

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087534.D
 Acq On : 30 May 2016 3:58
 Operator : UM/SJ
 Sample : H3268-03
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-1437(0-4)

Quant Time: May 30 06:50:12 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

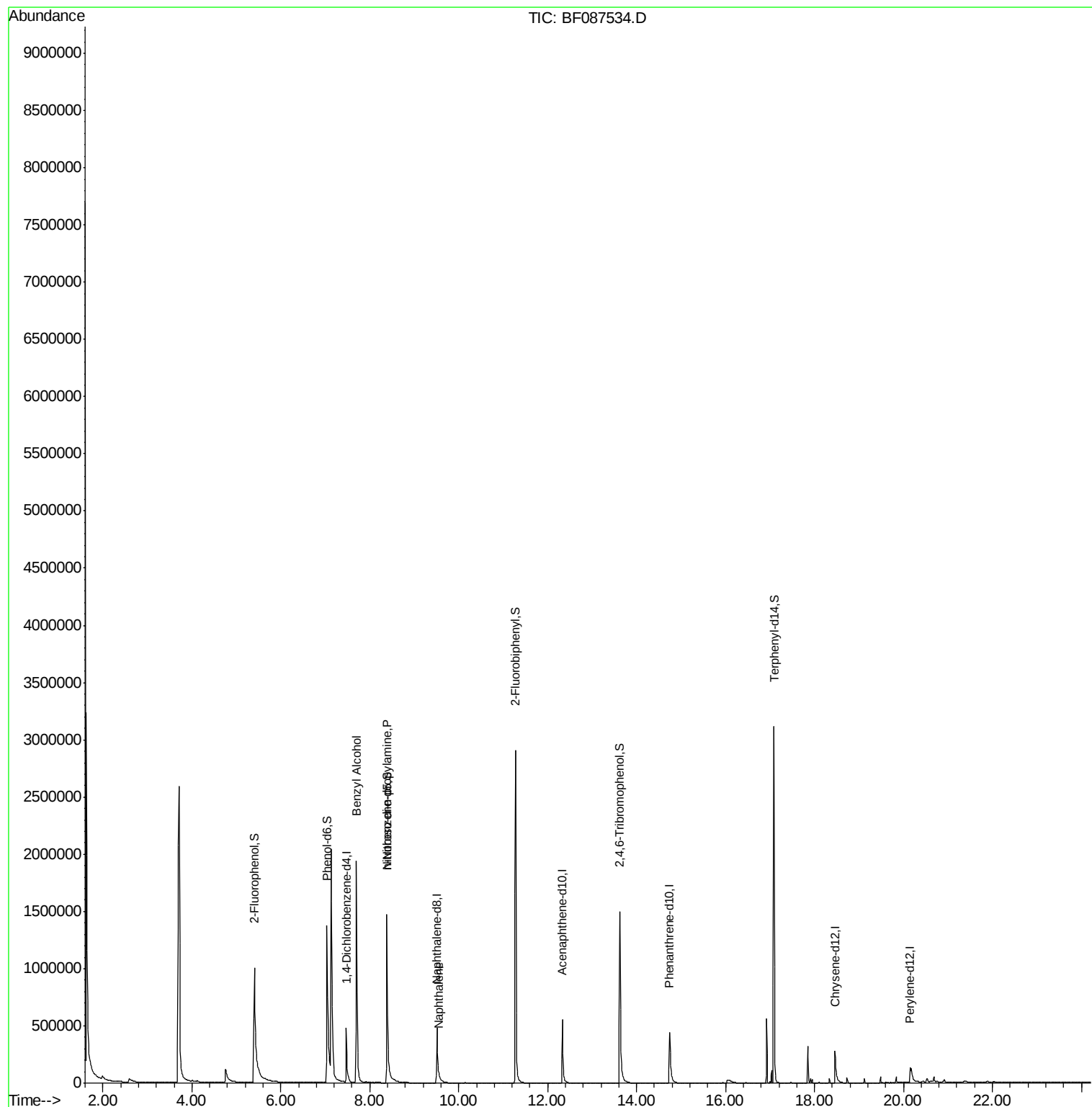
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	102776	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	404411	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	183670	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	349960	20.00	ng	-0.03
75) Chrysene-d12	18.46	240	247491	20.00	ng	-0.02
86) Perylene-d12	20.15	264	150979	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	715722	122.37	ng	-0.01
7) Phenol-d6	7.04	99	921048	116.54	ng	-0.03
23) Nitrobenzene-d5	8.39	82	728416	90.78	ng	-0.06
41) 2,4,6-Tribromophenol	13.62	330	248044	140.53	ng	-0.06
44) 2-Fluorobiphenyl	11.28	172	1256642	96.45	ng	-0.06
78) Terphenyl-d14	17.09	244	1127122	96.82	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	7.70	79	12884	2.24	ng	# 48
19) n-Nitroso-di-n-propylamine	8.39	70	90451	15.35	ng	# 75
31) Naphthalene	9.55	128	52107	2.57	ng	98

