

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099255.D
 Acq On : 9 Oct 2017 2:34
 Operator : SJ/JU
 Sample : I5645-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100317-TIDO-F-D-S

Quant Time: Oct 09 04:53:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	123855	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	521425	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	235700	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	395380	20.00	ng	0.00
75) Chrysene-d12	14.03	240	235280	20.00	ng	0.00
86) Perylene-d12	15.50	264	213763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	190666	24.51	ng	0.00
7) Phenol-d6	6.49	99	143119	14.91	ng	0.00
23) Nitrobenzene-d5	7.43	82	416877	51.27	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	84861	44.00	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	786656	55.72	ng	-0.01
78) Terphenyl-d14	12.97	244	637898	61.66	ng	0.00

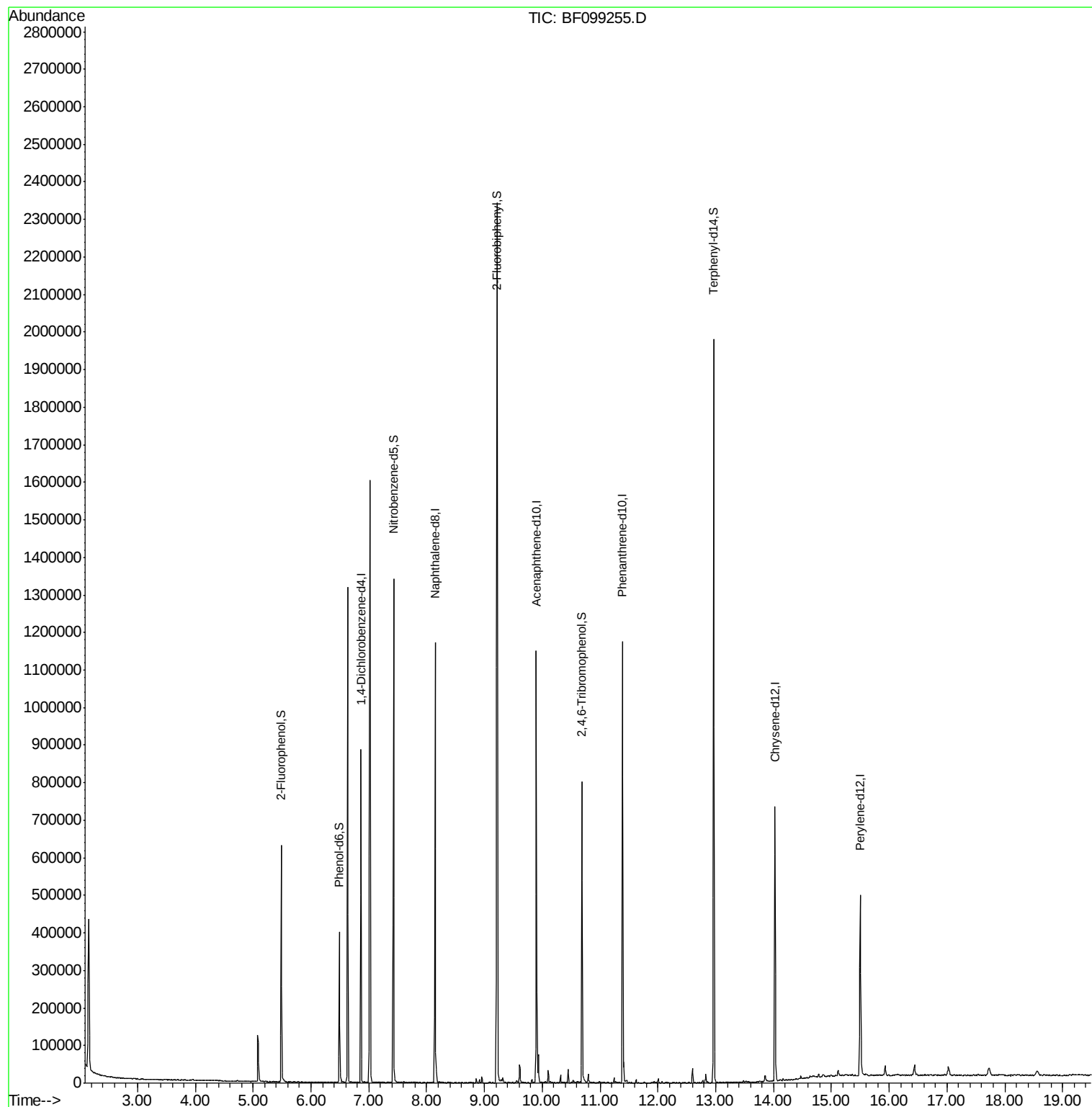
Target Compounds Qvalue

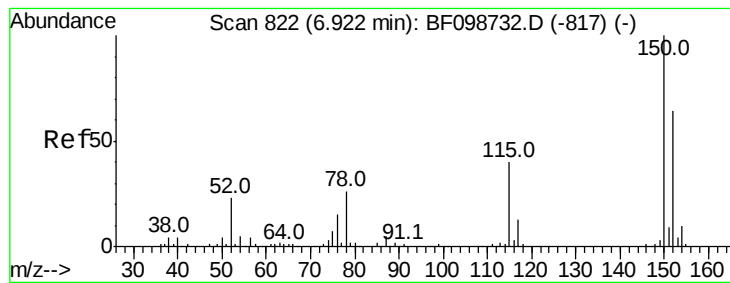
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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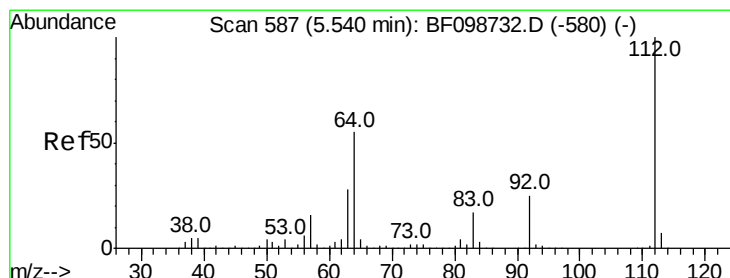
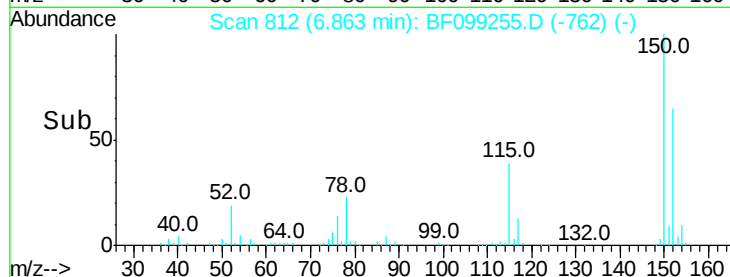
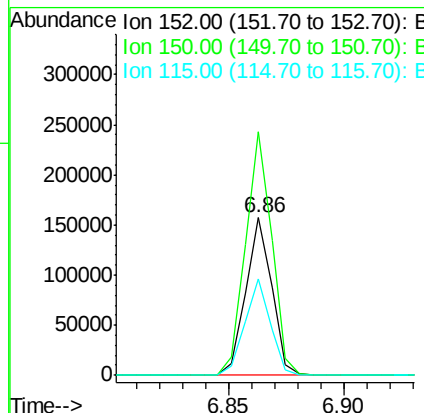
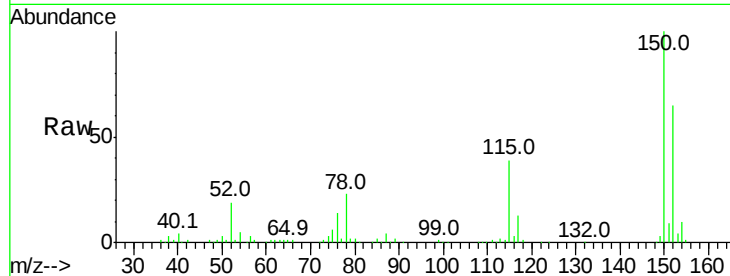


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099255.D
 Acq: 9 Oct 2017 2:34

