

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087532.D
 Acq On : 30 May 2016 2:49
 Operator : UM/SJ
 Sample : H3222-17
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Quant Time: May 30 07:20:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 07:00:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	112268	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	438809	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	201800	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	377976	20.00	ng	0.00
75) Chrysene-d12	18.46	240	270935	20.00	ng	0.01
86) Perylene-d12	20.15	264	208776	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	463725	72.58	ng	0.01
7) Phenol-d6	7.03	99	382260	44.28	ng	-0.01
23) Nitrobenzene-d5	8.39	82	838758	96.33	ng	-0.02
41) 2,4,6-Tribromophenol	13.62	330	277858	143.28	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1428573	99.80	ng	-0.01
78) Terphenyl-d14	17.09	244	1169085	91.74	ng	-0.01

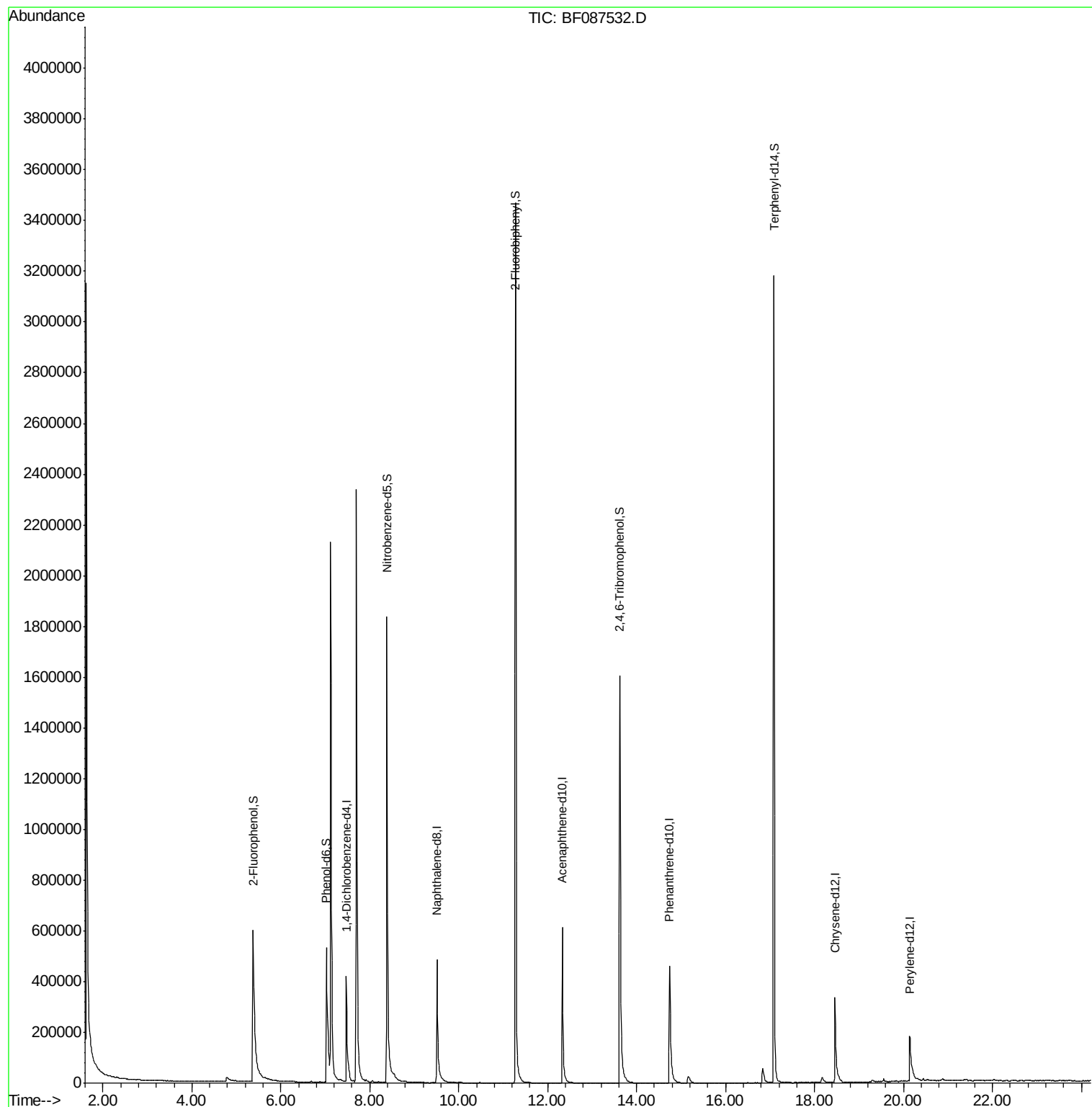
Target Compounds Qvalue

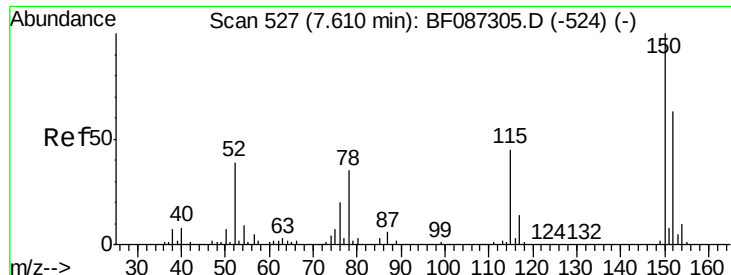
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF087532.D

Acq: 30 May 2016 2:49

Instrument :

BNA_F

ClientSampleId :

MW-19

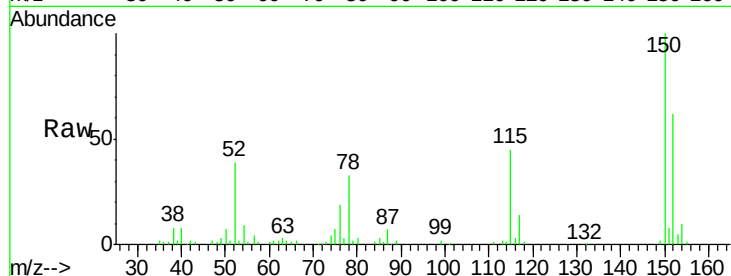
Tot Ion:152 Resp: 112268

Ion Ratio Lower Upper

152 100

150 161.0 125.8 188.6

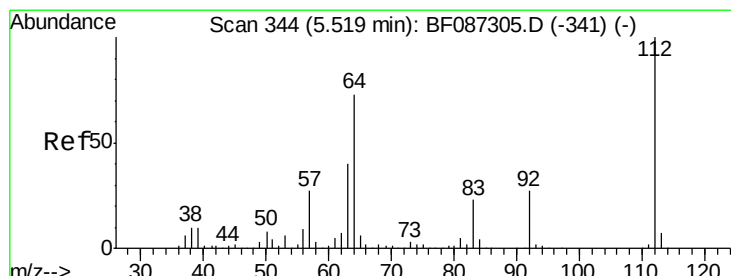
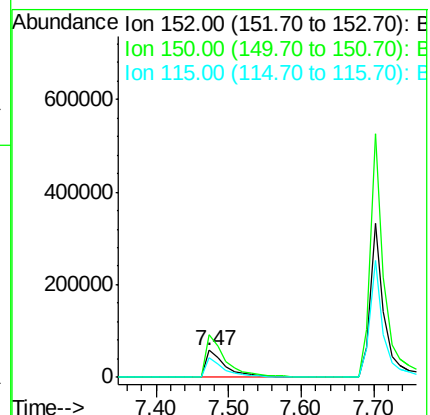
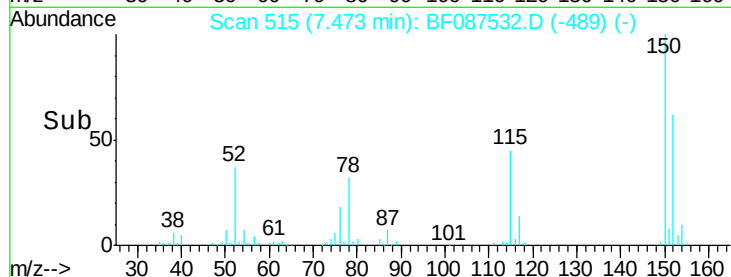
115 72.1 51.5 77.3



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: 72.58 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF087532.D

