

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087566.D
 Acq On : 31 May 2016 00:28
 Operator : UM/SJ
 Sample : H3249-03
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: May 31 02:09:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 00:45:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	100086	20.00	ng	0.01
21) Naphthalene-d8	9.52	136	406852	20.00	ng	0.01
38) Acenaphthene-d10	12.34	164	179718	20.00	ng	0.01
63) Phenanthrene-d10	14.77	188	301102	20.00	ng	0.02
75) Chrysene-d12	18.48	240	235936	20.00	ng	0.03
86) Perylene-d12	20.18	264	191404	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	374376	65.73	ng	0.03
7) Phenol-d6	7.11	99	303497	39.43	ng	0.07
23) Nitrobenzene-d5	8.40	82	782092	96.88	ng	-0.01
41) 2,4,6-Tribromophenol	13.66	330	249140	144.26	ng	0.02
44) 2-Fluorobiphenyl	11.29	172	1225683	96.15	ng	0.00
78) Terphenyl-d14	17.10	244	882249	79.50	ng	0.00

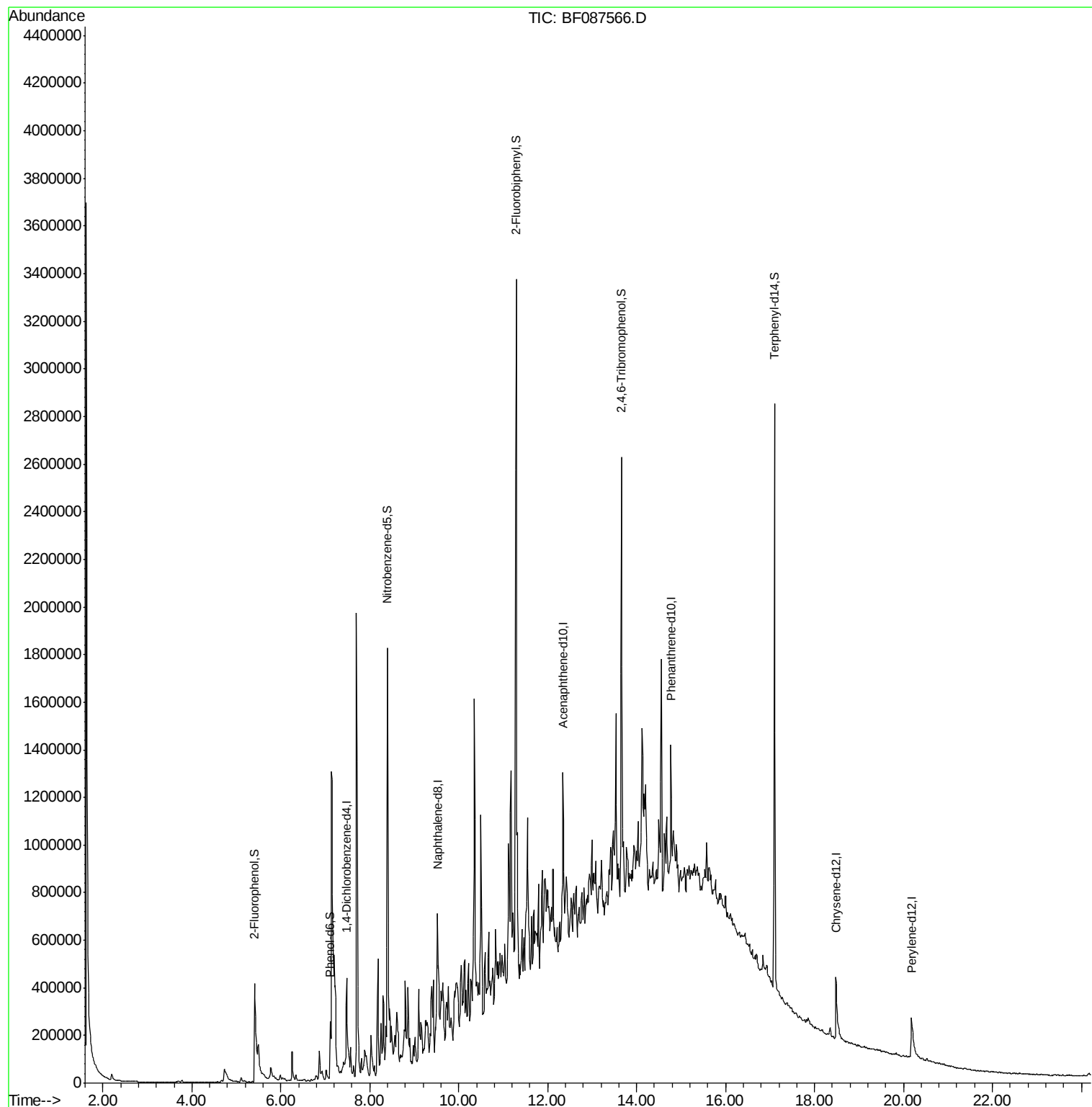
Target Compounds Qvalue

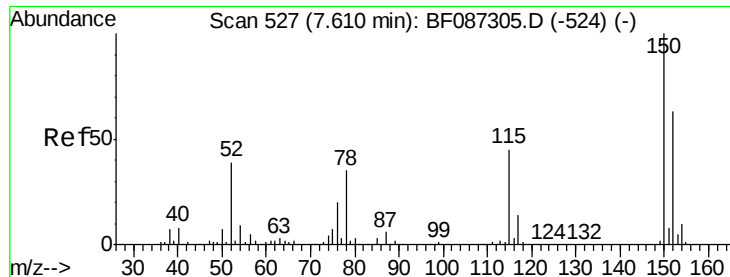
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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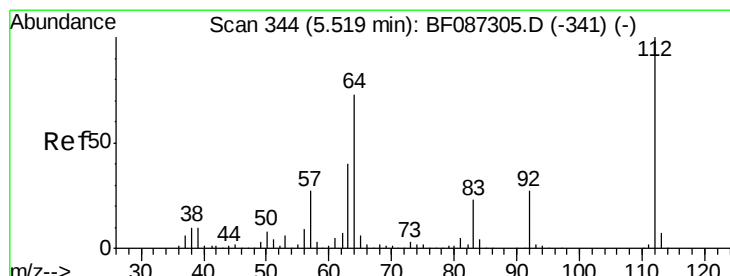
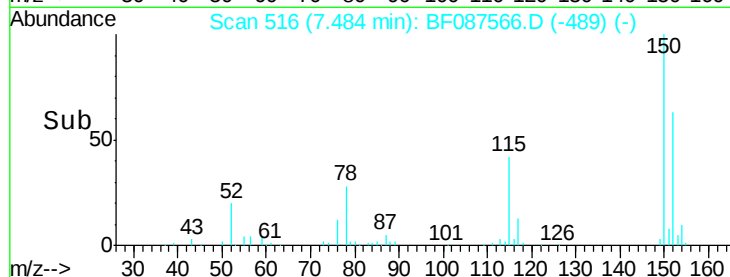
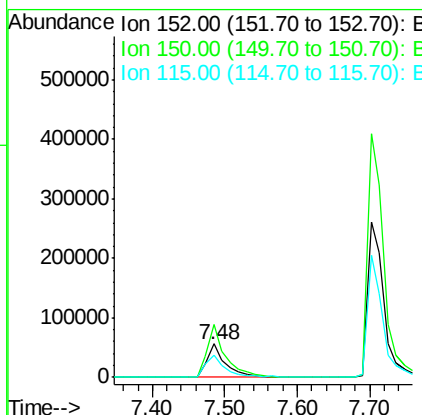
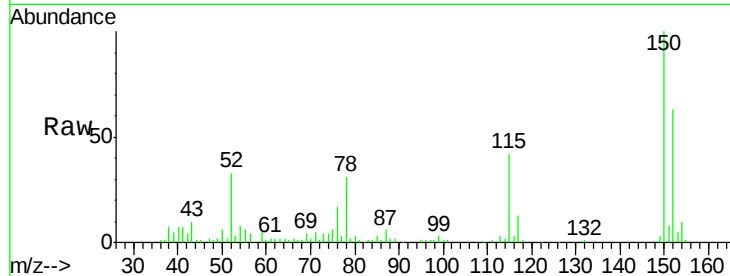


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. 0.01 min
Lab File: BF087566.D
Acq: 31 May 2016 00:28