Instrument :
 BNA_F
 ClientSampleId :
 100317-TIDO-F-D-S

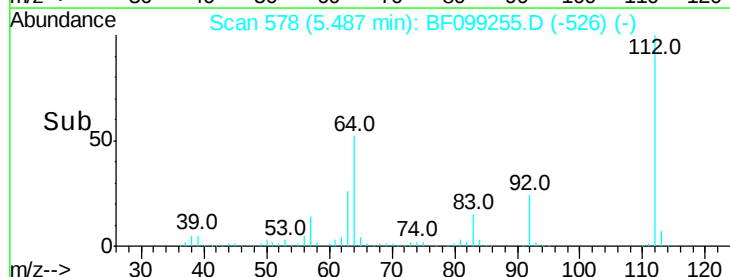
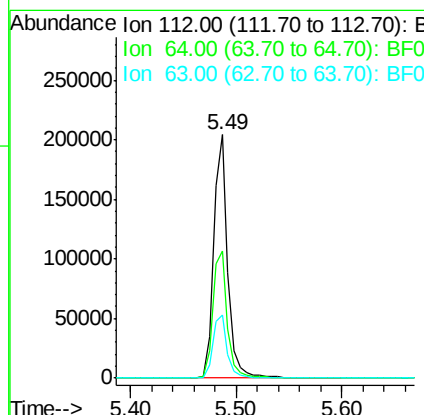
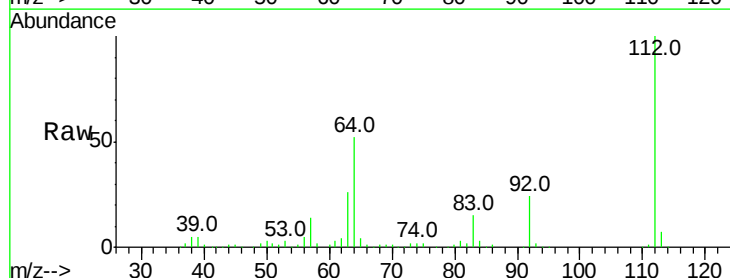
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	61.1	50.1	75.1



#5

2-Fluorophenol
 Concen: 24.506 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099255.D
 Acq: 9 Oct 2017 2:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	47.9	71.9
63	25.8	23.7	35.5





#7

Phenol-d6

Concen: 14.911 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099255.D

Acq: 9 Oct 2017 2:34

Instrument :

BNA_F

ClientSampleId :

100317-TIDO-F-D-S

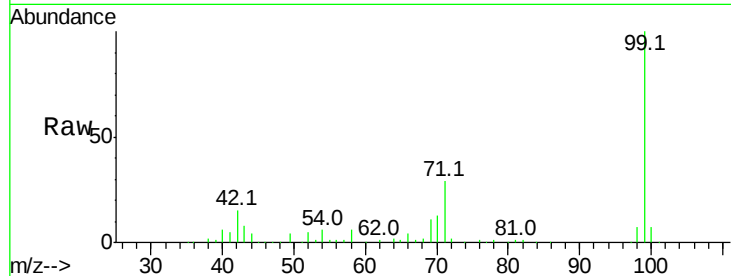
Tot Ion: 99 Resp: 143119

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

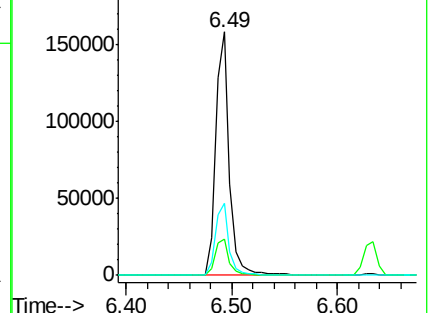
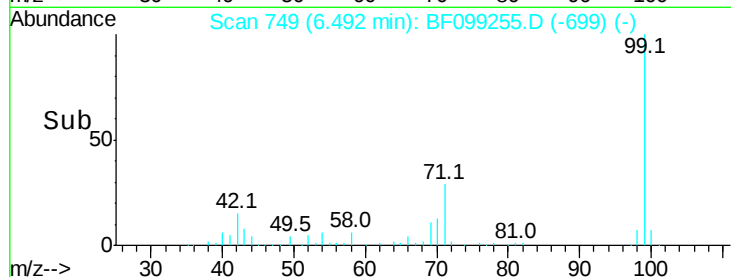
71 29.5 25.4 38.0



