

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103305.D
 Acq On : 28 Feb 2018 20:44
 Operator : SJ/JU
 Sample : J1712-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2014-TRANS-LAUREL

Quant Time: Mar 01 00:58:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

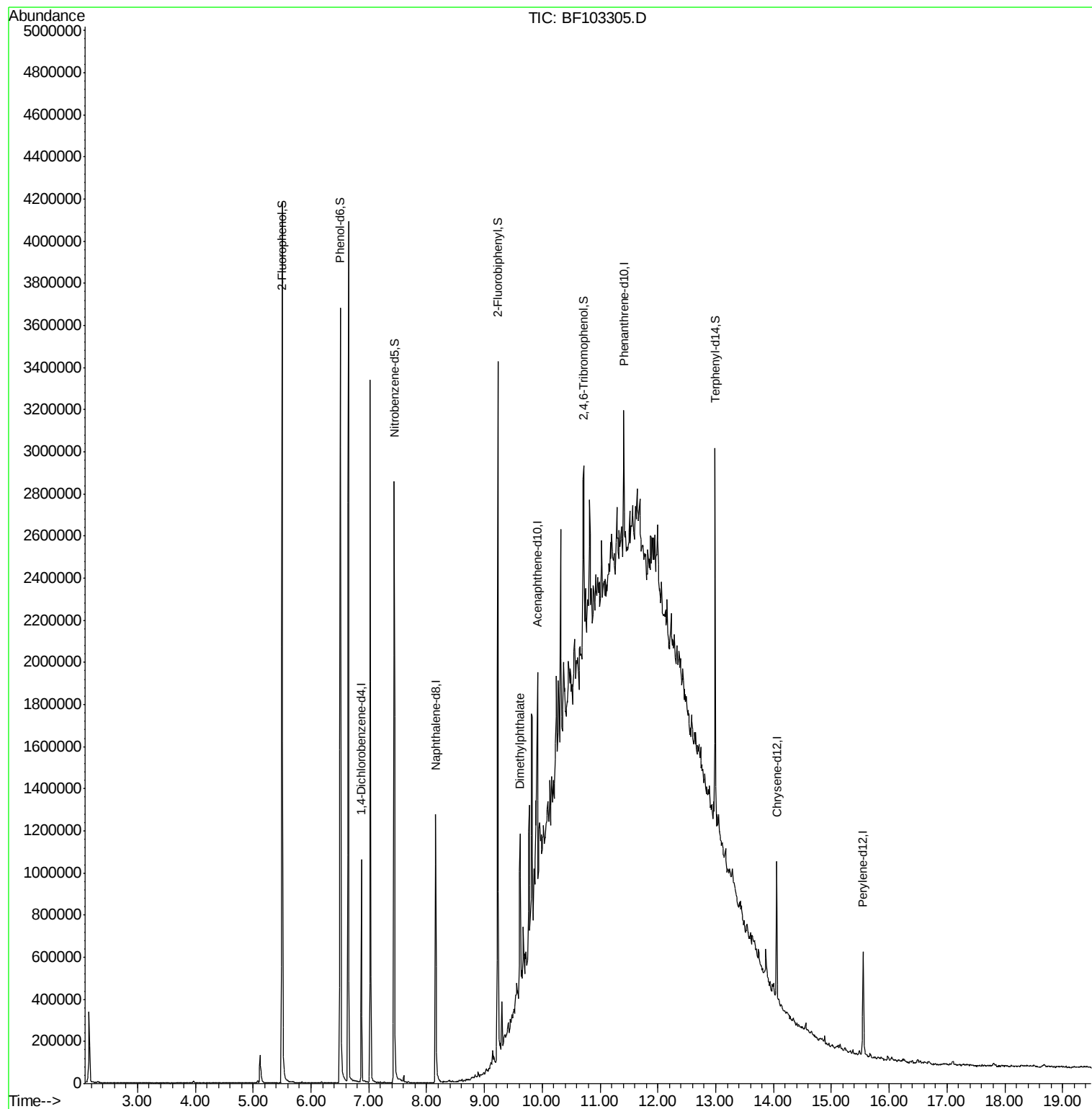
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	153298	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	621772	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	231985	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	279379	20.00	ng	0.00
75) Chrysene-d12	14.06	240	233479	20.00	ng	0.00
86) Perylene-d12	15.55	264	241016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1227045	121.06	ng	0.01
7) Phenol-d6	6.51	99	1481838	119.48	ng	0.00
23) Nitrobenzene-d5	7.44	82	1001439	91.98	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	195301	99.46	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1215246	92.00	ng	0.00
78) Terphenyl-d14	12.99	244	722639	74.40	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	116949	6.284	ng	Qvalue # 96

