

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087547.D
 Acq On : 30 May 2016 13:03
 Operator : UM/SJ
 Sample : H3317-01
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: May 31 00:39:32 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

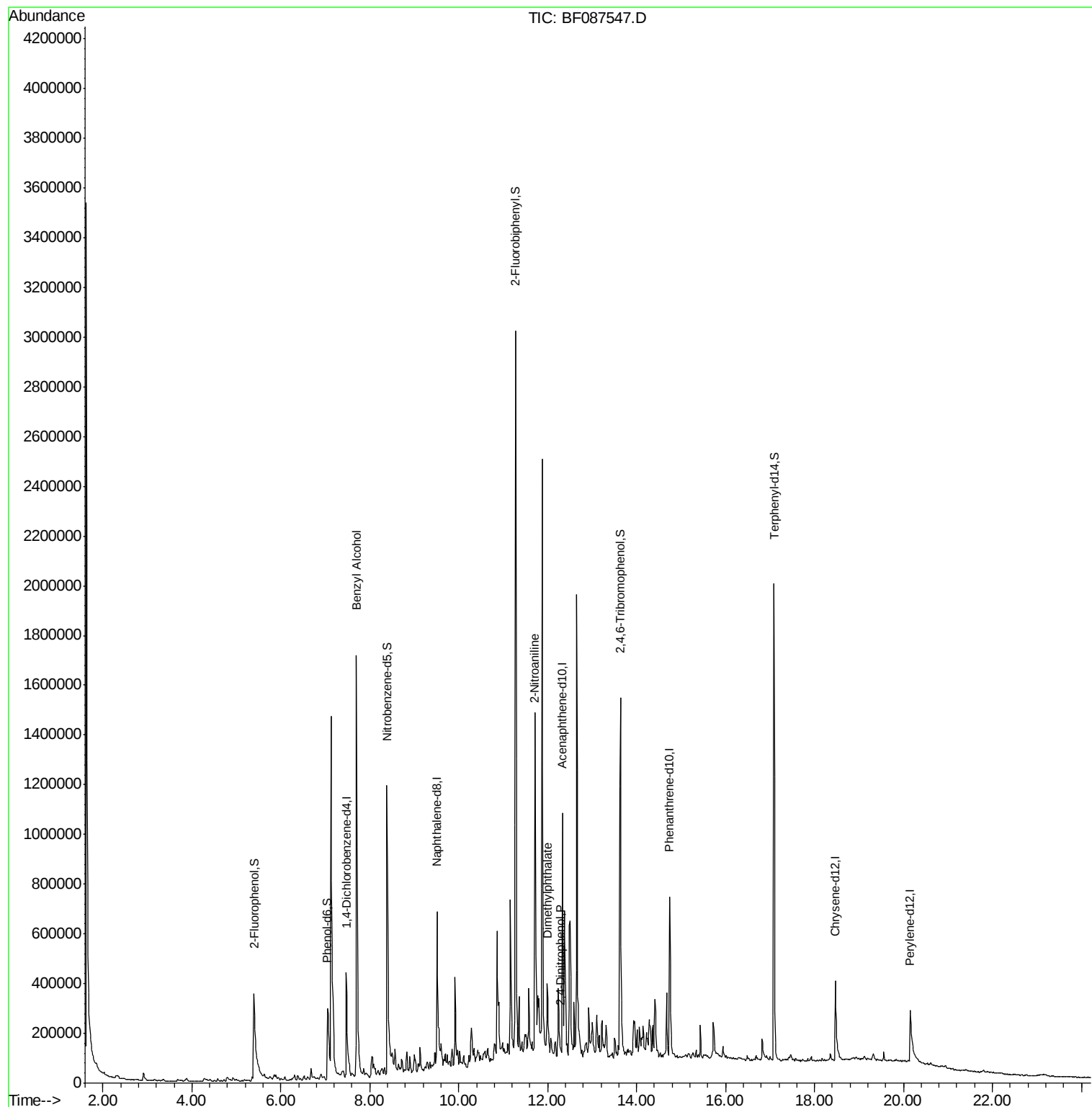
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	120575	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	462440	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	202687	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	374222	20.00	ng	-0.03
75) Chrysene-d12	18.47	240	236537	20.00	ng	-0.01
86) Perylene-d12	20.15	264	220792	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	305236	44.48	ng	-0.02
7) Phenol-d6	7.05	99	270648	29.19	ng	-0.02
23) Nitrobenzene-d5	8.39	82	698440	76.12	ng	-0.06
41) 2,4,6-Tribromophenol	13.63	330	233569	119.92	ng	-0.05
44) 2-Fluorobiphenyl	11.28	172	1093615	76.07	ng	-0.06
78) Terphenyl-d14	17.09	244	749317	67.35	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	7.70	79	16418	2.43	ng	# 46
47) 2-Nitroaniline	11.71	65	46249	9.83	ng	# 16
49) Dimethylphthalate	11.99	163	74521	4.59	ng	98
53) 2,4-Dinitrophenol	12.30	184	4196	8.85	ng	# 40

(#) = 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. -0.05 min

Lab File: BF087547.D

Acq: 30 May 2016 13:03

Instrument :

BNA_F

ClientSampleId :

