

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101193.D
 Acq On : 7 Dec 2017 3:38
 Operator : SJ/JU
 Sample : I6656-06 2X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BART-2-E(0-1)

Quant Time: Dec 07 05:41:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

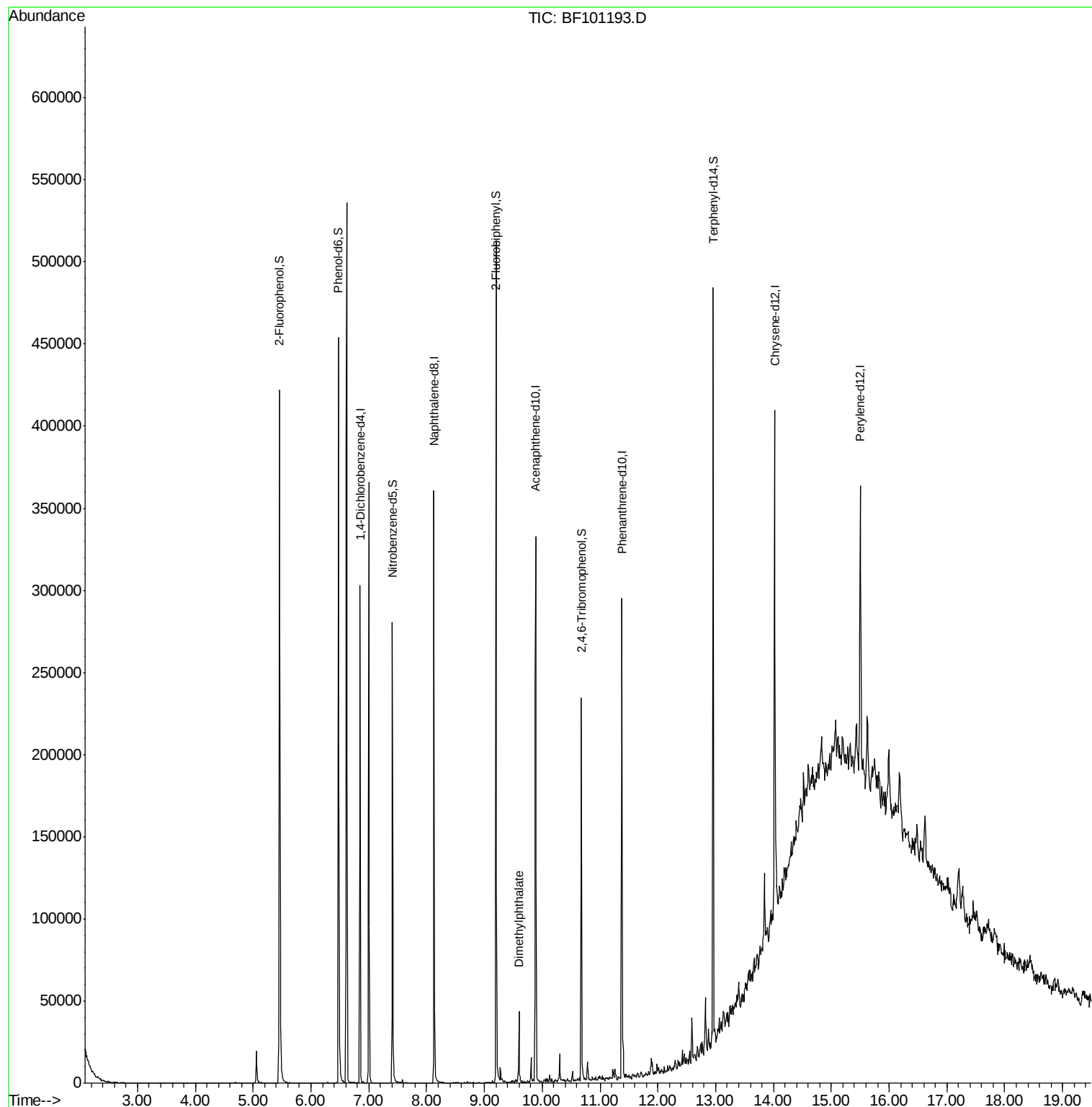
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	42785	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	154822	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	62454	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	104004	20.00	ng	0.00
75) Chrysene-d12	14.02	240	100860	20.00	ng	0.00
86) Perylene-d12	15.50	264	77108	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	121909	47.08	ng	0.00
7) Phenol-d6	6.47	99	141161	44.91	ng	0.00
23) Nitrobenzene-d5	7.41	82	83858	32.31	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	28616	38.14	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	177207	38.82	ng	0.00
78) Terphenyl-d14	12.96	244	140347	30.44	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.60	163	18387	3.651	ng	Qvalue 100