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

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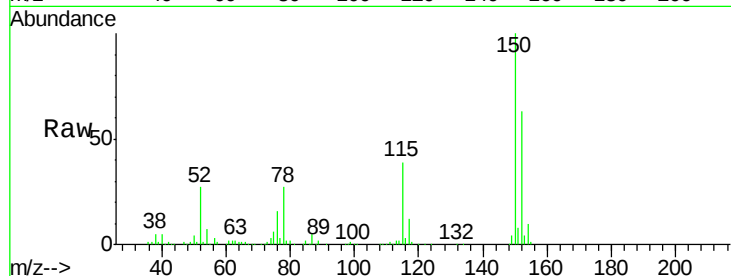


#1

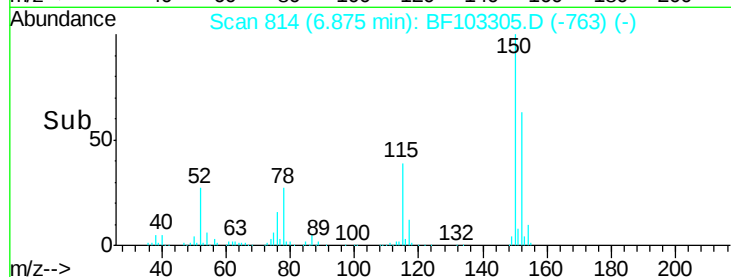
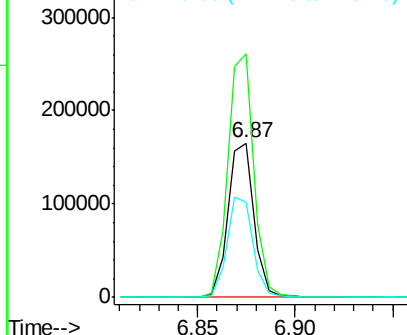
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Instrument :
BNA_F
ClientSampleId :
2014-TRANS-LAUREL

Tot Ion:152 Resp: 153298
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 61.4 50.1 75.1



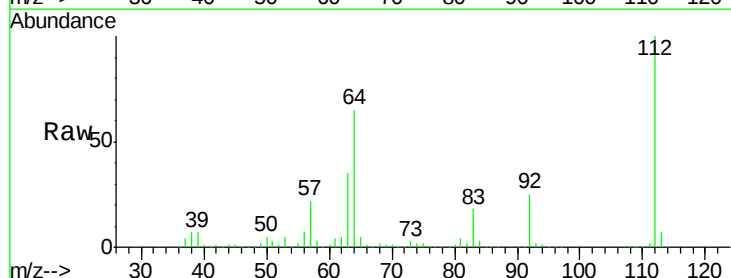
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



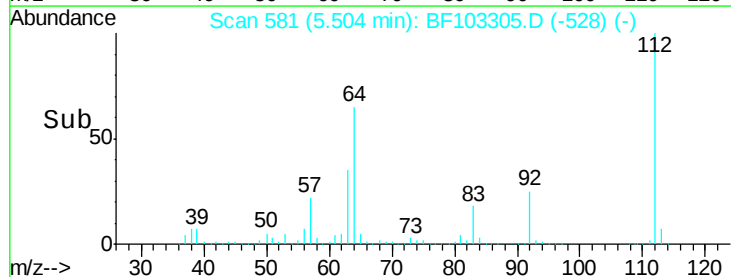
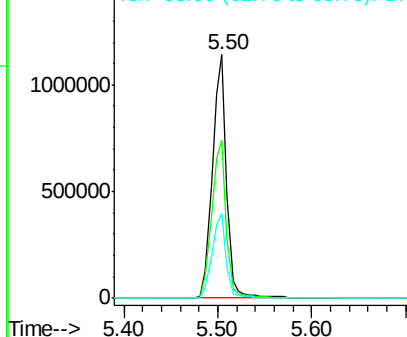
#5

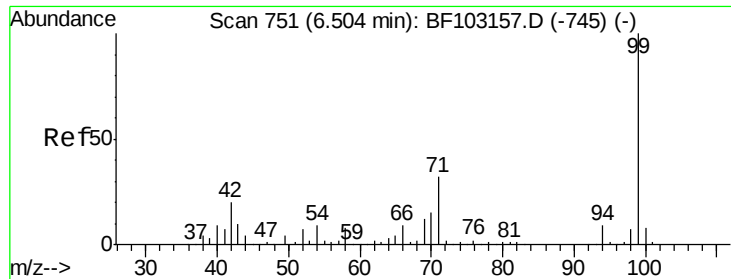
2-Fluorophenol
Concen: 121.060 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Tgt Ion:112 Resp: 1227045
Ion Ratio Lower Upper
112 100
64 64.8 47.9 71.9
63 34.7 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: 119.476 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103305.D

