

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101195.D
 Acq On : 7 Dec 2017 4:32
 Operator : SJ/JU
 Sample : I6656-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Dec 07 05:58:23 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

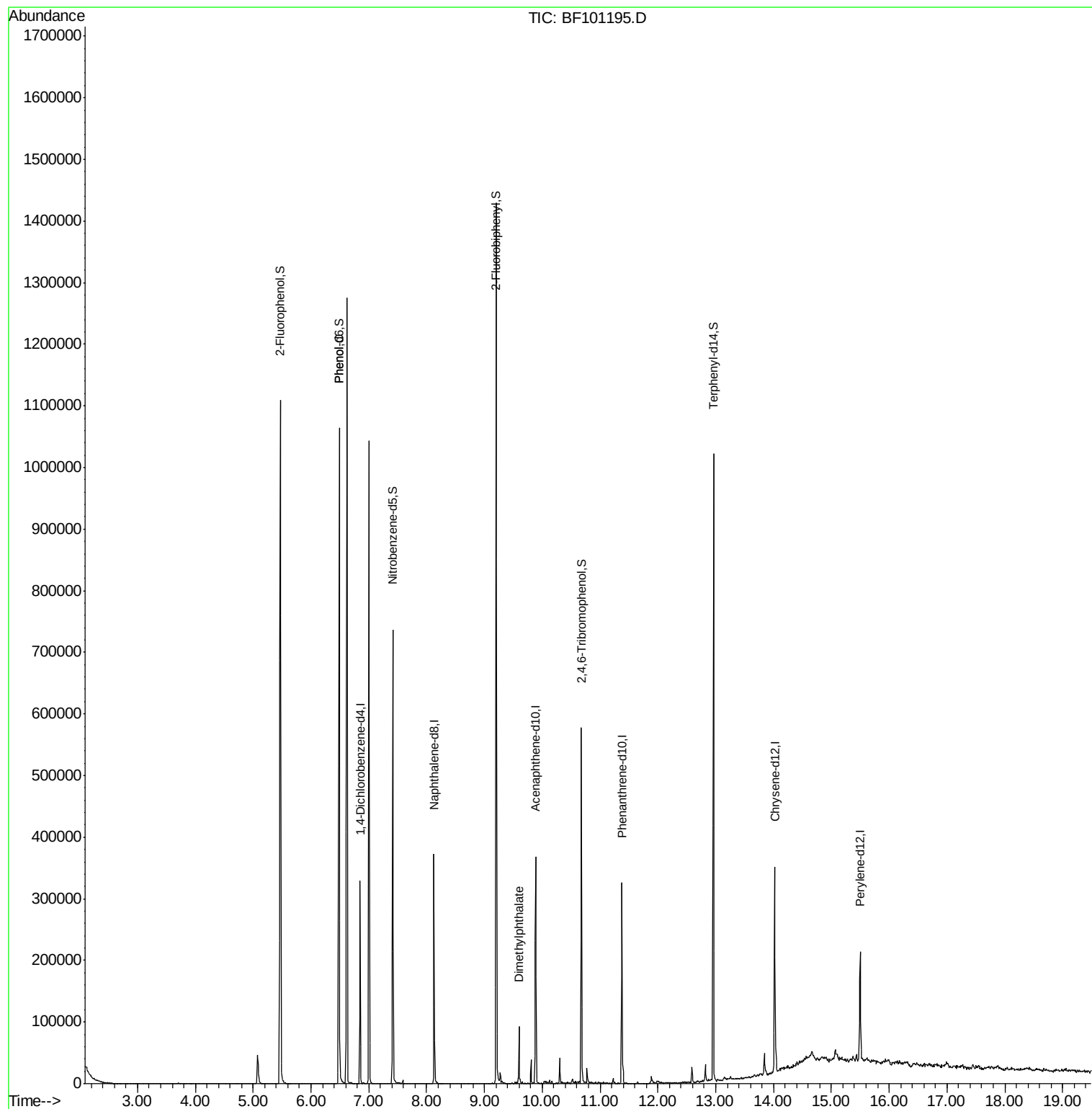
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	48947	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	173839	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	67676	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	113592	20.00	ng	0.00
75) Chrysene-d12	14.02	240	109332	20.00	ng	0.00
86) Perylene-d12	15.50	264	85111	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	315656	106.57	ng	0.00
7) Phenol-d6	6.49	99	370706	103.08	ng	0.00
23) Nitrobenzene-d5	7.42	82	217585	74.66	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	73137	89.96	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	440860	89.13	ng	0.00
78) Terphenyl-d14	12.96	244	356976	71.42	ng	0.00
Target Compounds						
10) Phenol	6.49	94	10030	2.508	ng	Qvalue # 63
49) Dimethylphthalate	9.60	163	37569	6.883	ng	# 99