MW-01

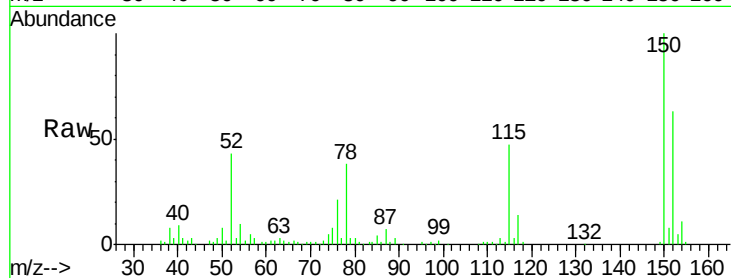
Tgt Ion:152 Resp: 120575

Ion Ratio Lower Upper

152 100

150 158.0 125.8 188.6

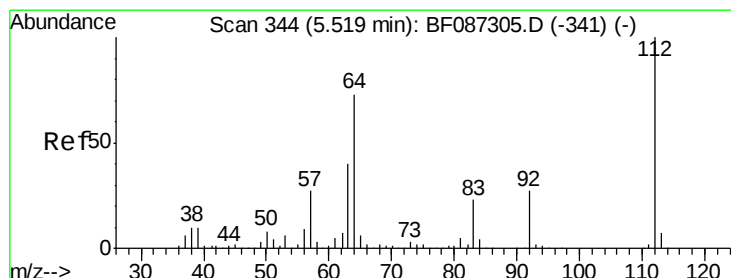
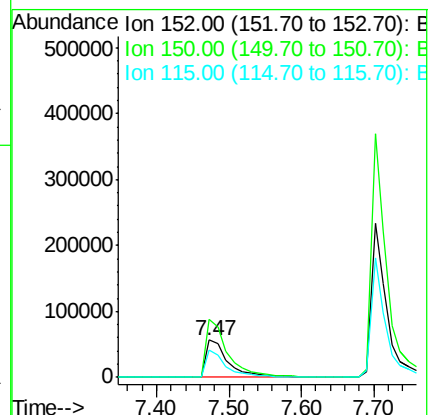
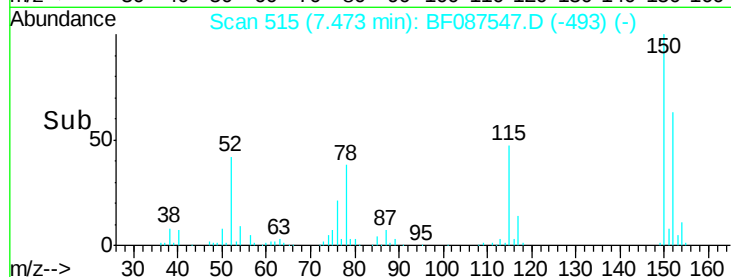
115 74.1 51.5 77.3



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: 44.48 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.02 min

Lab File: BF087547.D

Acq: 30 May 2016 13:03

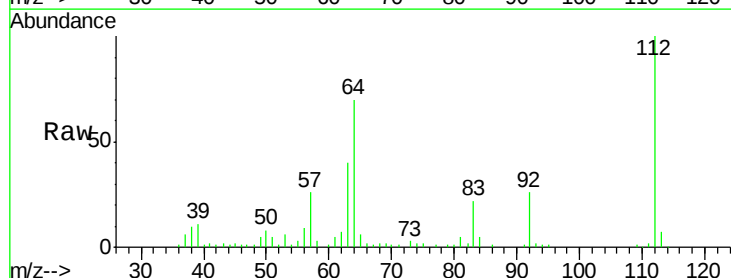
Tgt Ion:112 Resp: 305236

Ion Ratio Lower Upper

112 100

64 70.2 52.1 78.1

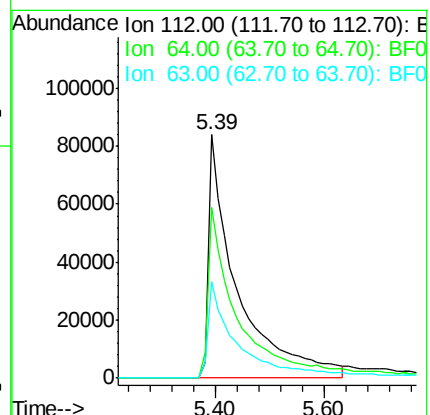
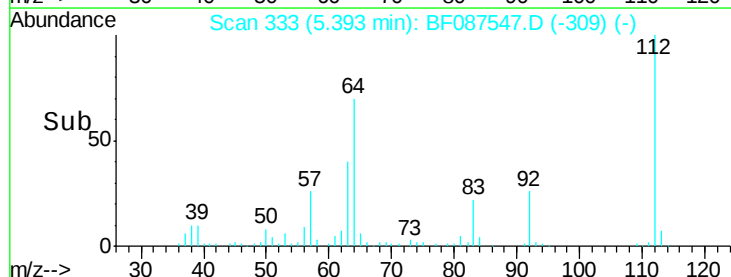
63 39.5 25.7 38.5

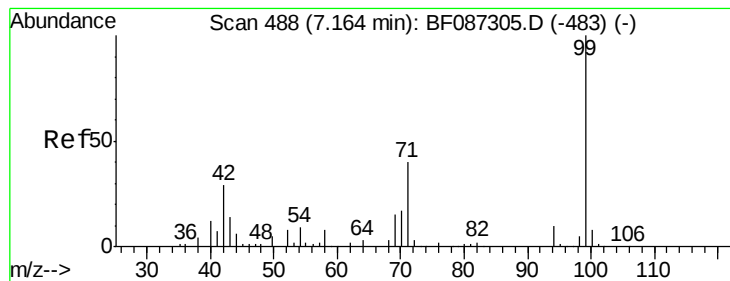


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.19 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF087547.D

Acq: 30 May 2016 13:03

Instrument :

BNA_F

ClientSampled :