Acq: 28 Feb 2018 20:44

Instrument :

BNA_F

ClientSampleId :

2014-TRANS-LAUREL

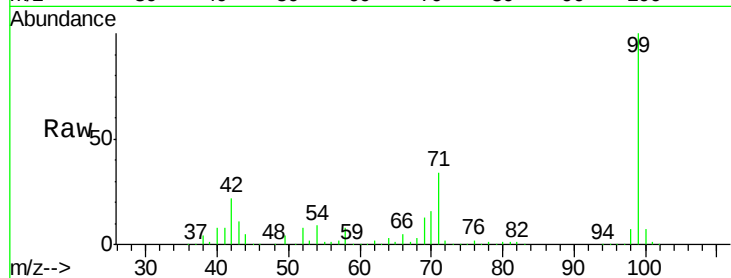
Tot Ion: 99 Resp: 1481838

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

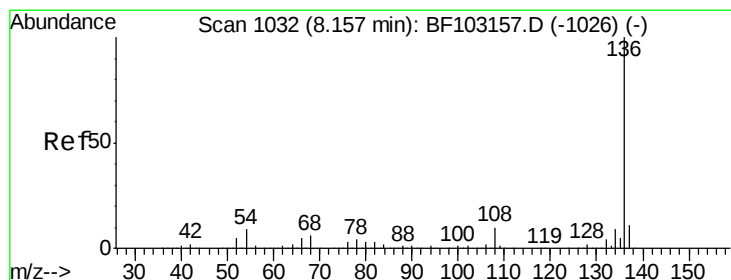
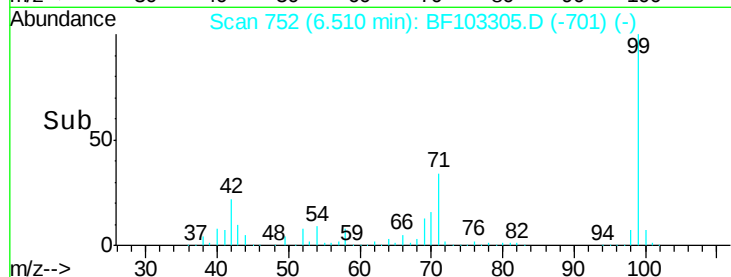
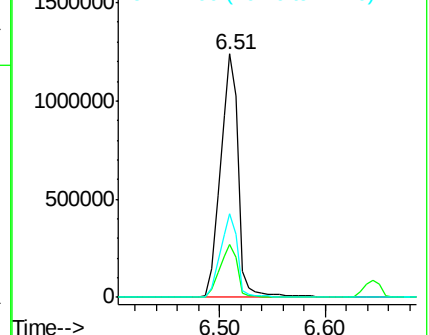
71 34.2 25.4 38.0



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: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103305.D

Acq: 28 Feb 2018 20:44

Tgt Ion: 136 Resp: 621772

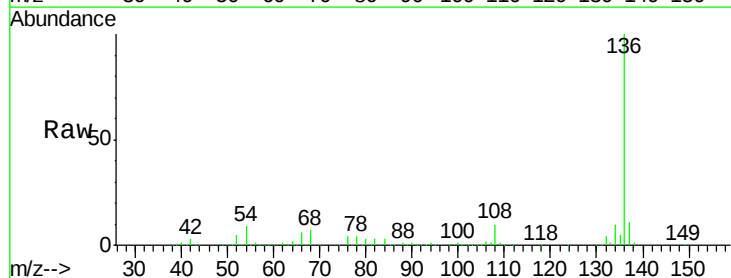
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.2 6.6 9.8

68 6.6 5.0 7.4

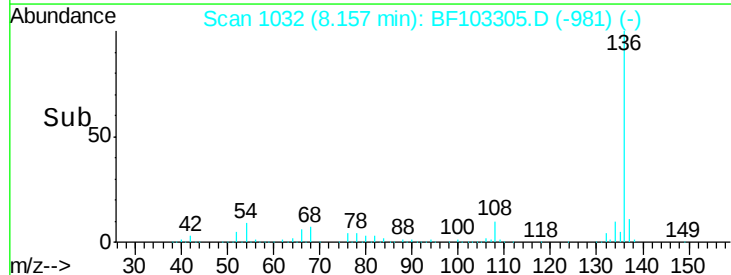
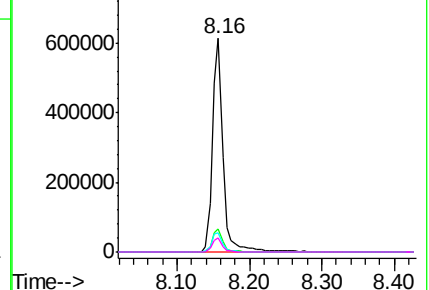