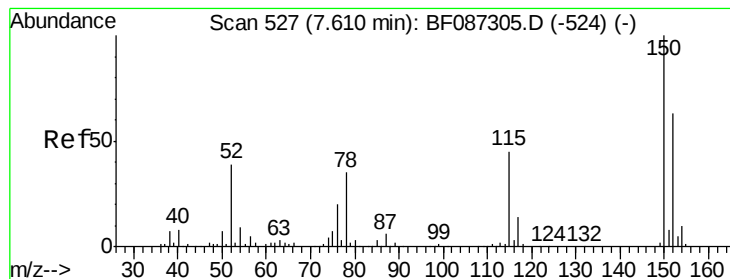
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087534.D
Acq On : 30 May 2016 3:58
Operator : UM/SJ
Sample : H3268-03
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-1437(0-4)

Quant Time: May 30 06:50:12 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

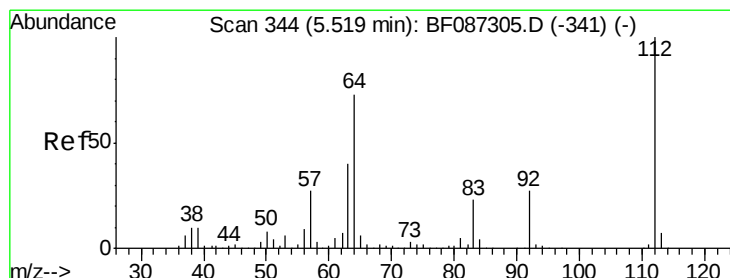
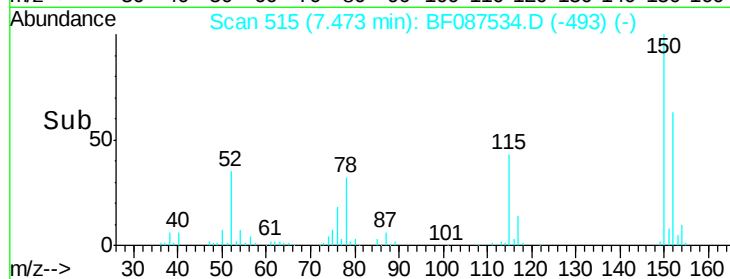
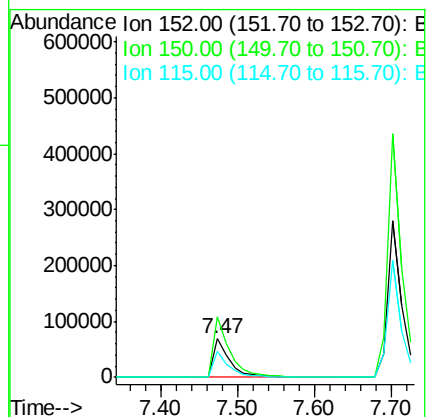
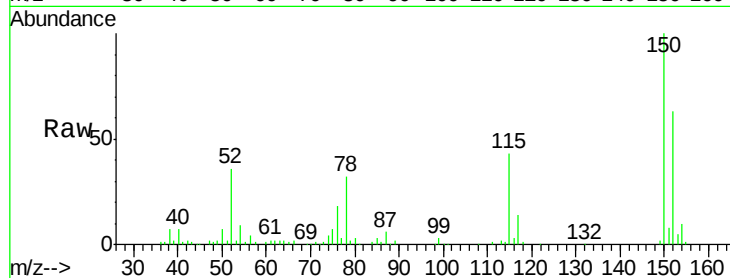
Tgt Ion:152 Resp: 102776

Ion Ratio Lower Upper

152 100

150 158.9 125.8 188.6

115 68.2 51.5 77.3



#5

2-Fluorophenol

Concen: 122.37 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.01 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