MW-01

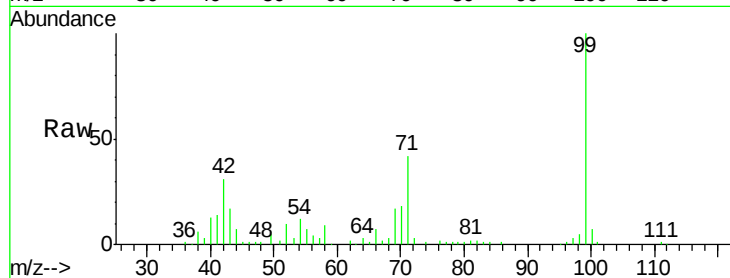
Tgt Ion: 99 Resp: 270648

Ion Ratio Lower Upper

99 100

42 31.2 13.6 20.4#

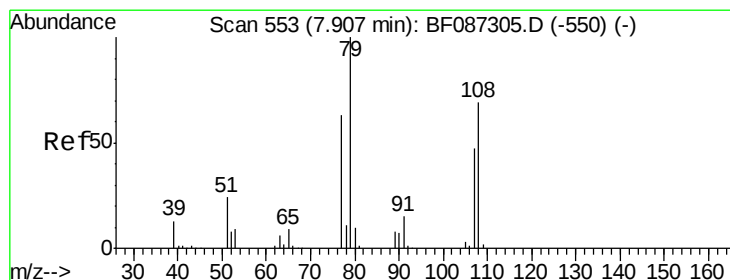
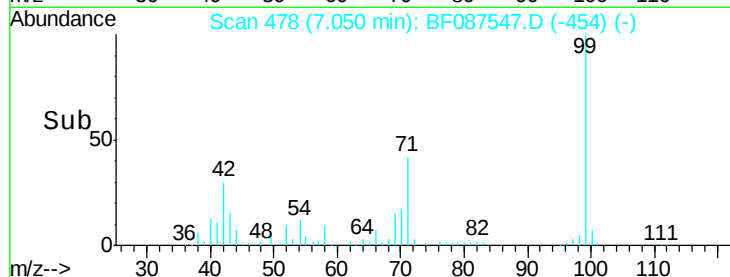
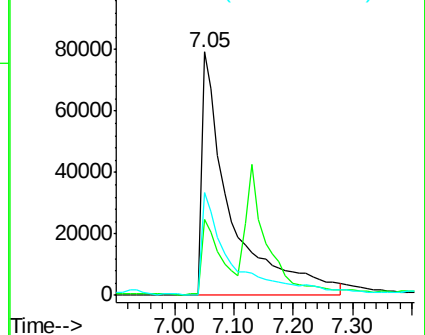
71 42.1 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.43 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.11 min

Lab File: BF087547.D

Acq: 30 May 2016 13:03

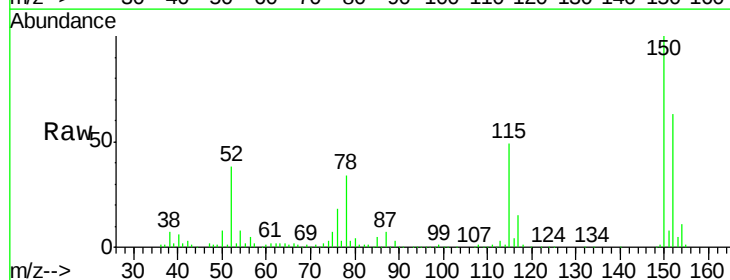
Tgt Ion: 79 Resp: 16418

Ion Ratio Lower Upper

79 100

108 28.4 68.4 102.6#

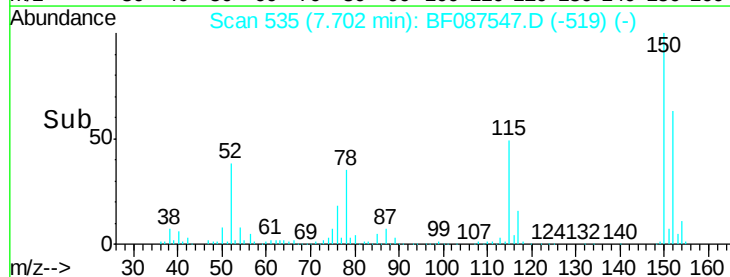
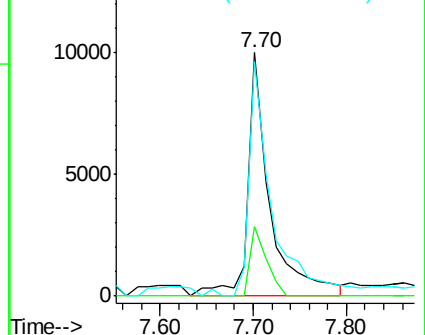
77 96.3 50.6 76.0#

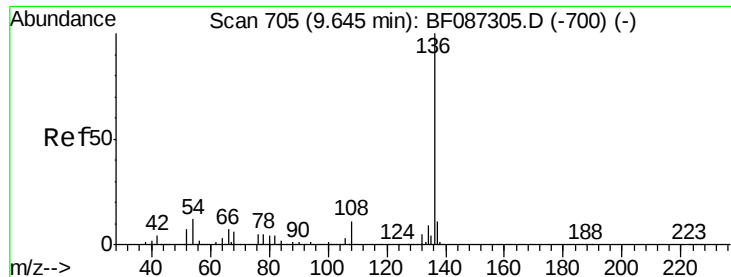


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

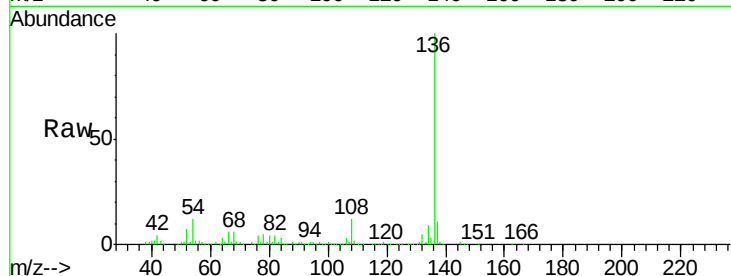




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF087547.D
Acq: 30 May 2016 13:03