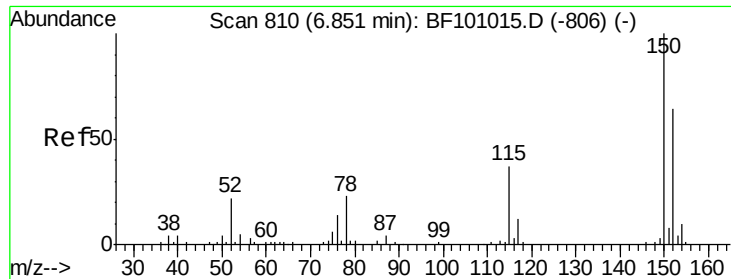
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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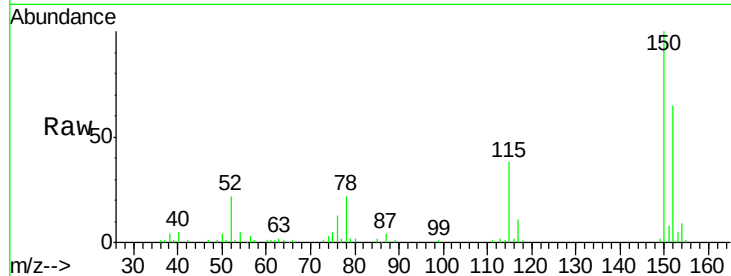


#1

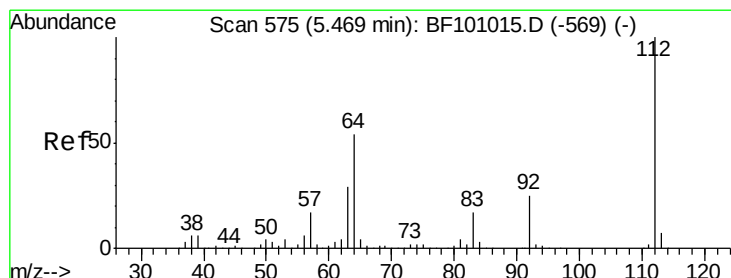
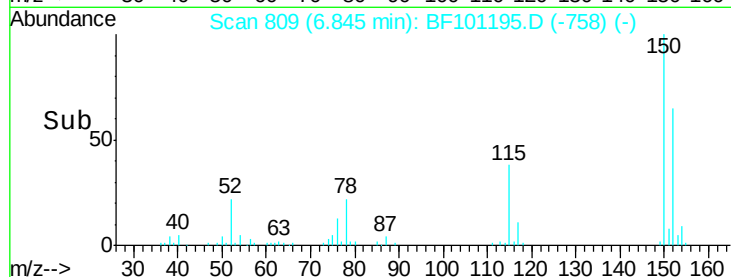
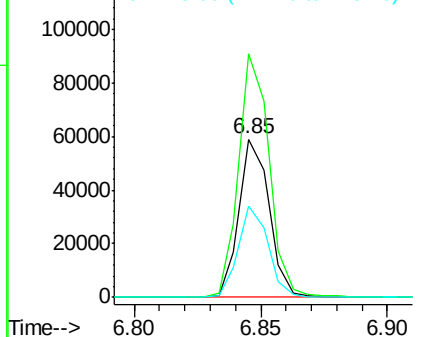
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101195.D
Acq: 7 Dec 2017 4:32

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

Tot Ion:152 Resp: 48947
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 57.8 50.1 75.1



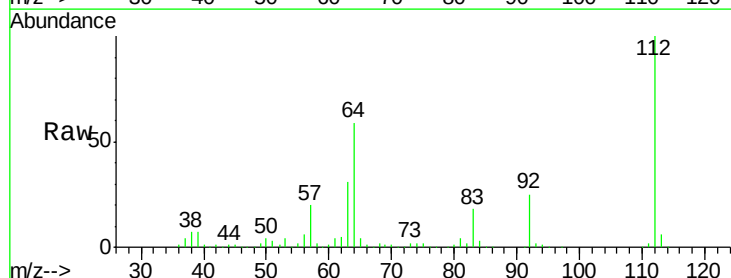
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



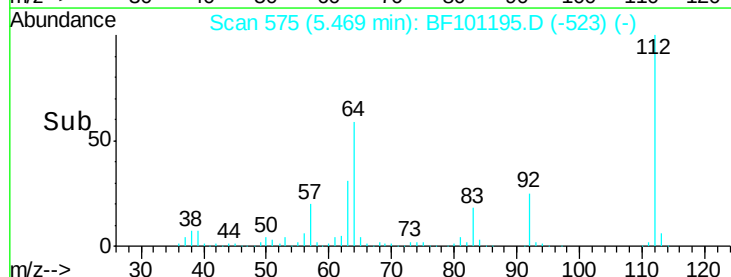
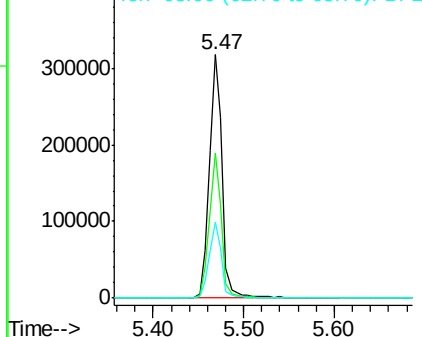
#5

