

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087492.D
 Acq On : 28 May 2016 22:20
 Operator : UM/SJ
 Sample : H3276-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Time: May 31 18:21:24 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 03:48:52 2016
 Response via : Initial Calibration

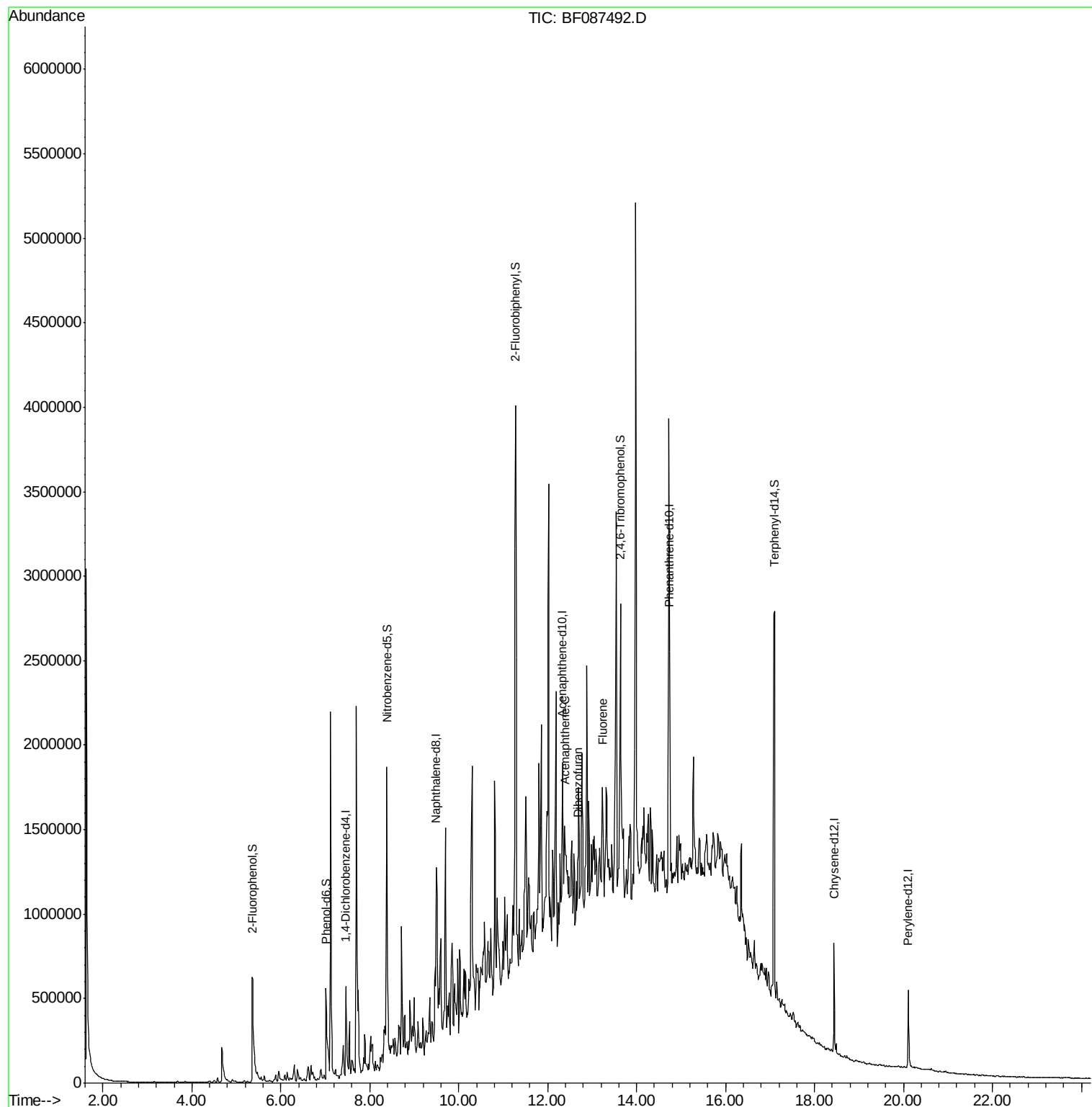
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	118485	20.00	ng	-0.01
21) Naphthalene-d8	9.50	136	466170	20.00	ng	-0.01
38) Acenaphthene-d10	12.33	164	210398	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	366415	20.00	ng	0.01
75) Chrysene-d12	18.43	240	277985	20.00	ng	0.00
86) Perylene-d12	20.10	264	234257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	414524	61.47	ng	0.01
7) Phenol-d6	7.02	99	375238	41.18	ng	-0.02
23) Nitrobenzene-d5	8.39	82	807174	87.27	ng	-0.01
41) 2,4,6-Tribromophenol	13.63	330	270274	133.68	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1273424	85.33	ng	-0.01
78) Terphenyl-d14	17.10	244	1131491	86.54	ng	0.01
Target Compounds						
51) Acenaphthene	12.39	154	53626	4.07	ng	Qvalue 96
54) Dibenzofuran	12.67	168	63419	3.55	ng	# 70
57) Fluorene	13.23	166	90067	5.82	ng	# 89