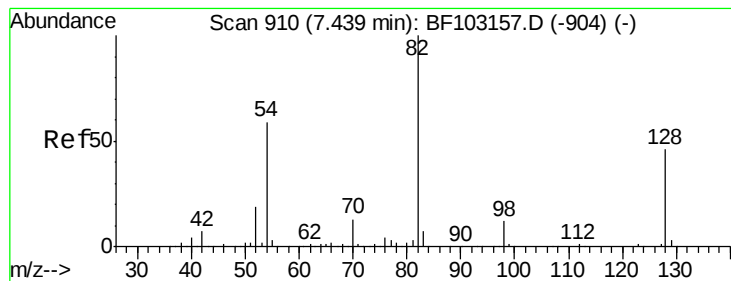
Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.980 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103305.D

Acq: 28 Feb 2018 20:44

Instrument :

BNA_F

ClientSampleId :

2014-TRANS-LAUREL

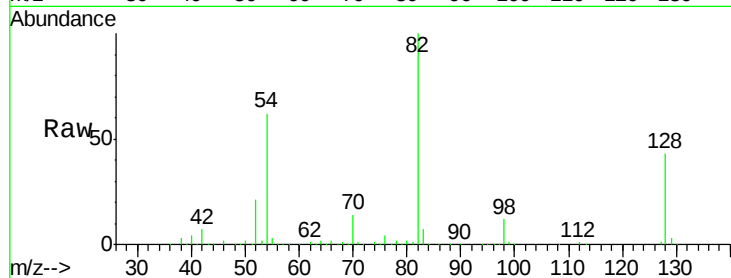
Tot Ion: 82 Resp: 1001439

Ion Ratio Lower Upper

82 100

128 42.6 36.1 54.1

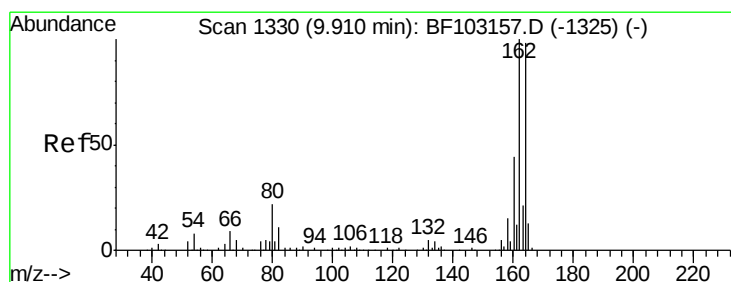
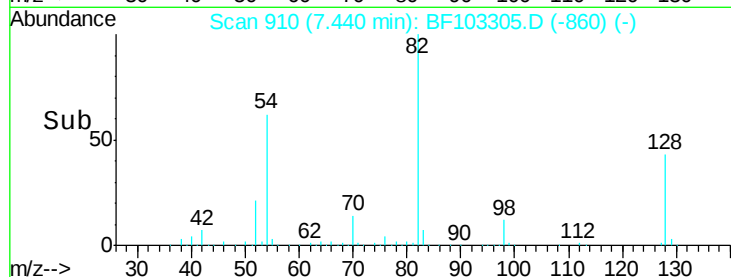
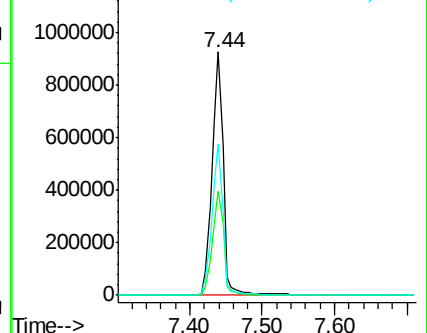
54 62.3 41.4 62.2#



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: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF103305.D

