

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099957.D
 Acq On : 30 Oct 2017 14:17
 Operator : SJ/JU
 Sample : I6084-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102117-TIDO-F-D-B

Quant Time: Oct 30 16:39:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 16:10:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	90731	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	378090	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	189063	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	358063	20.00	ng	0.00
75) Chrysene-d12	13.97	240	280322	20.00	ng	0.00
86) Perylene-d12	15.46	264	197490	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	234640	40.60	ng	0.00
7) Phenol-d6	6.43	99	175541	25.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	528430	89.98	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	168528	97.81	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1078006	87.97	ng	0.00
78) Terphenyl-d14	12.91	244	1120307	87.34	ng	0.00

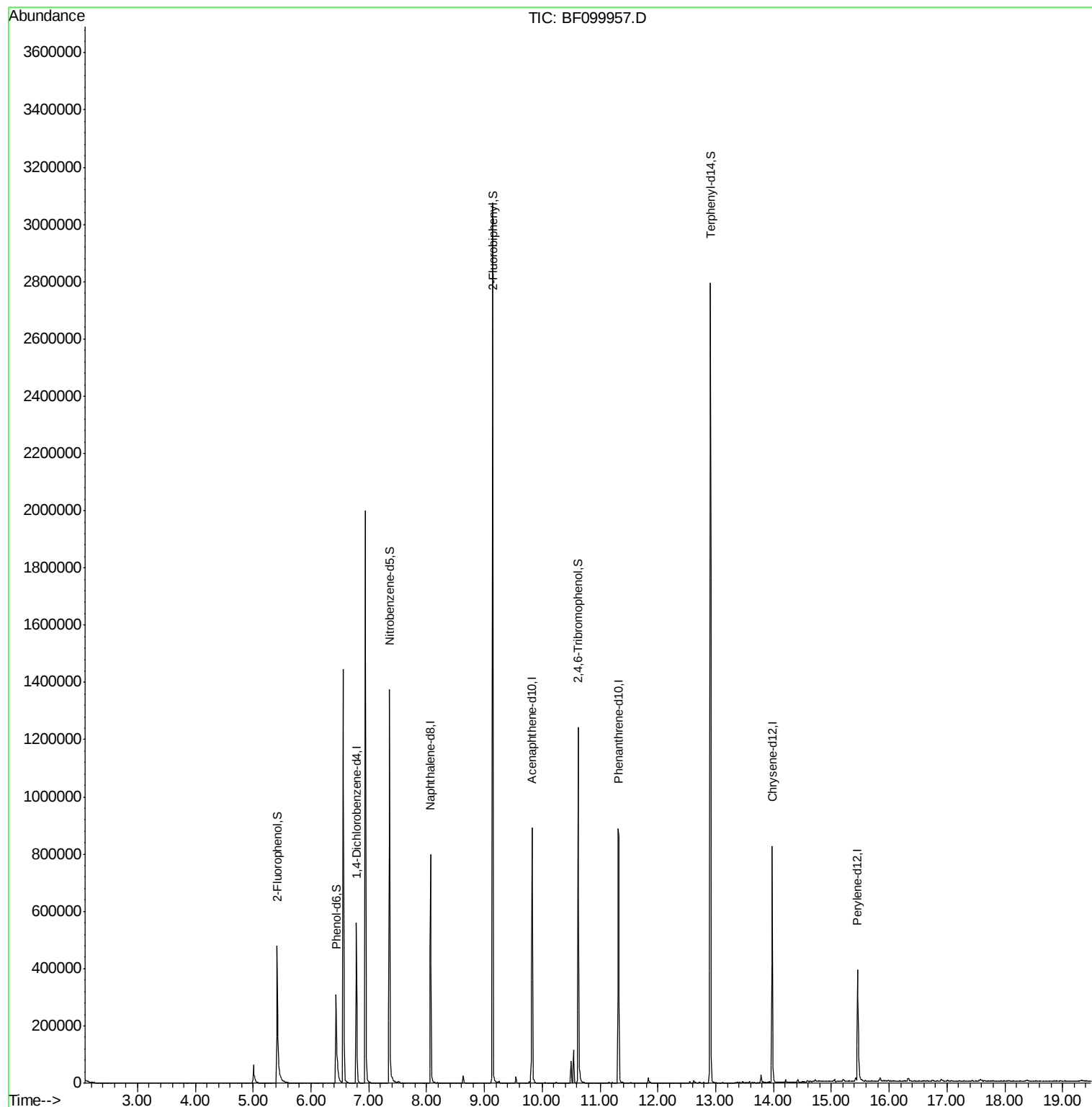
Target Compounds Qvalue

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

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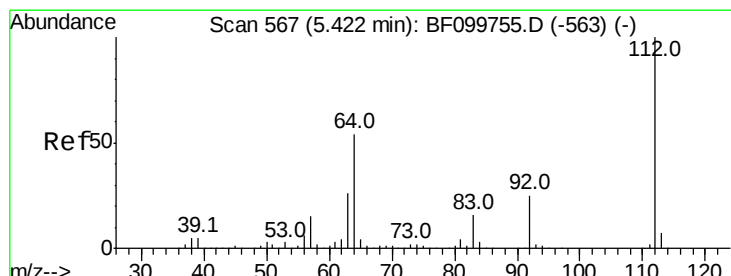
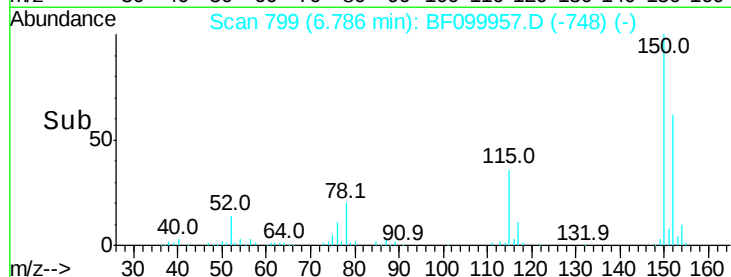
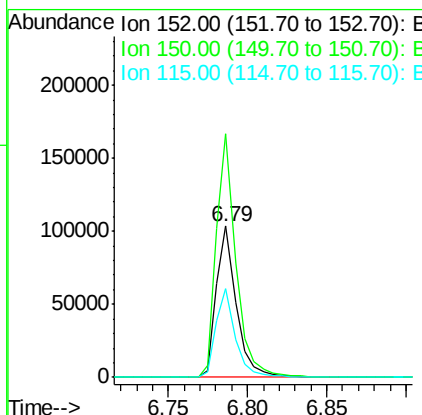
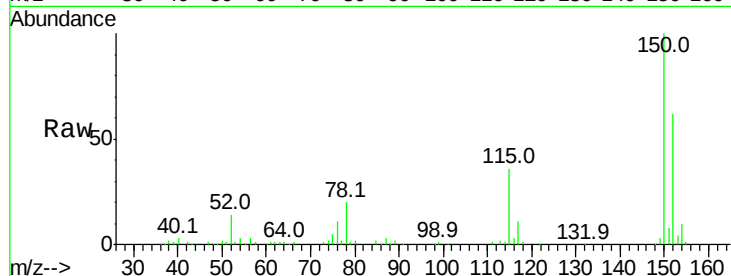


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF099957.D
 Acq: 30 Oct 2017 14:17

Instrument :
 BNA_F
 ClientSampleId :
 102117-TIDO-F-D-B

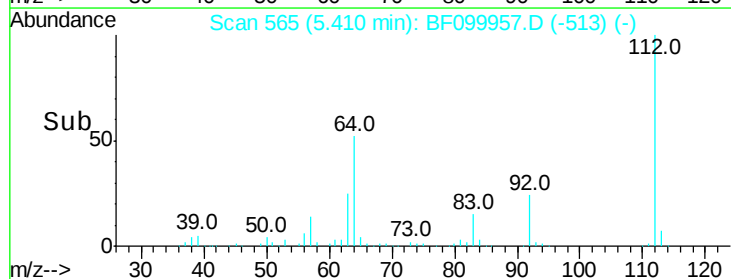
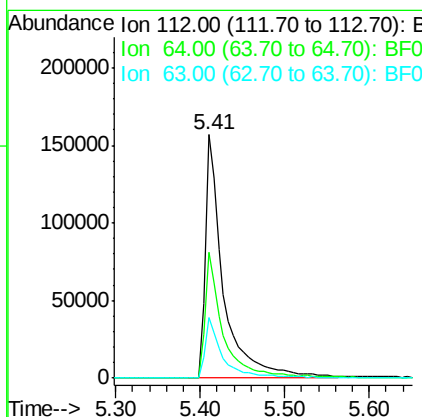
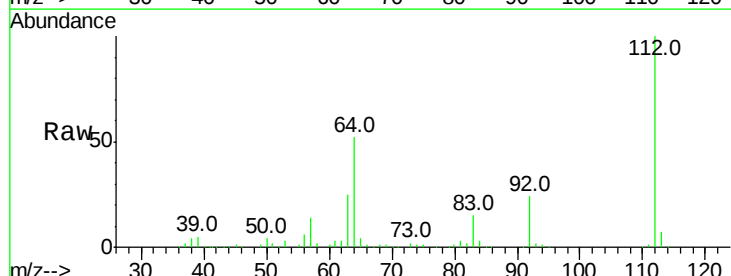
Tot Ion:152 Resp: 90731
 Ion Ratio Lower Upper
 152 100
 150 161.3 124.6 186.8
 115 58.4 50.1 75.1