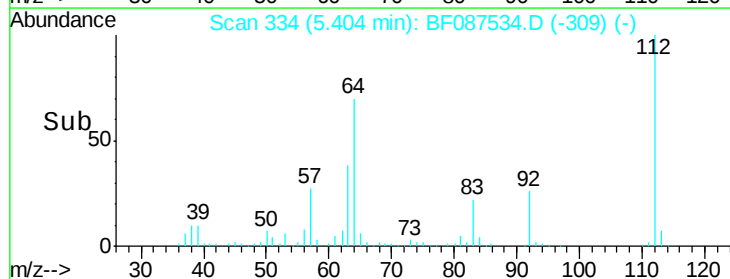
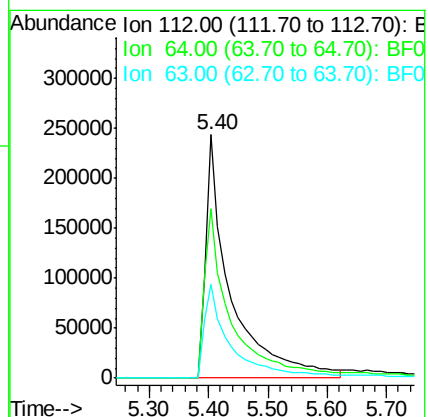
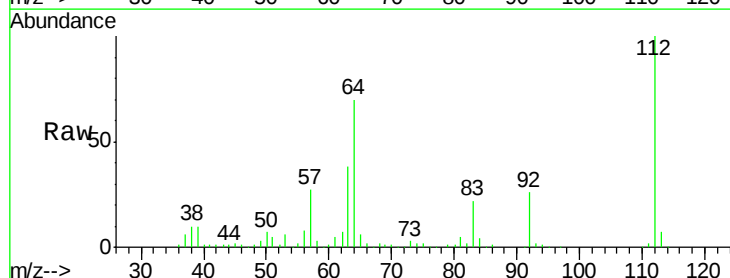
Tgt Ion:112 Resp: 715722

Ion Ratio Lower Upper

112 100

64 69.5 52.1 78.1

63 38.5 25.7 38.5





#7

Phenol-d6

Concen: 116.54 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

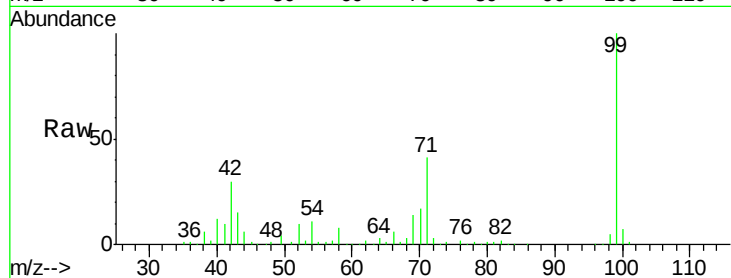
Tgt Ion: 99 Resp: 921048

Ion Ratio Lower Upper

99 100

42 30.0 13.6 20.4#

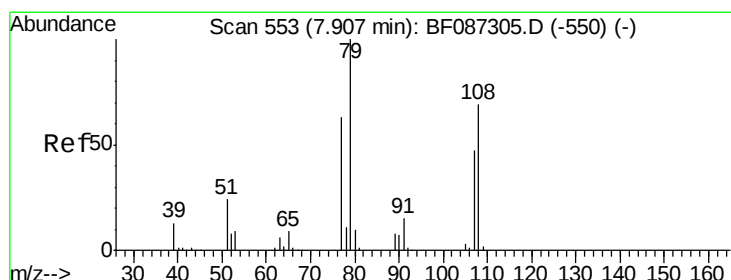
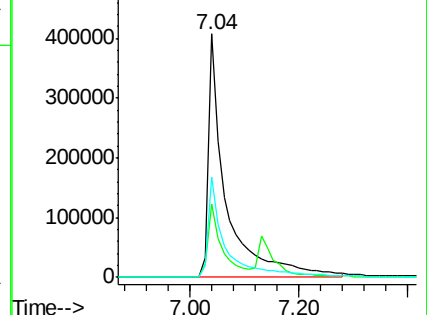
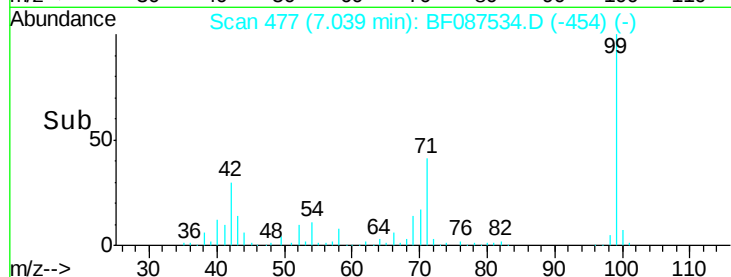
71 41.2 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.24 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.11 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

