

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
 Data File : BF087593.D
 Acq On : 31 May 2016 21:58
 Operator : UM/SJ
 Sample : H3222-15RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Quant Time: Jun 01 00:53:54 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

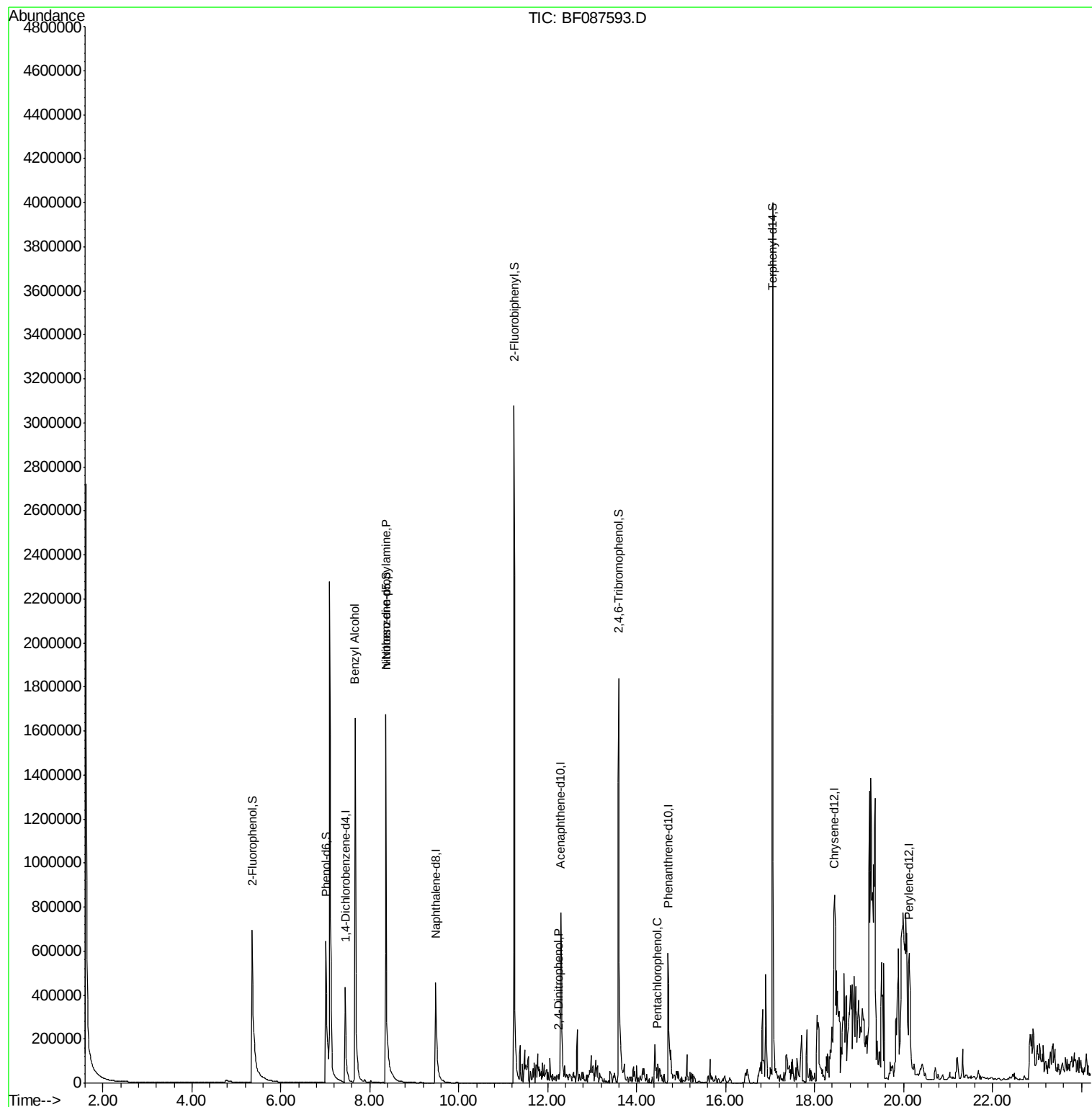
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	123578	20.00	ng	-0.07
21) Naphthalene-d8	9.48	136	514510	20.00	ng	-0.07
38) Acenaphthene-d10	12.30	164	248659	20.00	ng	-0.09
63) Phenanthrene-d10	14.71	188	498688	20.00	ng	-0.07
75) Chrysene-d12	18.43	240	439314	20.00	ng	-0.05
86) Perylene-d12	20.11	264	332545	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	518422	73.71	ng	-0.06
7) Phenol-d6	7.02	99	602639	63.42	ng	-0.06
23) Nitrobenzene-d5	8.36	82	882878	86.48	ng	-0.08
41) 2,4,6-Tribromophenol	13.60	330	338072	141.48	ng	-0.08
44) 2-Fluorobiphenyl	11.24	172	1483373	84.10	ng	-0.09
78) Terphenyl-d14	17.06	244	1470454	71.16	ng	-0.07
Target Compounds						
15) Benzyl Alcohol	7.67	79	14691	2.12	ng	# 47
19) n-Nitroso-di-n-propylamine	8.36	70	105860	14.94	ng	# 77
53) 2,4-Dinitrophenol	12.25	184	881	6.94	ng	# 12
69) Pentachlorophenol	14.47	266	1146	6.77	ng	# 76