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: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099255.D

Acq: 9 Oct 2017 2:34

Tgt Ion: 136 Resp: 521425

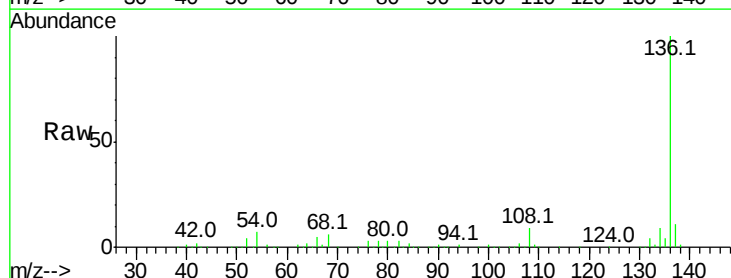
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 5.8 5.0 7.4

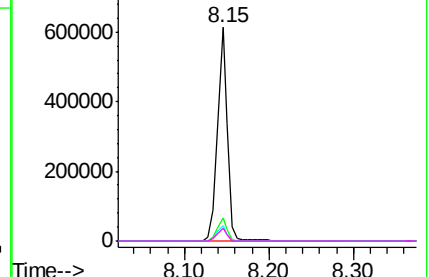
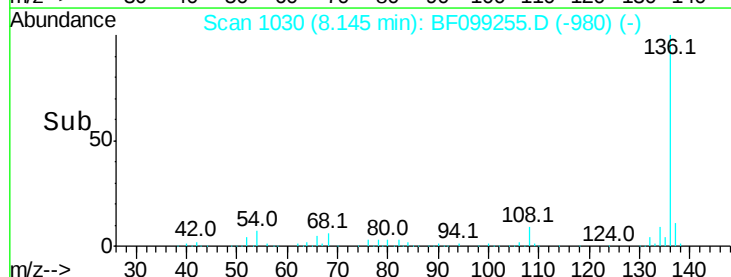


Abundance Ion 136.00 (135.70 to 136.70): E

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

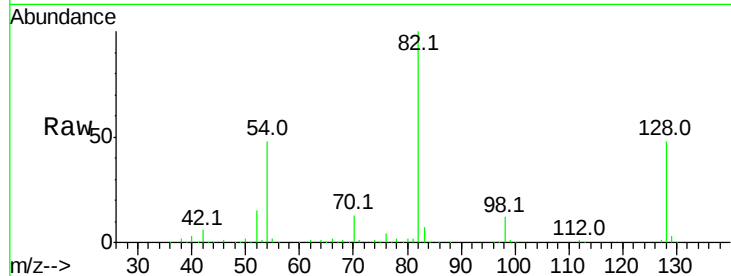




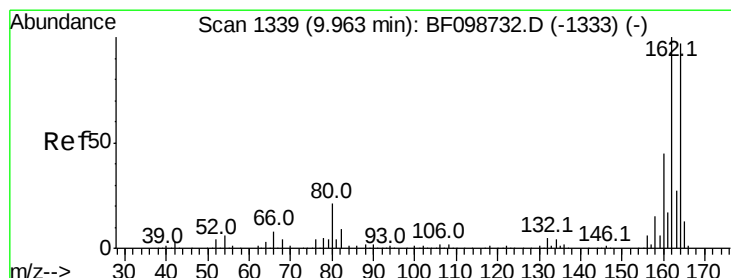
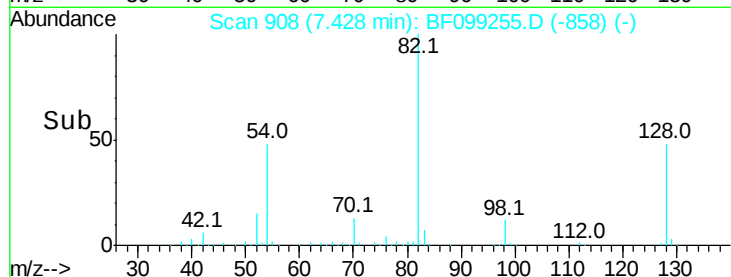
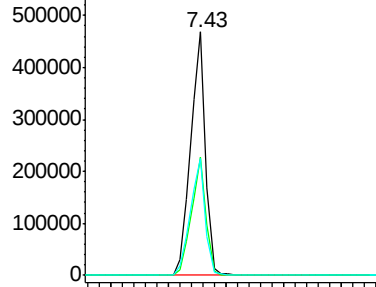
#23
Nitrobenzene-d5
Concen: 51.272 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099255.D
Acq: 9 Oct 2017 2:34

