

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
 Data File : BF099443.D
 Acq On : 13 Oct 2017 16:57
 Operator : SJ/JU
 Sample : I5775-01 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017

Quant Time: Oct 13 17:55:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 13 17:40:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	104985	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	427714	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	182343	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	275379	20.00	ng	0.00
75) Chrysene-d12	14.02	240	202886	20.00	ng	0.00
86) Perylene-d12	15.49	264	205295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	70829	10.74	ng	0.00
7) Phenol-d6	6.48	99	86024	10.57	ng	-0.01
23) Nitrobenzene-d5	7.41	82	49561	7.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	13249	8.88	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	103222	9.45	ng	0.00
78) Terphenyl-d14	12.96	244	64648	7.25	ng	0.00

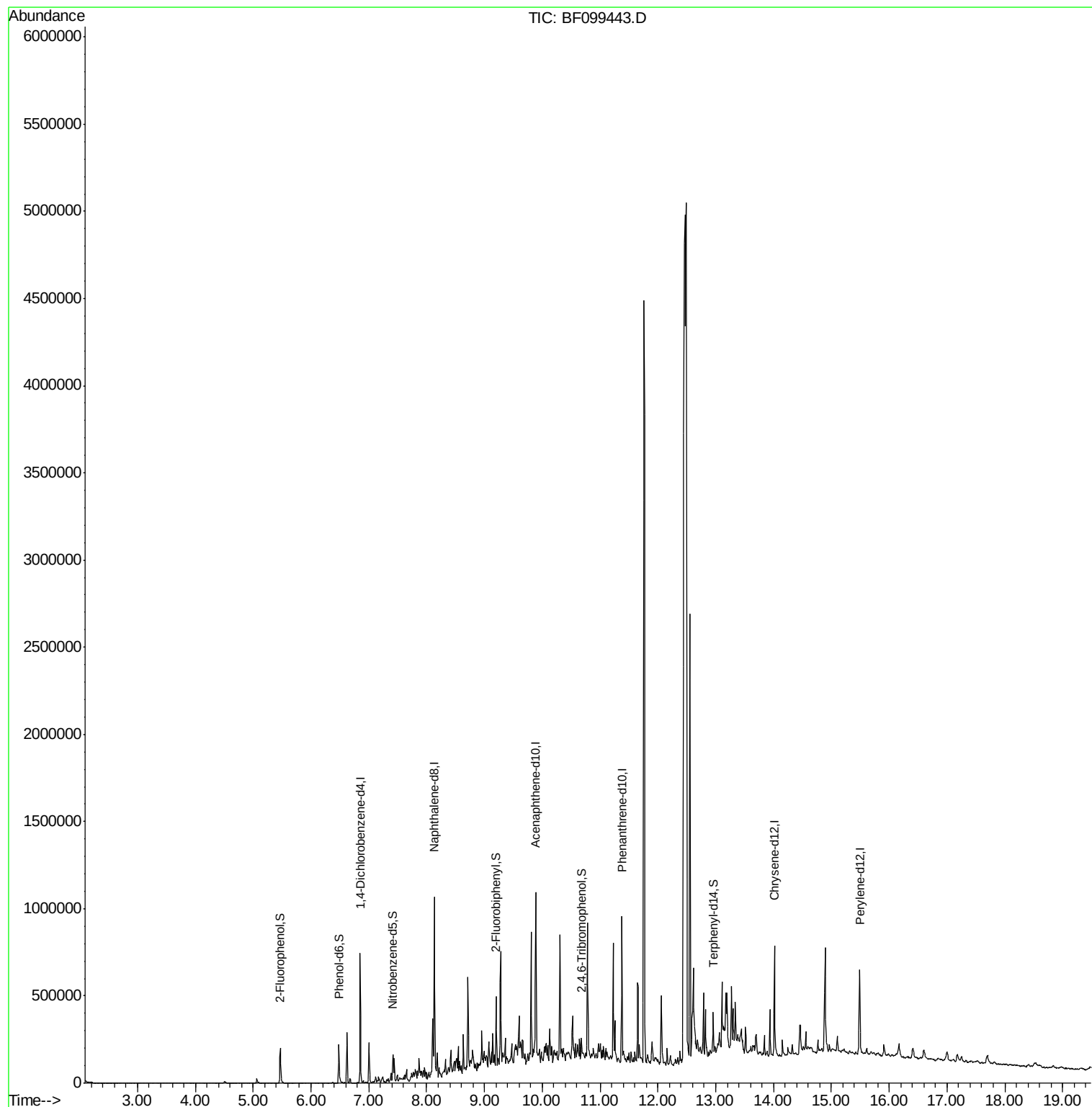
Target Compounds	Qvalue
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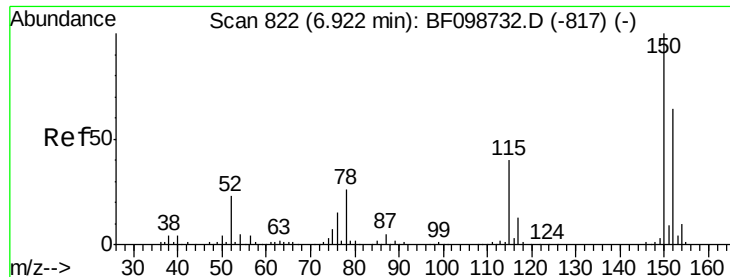
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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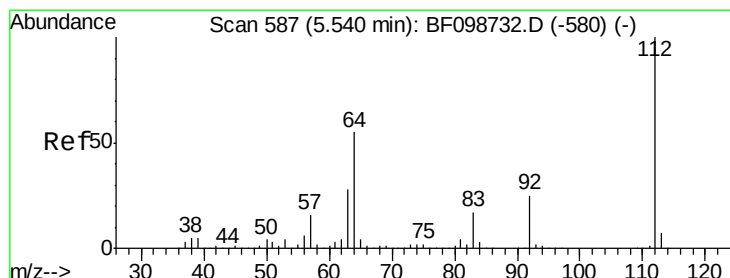
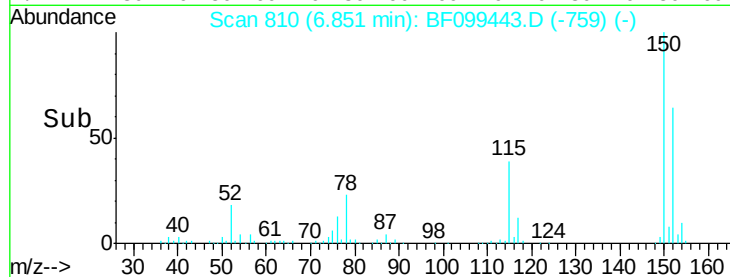
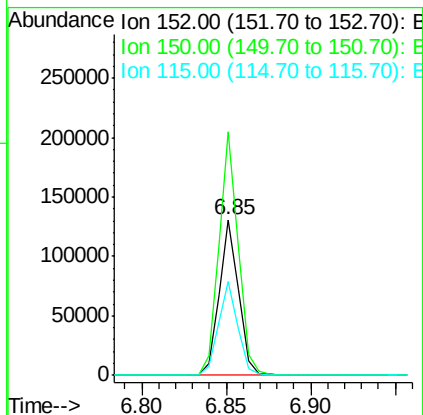
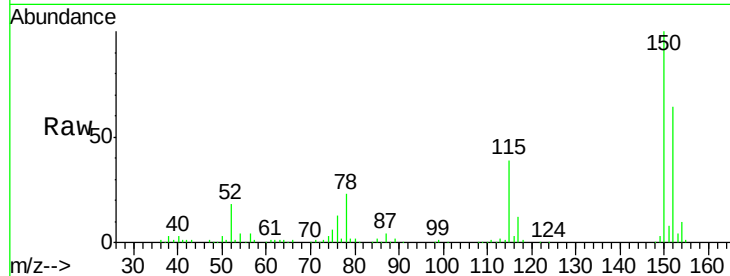


