

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101634.D
 Acq On : 22 Dec 2017 4:54
 Operator : SJ/JU
 Sample : I7008-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121817-DBRI-F-U-S

Quant Time: Dec 22 06:14:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	124209	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	456941	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	170859	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	267921	20.00	ng	0.00
75) Chrysene-d12	13.97	240	280890	20.00	ng	0.00
86) Perylene-d12	15.43	264	230542	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	323026	38.74	ng	0.00
7) Phenol-d6	6.44	99	229185	22.08	ng	0.00
23) Nitrobenzene-d5	7.36	82	734843	89.52	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	121700	73.92	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1127370	102.35	ng	0.00
78) Terphenyl-d14	12.90	244	803634	68.97	ng	0.00

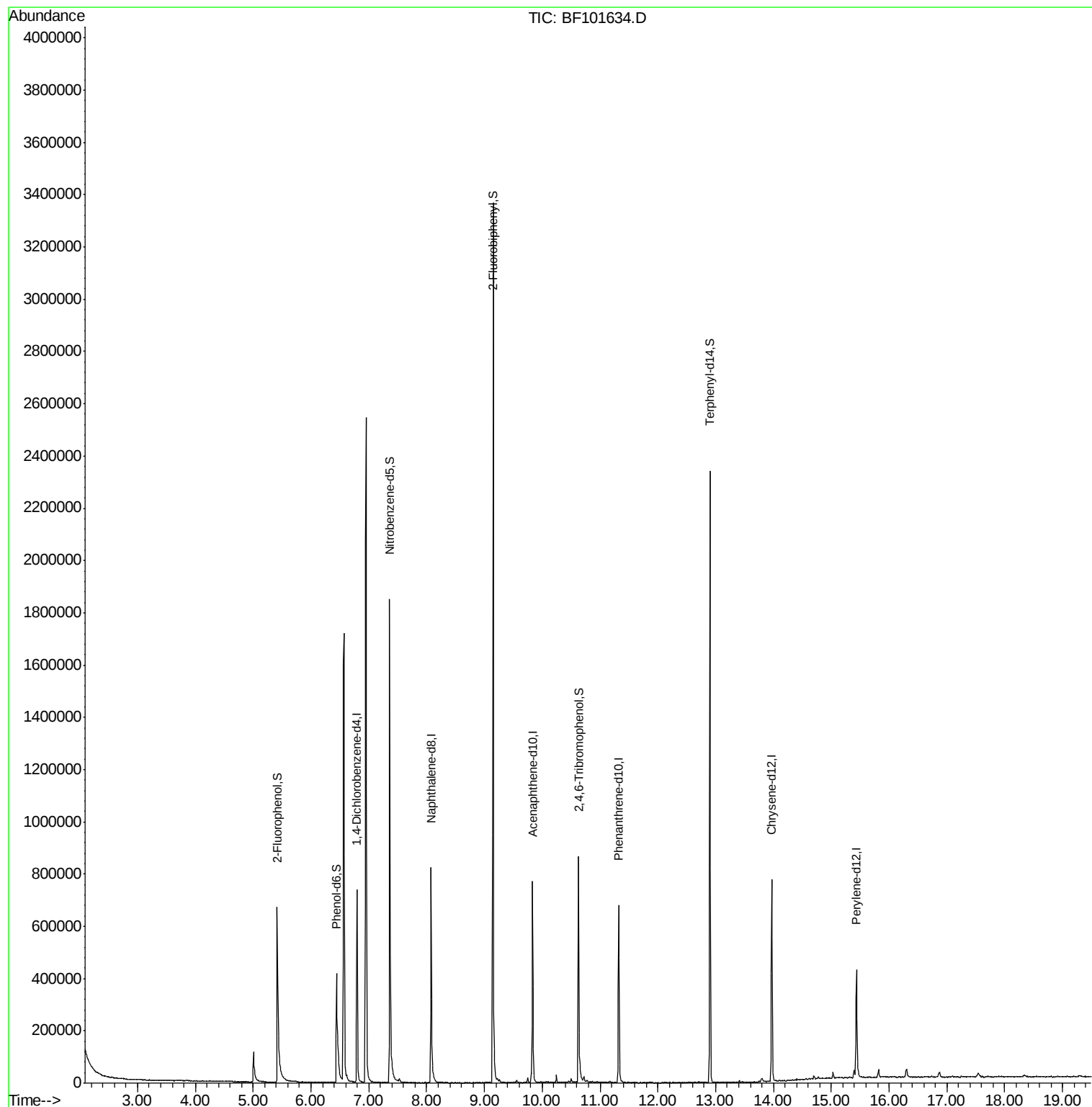
Target Compounds Qvalue

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

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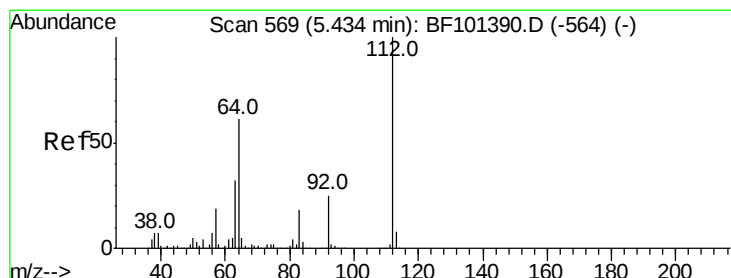
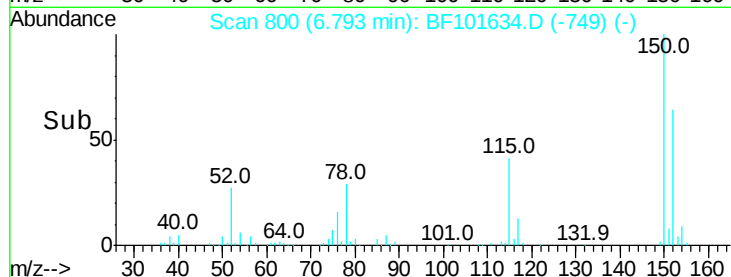
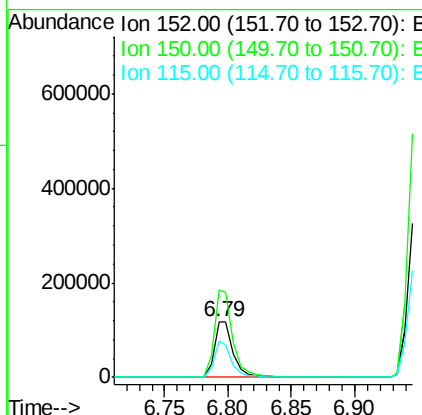
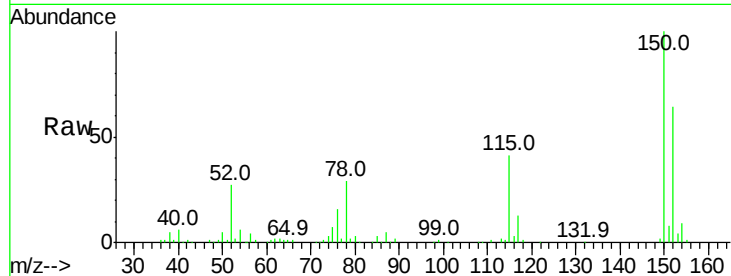


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF101634.D
Acq: 22 Dec 2017 4:54

Instrument :
BNA_F
ClientSampleId :
121817-DBRI-F-U-S

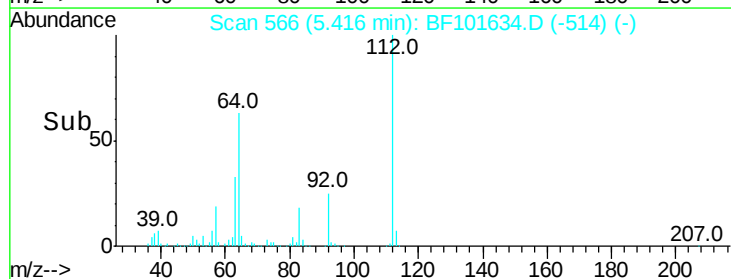
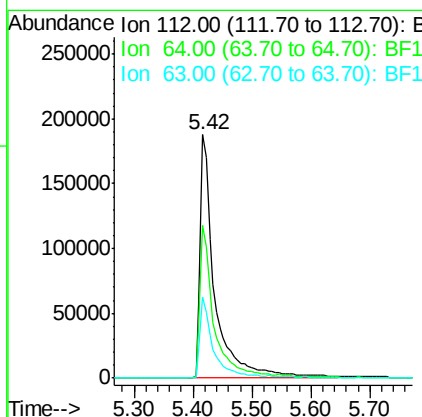
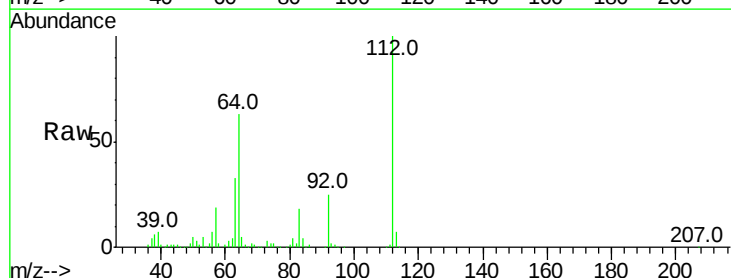
Tot Ion:152 Resp: 124209
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 63.8 50.1 75.1

