

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
 Data File : BF087455.D
 Acq On : 27 May 2016 22:02
 Operator : UM/SJ
 Sample : H3242-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-5GW

Quant Time: May 28 00:23:00 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

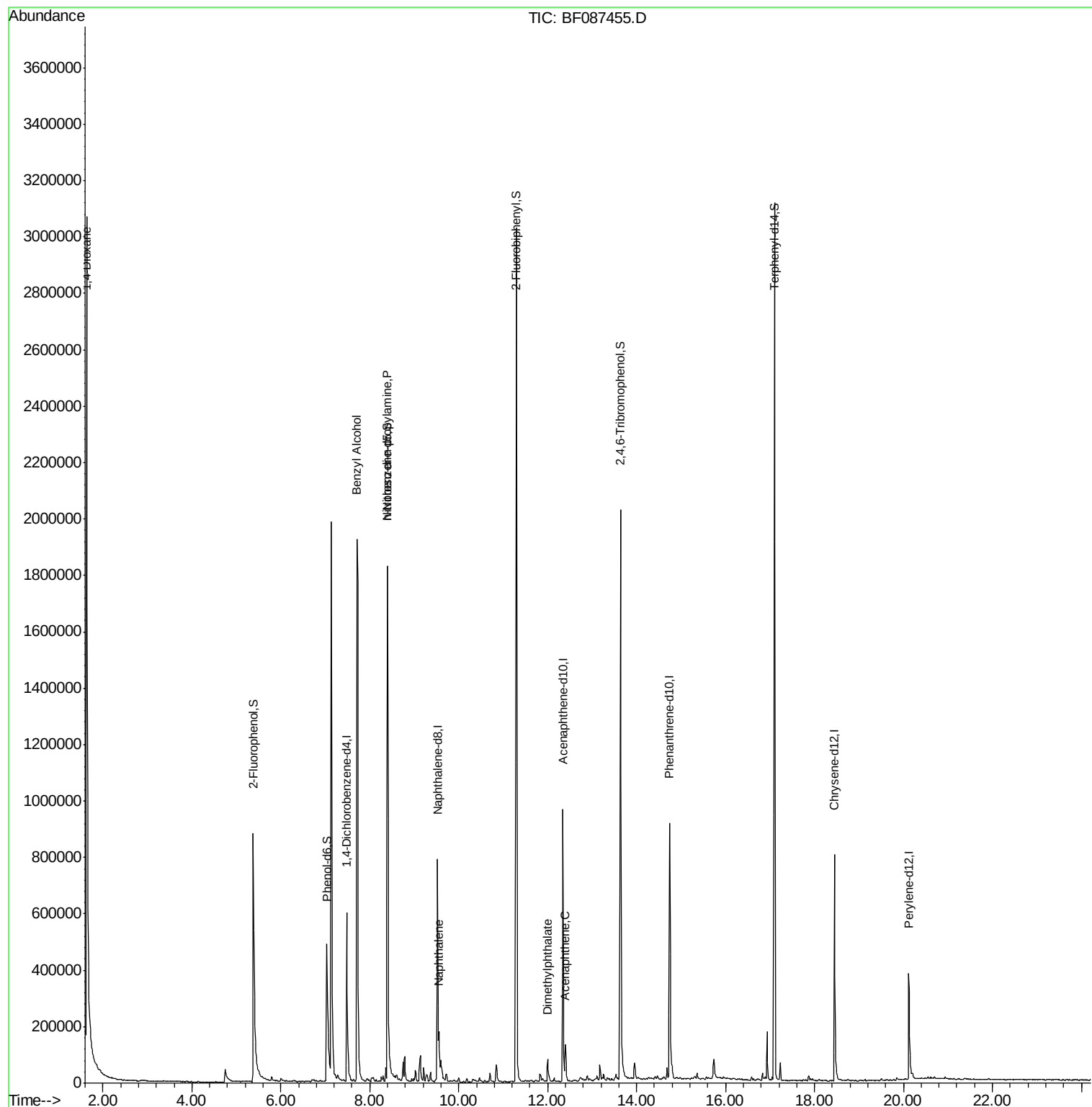
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	121838	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	514340	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	250169	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	458968	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	376034	20.00	ng	-0.03
86) Perylene-d12	20.11	264	263111	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	452178	65.21	ng	-0.03
7) Phenol-d6	7.04	99	394995	42.16	ng	-0.03
23) Nitrobenzene-d5	8.40	82	874445	85.68	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	315501	131.24	ng	-0.05
44) 2-Fluorobiphenyl	11.29	172	1539561	86.76	ng	-0.05
78) Terphenyl-d14	17.10	244	1307916	73.95	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.63	88	105325	28.79	ng	# 22
15) Benzyl Alcohol	7.71	79	14883	2.18	ng	# 44
19) n-Nitroso-di-n-propylamine	8.40	70	117622	16.83	ng	# 72
31) Naphthalene	9.55	128	129251	5.01	ng	99
49) Dimethylphthalate	12.00	163	48342	2.41	ng	100
51) Acenaphthene	12.40	154	43241	2.76	ng	97

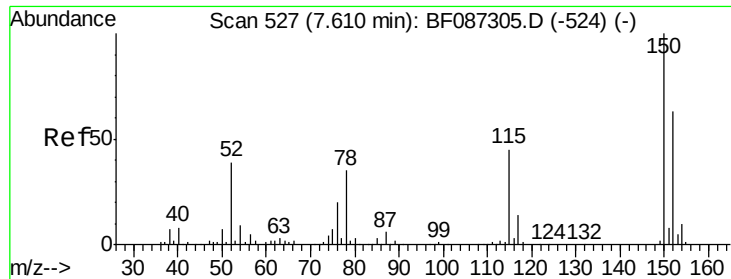
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF087455.D

Acq: 27 May 2016 22:02

Instrument :

BNA_F

ClientSampleId :