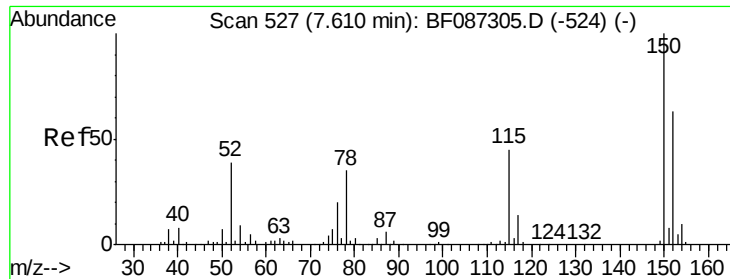
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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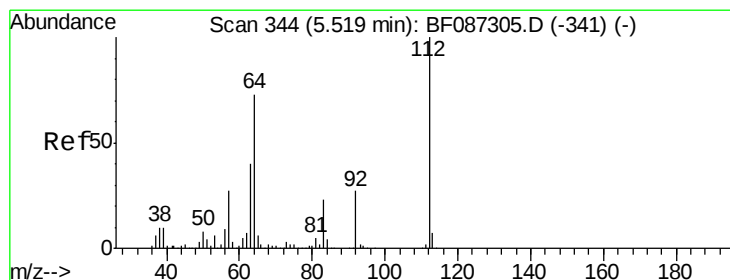
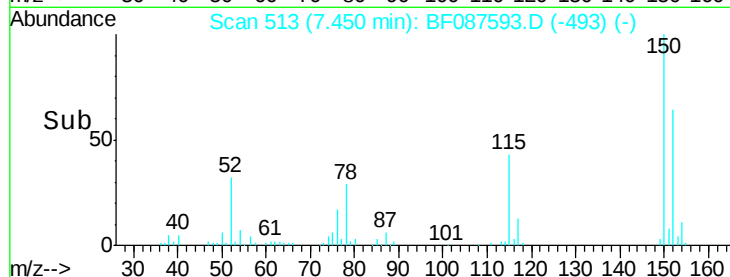
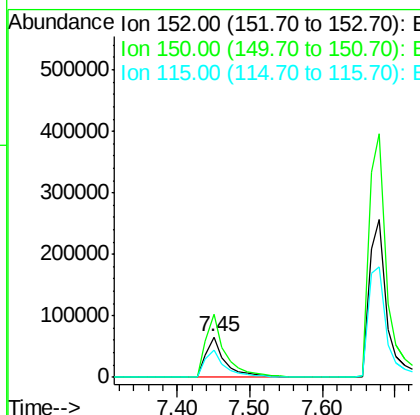
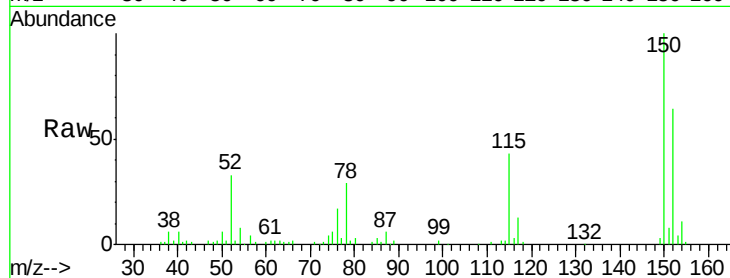




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.45 min Scan# 513
 Delta R.T. -0.07 min
 Lab File: BF087593.D
 Acq: 31 May 2016 21:58

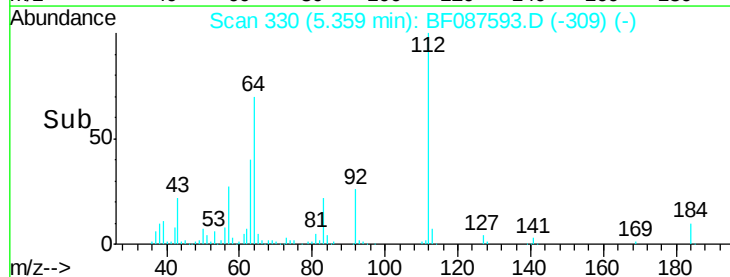
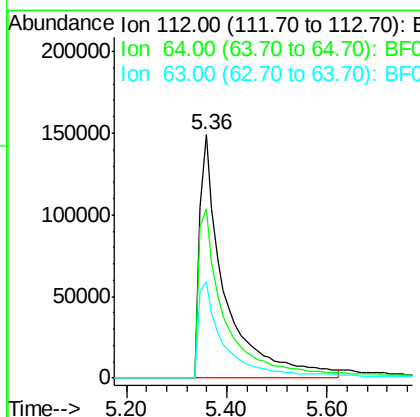
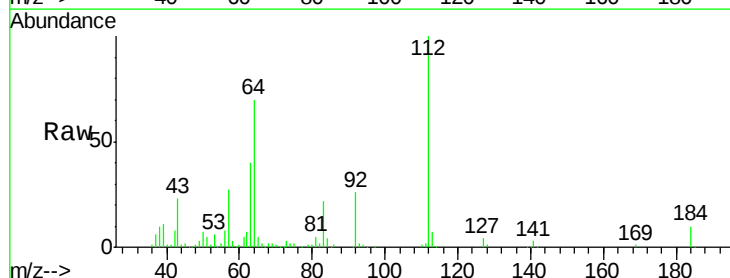
Instrument :
 BNA_F
 ClientSampleId :
 MW-28

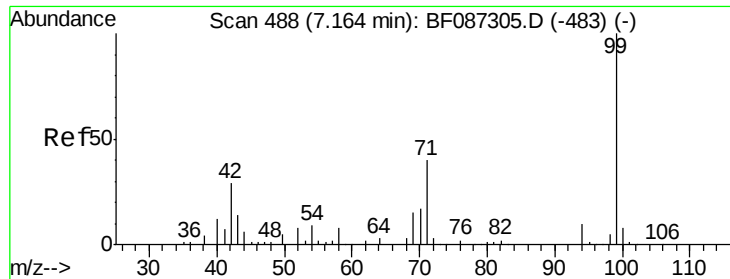
Tgt Ion:152 Resp: 123578
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.8 188.6
 115 66.3 51.5 77.3



#5
 2-Fluorophenol
 Concen: 73.71 ng
 RT: 5.36 min Scan# 330
 Delta R.T. -0.06 min
 Lab File: BF087593.D
 Acq: 31 May 2016 21:58

Tgt Ion:112 Resp: 518422
 Ion Ratio Lower Upper
 112 100
 64 69.5 52.1 78.1
 63 39.6 25.7 38.5#





#7

Phenol-d6

Concen: 63.42 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.06 min

Lab File: BF087593.D

Acq: 31 May 2016 21:58

Instrument :

BNA_F

ClientSampleId :

