

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087571.D
 Acq On : 31 May 2016 3:20
 Operator : UM/SJ
 Sample : H3249-08
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: May 31 03:53:49 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	107022	20.00	ng	0.01
21) Naphthalene-d8	9.52	136	437812	20.00	ng	0.01
38) Acenaphthene-d10	12.33	164	206665	20.00	ng	0.00
63) Phenanthrene-d10	14.77	188	362564	20.00	ng	0.02
75) Chrysene-d12	18.49	240	239279	20.00	ng	0.05
86) Perylene-d12	20.18	264	193879	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	386420	63.44	ng	0.03
7) Phenol-d6	7.06	99	337525	41.01	ng	0.02
23) Nitrobenzene-d5	8.40	82	856575	98.60	ng	-0.01
41) 2,4,6-Tribromophenol	13.63	330	249676	125.72	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1328164	90.60	ng	-0.01
78) Terphenyl-d14	17.09	244	1068725	94.96	ng	-0.01

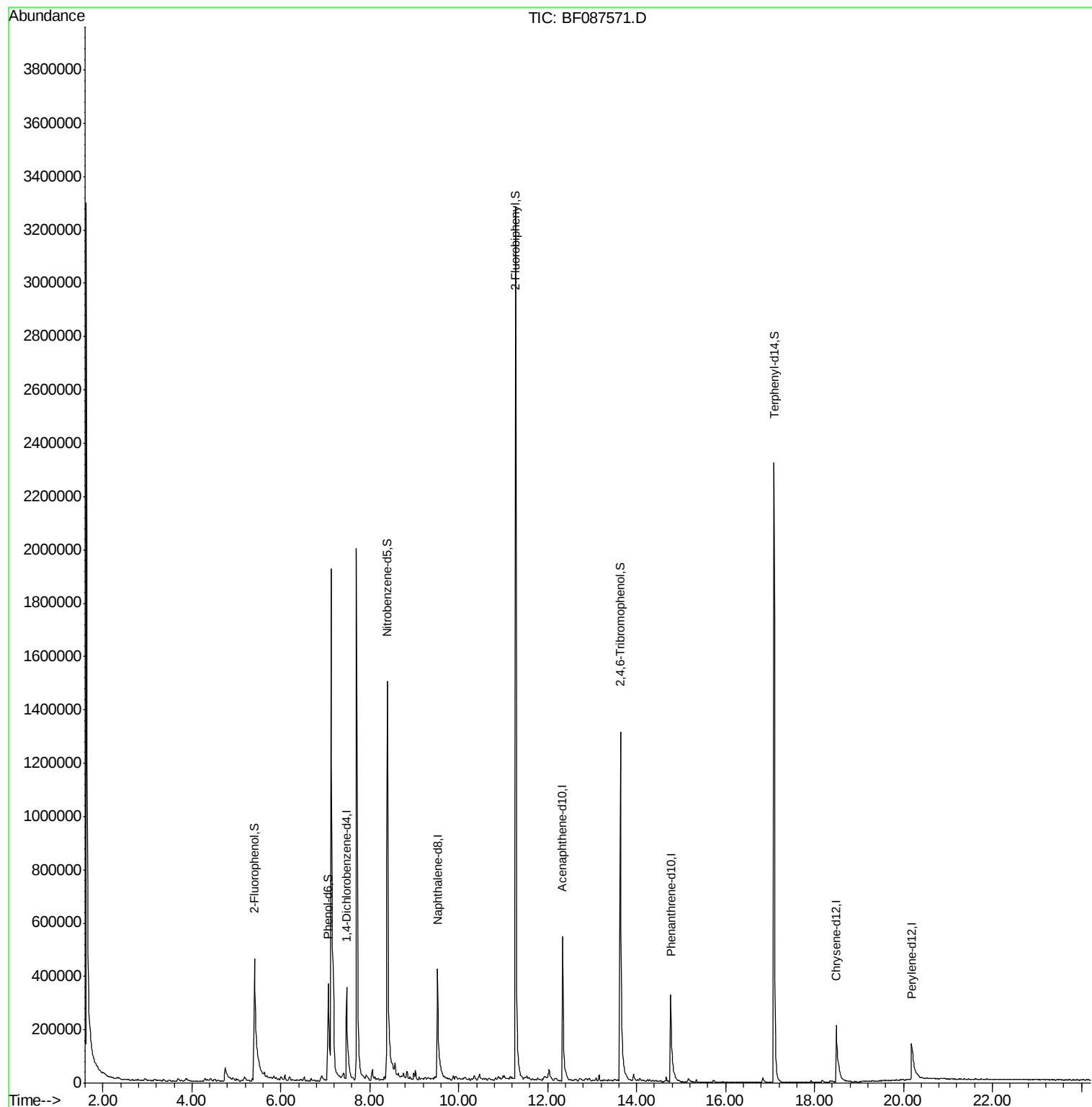
Target Compounds Qvalue

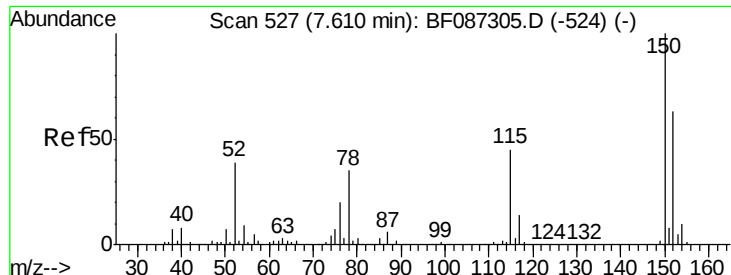
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087571.D

Acq: 31 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

MW-04

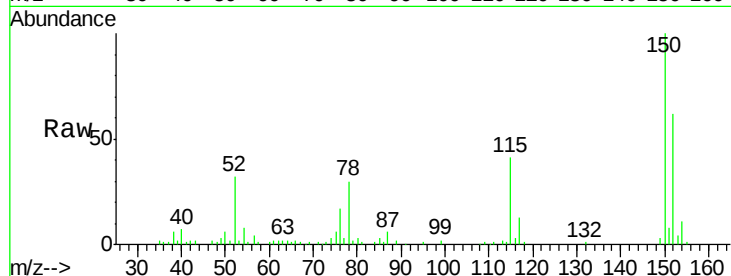
Tot Ion:152 Resp: 107022

Ion Ratio Lower Upper

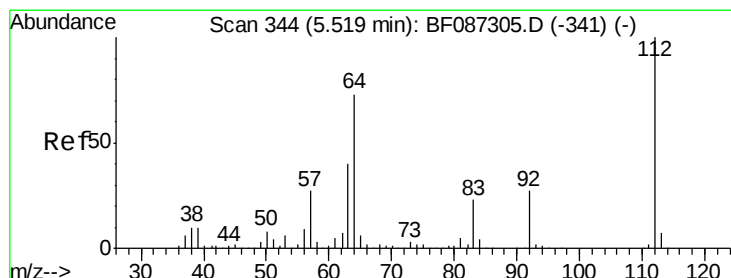
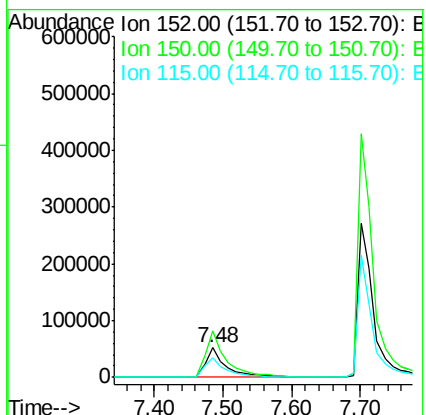
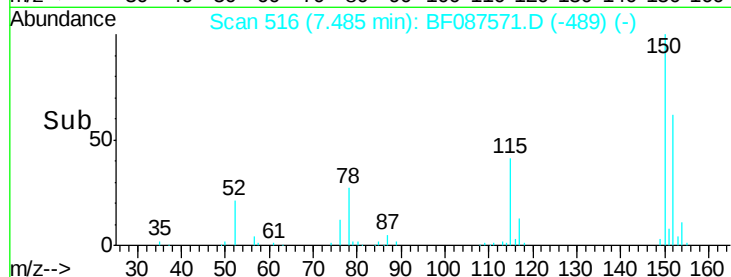
152 100

150 160.8 125.8 188.6

115 66.7 51.5 77.3



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: 63.44 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.03 min

