

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099430.D
 Acq On : 13 Oct 2017 9:16
 Operator : SJ/JU
 Sample : I5777-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100917-TIDO-F-U-S

Quant Time: Oct 13 14:27:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	98383	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	371954	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	135345	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	204417	20.00	ng	0.00
75) Chrysene-d12	14.02	240	194340	20.00	ng	0.00
86) Perylene-d12	15.49	264	155074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	301774	48.83	ng	0.00
7) Phenol-d6	6.48	99	246716	32.36	ng	0.00
23) Nitrobenzene-d5	7.42	82	606583	104.58	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	94855	85.65	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	985376	121.54	ng	0.00
78) Terphenyl-d14	12.96	244	712723	83.40	ng	0.00

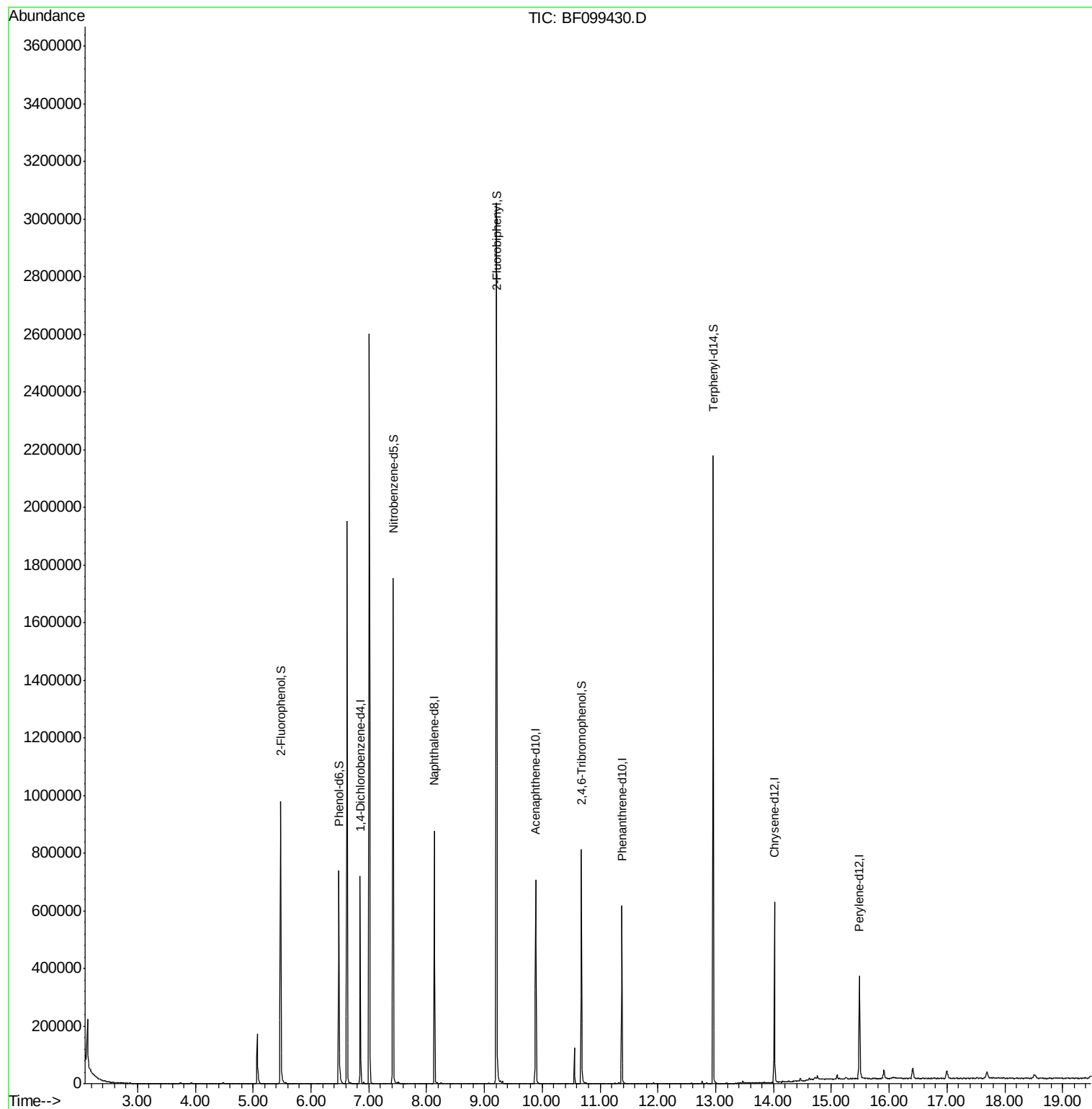
Target Compounds Qvalue

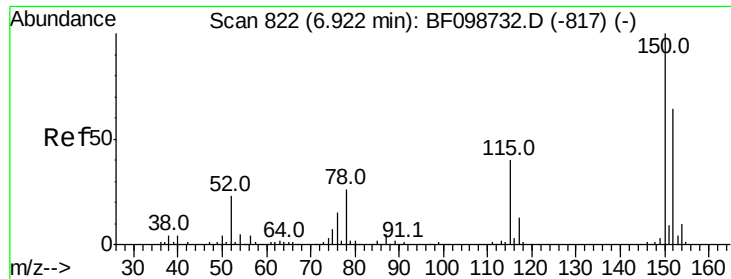
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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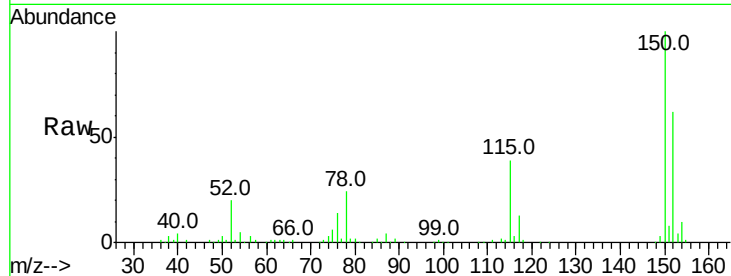


#1

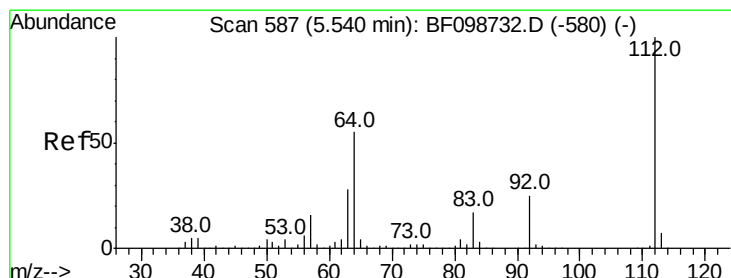
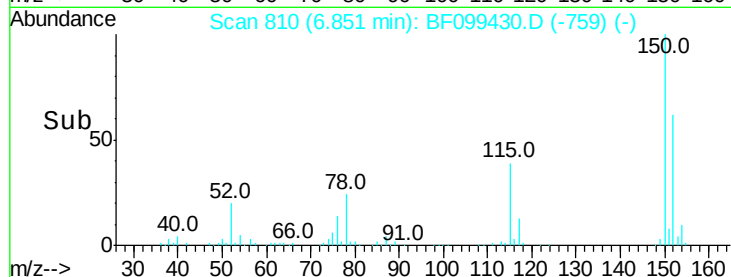
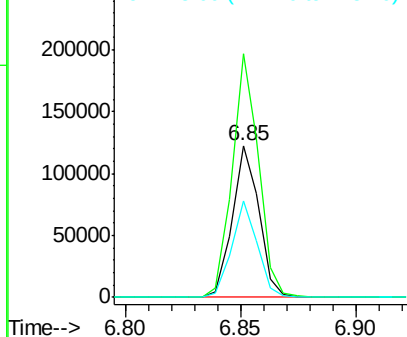
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099430.D
Acq: 13 Oct 2017 9:16

Instrument :
BNA_F
ClientSampleId :
100917-TIDO-F-U-S

Tot Ion:152 Resp: 98383
Ion Ratio Lower Upper
152 100
150 160.4 124.6 186.8
115 63.2 50.1 75.1



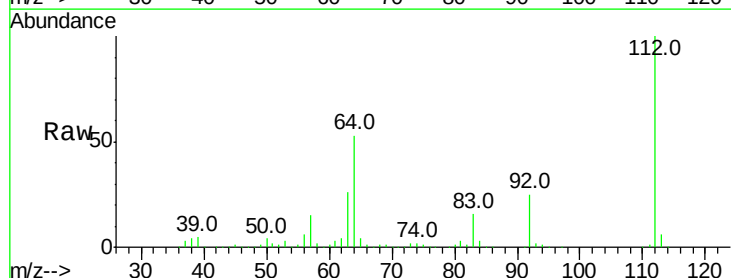
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