E-5GW

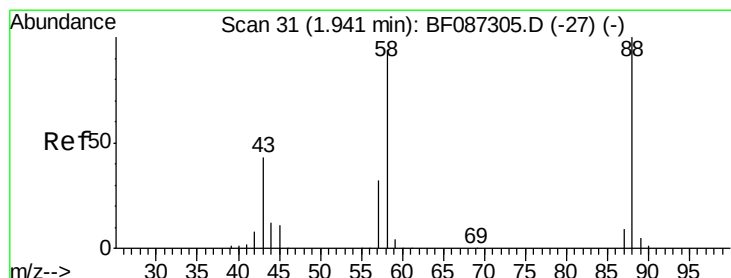
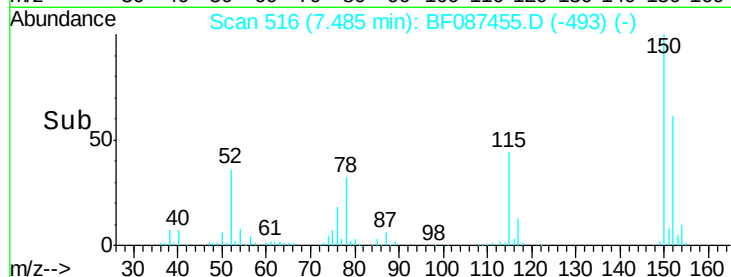
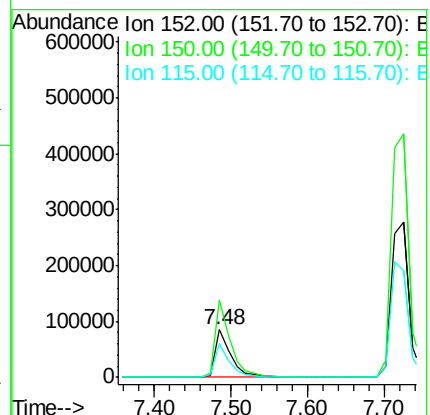
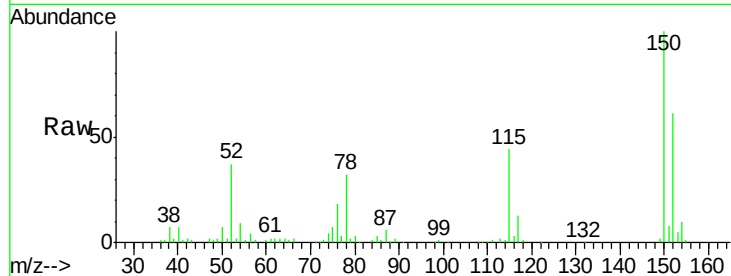
Tgt Ion:152 Resp: 121838

Ion Ratio Lower Upper

152 100

150 162.9 125.8 188.6

115 71.2 51.5 77.3



#2

1,4-Dioxane

Concen: 28.79 ng

RT: 1.63 min Scan# 4

Delta R.T. -0.18 min

Lab File: BF087455.D

Acq: 27 May 2016 22:02

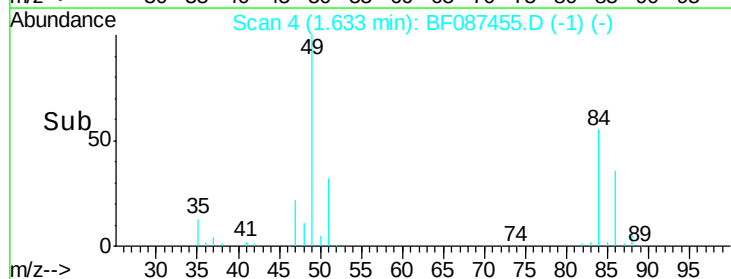
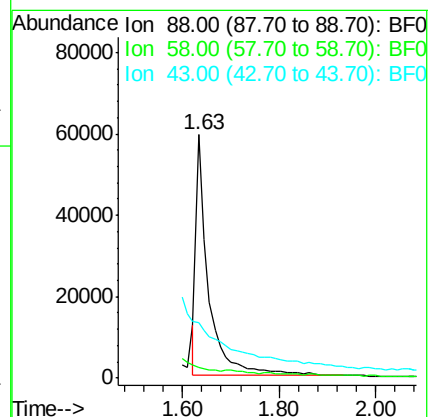
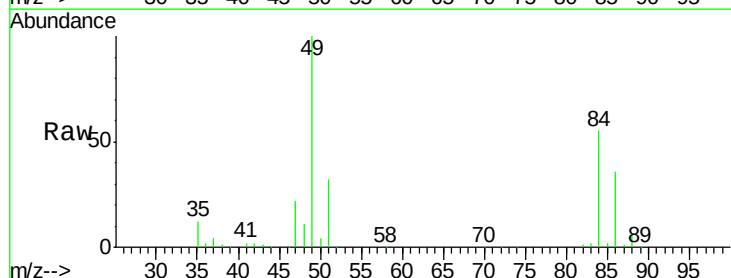
Tgt Ion: 88 Resp: 105325

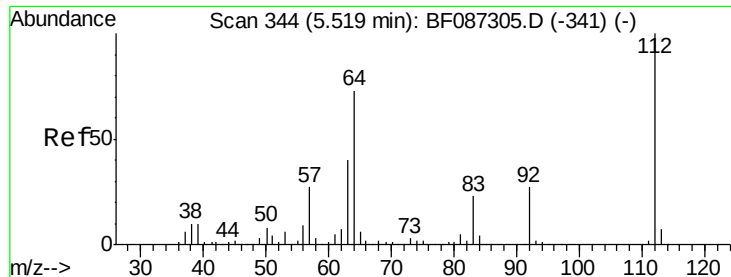
Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

43 0.0 21.8 32.6#

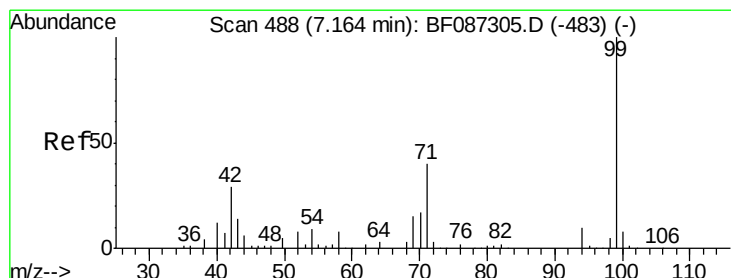
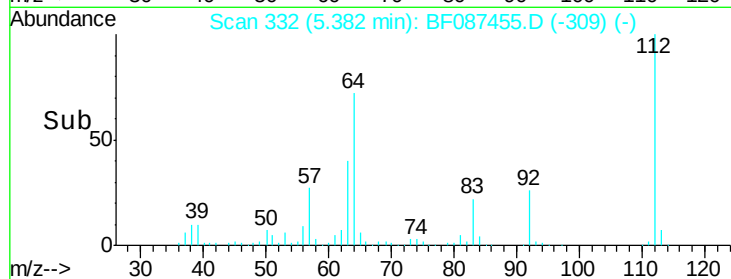
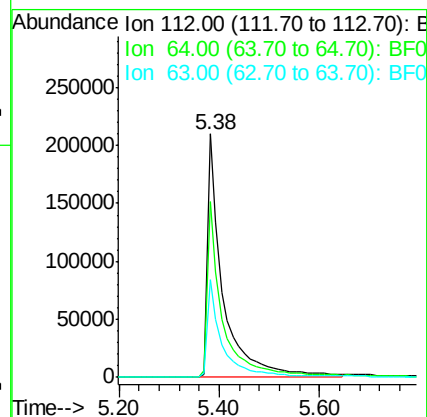
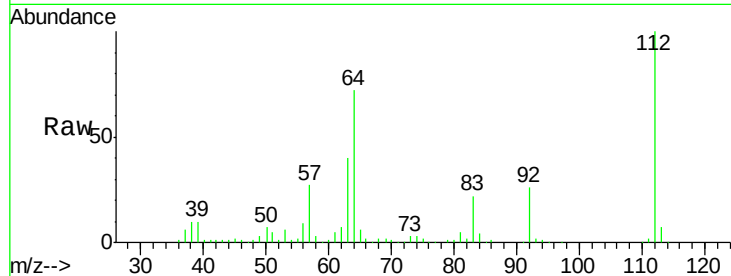




