

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
 Data File : BF087446.D
 Acq On : 27 May 2016 16:46
 Operator : UM/SJ
 Sample : PB90866BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BL

Quant Time: May 28 00:10:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	123188	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	518851	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	249537	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	490178	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	416797	20.00	ng	-0.03
86) Perylene-d12	20.13	264	283978	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	812448	115.89	ng	-0.02
7) Phenol-d6	7.04	99	1128992	119.18	ng	-0.03
23) Nitrobenzene-d5	8.40	82	740113	71.89	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	256257	106.86	ng	-0.05
44) 2-Fluorobiphenyl	11.29	172	1250535	70.65	ng	-0.05
78) Terphenyl-d14	17.10	244	1331673	67.93	ng	-0.03

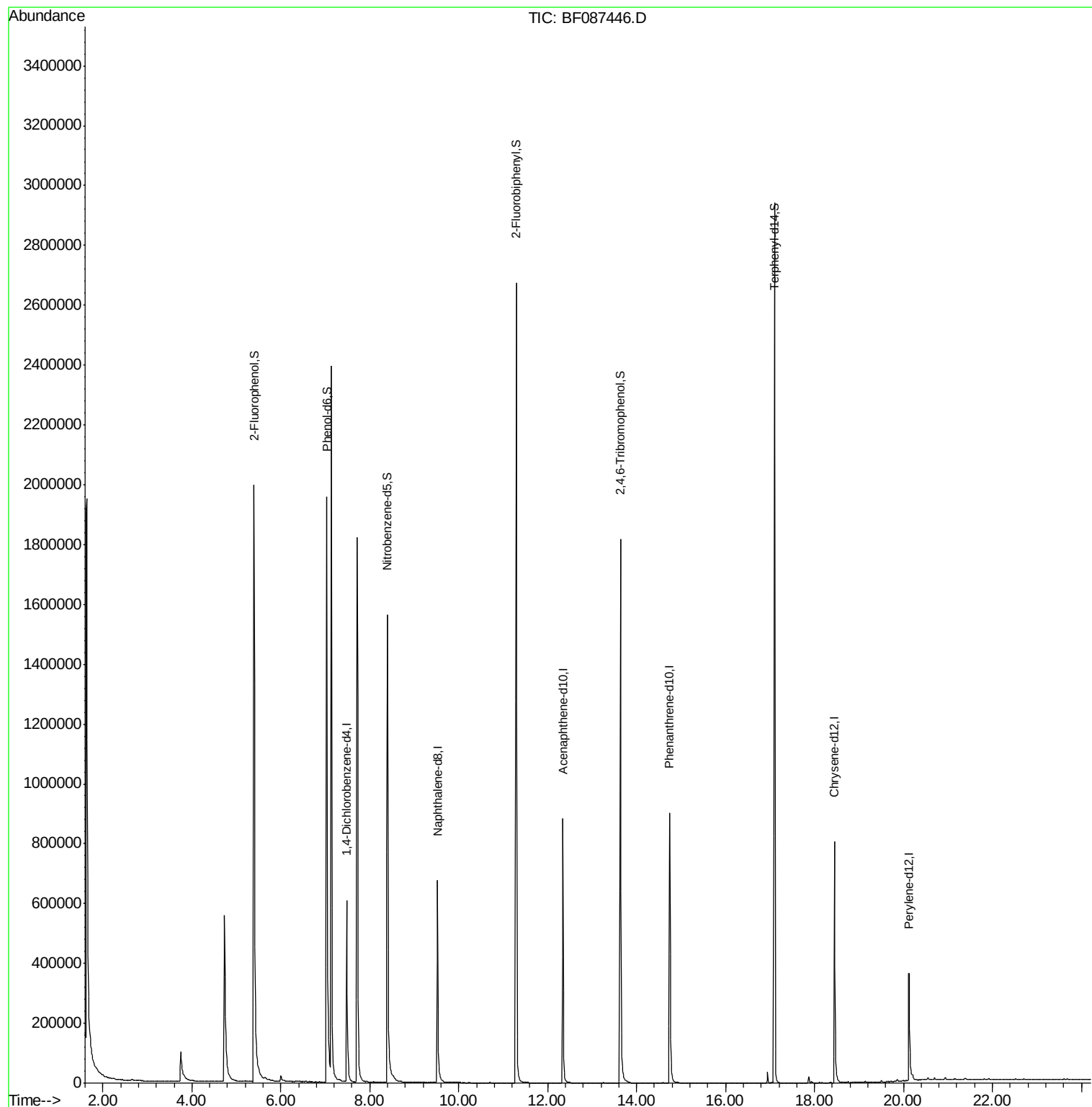
Target Compounds Qvalue

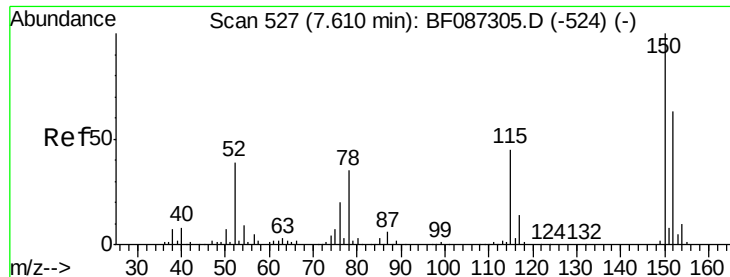
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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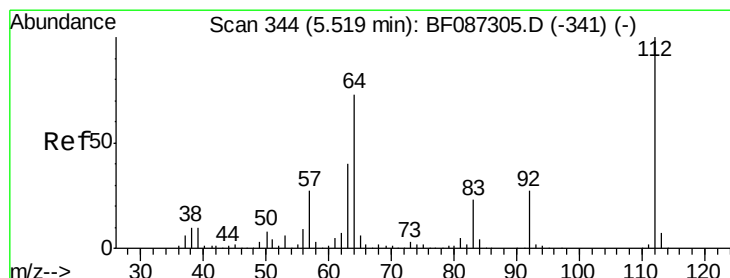
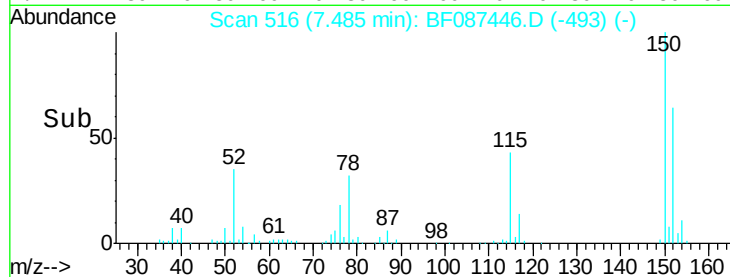
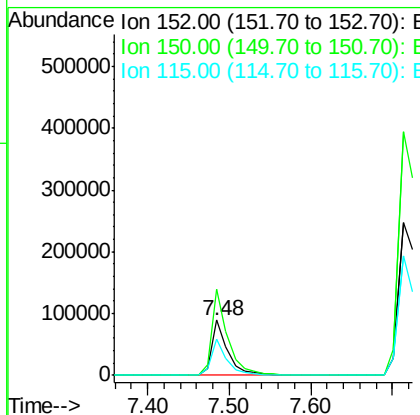
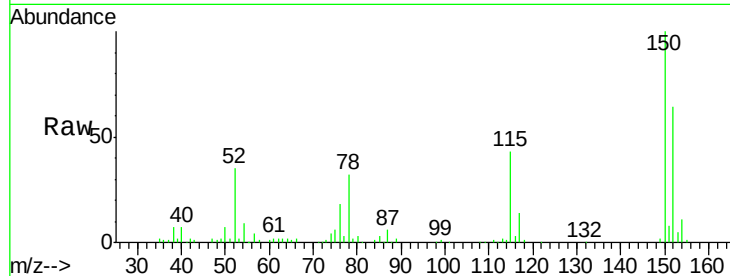


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.48 min Scan# 516
 Delta R.T. -0.03 min
 Lab File: BF087446.D
 Acq: 27 May 2016 16:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BL

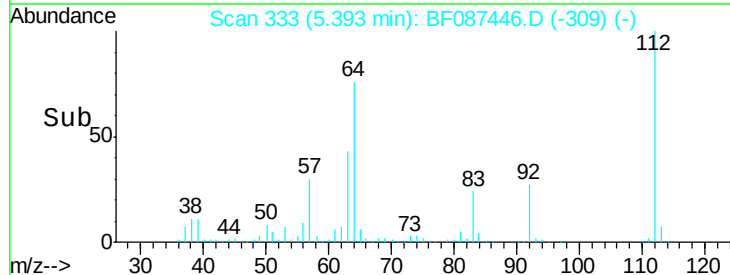
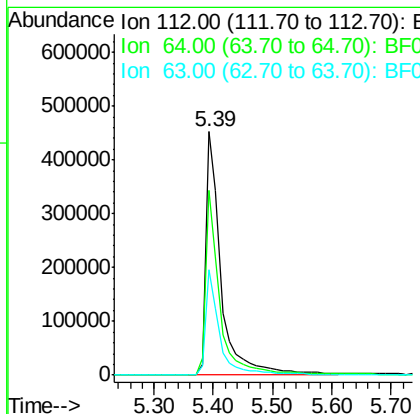
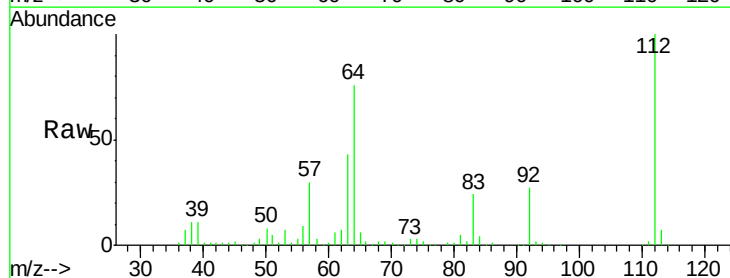
Tot Ion:152 Resp: 123188
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.8 188.6
 115 66.3 51.5 77.3

