

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099971.D
 Acq On : 30 Oct 2017 20:20
 Operator : SJ/JU
 Sample : I6171-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Oct 31 03:57:09 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	100732	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	408482	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	175148	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	281577	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	189517	20.00	ng	-0.01
86) Perylene-d12	15.47	264	164994	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	851220	132.67	ng	0.01
7) Phenol-d6	6.43	99	945191	124.24	ng	0.00
23) Nitrobenzene-d5	7.36	82	600843	94.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	220769	138.31	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1229465	108.30	ng	-0.01
78) Terphenyl-d14	12.91	244	875702	100.98	ng	-0.01

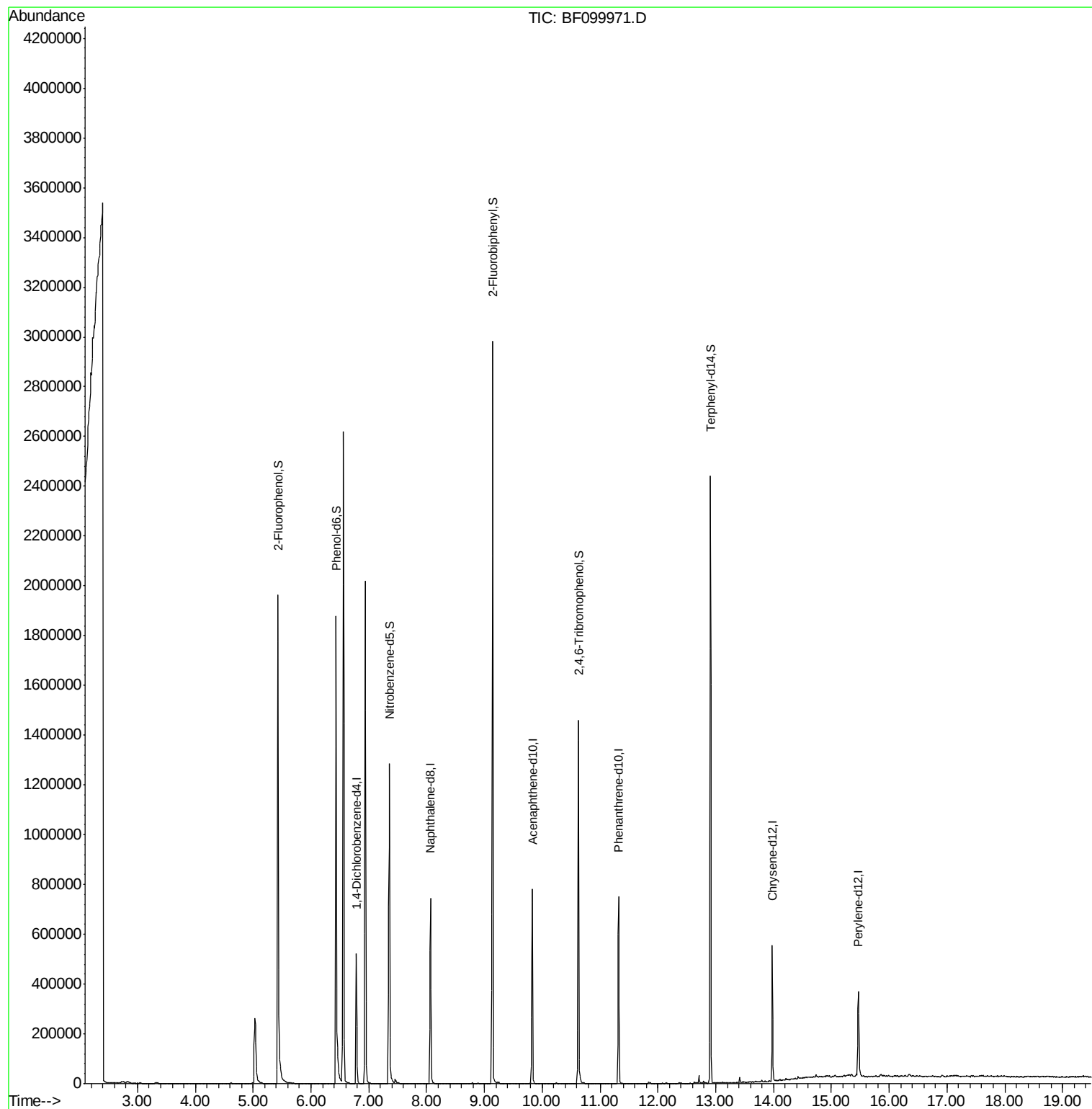
Target Compounds Qvalue

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

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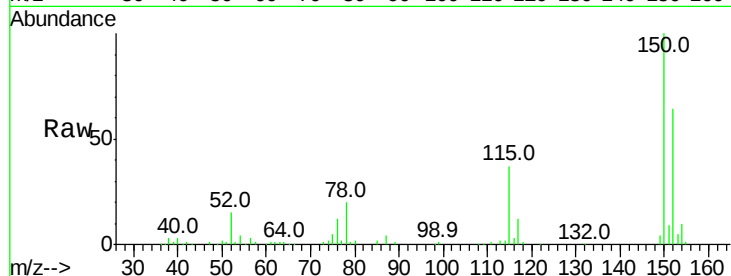


#1

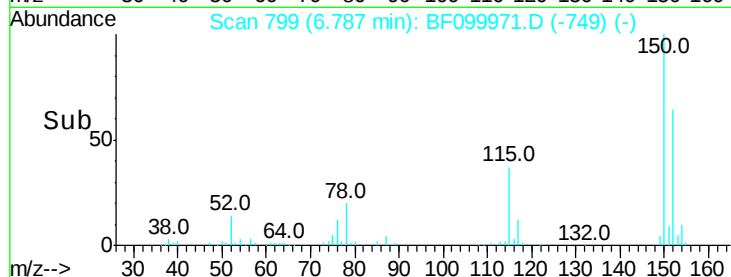
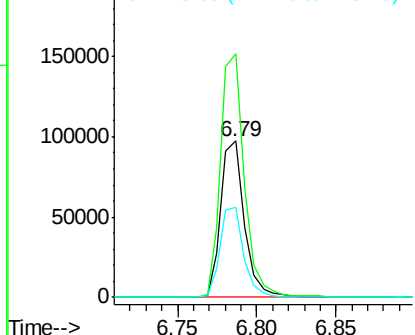
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099971.D
Acq: 30 Oct 2017 20:20

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

Tot Ion:152 Resp: 100732
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 57.5 50.1 75.1



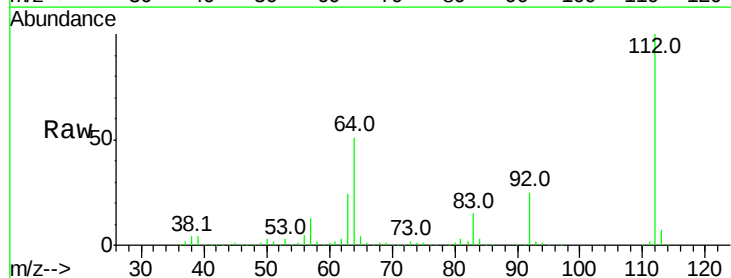
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



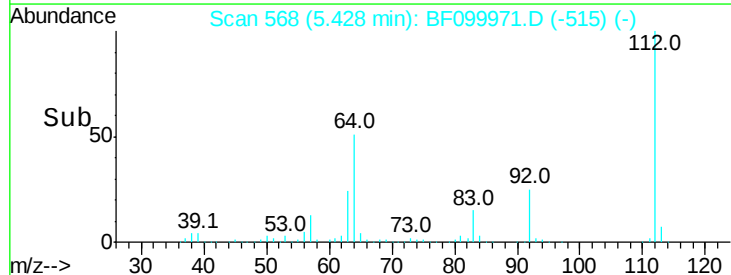
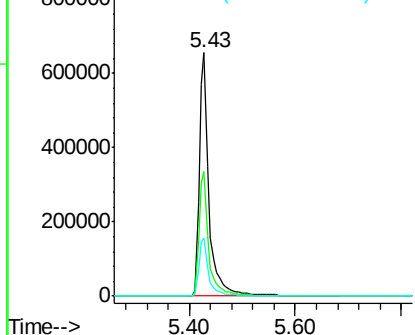
#5