Lab File: BF087571.D

Acq: 31 May 2016 3:20

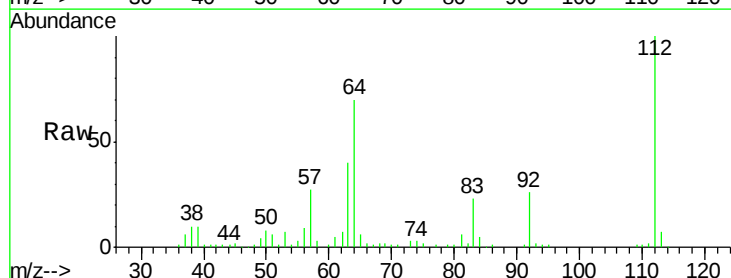
Tgt Ion:112 Resp: 386420

Ion Ratio Lower Upper

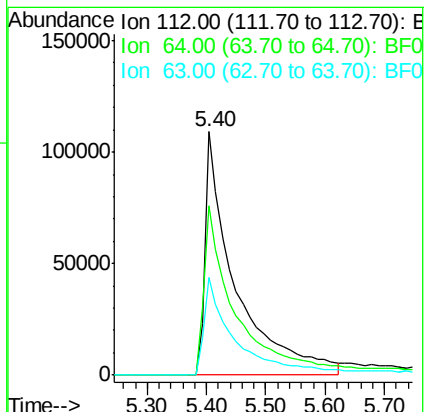
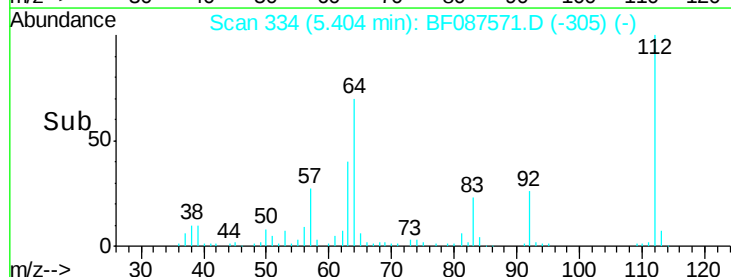
112 100

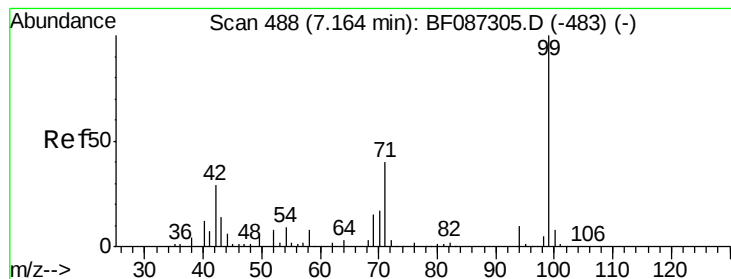
64 69.5 52.1 78.1

63 39.9 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.01 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.02 min

Lab File: BF087571.D

Acq: 31 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

MW-04

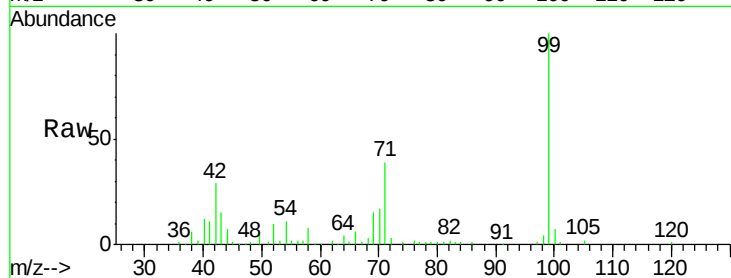
Tot Ion: 99 Resp: 337525

Ion Ratio Lower Upper

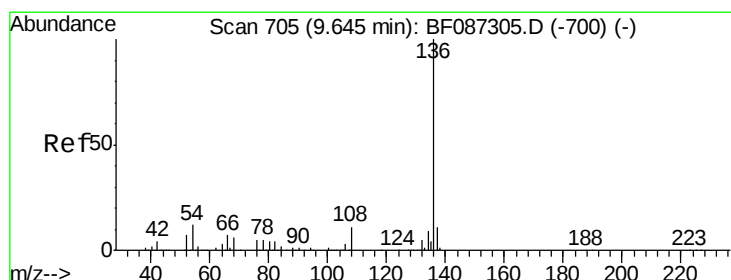
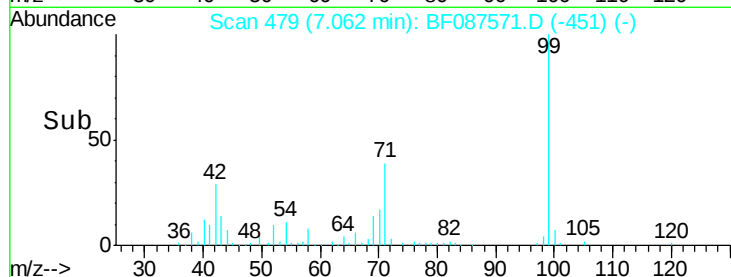
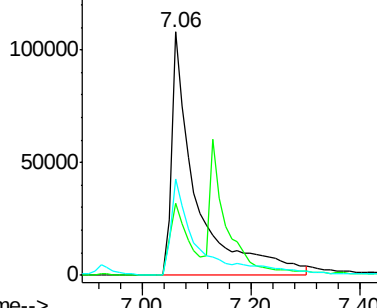
99 100