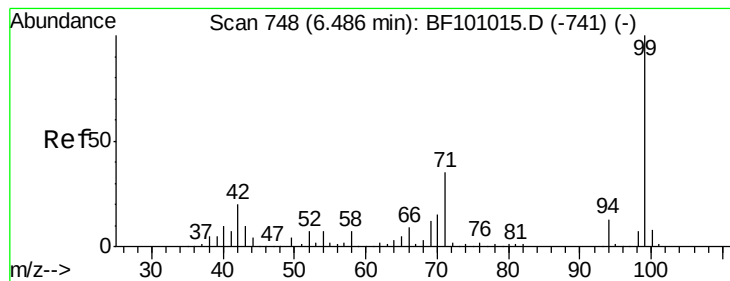
2-Fluorophenol
Concen: 106.565 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101195.D
Acq: 7 Dec 2017 4:32

Tgt Ion:112 Resp: 315656
Ion Ratio Lower Upper
112 100
64 59.5 47.9 71.9
63 31.0 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





#7

Phenol-d6

Concen: 103.081 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101195.D

Acq: 7 Dec 2017 4:32

Instrument :

BNA_F

ClientSampleId :

BART-1-E(0-1)

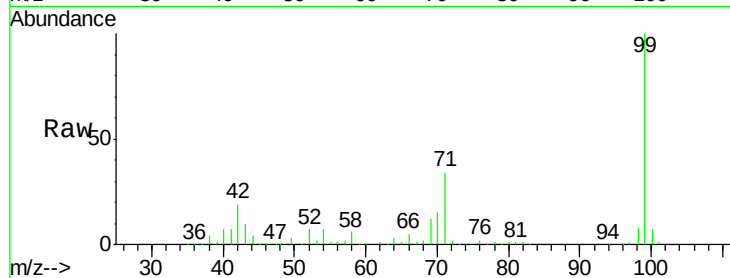
Tot Ion: 99 Resp: 370706

Ion Ratio Lower Upper

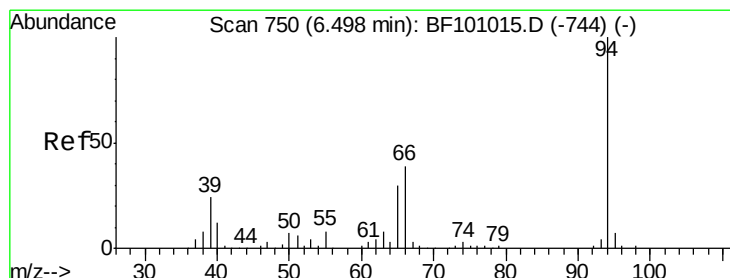
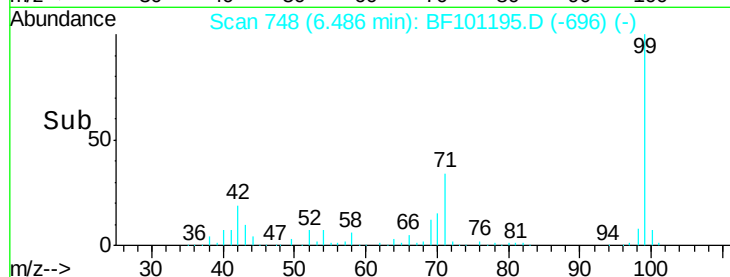
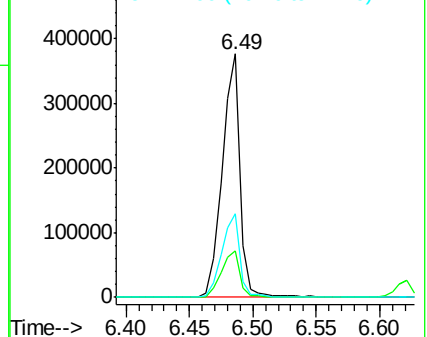
99 100

42 19.2 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



#10

Phenol

Concen: 2.508 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101195.D

Acq: 7 Dec 2017 4:32

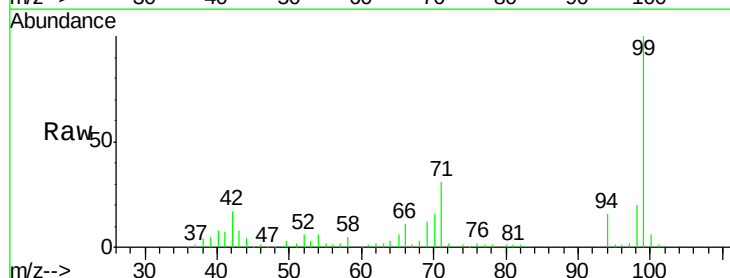
Tgt Ion: 94 Resp: 10030

Ion Ratio Lower Upper

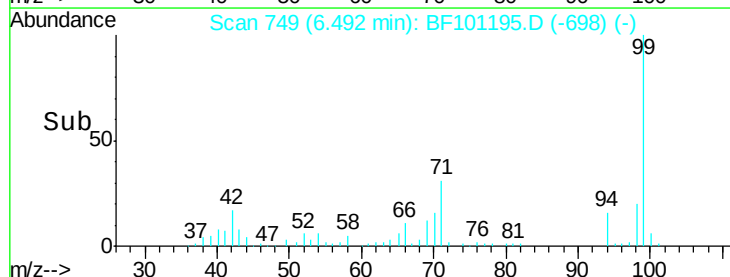
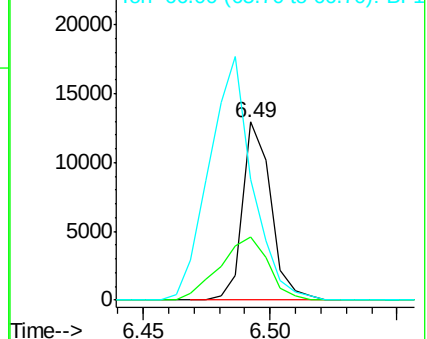
94 100