2-Fluorophenol
Concen: 132.668 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099971.D
Acq: 30 Oct 2017 20:20

Tgt Ion:112 Resp: 851220
Ion Ratio Lower Upper
112 100
64 50.9 47.9 71.9
63 24.0 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: 124.240 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099971.D

Acq: 30 Oct 2017 20:20

Instrument :

BNA_F

ClientSampleId :

CL-01-102617-A

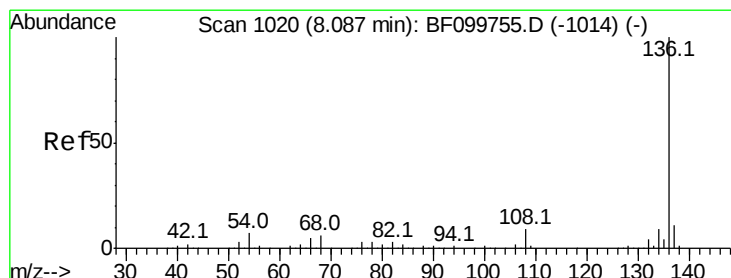
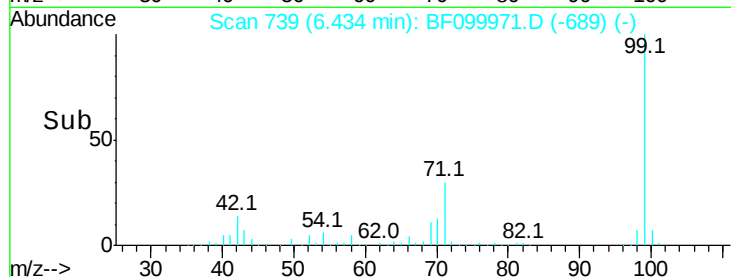
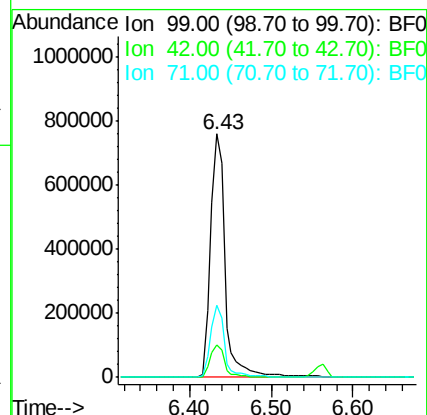
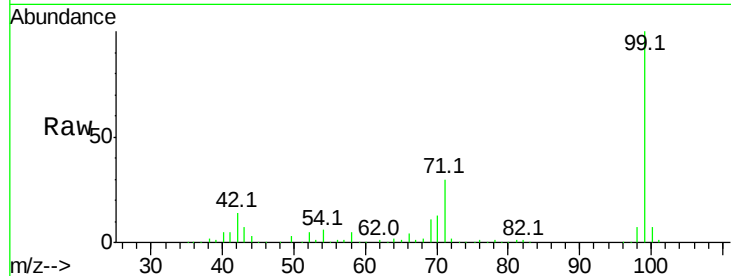
Tot Ion: 99 Resp: 945191