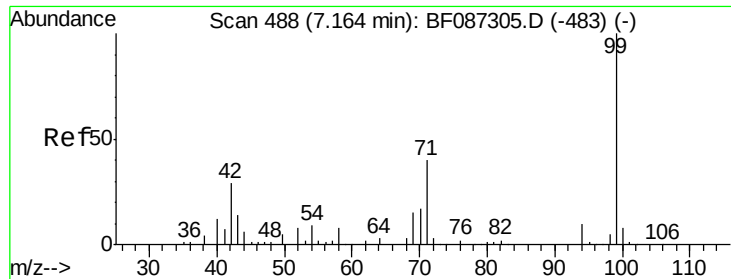


#5

2-Fluorophenol
 Concen: 115.89 ng
 RT: 5.39 min Scan# 333
 Delta R.T. -0.02 min
 Lab File: BF087446.D
 Acq: 27 May 2016 16:46

Tgt Ion:112 Resp: 812448
 Ion Ratio Lower Upper
 112 100
 64 76.1 52.1 78.1
 63 43.5 25.7 38.5#





#7

Phenol-d6

Concen: 119.18 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087446.D

Acq: 27 May 2016 16:46

Instrument :

BNA_F

ClientSampleId :

PB90866BL

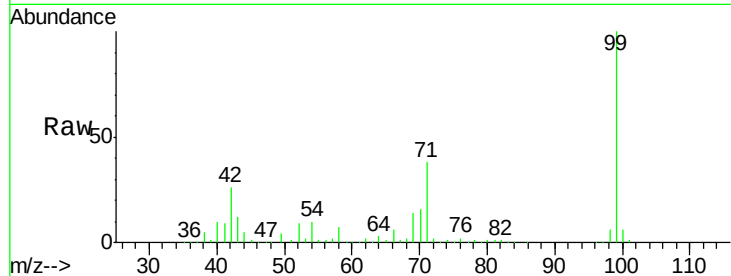
Tot Ion: 99 Resp: 1128992

Ion Ratio Lower Upper

99 100

42 25.7 13.6 20.4#

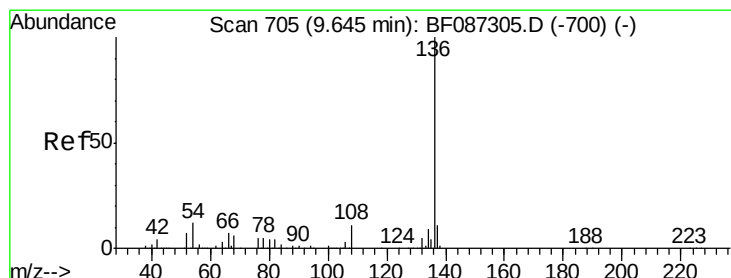
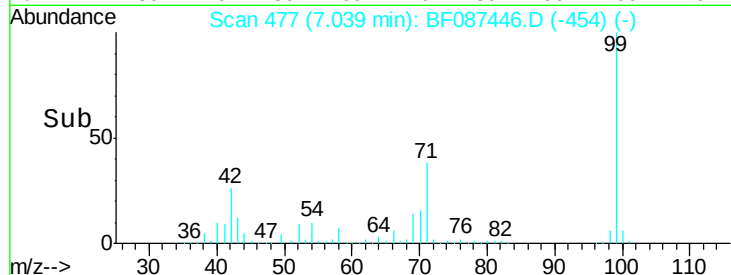
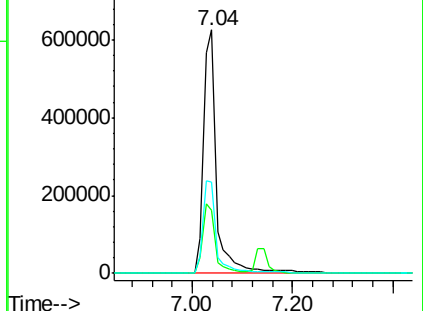
71 37.7 24.6 36.8#