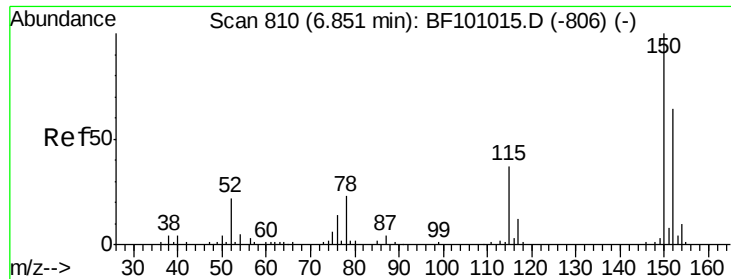
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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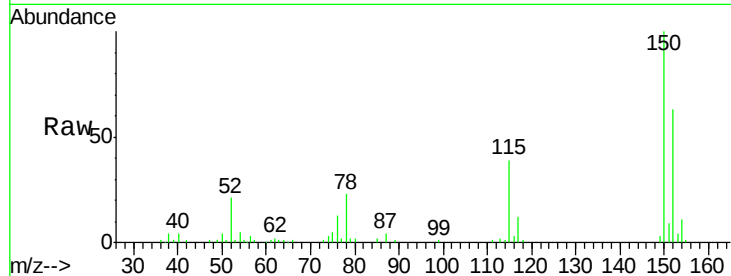


#1

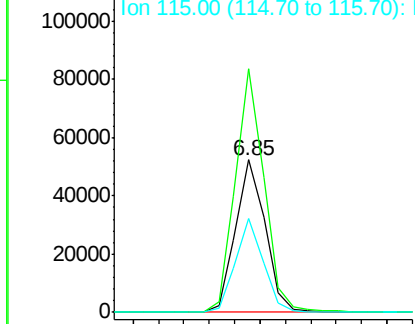
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101193.D
Acq: 7 Dec 2017 3:38

Instrument :
BNA_F
ClientSampleId :
BART-2-E(0-1)

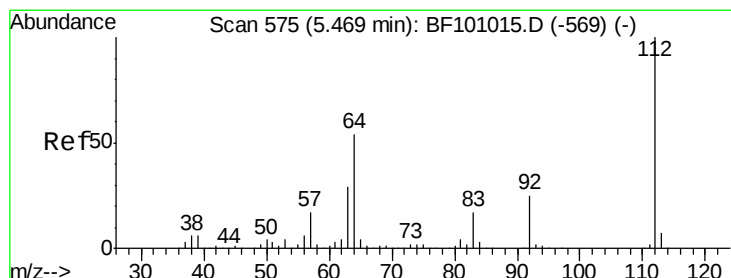
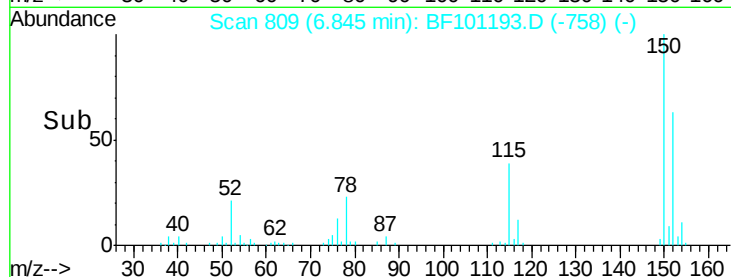
Tot Ion:152 Resp: 42785
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 62.0 50.1 75.1



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



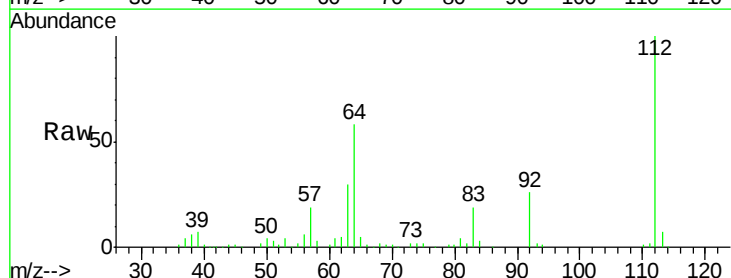
Time--> 6.80 6.85 6.90



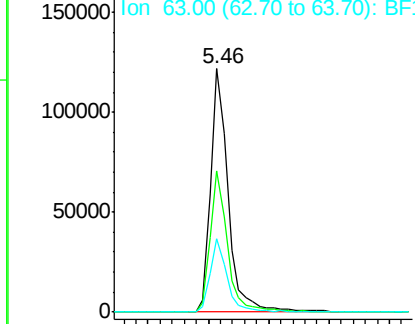
#5

2-Fluorophenol
Concen: 47.084 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF101193.D
Acq: 7 Dec 2017 3:38

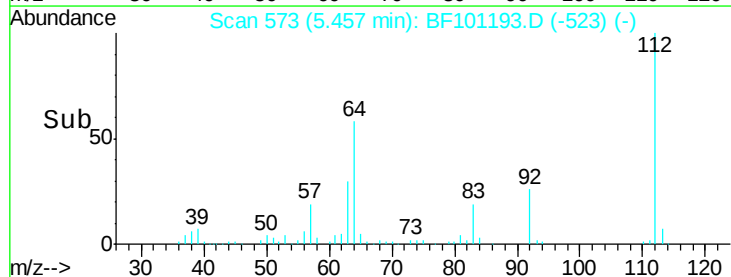
Tgt Ion:112 Resp: 121909
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 30.3 23.7 35.5