Ion Ratio Lower Upper

99 100

42 13.6 14.5 21.7#

71 29.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099971.D

Acq: 30 Oct 2017 20:20

Tgt Ion: 136 Resp: 408482

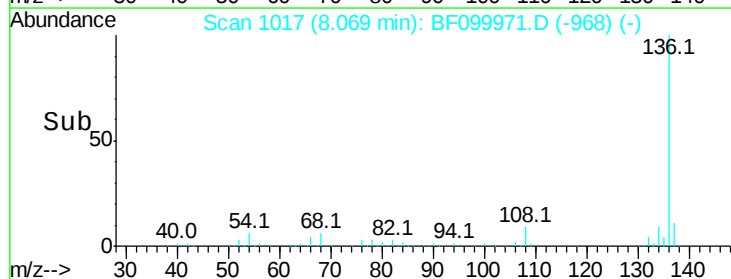
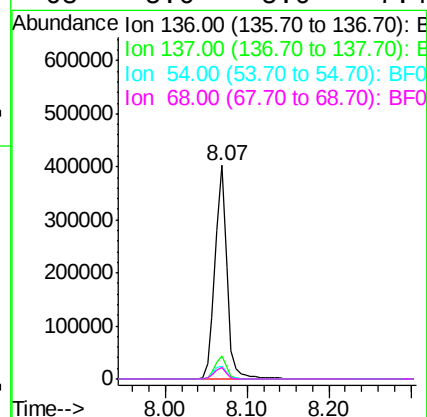
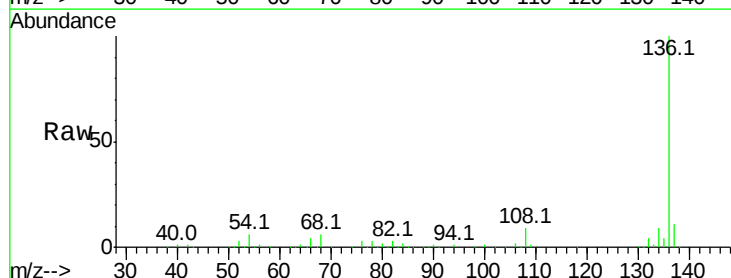
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.2 6.6 9.8#

68 5.6 5.0 7.4

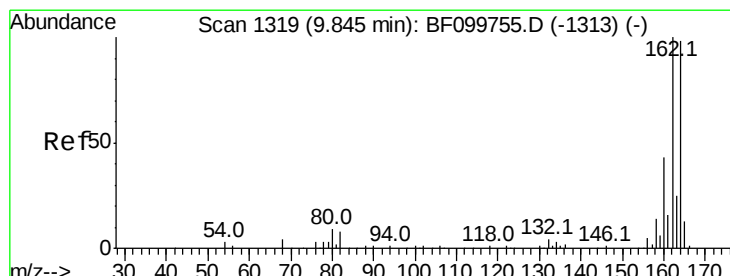
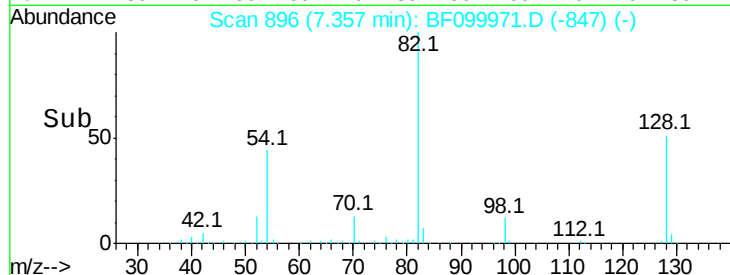
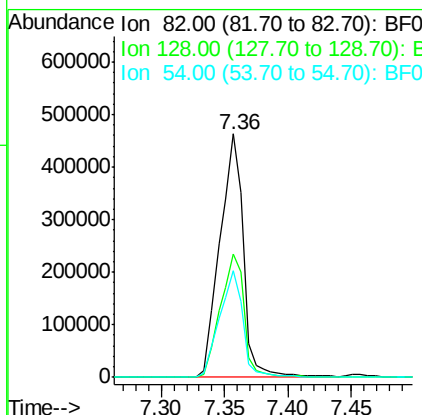
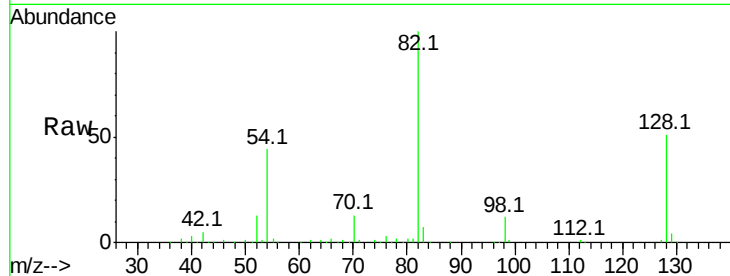




#23
 Nitrobenzene-d5
 Concen: 94.698 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099971.D
 Acq: 30 Oct 2017 20:20