Instrument :
BNA_F
ClientSampled :
MW-16

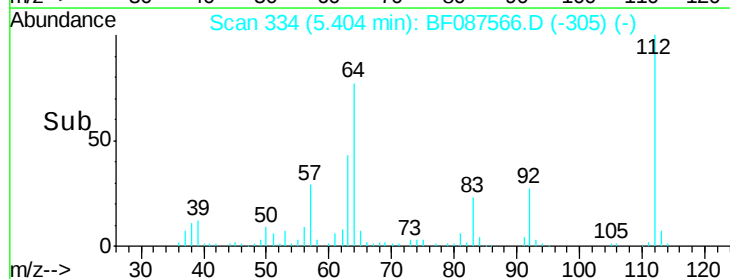
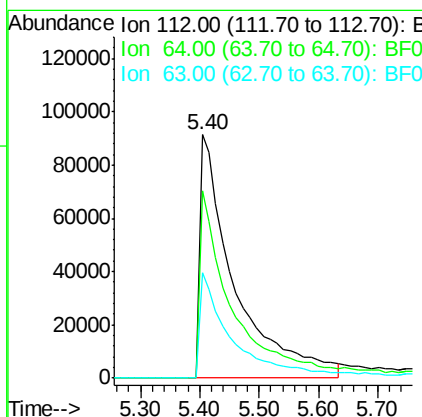
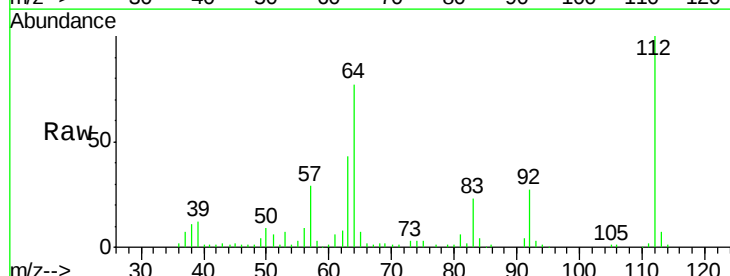
Tot Ion:152 Resp: 100086
Ion Ratio Lower Upper
152 100
150 158.9 125.8 188.6
115 67.2 51.5 77.3

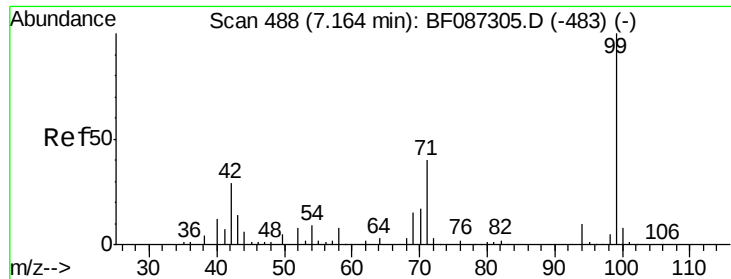


#5

2-Fluorophenol
Concen: 65.73 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.03 min
Lab File: BF087566.D
Acq: 31 May 2016 00:28

Tgt Ion:112 Resp: 374376
Ion Ratio Lower Upper
112 100
64 76.9 52.1 78.1
63 43.5 25.7 38.5#





#7

Phenol-d6

Concen: 39.43 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.07 min

Lab File: BF087566.D

Acq: 31 May 2016 00:28

Instrument :

BNA_F

ClientSampleId :

MW-16

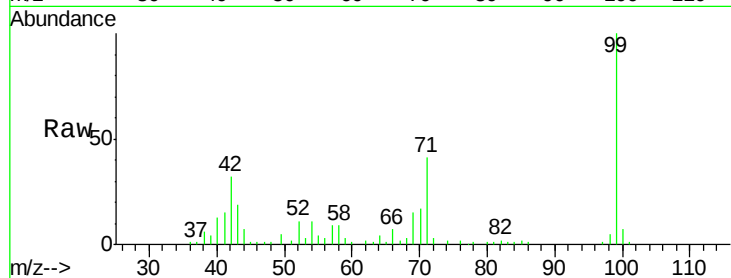
Tot Ion: 99 Resp: 303497

Ion Ratio Lower Upper

99 100

42 31.9 13.6 20.4#

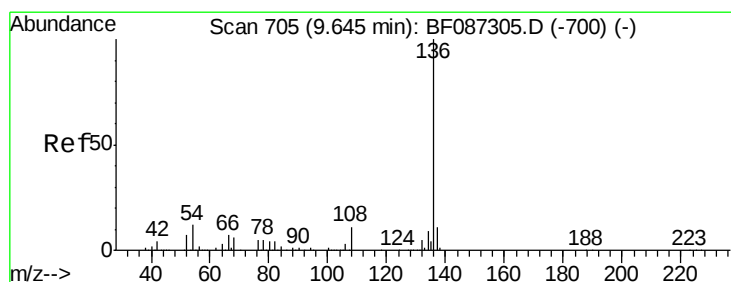
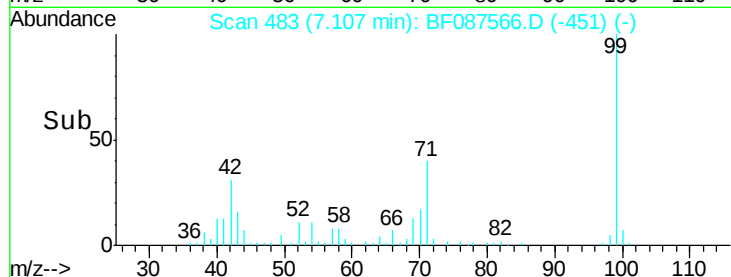
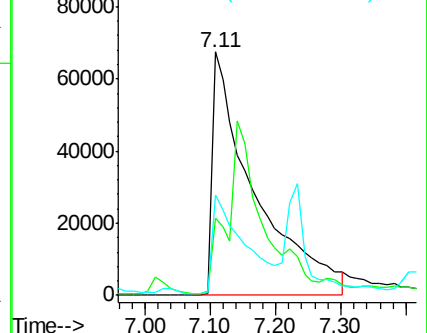
71 41.3 24.6 36.8#