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099443.D
 Acq: 13 Oct 2017 16:57

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017

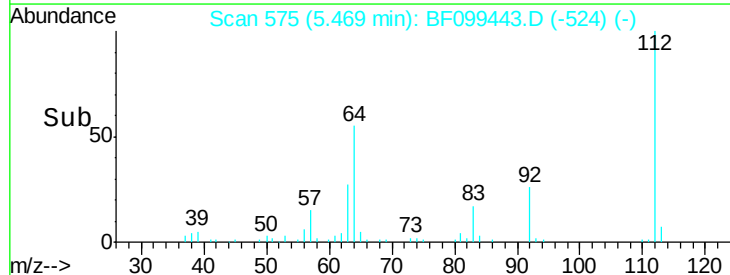
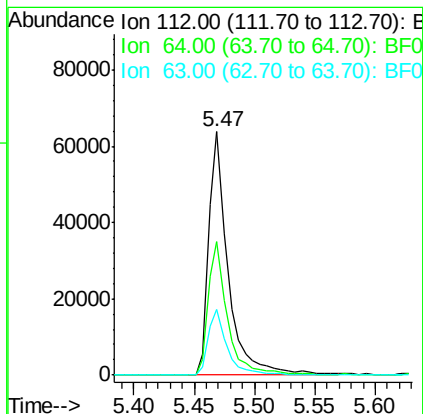
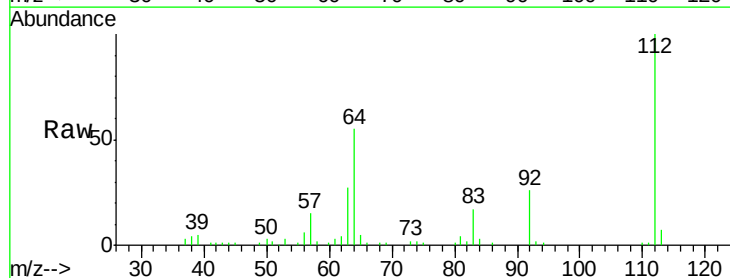
Tgt Ion:152 Resp: 104985
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.6 186.8
 115 60.5 50.1 75.1

