

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087558.D
 Acq On : 30 May 2016 19:21
 Operator : UM/SJ
 Sample : H3317-13
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-04

Quant Time: May 31 00:42:12 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

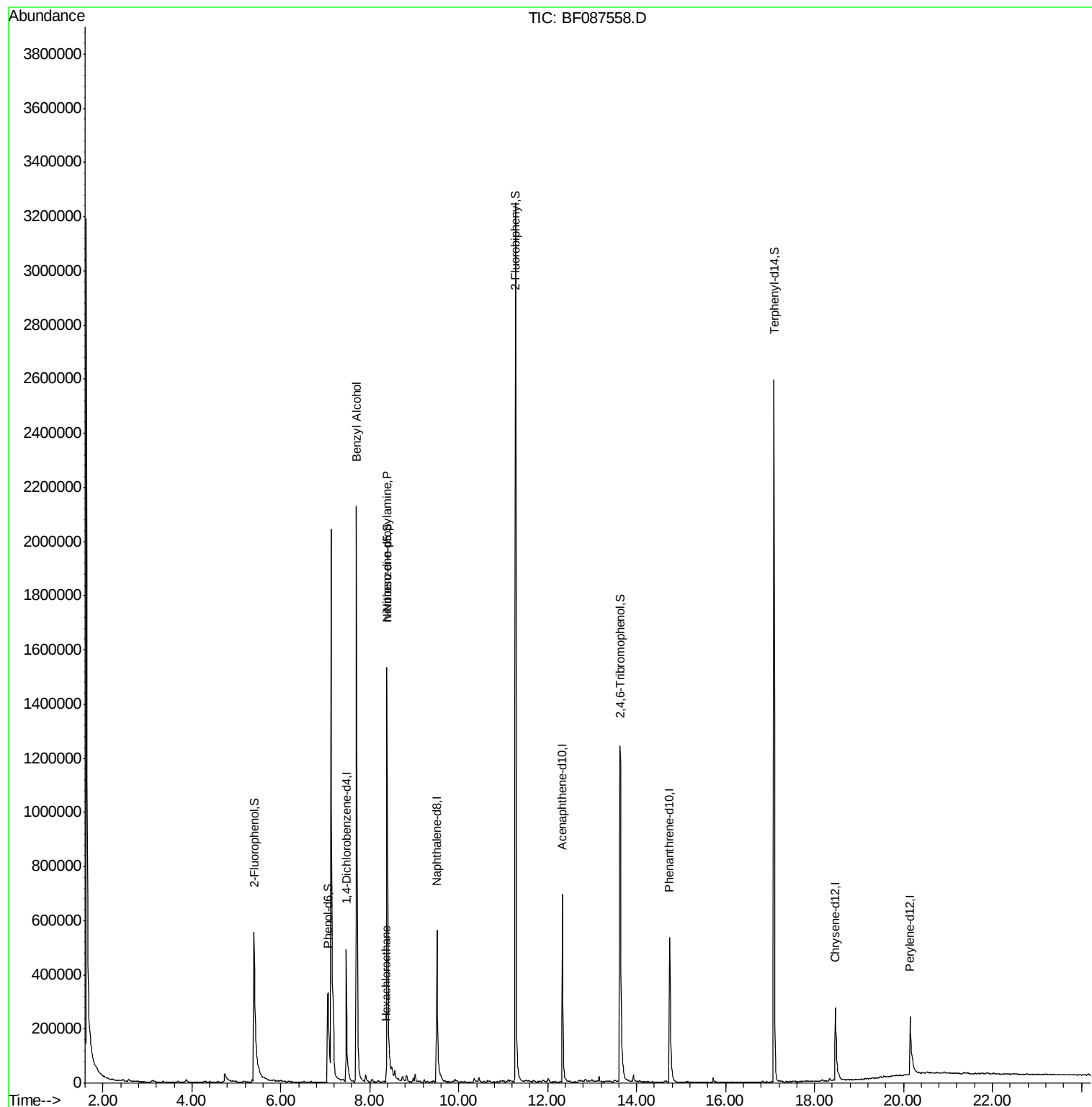
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	104256	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	425359	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	199076	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	351559	20.00	ng	-0.03
75) Chrysene-d12	18.47	240	230920	20.00	ng	-0.01
86) Perylene-d12	20.15	264	207769	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	381525	64.30	ng	-0.02
7) Phenol-d6	7.06	99	323439	40.34	ng	-0.01
23) Nitrobenzene-d5	8.39	82	774881	91.81	ng	-0.06
41) 2,4,6-Tribromophenol	13.63	330	247203	129.22	ng	-0.05
44) 2-Fluorobiphenyl	11.28	172	1274549	90.26	ng	-0.06
78) Terphenyl-d14	17.09	244	999278	92.00	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	7.70	79	14059	2.41	ng	# 42
18) Hexachloroethane	8.38	117	9792	3.17	ng	# 6
19) n-Nitroso-di-n-propylamine	8.39	70	100296	16.77	ng	# 70