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: 20.00 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF087446.D

Acq: 27 May 2016 16:46

Tgt Ion: 136 Resp: 518851

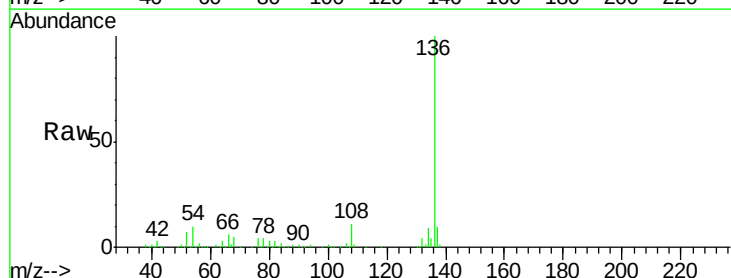
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 10.2 5.0 7.4#

68 5.0 4.4 6.6

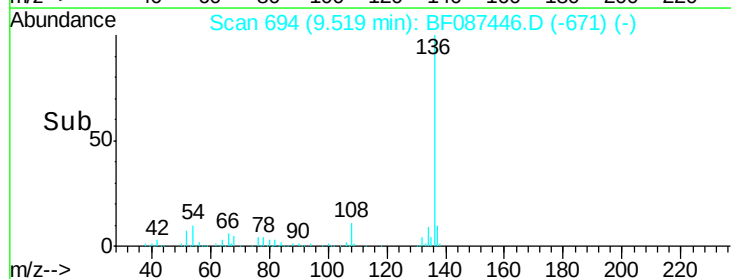
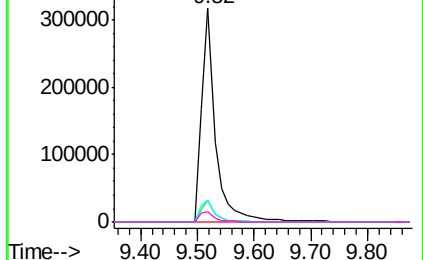


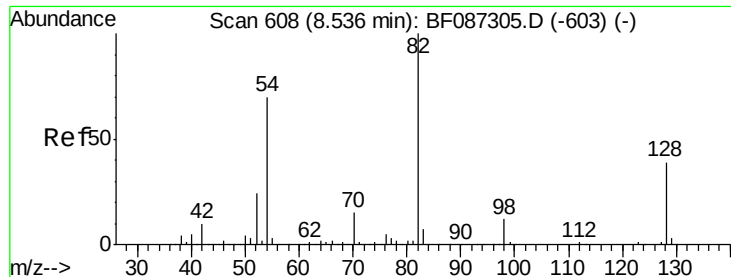
Abundance Ion 136.00 (135.70 to 136.70): E

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

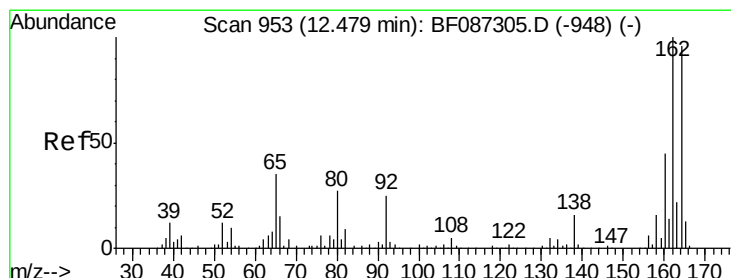
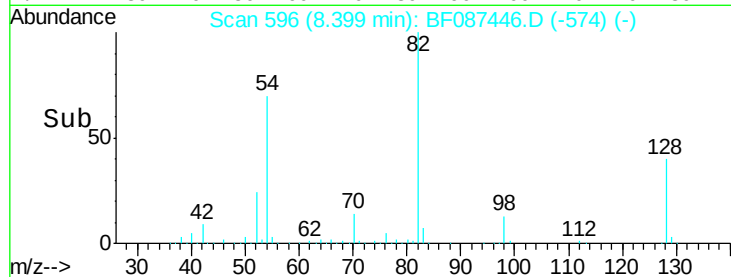
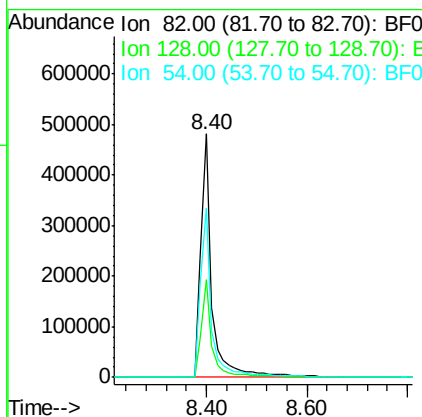
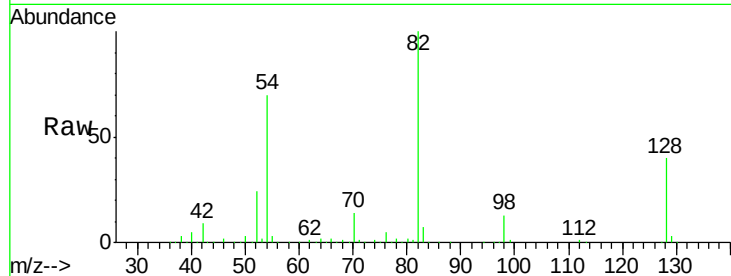