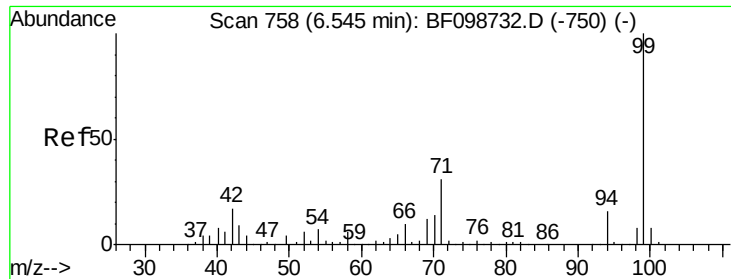


#5

2-Fluorophenol
 Concen: 10.74 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF099443.D
 Acq: 13 Oct 2017 16:57

Tgt Ion:112 Resp: 70829
 Ion Ratio Lower Upper
 112 100
 64 55.0 47.9 71.9
 63 26.9 23.7 35.5





#7

Phenol-d6

Concen: 10.57 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099443.D

Acq: 13 Oct 2017 16:57

Instrument :

BNA_F

ClientSampleId :

SU-04-101017

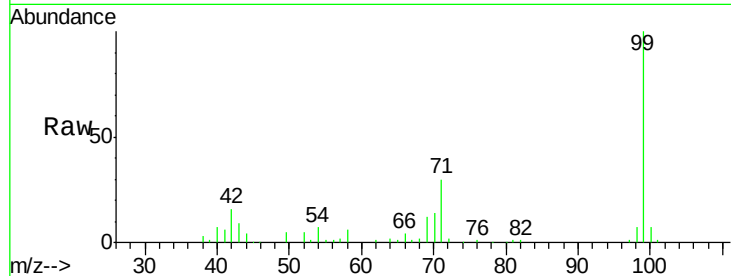
Tgt Ion: 99 Resp: 86024

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

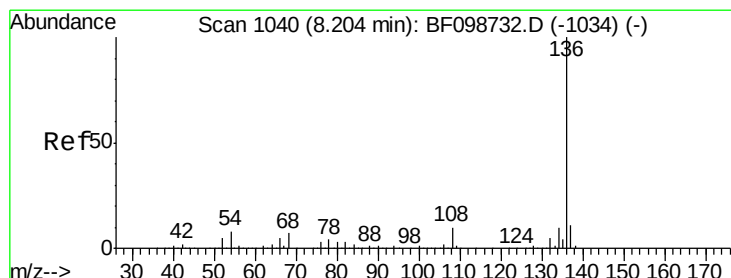
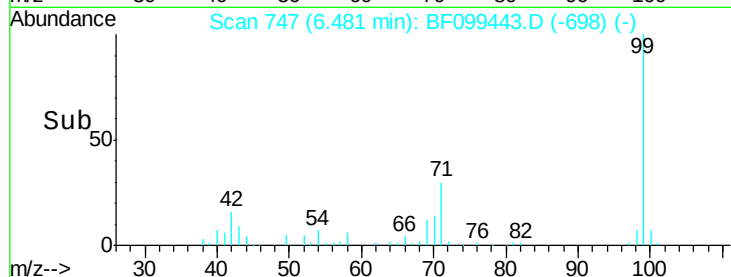
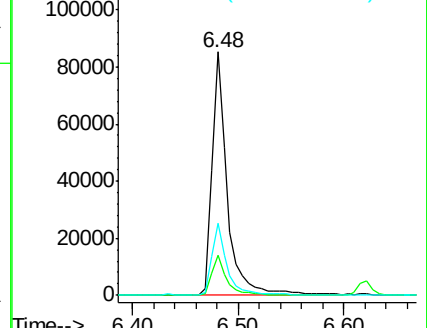
71 29.6 25.4 38.0



