

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087553.D
 Acq On : 30 May 2016 16:29
 Operator : UM/SJ
 Sample : H3317-07
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Quant Time: May 31 00:40:54 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

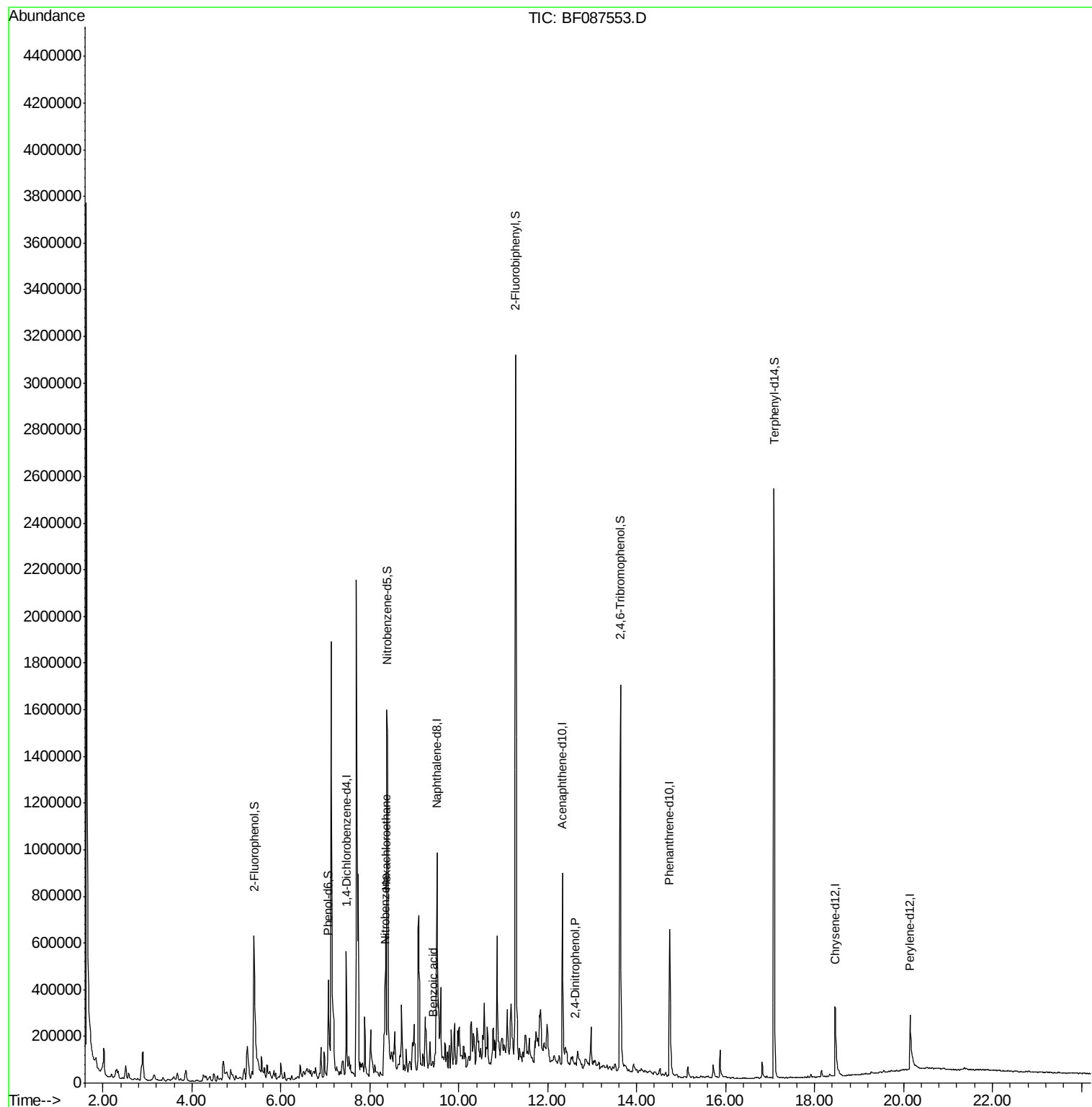
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	104239	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	432450	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	204384	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	365939	20.00	ng	-0.03
75) Chrysene-d12	18.47	240	267611	20.00	ng	-0.01
86) Perylene-d12	20.15	264	210239	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	380620	64.16	ng	-0.02
7) Phenol-d6	7.06	99	316106	39.44	ng	-0.01
23) Nitrobenzene-d5	8.39	82	774430	90.25	ng	-0.06
41) 2,4,6-Tribromophenol	13.63	330	265697	135.28	ng	-0.05
44) 2-Fluorobiphenyl	11.28	172	1229941	84.84	ng	-0.06
78) Terphenyl-d14	17.09	244	1027819	81.65	ng	-0.05
Target Compounds						Qvalue
18) Hexachloroethane	8.36	117	317197	102.64	ng	# 7
24) Nitrobenzene	8.34	77	35769	3.95	ng	# 20
32) Benzoic acid	9.42	122	2357	6.45	ng	# 1
53) 2,4-Dinitrophenol	12.63	184	343	6.73	ng	# 15

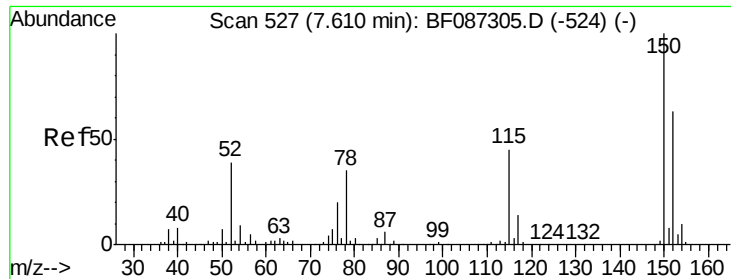
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087553.D

Acq: 30 May 2016 16:29

Instrument :

BNA_F

ClientSampleId :