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. 0.01 min

Lab File: BF087566.D

Acq: 31 May 2016 00:28

Tgt Ion: 136 Resp: 406852

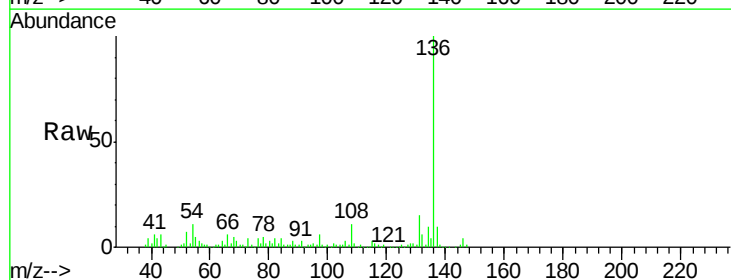
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 10.5 5.0 7.4#

68 5.4 4.4 6.6

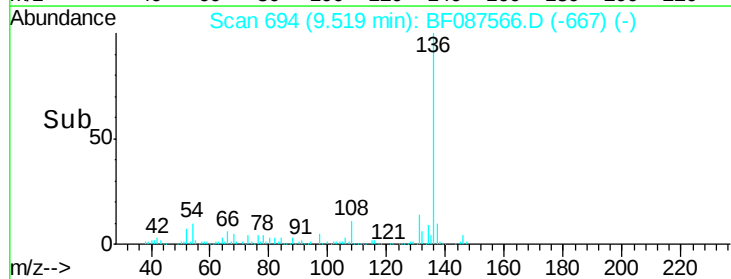
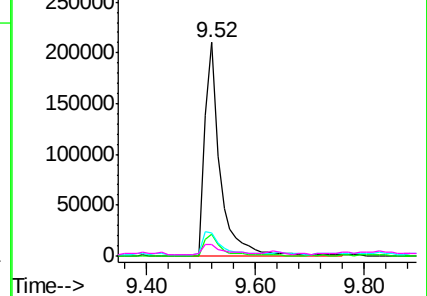


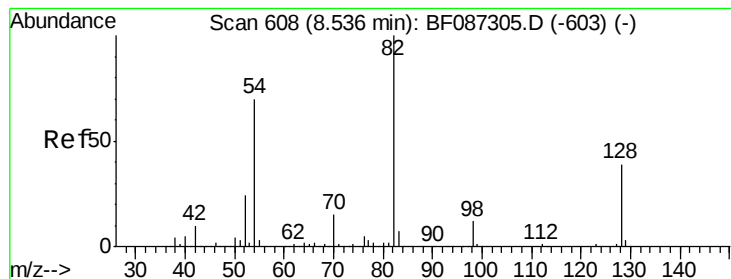
Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.88 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF087566.D

Acq: 31 May 2016 00:28

Instrument :

BNA_F

ClientSampleId :