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: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF099443.D

Acq: 13 Oct 2017 16:57

Tgt Ion: 136 Resp: 427714

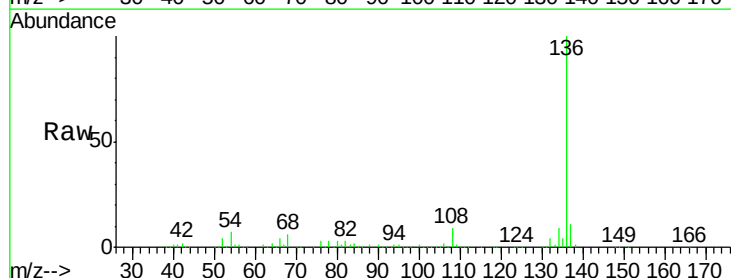
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.5 6.6 9.8

68 6.0 5.0 7.4

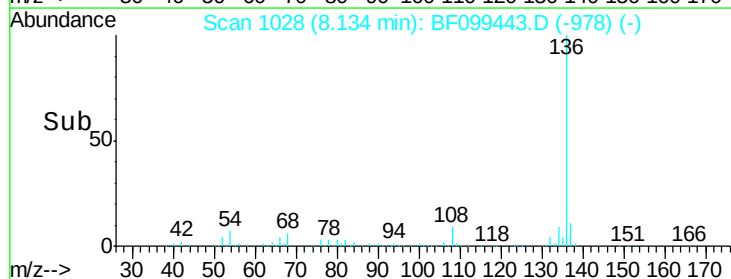
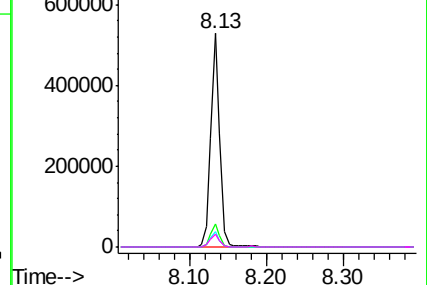


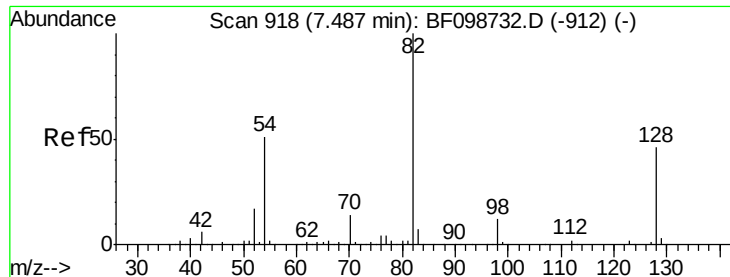
Abundance Ion 136.00 (135.70 to 136.70): E

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

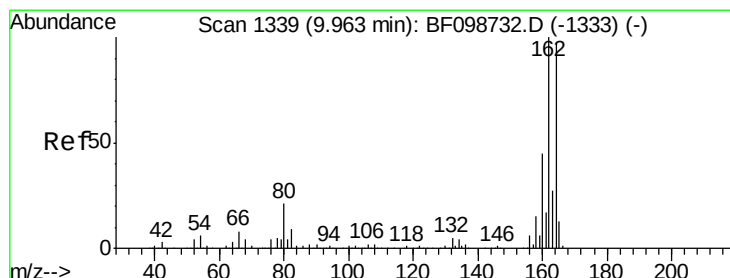
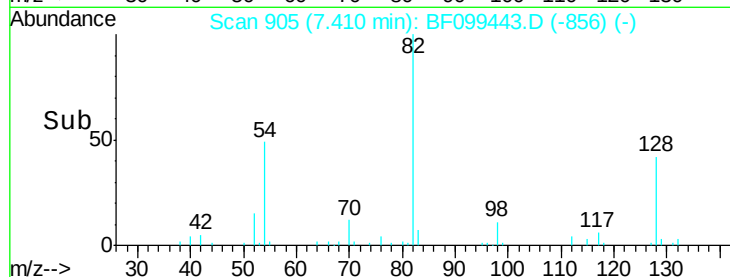
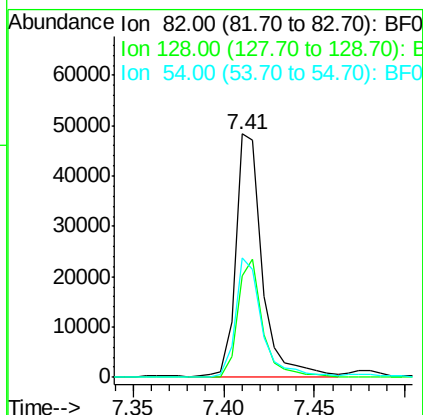
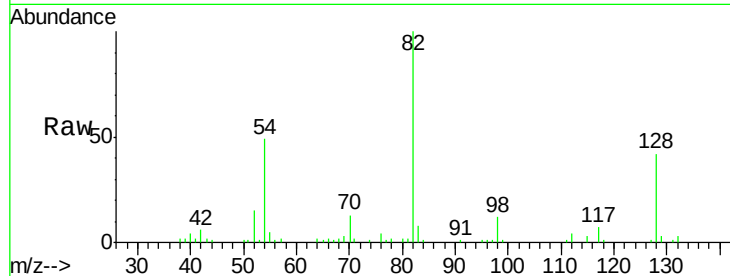