#23
 Nitrobenzene-d5
 Concen: 71.89 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF087446.D
 Acq: 27 May 2016 16:46

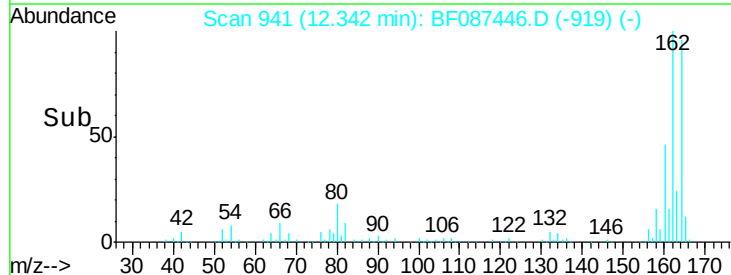
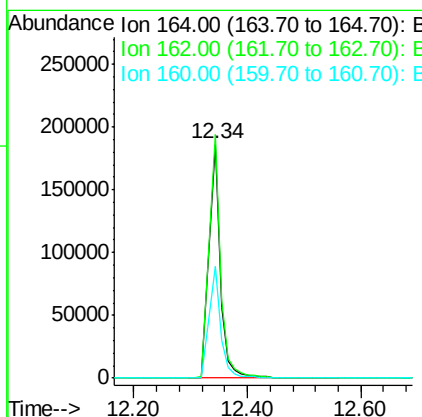
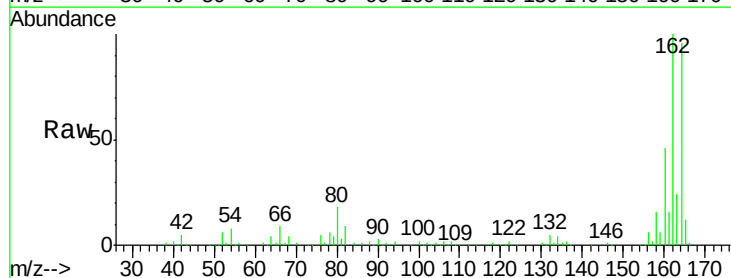
Instrument :
 BNA_F
 ClientSampleId :
 PB90866BL

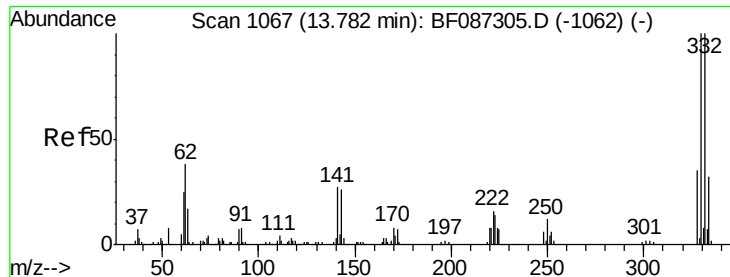
Tot Ion: 82 Resp: 740113
 Ion Ratio Lower Upper
 82 100
 128 39.9 40.6 61.0#
 54 69.8 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.34 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF087446.D
 Acq: 27 May 2016 16:46

Tgt Ion: 164 Resp: 249537
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.8 124.2
 160 47.7 36.9 55.3