Acq: 30 May 2016 2:49

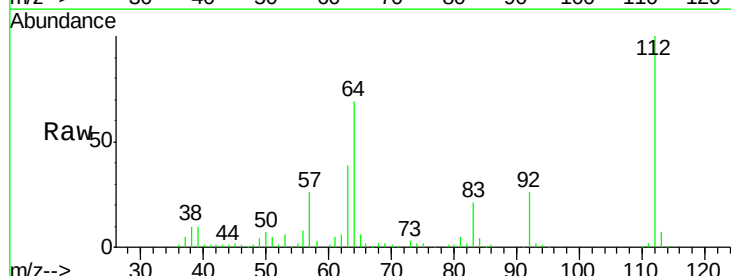
Tgt Ion:112 Resp: 463725

Ion Ratio Lower Upper

112 100

64 68.6 52.1 78.1

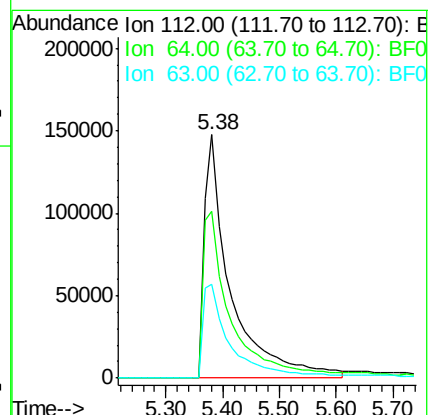
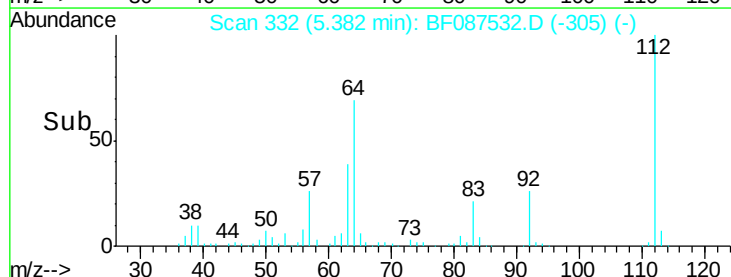
63 38.7 25.7 38.5#

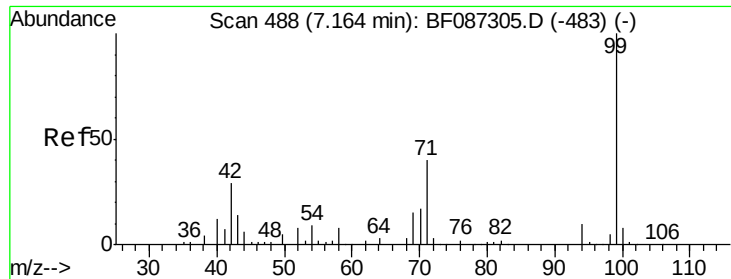


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.28 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087532.D

Acq: 30 May 2016 2:49

Instrument :

BNA_F

ClientSampleId :

MW-19

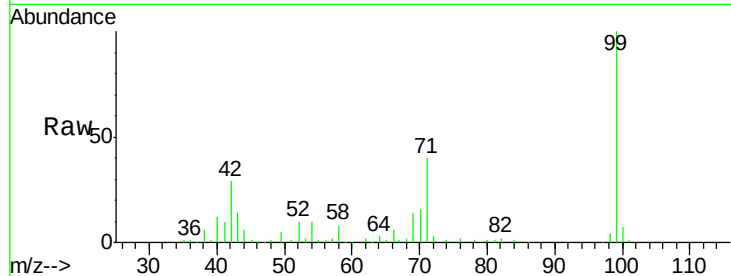
Tot Ion: 99 Resp: 382260

Ion Ratio Lower Upper

99 100

42 29.3 13.6 20.4#

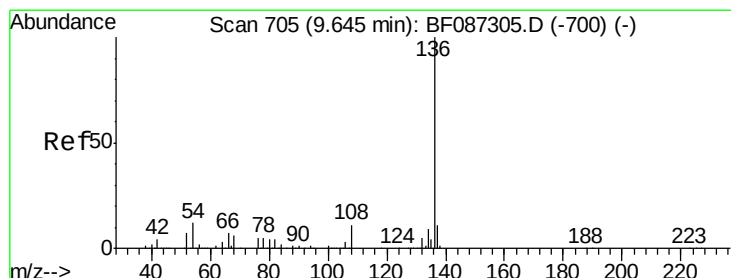
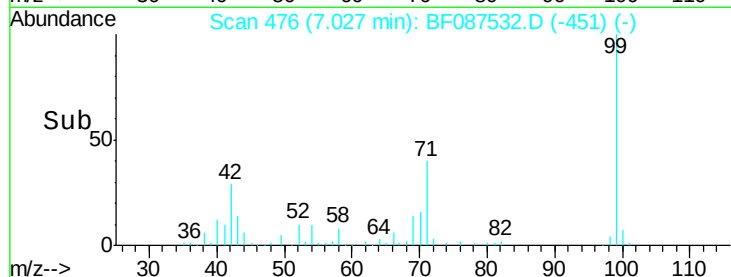
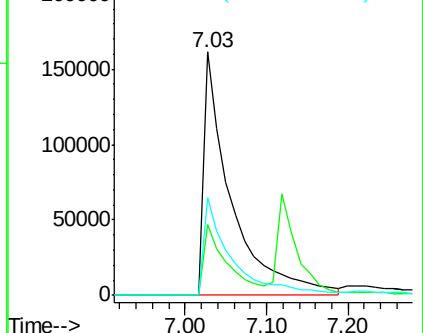
71 40.0 24.6 36.8#



