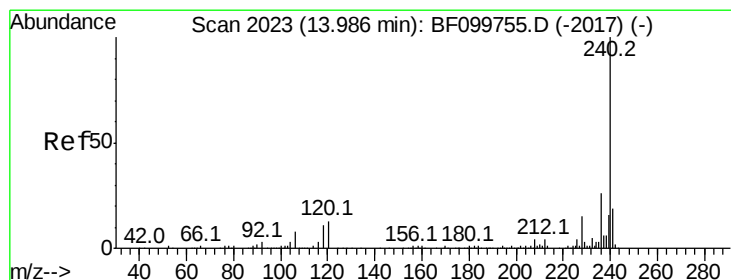
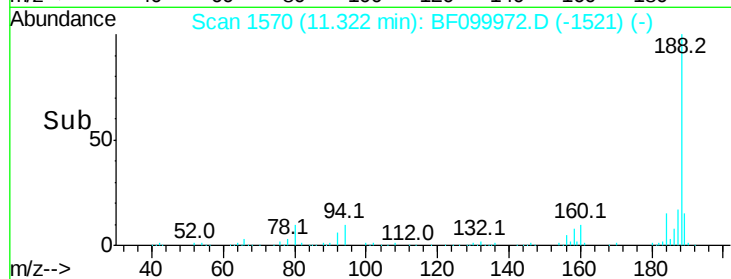
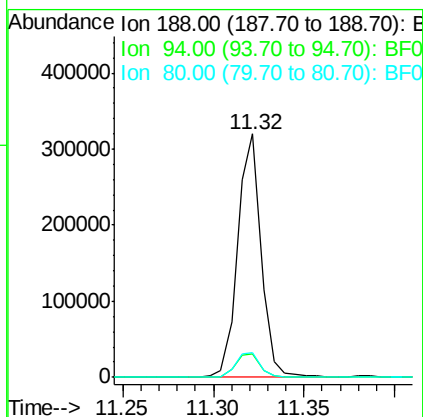
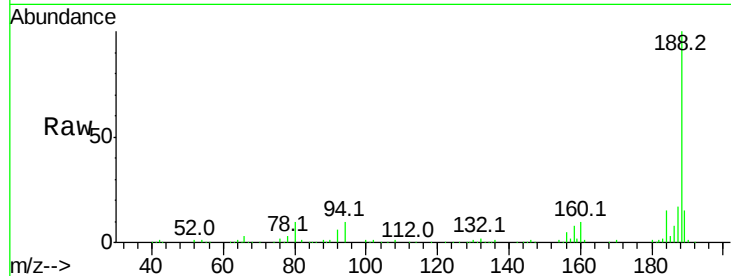




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF099972.D
Acq: 30 Oct 2017 20:46

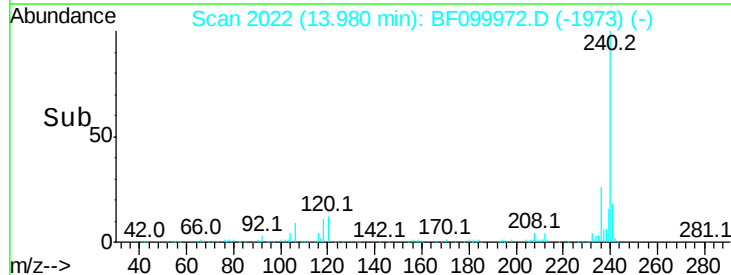
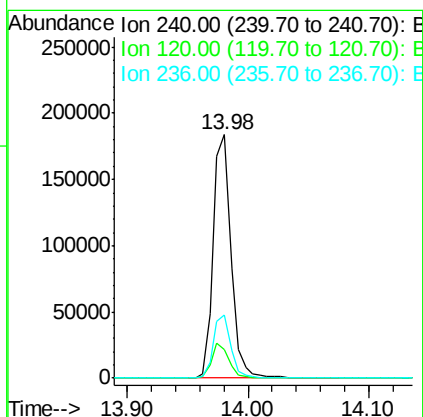
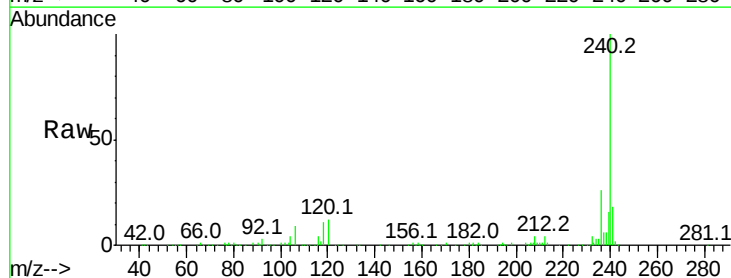
Instrument :
BNA_F
ClientSampleId :
CL-01-102617-B