MW-16

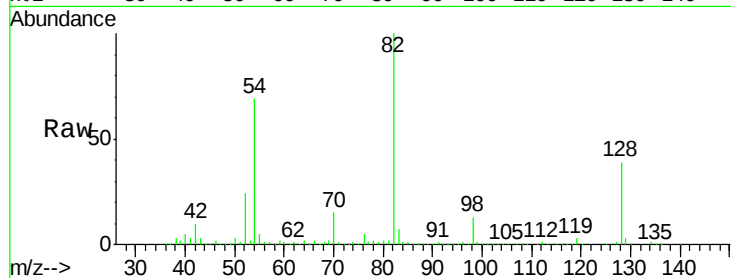
Tot Ion: 82 Resp: 782092

Ion Ratio Lower Upper

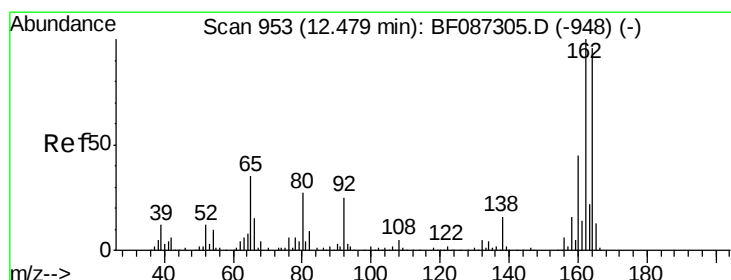
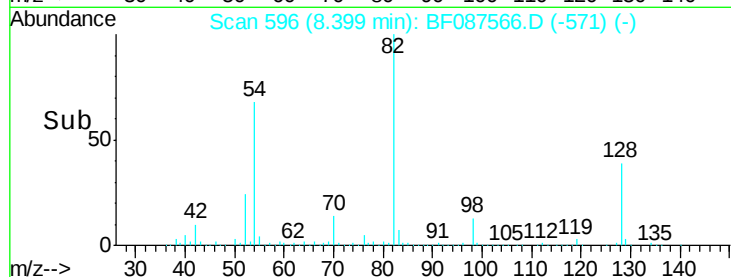
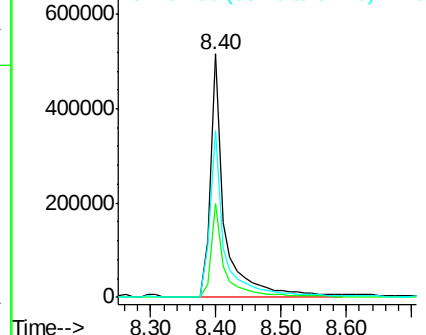
82 100

128 38.8 40.6 61.0#

54 68.5 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF087566.D

Acq: 31 May 2016 00:28

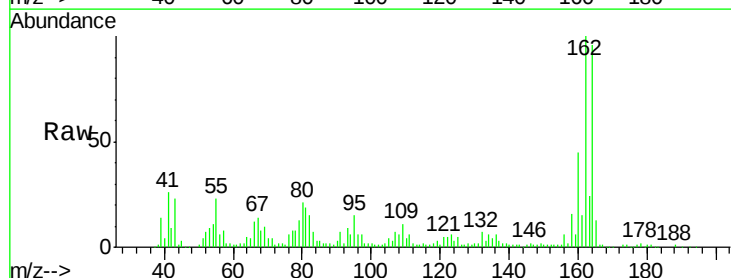
Tgt Ion:164 Resp: 179718

Ion Ratio Lower Upper

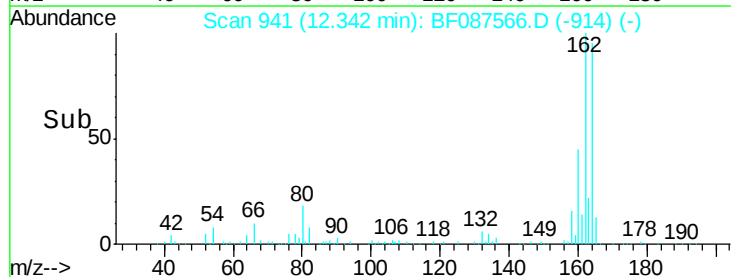
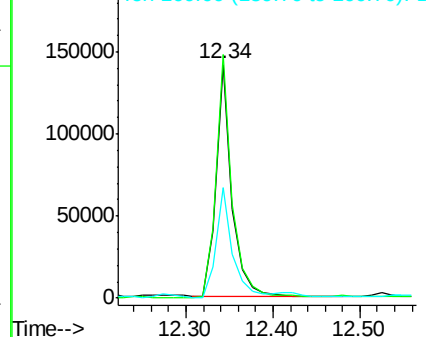
164 100

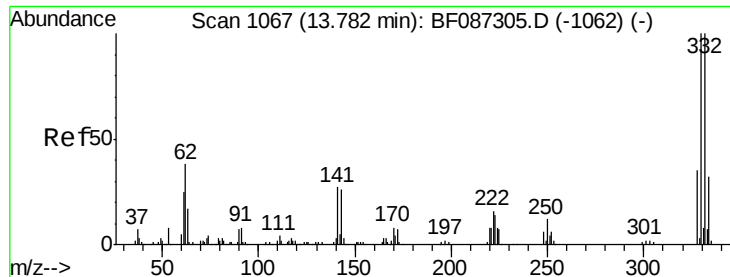
162 104.1 82.8 124.2

160 47.3 36.9 55.3



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: 144.26 ng

RT: 13.66 min Scan# 1056

Delta R.T. 0.02 min

Lab File: BF087566.D

Acq: 31 May 2016 00:28

Instrument :

BNA_F

ClientSampled :