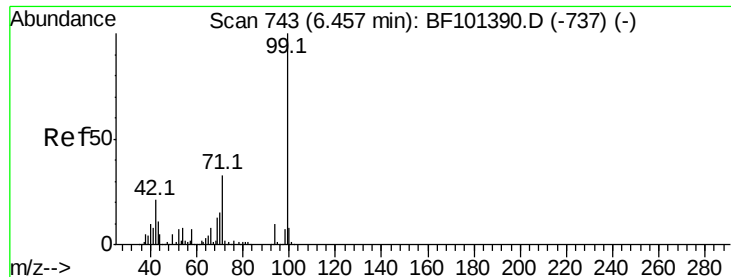


#5

2-Fluorophenol
Concen: 38.739 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101634.D
Acq: 22 Dec 2017 4:54

Tgt Ion:112 Resp: 323026
Ion Ratio Lower Upper
112 100
64 62.6 47.9 71.9
63 33.1 23.7 35.5





#7

Phenol-d6

Concen: 22.085 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101634.D

Acq: 22 Dec 2017 4:54

Instrument :

BNA_F

ClientSampleId :

121817-DBRI-F-U-S

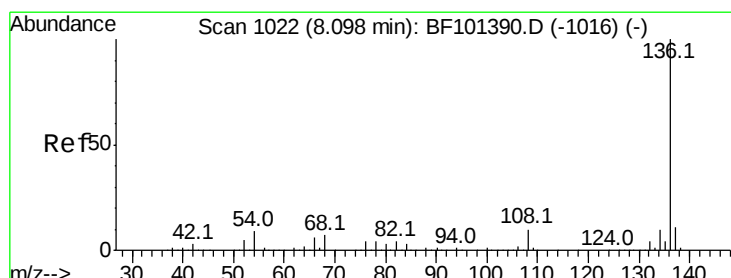
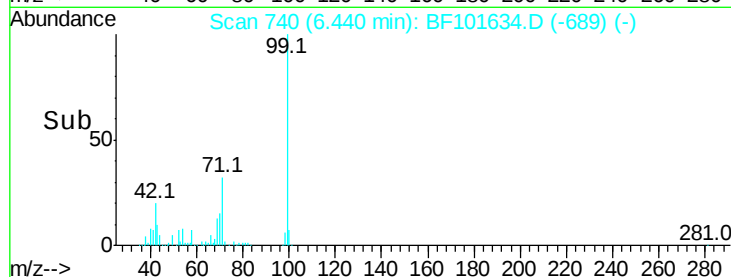
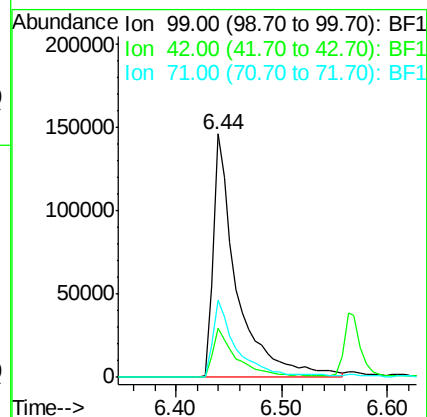
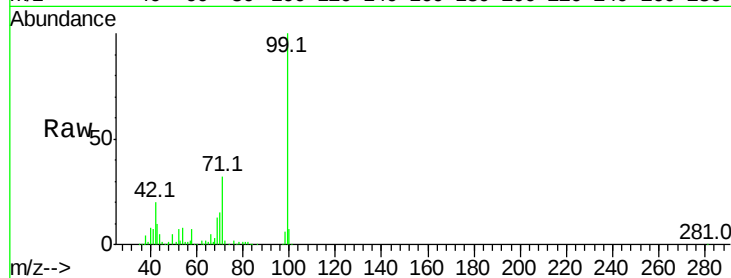
Tot Ion: 99 Resp: 229185

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 31.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101634.D