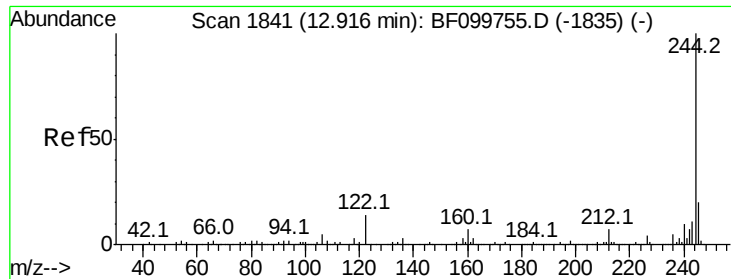
Tot Ion:188 Resp: 287572
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099972.D
Acq: 30 Oct 2017 20:46

Tgt Ion:240 Resp: 186263
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 25.8 20.7 31.1

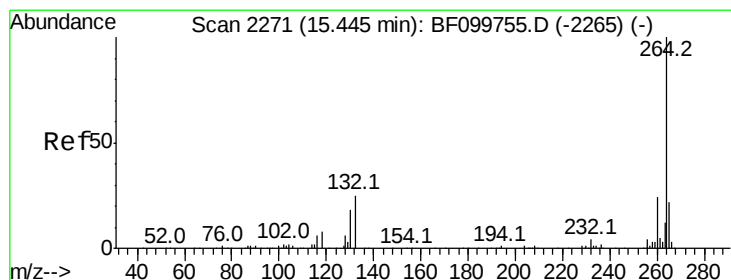
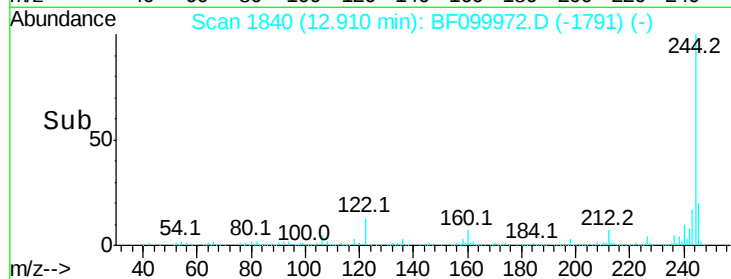
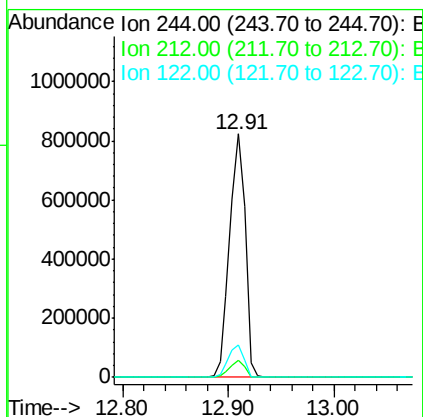
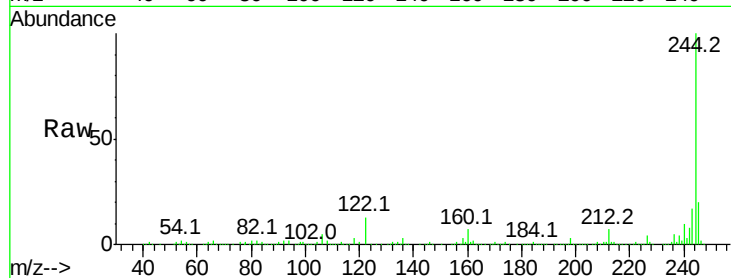




#78
 Terphenyl-d14
 Concen: 99.460 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF099972.D
 Acq: 30 Oct 2017 20:46

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-B

Tot Ion:244 Resp: 847717
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.01 min
 Lab File: BF099972.D
 Acq: 30 Oct 2017 20:46

Tgt Ion:264 Resp: 163830
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.3 17.5 26.3