MW-28

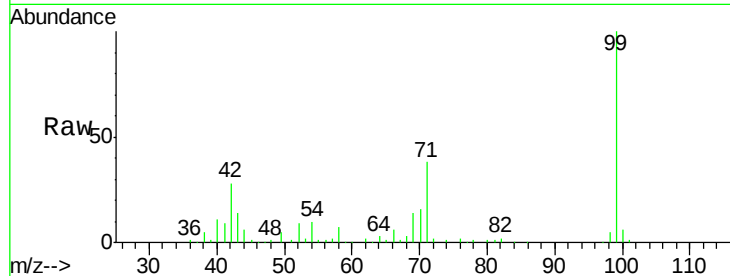
Tgt Ion: 99 Resp: 602639

Ion Ratio Lower Upper

99 100

42 28.5 13.6 20.4#

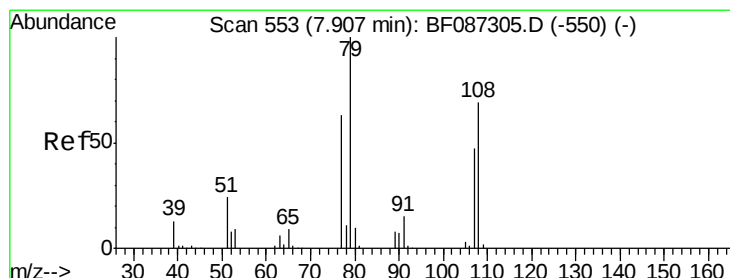
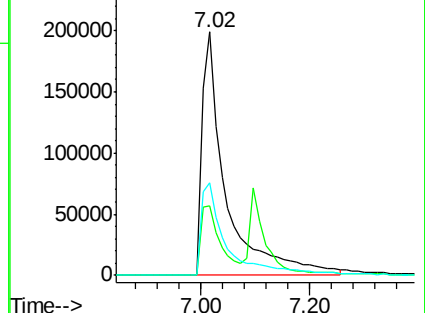
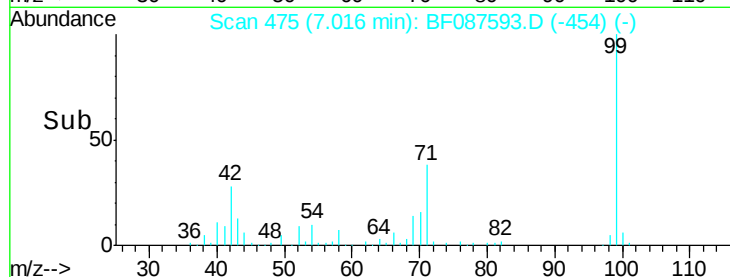
71 38.2 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.15 min

Lab File: BF087593.D

Acq: 31 May 2016 21:58

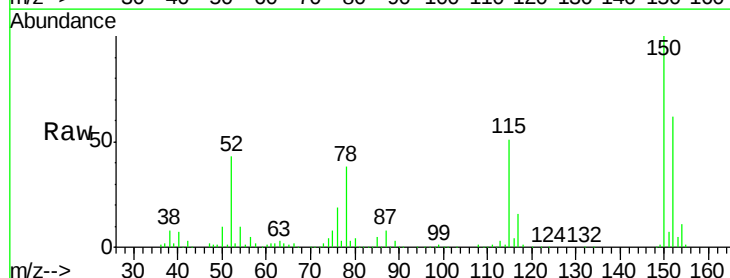
Tgt Ion: 79 Resp: 14691

Ion Ratio Lower Upper

79 100

108 28.2 68.4 102.6#

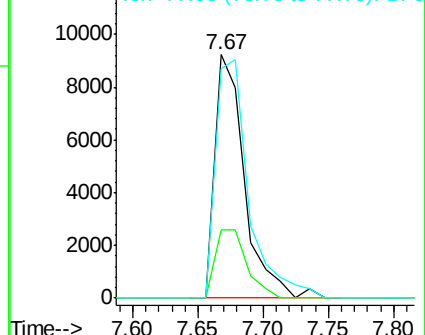
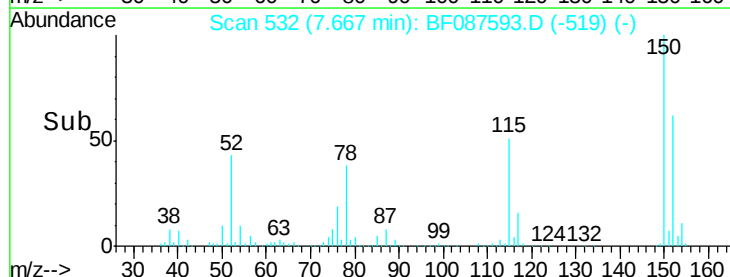
77 94.1 50.6 76.0#