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: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF087532.D

Acq: 30 May 2016 2:49

Tgt Ion: 136 Resp: 438809

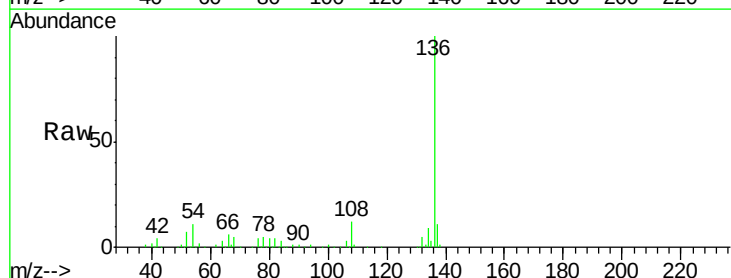
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 11.1 5.0 7.4#

68 5.1 4.4 6.6

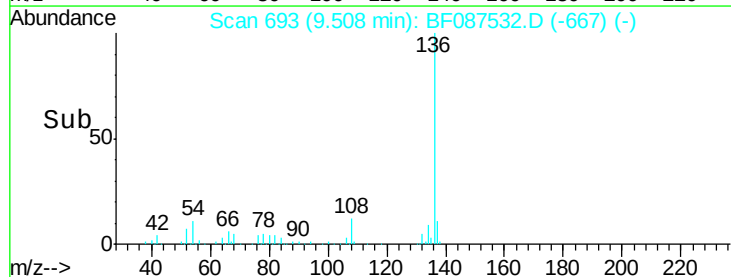
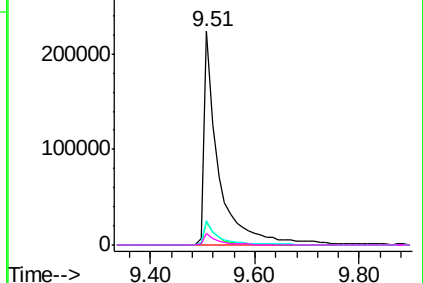


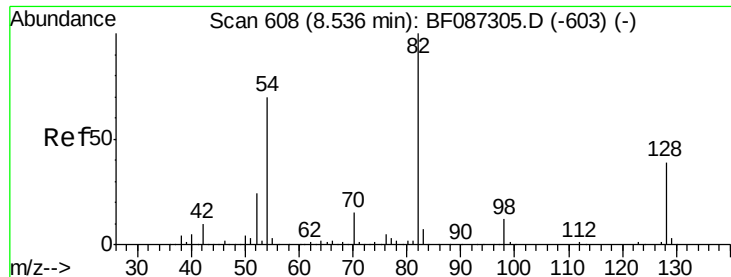
Abundance Ion 136.00 (135.70 to 136.70): E