Acq: 22 Dec 2017 4:54

Tgt Ion: 136 Resp: 456941

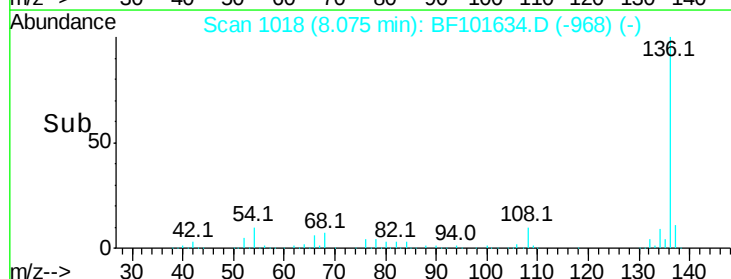
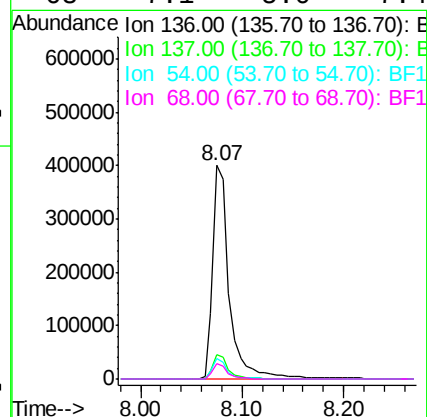
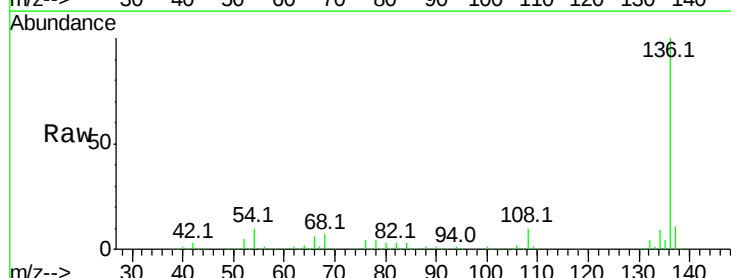
Ion Ratio Lower Upper

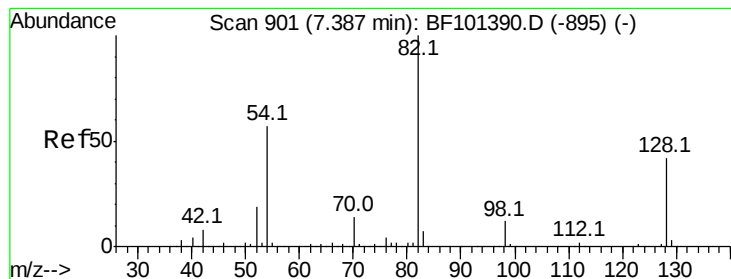
136 100

137 11.1 8.9 13.3

54 9.6 6.6 9.8

68 7.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 89.521 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF101634.D

Acq: 22 Dec 2017 4:54

Instrument :

BNA_F

ClientSampleId :