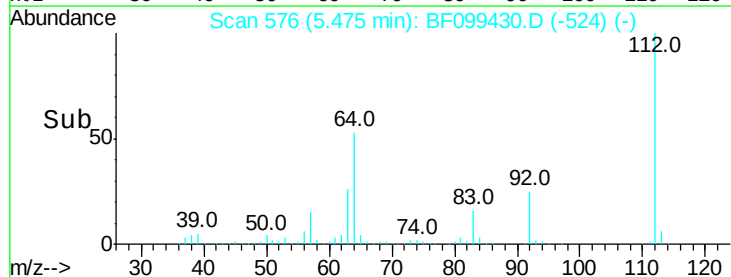
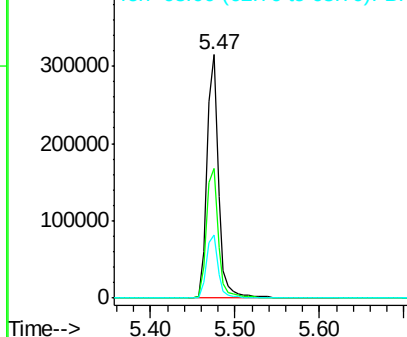
#5

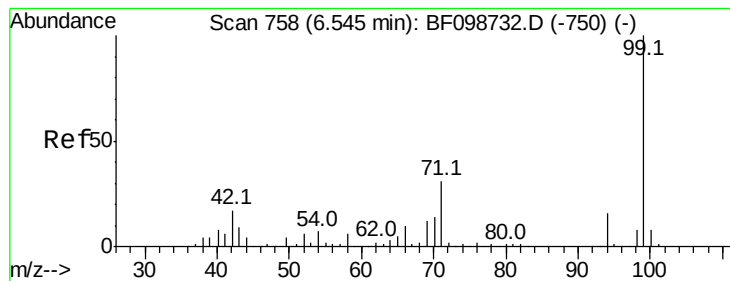
2-Fluorophenol
Concen: 48.829 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099430.D
Acq: 13 Oct 2017 9:16

Tgt Ion:112 Resp: 301774
Ion Ratio Lower Upper
112 100
64 53.1 47.9 71.9
63 25.7 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: 32.360 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099430.D

Acq: 13 Oct 2017 9:16

Instrument :

BNA_F

ClientSampleId :

100917-TIDO-F-U-S

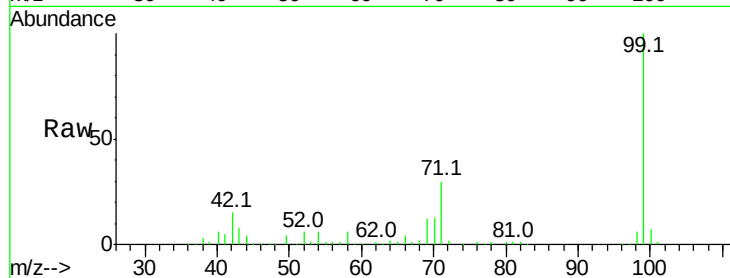
Tot Ion: 99 Resp: 246716

Ion Ratio Lower Upper

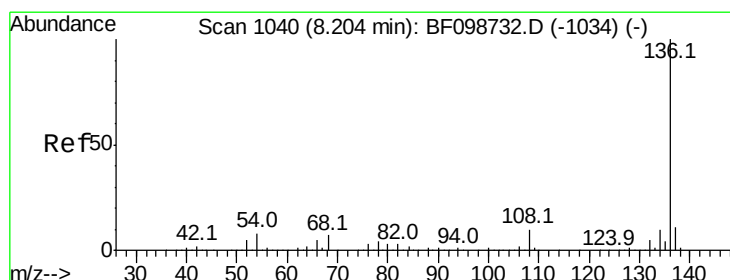
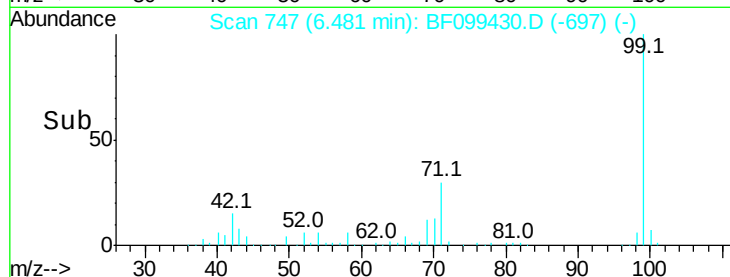
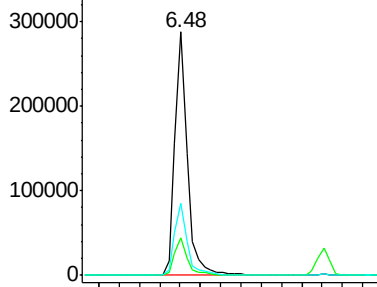
99 100

42 15.4 14.5 21.7

71 29.8 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: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF099430.D