#23
 Nitrobenzene-d5
 Concen: 7.43 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF099443.D
 Acq: 13 Oct 2017 16:57

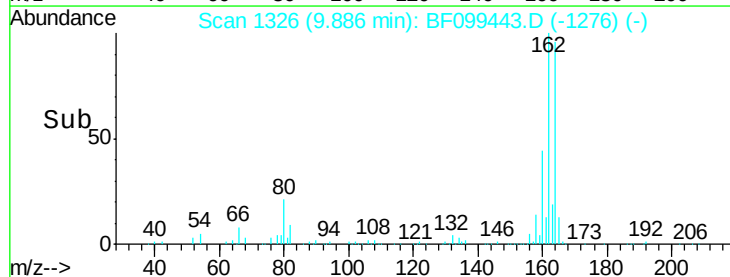
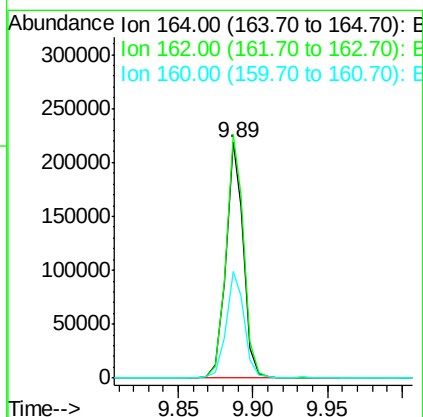
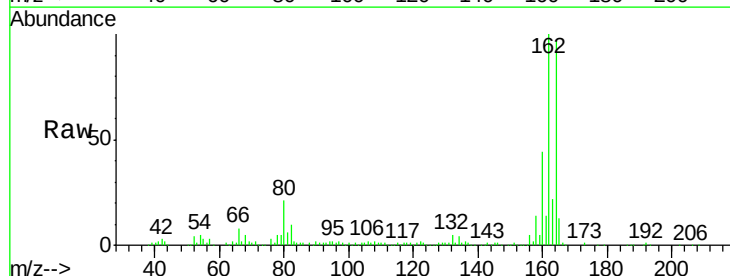
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017

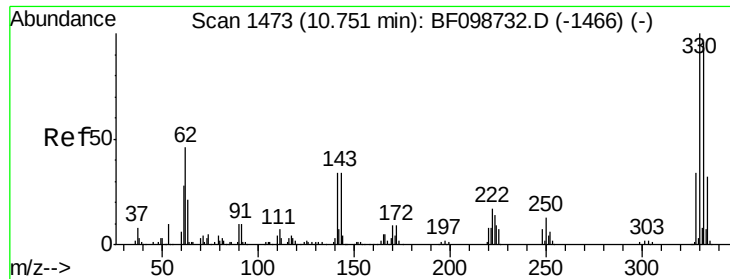
Tgt Ion: 82 Resp: 49561
 Ion Ratio Lower Upper
 82 100
 128 41.9 36.1 54.1
 54 49.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099443.D
 Acq: 13 Oct 2017 16:57

Tgt Ion: 164 Resp: 182343
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 45.6 38.3 57.5