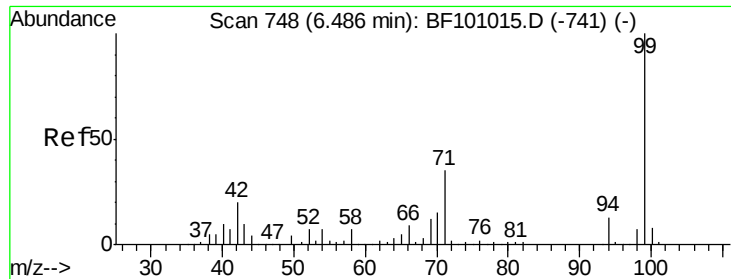


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time--> 5.40 5.45 5.50 5.55 5.60





#7

Phenol-d6

Concen: 44.905 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101193.D

Acq: 7 Dec 2017 3:38

Instrument :

BNA_F

ClientSampleId :

BART-2-E(0-1)

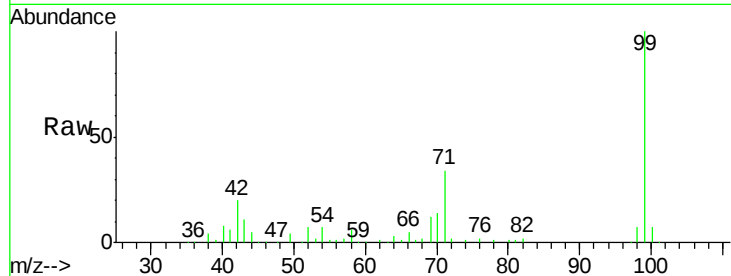
Tot Ion: 99 Resp: 141161

Ion Ratio Lower Upper

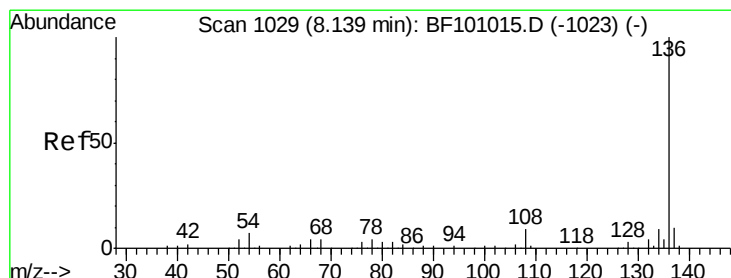
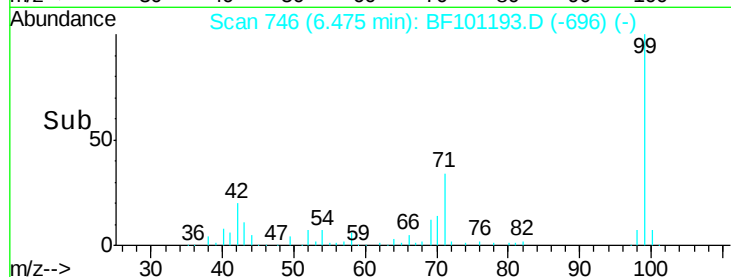
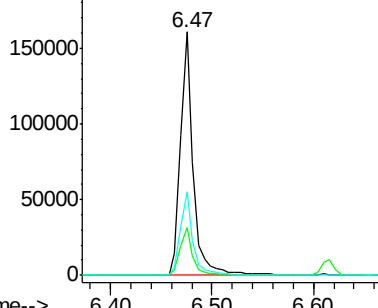
99 100