#5

2-Fluorophenol
 Concen: 40.601 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF099957.D
 Acq: 30 Oct 2017 14:17

Tgt Ion:112 Resp: 234640
 Ion Ratio Lower Upper
 112 100
 64 51.8 47.9 71.9
 63 24.8 23.7 35.5





#7

Phenol-d6

Concen: 25.617 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF099957.D

Acq: 30 Oct 2017 14:17

Instrument :

BNA_F

ClientSampleId :

102117-TIDO-F-D-B

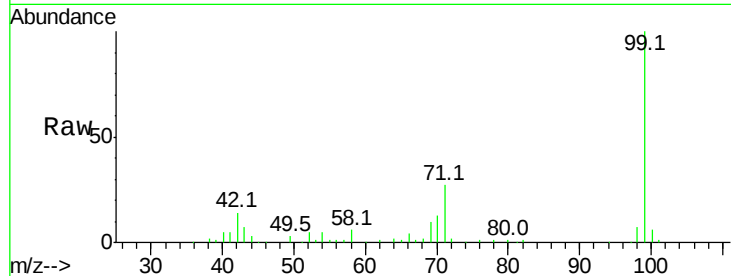
Tot Ion: 99 Resp: 175541

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

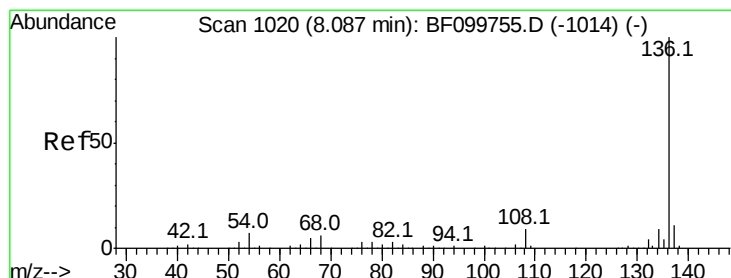
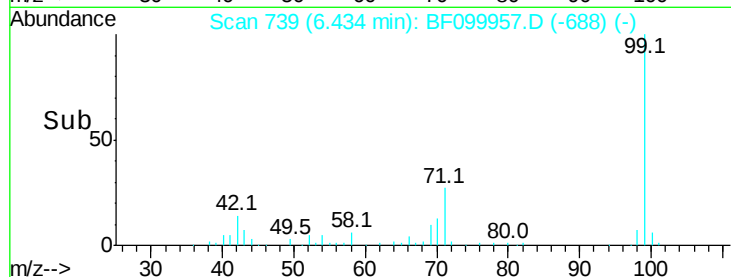
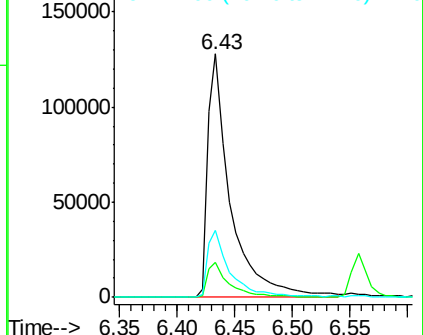
71 27.3 25.4 38.0