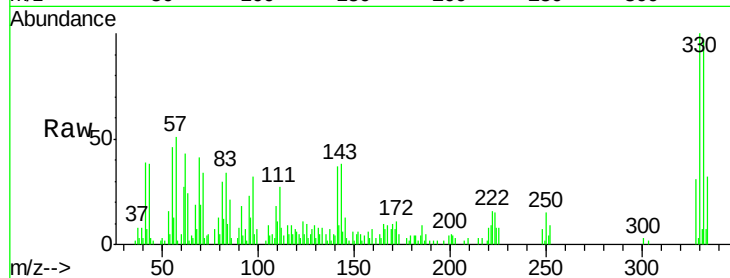




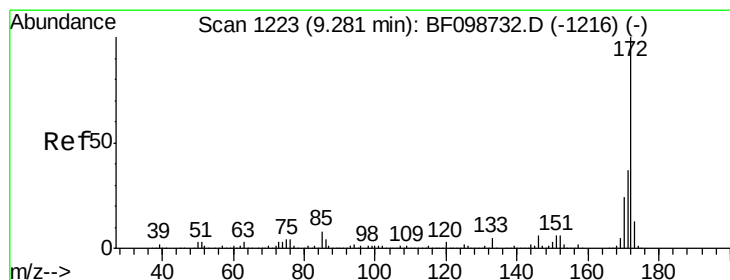
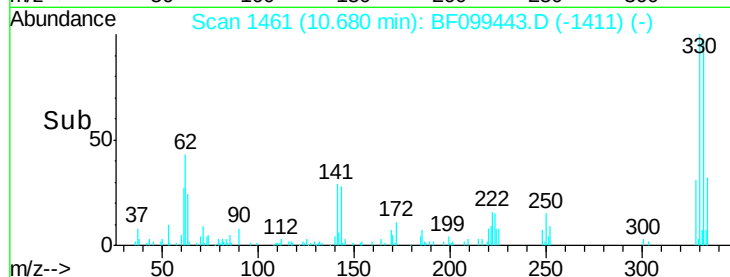
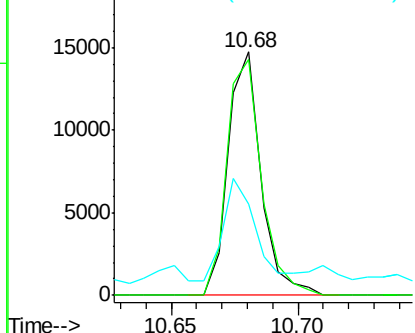
#41
 2,4,6-Tribromophenol
 Concen: 8.88 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF099443.D
 Acq: 13 Oct 2017 16:57

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017

Tgt Ion: 330 Resp: 13249
 Ion Ratio Lower Upper
 330 100
 332 102.3 77.0 115.6
 141 41.3 29.9 44.9

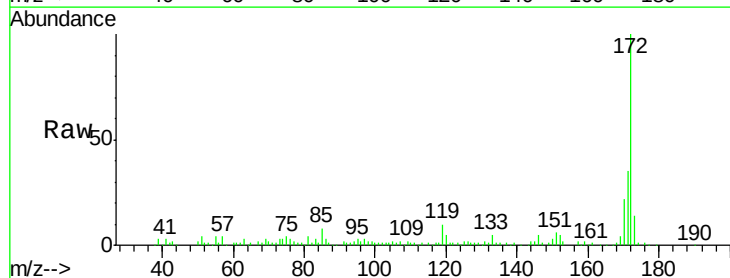


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

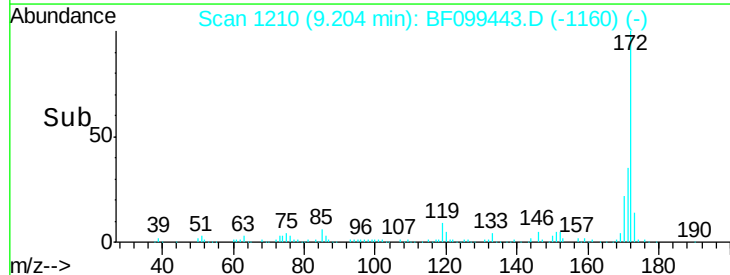
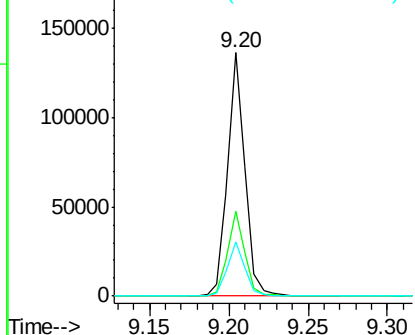


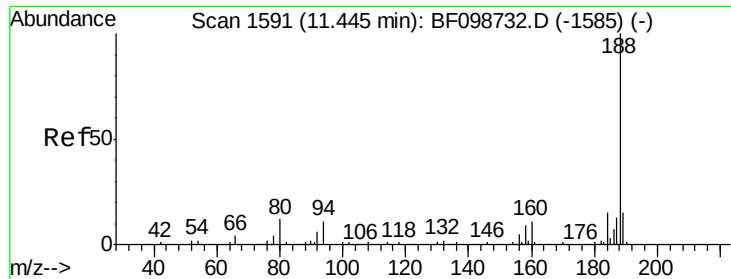
#44
 2-Fluorobiphenyl
 Concen: 9.45 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099443.D
 Acq: 13 Oct 2017 16:57