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.5	5.0	7.4#
68	5.7	4.4	6.6



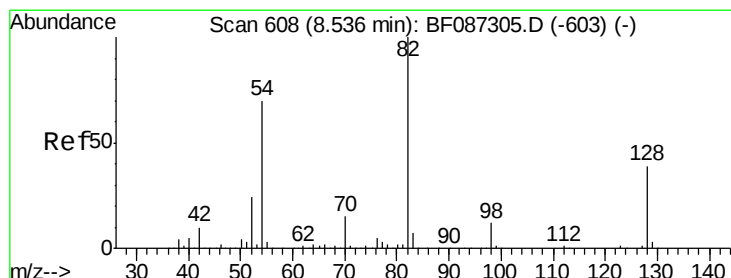
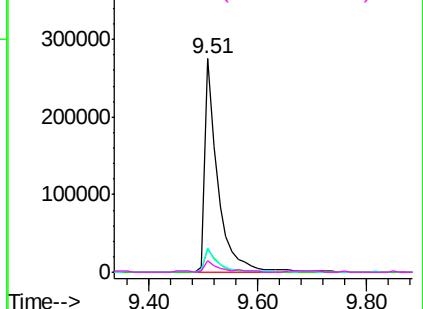
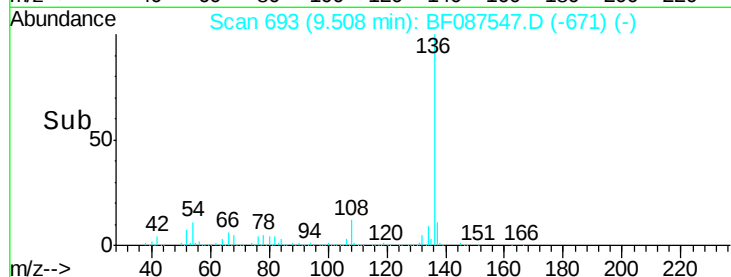
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

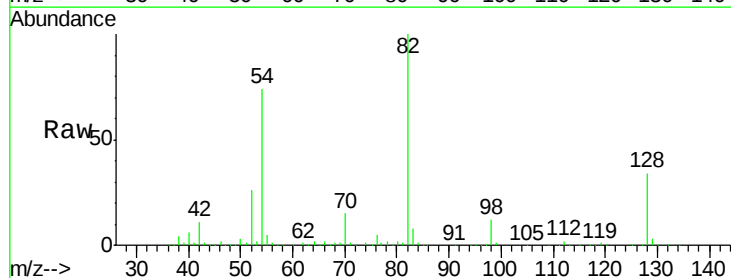
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23
Nitrobenzene-d5
Concen: 76.12 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.06 min
Lab File: BF087547.D
Acq: 30 May 2016 13:03

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.7	40.6	61.0#
54	73.6	38.1	57.1#

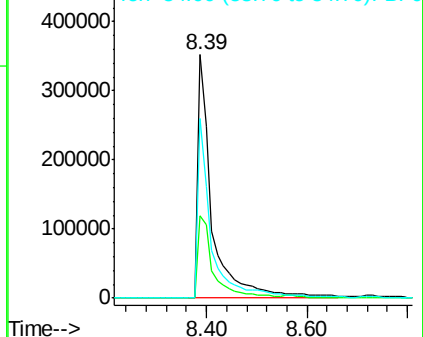
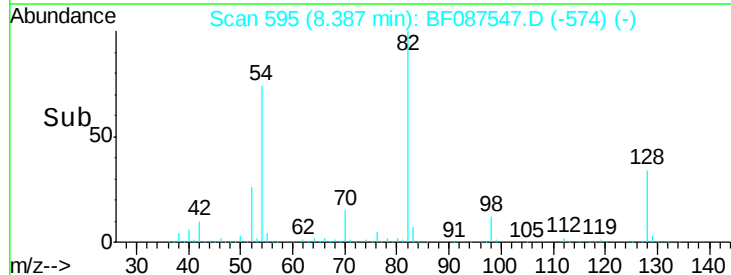


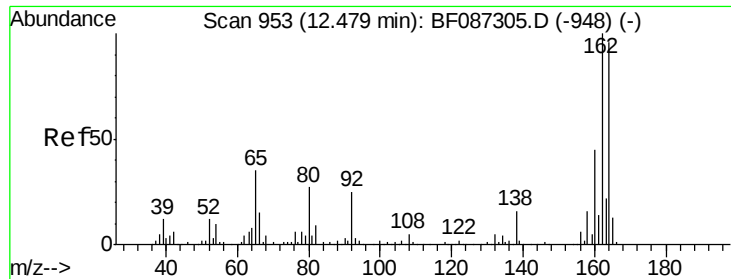
Abundance

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. -0.06 min

Lab File: BF087547.D

Acq: 30 May 2016 13:03

Instrument :

BNA_F

ClientSampled :