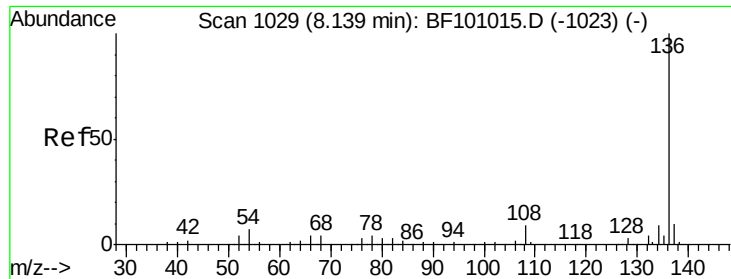
65 35.8 7.9 47.9

66 68.1 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

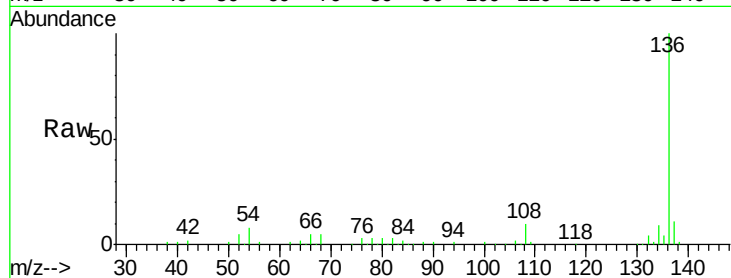




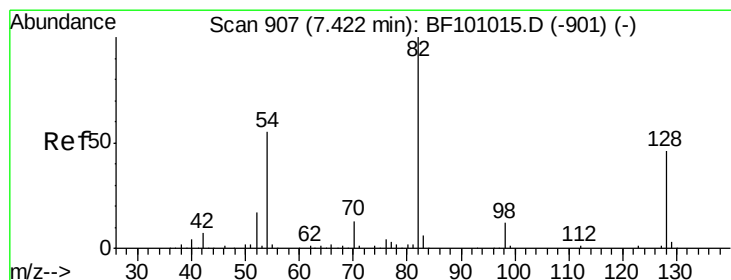
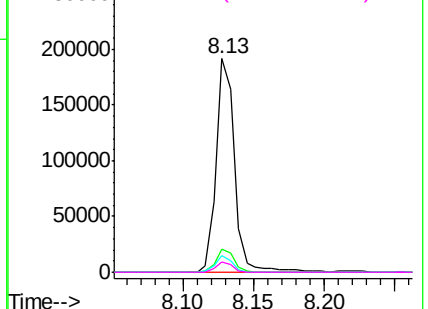
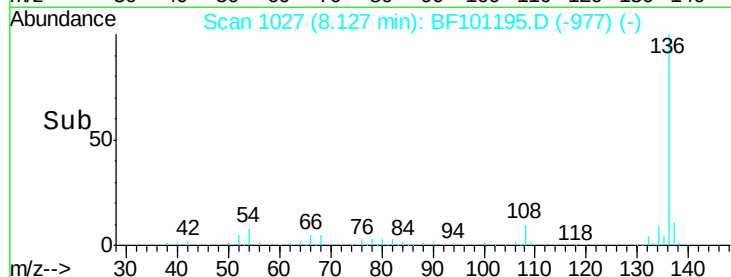
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101195.D
Acq: 7 Dec 2017 4:32

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

Tot Ion:136	Resp:	173839
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.9 13.3
54	7.7	6.6 9.8
68	5.1	5.0 7.4

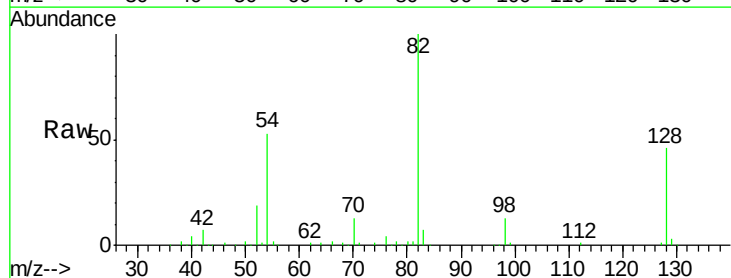


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

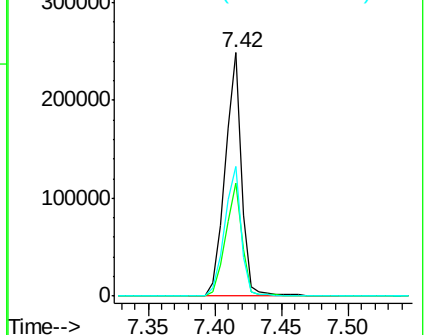
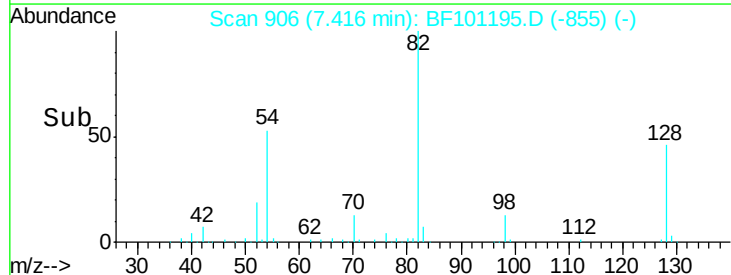