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

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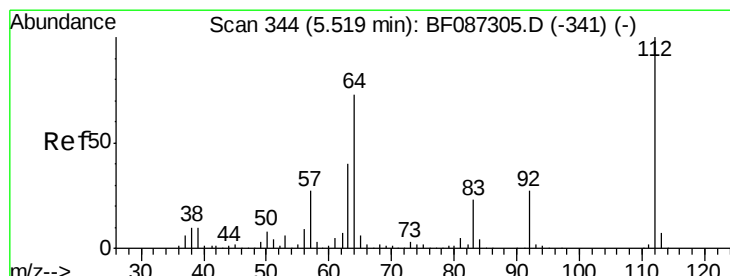
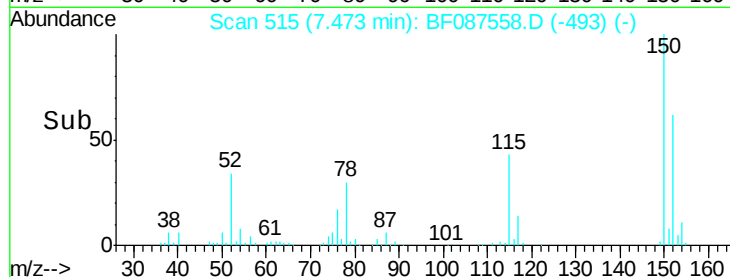
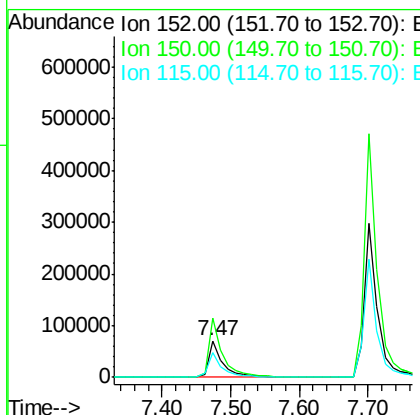
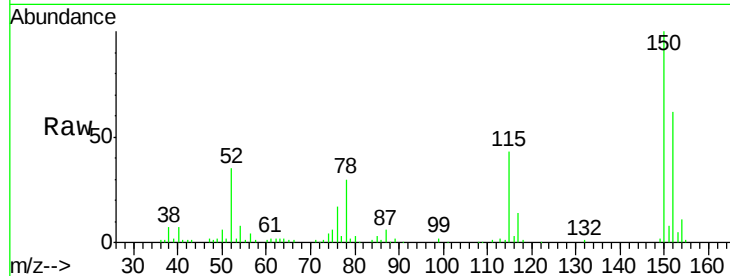


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.05 min
Lab File: BF087558.D
Acq: 30 May 2016 19:21

Instrument :
BNA_F
ClientSampleId :
GMW-04

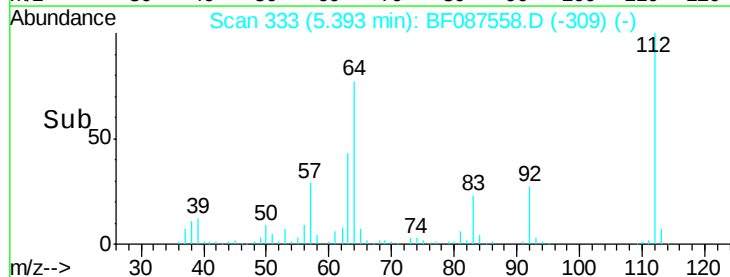
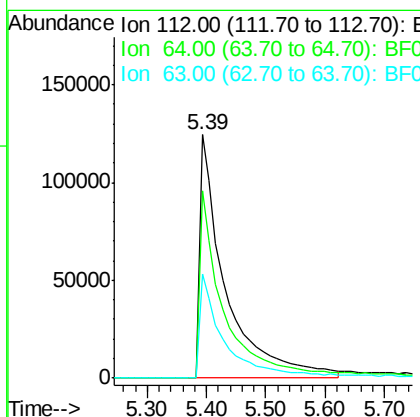
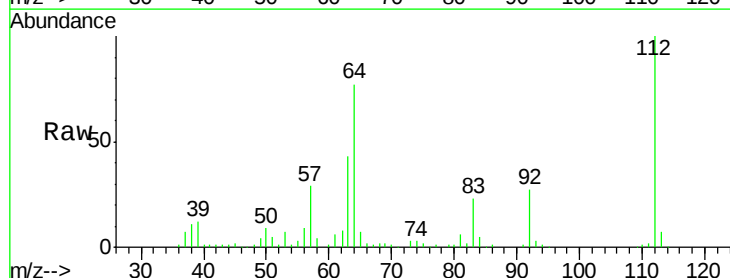
Tgt Ion:152 Resp: 104256
Ion Ratio Lower Upper
152 100
150 160.3 125.8 188.6
115 68.4 51.5 77.3



#5

2-Fluorophenol
Concen: 64.30 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.02 min
Lab File: BF087558.D
Acq: 30 May 2016 19:21

Tgt Ion:112 Resp: 381525
Ion Ratio Lower Upper
112 100
64 77.2 52.1 78.1
63 42.6 25.7 38.5#





#7

Phenol-d6

Concen: 40.34 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087558.D

Acq: 30 May 2016 19:21

Instrument :

BNA_F

ClientSampled :