MW-07

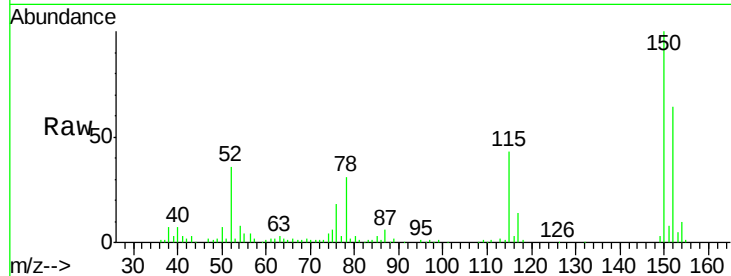
Tgt Ion:152 Resp: 104239

Ion Ratio Lower Upper

152 100

150 155.4 125.8 188.6

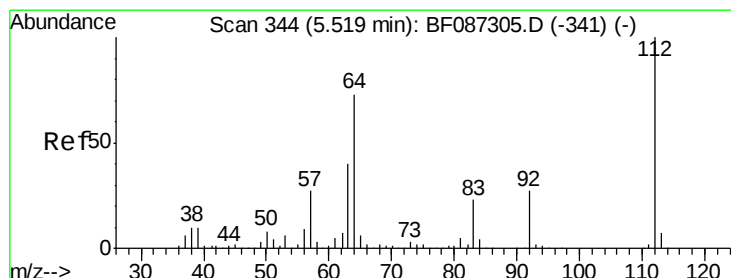
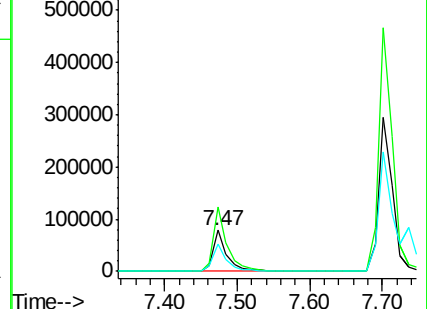
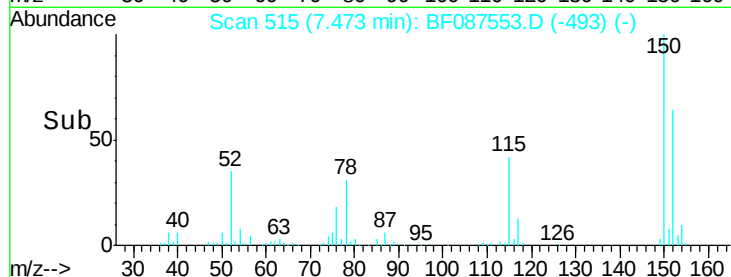
115 66.4 51.5 77.3



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: 64.16 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.02 min

Lab File: BF087553.D

Acq: 30 May 2016 16:29

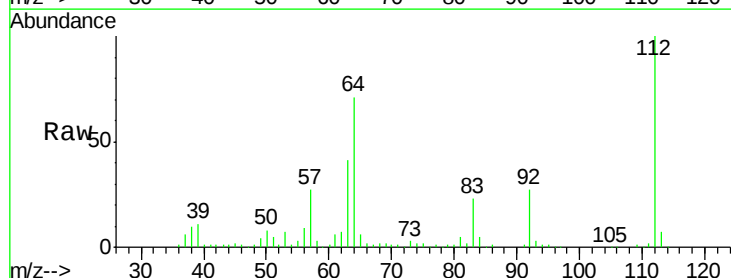
Tgt Ion:112 Resp: 380620

Ion Ratio Lower Upper

112 100

64 70.6 52.1 78.1

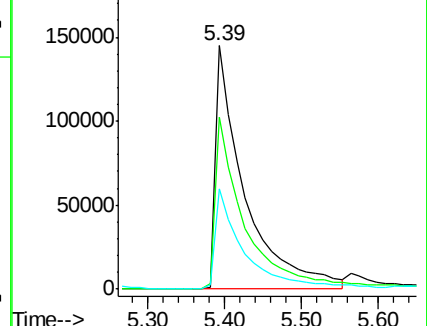
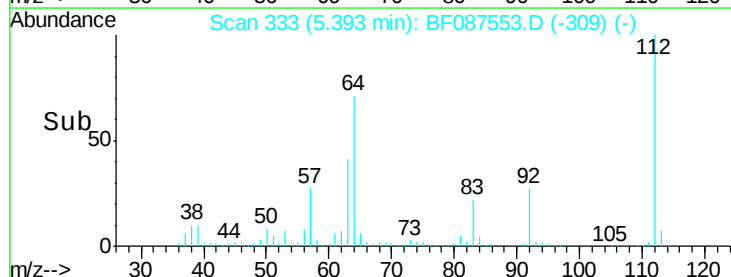
63 41.0 25.7 38.5#

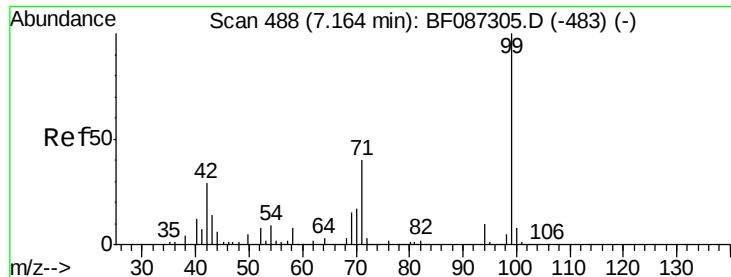


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.44 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087553.D

Acq: 30 May 2016 16:29

Instrument :

BNA_F

ClientSampleId :