42 29.5 13.6 20.4#

71 39.4 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: BF087571.D

Acq: 31 May 2016 3:20

Tgt Ion: 136 Resp: 437812

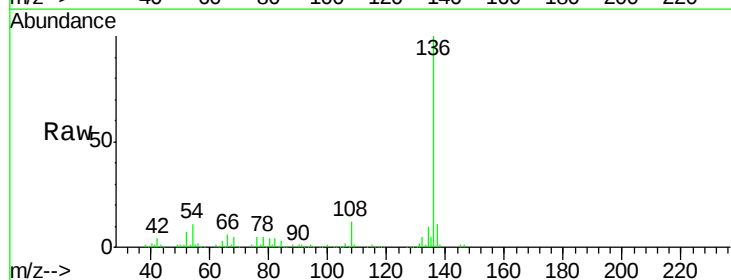
Ion Ratio Lower Upper

136 100

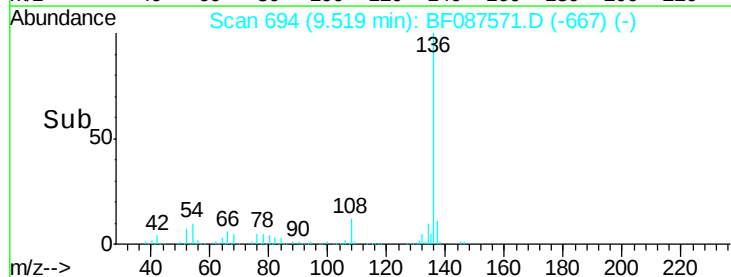
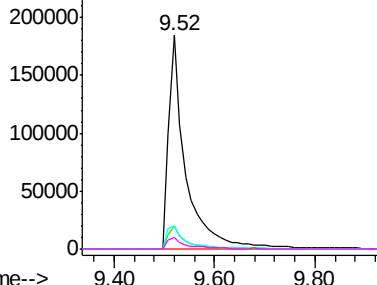
137 11.0 8.8 13.2

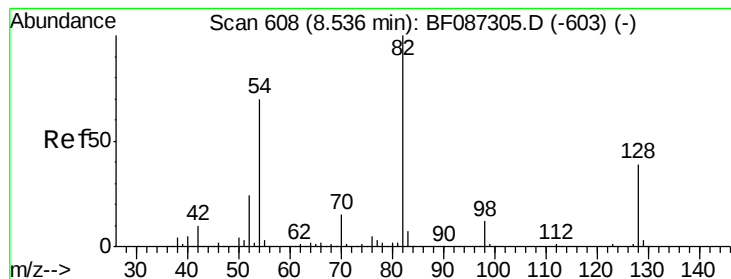
54 10.6 5.0 7.4#

68 5.2 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: 98.60 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF087571.D