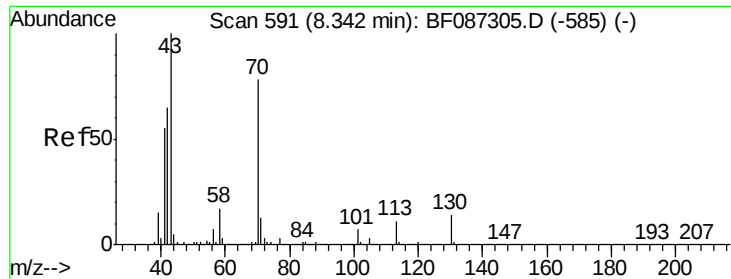


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

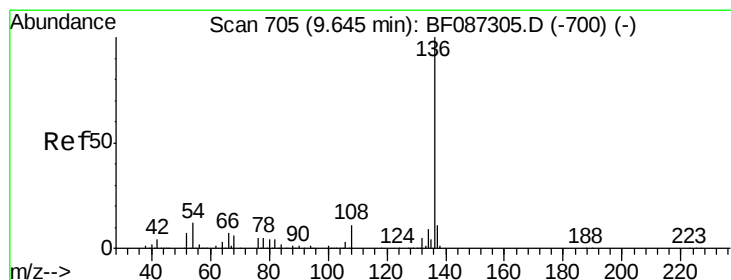
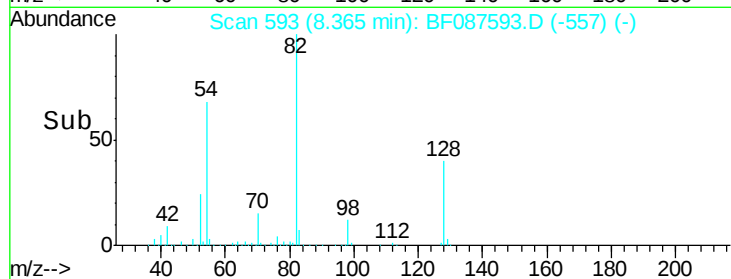
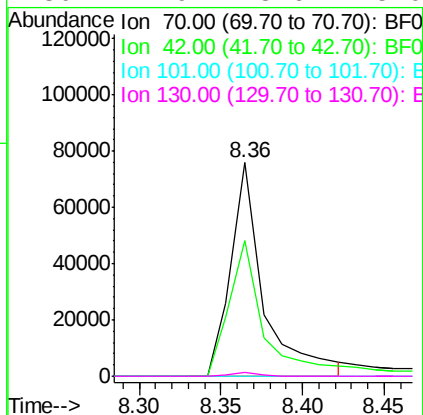
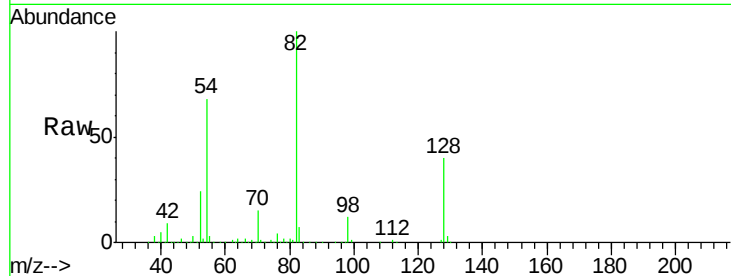




#19
n-Nitroso-di-n-propylamine
Concen: 14.94 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.11 min
Lab File: BF087593.D
Acq: 31 May 2016 21:58

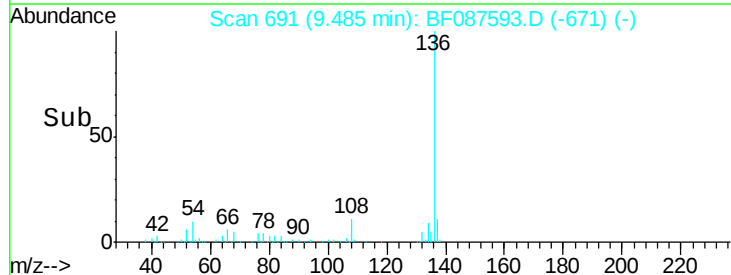
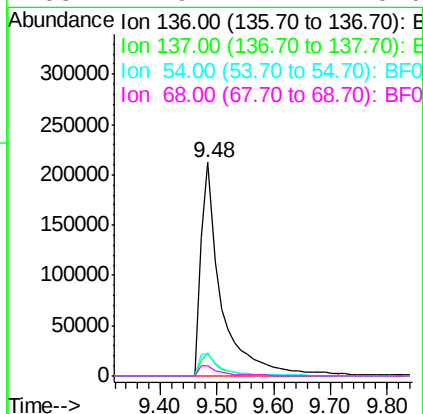
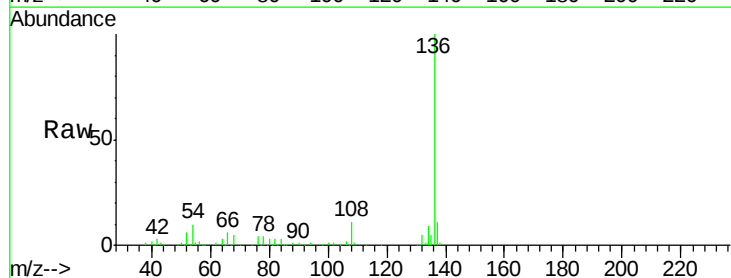
Instrument :
BNA_F
ClientSampleId :
MW-28

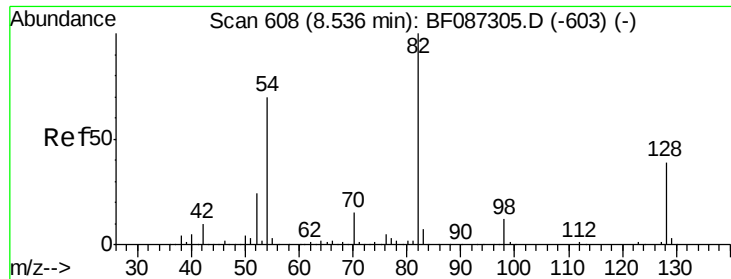
Tgt Ion: 70 Resp: 105860
Ion Ratio Lower Upper
70 100
42 63.3 43.1 64.7
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.07 min
Lab File: BF087593.D
Acq: 31 May 2016 21:58

Tgt Ion: 136 Resp: 514510
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 10.1 5.0 7.4#
68 4.9 4.4 6.6

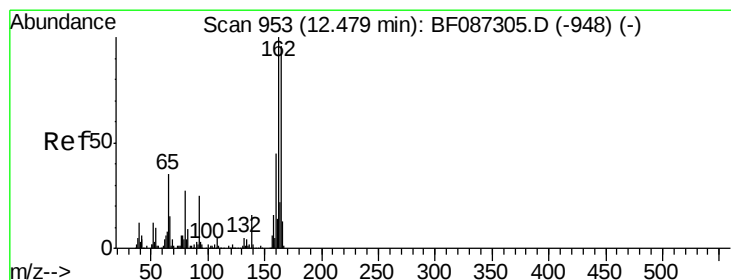
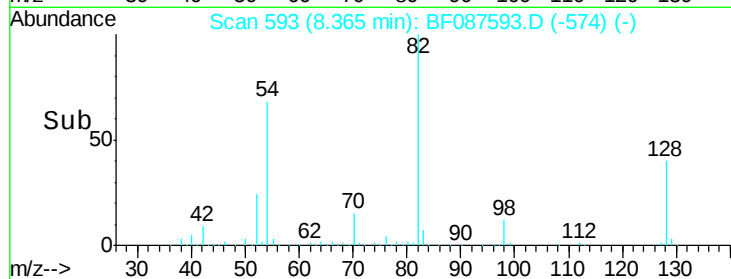
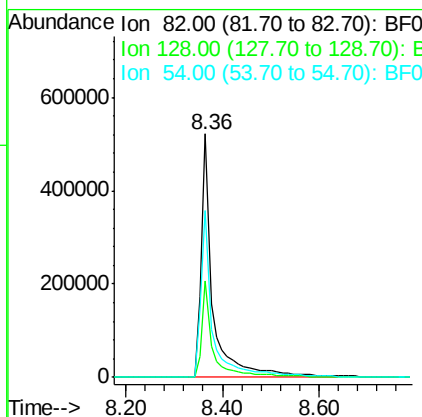
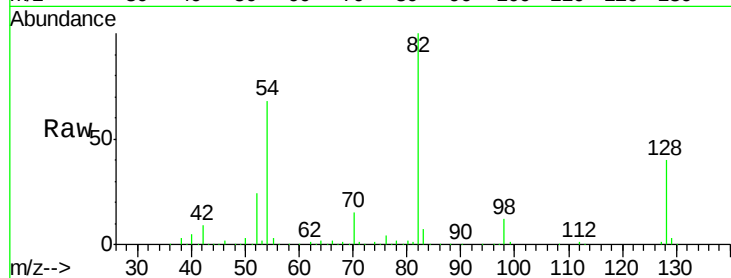