MW-07

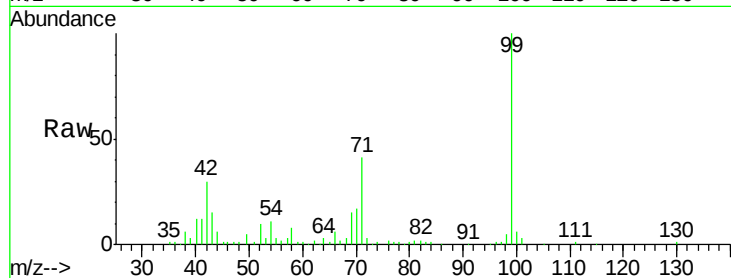
Tgt Ion: 99 Resp: 316106

Ion Ratio Lower Upper

99 100

42 30.2 13.6 20.4#

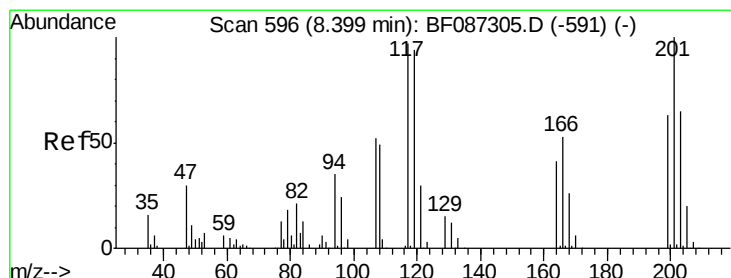
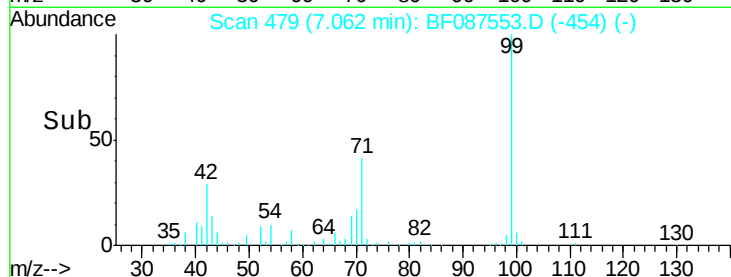
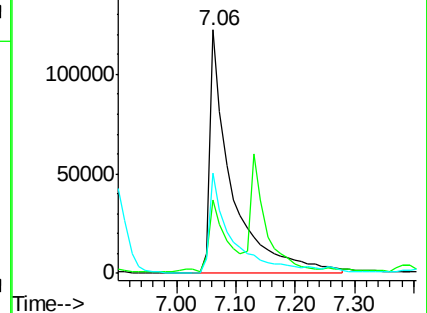
71 41.2 24.6 36.8#



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



#18

Hexachloroethane

Concen: 102.64 ng

RT: 8.36 min Scan# 593

Delta R.T. 0.07 min

Lab File: BF087553.D

Acq: 30 May 2016 16:29

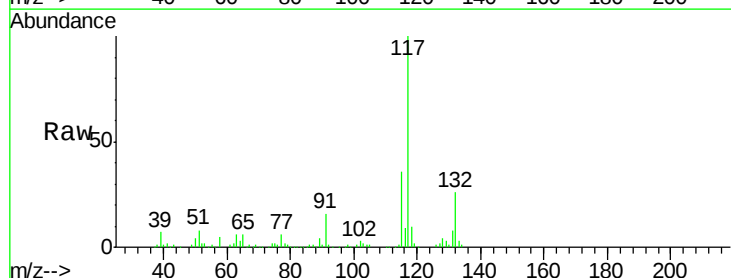
Tgt Ion: 117 Resp: 317197

Ion Ratio Lower Upper

117 100

119 2.0 76.5 114.7#

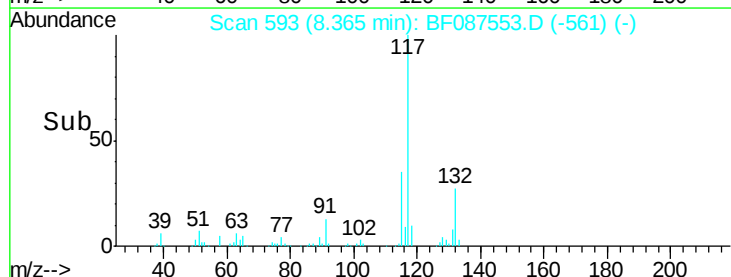
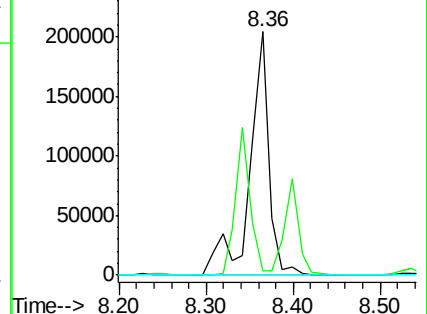
201 0.0 63.0 94.6#

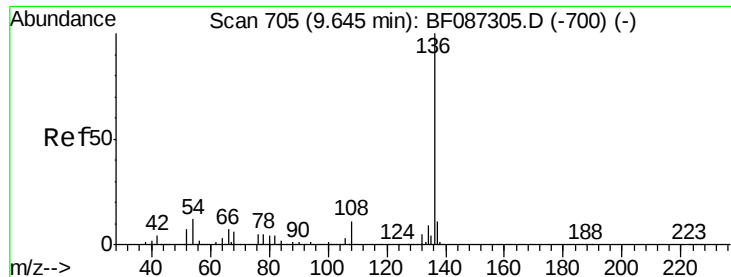


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF087553.D

Acq: 30 May 2016 16:29

Instrument :

BNA_F

ClientSampleId :

MW-07

Tgt Ion:136 Resp: 432450

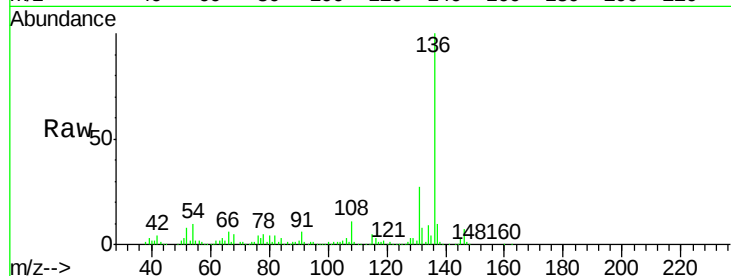
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 10.3 5.0 7.4#