Acq: 31 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

MW-04

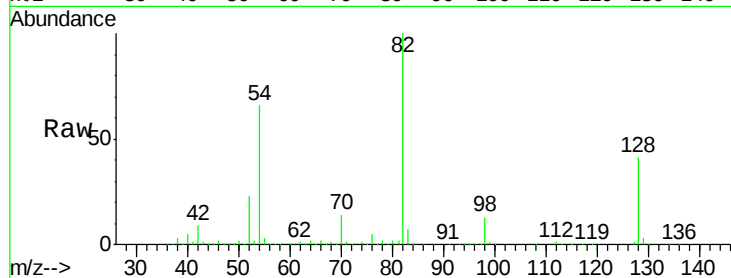
Tot Ion: 82 Resp: 856575

Ion Ratio Lower Upper

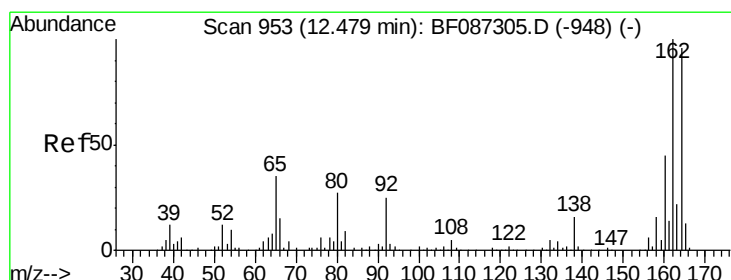
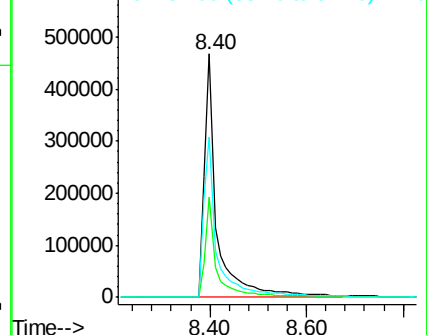
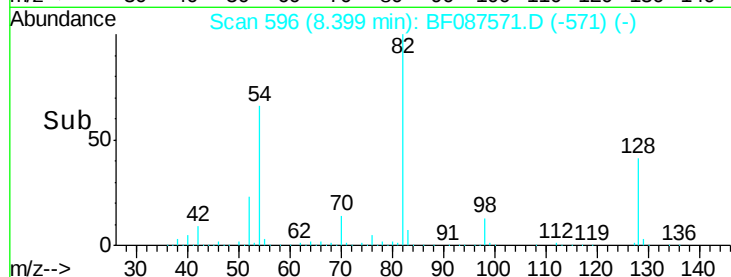
82 100

128 41.0 40.6 61.0

54 65.9 38.1 57.1#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.33 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF087571.D

Acq: 31 May 2016 3:20

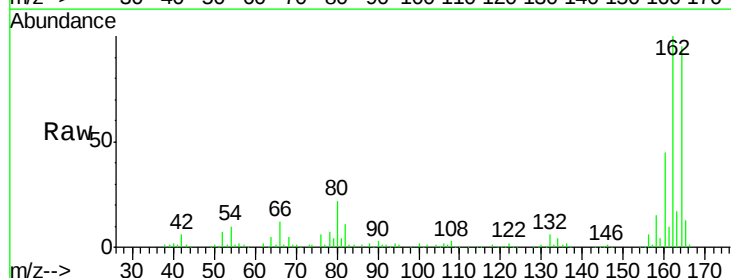
Tgt Ion: 164 Resp: 206665

Ion Ratio Lower Upper

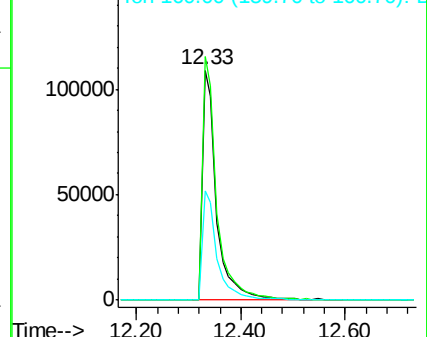
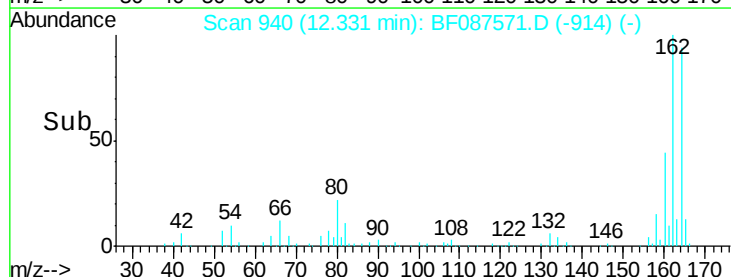
164 100