#23
 Nitrobenzene-d5
 Concen: 86.48 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.08 min
 Lab File: BF087593.D
 Acq: 31 May 2016 21:58

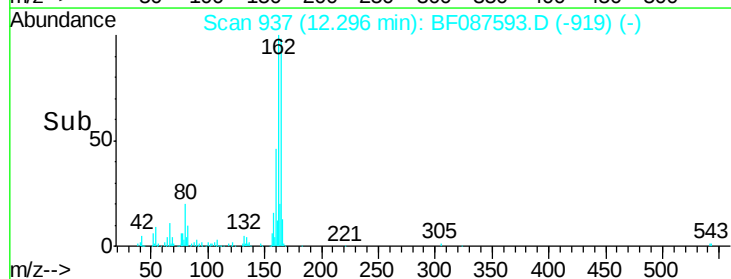
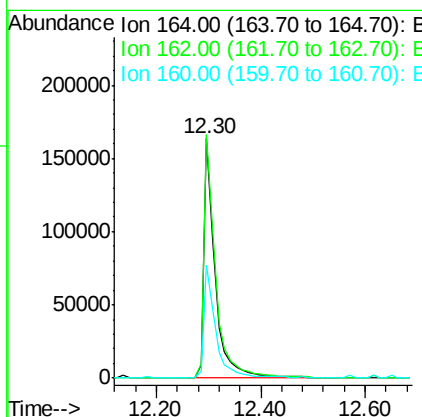
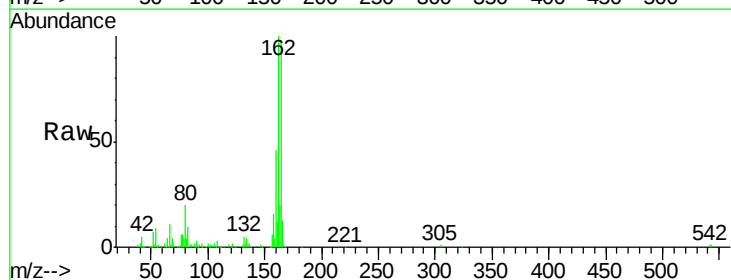
Instrument :
 BNA_F
 ClientSampleId :
 MW-28

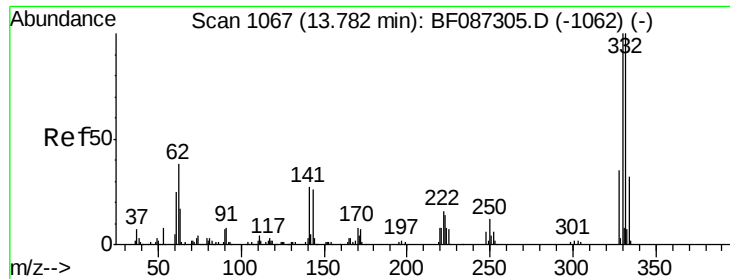
Tgt Ion: 82 Resp: 882878
 Ion Ratio Lower Upper
 82 100
 128 39.7 40.6 61.0#
 54 68.3 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. -0.09 min
 Lab File: BF087593.D
 Acq: 31 May 2016 21:58

Tgt Ion: 164 Resp: 248659
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.8 124.2
 160 47.0 36.9 55.3

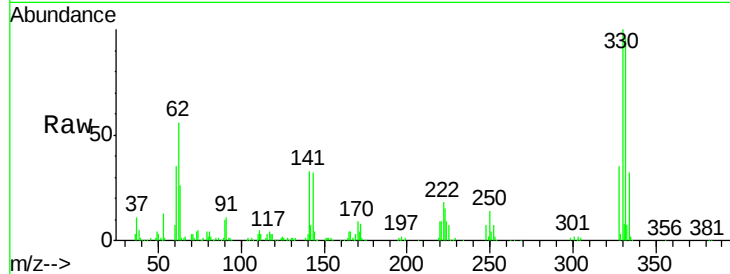




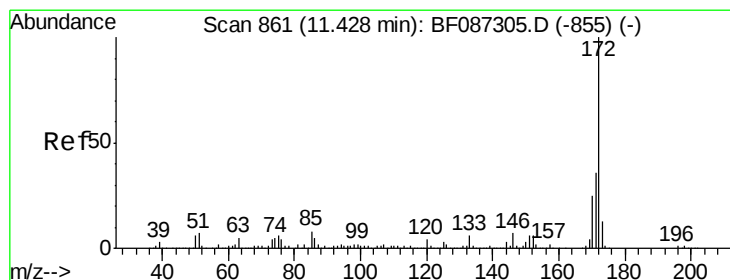
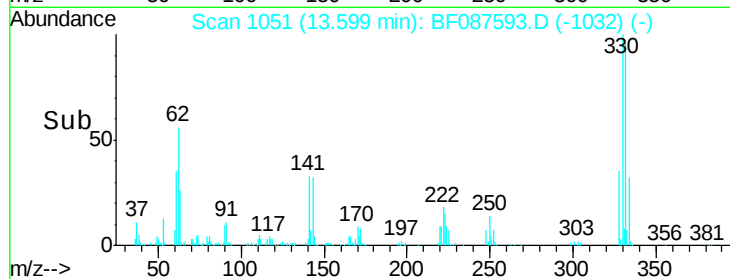
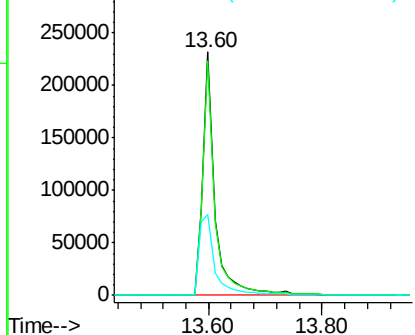
#41
 2,4,6-Tribromophenol
 Concen: 141.48 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.08 min
 Lab File: BF087593.D
 Acq: 31 May 2016 21:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Tgt Ion:330 Resp: 338072
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 43.1 31.2 46.8