68 5.0 4.4 6.6

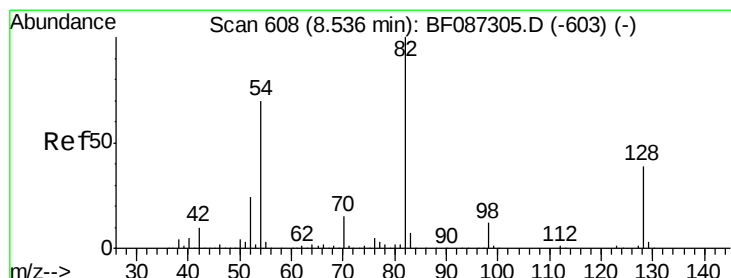
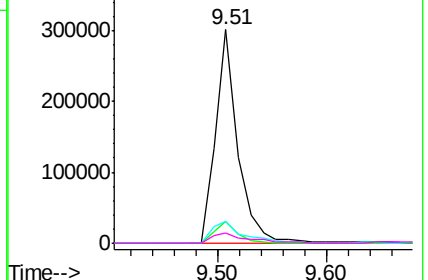
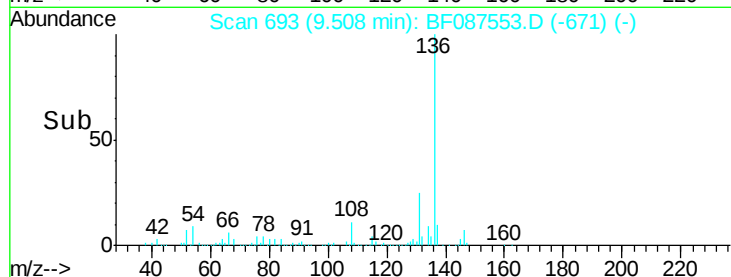


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.25 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.06 min

Lab File: BF087553.D

Acq: 30 May 2016 16:29

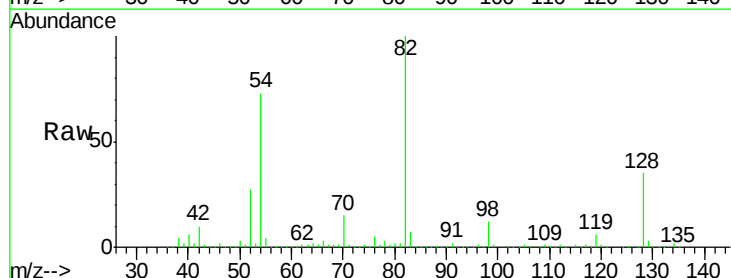
Tgt Ion: 82 Resp: 774430

Ion Ratio Lower Upper

82 100

128 35.4 40.6 61.0#

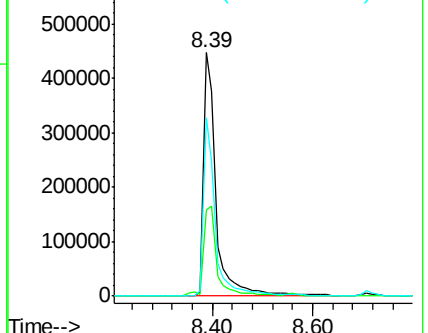
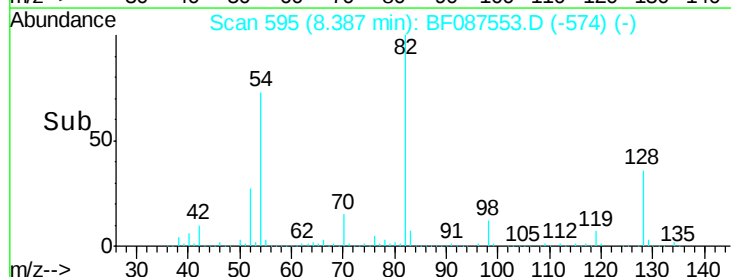
54 73.1 38.1 57.1#

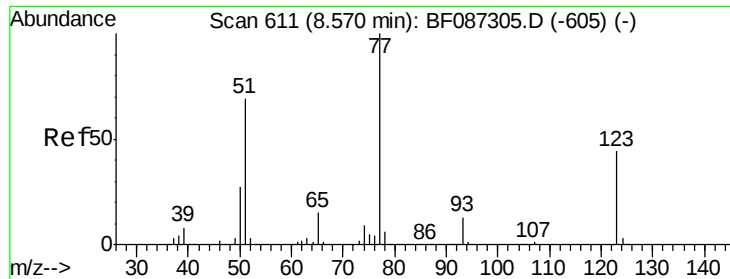


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

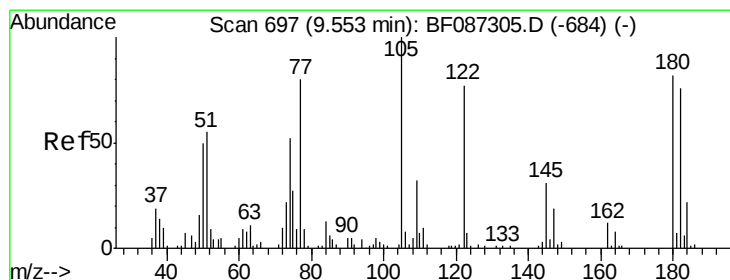
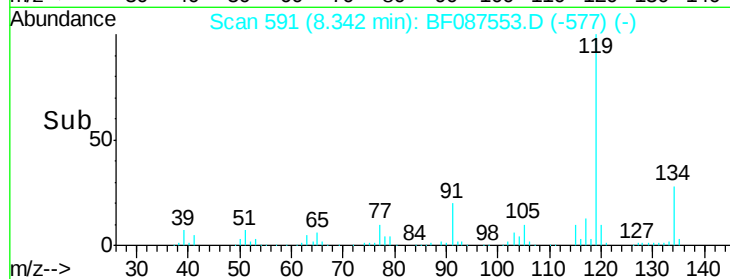
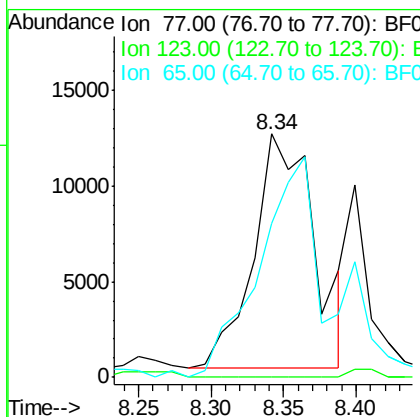
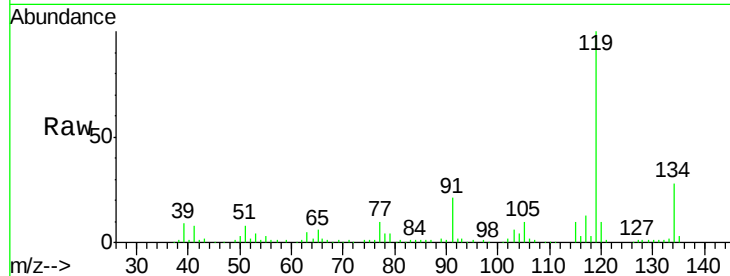