#5
 2-Fluorophenol
 Concen: 65.21 ng
 RT: 5.38 min Scan# 332
 Delta R.T. -0.03 min
 Lab File: BF087455.D
 Acq: 27 May 2016 22:02

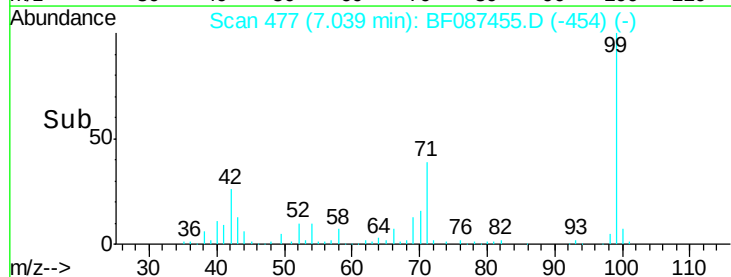
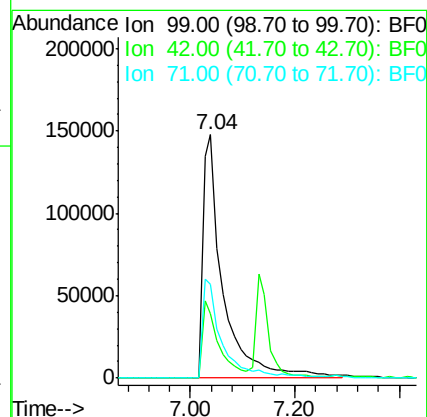
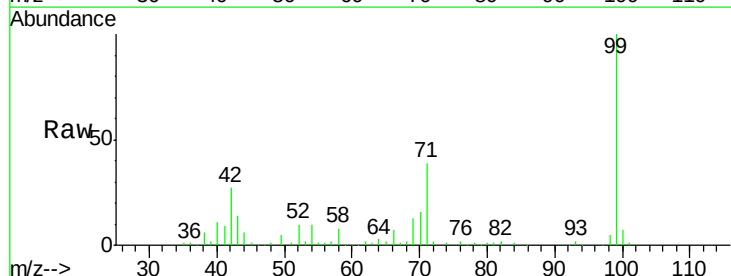
Instrument :
 BNA_F
 ClientSampled :
 E-5GW

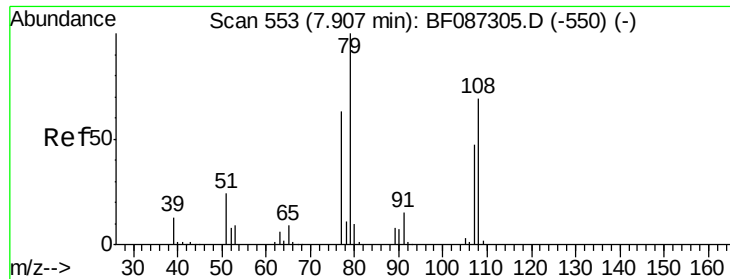
Tgt Ion: 112 Resp: 452178
 Ion Ratio Lower Upper
 112 100
 64 72.3 52.1 78.1
 63 40.3 25.7 38.5#



#7
 Phenol-d6
 Concen: 42.16 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.03 min
 Lab File: BF087455.D
 Acq: 27 May 2016 22:02

Tgt Ion: 99 Resp: 394995
 Ion Ratio Lower Upper
 99 100
 42 26.7 13.6 20.4#
 71 38.7 24.6 36.8#





#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.10 min

Lab File: BF087455.D

Acq: 27 May 2016 22:02

Instrument :

BNA_F

ClientSampleId :

E-5GW

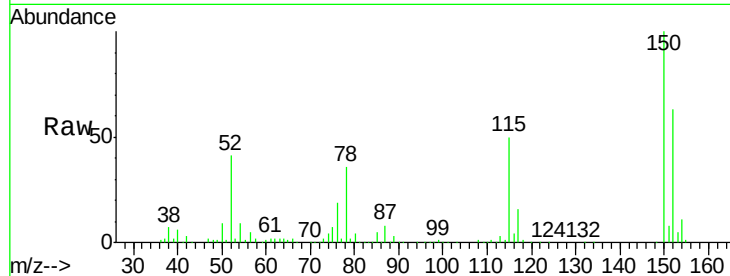
Tgt Ion: 79 Resp: 14883

Ion Ratio Lower Upper

79 100

108 29.4 68.4 102.6#

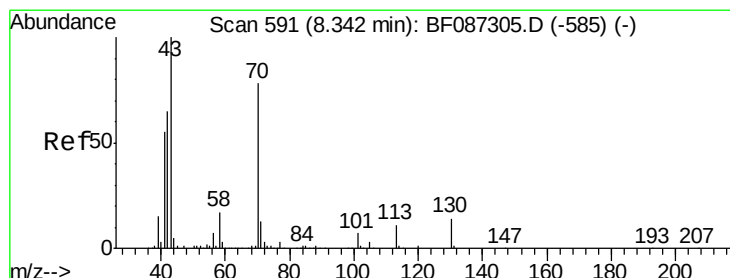
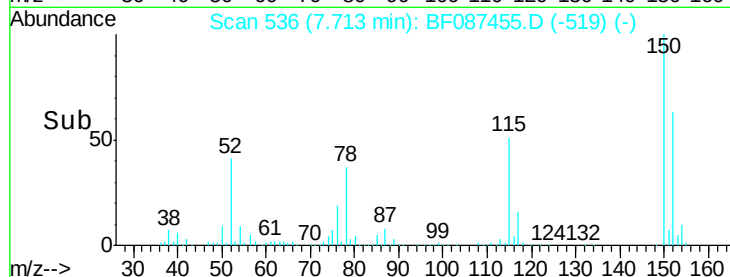
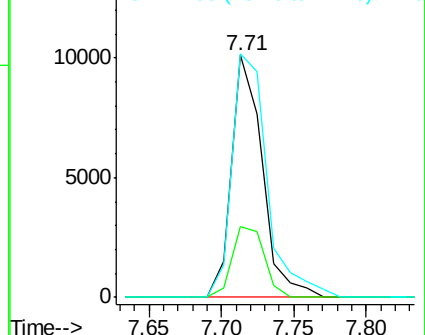
77 100.6 50.6 76.0#