Acq: 13 Oct 2017 9:16

Tgt Ion: 136 Resp: 371954

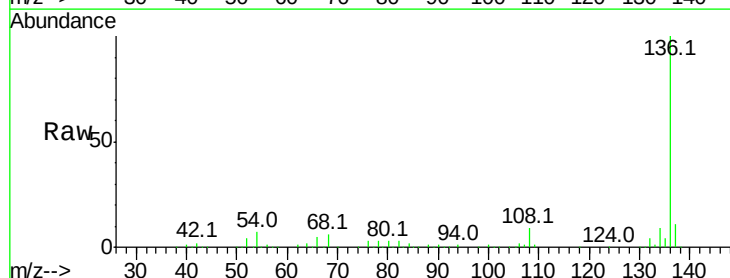
Ion Ratio Lower Upper

136 100

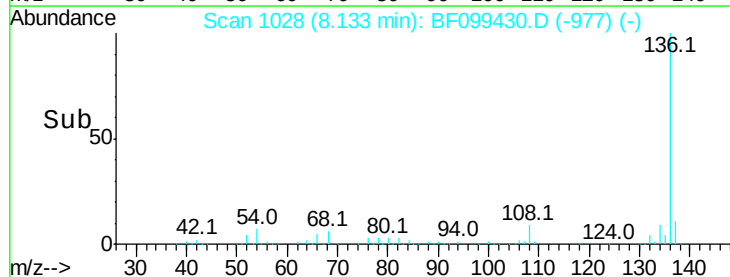
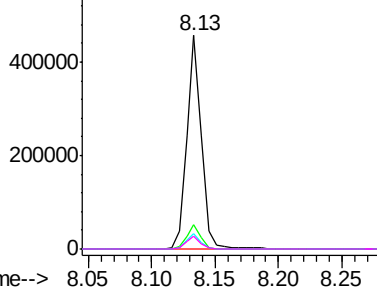
137 11.3 8.9 13.3

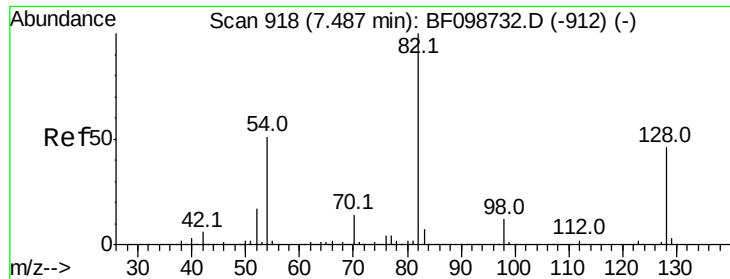
54 7.3 6.6 9.8

68 6.1 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

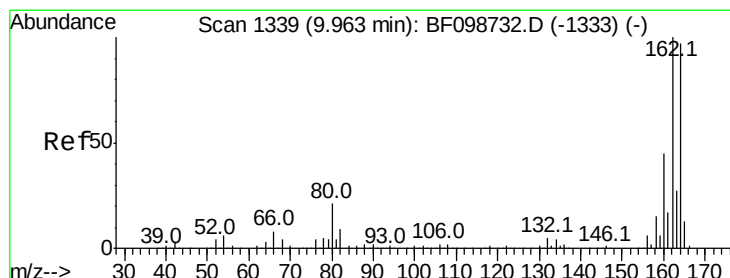
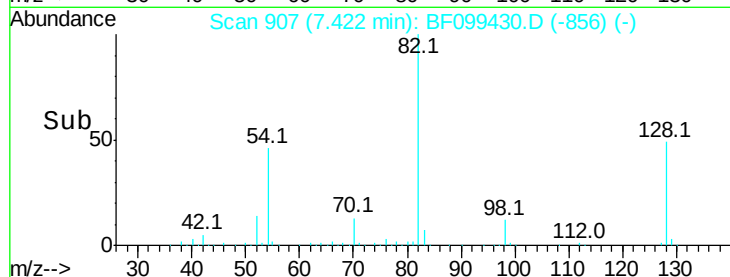
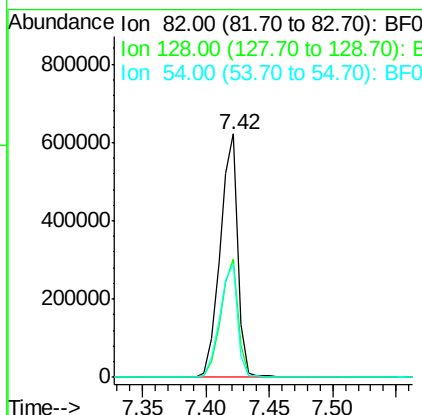
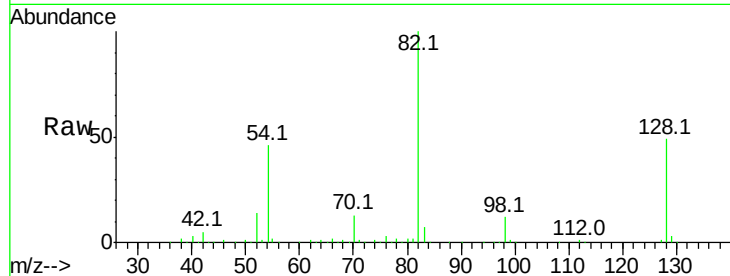