Instrument :
BNA_F
ClientSampleId :
100317-TIDO-F-D-S

Tot Ion	82	Resp	416877
Ion Ratio	Lower	Upper	
82	100		
128	48.3	36.1	54.1
54	48.0	41.4	62.2

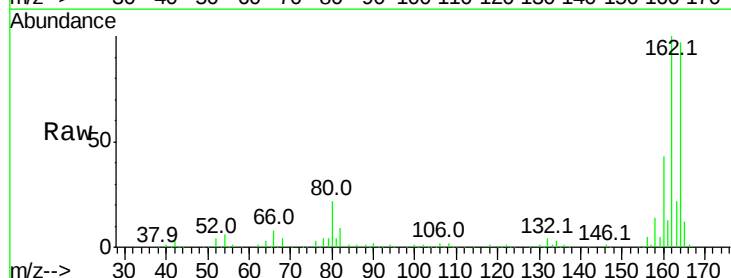


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

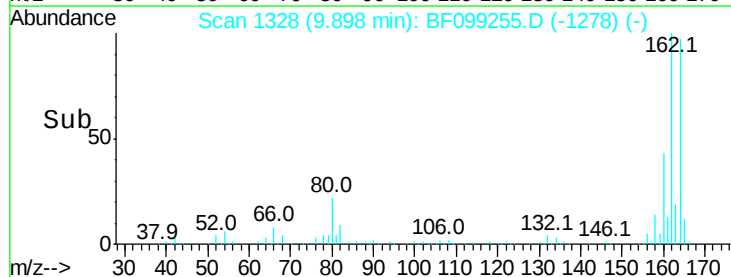
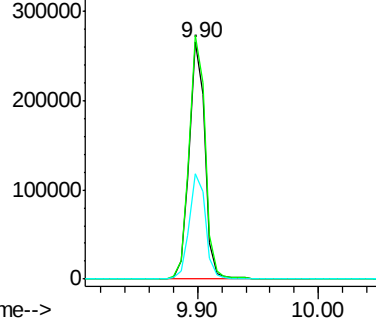


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099255.D
Acq: 9 Oct 2017 2:34

Tgt Ion	164	Resp	235700
Ion Ratio	Lower	Upper	
164	100		
162	102.8	86.1	129.1
160	44.4	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