121817-DBRI-F-U-S

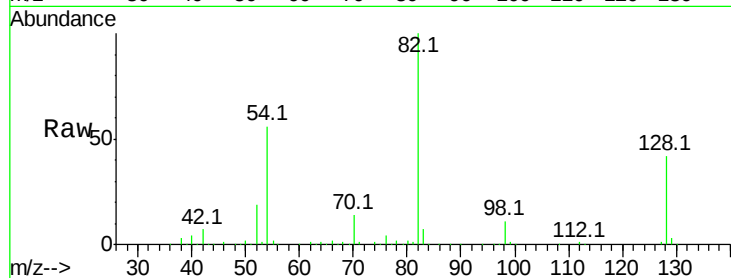
Tot Ion: 82 Resp: 734843

Ion Ratio Lower Upper

82 100

128 41.5 36.1 54.1

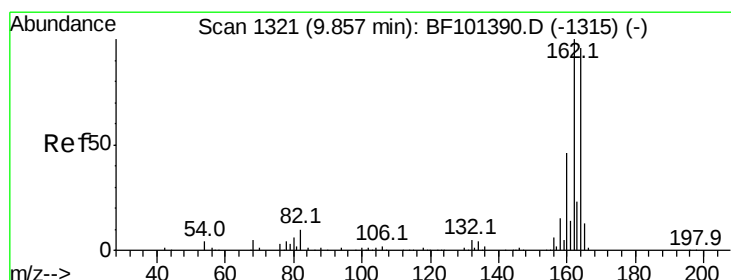
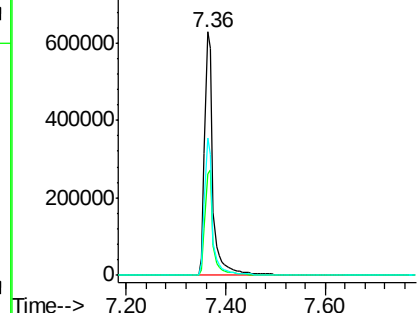
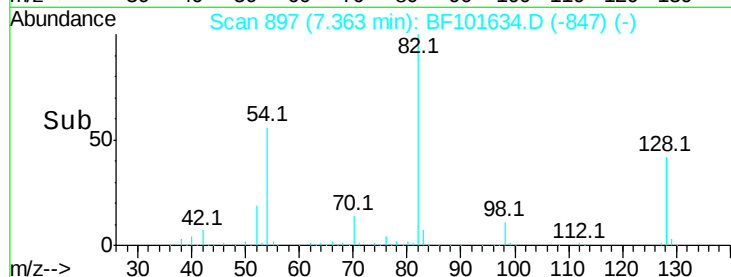
54 56.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF101634.D

Acq: 22 Dec 2017 4:54

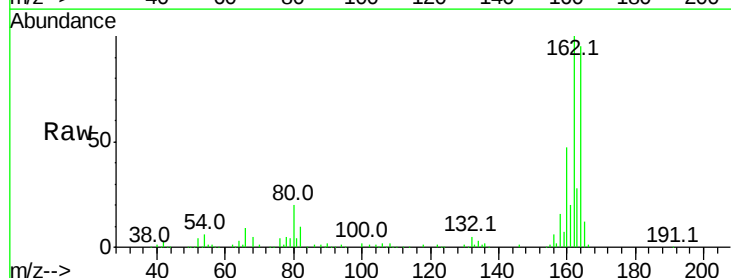
Tgt Ion: 164 Resp: 170859

Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

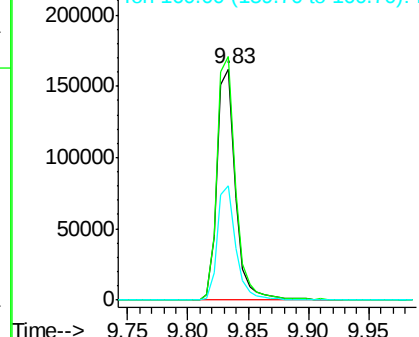
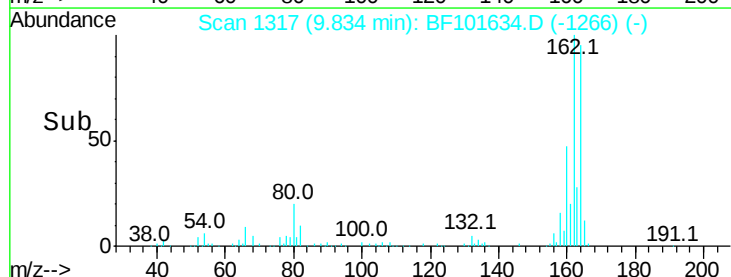
160 49.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

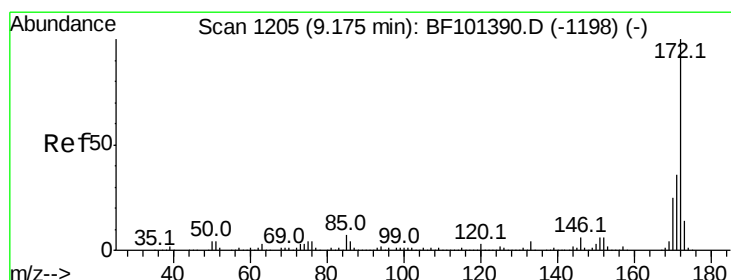
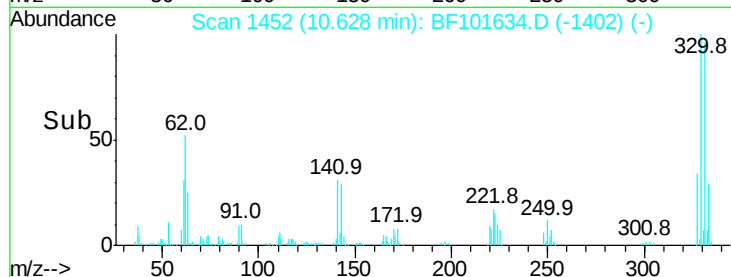
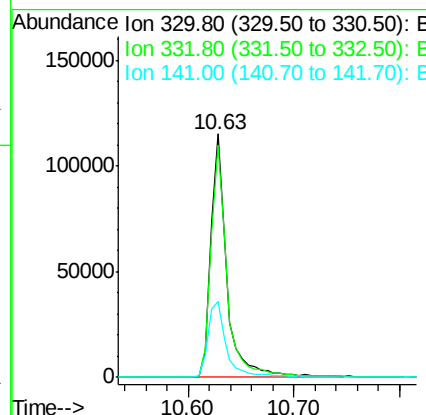
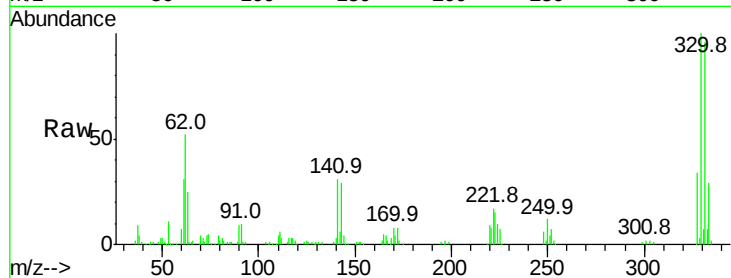