GMW-04

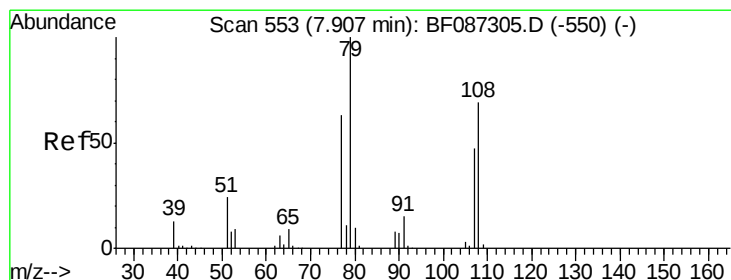
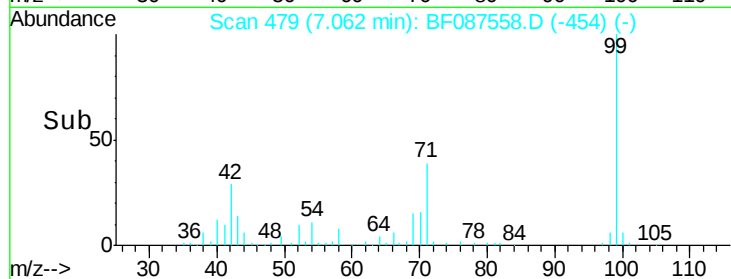
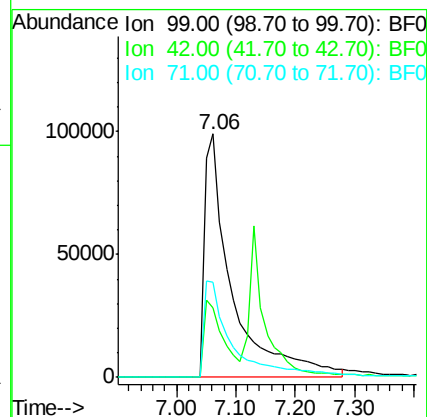
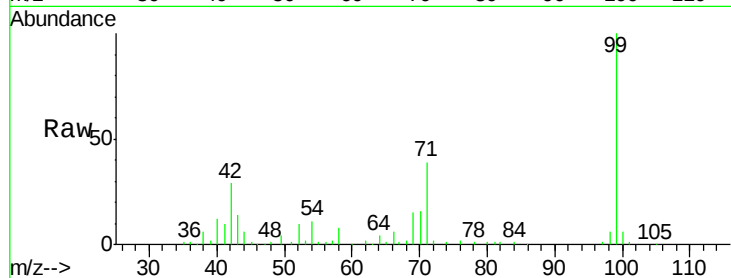
Tgt Ion: 99 Resp: 323439

Ion Ratio Lower Upper

99 100

42 28.6 13.6 20.4#

71 39.3 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.41 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.11 min

Lab File: BF087558.D

Acq: 30 May 2016 19:21

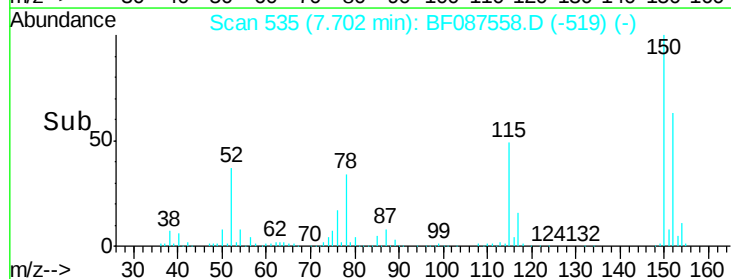
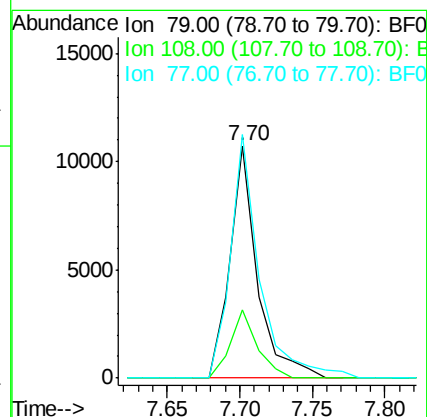
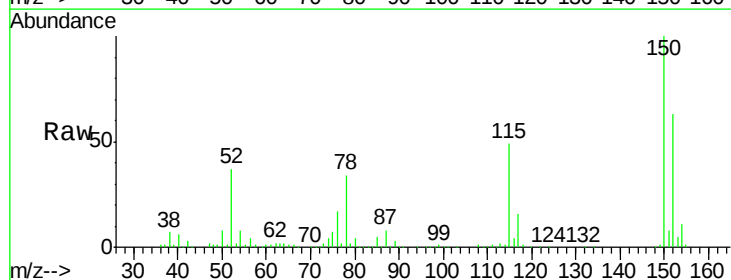
Tgt Ion: 79 Resp: 14059

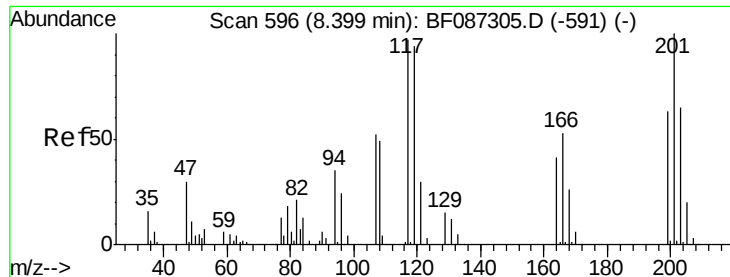
Ion Ratio Lower Upper

79 100

108 29.6 68.4 102.6#

77 104.8 50.6 76.0#





#18

Hexachloroethane

Concen: 3.17 ng

RT: 8.38 min Scan# 594

Delta R.T. 0.08 min

Lab File: BF087558.D

Acq: 30 May 2016 19:21

Instrument :

BNA_F

ClientSampleId :