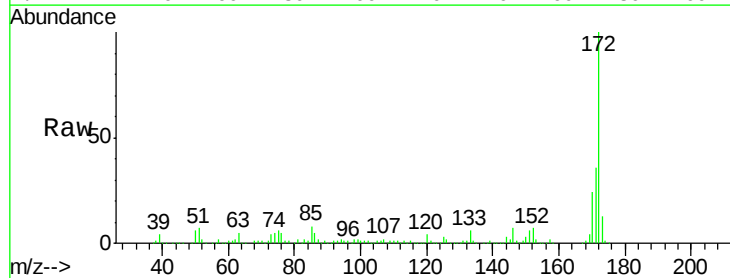


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

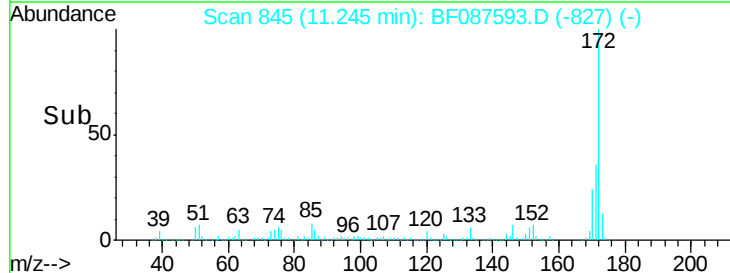
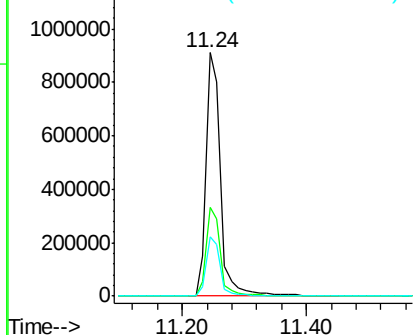


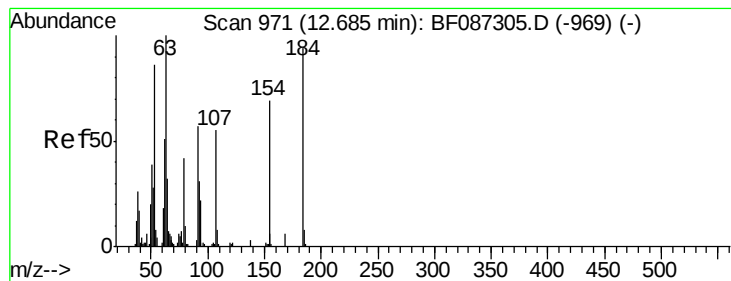
#44
 2-Fluorobiphenyl
 Concen: 84.10 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.09 min
 Lab File: BF087593.D
 Acq: 31 May 2016 21:58

Tgt Ion:172 Resp: 1483373
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.4 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





#53

2,4-Dinitrophenol

Concen: 6.94 ng

RT: 12.25 min Scan# 933

Delta R.T. -0.34 min

Lab File: BF087593.D

Acq: 31 May 2016 21:58

Instrument :

BNA_F

ClientSampled :

MW-28

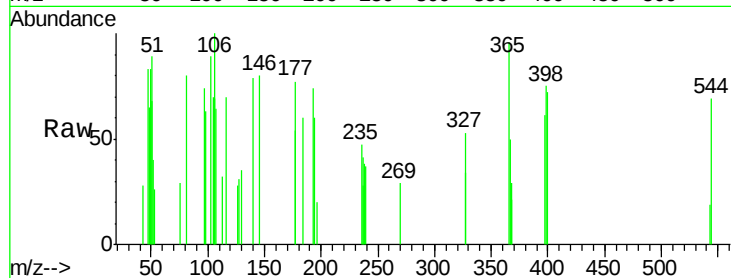
Tgt Ion:184 Resp: 881

Ion Ratio Lower Upper

184 100

63 0.0 55.8 83.8#

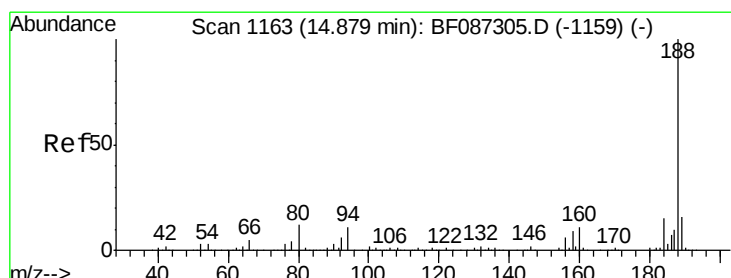
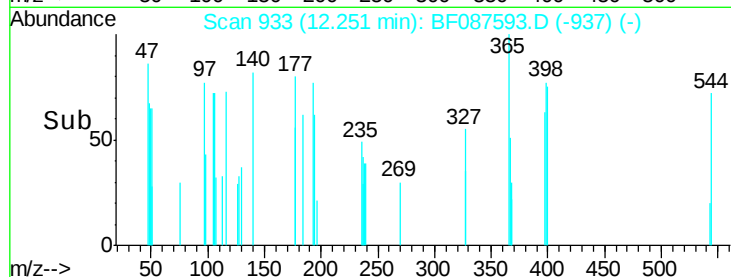
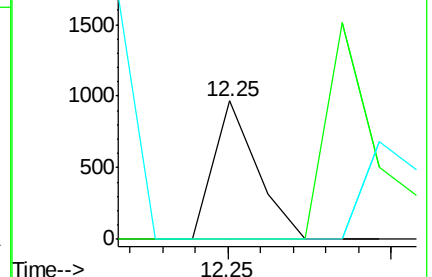
154 0.0 62.4 93.6#