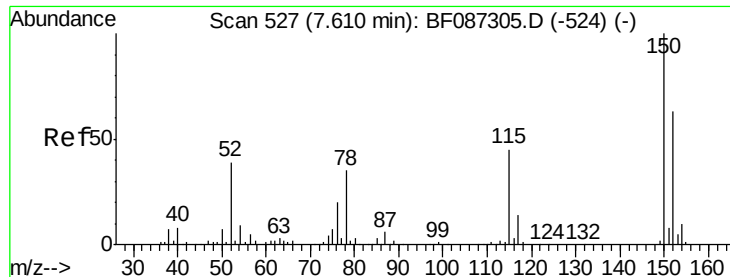
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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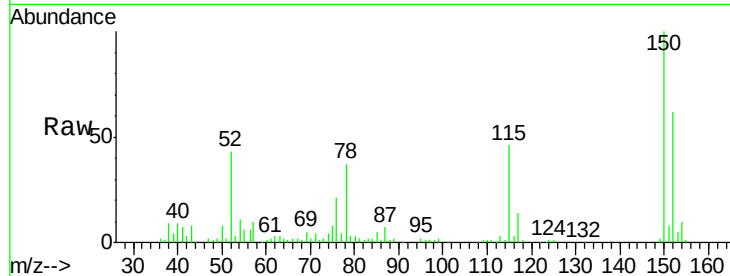


#1

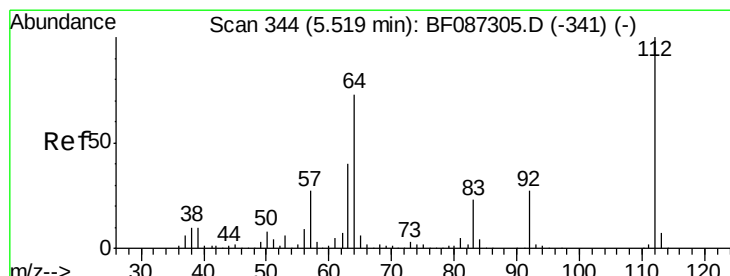
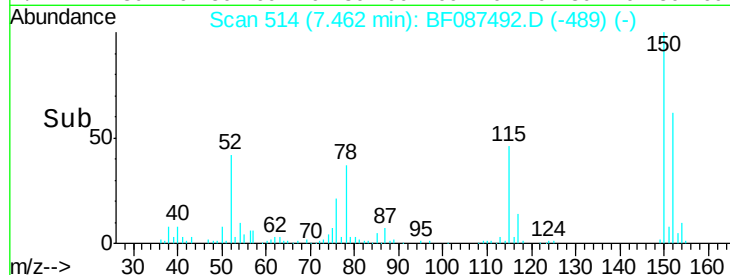
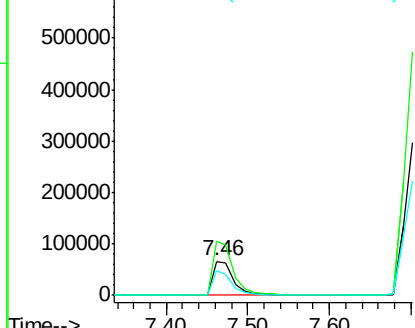
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF087492.D
Acq: 28 May 2016 22:20

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:152 Resp: 118485
Ion Ratio Lower Upper
152 100
150 161.0 125.8 188.6
115 74.7 51.5 77.3



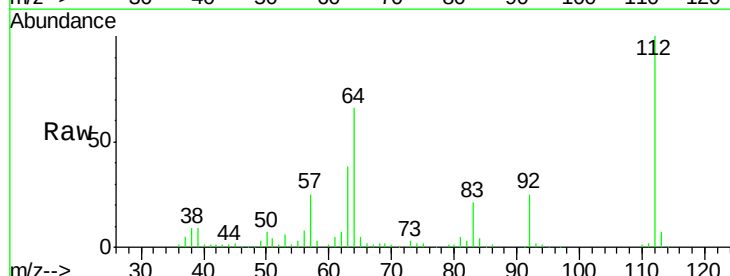
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



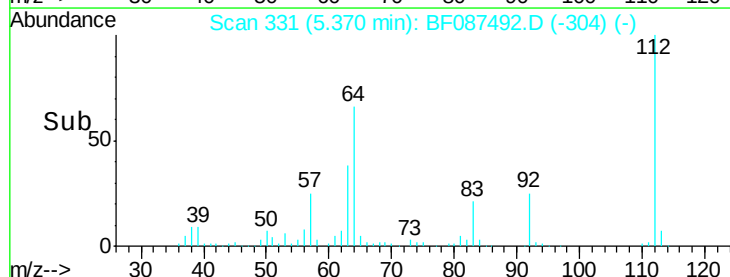
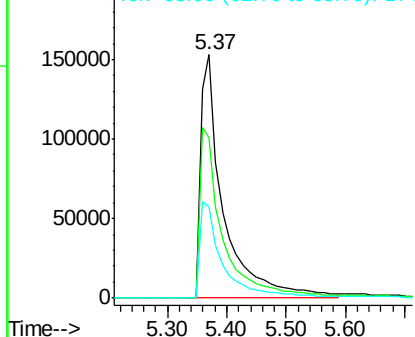
#5

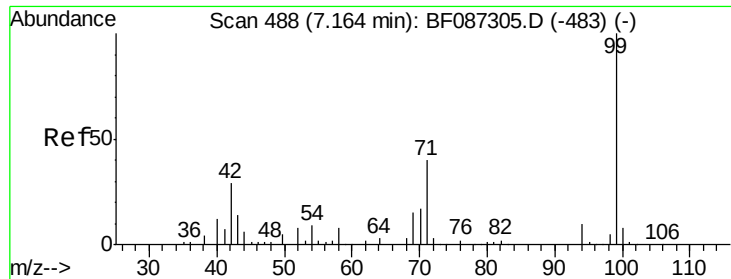
2-Fluorophenol
Concen: 61.47 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.01 min
Lab File: BF087492.D
Acq: 28 May 2016 22:20

Tgt Ion:112 Resp: 414524
Ion Ratio Lower Upper
112 100
64 66.0 52.1 78.1
63 37.7 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: 41.18 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF087492.D