42 19.7 14.5 21.7

71 34.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101193.D

Acq: 7 Dec 2017 3:38

Tgt Ion: 136 Resp: 154822

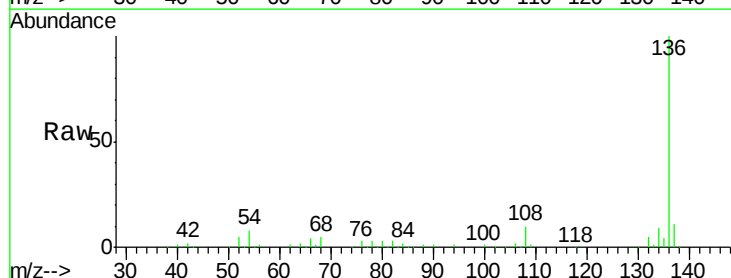
Ion Ratio Lower Upper

136 100

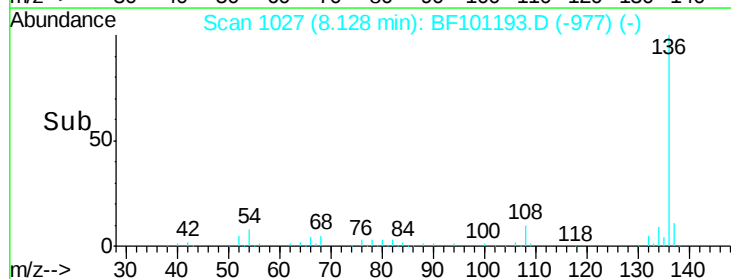
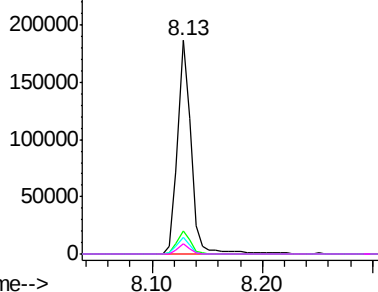
137 10.8 8.9 13.3

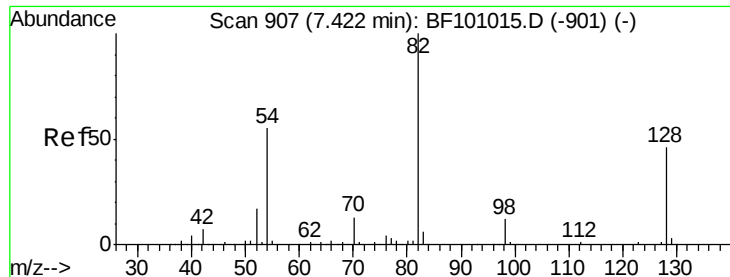
54 7.6 6.6 9.8

68 4.6 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): BF1
Ion 68.00 (67.70 to 68.70): BF1

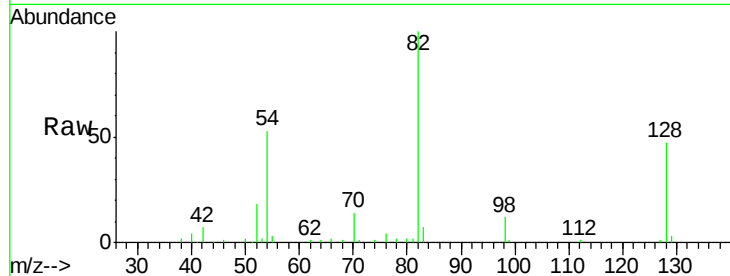




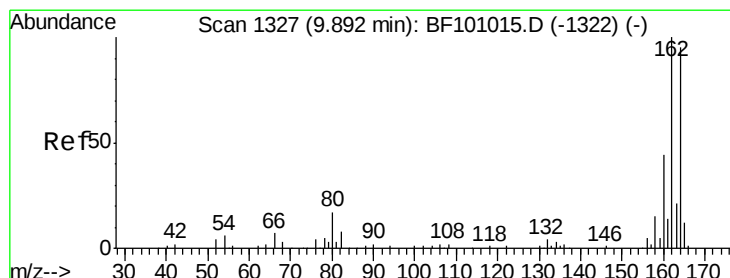
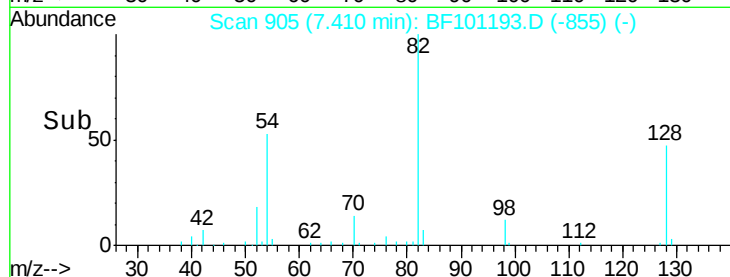
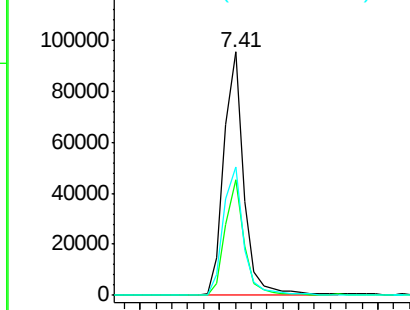
#23
 Nitrobenzene-d5
 Concen: 32.311 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF101193.D
 Acq: 7 Dec 2017 3:38

Instrument :
 BNA_F
 ClientSampleId :
 BART-2-E(0-1)

Tot Ion: 82 Resp: 83858
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.1 54.1
 54 53.0 41.4 62.2