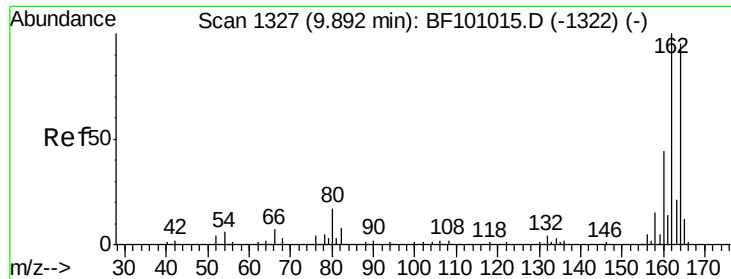
#23
Nitrobenzene-d5
Concen: 74.665 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101195.D
Acq: 7 Dec 2017 4:32

Tgt Ion: 82	Resp:	217585
Ion	Ratio	Lower Upper
82	100	
128	46.3	36.1 54.1
54	53.5	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
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: BF101195.D

Acq: 7 Dec 2017 4:32

Instrument :

BNA_F

ClientSampleId :

BART-1-E(0-1)

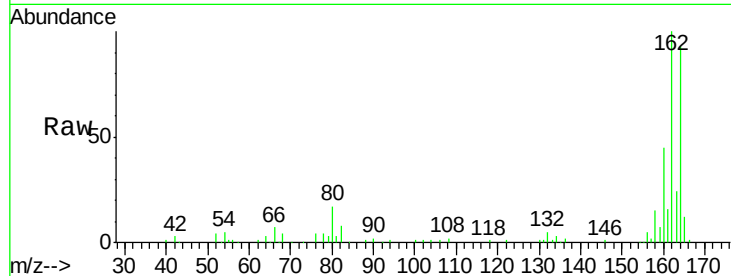
Tot Ion:164 Resp: 67676

Ion Ratio Lower Upper

164 100

162 107.8 86.1 129.1

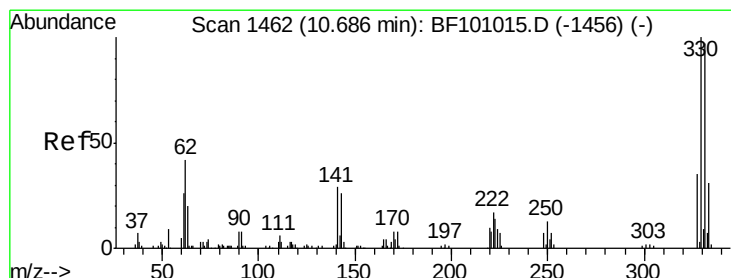
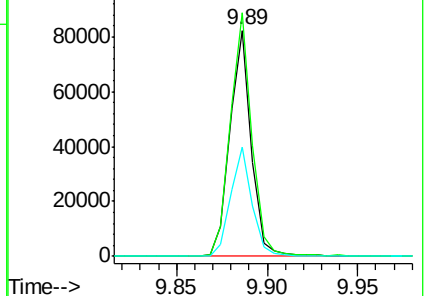
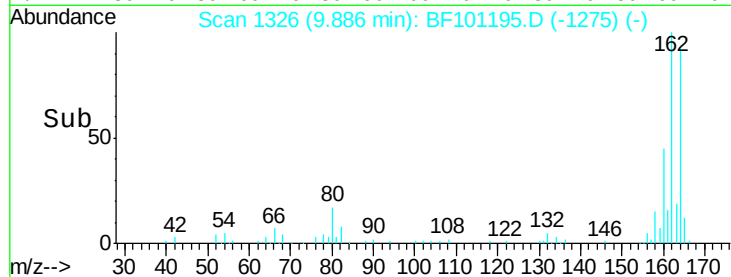
160 48.2 38.3 57.5



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: 89.961 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF101195.D