Acq: 28 May 2016 22:20

Instrument :

BNA_F

ClientSampleId :

MW-03

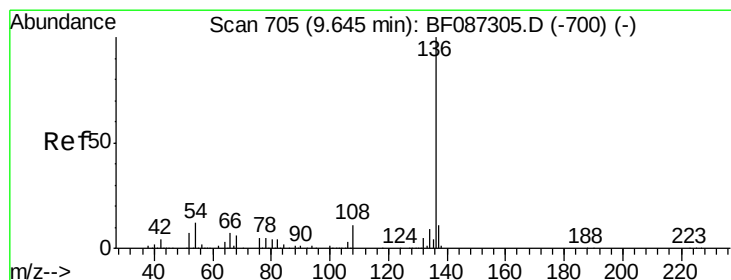
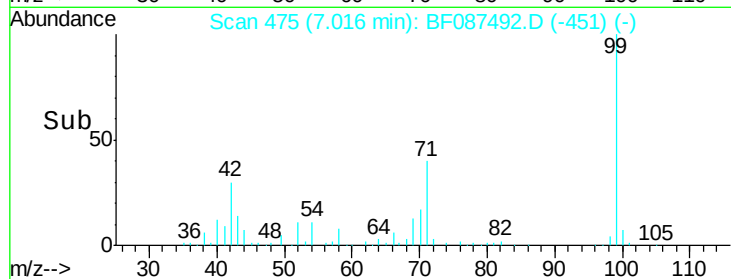
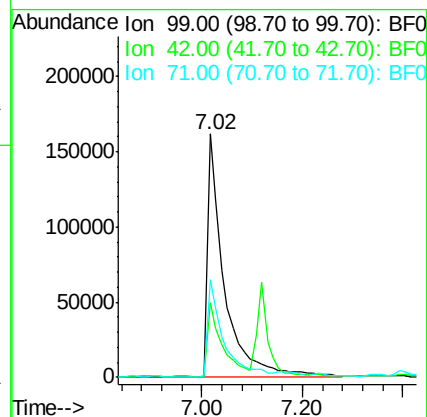
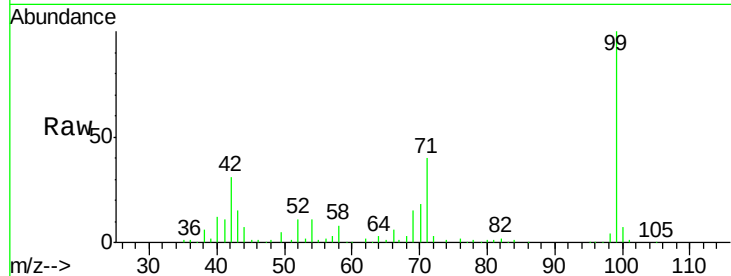
Tgt Ion: 99 Resp: 375238

Ion Ratio Lower Upper

99 100

42 30.6 13.6 20.4#

71 40.4 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF087492.D

Acq: 28 May 2016 22:20

Tgt Ion: 136 Resp: 466170

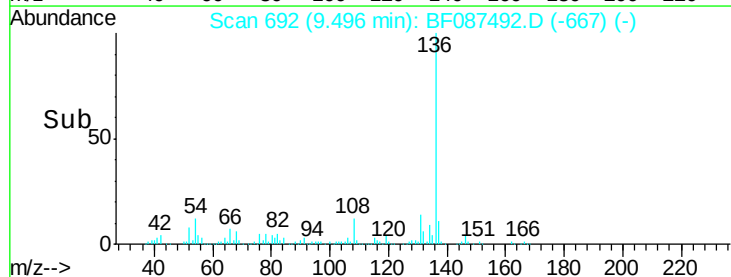
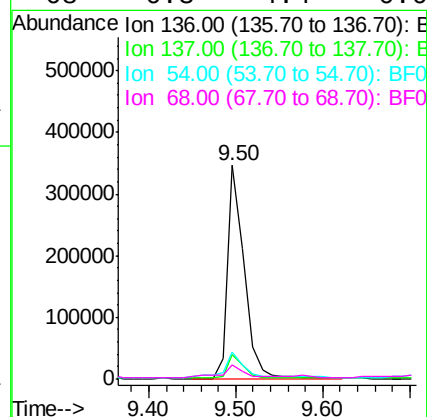
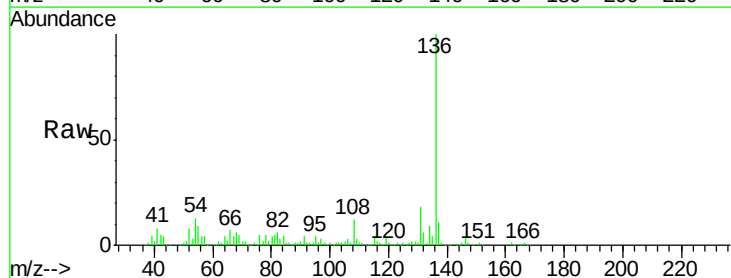
Ion Ratio Lower Upper