Acq: 28 Feb 2018 20:44

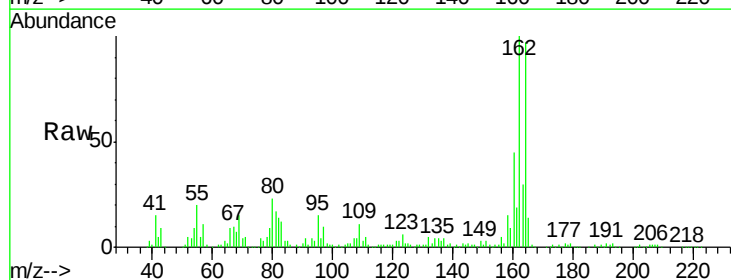
Tgt Ion:164 Resp: 231985

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

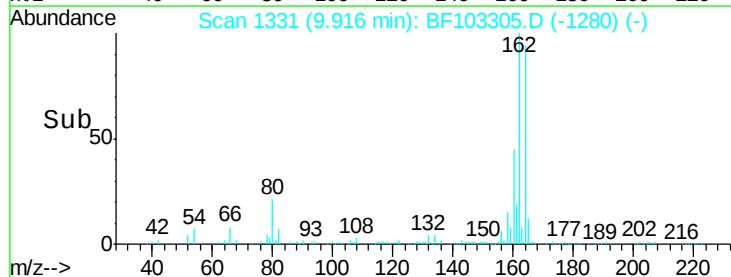
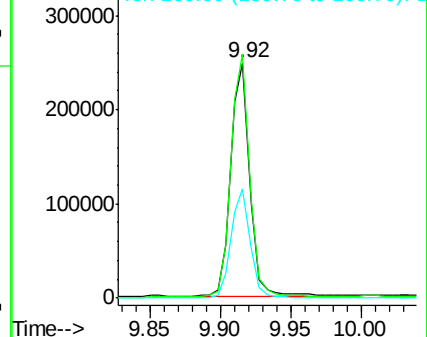
160 46.3 38.3 57.5



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

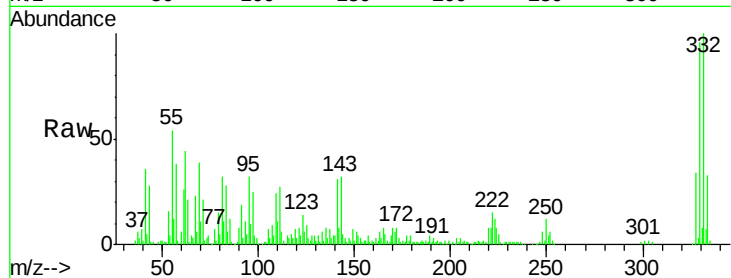




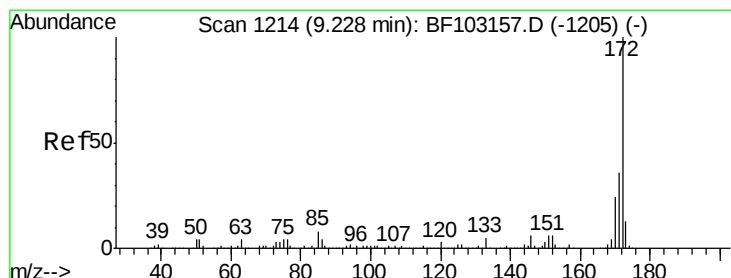
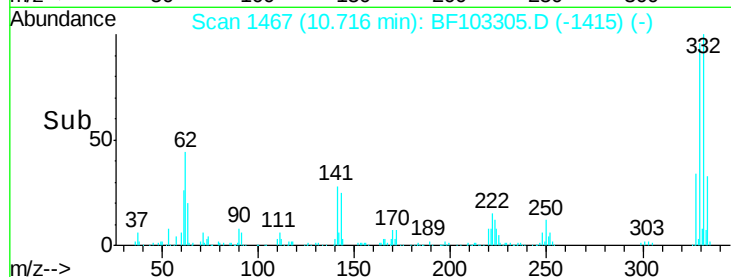
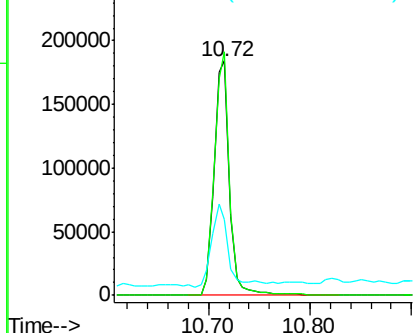
#41
 2,4,6-Tribromophenol
 Concen: 99.459 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103305.D
 Acq: 28 Feb 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 2014-TRANS-LAUREL

Tot Ion:330 Resp: 195301
 Ion Ratio Lower Upper
 330 100
 332 101.7 77.0 115.6
 141 40.4 29.9 44.9