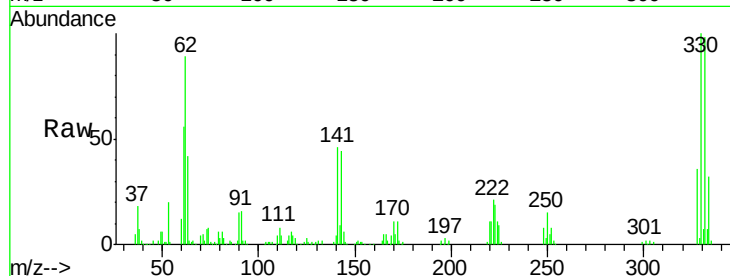




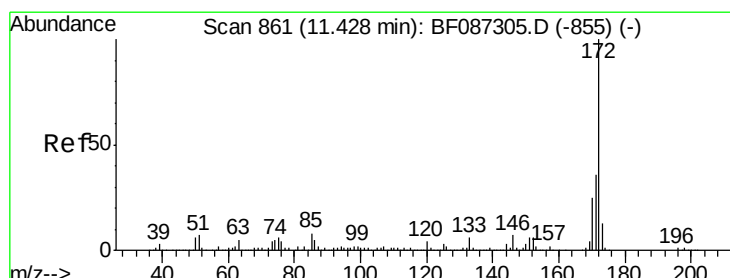
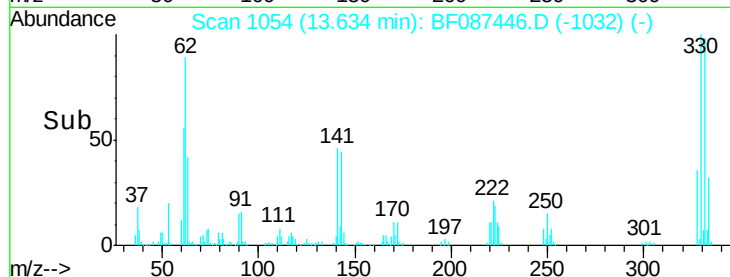
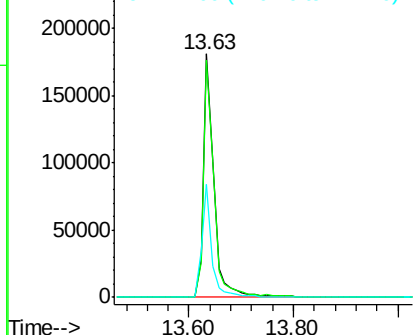
#41
 2,4,6-Tribromophenol
 Concen: 106.86 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087446.D
 Acq: 27 May 2016 16:46

Instrument :
 BNA_F
 ClientSampleID :
 PB90866BL

Tot Ion:330 Resp: 256257
 Ion Ratio Lower Upper
 330 100
 332 97.7 79.0 118.4
 141 44.1 31.2 46.8

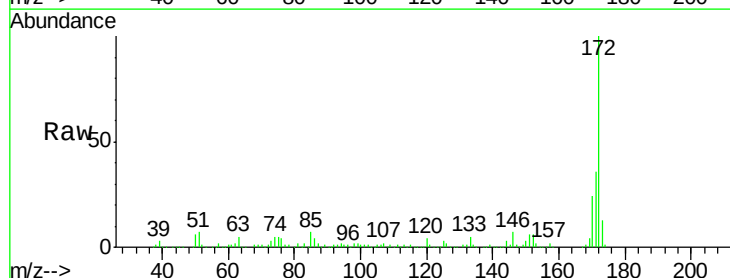


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

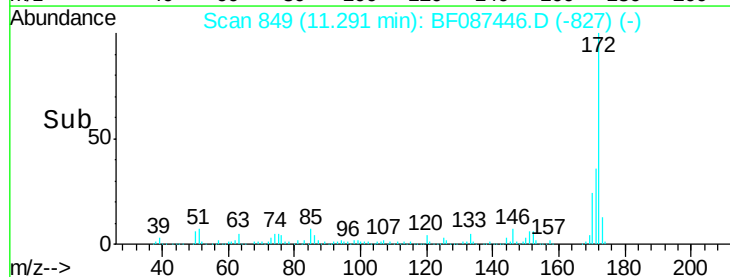
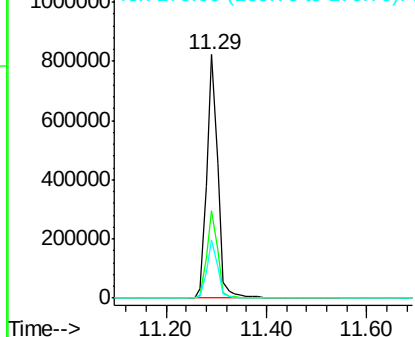


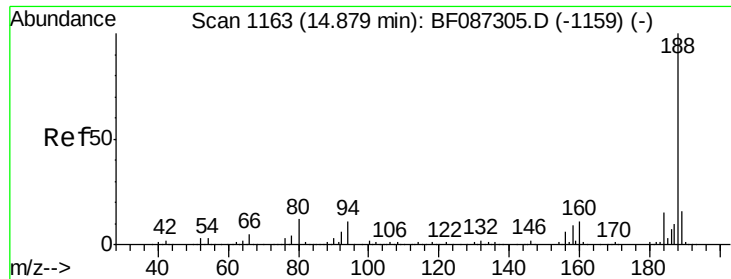
#44
 2-Fluorobiphenyl
 Concen: 70.65 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.05 min
 Lab File: BF087446.D
 Acq: 27 May 2016 16:46