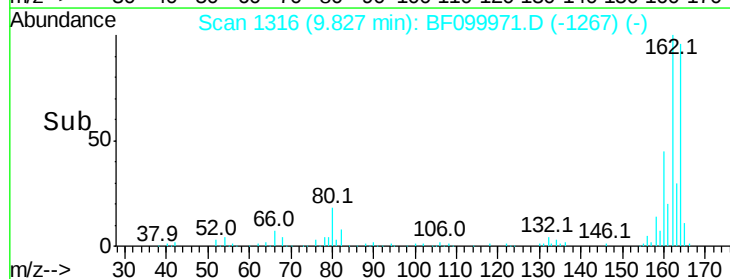
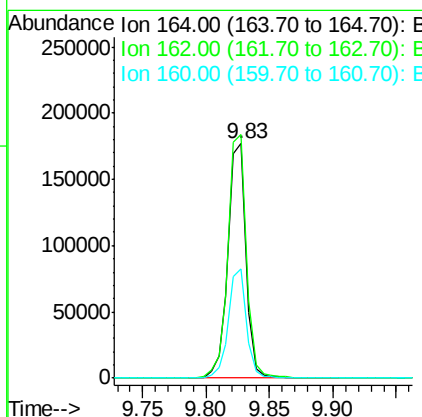
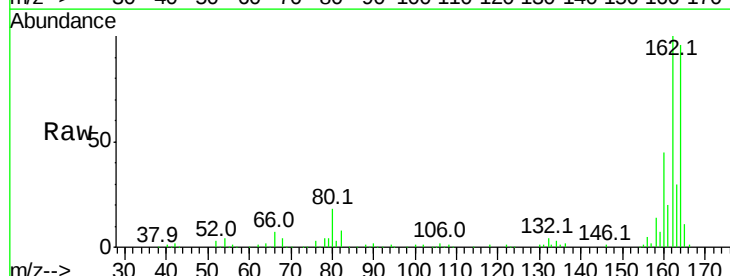
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-A

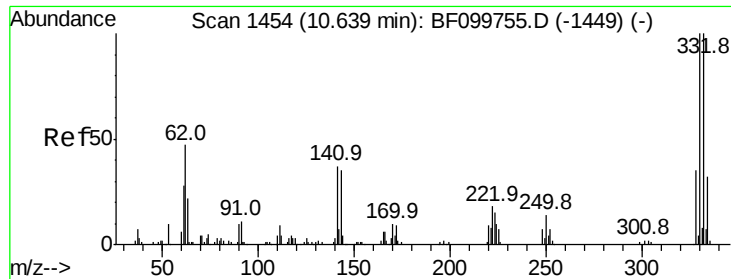
Tot Ion: 82 Resp: 600843
 Ion Ratio Lower Upper
 82 100
 128 50.9 36.1 54.1
 54 43.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF099971.D
 Acq: 30 Oct 2017 20:20

Tgt Ion: 164 Resp: 175148
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 46.5 38.3 57.5

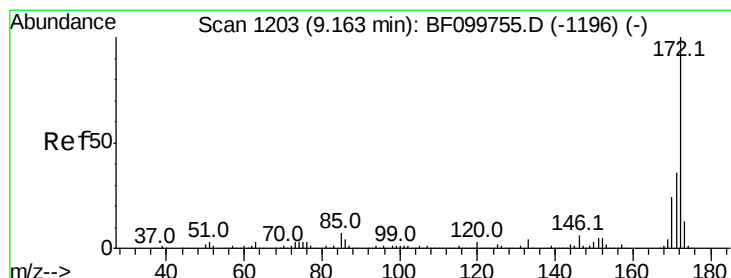
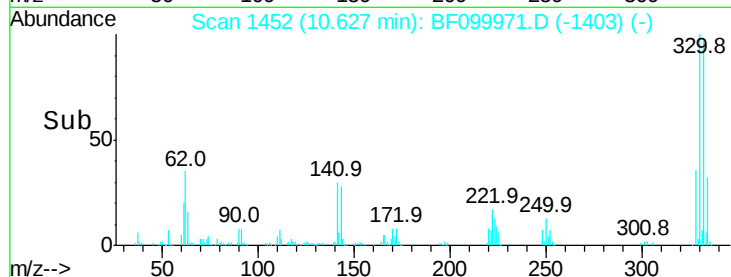
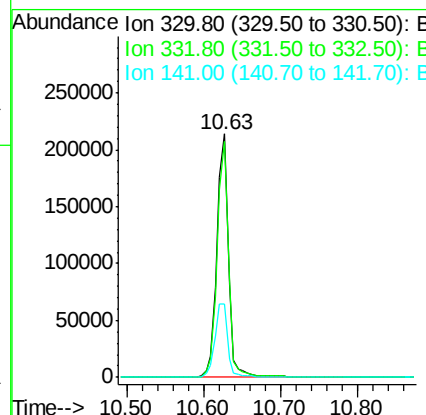
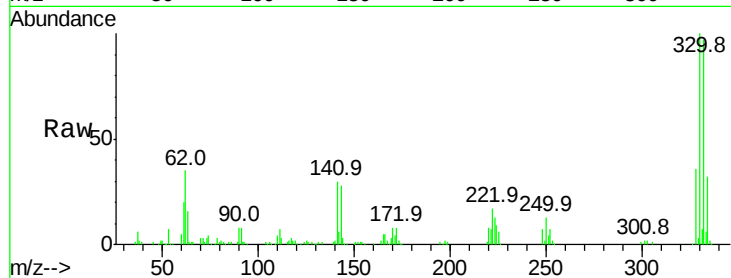