GMW-04

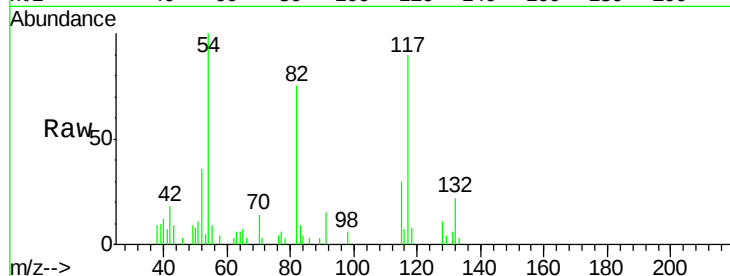
Tgt Ion: 117 Resp: 9792

Ion Ratio Lower Upper

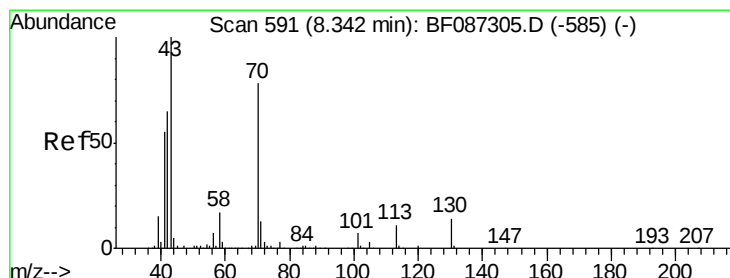
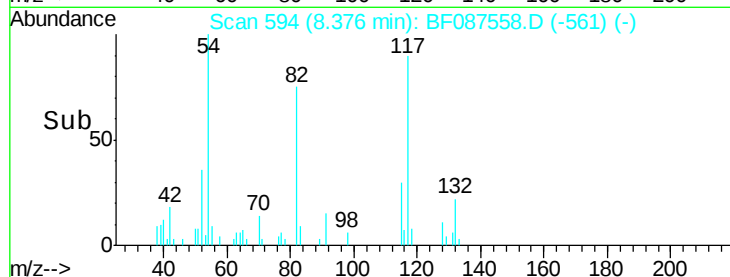
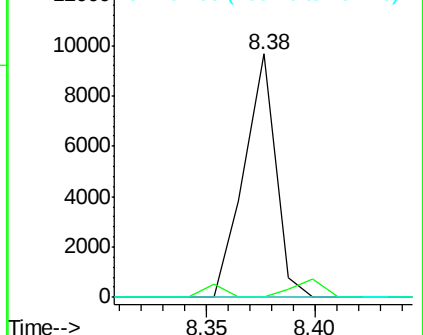
117 100

119 0.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.77 ng

RT: 8.39 min Scan# 595

Delta R.T. 0.14 min

Lab File: BF087558.D

Acq: 30 May 2016 19:21

Tgt Ion: 70 Resp: 100296

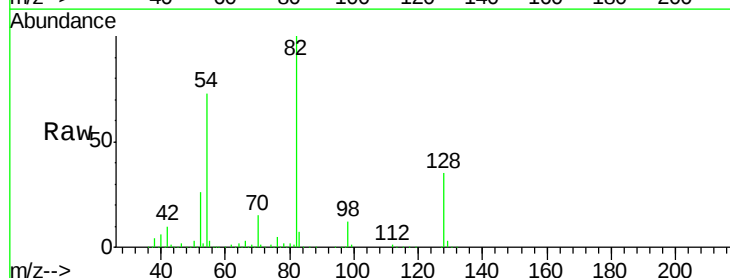
Ion Ratio Lower Upper

70 100

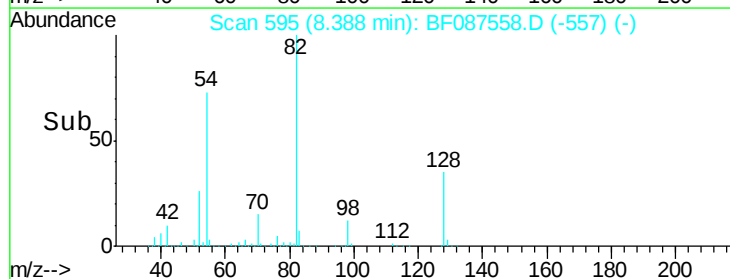
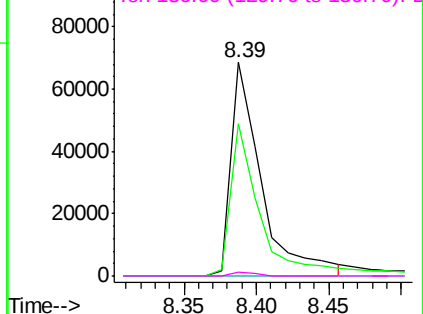
42 71.3 43.1 64.7#

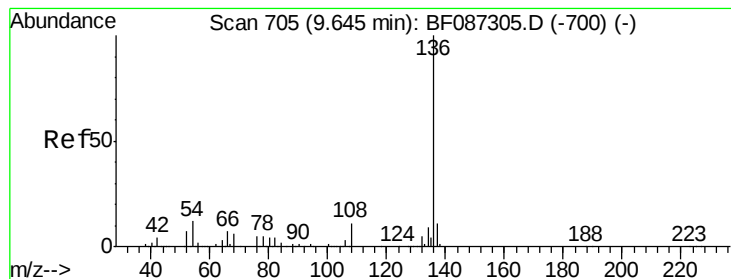
101 0.0 8.1 12.1#

130 1.7 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): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF087558.D