MW-16

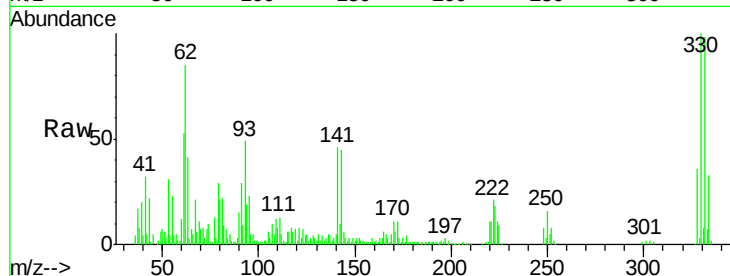
Tot Ion:330 Resp: 249140

Ion Ratio Lower Upper

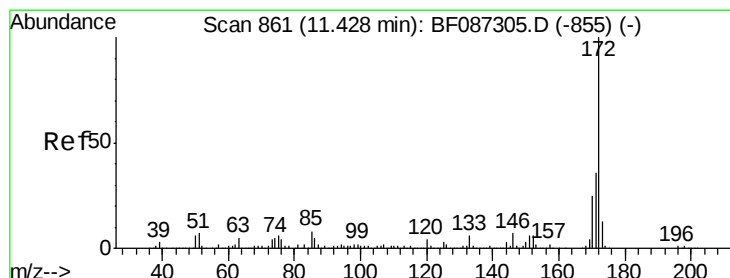
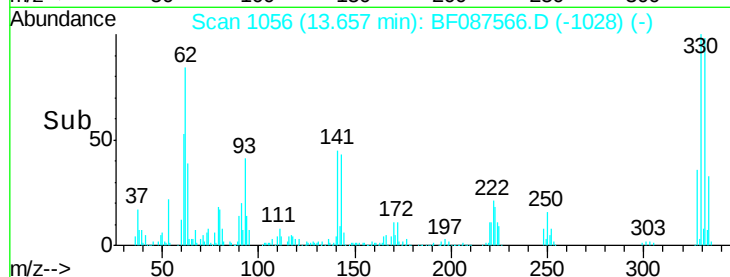
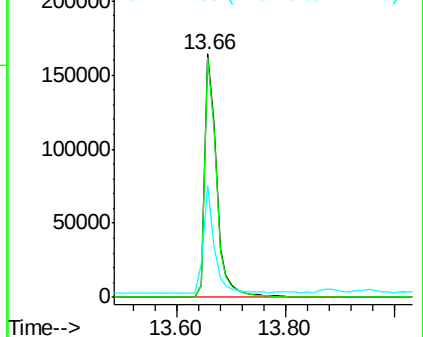
330 100

332 97.4 79.0 118.4

141 41.3 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: 96.15 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF087566.D

Acq: 31 May 2016 00:28

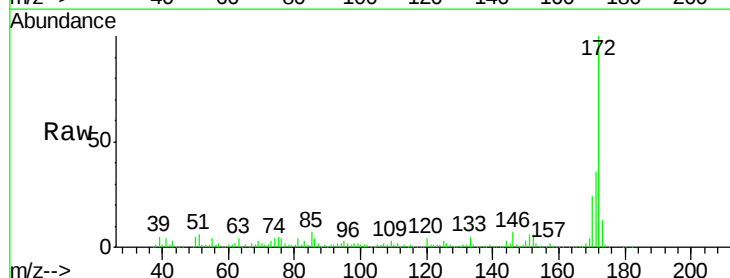
Tgt Ion:172 Resp: 1225683

Ion Ratio Lower Upper

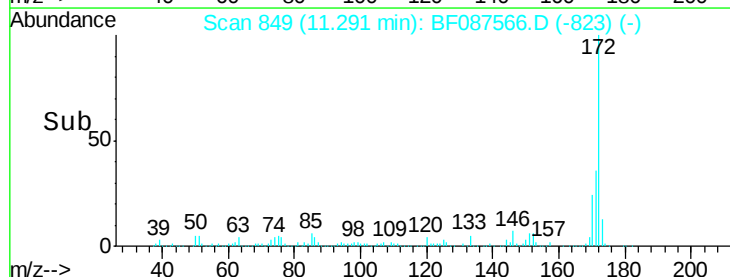
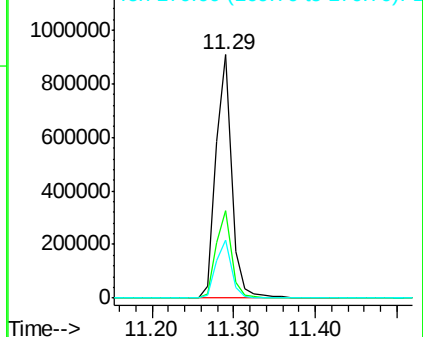
172 100