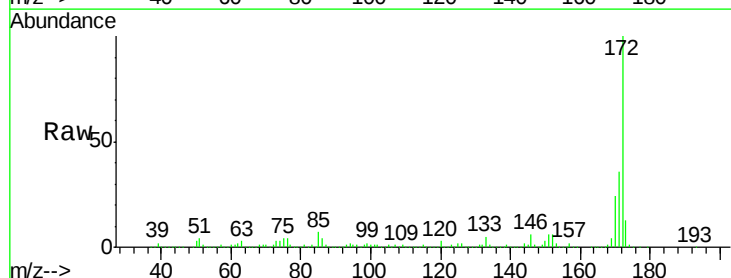


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

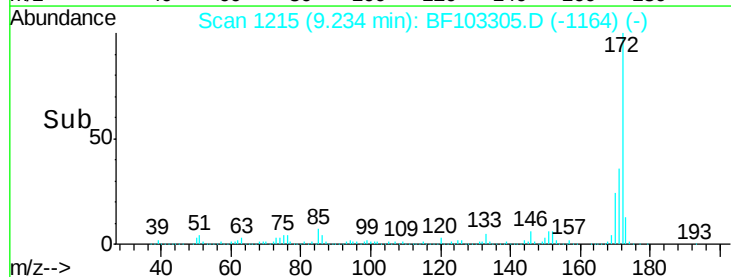
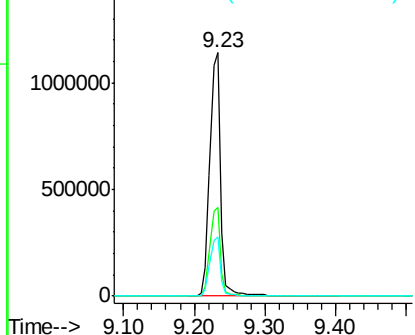


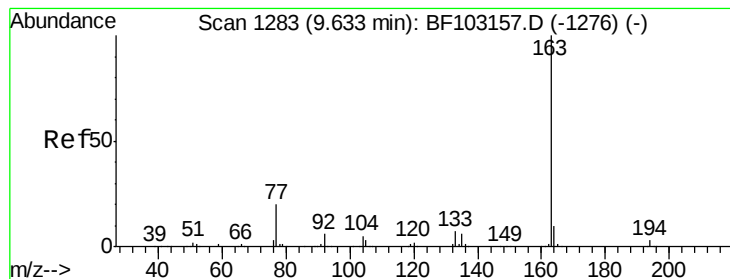
#44
 2-Fluorobiphenyl
 Concen: 92.001 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103305.D
 Acq: 28 Feb 2018 20:44

Tgt Ion:172 Resp: 1215246
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.3 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: 6.284 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103305.D

Acq: 28 Feb 2018 20:44

Instrument :

BNA_F

ClientSampleId :

2014-TRANS-LAUREL

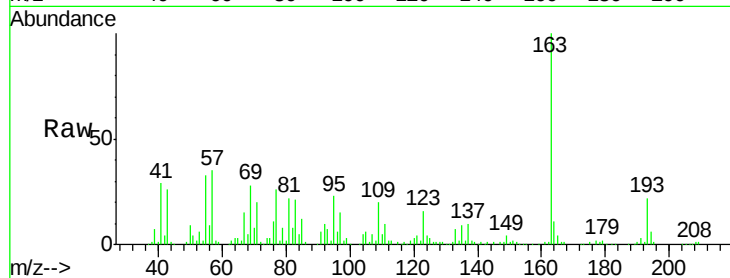
Tot Ion:163 Resp: 116949

Ion Ratio Lower Upper

163 100

194 6.3 2.7 4.1#

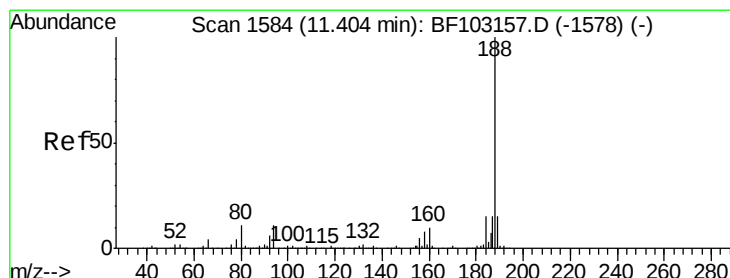
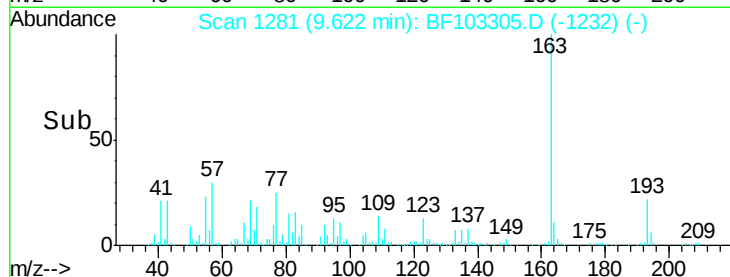
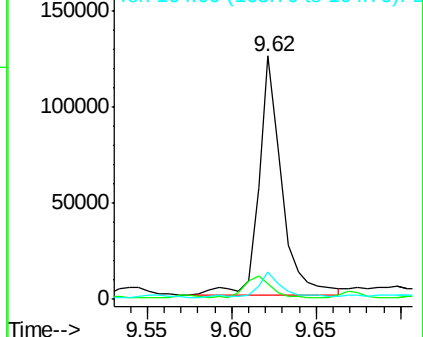
164 11.1 8.2 12.2