Acq: 30 May 2016 19:21

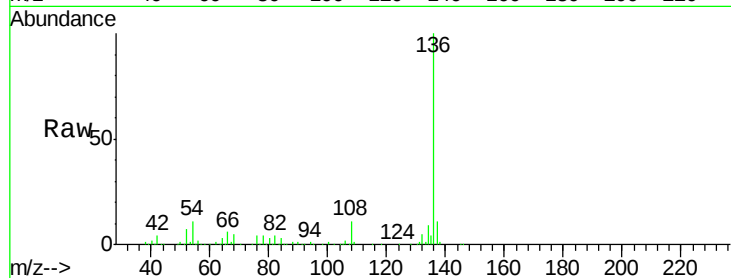
Instrument :

BNA_F

ClientSampleId :

GMW-04

Tgt Ion:	136	Resp:	425359
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.5	5.0	7.4#
68	5.0	4.4	6.6

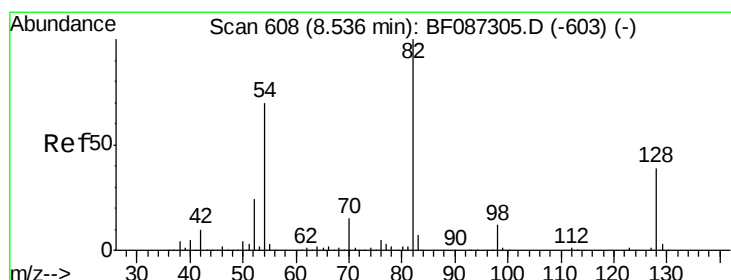
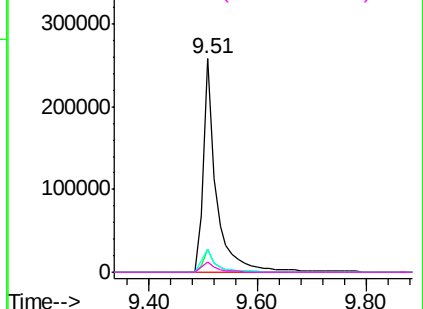
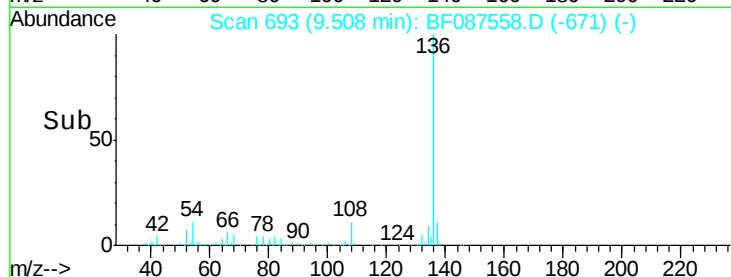


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.81 ng

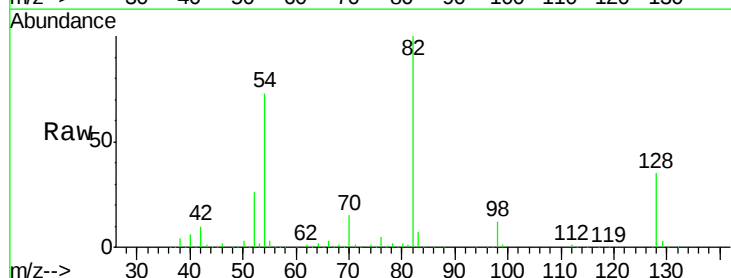
RT: 8.39 min Scan# 595

Delta R.T. -0.06 min

Lab File: BF087558.D

Acq: 30 May 2016 19:21

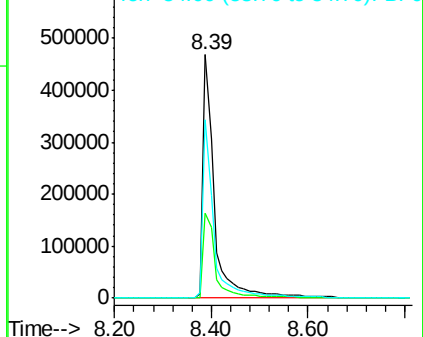
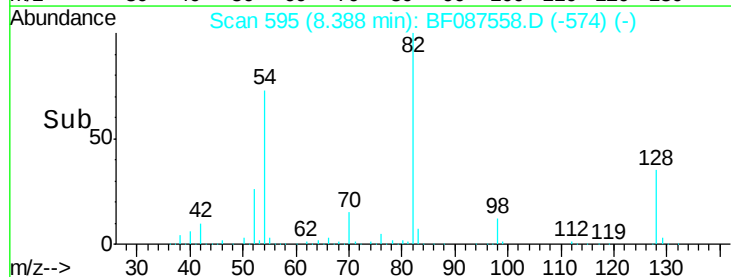
Tgt Ion:	82	Resp:	774881
Ion	Ratio	Lower	Upper
82	100		
128	35.0	40.6	61.0#
54	73.2	38.1	57.1#