#24
 Nitrobenzene
 Concen: 3.95 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.14 min
 Lab File: BF087553.D
 Acq: 30 May 2016 16:29

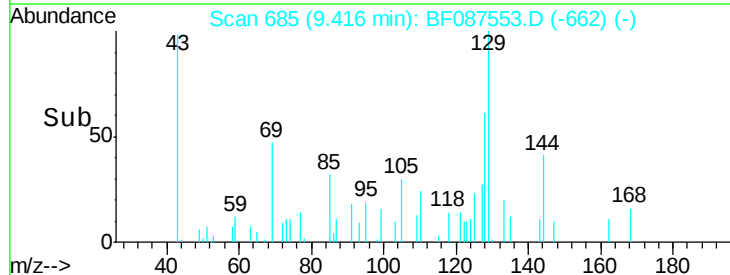
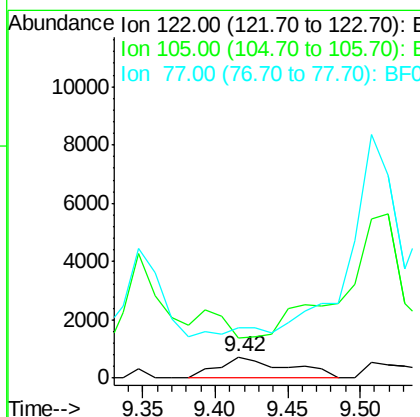
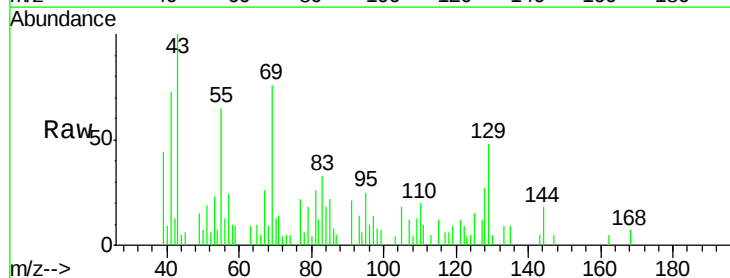
Instrument :
 BNA_F
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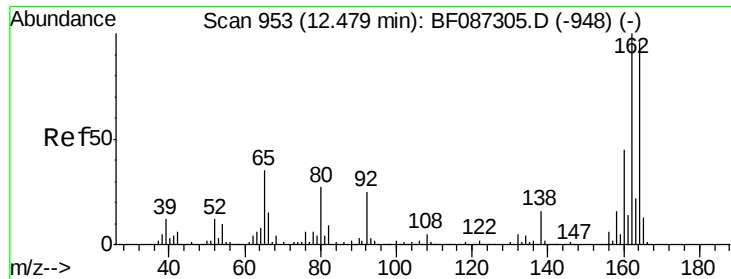
Tgt Ion: 77 Resp: 35769
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.4#
 65 63.0 10.8 16.2#



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.03 min
 Lab File: BF087553.D
 Acq: 30 May 2016 16:29

Tgt Ion: 122 Resp: 2357
 Ion Ratio Lower Upper
 122 100
 105 193.9 92.6 132.6#
 77 239.9 60.0 100.0#

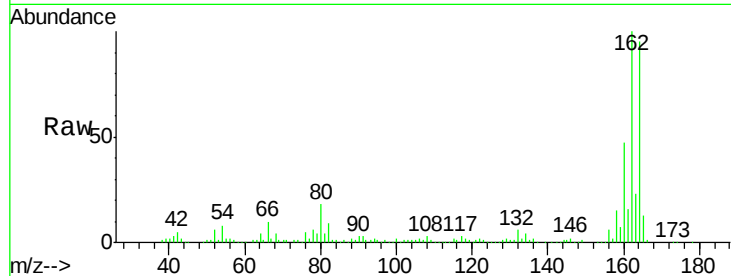




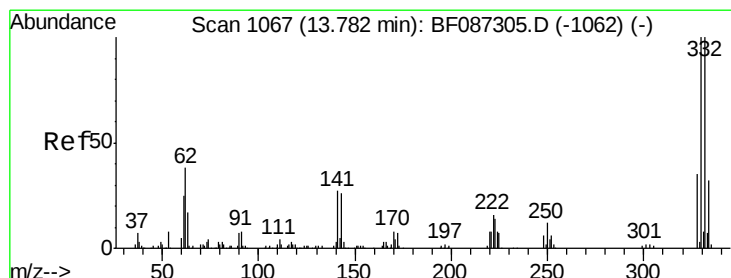
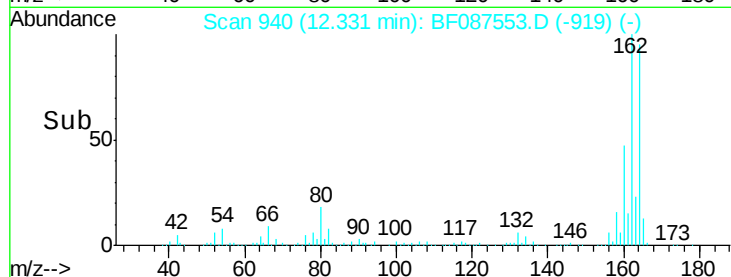
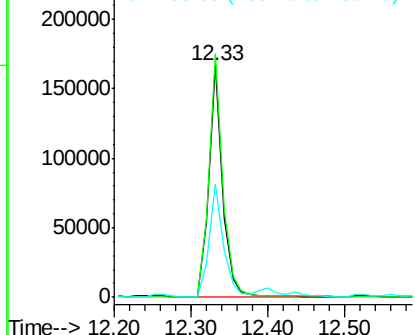
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.06 min
 Lab File: BF087553.D
 Acq: 30 May 2016 16:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tgt Ion:164 Resp: 204384
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.8 124.2
 160 48.9 36.9 55.3