162 105.8 82.8 124.2

160 47.5 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

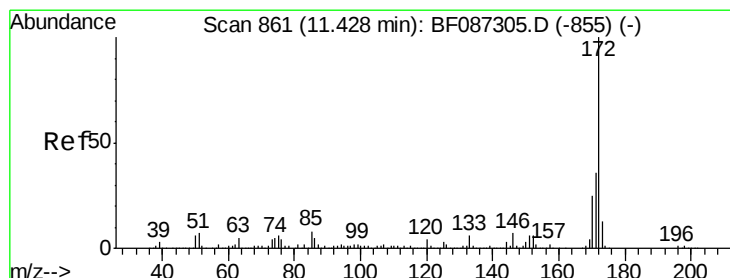
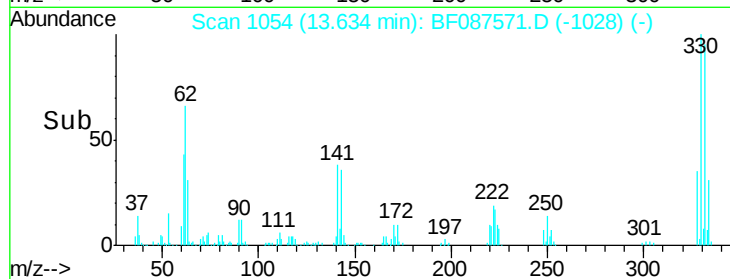
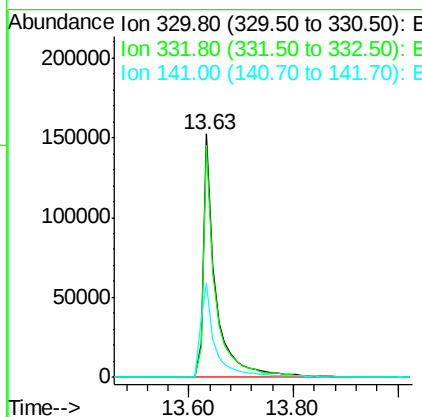
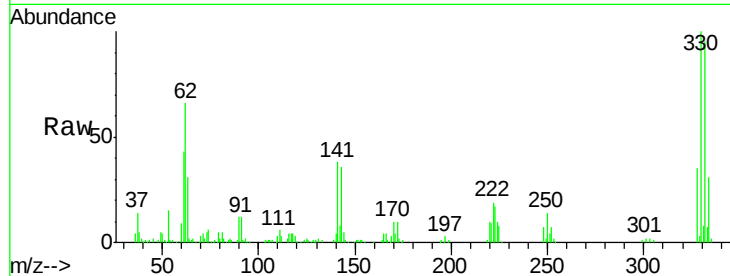




#41
 2,4,6-Tribromophenol
 Concen: 125.72 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF087571.D
 Acq: 31 May 2016 3:20

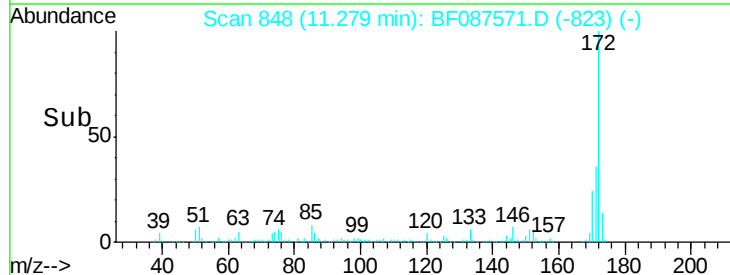
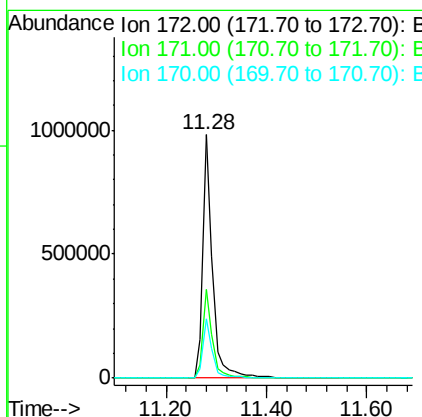
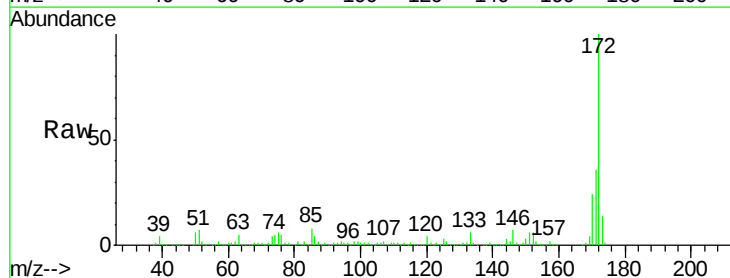
Instrument :
 BNA_F
 ClientSampleId :
 MW-04

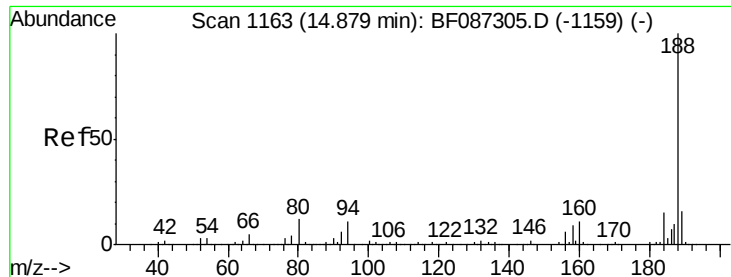
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	79.0	118.4
141	47.1	31.2	46.8#



#44
 2-Fluorobiphenyl
 Concen: 90.60 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087571.D
 Acq: 31 May 2016 3:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.5	19.8	29.8