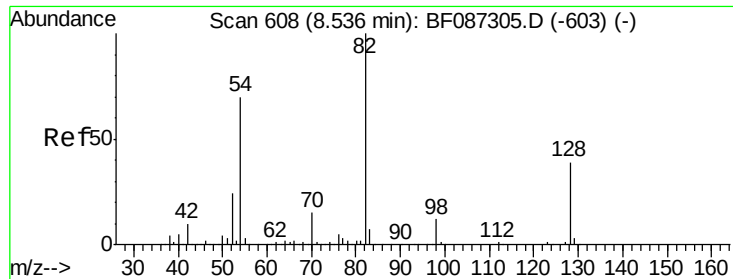
136 100

137 11.4 8.8 13.2

54 12.6 5.0 7.4#

68 6.3 4.4 6.6

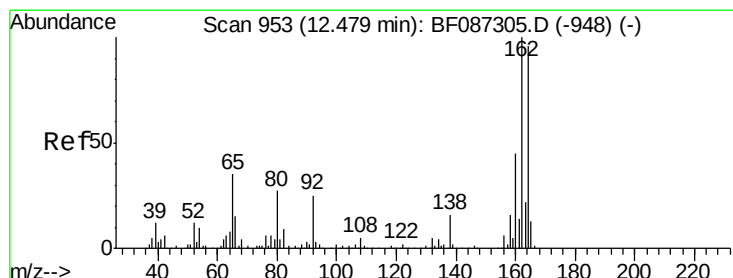
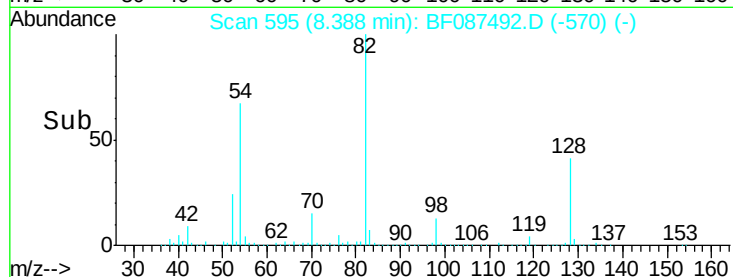
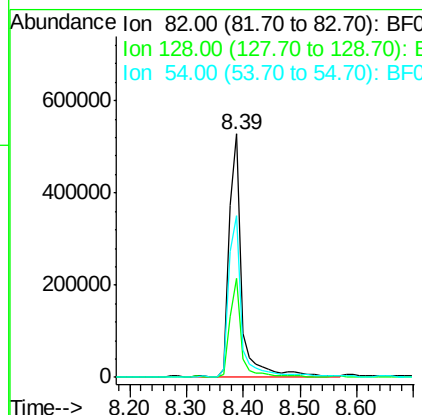
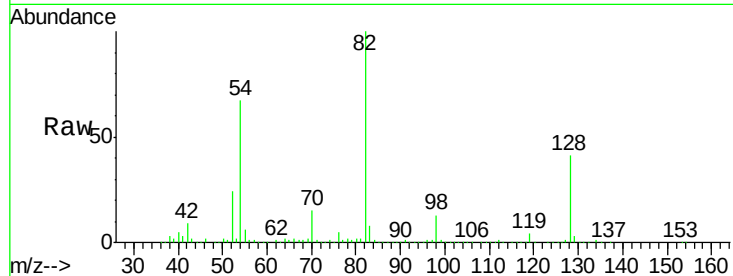




#23
 Nitrobenzene-d5
 Concen: 87.27 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF087492.D
 Acq: 28 May 2016 22:20

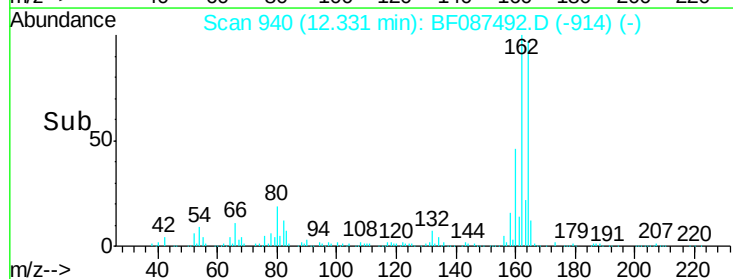
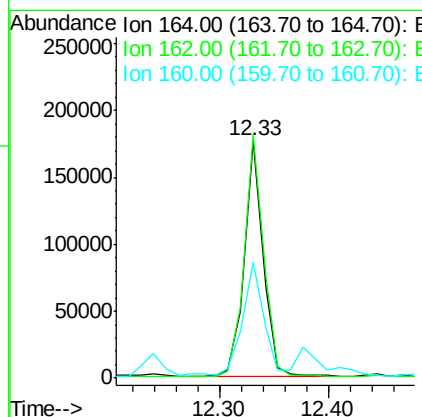
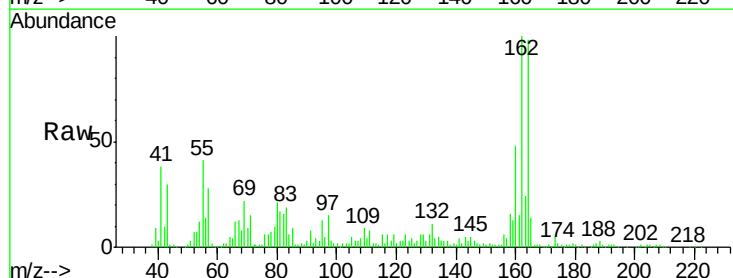
Instrument :
 BNA_F
 ClientSampleId :
 MW-03

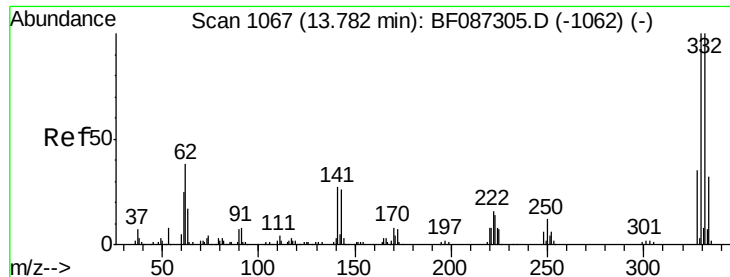
Tgt Ion: 82 Resp: 807174
 Ion Ratio Lower Upper
 82 100
 128 40.7 40.6 61.0
 54 66.6 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF087492.D
 Acq: 28 May 2016 22:20