MW-01

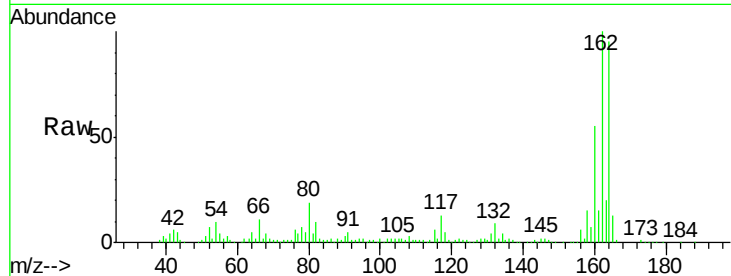
Tgt Ion:164 Resp: 202687

Ion Ratio Lower Upper

164 100

162 104.9 82.8 124.2

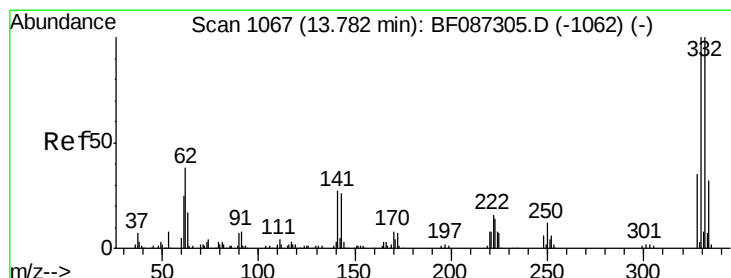
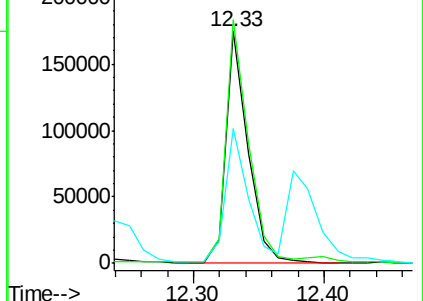
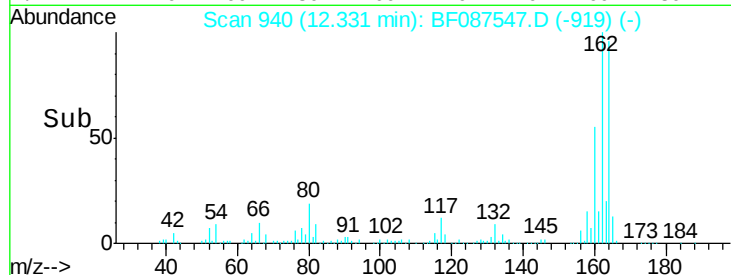
160 57.9 36.9 55.3#



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: 119.92 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.05 min

Lab File: BF087547.D

Acq: 30 May 2016 13:03

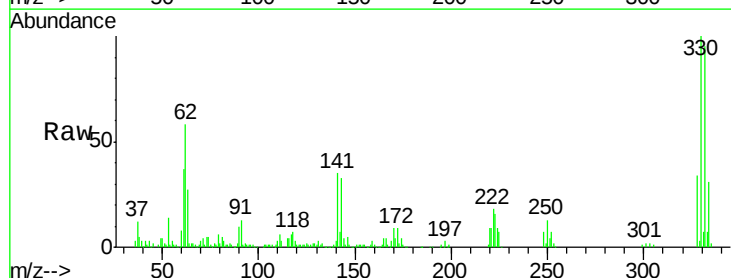
Tgt Ion:330 Resp: 233569

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.4

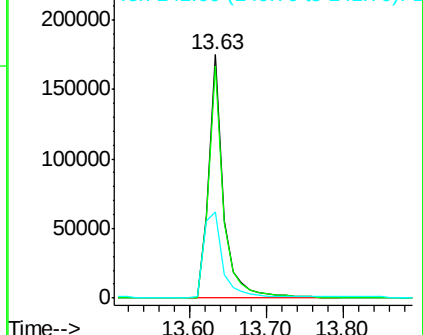
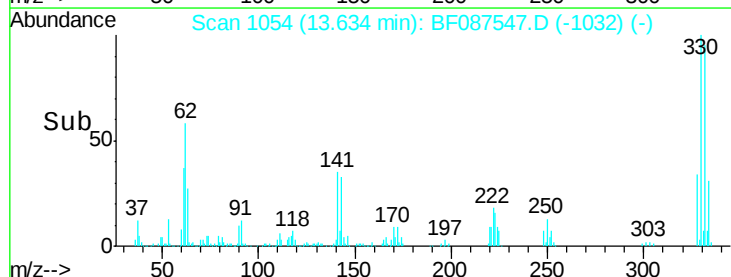
141 45.4 31.2 46.8

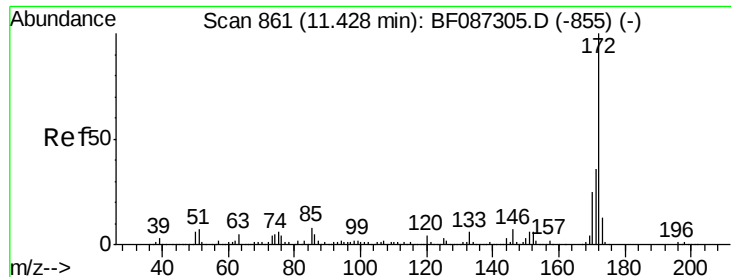


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 76.07 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.06 min

Lab File: BF087547.D

Acq: 30 May 2016 13:03

Instrument :

BNA_F

ClientSampleId :

MW-01

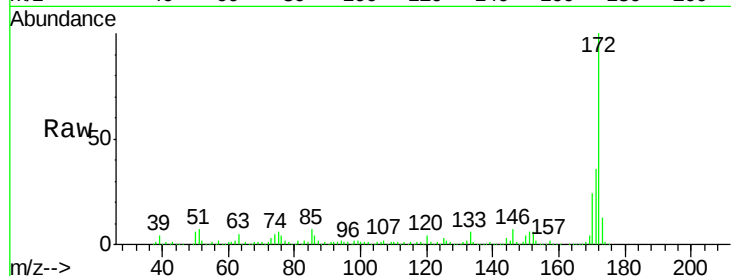
Tgt Ion:172 Resp: 1093615

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

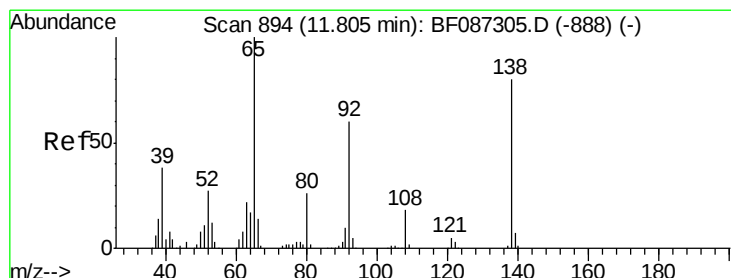
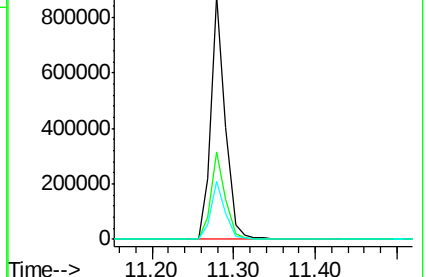
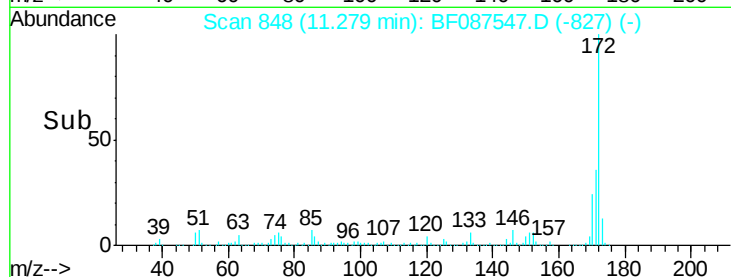
170 24.0 19.8 29.8