#23
Nitrobenzene-d5
Concen: 104.584 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF099430.D
Acq: 13 Oct 2017 9:16

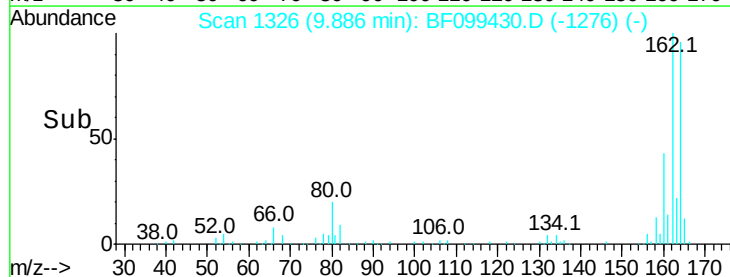
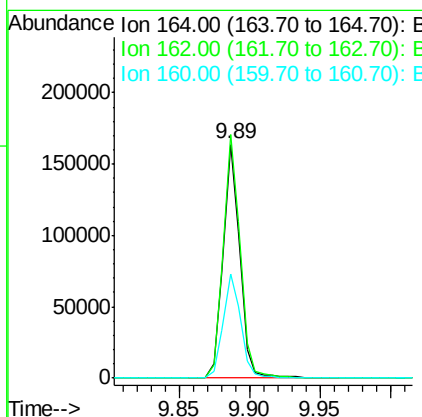
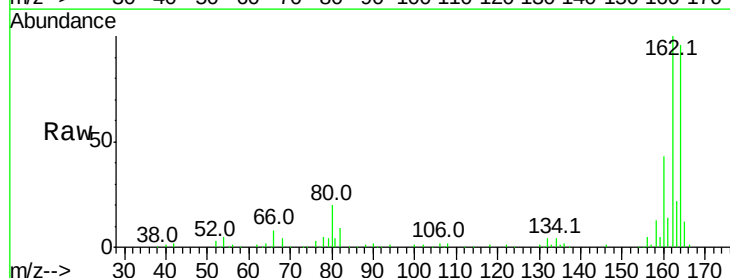
Instrument :
BNA_F
ClientSampleId :
100917-TIDO-F-U-S

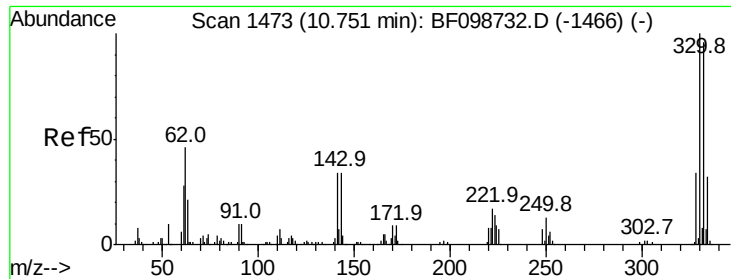
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	46.3	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099430.D
Acq: 13 Oct 2017 9:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	44.8	38.3	57.5