Tgt Ion: 164 Resp: 210398
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.8 124.2
 160 48.9 36.9 55.3

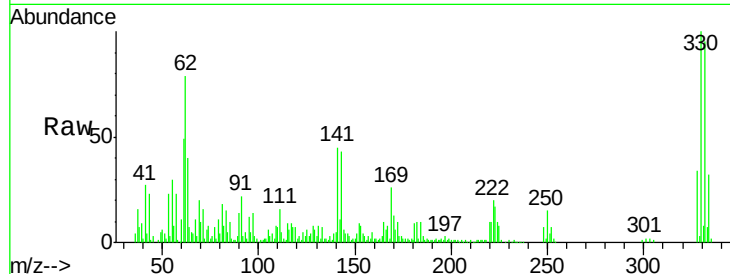




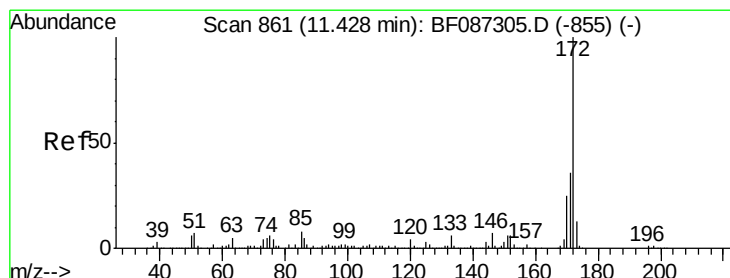
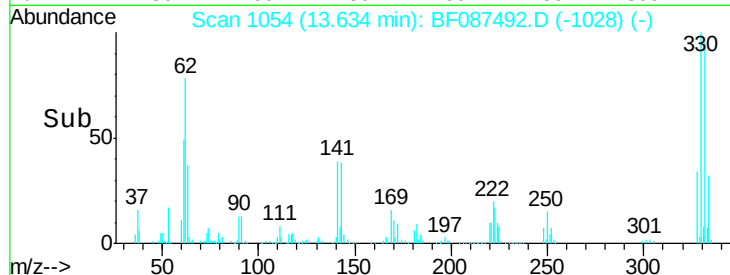
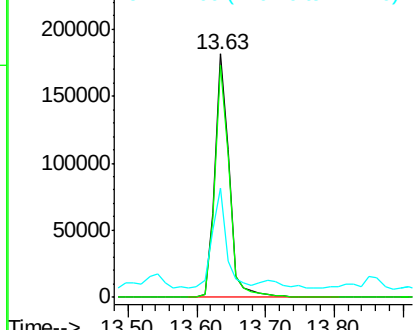
#41
 2,4,6-Tribromophenol
 Concen: 133.68 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF087492.D
 Acq: 28 May 2016 22:20

Instrument :
 BNA_F
 ClientSampled :
 MW-03

Tgt Ion:330 Resp: 270274
 Ion Ratio Lower Upper
 330 100
 332 95.3 79.0 118.4
 141 40.3 31.2 46.8

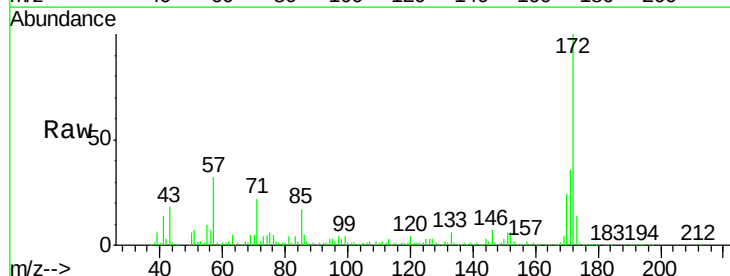


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

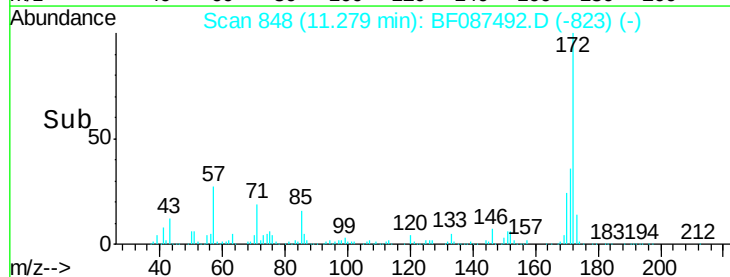
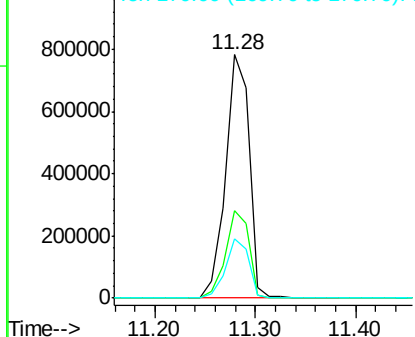


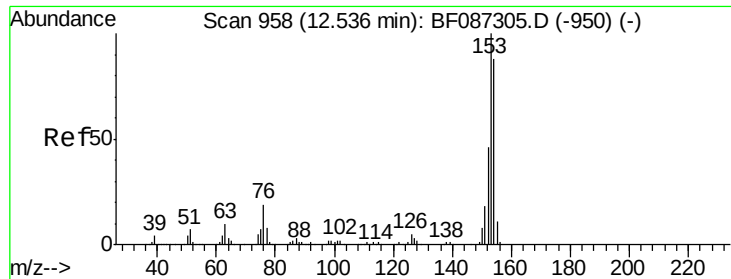
#44
 2-Fluorobiphenyl
 Concen: 85.33 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087492.D
 Acq: 28 May 2016 22:20