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: 14.71 min Scan# 1148

Delta R.T. -0.07 min

Lab File: BF087593.D

Acq: 31 May 2016 21:58

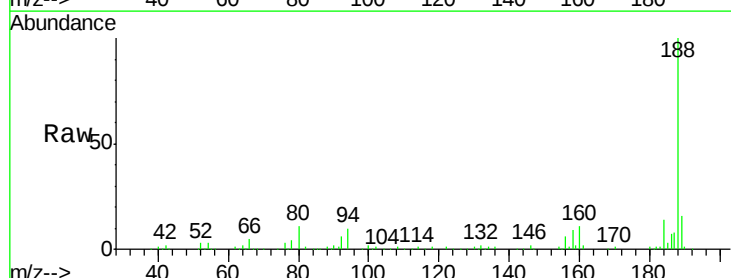
Tgt Ion:188 Resp: 498688

Ion Ratio Lower Upper

188 100

94 10.2 6.8 10.2

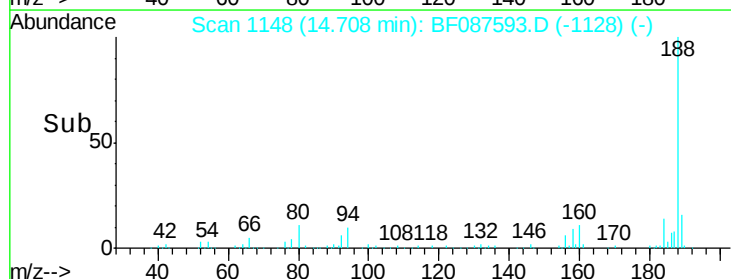
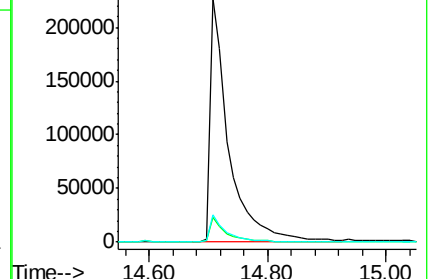
80 11.0 7.1 10.7#

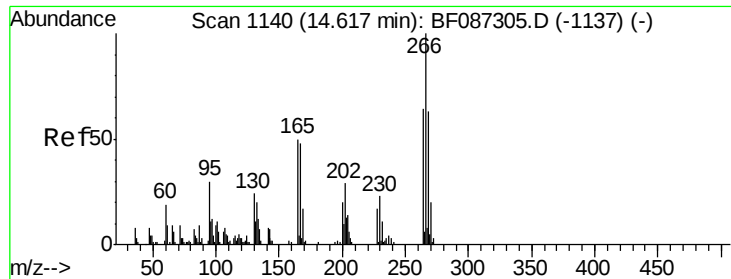


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

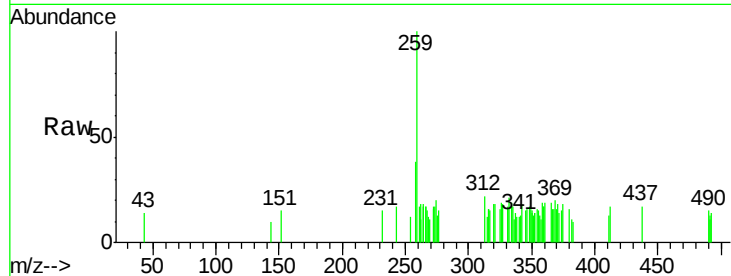




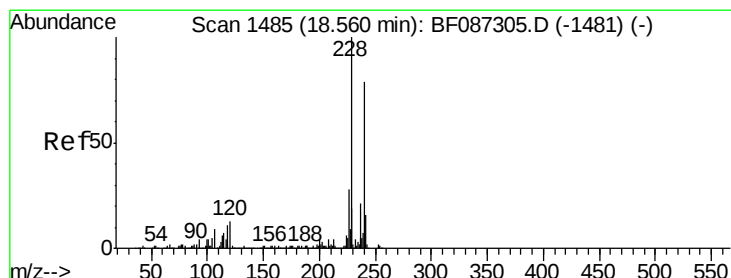
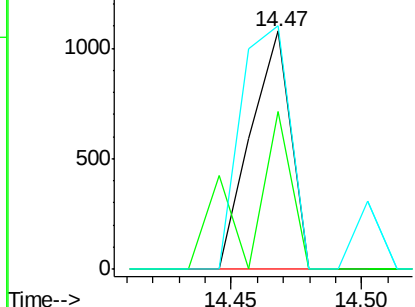
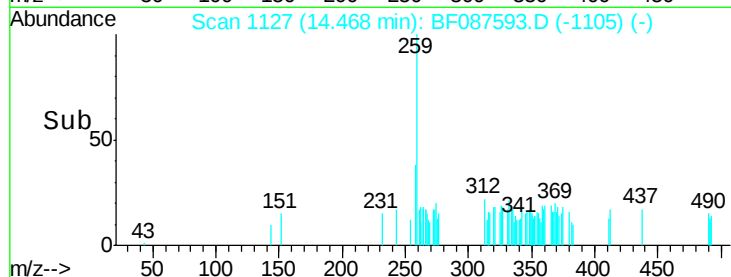
#69
 Pentachlorophenol
 Concen: 6.77 ng
 RT: 14.47 min Scan# 1127
 Delta R.T. -0.05 min
 Lab File: BF087593.D
 Acq: 31 May 2016 21:58

Instrument :
 BNA_F
 ClientSampled :
 MW-28

Tgt Ion:266 Resp: 1146
 Ion Ratio Lower Upper
 266 100
 268 66.4 51.5 77.3
 264 102.2 52.9 79.3#