#41
 2,4,6-Tribromophenol
 Concen: 138.313 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF099971.D
 Acq: 30 Oct 2017 20:20

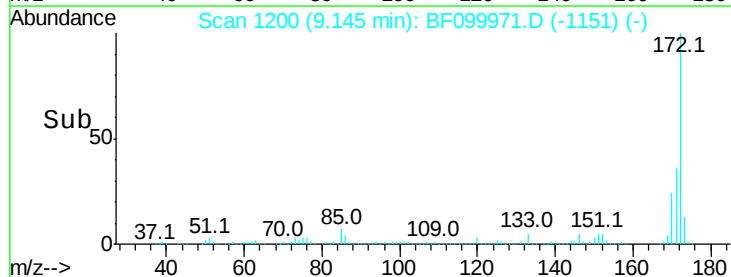
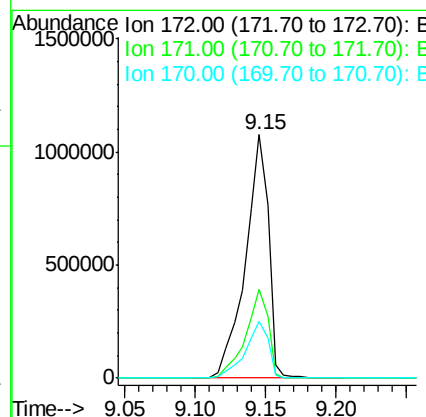
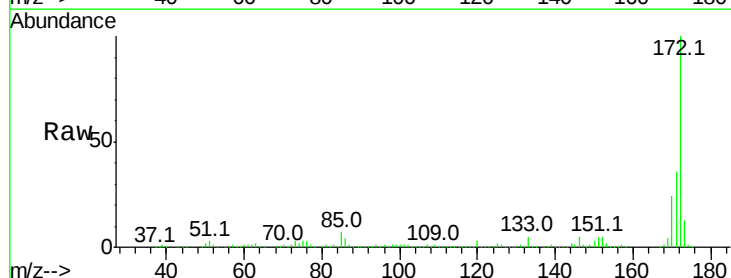
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-A

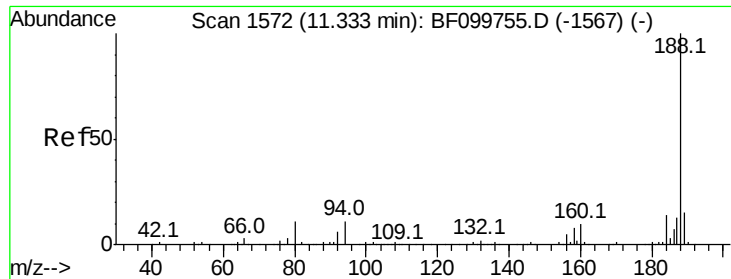
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	33.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 108.301 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099971.D
 Acq: 30 Oct 2017 20:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.5	19.6	29.4