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

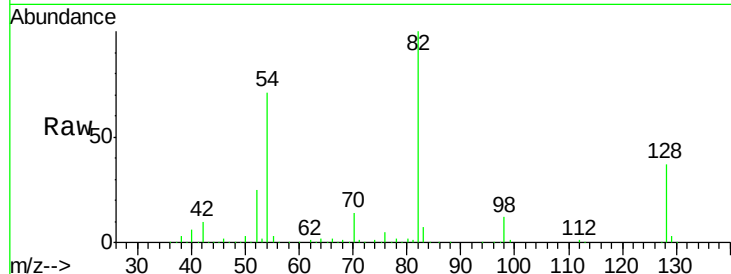




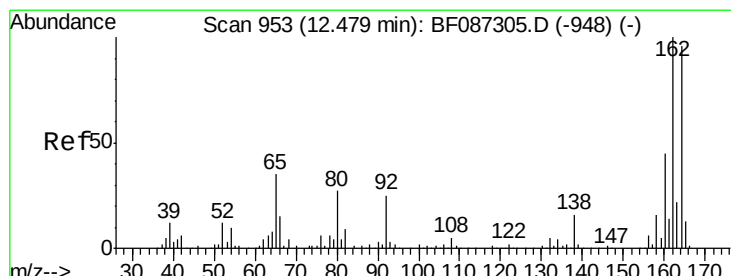
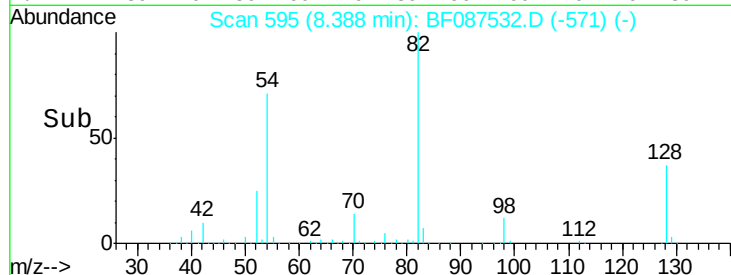
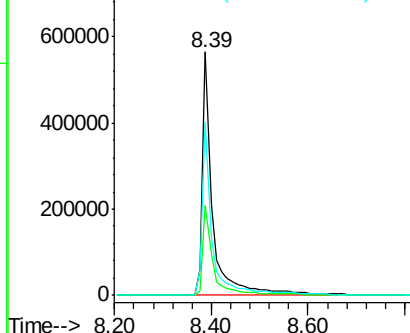
#23
 Nitrobenzene-d5
 Concen: 96.33 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF087532.D
 Acq: 30 May 2016 2:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Tot Ion: 82 Resp: 838758
 Ion Ratio Lower Upper
 82 100
 128 37.2 40.6 61.0#
 54 71.3 38.1 57.1#

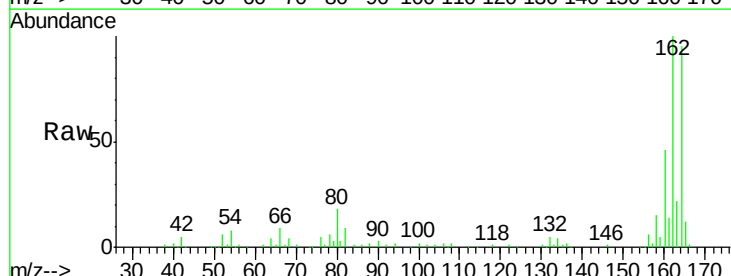


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

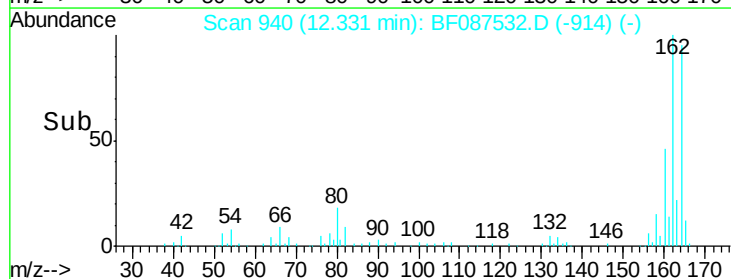
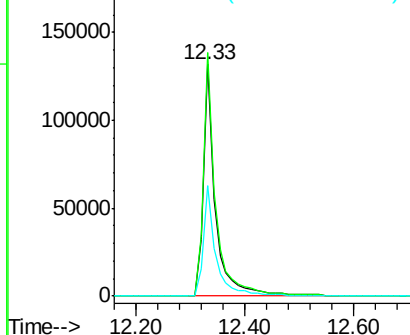


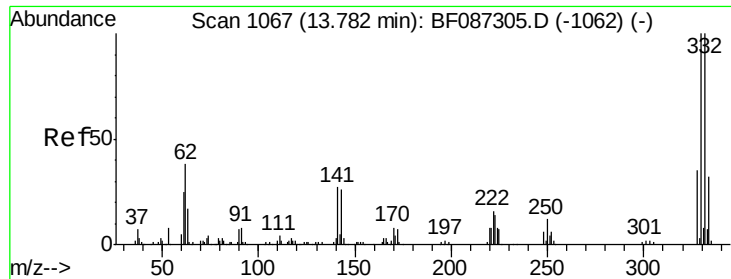
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF087532.D
 Acq: 30 May 2016 2:49

Tgt Ion: 164 Resp: 201800
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.8 124.2
 160 47.9 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: 143.28 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF087532.D

Acq: 30 May 2016 2:49

Instrument :

BNA_F

ClientSampled :