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. 0.00 min

Lab File: BF099957.D

Acq: 30 Oct 2017 14:17

Tgt Ion: 136 Resp: 378090

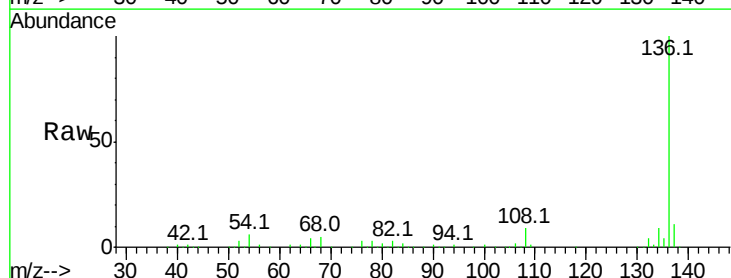
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.4 6.6 9.8#

68 5.5 5.0 7.4

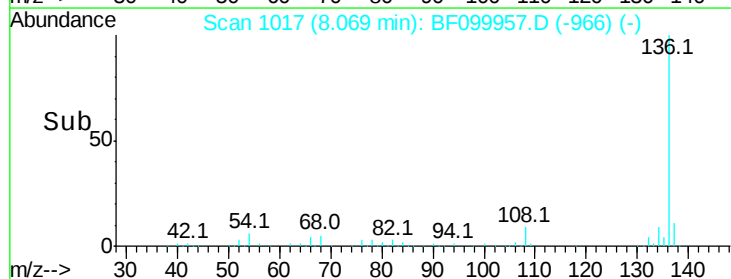
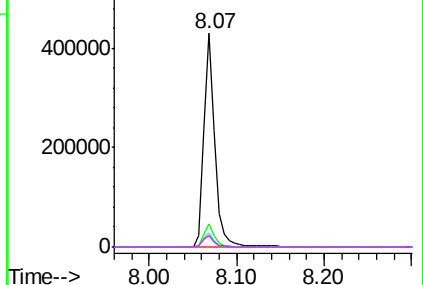


Abundance Ion 136.00 (135.70 to 136.70): E

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

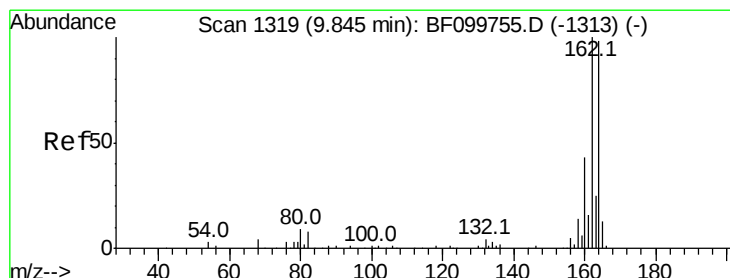
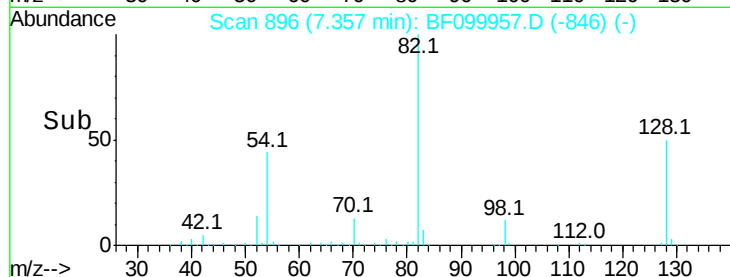
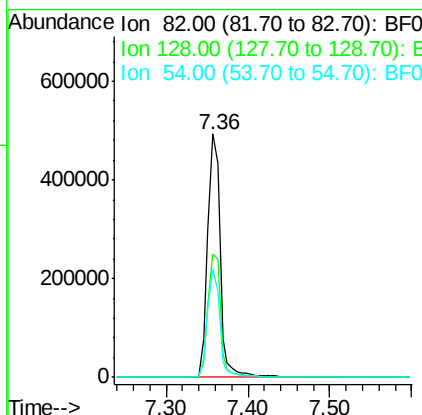
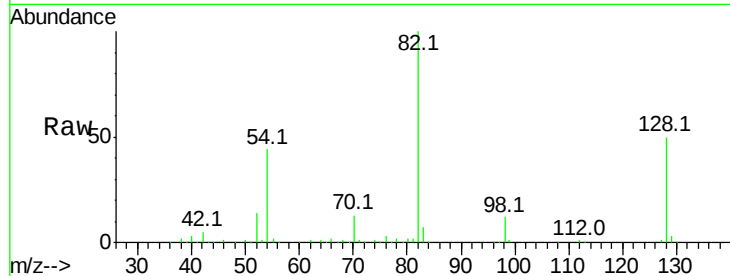