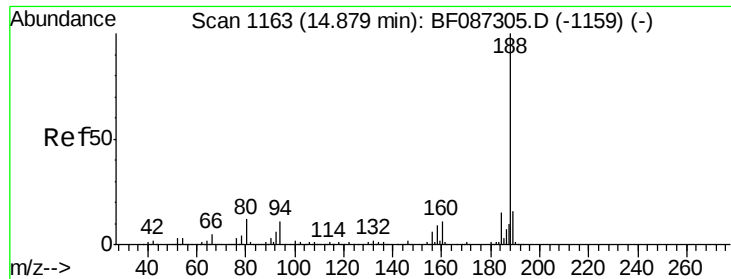
171 36.1 29.0 43.6

170 24.0 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

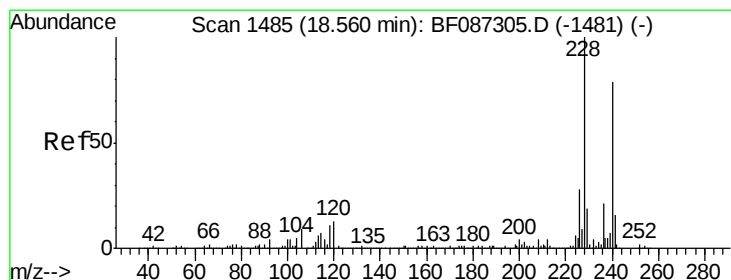
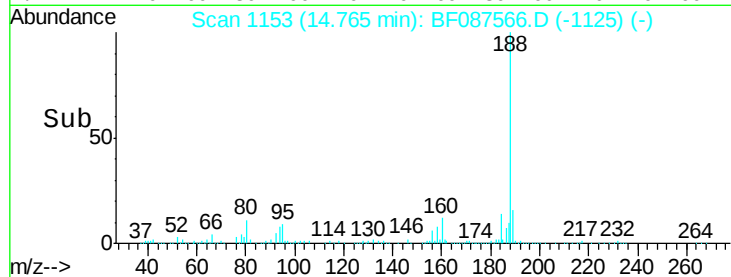
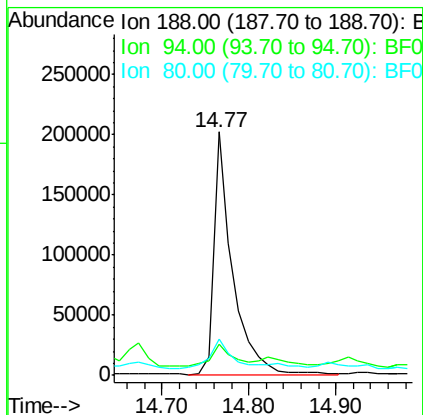
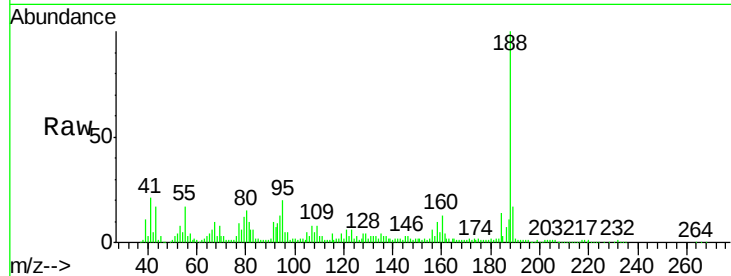




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF087566.D
Acq: 31 May 2016 00:28

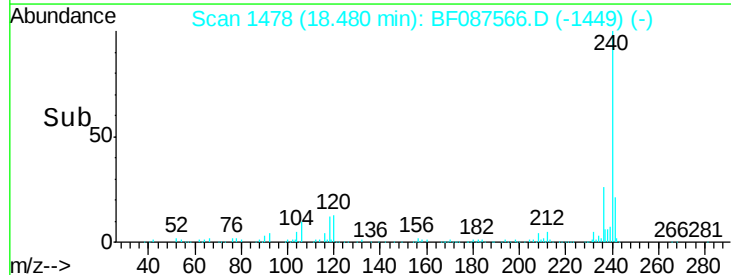
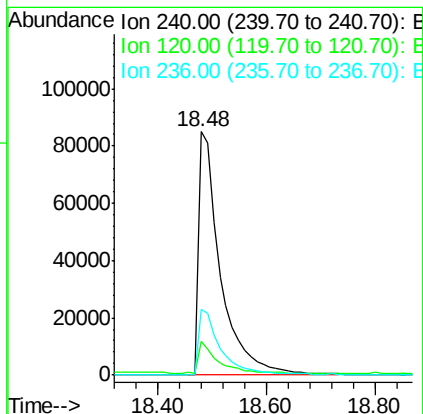
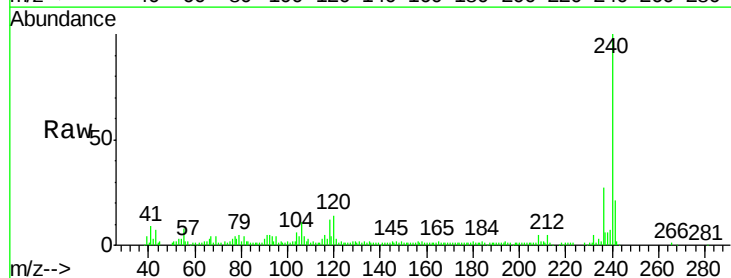
Instrument :
BNA_F
ClientSampleId :
MW-16