#41
 2,4,6-Tribromophenol
 Concen: 73.921 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101634.D
 Acq: 22 Dec 2017 4:54

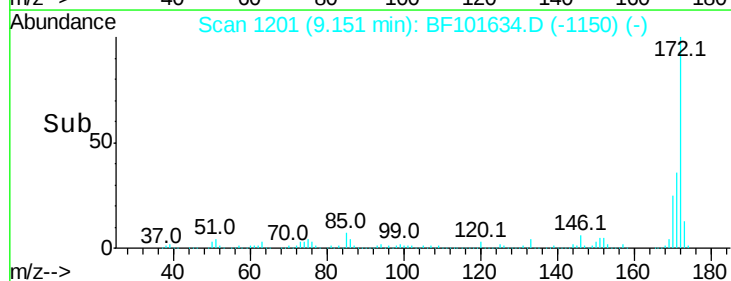
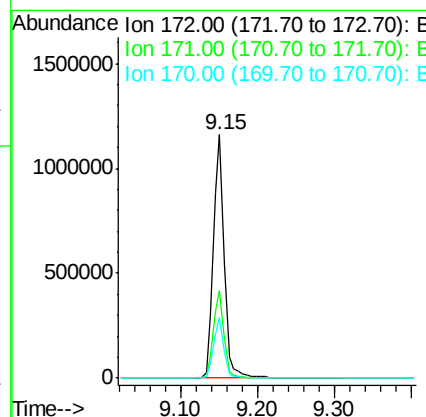
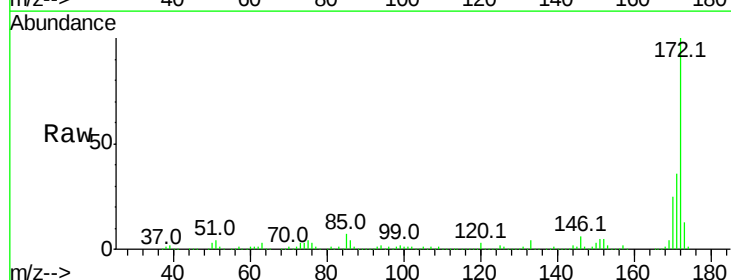
Instrument :
 BNA_F
 ClientSampleId :
 121817-DBRI-F-U-S

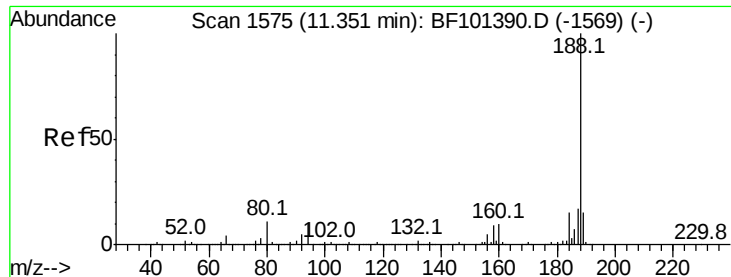
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	36.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 102.355 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101634.D
 Acq: 22 Dec 2017 4:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	25.1	19.6	29.4