MW-19

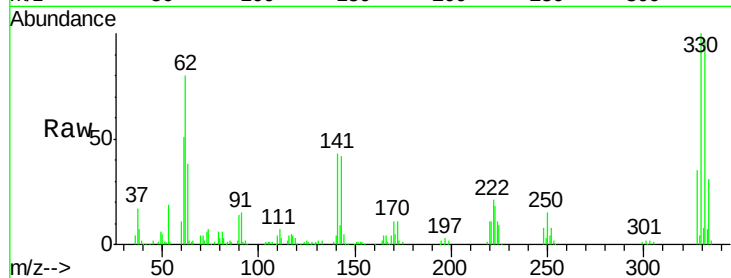
Tot Ion:330 Resp: 277858

Ion Ratio Lower Upper

330 100

332 97.0 79.0 118.4

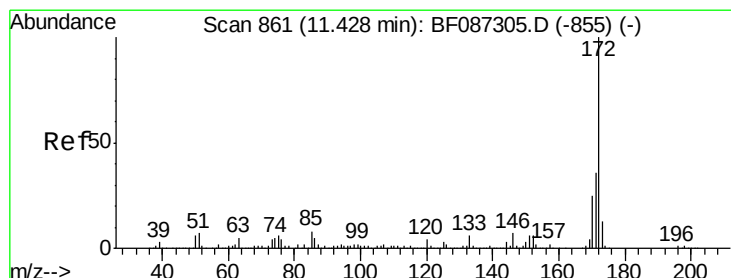
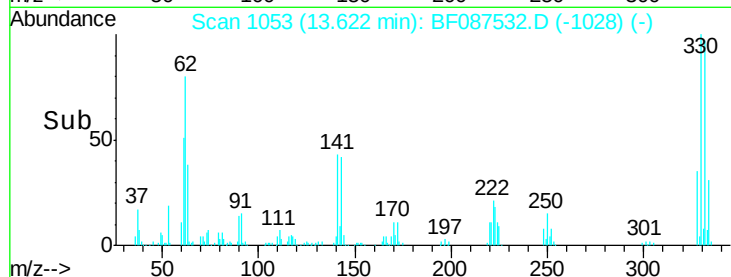
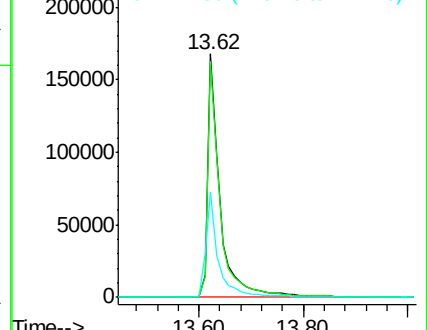
141 44.8 31.2 46.8



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: 99.80 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF087532.D

Acq: 30 May 2016 2:49

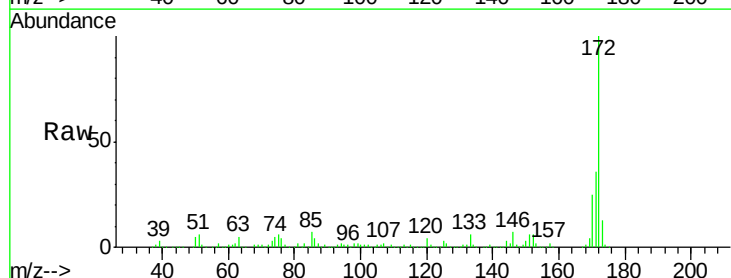
Tgt Ion:172 Resp: 1428573

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

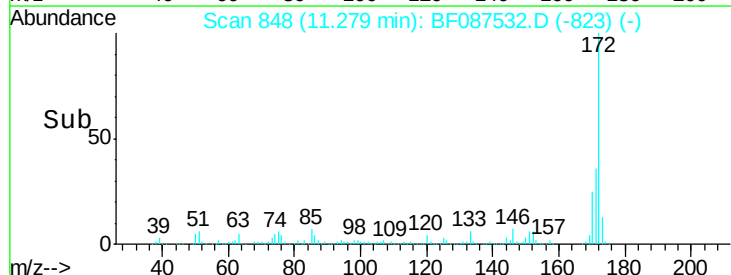
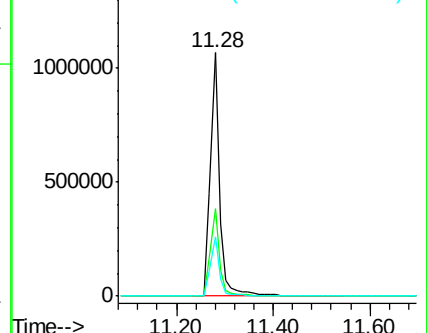
170 24.5 19.8 29.8