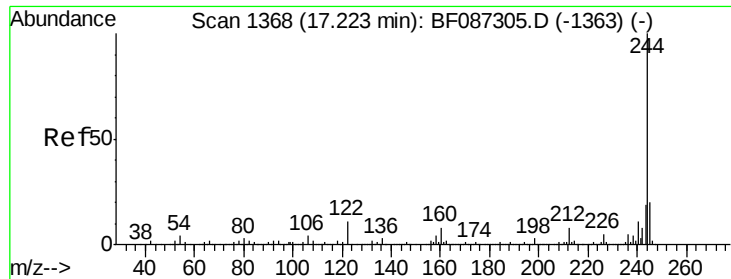
Tot Ion:188 Resp: 301102
Ion Ratio Lower Upper
188 100
94 13.0 6.8 10.2#
80 14.9 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.48 min Scan# 1478
Delta R.T. 0.03 min
Lab File: BF087566.D
Acq: 31 May 2016 00:28

Tgt Ion:240 Resp: 235936
Ion Ratio Lower Upper
240 100
120 13.7 11.2 16.8
236 26.8 21.2 31.8





#78

Terphenyl-d14

Concen: 79.50 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BF087566.D

Acq: 31 May 2016 00:28

Instrument :

BNA_F

ClientSampleId :

MW-16

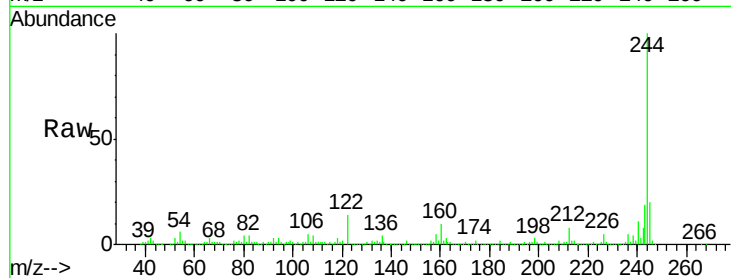
Tot Ion:244 Resp: 882249

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

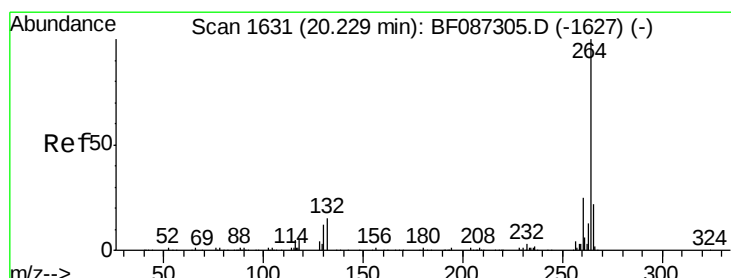
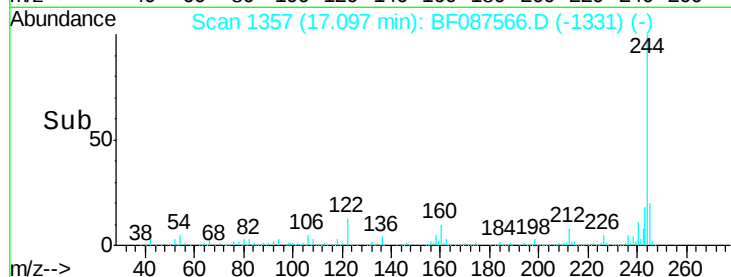
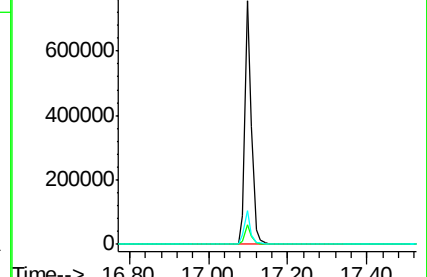
122 13.7 12.0 18.0



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: 20.18 min Scan# 1627

Delta R.T. 0.06 min

Lab File: BF087566.D

Acq: 31 May 2016 00:28

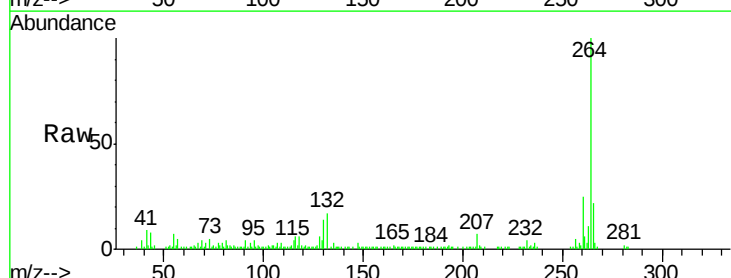
Tgt Ion:264 Resp: 191404

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.7 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