Tgt Ion:172 Resp: 1273424
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.3 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





#51

Acenaphthene

Concen: 4.07 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF087492.D

Acq: 28 May 2016 22:20

Instrument :

BNA_F

ClientSampleId :

MW-03

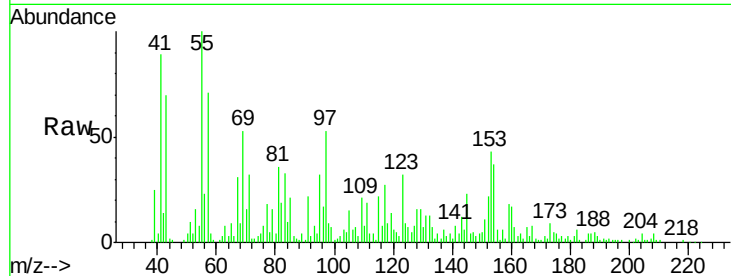
Tgt Ion:154 Resp: 53626

Ion Ratio Lower Upper

154 100

153 115.9 89.8 134.6

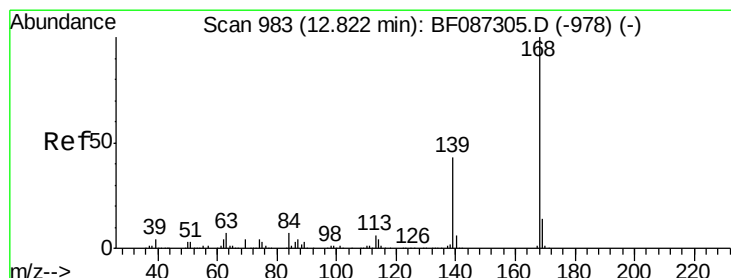
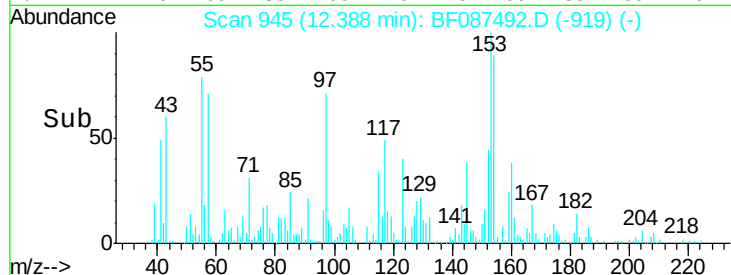
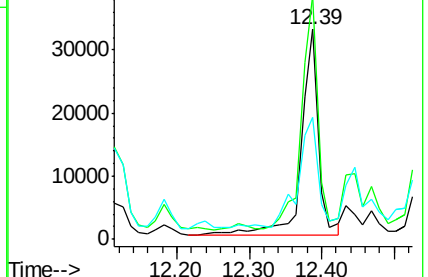
152 58.0 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 3.55 ng

RT: 12.67 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF087492.D

Acq: 28 May 2016 22:20

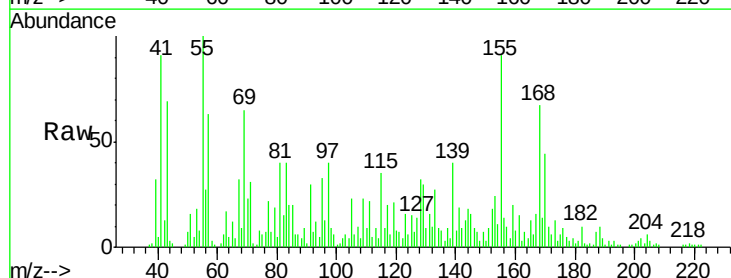
Tgt Ion:168 Resp: 63419

Ion Ratio Lower Upper

168 100

139 59.5 31.4 47.0#

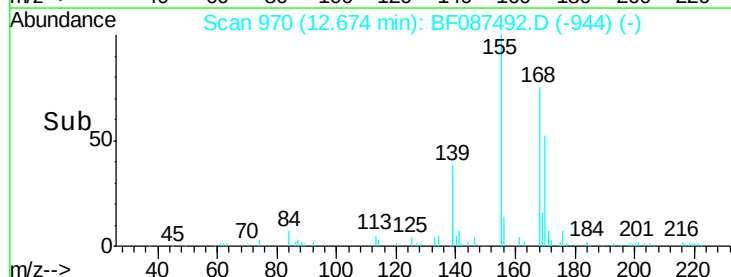
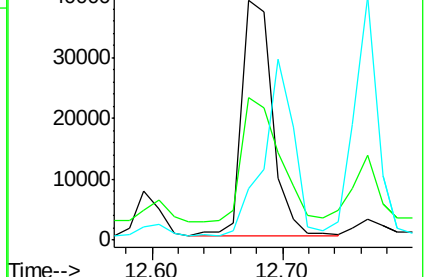
169 21.6 10.7 16.1#

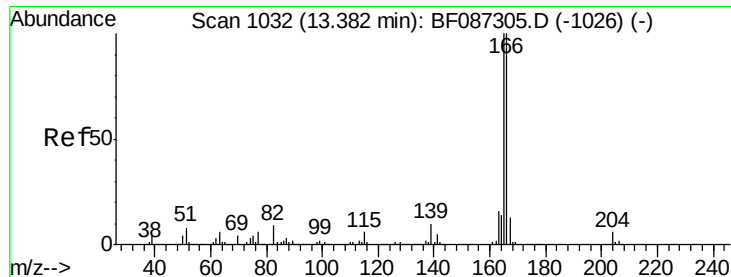


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 5.82 ng

RT: 13.23 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF087492.D

Acq: 28 May 2016 22:20

Instrument :