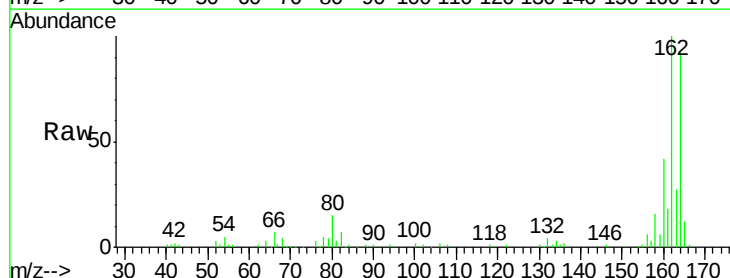


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

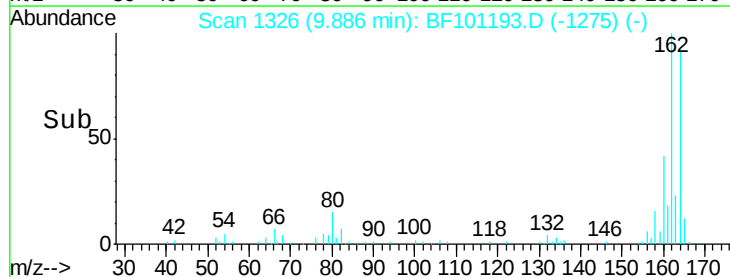
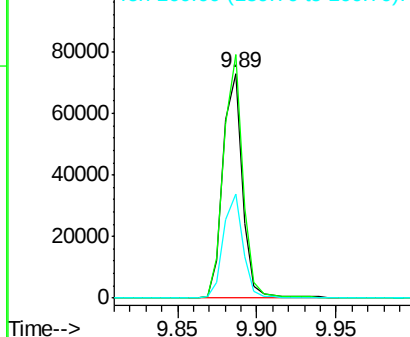


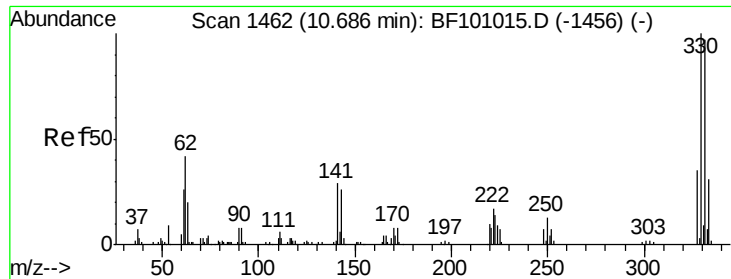
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101193.D
 Acq: 7 Dec 2017 3:38

Tgt Ion:164 Resp: 62454
 Ion Ratio Lower Upper
 164 100
 162 108.3 86.1 129.1
 160 46.0 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

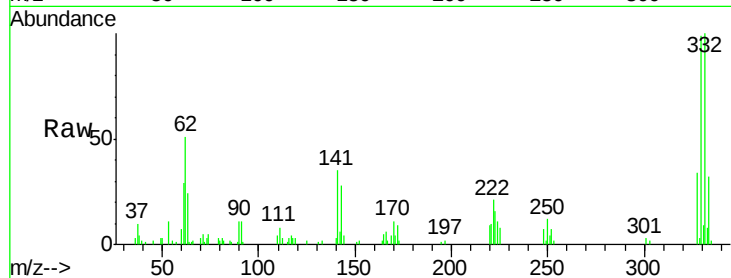




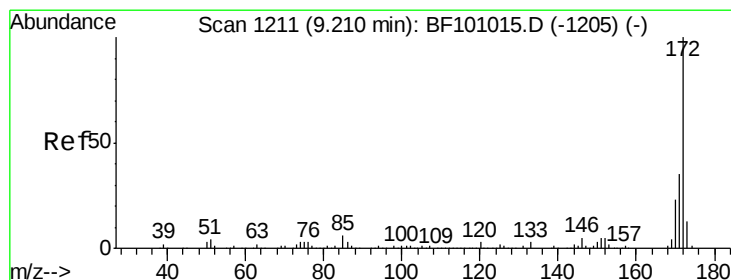
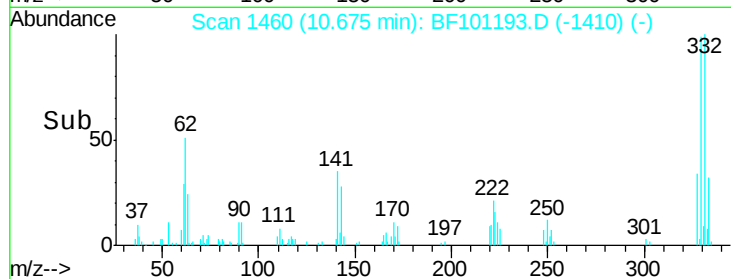
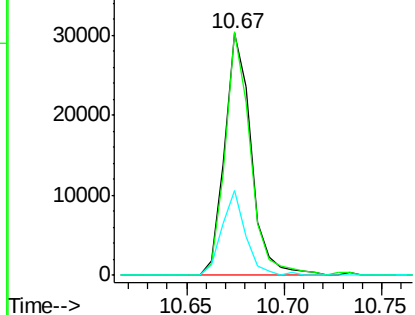
#41
 2,4,6-Tribromophenol
 Concen: 38.142 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101193.D
 Acq: 7 Dec 2017 3:38