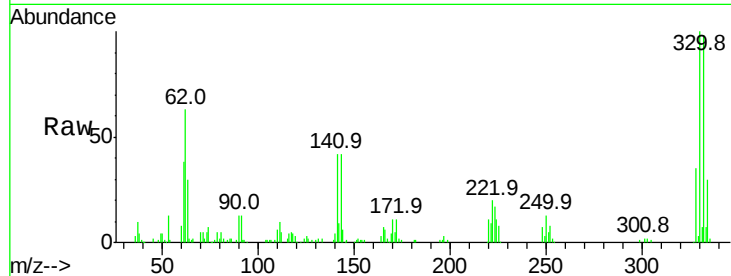




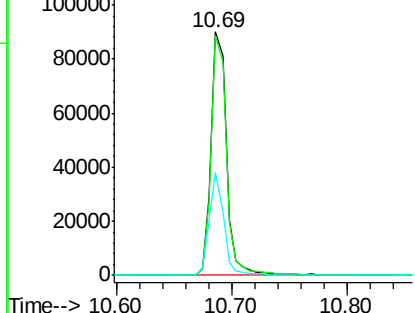
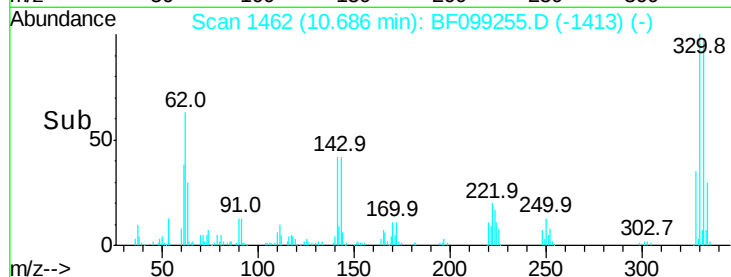
#41
 2,4,6-Tribromophenol
 Concen: 44.000 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099255.D
 Acq: 9 Oct 2017 2:34

Instrument :
 BNA_F
 ClientSampleId :
 100317-TIDO-F-D-S

Tot Ion:330 Resp: 84861
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 39.3 29.9 44.9

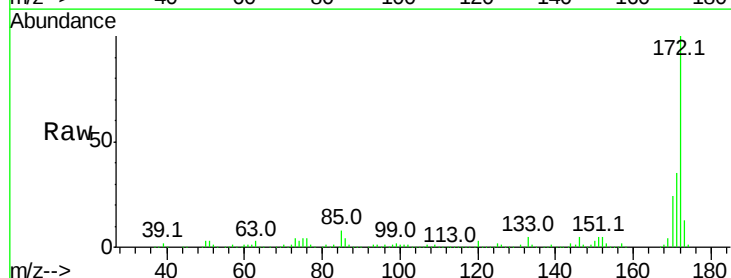


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

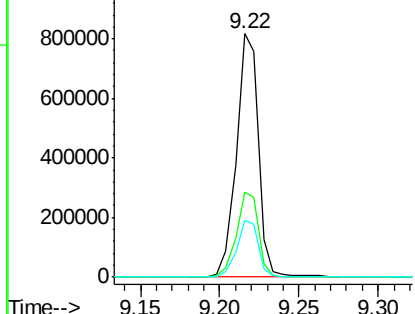
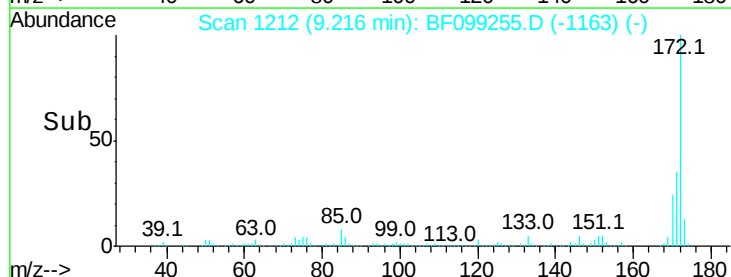


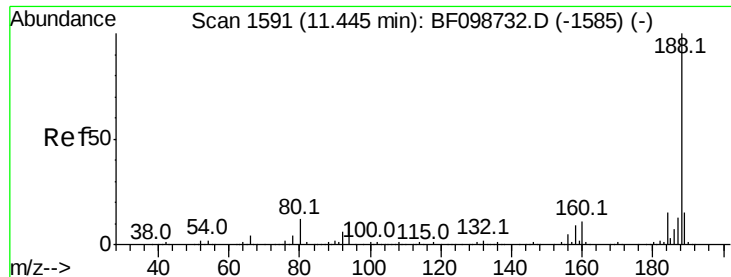
#44
 2-Fluorobiphenyl
 Concen: 55.717 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099255.D
 Acq: 9 Oct 2017 2:34

Tgt Ion:172 Resp: 786656
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 23.5 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: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF099255.D

Acq: 9 Oct 2017 2:34

Instrument :

BNA_F

ClientSampleId :