Tgt Ion:172 Resp: 1250535
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 23.7 19.8 29.8



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: 20.00 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF087446.D

Acq: 27 May 2016 16:46

Instrument :

BNA_F

ClientSampleId :

PB90866BL

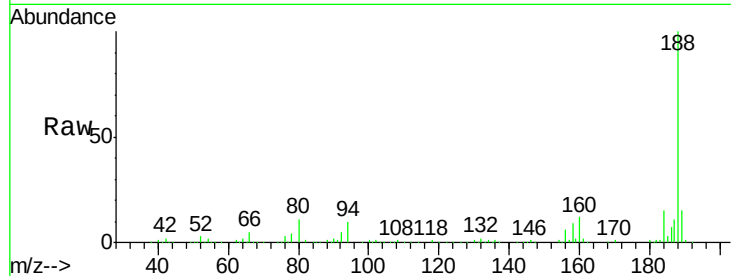
Tot Ion:188 Resp: 490178

Ion Ratio Lower Upper

188 100

94 9.7 6.8 10.2

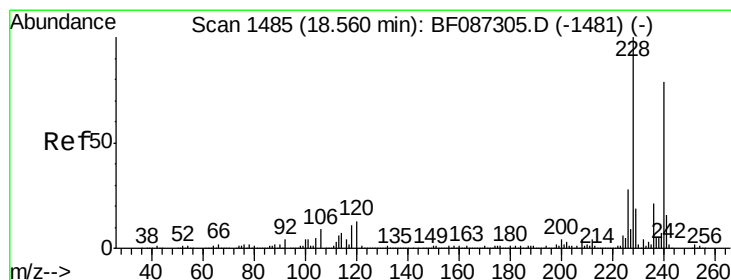
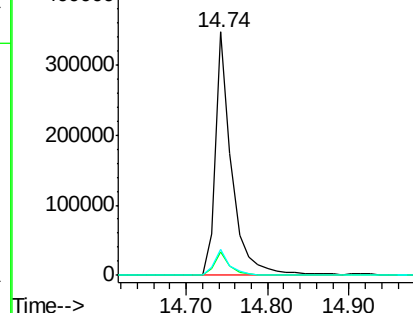
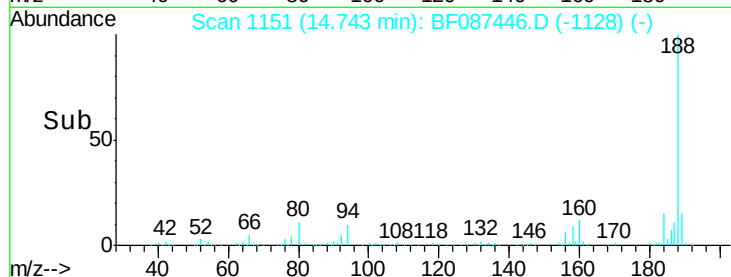
80 10.6 7.1 10.7



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: 20.00 ng

RT: 18.45 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BF087446.D

Acq: 27 May 2016 16:46

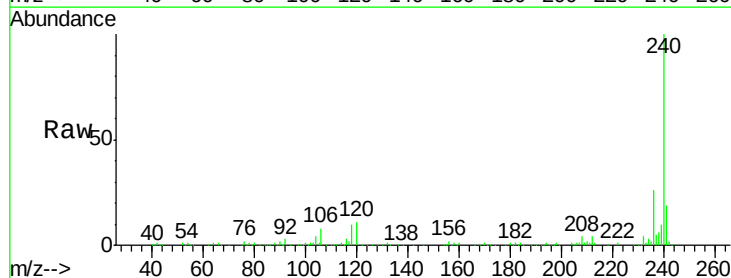
Tgt Ion:240 Resp: 416797

Ion Ratio Lower Upper

240 100

120 10.9 11.2 16.8#

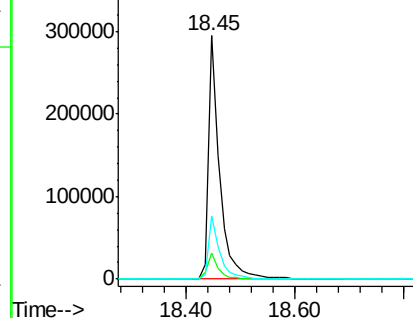
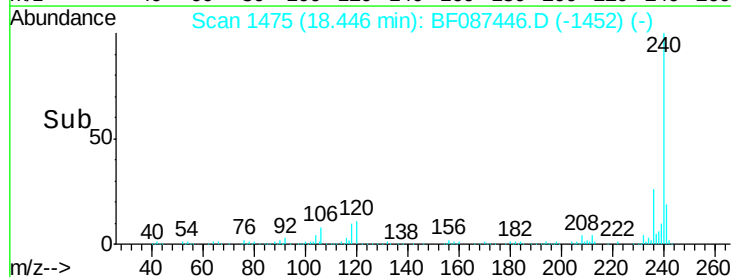
236 26.2 21.2 31.8