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

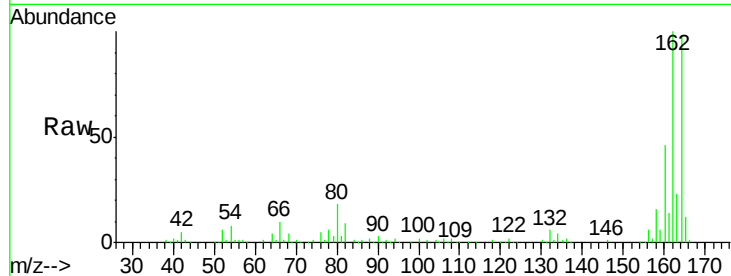




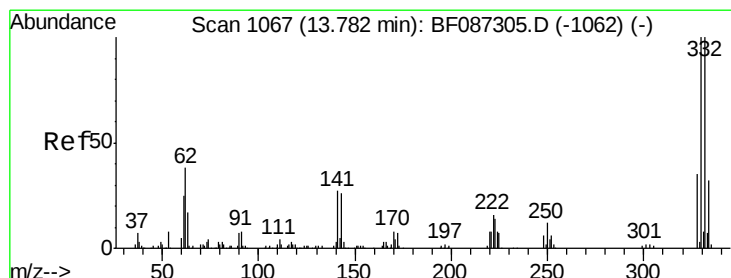
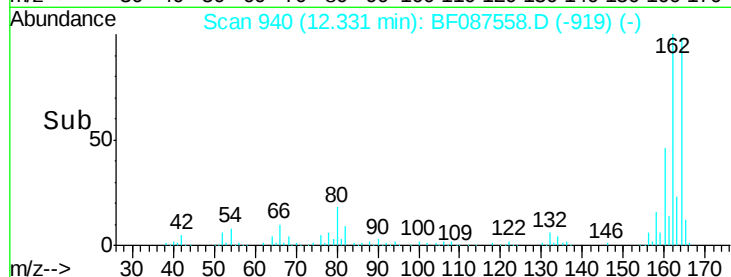
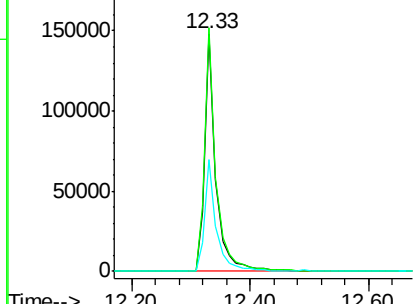
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.06 min
 Lab File: BF087558.D
 Acq: 30 May 2016 19:21

Instrument :
 BNA_F
 ClientSampleId :
 GMW-04

Tgt Ion:164 Resp: 199076
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.8 124.2
 160 47.1 36.9 55.3

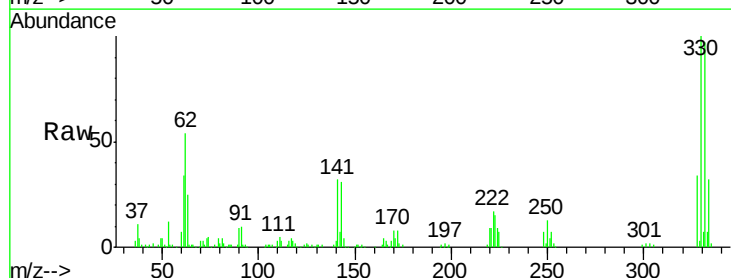


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

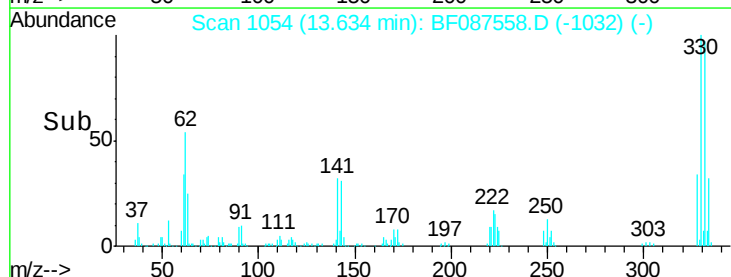
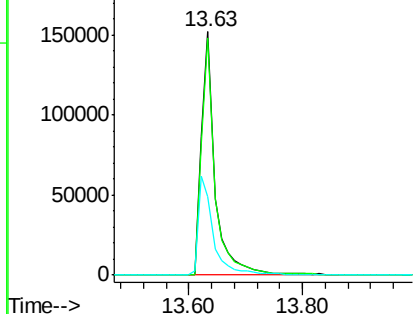


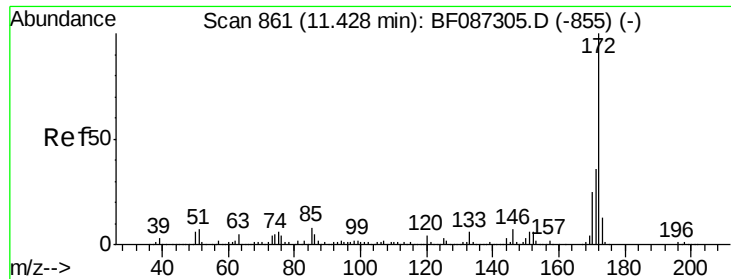
#41
 2,4,6-Tribromophenol
 Concen: 129.22 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087558.D
 Acq: 30 May 2016 19:21

Tgt Ion:330 Resp: 247203
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 45.0 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