#23
Nitrobenzene-d5
Concen: 89.980 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099957.D
Acq: 30 Oct 2017 14:17

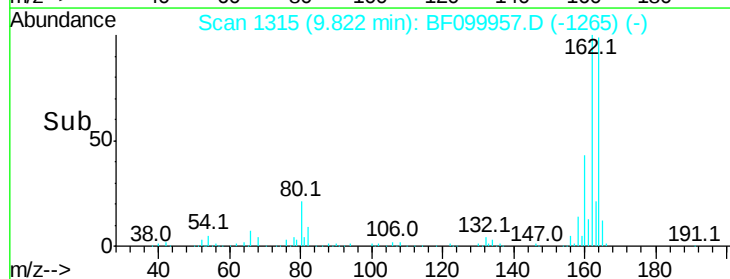
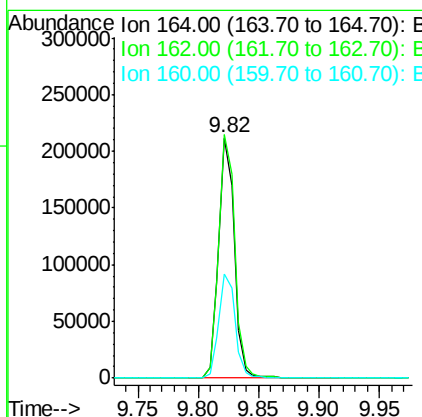
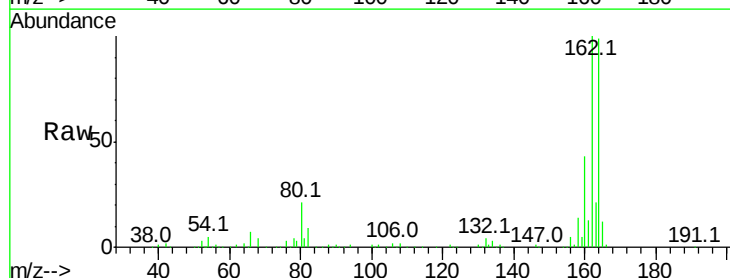
Instrument :
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ClientSampleId :
102117-TIDO-F-D-B

Tot Ion: 82 Resp: 528430
Ion Ratio Lower Upper
82 100
128 50.5 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. -0.01 min
Lab File: BF099957.D
Acq: 30 Oct 2017 14:17

Tgt Ion:164 Resp: 189063
Ion Ratio Lower Upper
164 100
162 101.5 86.1 129.1
160 43.4 38.3 57.5

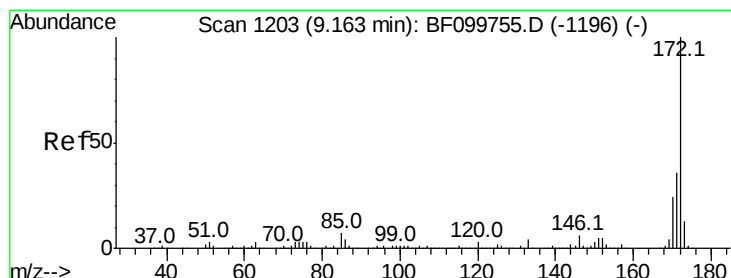
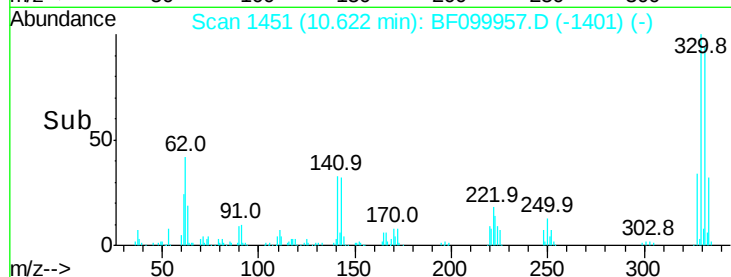
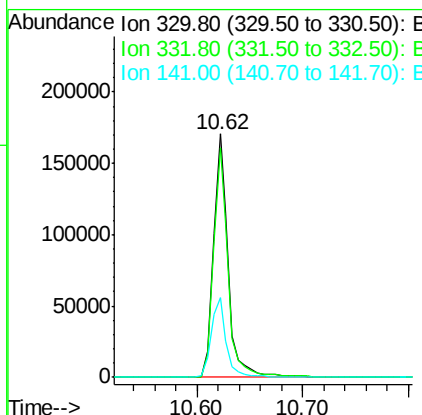
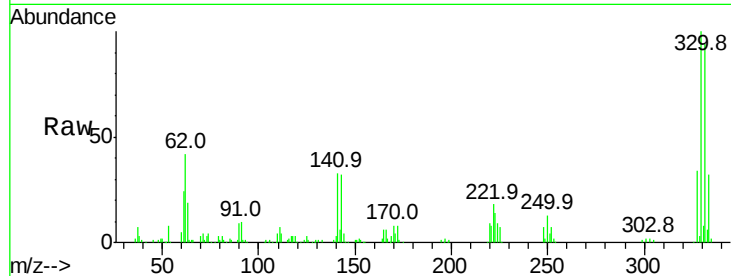