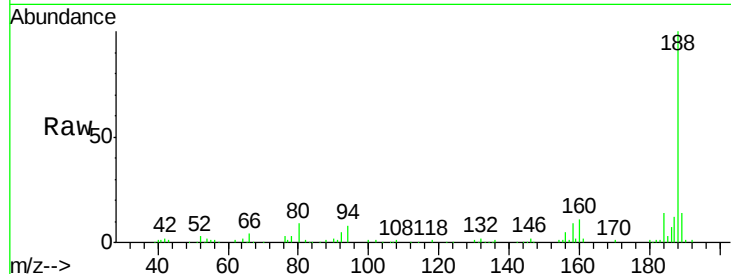




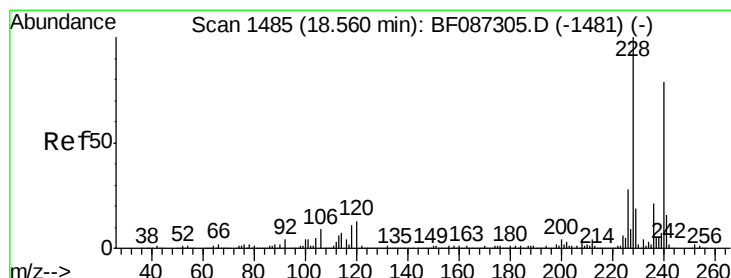
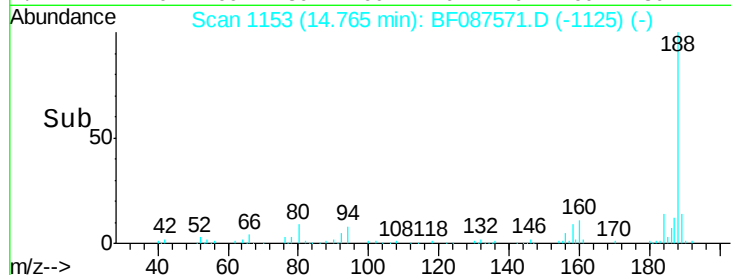
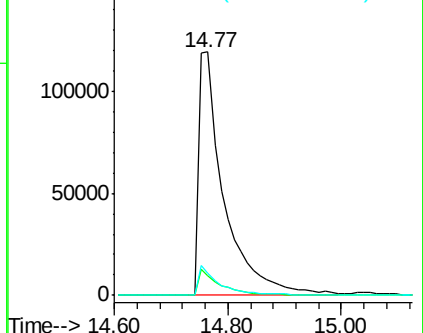
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
MW-04

Tot Ion:188 Resp: 362564
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.9 7.1 10.7

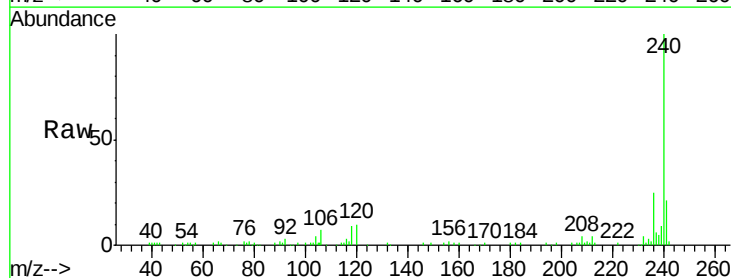


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

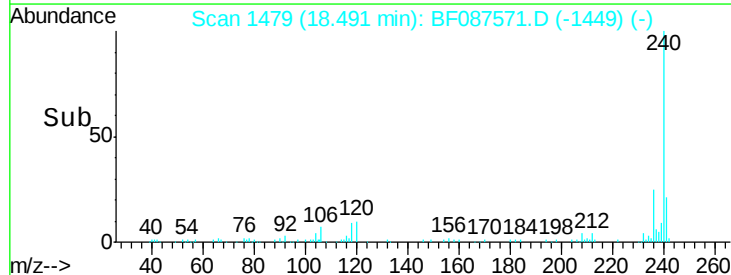
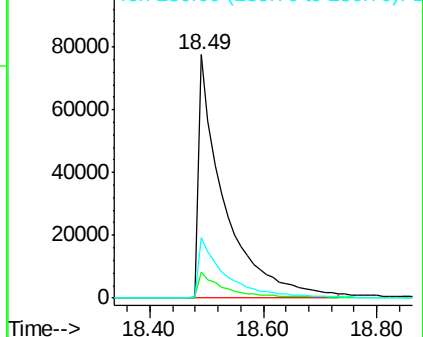