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: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF103305.D

Acq: 28 Feb 2018 20:44

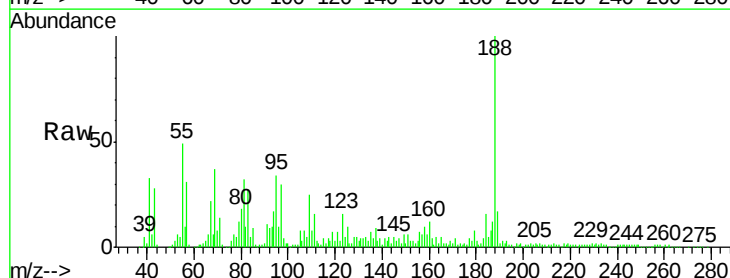
Tgt Ion:188 Resp: 279379

Ion Ratio Lower Upper

188 100

94 16.9 8.5 12.7#

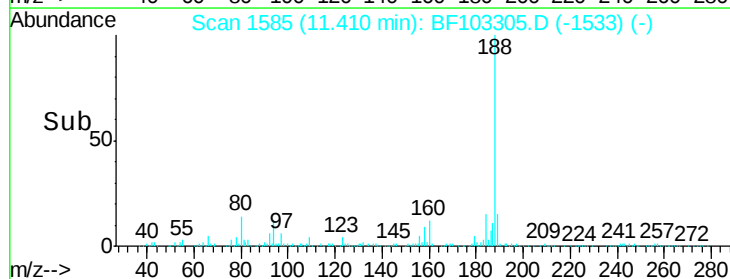
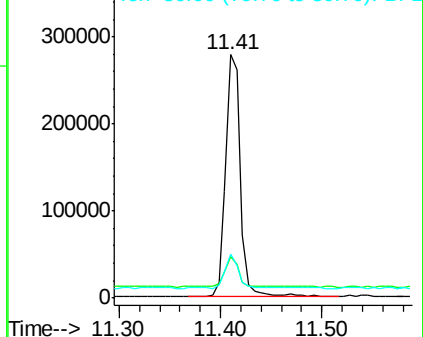
80 18.0 9.2 13.8#

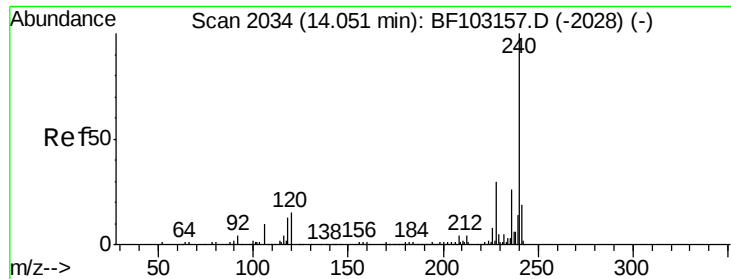


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103305.D

Acq: 28 Feb 2018 20:44

Instrument :

BNA_F

ClientSampleId :

2014-TRANS-LAUREL

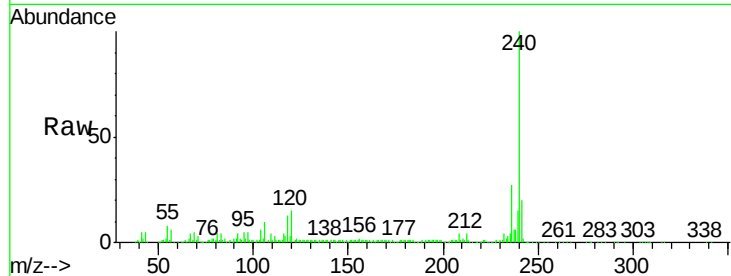
Tot Ion:240 Resp: 233479

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

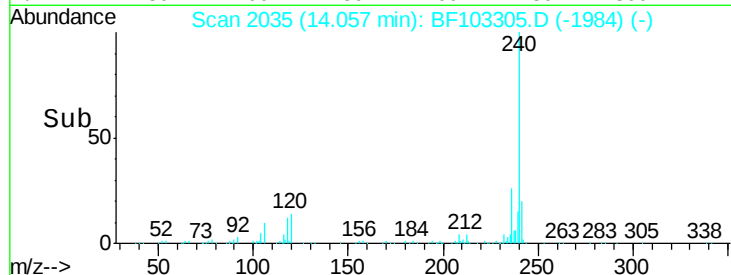
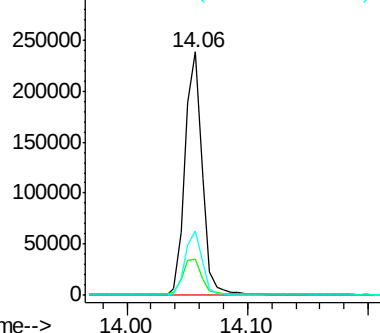
236 26.5 20.7 31.1