#41
 2,4,6-Tribromophenol
 Concen: 97.813 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF099957.D
 Acq: 30 Oct 2017 14:17

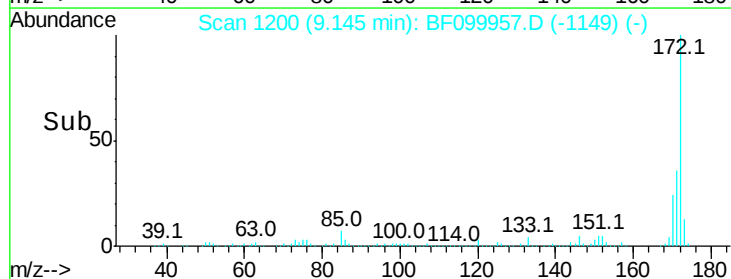
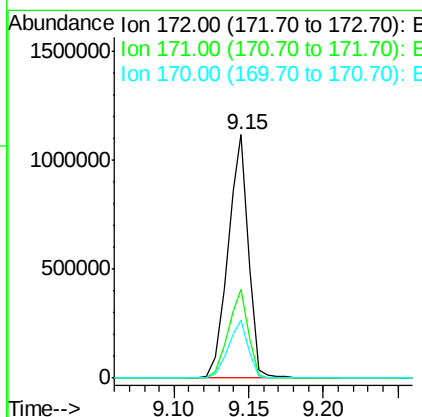
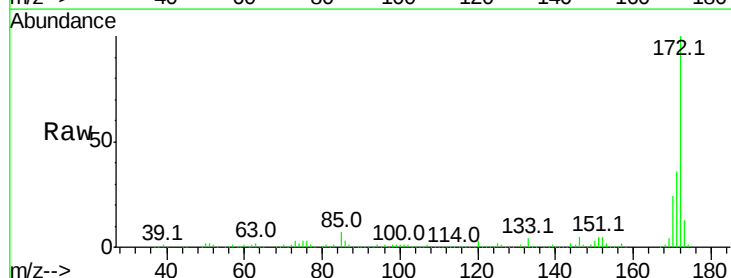
Instrument :
 BNA_F
 ClientSampleId :
 102117-TIDO-F-D-B

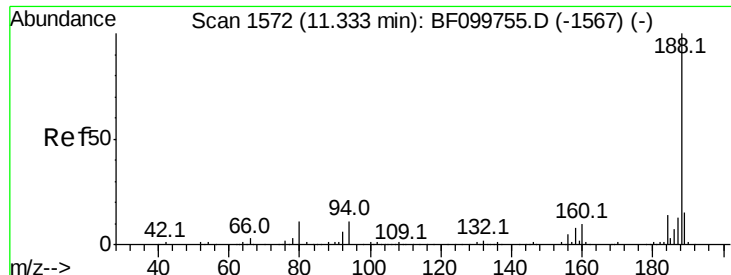
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	33.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 87.970 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF099957.D
 Acq: 30 Oct 2017 14:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4