100317-TIDO-F-D-S

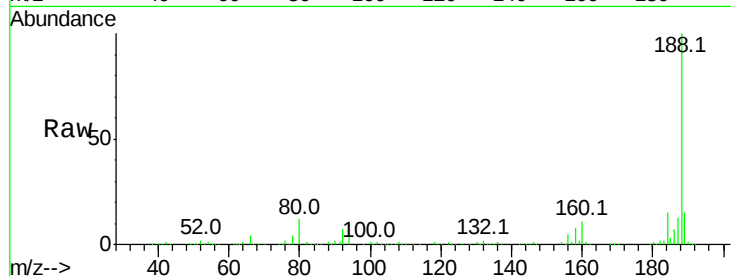
Tot Ion:188 Resp: 395380

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

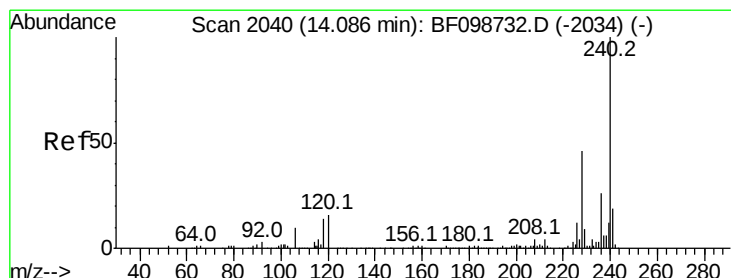
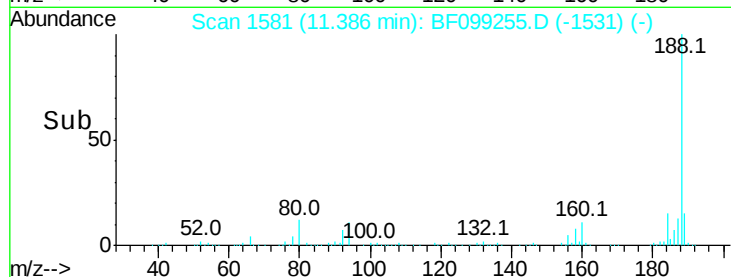
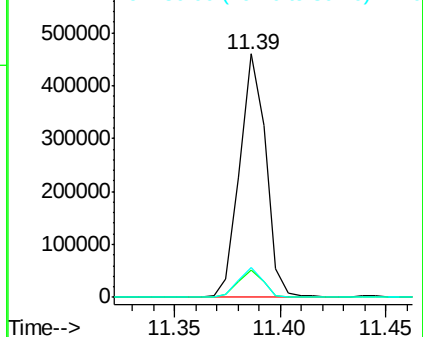
80 12.1 9.2 13.8



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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099255.D

Acq: 9 Oct 2017 2:34

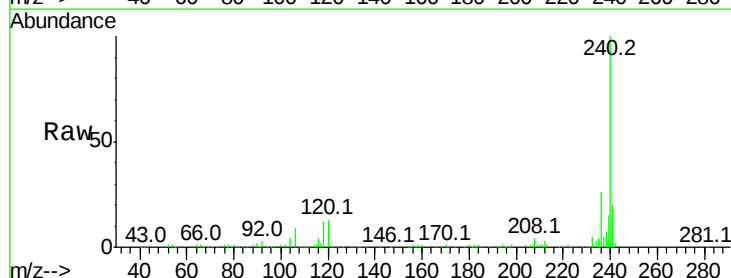
Tgt Ion:240 Resp: 235280

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

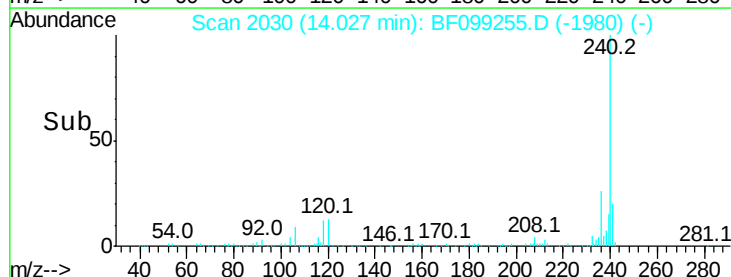
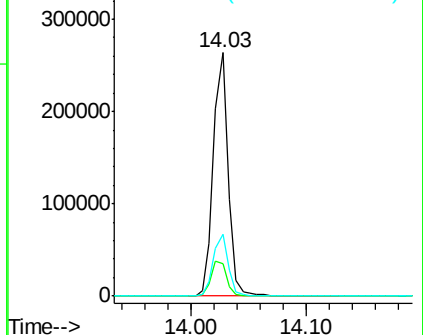
236 25.5 20.7 31.1