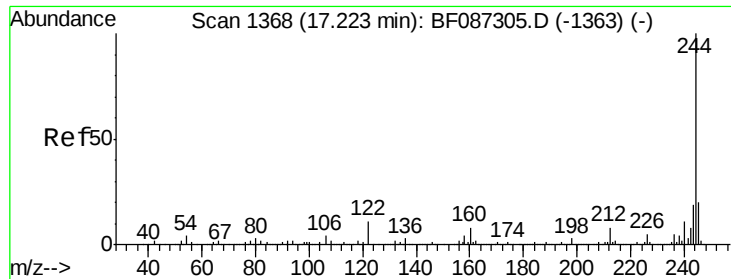
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.49 min Scan# 1479
Delta R.T. 0.05 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Tgt Ion:240 Resp: 239279
Ion Ratio Lower Upper
240 100
120 10.4 11.2 16.8#
236 24.9 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: 94.96 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087571.D

Acq: 31 May 2016 3:20

Instrument :

BNA_F

ClientSampled :

MW-04

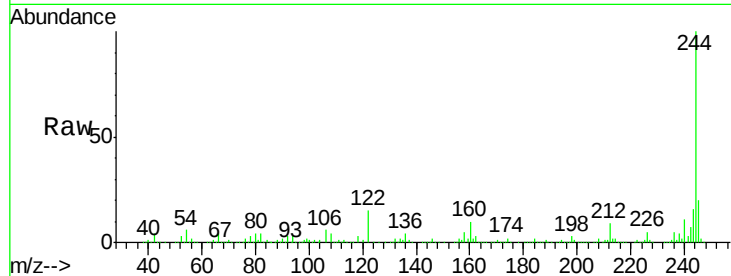
Tot Ion:244 Resp: 1068725

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.2

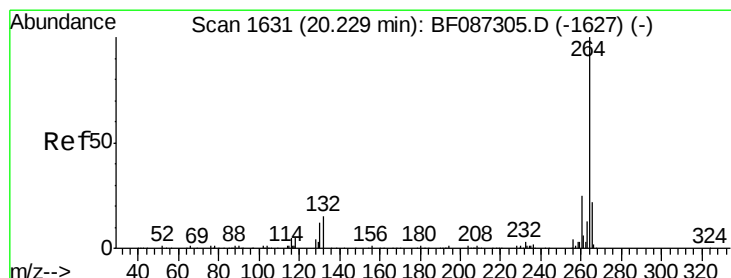
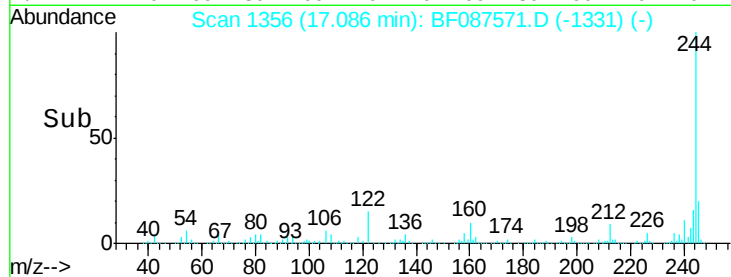
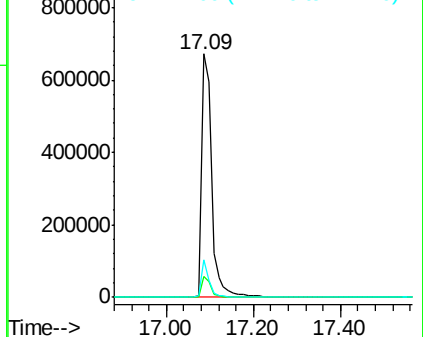
122 15.3 12.0 18.0



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: BF087571.D

Acq: 31 May 2016 3:20

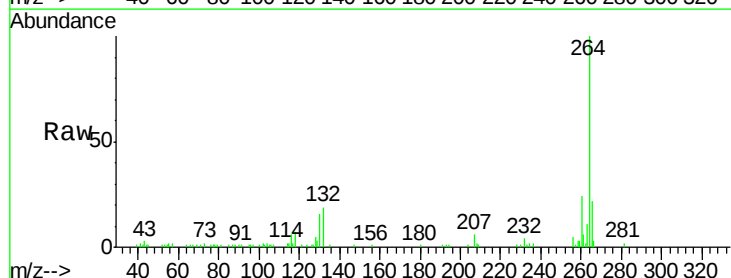
Tgt Ion:264 Resp: 193879

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 22.0 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