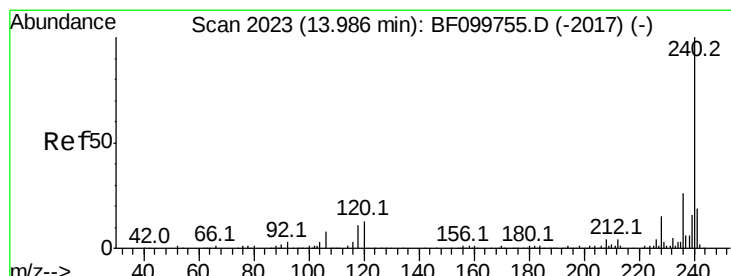
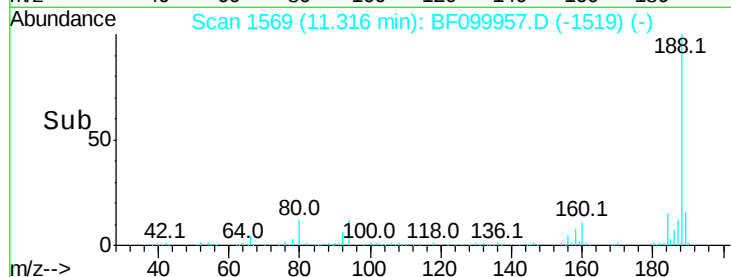
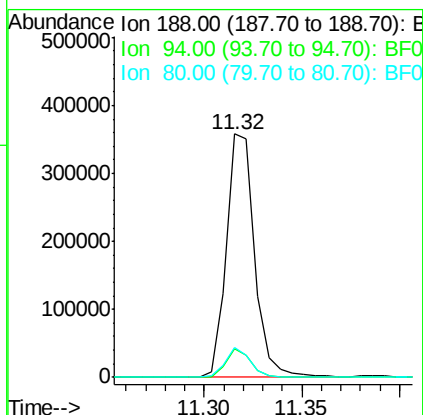
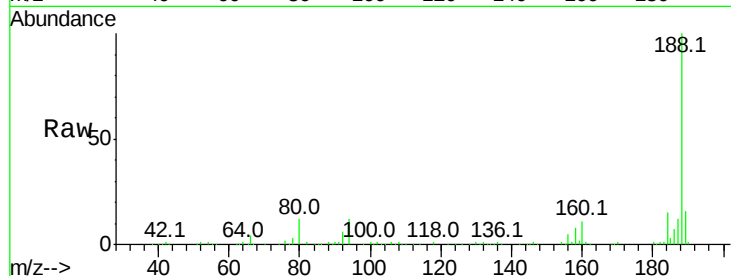




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF099957.D
Acq: 30 Oct 2017 14:17

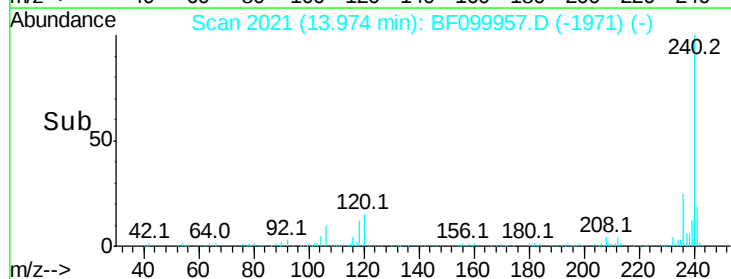
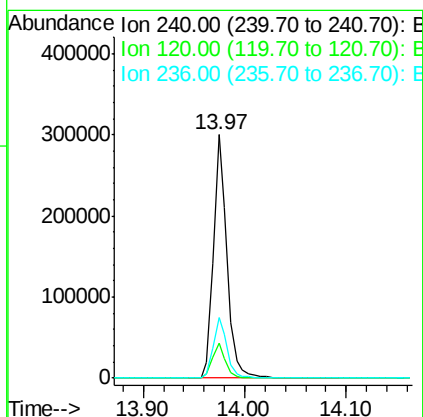
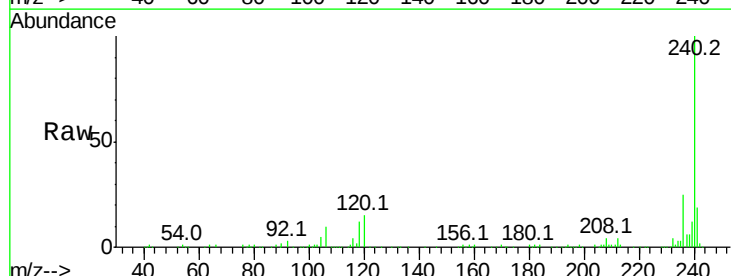
Instrument :
BNA_F
ClientSampleId :
102117-TIDO-F-D-B