Acq: 7 Dec 2017 4:32

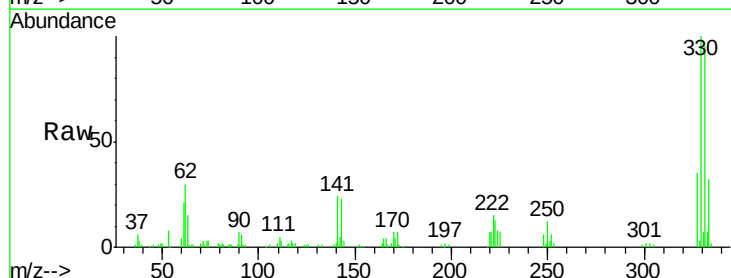
Tgt Ion:330 Resp: 73137

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

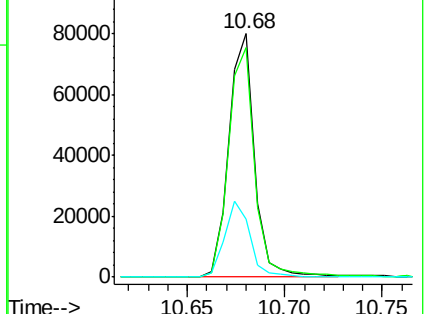
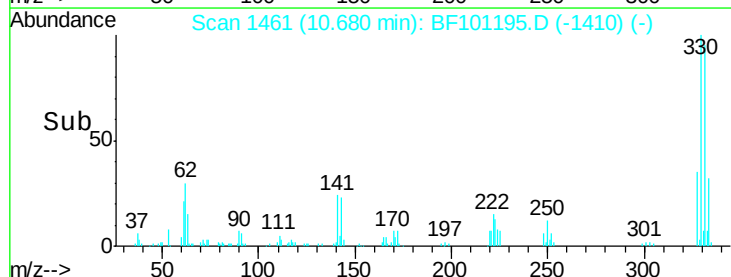
141 30.8 29.9 44.9

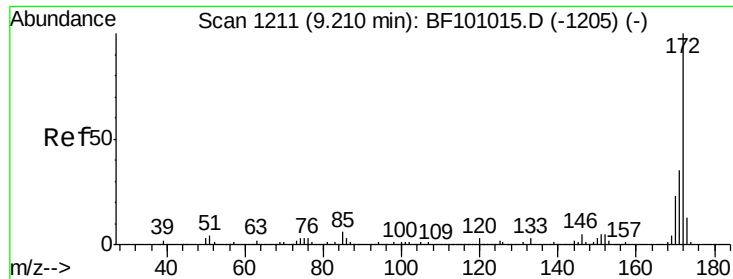


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

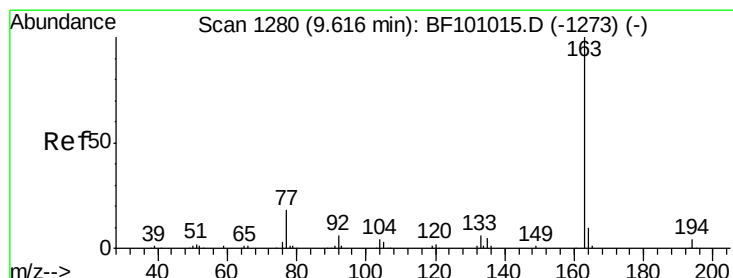
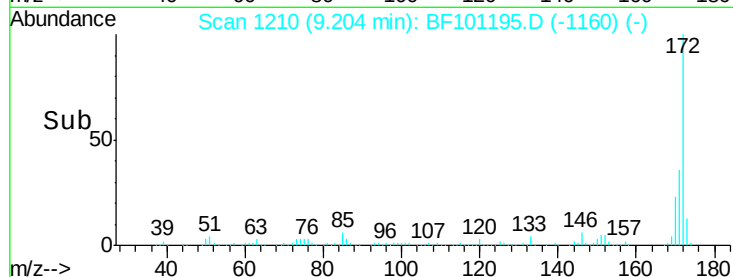
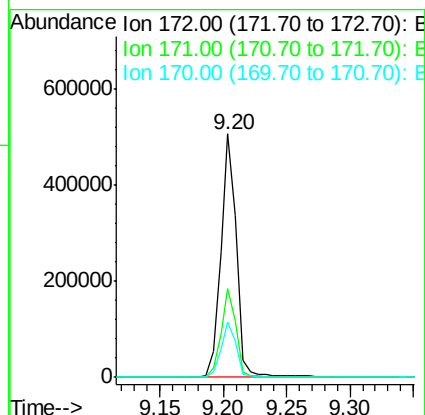
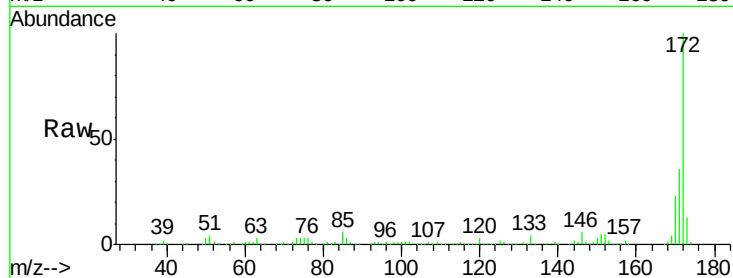




#44
 2-Fluorobiphenyl
 Concen: 89.128 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101195.D
 Acq: 7 Dec 2017 4:32