Instrument :
 BNA_F
 ClientSampleId :
 BART-2-E(0-1)

Tot Ion:330 Resp: 28616
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 31.4 29.9 44.9

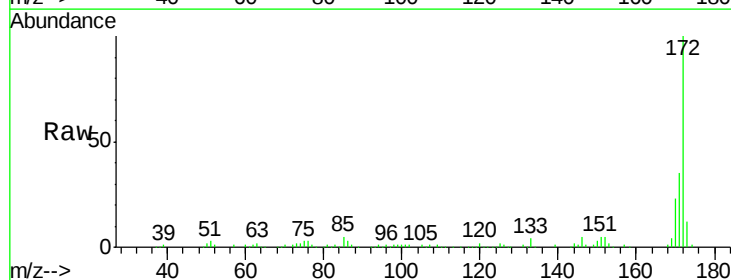


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

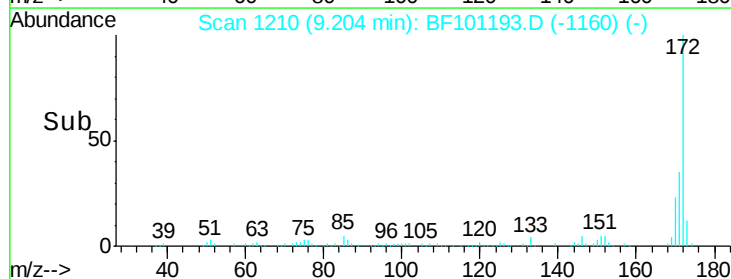
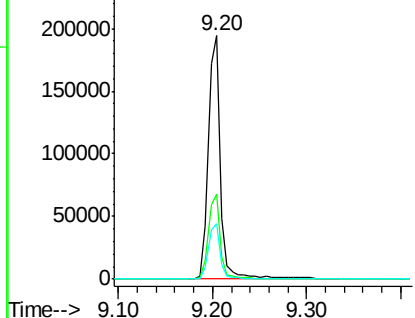


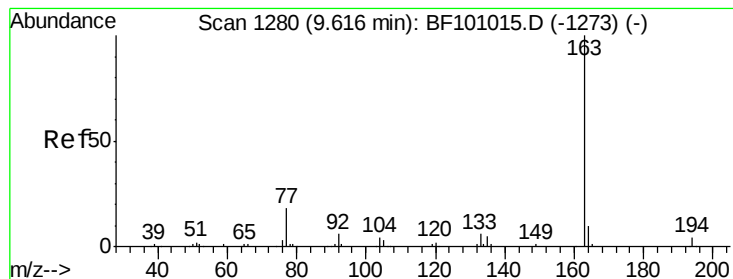
#44
 2-Fluorobiphenyl
 Concen: 38.821 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101193.D
 Acq: 7 Dec 2017 3:38

Tgt Ion:172 Resp: 177207
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 22.7 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





#49

Dimethylphthalate

Concen: 3.651 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF101193.D

Acq: 7 Dec 2017 3:38

Instrument :

BNA_F

ClientSampleId :

BART-2-E(0-1)

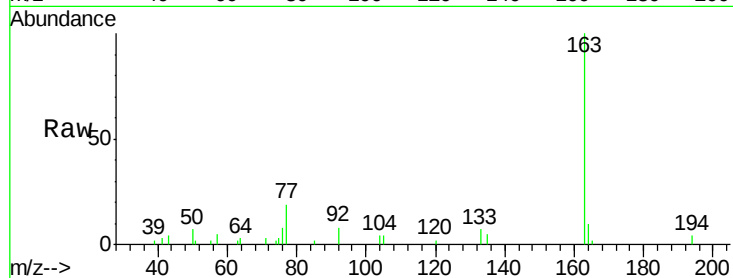
Tot Ion:163 Resp: 18387

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

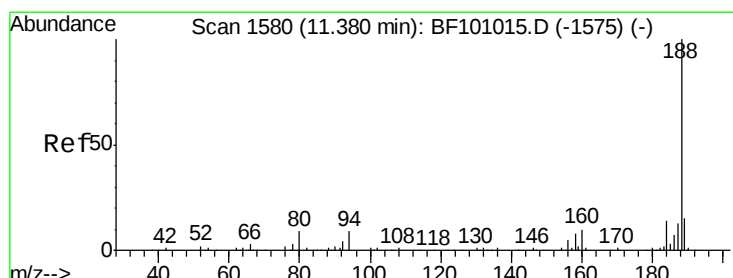
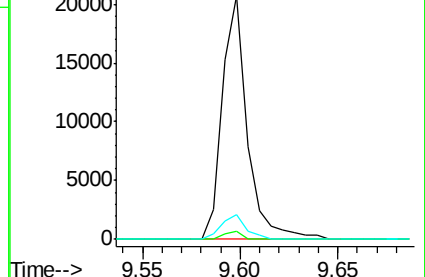
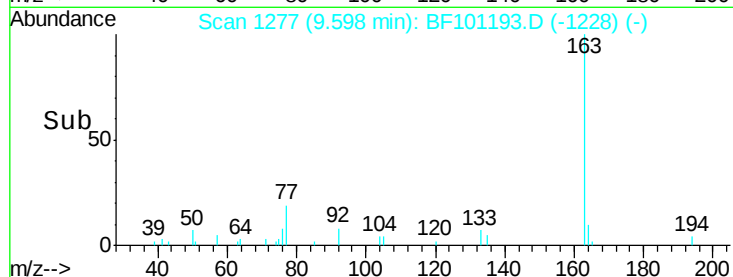
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF101193.D