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: 16.83 ng

RT: 8.40 min Scan# 596

Delta R.T. 0.15 min

Lab File: BF087455.D

Acq: 27 May 2016 22:02

Tgt Ion: 70 Resp: 117622

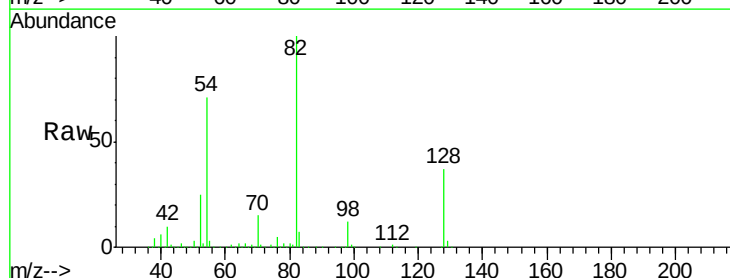
Ion Ratio Lower Upper

70 100

42 68.8 43.1 64.7#

101 0.0 8.1 12.1#

130 1.6 18.6 28.0#

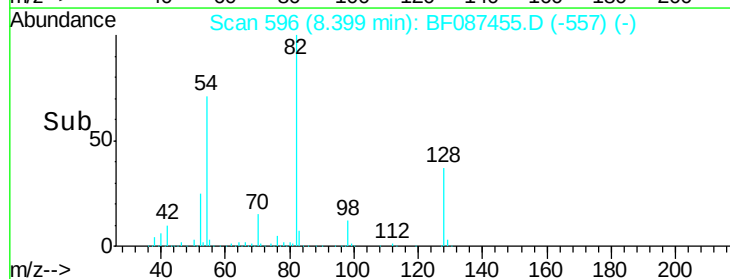
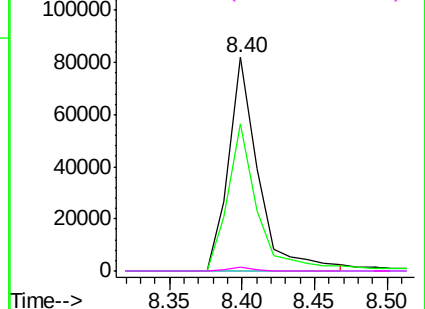


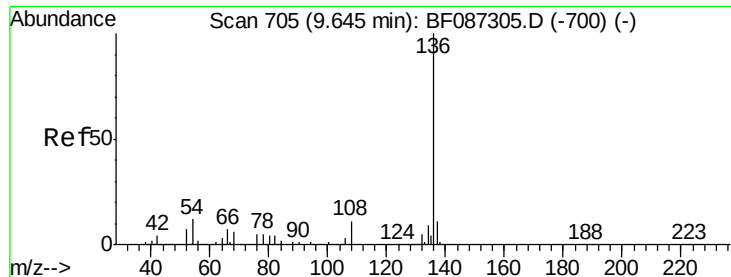
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF087455.D

Acq: 27 May 2016 22:02

Instrument :

BNA_F

ClientSampled :

E-5GW

Tgt Ion:136 Resp: 514340

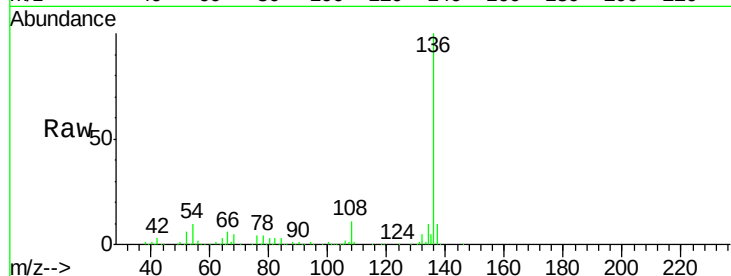
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 10.4 5.0 7.4#

68 5.2 4.4 6.6

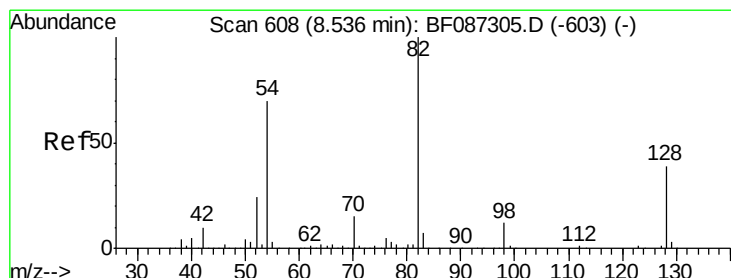
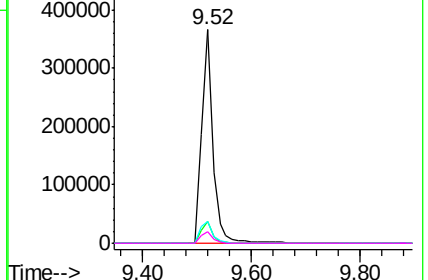
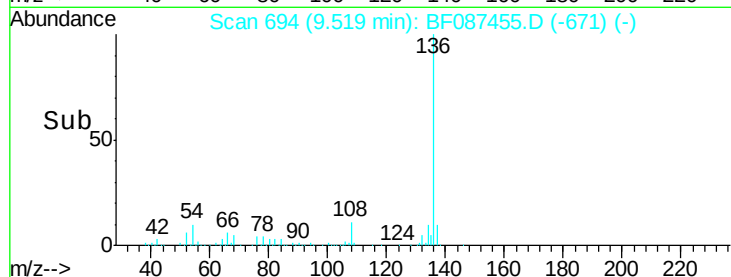


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.68 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF087455.D

Acq: 27 May 2016 22:02

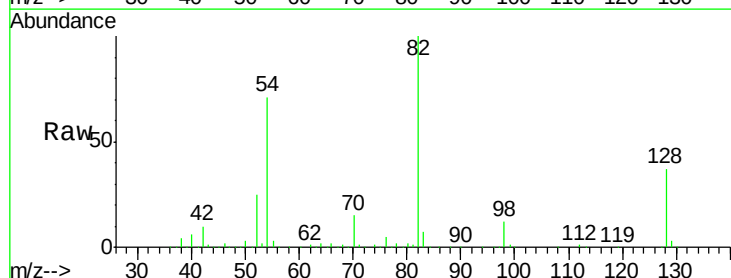
Tgt Ion: 82 Resp: 874445

Ion Ratio Lower Upper

82 100

128 37.3 40.6 61.0#

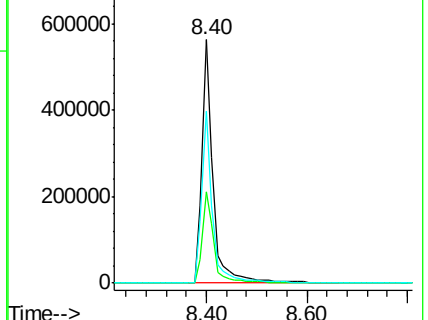
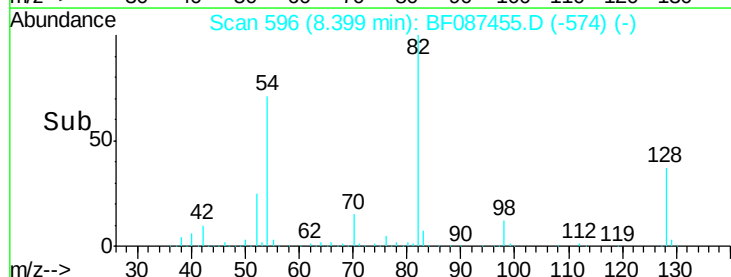
54 70.8 38.1 57.1#