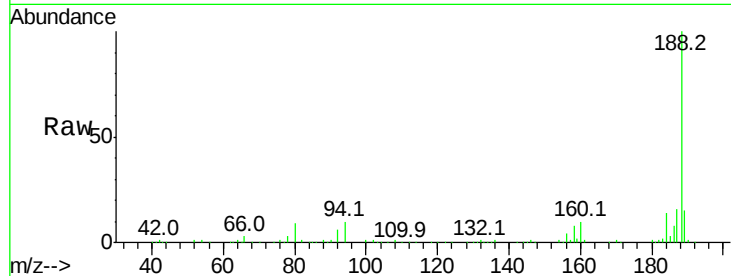




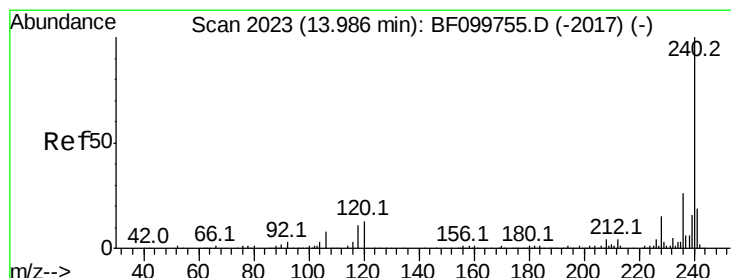
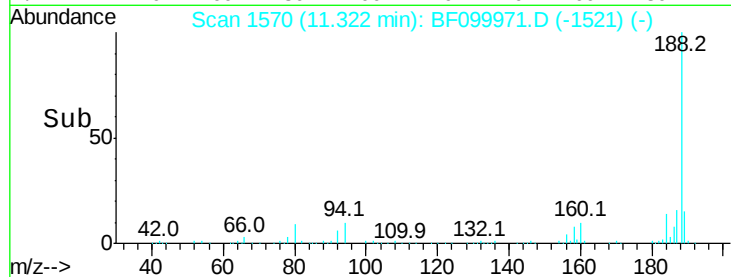
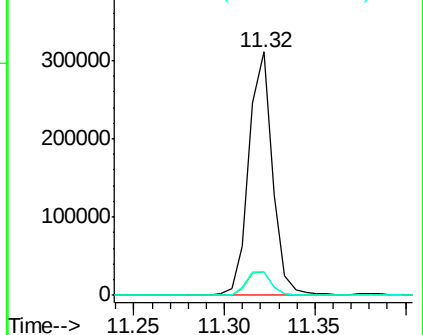
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF099971.D
Acq: 30 Oct 2017 20:20

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

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	9.4	9.2	13.8

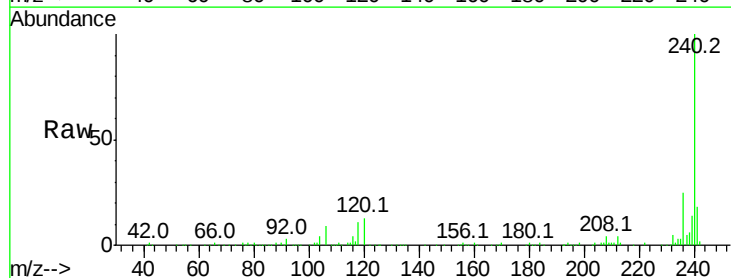


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

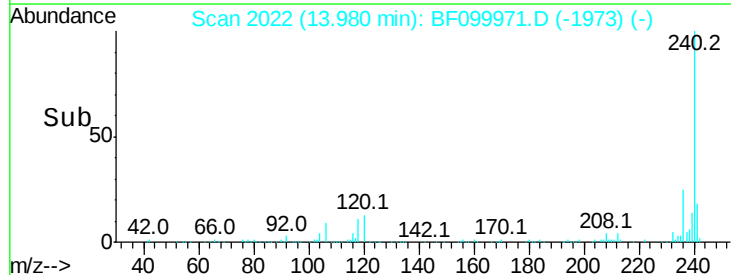
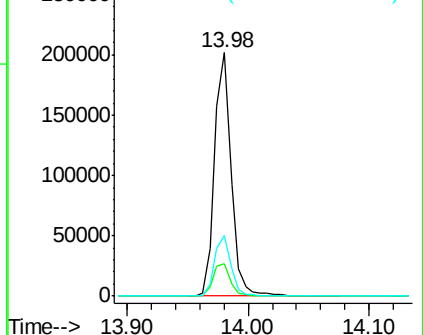