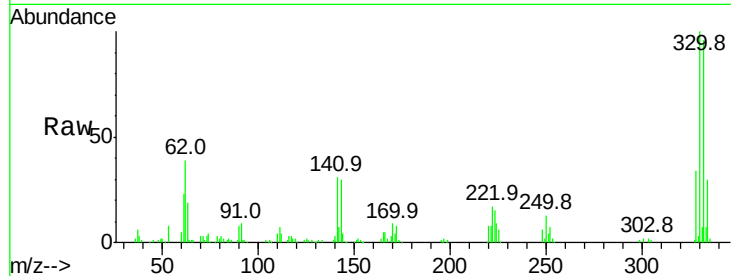




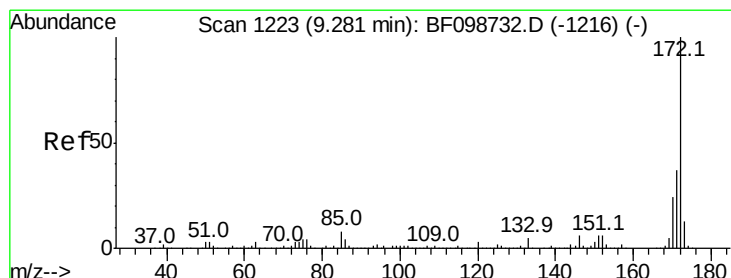
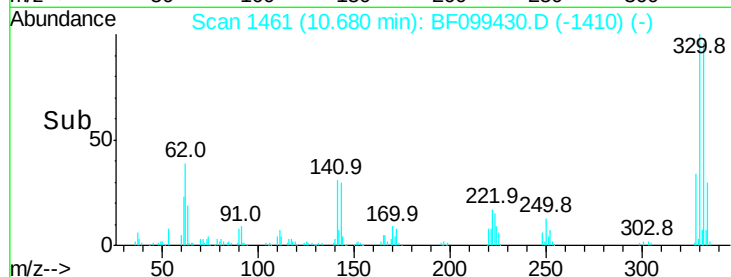
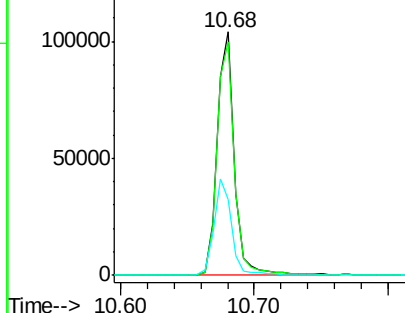
#41
 2,4,6-Tribromophenol
 Concen: 85.649 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099430.D
 Acq: 13 Oct 2017 9:16

Instrument :
 BNA_F
 ClientSampleId :
 100917-TIDO-F-U-S

Tot Ion:330 Resp: 94855
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 40.3 29.9 44.9

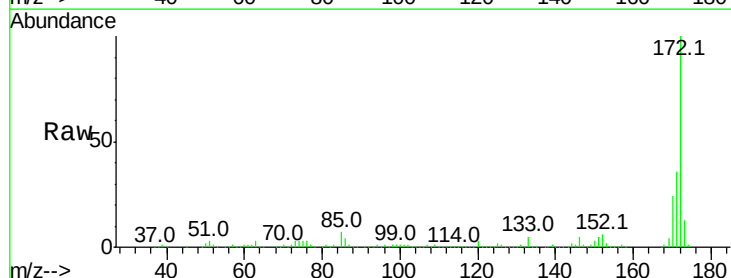


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

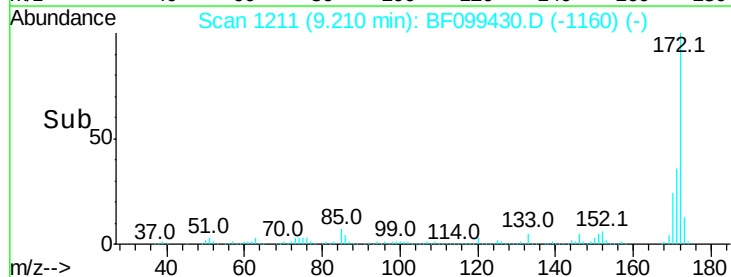
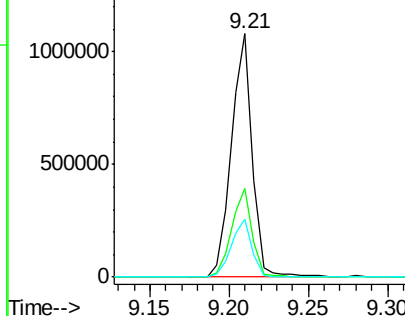


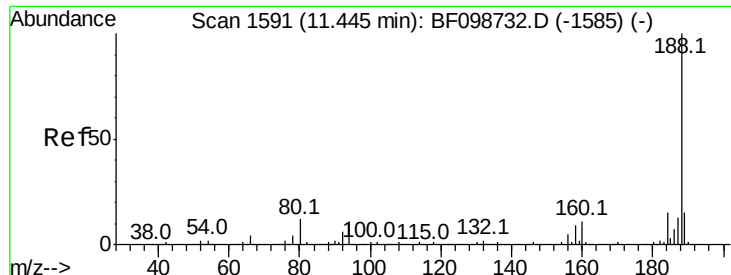
#44
 2-Fluorobiphenyl
 Concen: 121.541 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099430.D
 Acq: 13 Oct 2017 9:16

Tgt Ion:172 Resp: 985376
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.1 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