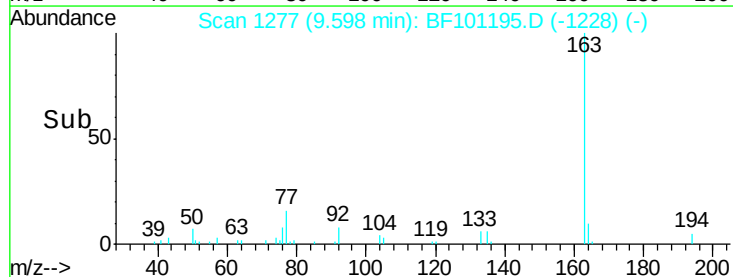
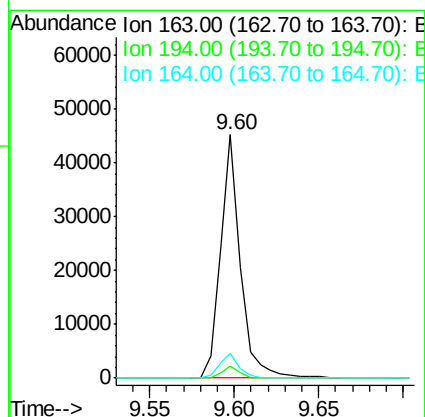
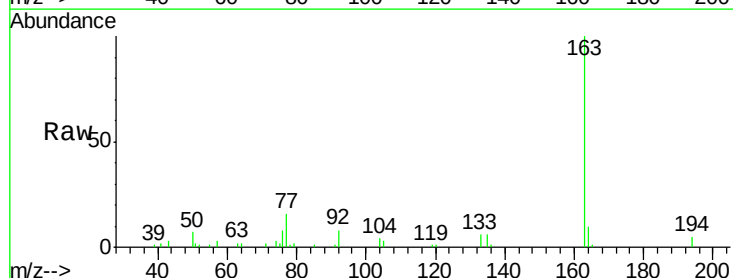
Instrument :
 BNA_F
 ClientSampleId :
 BART-1-E(0-1)

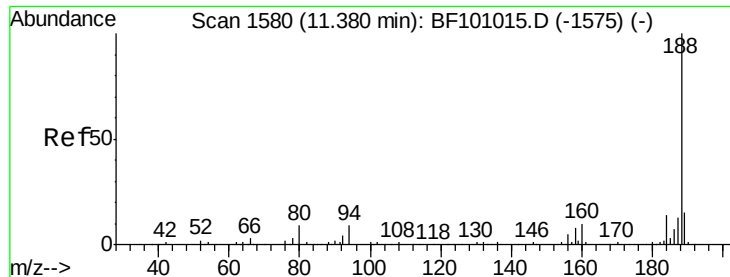
Tot Ion:172 Resp: 440860
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 22.7 19.6 29.4



#49
 Dimethylphthalate
 Concen: 6.883 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF101195.D
 Acq: 7 Dec 2017 4:32

Tgt Ion:163 Resp: 37569
 Ion Ratio Lower Upper
 163 100
 194 4.8 2.7 4.1#
 164 10.0 8.2 12.2

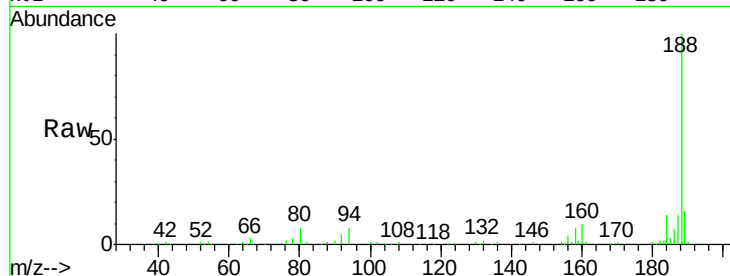




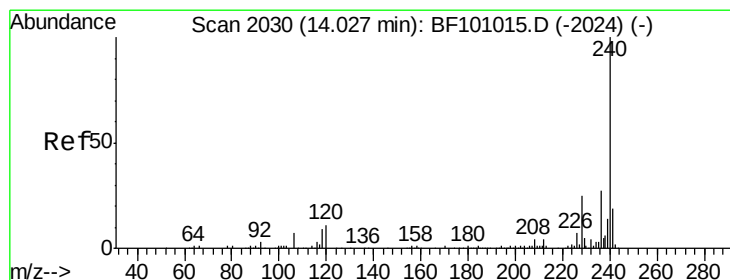
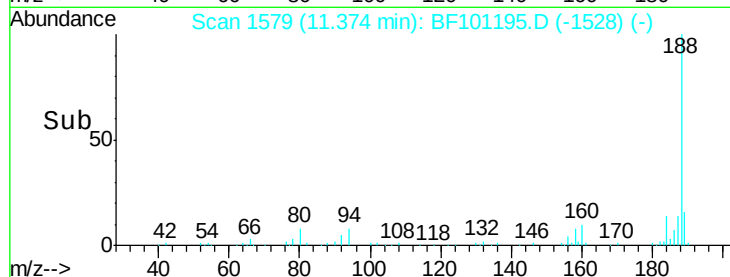
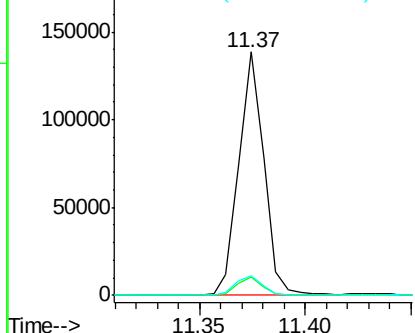
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101195.D
Acq: 7 Dec 2017 4:32