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



#47

2-Nitroaniline

Concen: 9.83 ng

RT: 11.71 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF087547.D

Acq: 30 May 2016 13:03

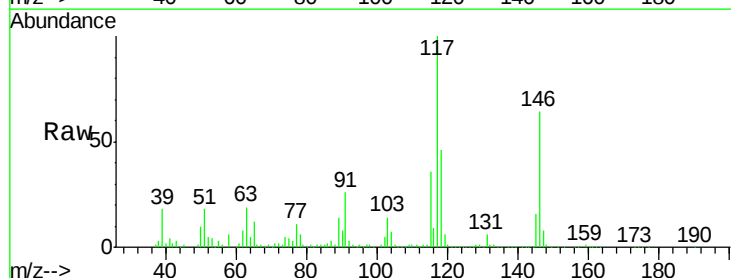
Tgt Ion: 65 Resp: 46249

Ion Ratio Lower Upper

65 100

92 27.7 57.4 86.2#

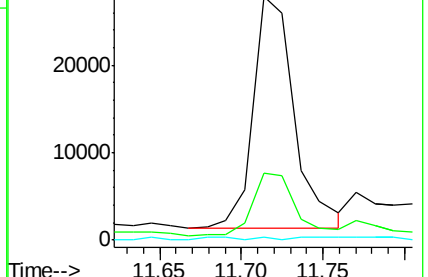
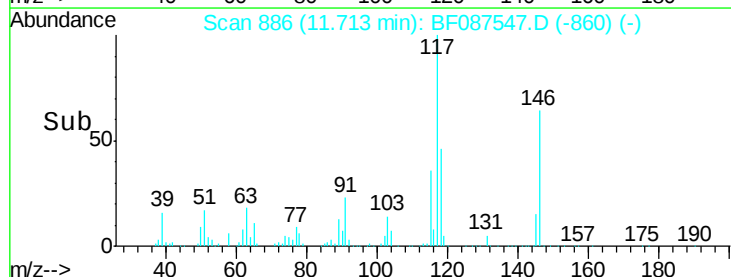
138 1.3 90.1 135.1#

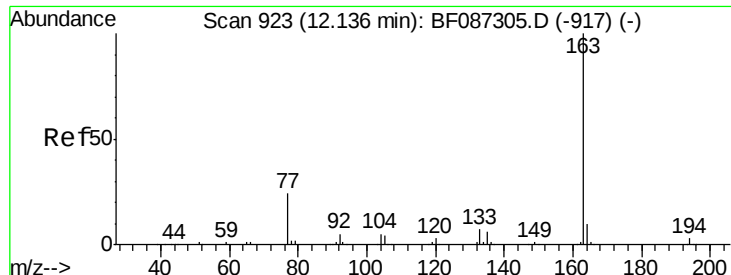


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

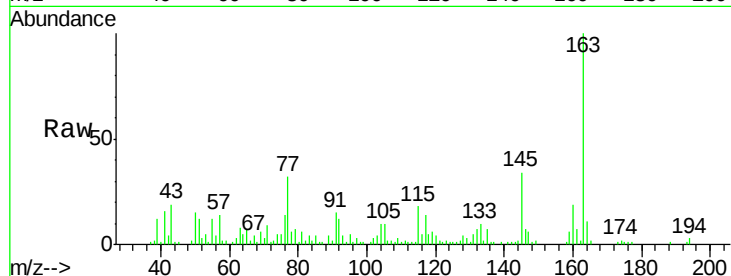




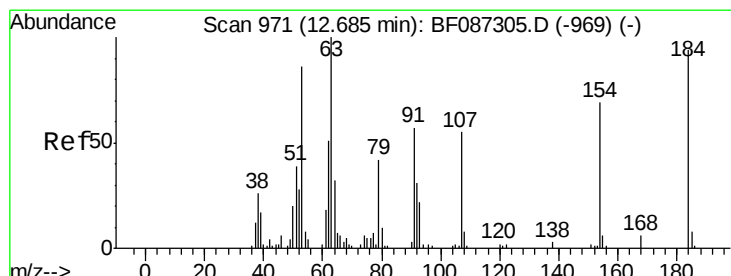
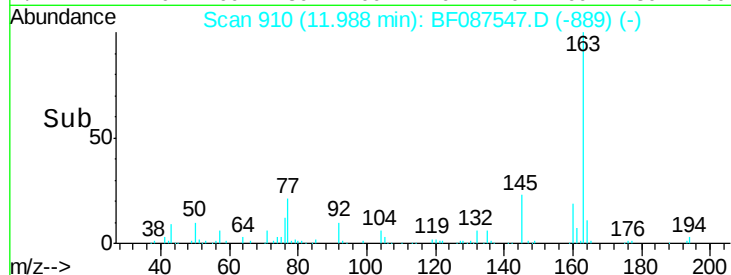
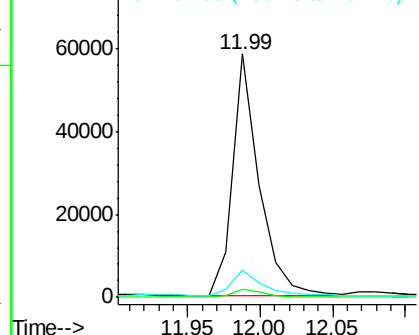
#49
Dimethylphthalate
Concen: 4.59 ng
RT: 11.99 min Scan# 910
Delta R.T. -0.06 min
Lab File: BF087547.D
Acq: 30 May 2016 13:03