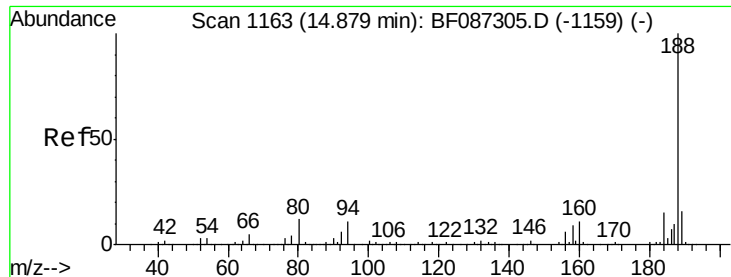


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

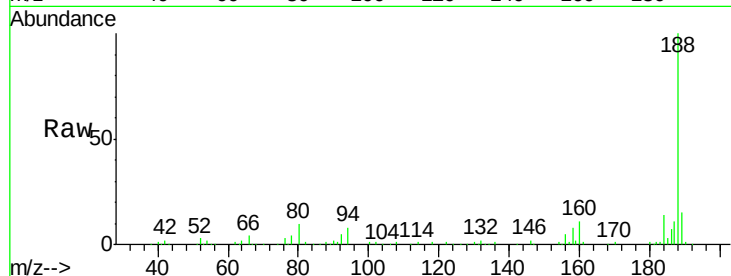




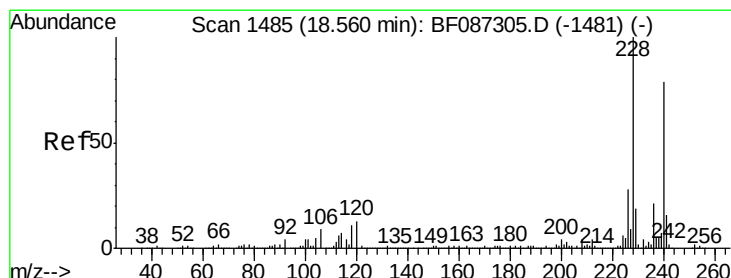
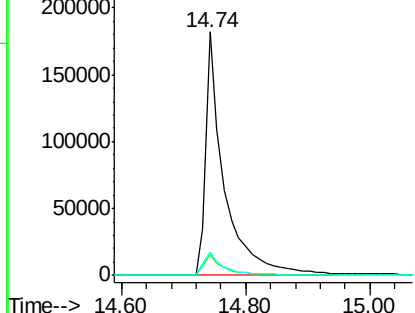
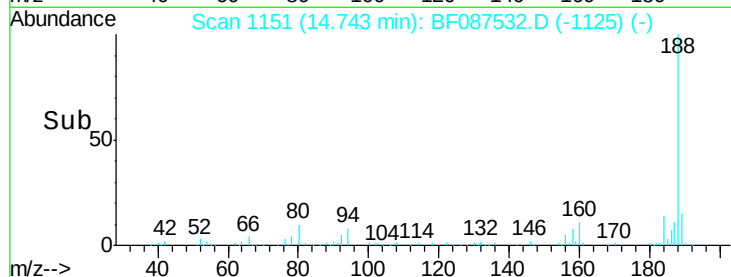
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF087532.D
Acq: 30 May 2016 2:49

Instrument :
BNA_F
ClientSampled :
MW-19

Tot Ion:188 Resp: 377976
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.6 7.1 10.7

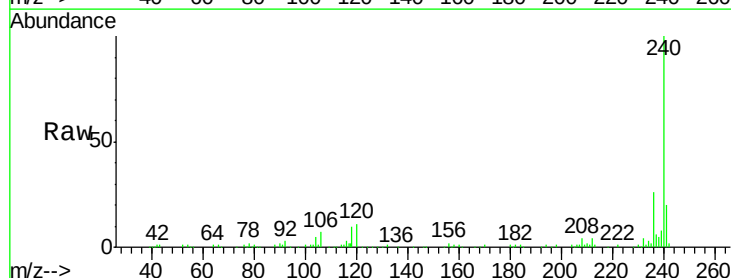


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

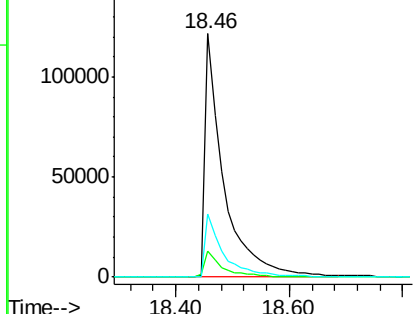
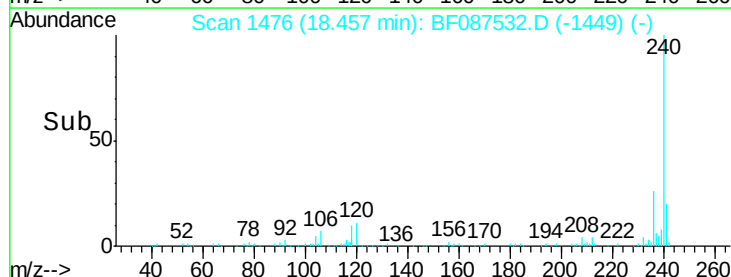