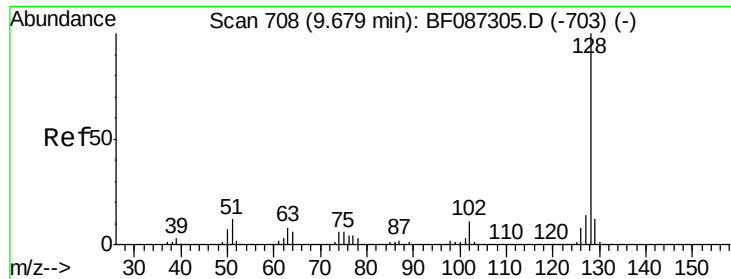


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

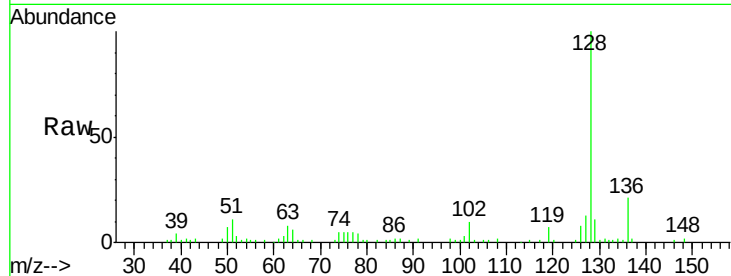




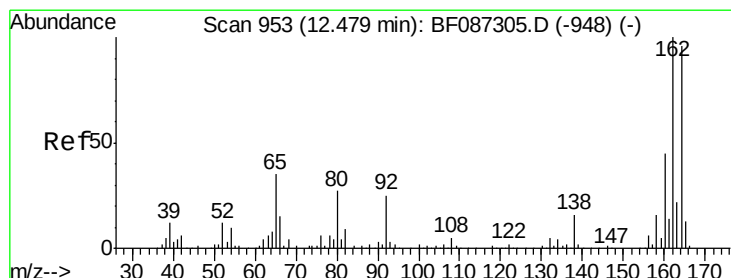
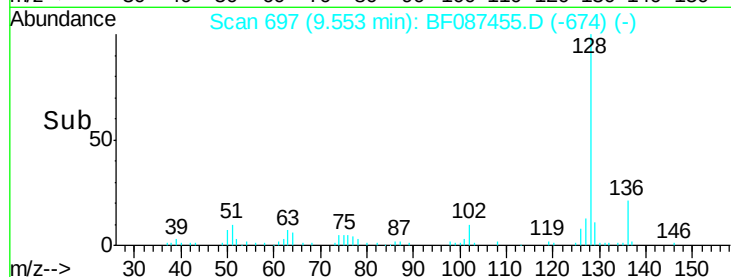
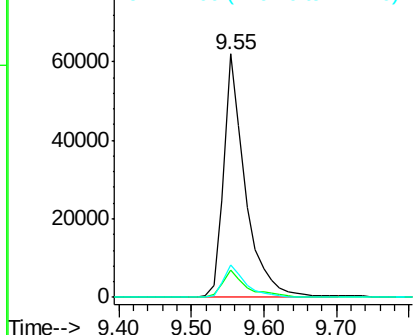
#31
Naphthalene
Concen: 5.01 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF087455.D
Acq: 27 May 2016 22:02

Instrument :
BNA_F
ClientSampleId :
E-5GW

Tgt Ion:128 Resp: 129251
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.8 16.2

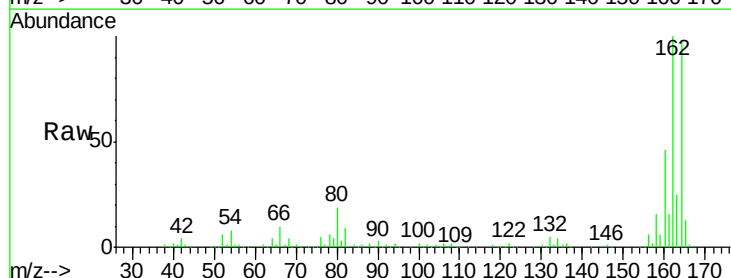


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

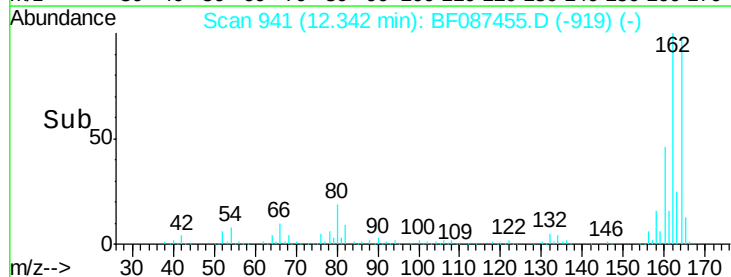
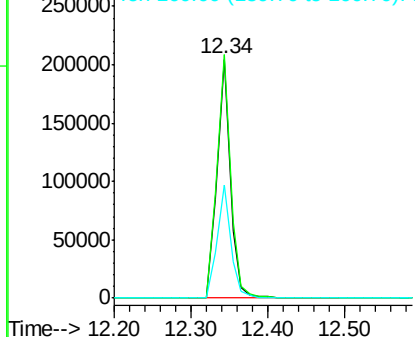


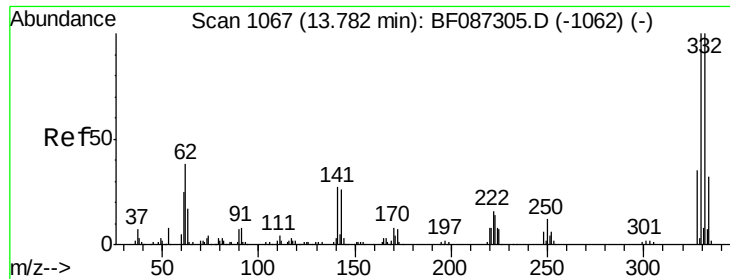
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.34 min Scan# 941
Delta R.T. -0.05 min
Lab File: BF087455.D
Acq: 27 May 2016 22:02