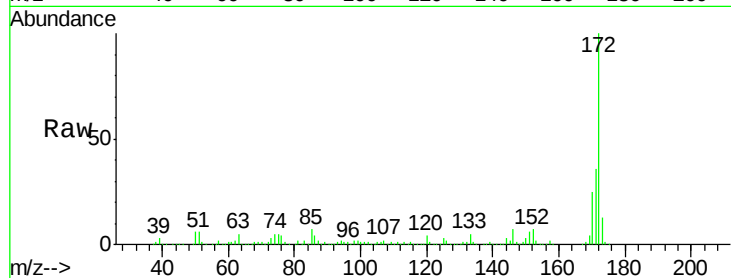




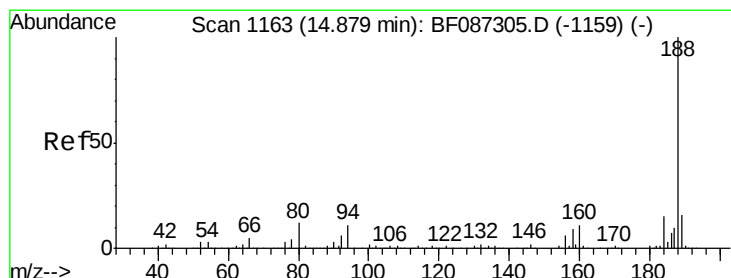
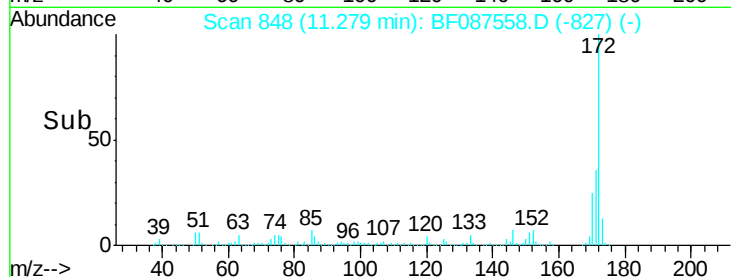
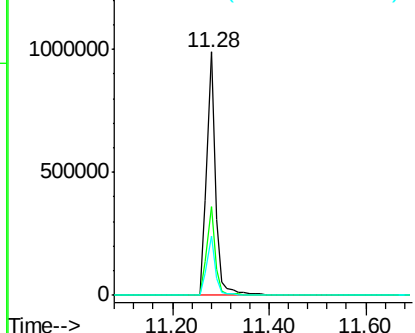
#44
 2-Fluorobiphenyl
 Concen: 90.26 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.06 min
 Lab File: BF087558.D
 Acq: 30 May 2016 19:21

Instrument :
 BNA_F
 ClientSampleId :
 GMW-04

Tgt Ion:172 Resp: 1274549
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.6 19.8 29.8

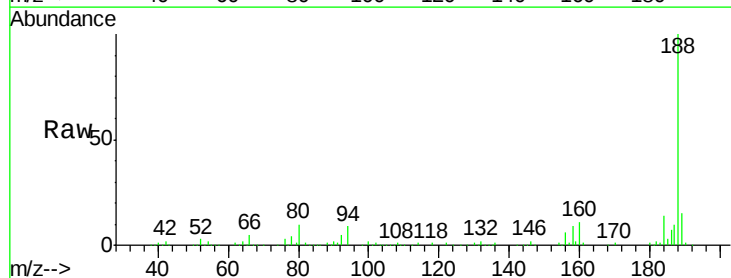


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

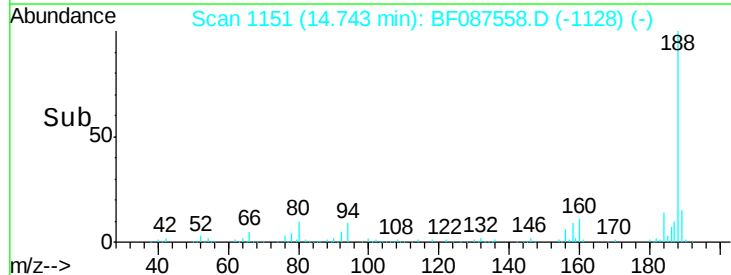
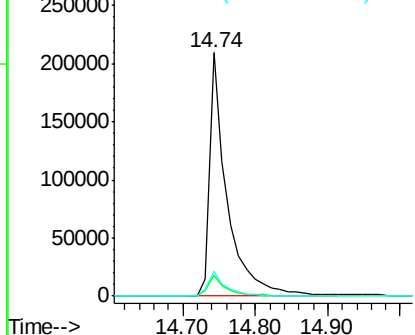


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF087558.D
 Acq: 30 May 2016 19:21

Tgt Ion:188 Resp: 351559
 Ion Ratio Lower Upper
 188 100
 94 8.6 6.8 10.2
 80 10.0 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087558.D

Acq: 30 May 2016 19:21

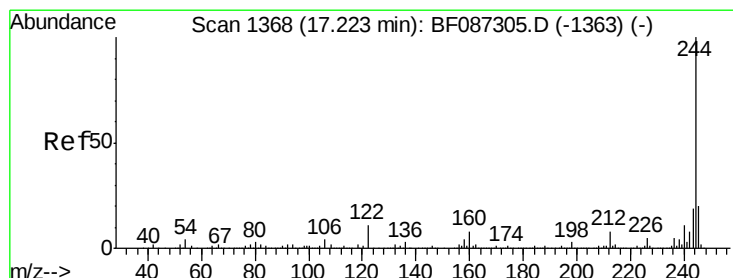
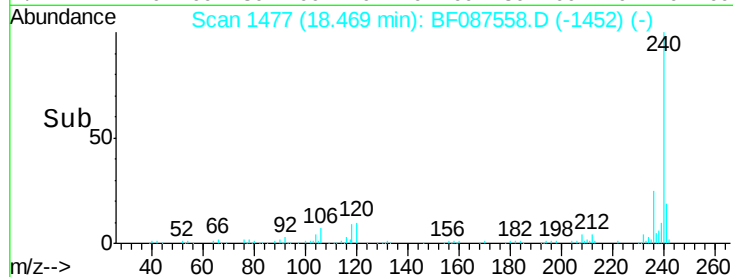
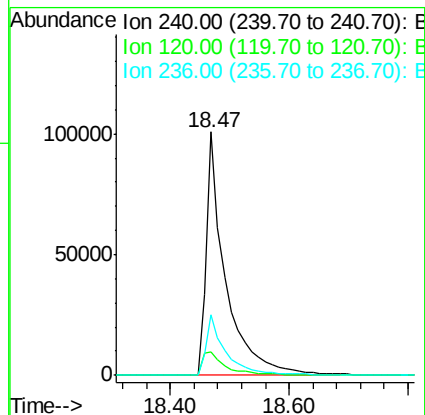
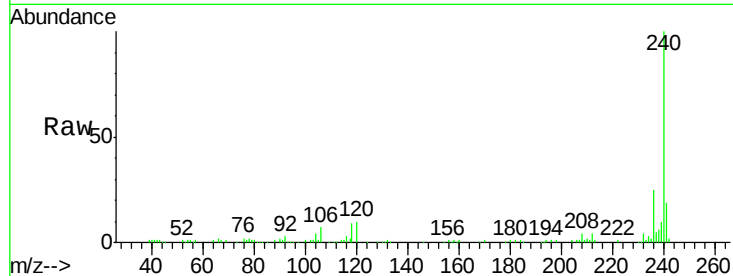
Instrument :