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:163 Resp: 74521
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 11.2 8.2 12.4

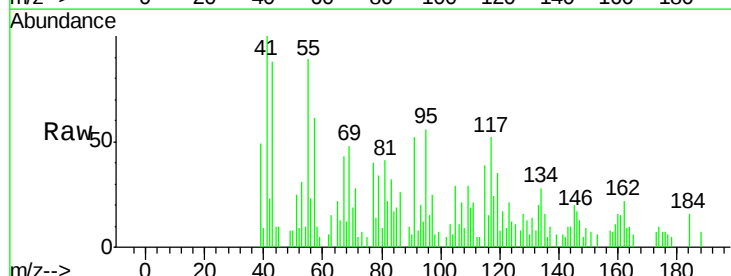


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

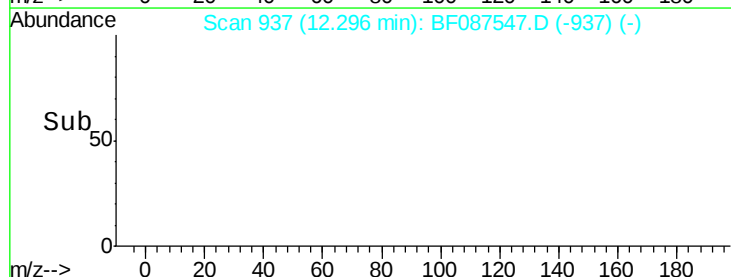
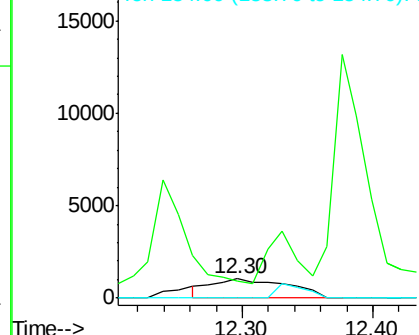


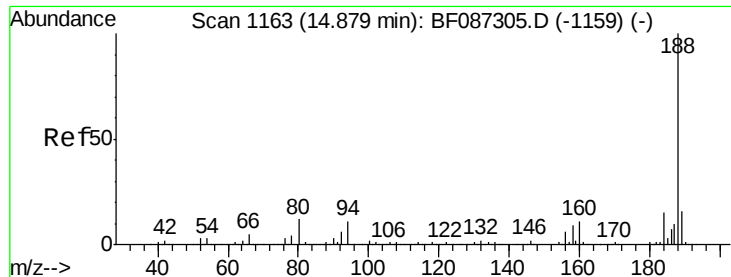
#53
2,4-Dinitrophenol
Concen: 8.85 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.30 min
Lab File: BF087547.D
Acq: 30 May 2016 13:03

Tgt Ion:184 Resp: 4196
Ion Ratio Lower Upper
184 100
63 91.6 55.8 83.8#
154 0.0 62.4 93.6#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

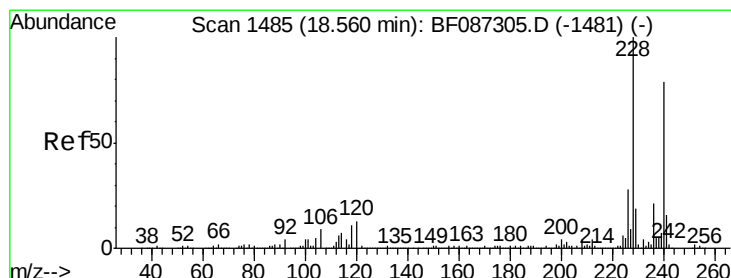
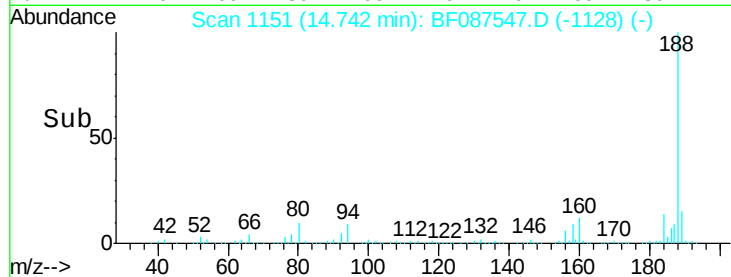
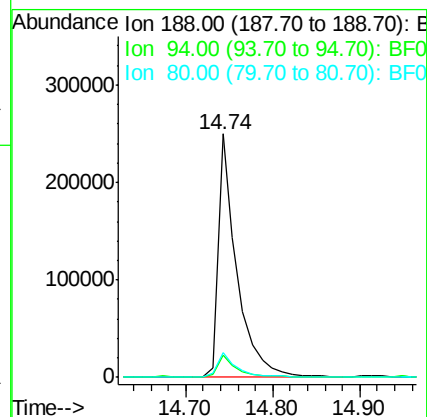
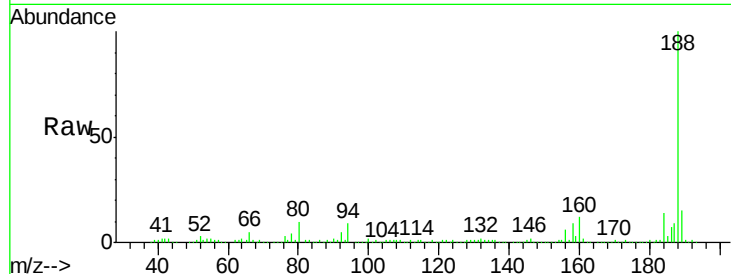




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087547.D
Acq: 30 May 2016 13:03