Acq: 7 Dec 2017 3:38

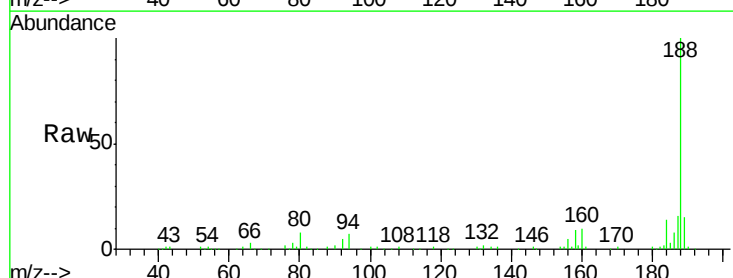
Tgt Ion:188 Resp: 104004

Ion Ratio Lower Upper

188 100

94 7.4 8.5 12.7#

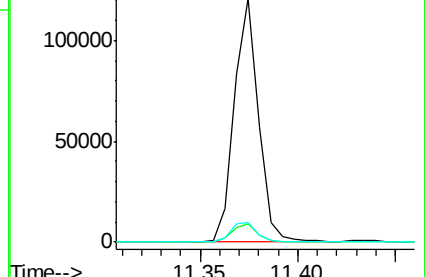
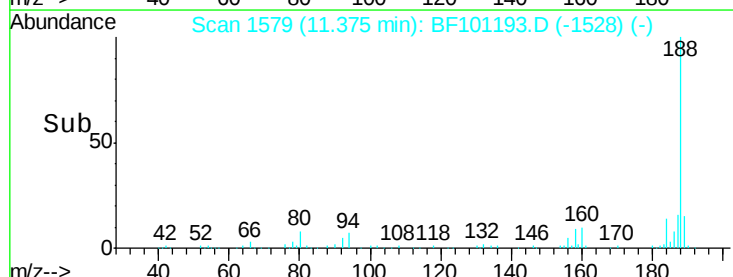
80 8.1 9.2 13.8#

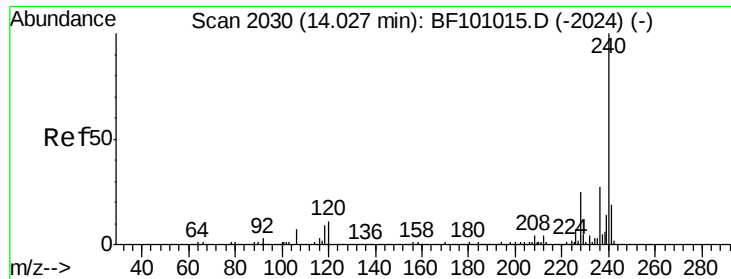


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

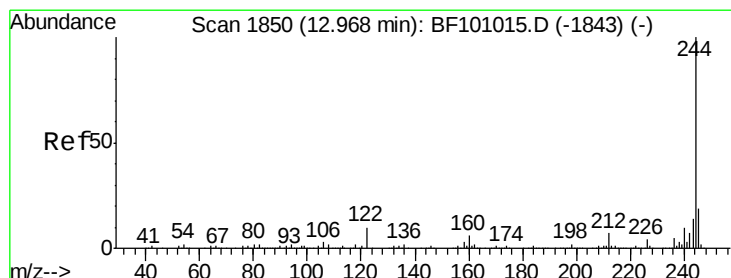
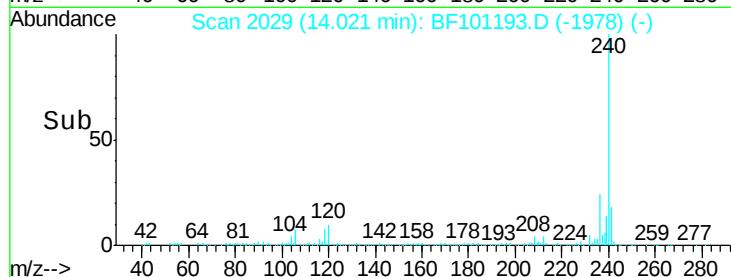
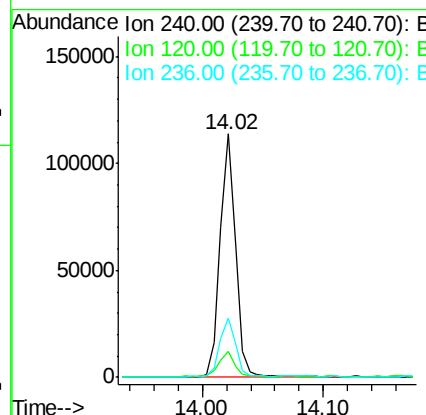
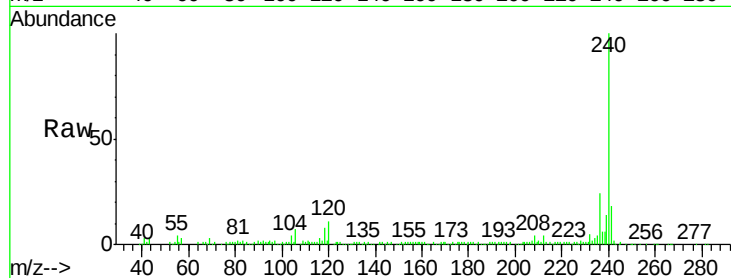