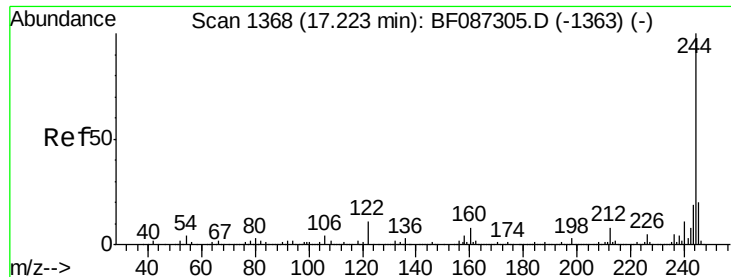
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 1476
Delta R.T. 0.01 min
Lab File: BF087532.D
Acq: 30 May 2016 2:49

Tgt Ion:240 Resp: 270935
Ion Ratio Lower Upper
240 100
120 10.7 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

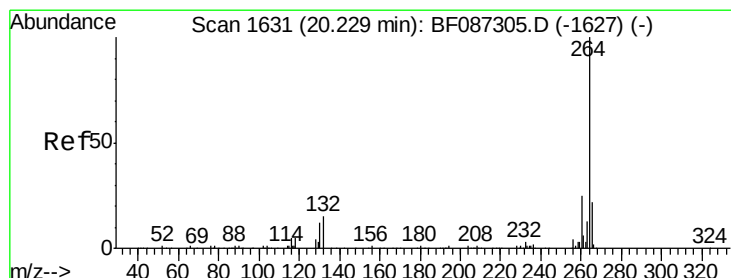
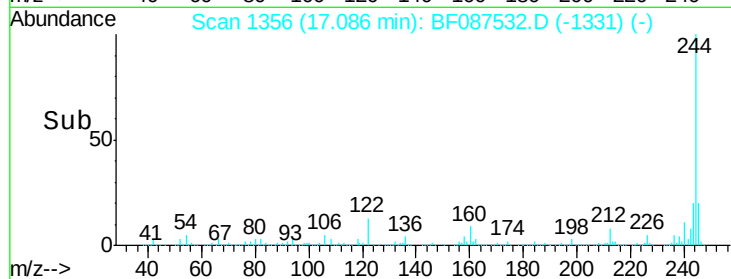
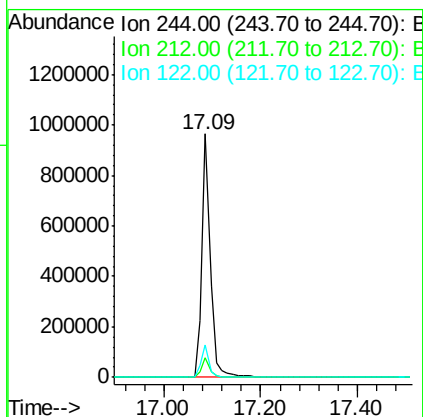
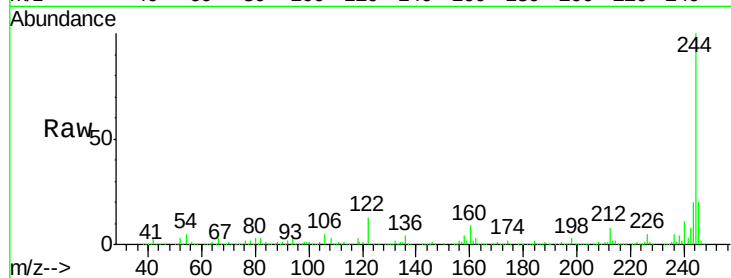




#78
 Terphenyl-d14
 Concen: 91.74 ng
 RT: 17.09 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF087532.D
 Acq: 30 May 2016 2:49

Instrument :
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 MW-19

Tot Ion:244 Resp: 1169085
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 13.4 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.15 min Scan# 1624
 Delta R.T. 0.02 min
 Lab File: BF087532.D
 Acq: 30 May 2016 2:49

Tgt Ion:264 Resp: 208776
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.6 17.3 25.9