Tgt Ion:164 Resp: 250169
Ion Ratio Lower Upper
164 100
162 102.0 82.8 124.2
160 47.2 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

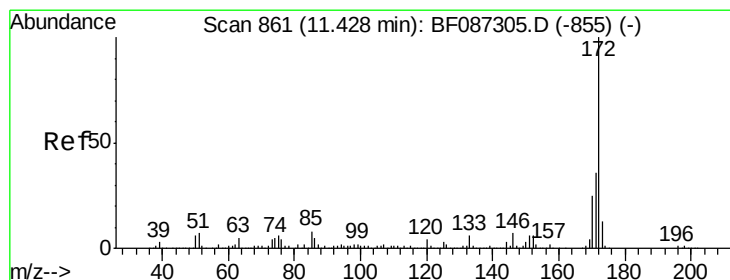
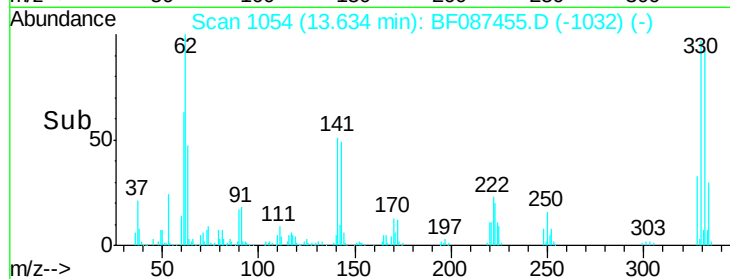
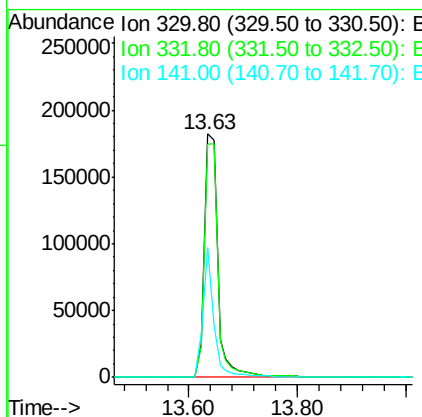
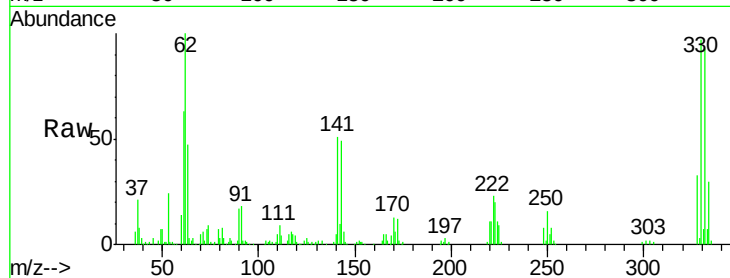




#41
 2,4,6-Tribromophenol
 Concen: 131.24 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087455.D
 Acq: 27 May 2016 22:02

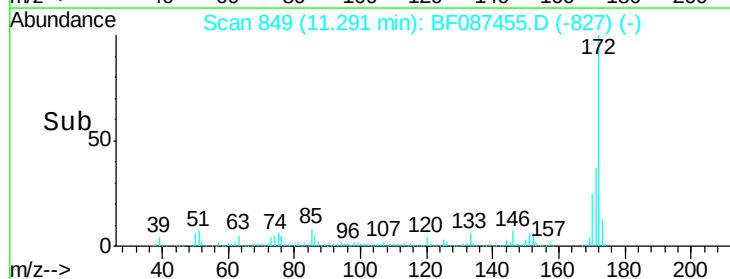
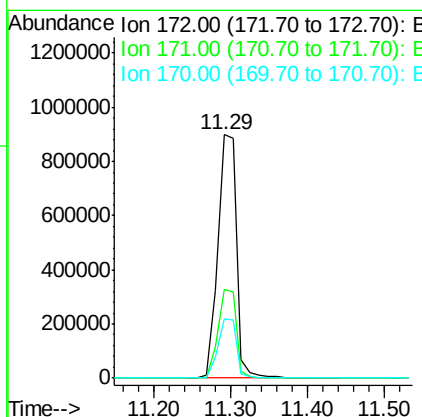
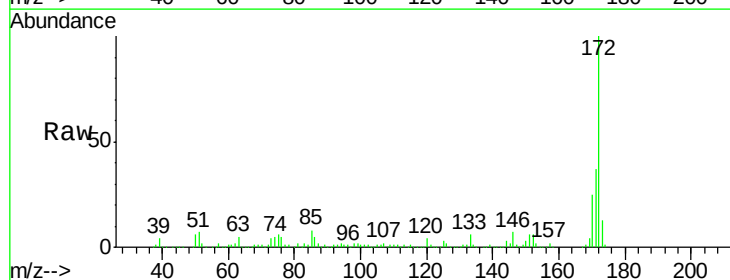
Instrument :
 BNA_F
 ClientSampled :
 E-5GW

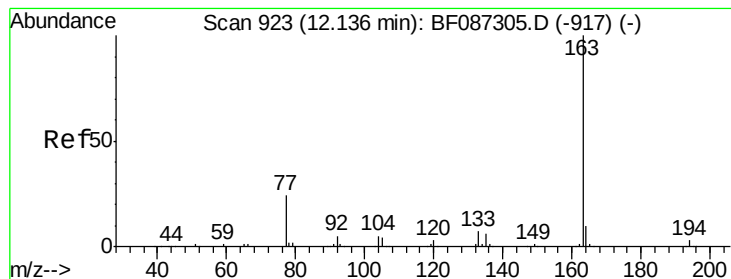
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	43.5	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 86.76 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.05 min
 Lab File: BF087455.D
 Acq: 27 May 2016 22:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.5	19.8	29.8





#49

Dimethylphthalate

Concen: 2.41 ng

RT: 12.00 min Scan# 911

Delta R.T. -0.05 min

Lab File: BF087455.D

Acq: 27 May 2016 22:02

Instrument :

BNA_F

ClientSampleId :