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

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	7.9	9.2	13.8#

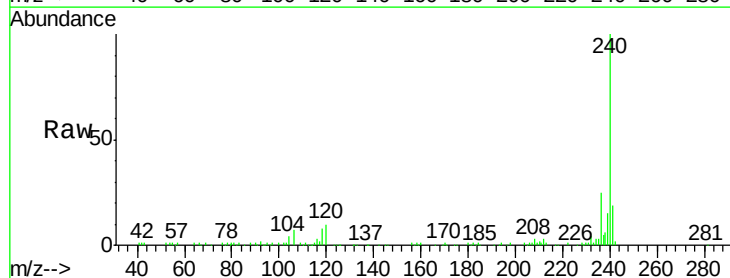


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

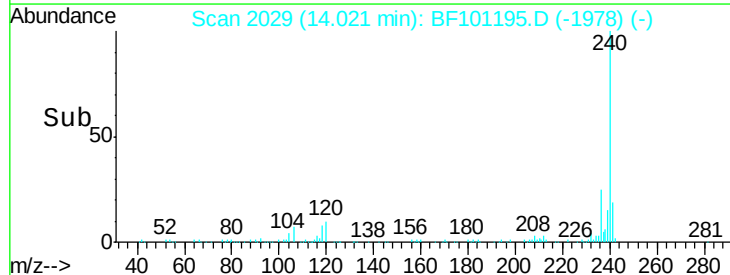
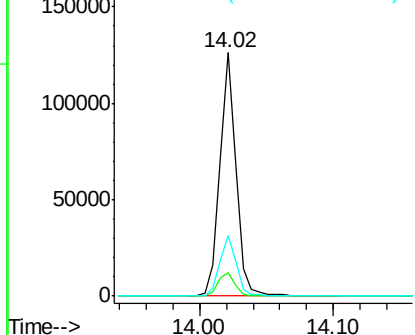


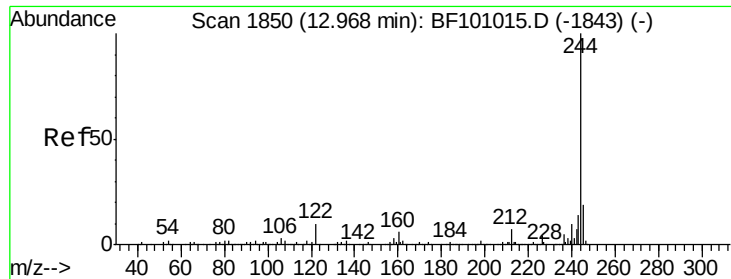
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101195.D
Acq: 7 Dec 2017 4:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	25.1	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

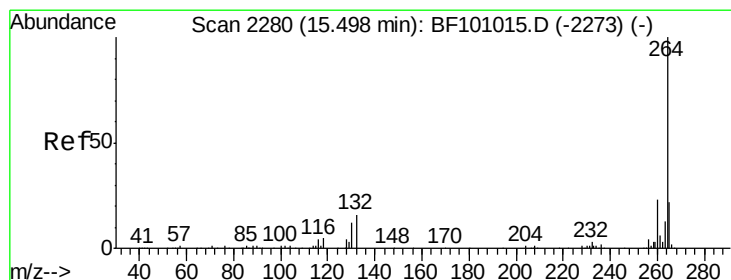
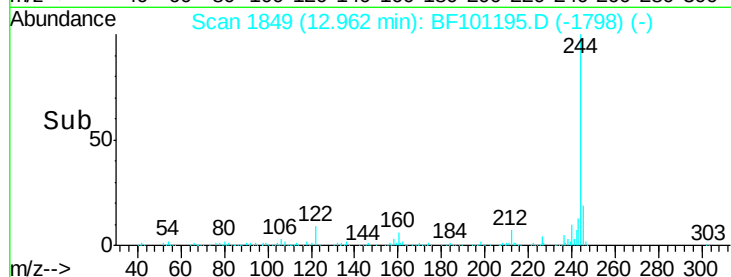
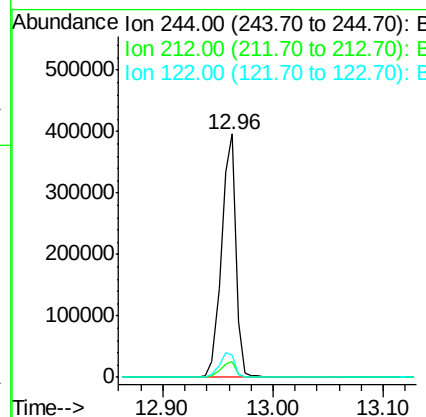
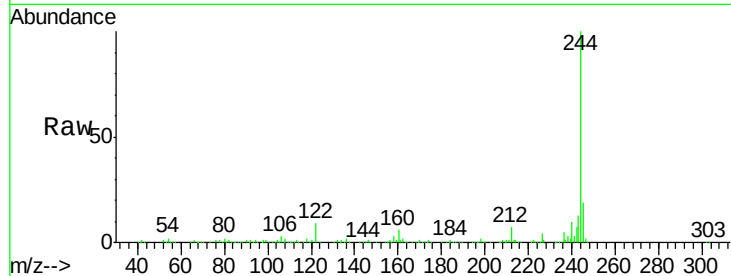




#78
 Terphenyl-d14
 Concen: 71.416 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF101195.D
 Acq: 7 Dec 2017 4:32

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

Tot Ion:244 Resp: 356976
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.2 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101195.D
 Acq: 7 Dec 2017 4:32

Tgt Ion:264 Resp: 85111
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 19.9 17.5 26.3