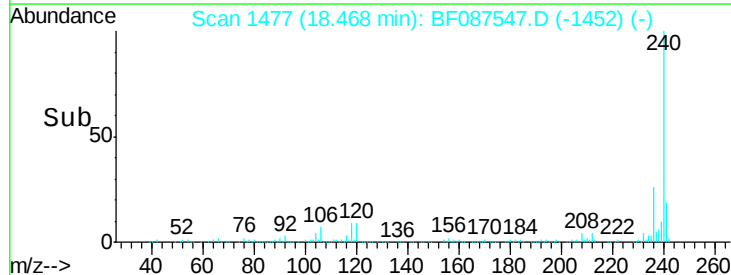
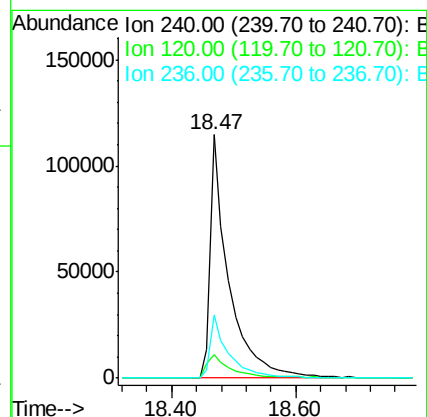
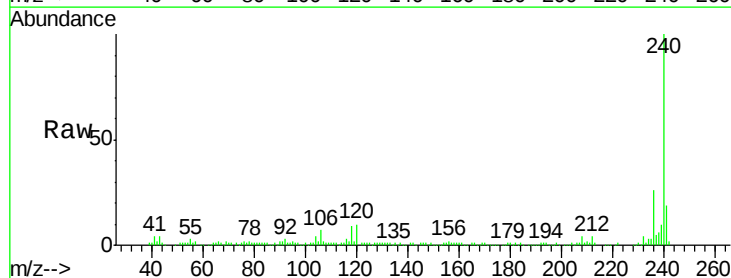
Instrument :
BNA_F
ClientSampleId :
MW-01

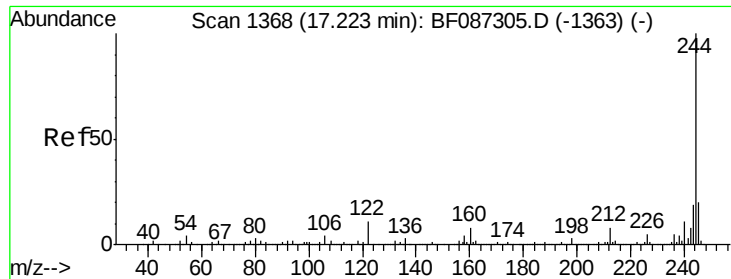
Tgt Ion:188 Resp: 374222
Ion Ratio Lower Upper
188 100
94 9.1 6.8 10.2
80 10.3 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087547.D
Acq: 30 May 2016 13:03

Tgt Ion:240 Resp: 236537
Ion Ratio Lower Upper
240 100
120 9.6 11.2 16.8#
236 26.0 21.2 31.8

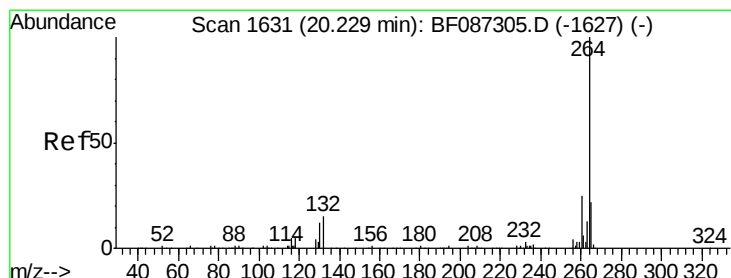
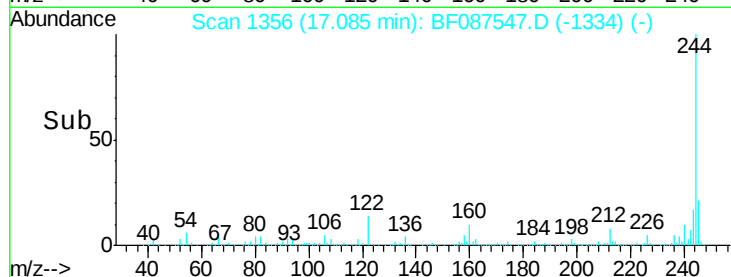
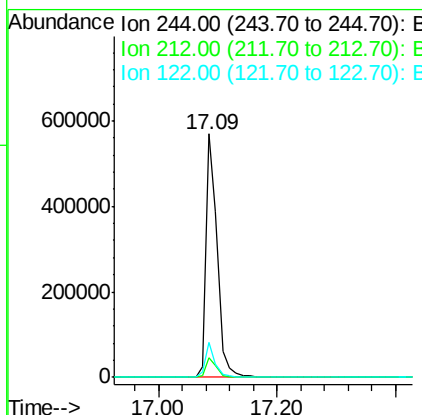
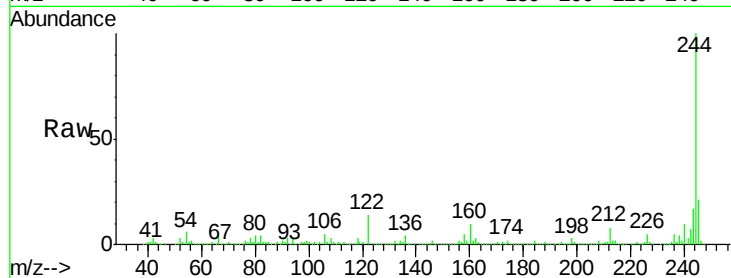




#78
 Terphenyl-d14
 Concen: 67.35 ng
 RT: 17.09 min Scan# 1356
 Delta R.T. -0.05 min
 Lab File: BF087547.D
 Acq: 30 May 2016 13:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tgt Ion:244 Resp: 749317
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.2
 122 14.2 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.15 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF087547.D
 Acq: 30 May 2016 13:03

Tgt Ion:264 Resp: 220792
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 22.2 17.3 25.9