Tgt Ion: 172 Resp: 103222
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.7 44.5
 170 22.1 19.6 29.4



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

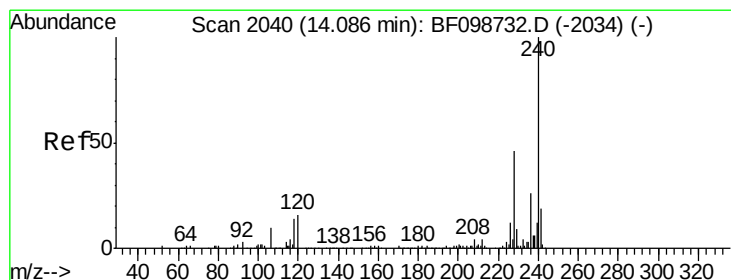
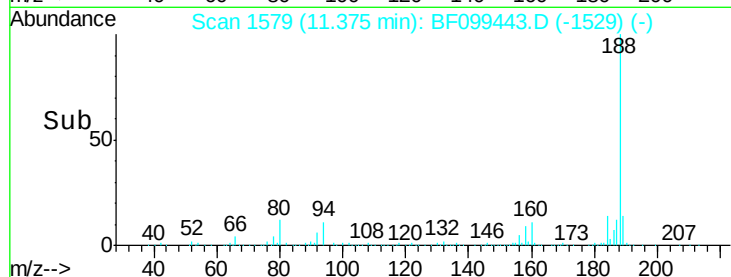
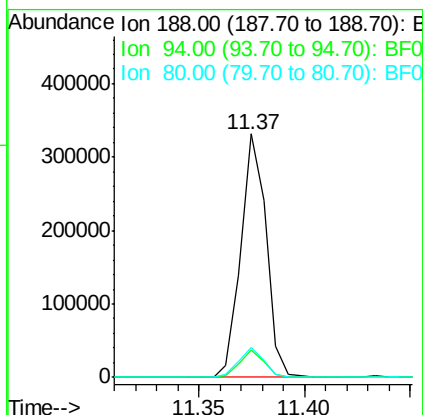
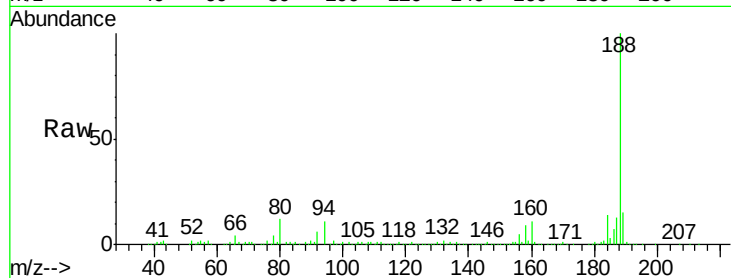




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF099443.D
Acq: 13 Oct 2017 16:57

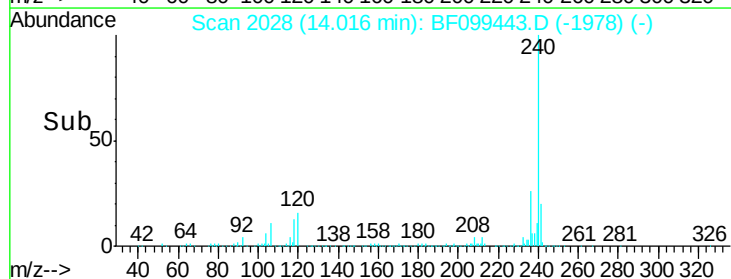
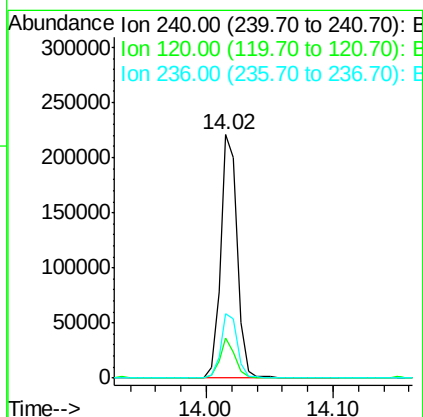
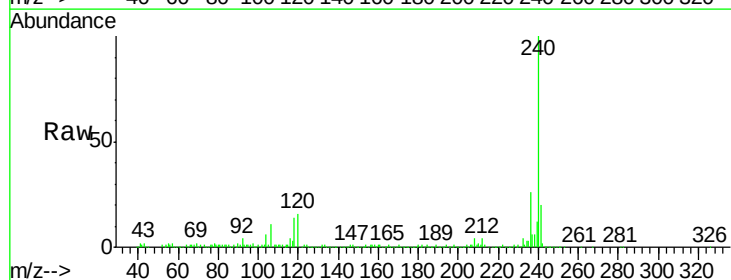
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ClientSampleId :
SU-04-101017