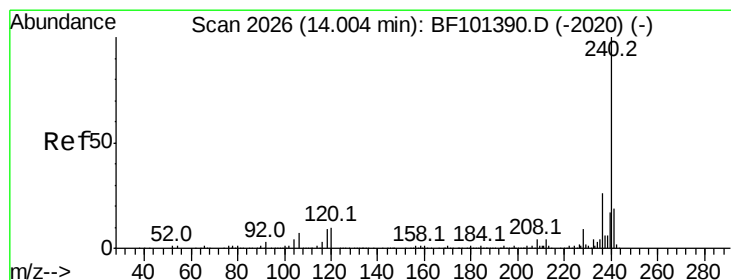
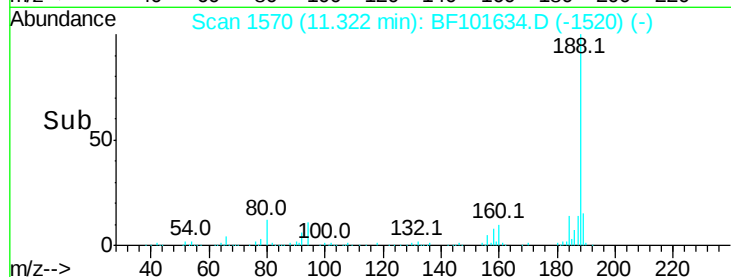
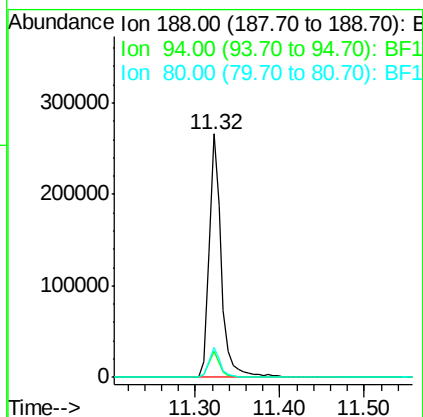
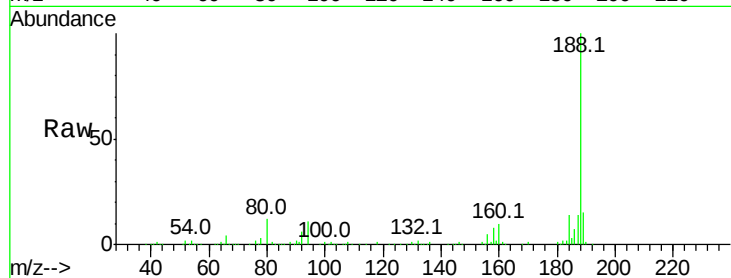




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101634.D
Acq: 22 Dec 2017 4:54

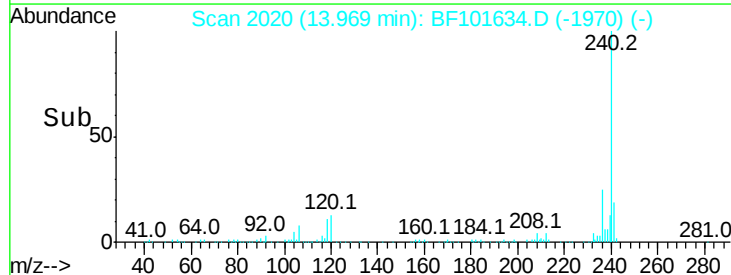
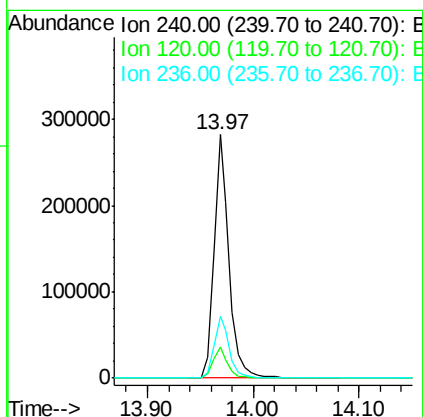
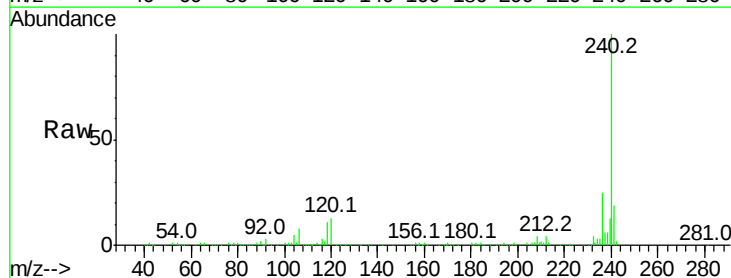
Instrument :
BNA_F
ClientSampleId :
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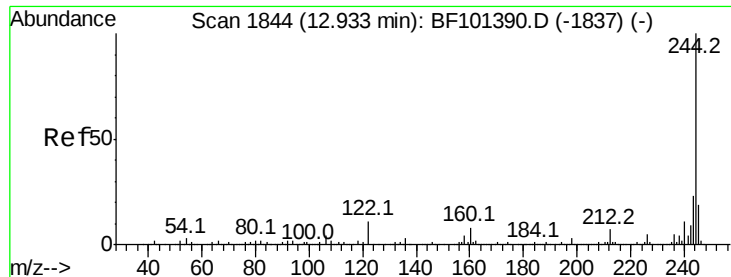
Tot Ion:188 Resp: 267921
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 12.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101634.D
Acq: 22 Dec 2017 4:54