E-5GW

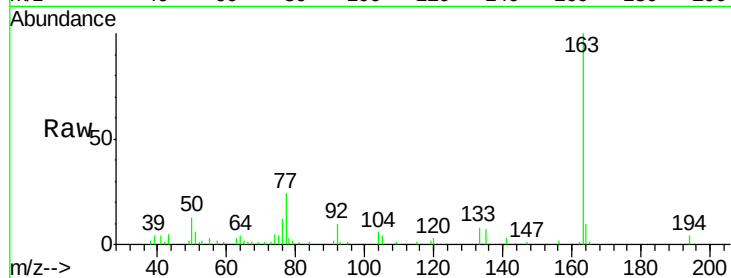
Tgt Ion:163 Resp: 48342

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

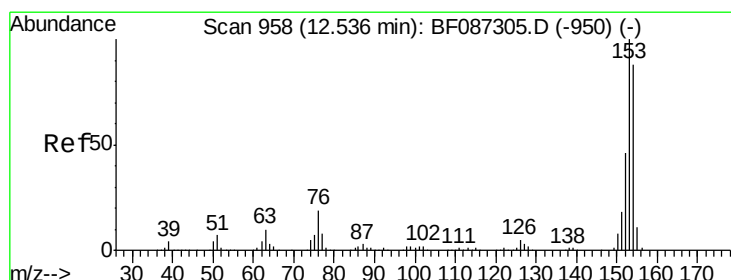
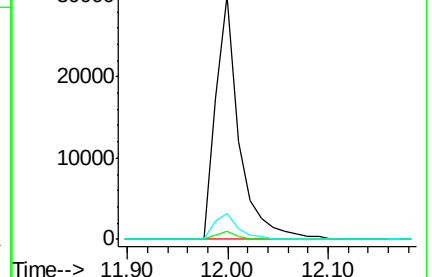
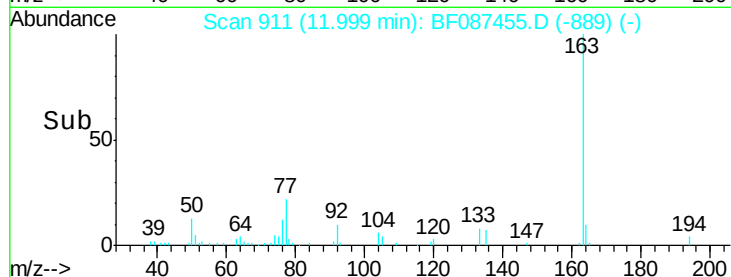
164 10.4 8.2 12.4



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



#51

Acenaphthene

Concen: 2.76 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.03 min

Lab File: BF087455.D

Acq: 27 May 2016 22:02

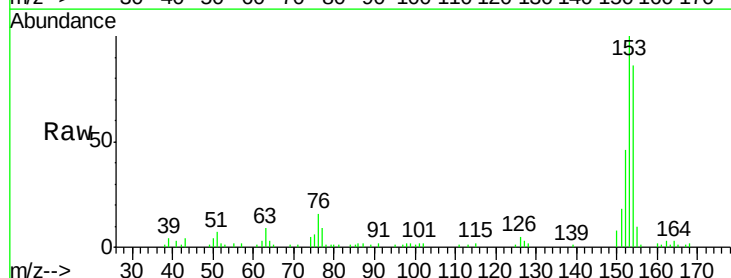
Tgt Ion:154 Resp: 43241

Ion Ratio Lower Upper

154 100

153 116.9 89.8 134.6

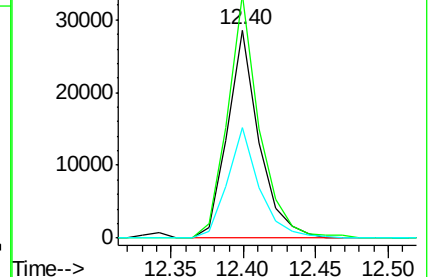
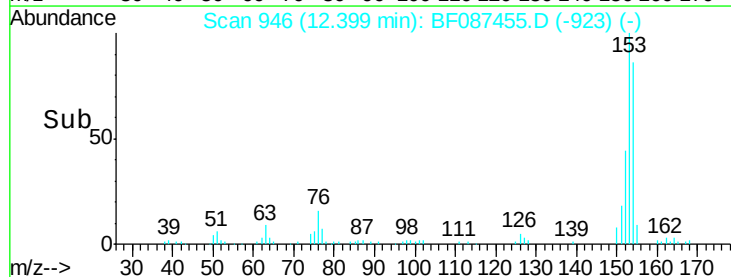
152 53.3 43.4 65.0

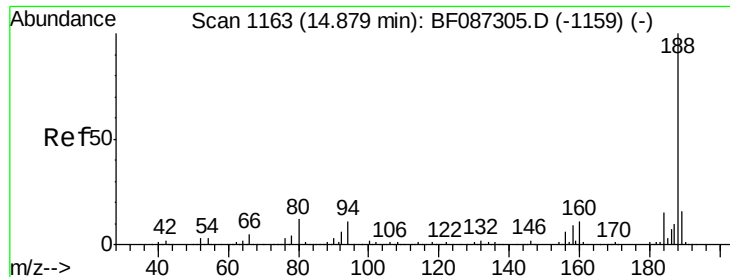


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

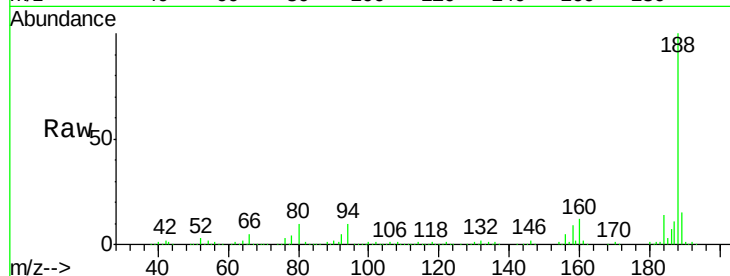




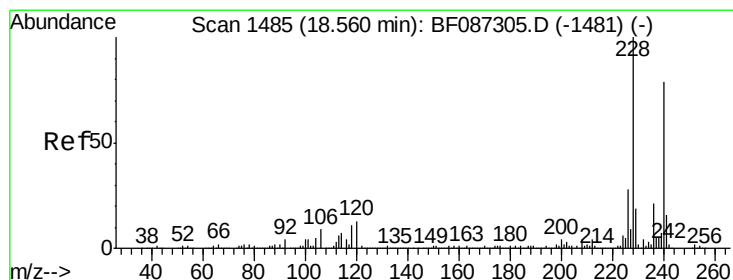
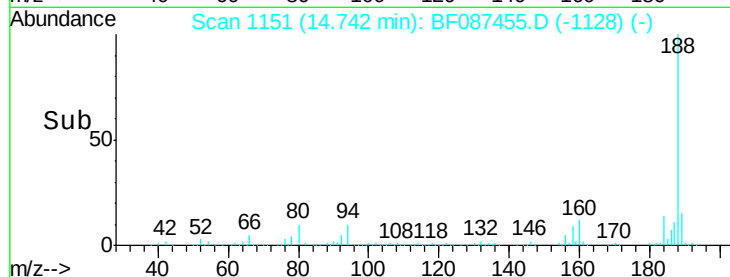
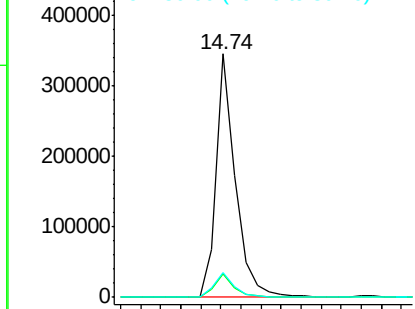
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087455.D
Acq: 27 May 2016 22:02