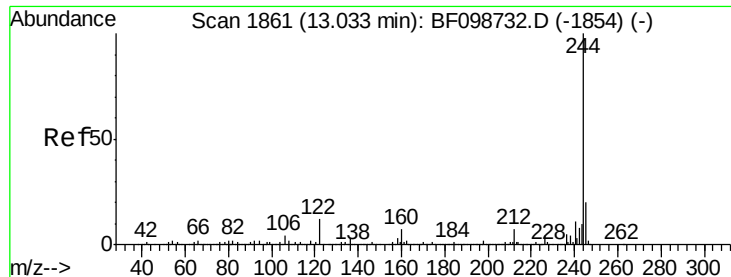
Tgt Ion:188 Resp: 275379
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF099443.D
Acq: 13 Oct 2017 16:57

Tgt Ion:240 Resp: 202886
Ion Ratio Lower Upper
240 100
120 16.2 9.5 14.3#
236 26.3 20.7 31.1

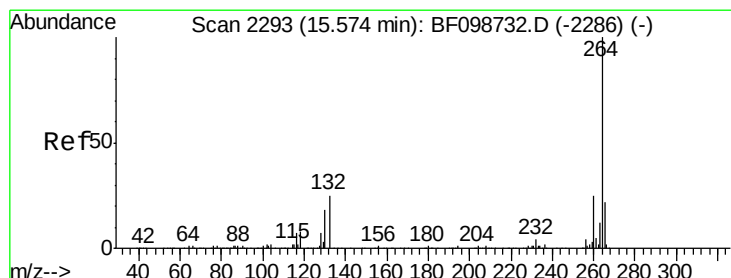
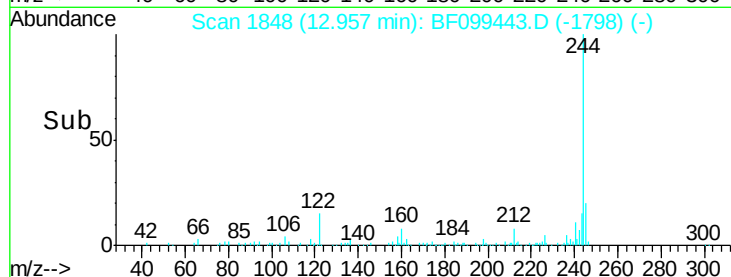
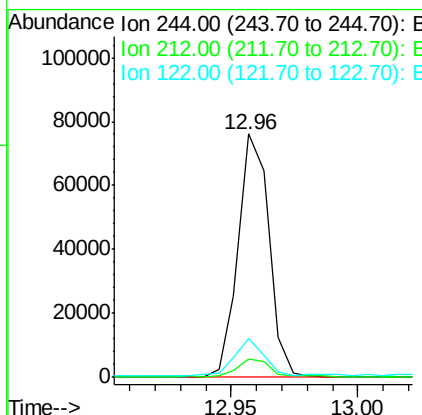
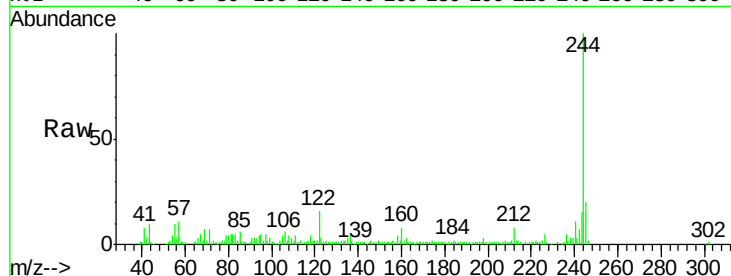




#78
 Terphenyl-d14
 Concen: 7.25 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF099443.D
 Acq: 13 Oct 2017 16:57

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017

Tgt Ion:244 Resp: 64648
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.0
 122 16.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF099443.D
 Acq: 13 Oct 2017 16:57

Tgt Ion:264 Resp: 205295
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.0 17.5 26.3