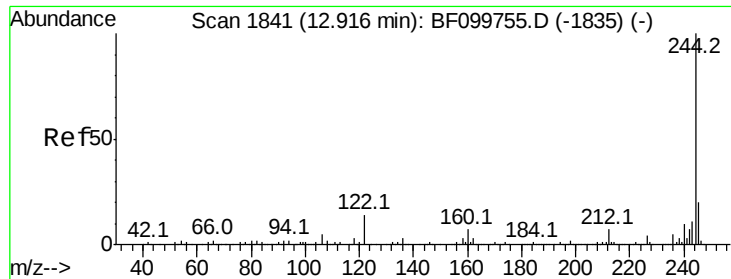
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	12.2	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099957.D
Acq: 30 Oct 2017 14:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	24.7	20.7	31.1



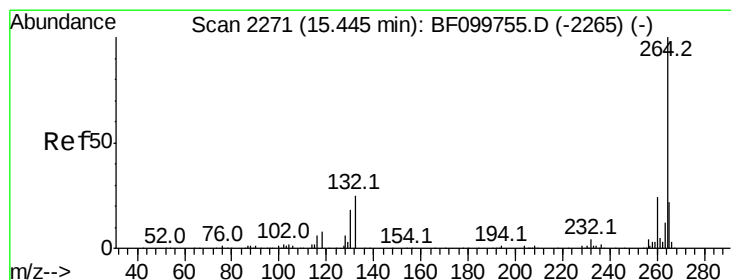
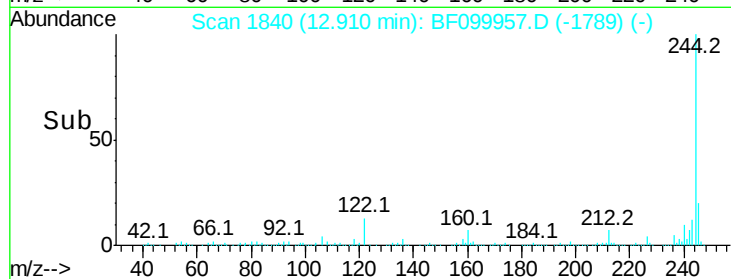
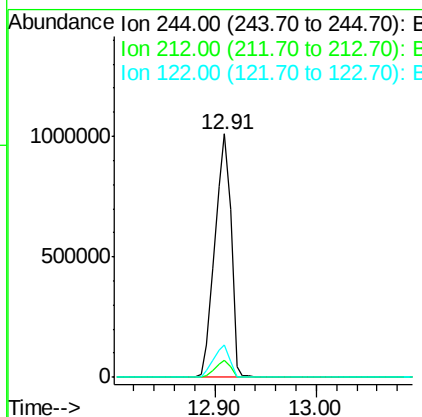
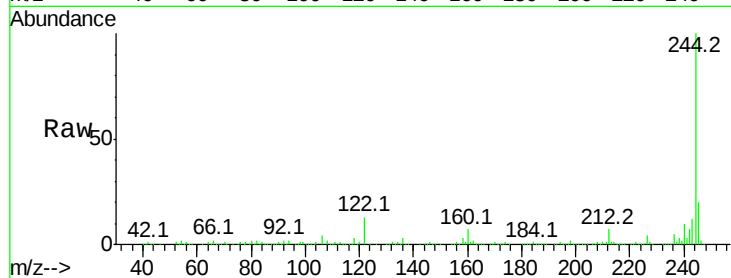


#78
 Terphenyl-d14
 Concen: 87.338 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF099957.D
 Acq: 30 Oct 2017 14:17

Instrument :
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 ClientSampleId :
 102117-TIDO-F-D-B

Tot Ion:244 Resp: 1120307

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.1	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF099957.D
 Acq: 30 Oct 2017 14:17

Tgt Ion:264 Resp: 197490

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	17.5	26.3