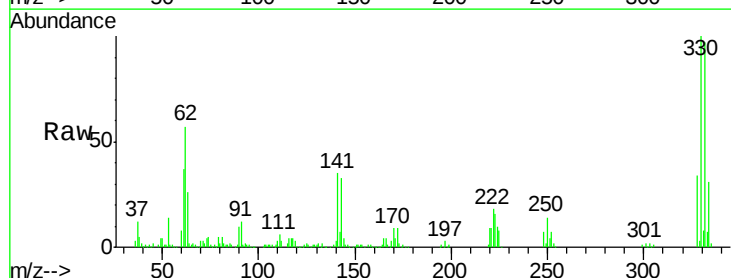


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

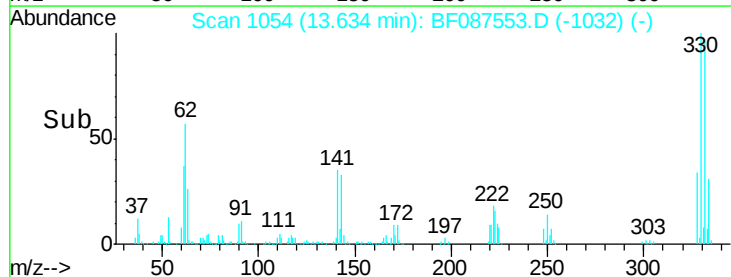
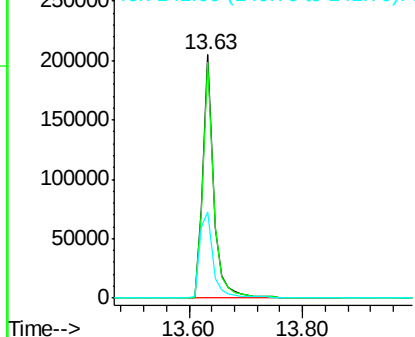


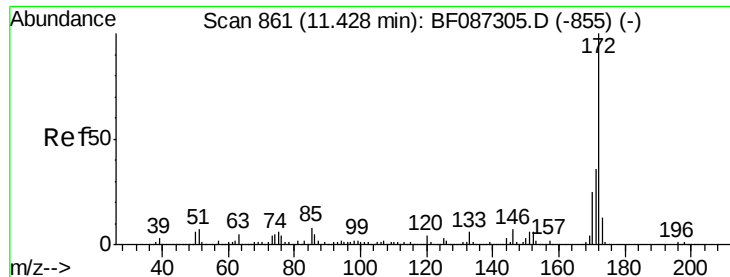
#41
 2,4,6-Tribromophenol
 Concen: 135.28 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087553.D
 Acq: 30 May 2016 16:29

Tgt Ion:330 Resp: 265697
 Ion Ratio Lower Upper
 330 100
 332 97.5 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

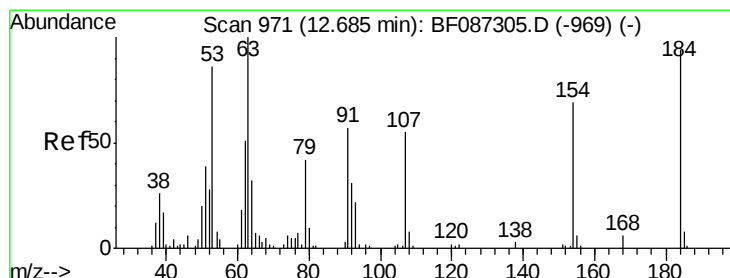
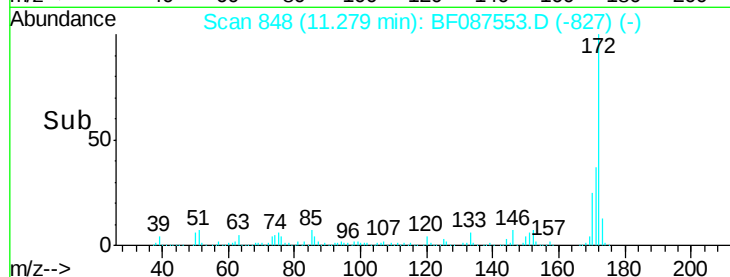
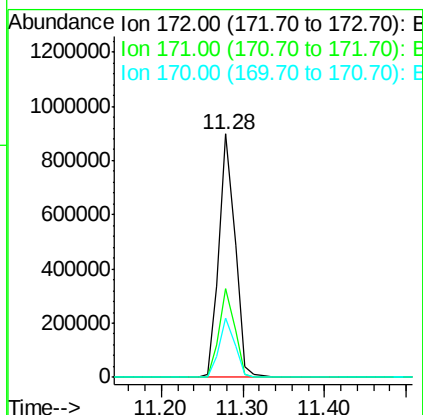
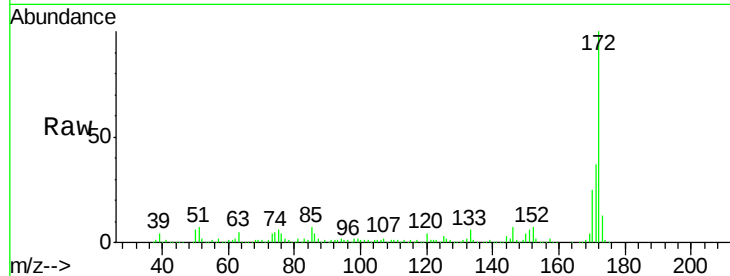