Tgt Ion:240 Resp: 280890
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 68.973 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101634.D

Acq: 22 Dec 2017 4:54

Instrument :

BNA_F

ClientSampleId :

121817-DBRI-F-U-S

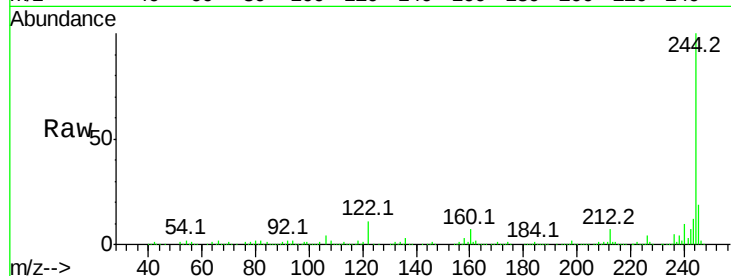
Tot Ion:244 Resp: 803634

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

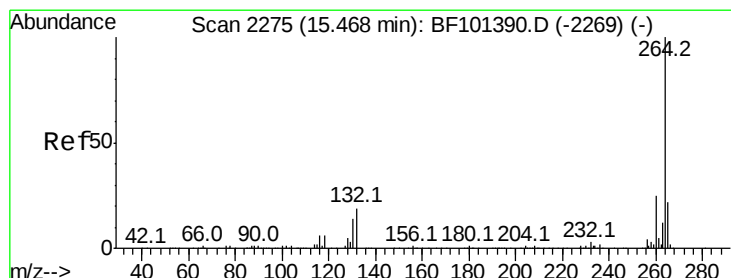
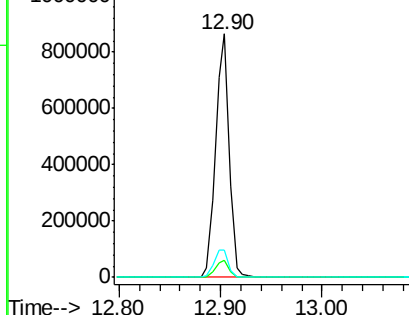
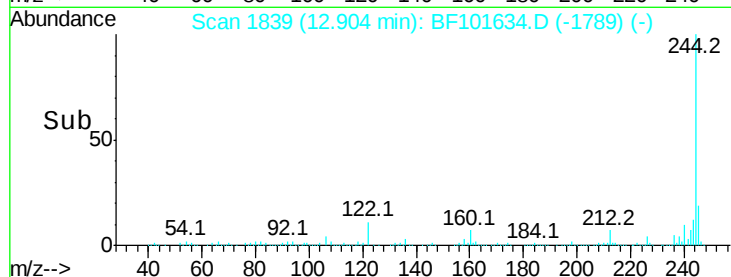
122 11.2 11.0 16.4



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: 15.43 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF101634.D

Acq: 22 Dec 2017 4:54

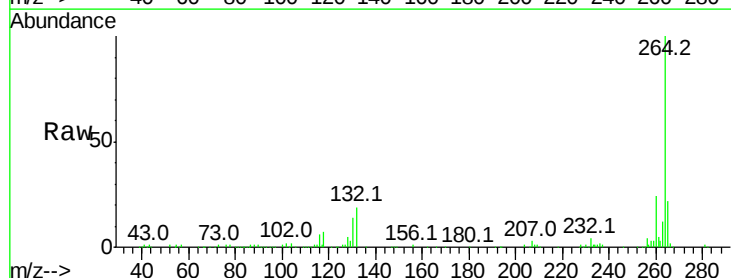
Tgt Ion:264 Resp: 230542

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.3 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