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF101193.D
 Acq: 7 Dec 2017 3:38

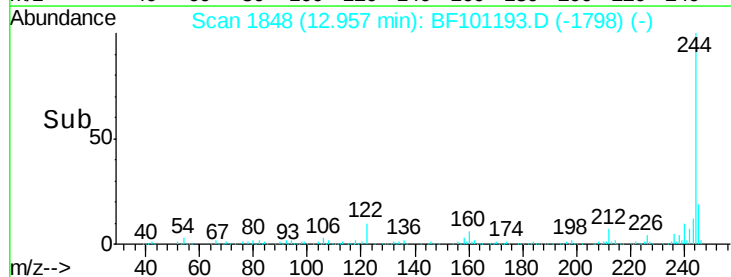
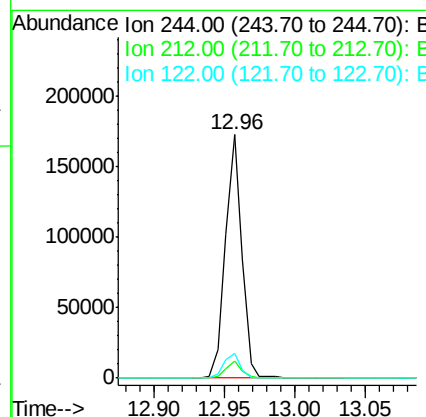
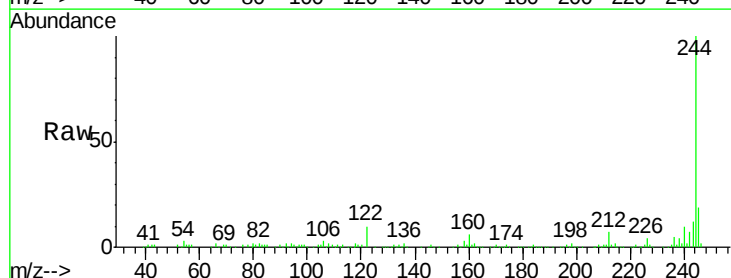
Instrument :
 BNA_F
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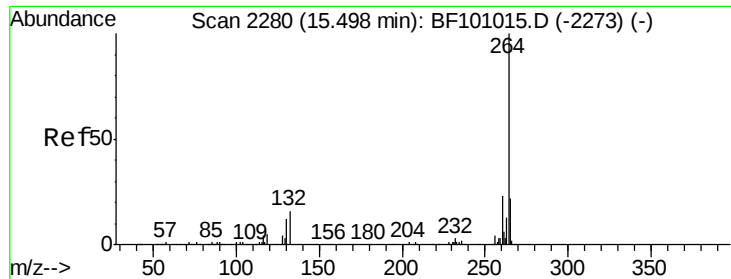
Tot Ion:240 Resp: 100860
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.5 14.3
 236 24.4 20.7 31.1



#78
 Terphenyl-d14
 Concen: 30.436 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101193.D
 Acq: 7 Dec 2017 3:38

Tgt Ion:244 Resp: 140347
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.2 11.0 16.4#

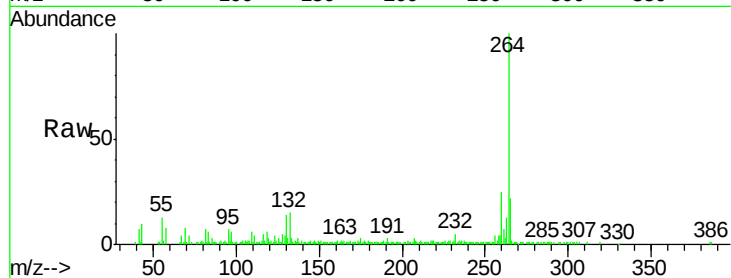




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF101193.D
Acq: 7 Dec 2017 3:38

Instrument :
BNA_F
ClientSampleId :
BART-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.9	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