BNA_F

ClientSampleId :

MW-03

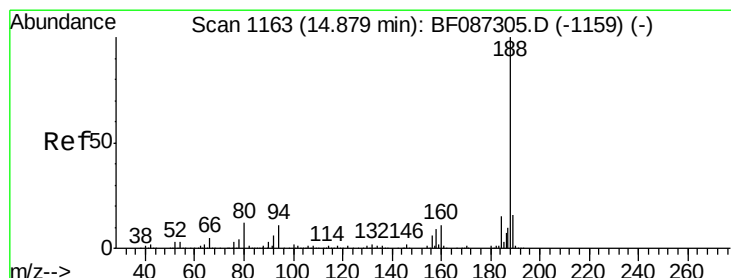
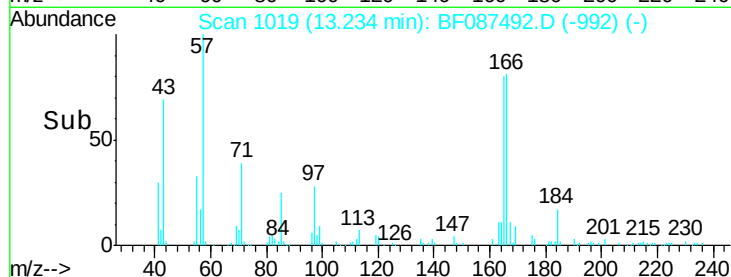
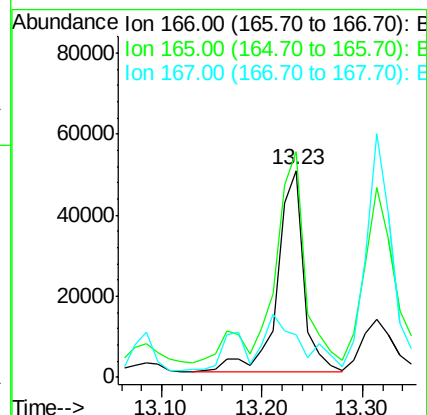
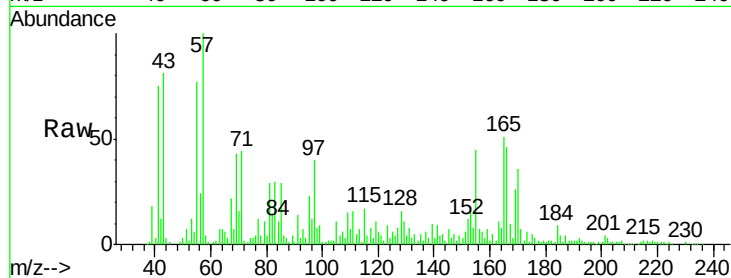
Tgt Ion:166 Resp: 90067

Ion Ratio Lower Upper

166 100

165 109.2 79.0 118.6

167 20.7 10.6 15.8#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.01 min

Lab File: BF087492.D

Acq: 28 May 2016 22:20

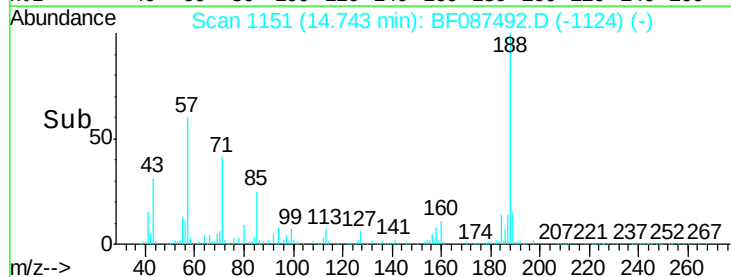
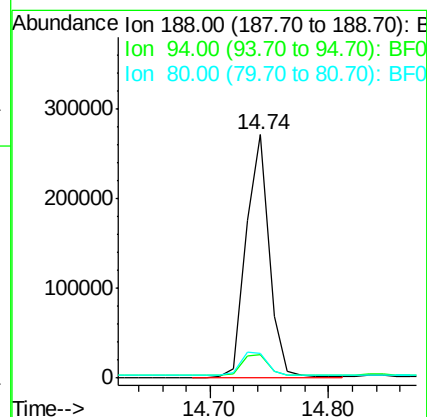
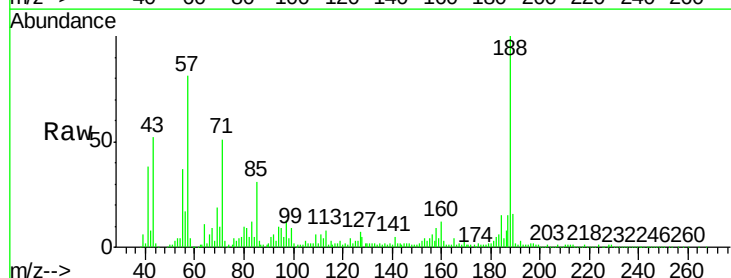
Tgt Ion:188 Resp: 366415

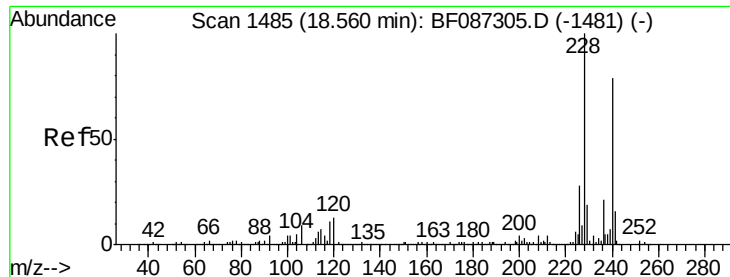
Ion Ratio Lower Upper

188 100

94 9.6 6.8 10.2

80 10.2 7.1 10.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.43 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BF087492.D