#44
 2-Fluorobiphenyl
 Concen: 84.84 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.06 min
 Lab File: BF087553.D
 Acq: 30 May 2016 16:29

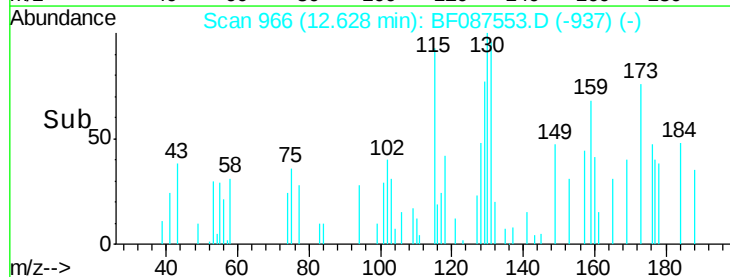
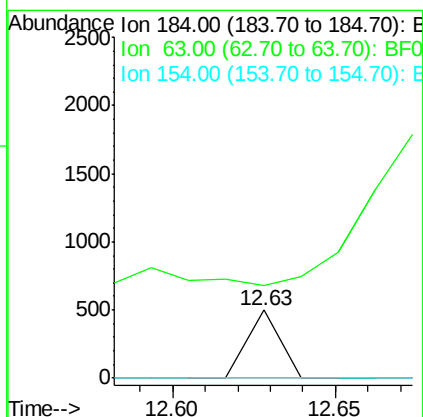
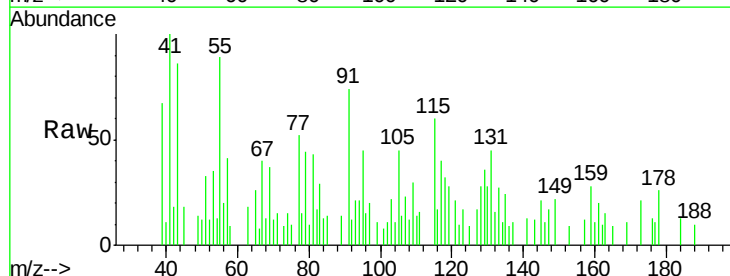
Instrument :
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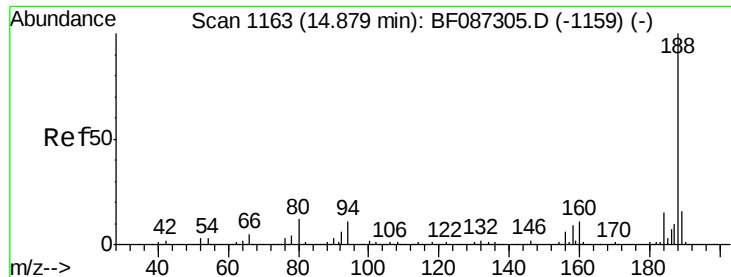
Tgt Ion:172 Resp: 1229941
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.6 19.8 29.8



#53
 2,4-Dinitrophenol
 Concen: 6.73 ng
 RT: 12.63 min Scan# 966
 Delta R.T. 0.03 min
 Lab File: BF087553.D
 Acq: 30 May 2016 16:29

Tgt Ion:184 Resp: 343
 Ion Ratio Lower Upper
 184 100
 63 135.4 55.8 83.8#
 154 0.0 62.4 93.6#

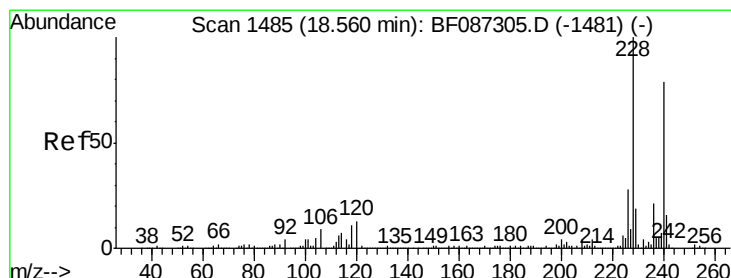
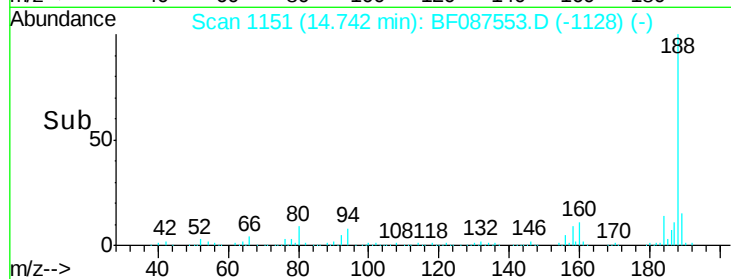
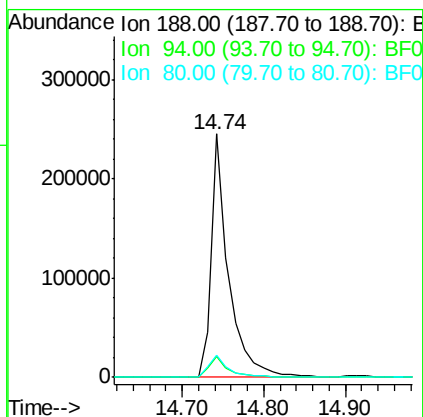
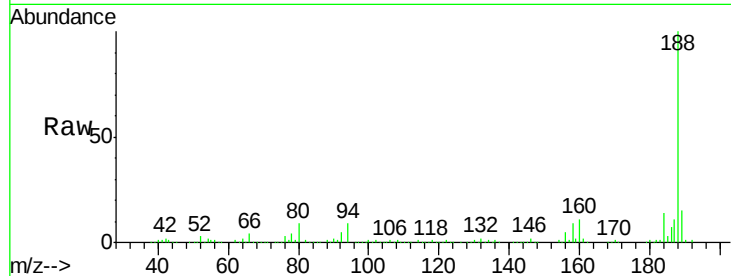