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: 61.659 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099255.D

Acq: 9 Oct 2017 2:34

Instrument :

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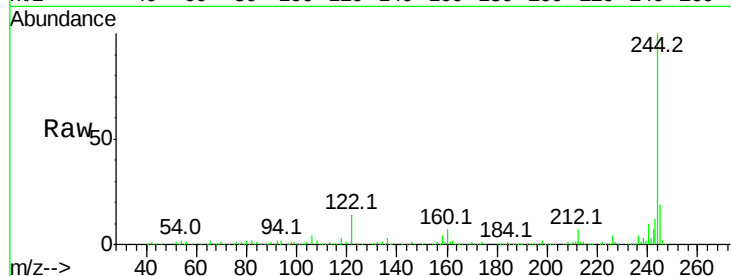
Tot Ion:244 Resp: 637898

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

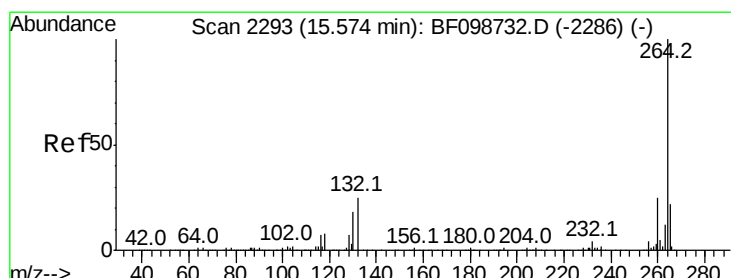
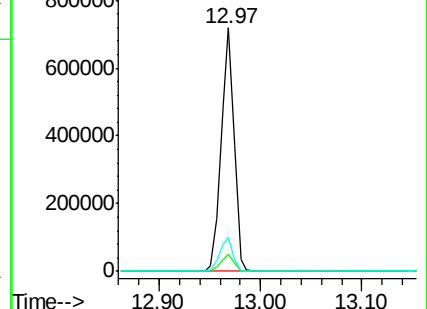
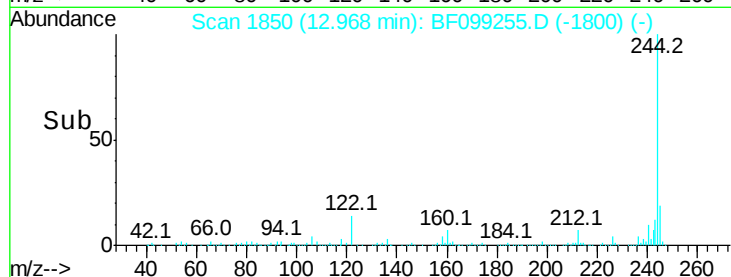
122 13.8 11.0 16.4



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: 15.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BF099255.D

Acq: 9 Oct 2017 2:34

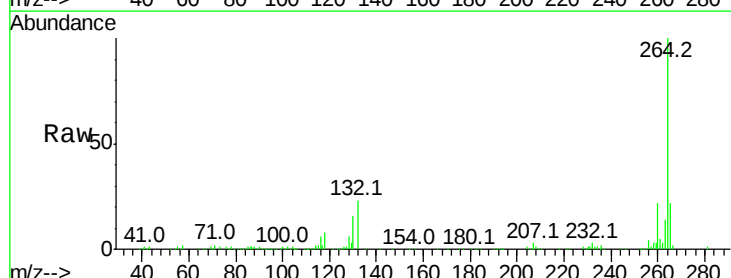
Tgt Ion:264 Resp: 213763

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.7 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