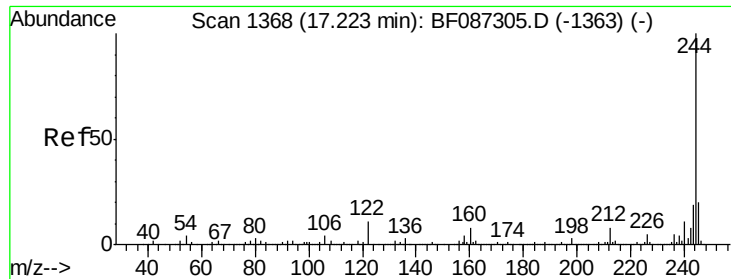


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.93 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.03 min

Lab File: BF087446.D

Acq: 27 May 2016 16:46

Instrument :

BNA_F

ClientSampleId :

PB90866BL

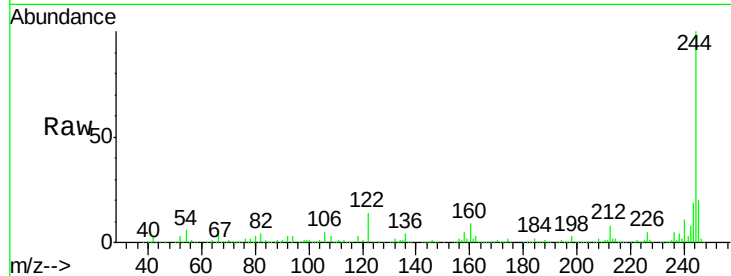
Tot Ion:244 Resp: 1331673

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

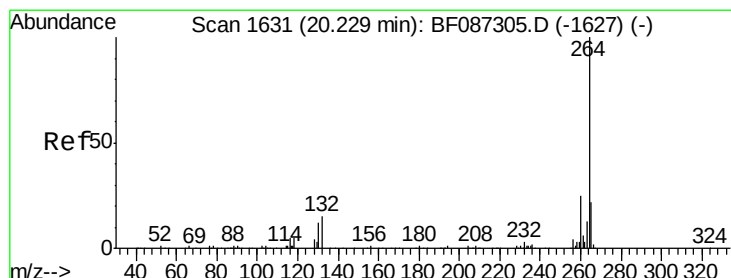
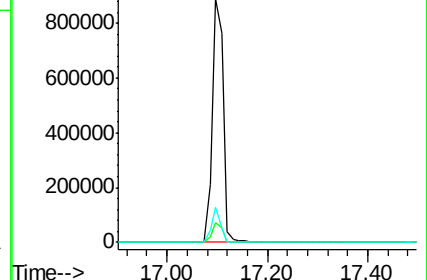
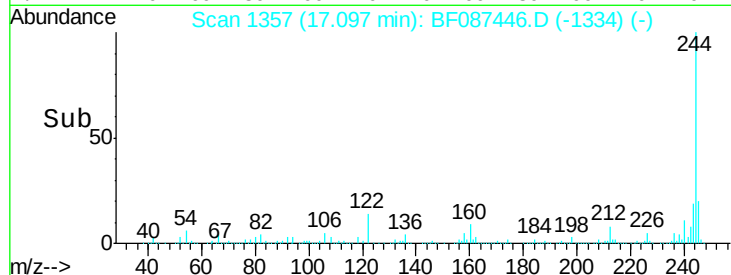
122 14.4 12.0 18.0



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: 20.00 ng

RT: 20.13 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF087446.D

Acq: 27 May 2016 16:46

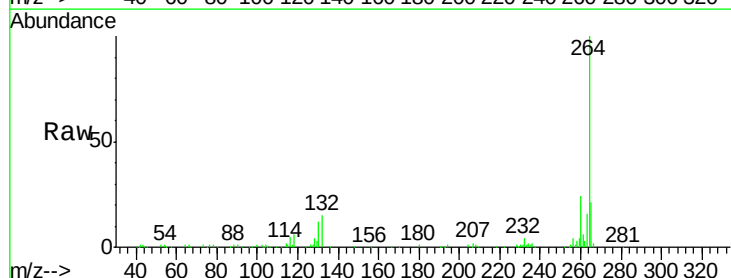
Tgt Ion:264 Resp: 283978

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.1 17.3 25.9



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