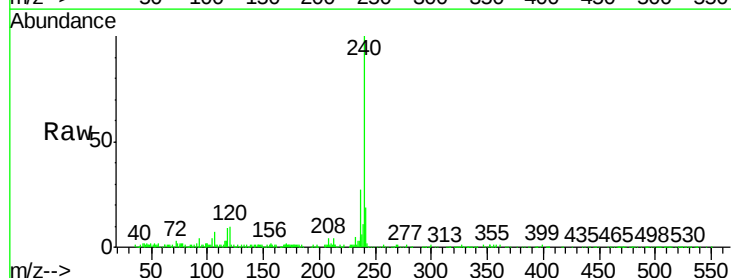


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

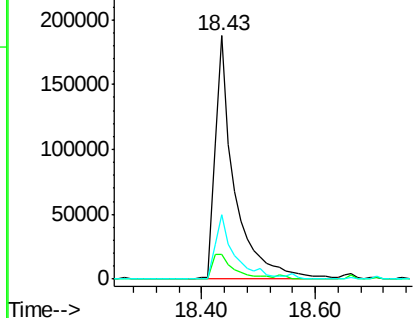
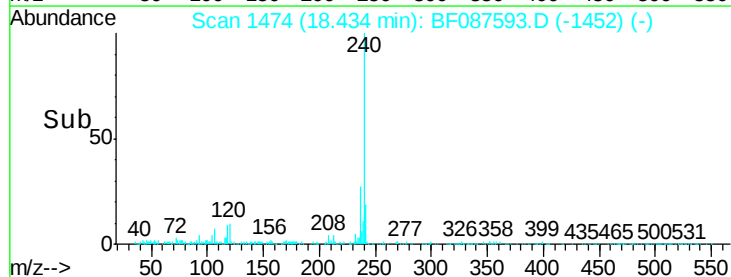


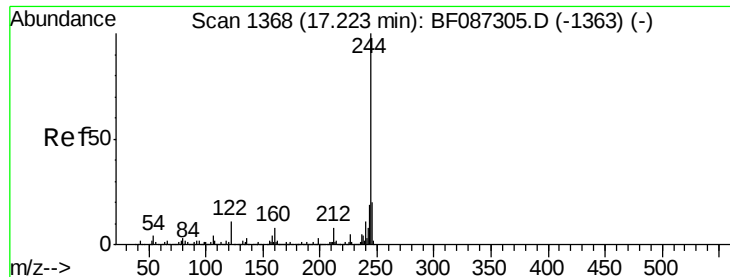
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. -0.05 min
 Lab File: BF087593.D
 Acq: 31 May 2016 21:58

Tgt Ion:240 Resp: 439314
 Ion Ratio Lower Upper
 240 100
 120 10.0 11.2 16.8#
 236 26.5 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: 71.16 ng

RT: 17.06 min Scan# 1354

Delta R.T. -0.07 min

Lab File: BF087593.D

Acq: 31 May 2016 21:58

Instrument :

BNA_F

ClientSampleId :

MW-28

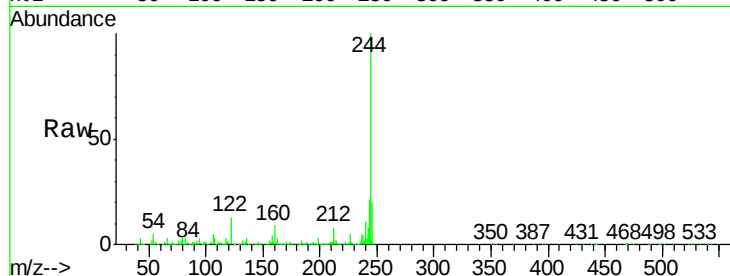
Tgt Ion:244 Resp: 1470454

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

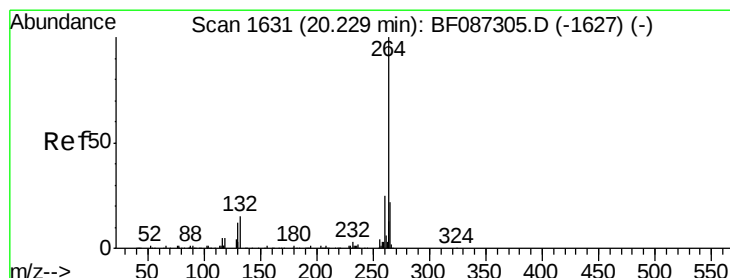
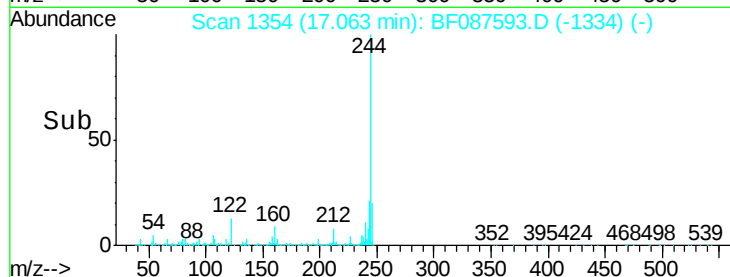
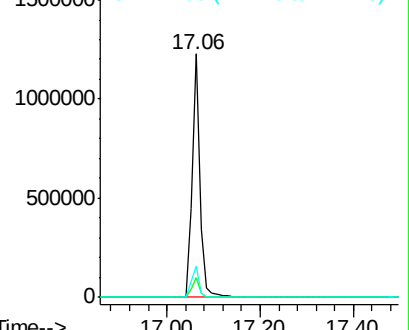
122 12.8 12.0 18.0



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: 20.11 min Scan# 1621

Delta R.T. -0.02 min

Lab File: BF087593.D

Acq: 31 May 2016 21:58

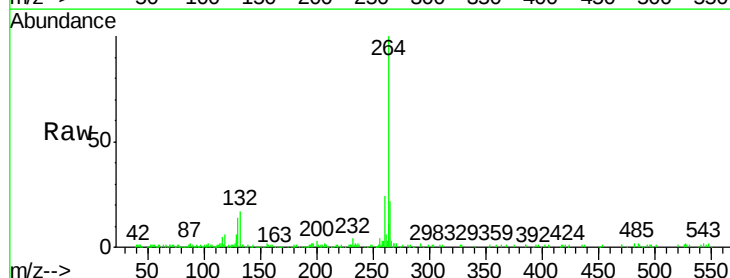
Tgt Ion:264 Resp: 332545

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.6 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