BNA_F

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Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	11.2	16.8#
236	24.9	21.2	31.8



#78

Terphenyl-d14

Concen: 92.00 ng

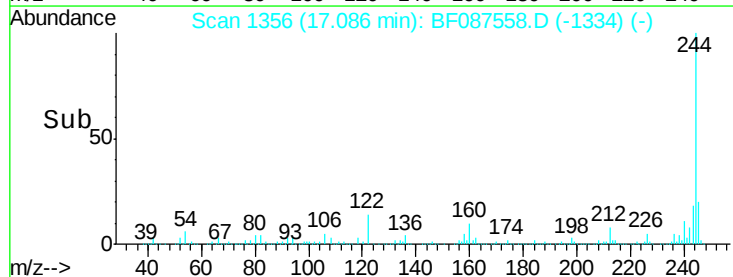
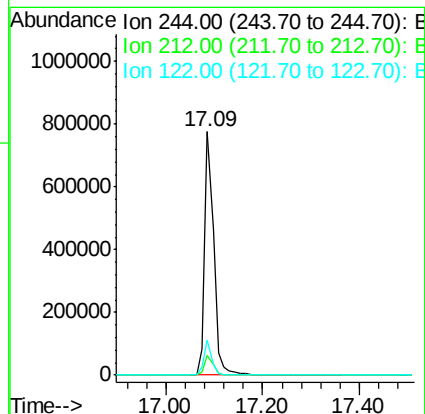
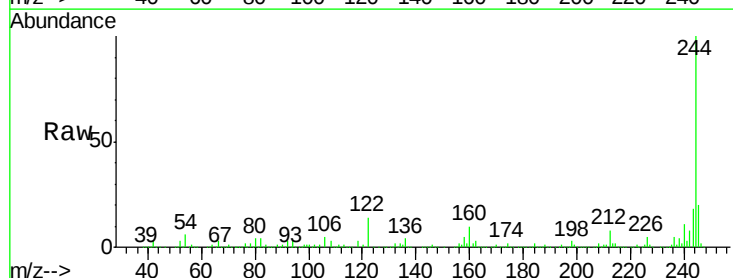
RT: 17.09 min Scan# 1356

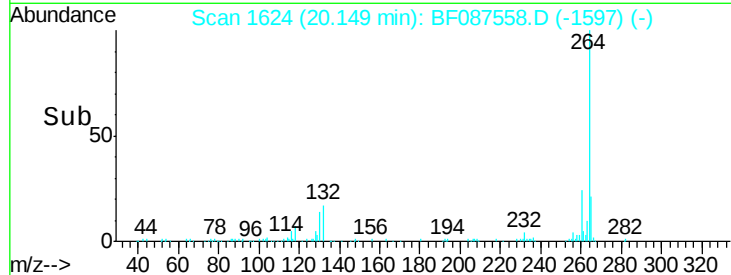
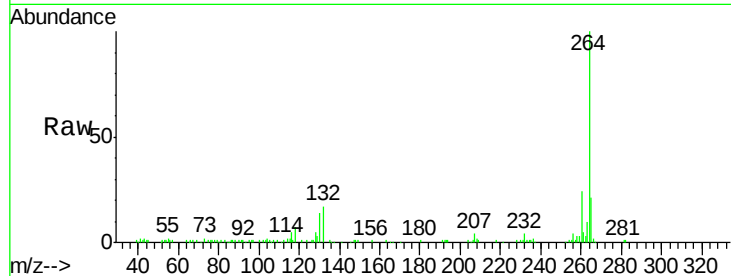
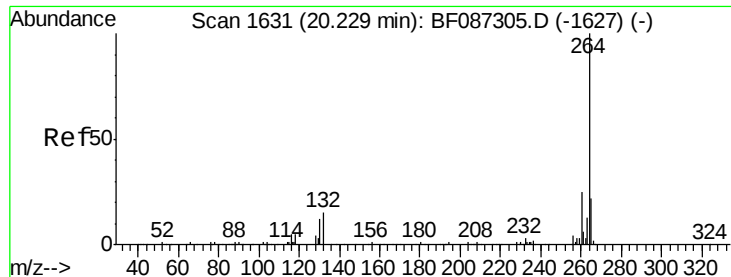
Delta R.T. -0.05 min

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Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	14.1	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: BF087558.D
Acq: 30 May 2016 19:21

Instrument :
BNA_F
ClientSampleId :
GMW-04

Tgt Ion:	264	Resp:	207769
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.0	17.3	25.9