Instrument :
BNA_F
ClientSampleId :
E-5GW

Tgt Ion:188 Resp: 458968
Ion Ratio Lower Upper
188 100
94 9.7 6.8 10.2
80 10.4 7.1 10.7

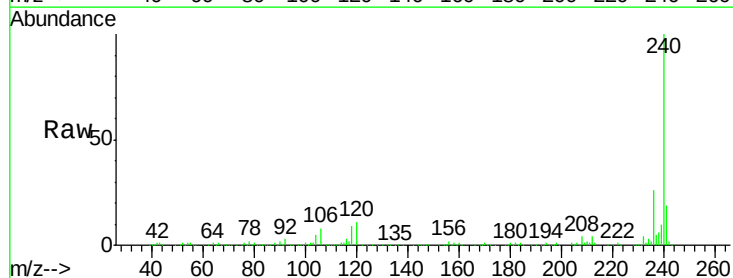


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

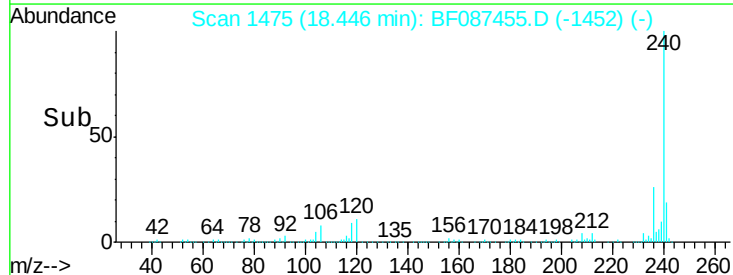
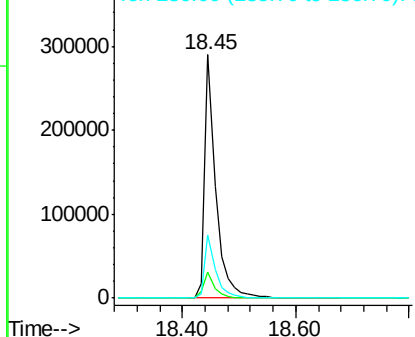


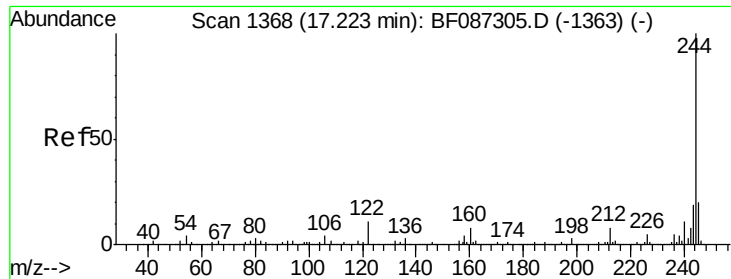
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.03 min
Lab File: BF087455.D
Acq: 27 May 2016 22:02

Tgt Ion:240 Resp: 376034
Ion Ratio Lower Upper
240 100
120 10.7 11.2 16.8#
236 25.7 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: 73.95 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.03 min

Lab File: BF087455.D

Acq: 27 May 2016 22:02

Instrument :

BNA_F

ClientSampleId :

E-5GW

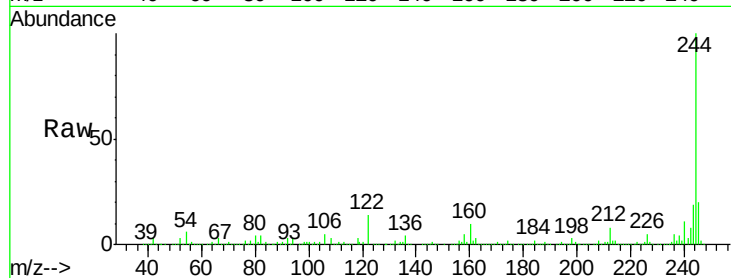
Tgt Ion:244 Resp: 1307916

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

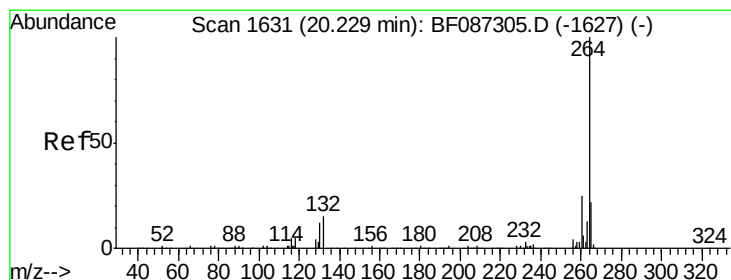
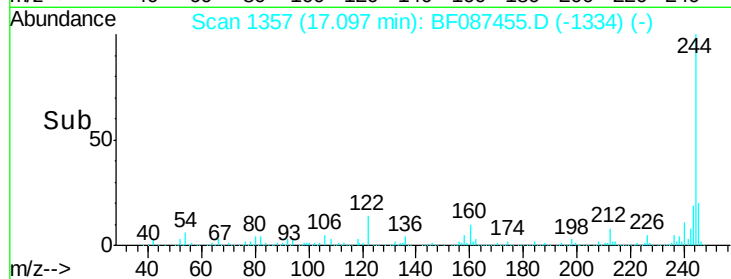
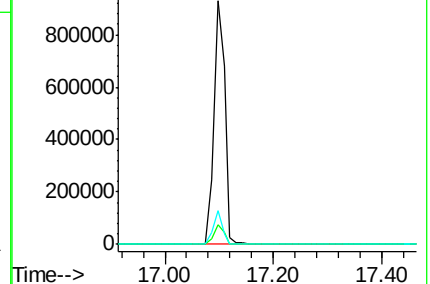
122 13.8 12.0 18.0



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: BF087455.D

Acq: 27 May 2016 22:02

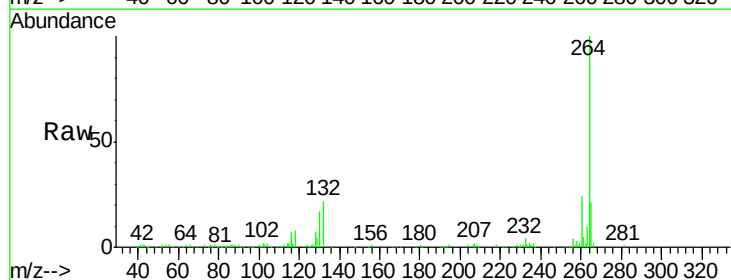
Tgt Ion:264 Resp: 263111

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.3 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