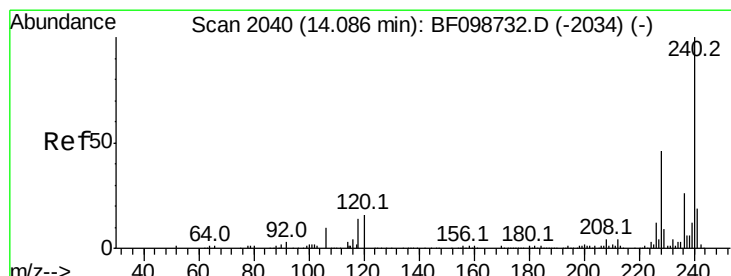
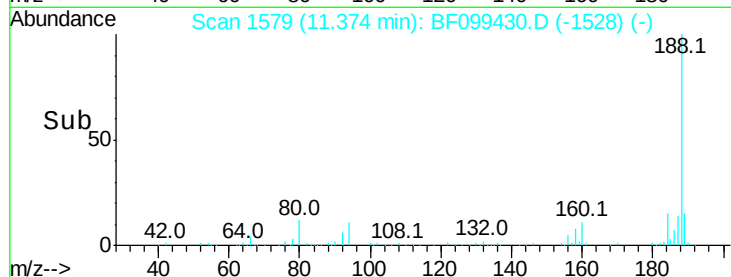
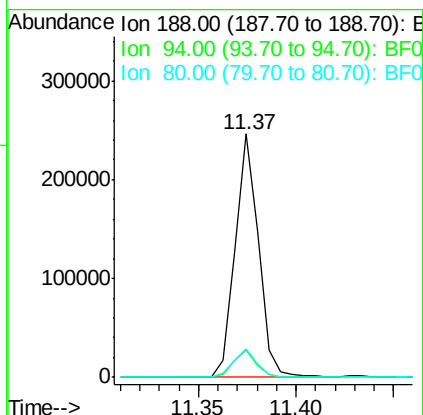
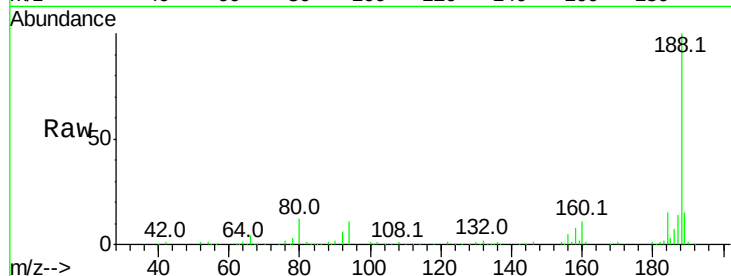




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099430.D
Acq: 13 Oct 2017 9:16

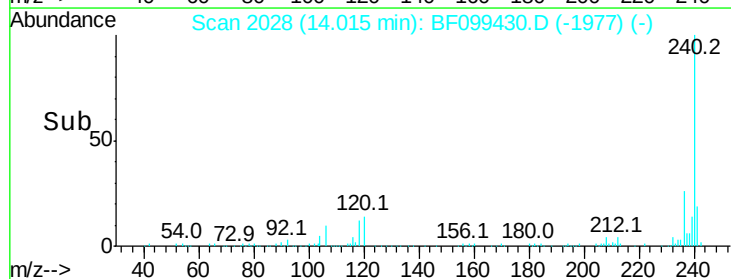
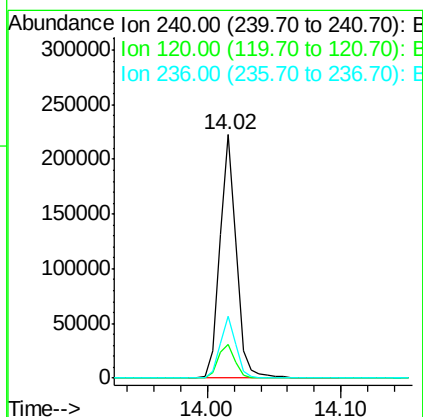
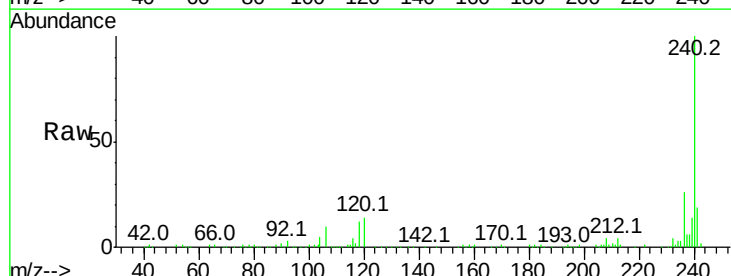
Instrument :
BNA_F
ClientSampleId :
100917-TIDO-F-U-S