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: 74.402 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103305.D

Acq: 28 Feb 2018 20:44

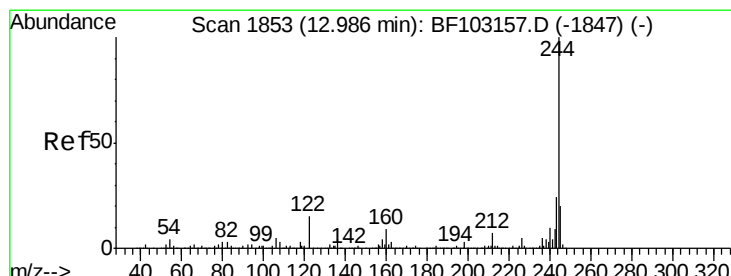
Tgt Ion:244 Resp: 722639

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

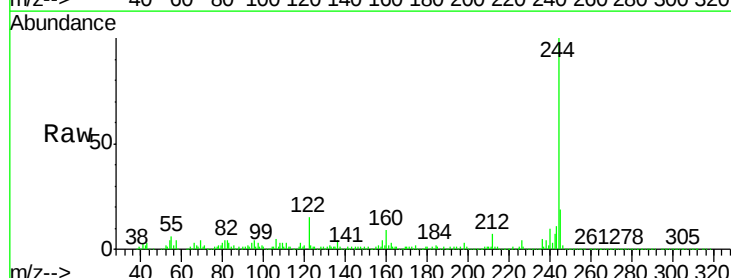
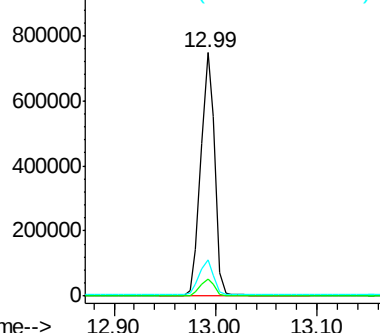
122 15.1 11.0 16.4

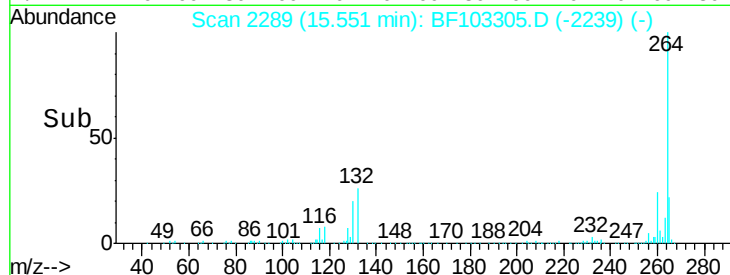
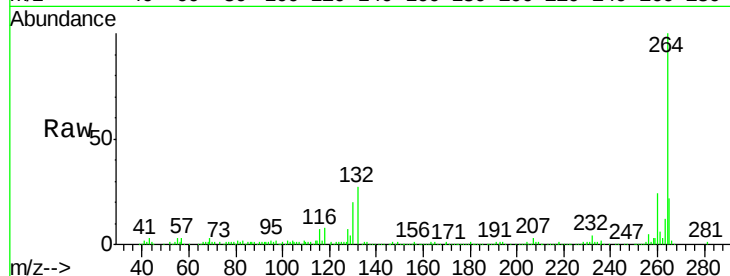
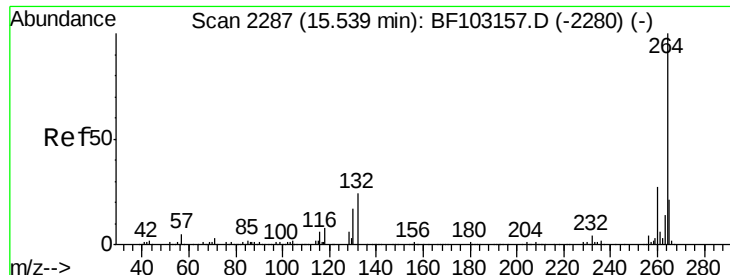


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Instrument :
BNA_F
ClientSampleId :
2014-TRANS-LAUREL

Tot Ion:	264	Resp:	241016
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	22.0	17.5	26.3