Acq: 28 May 2016 22:20

Instrument :

BNA_F

ClientSampleId :

MW-03

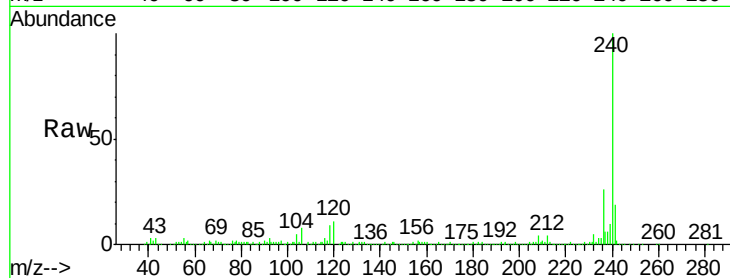
Tgt Ion:240 Resp: 277985

Ion Ratio Lower Upper

240 100

120 10.9 11.2 16.8#

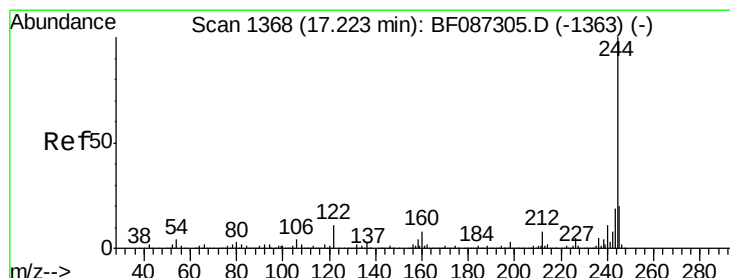
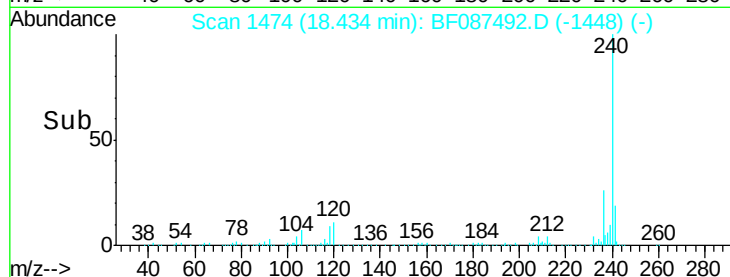
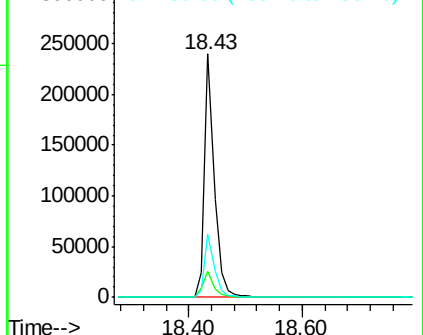
236 25.9 21.2 31.8



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: 86.54 ng

RT: 17.10 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF087492.D

Acq: 28 May 2016 22:20

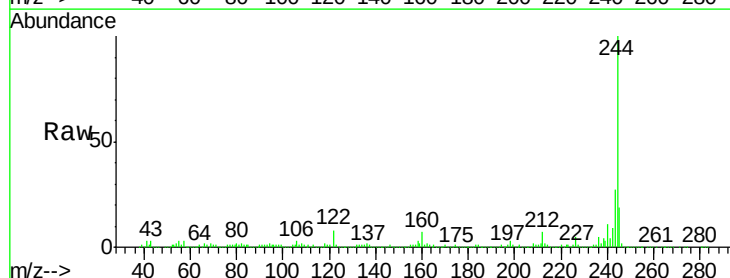
Tgt Ion:244 Resp: 1131491

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

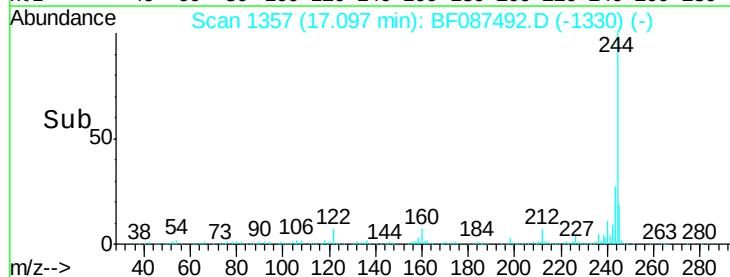
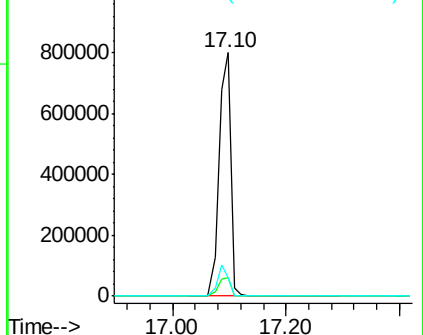
122 7.5 12.0 18.0#

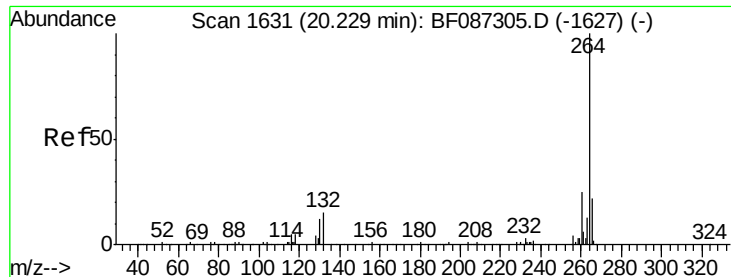


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.10 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BF087492.D
Acq: 28 May 2016 22:20

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	20.9	17.3	25.9