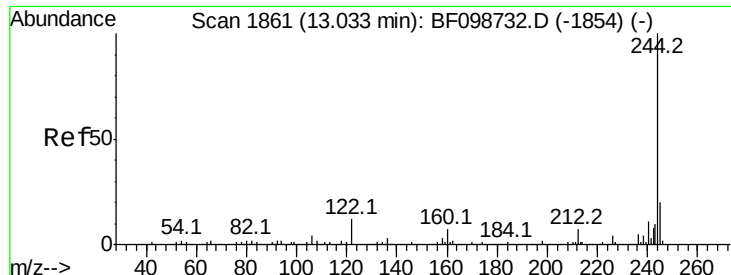
Tot Ion:188 Resp: 204417
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099430.D
Acq: 13 Oct 2017 9:16

Tgt Ion:240 Resp: 194340
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 83.404 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099430.D

Acq: 13 Oct 2017 9:16

Instrument :

BNA_F

ClientSampleId :

100917-TIDO-F-U-S

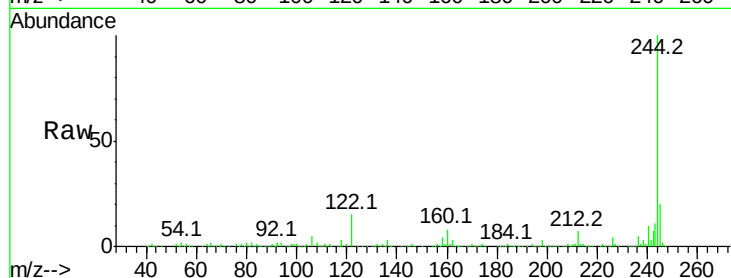
Tot Ion:244 Resp: 712723

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

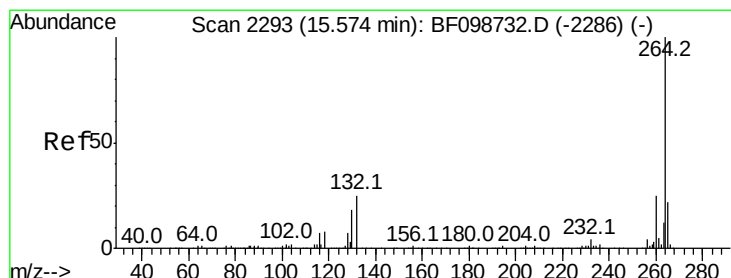
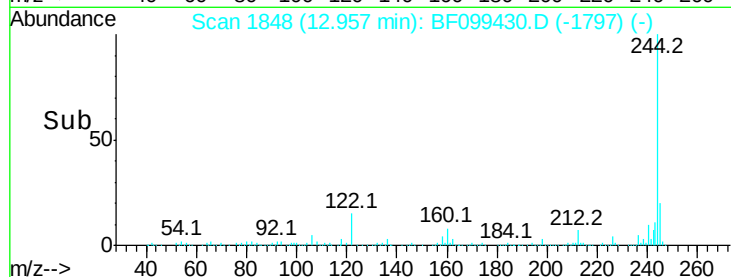
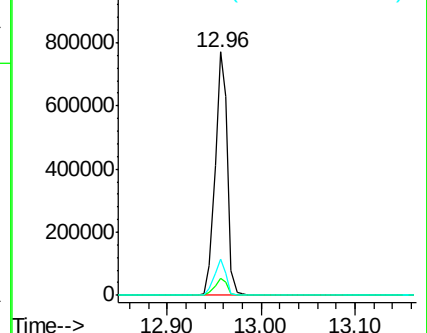
122 14.7 11.0 16.4



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF099430.D

Acq: 13 Oct 2017 9:16

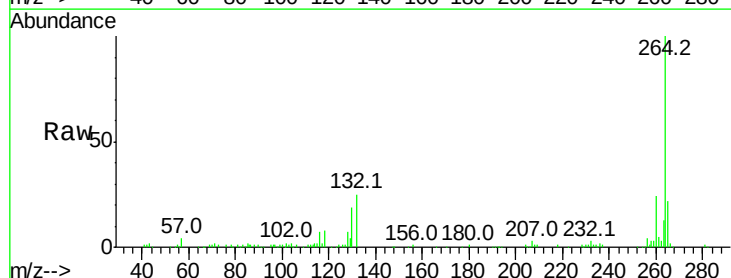
Tgt Ion:264 Resp: 155074

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.6 17.5 26.3



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