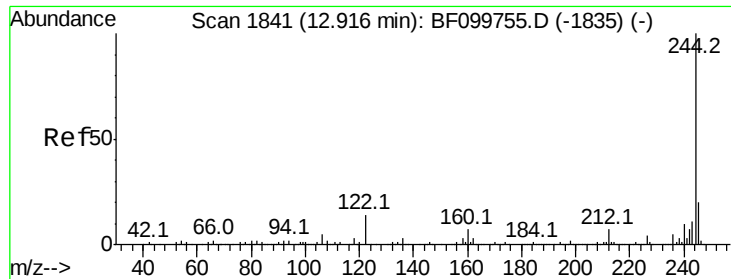
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099971.D
Acq: 30 Oct 2017 20:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	24.8	20.7	31.1



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

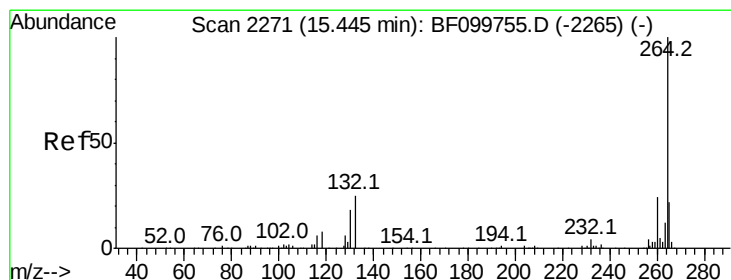
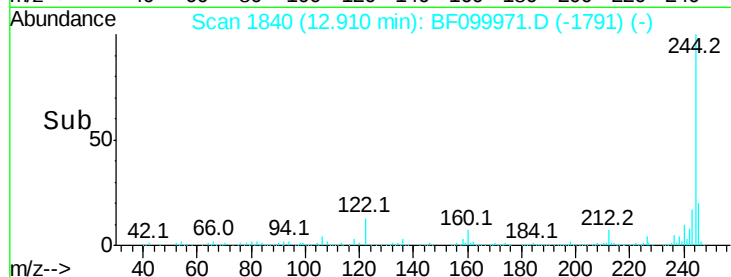
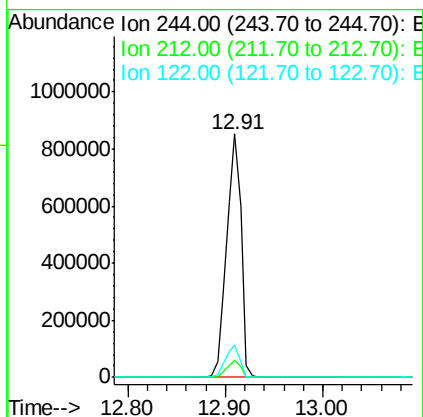
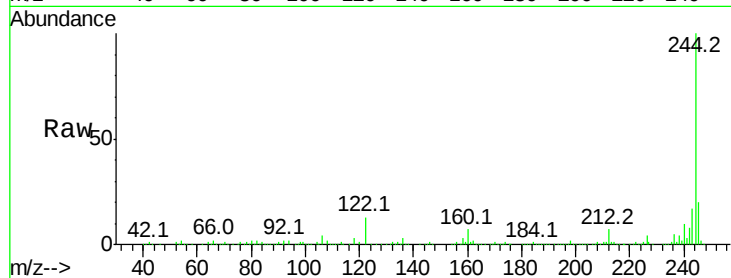




#78
 Terphenyl-d14
 Concen: 100.980 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF099971.D
 Acq: 30 Oct 2017 20:20

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

Tot Ion:244 Resp: 875702
 Ion Ratio Lower Upper
 244 100
 212 7.0 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: BF099971.D
 Acq: 30 Oct 2017 20:20

Tgt Ion:264 Resp: 164994
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.6 17.5 26.3