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087553.D
Acq: 30 May 2016 16:29

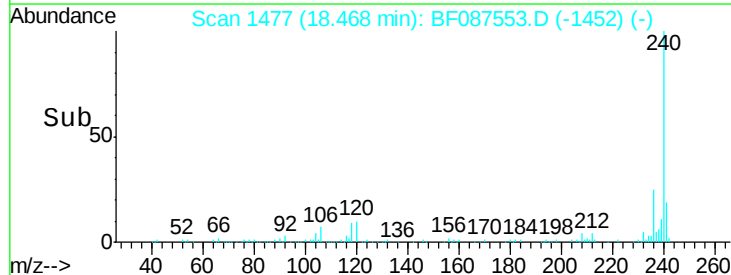
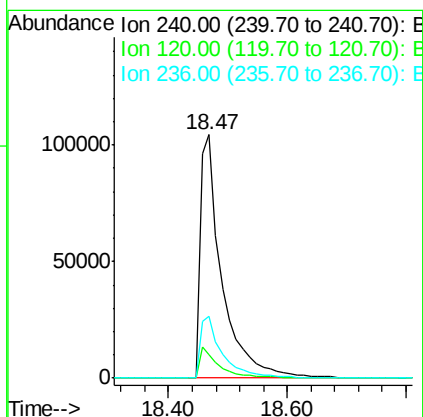
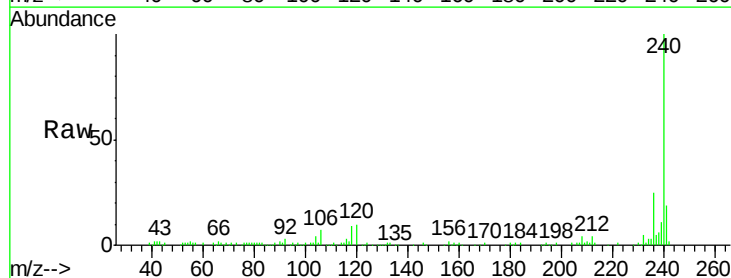
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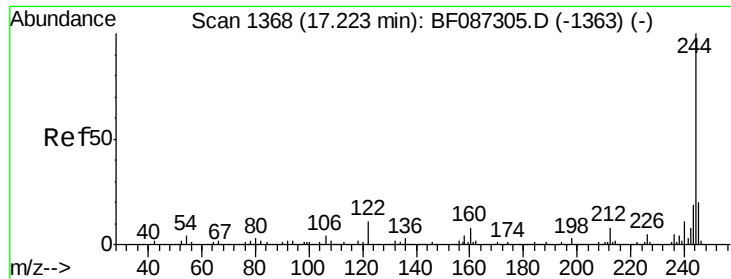
Tgt Ion:188 Resp: 365939
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.3 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087553.D
Acq: 30 May 2016 16:29

Tgt Ion:240 Resp: 267611
Ion Ratio Lower Upper
240 100
120 9.8 11.2 16.8#
236 25.3 21.2 31.8

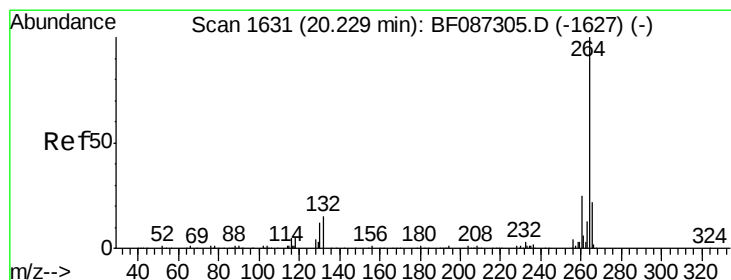
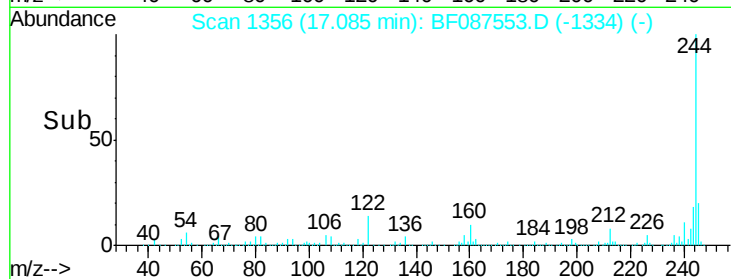
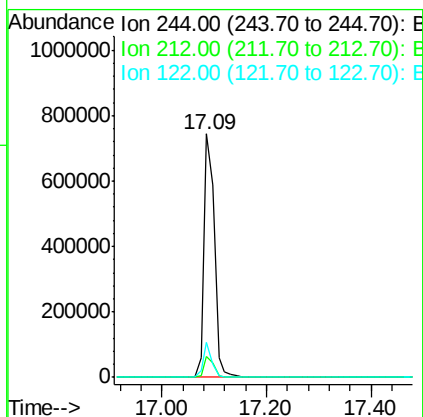
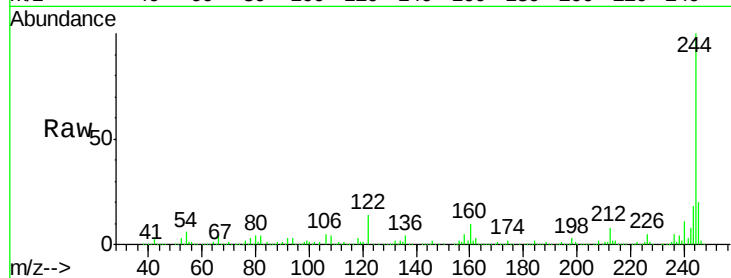




#78
 Terphenyl-d14
 Concen: 81.65 ng
 RT: 17.09 min Scan# 1356
 Delta R.T. -0.05 min
 Lab File: BF087553.D
 Acq: 30 May 2016 16:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tgt Ion:244 Resp: 1027819
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.2 9.2
 122 14.5 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: BF087553.D
 Acq: 30 May 2016 16:29

Tgt Ion:264 Resp: 210239
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.8 17.3 25.9