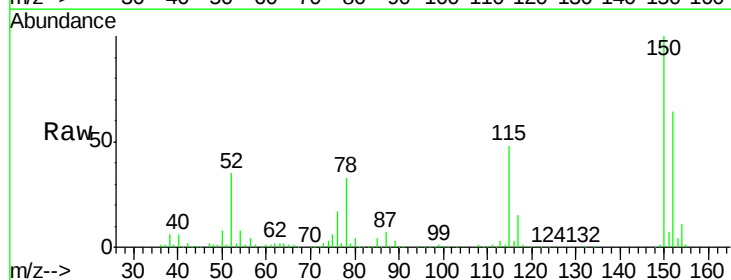
Tgt Ion: 79 Resp: 12884

Ion Ratio Lower Upper

79 100

108 34.3 68.4 102.6#

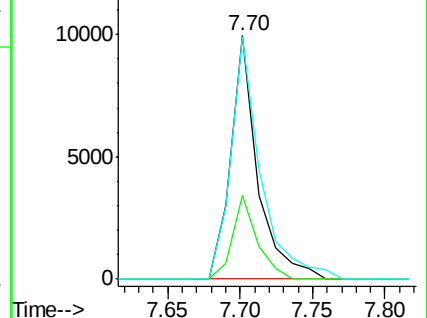
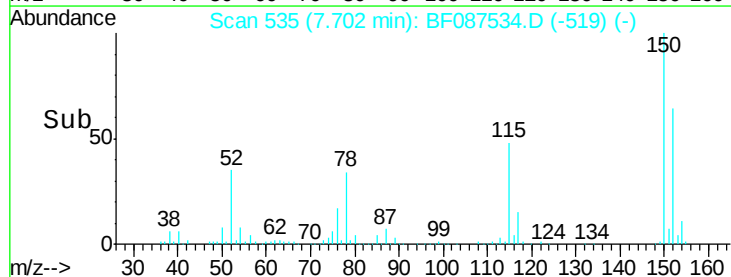
77 99.4 50.6 76.0#

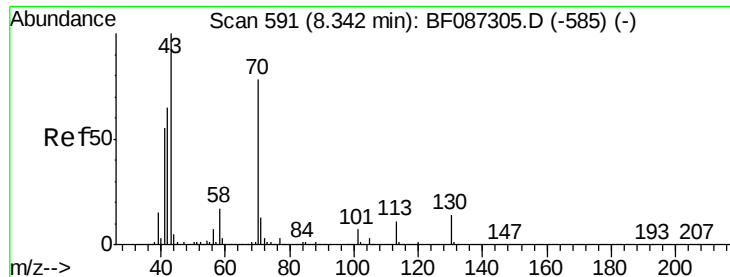


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

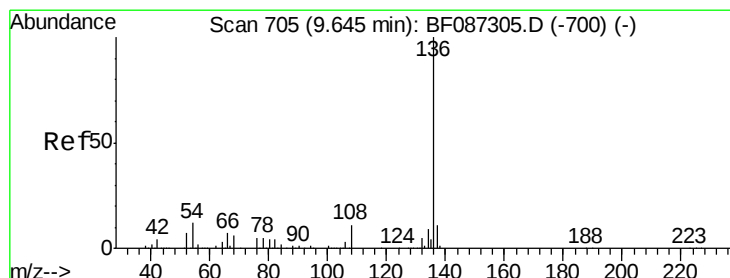
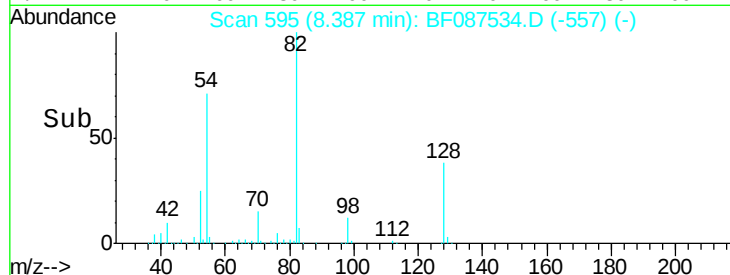
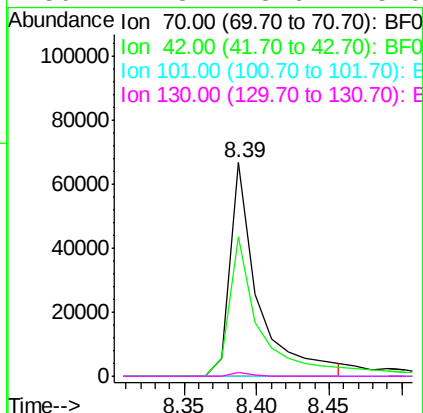
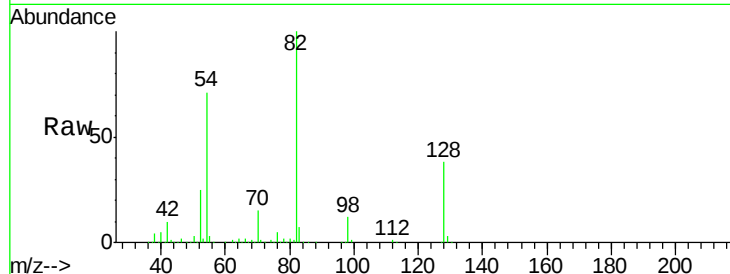




#19
n-Nitroso-di-n-propylamine
Concen: 15.35 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.14 min
Lab File: BF087534.D
Acq: 30 May 2016 3:58

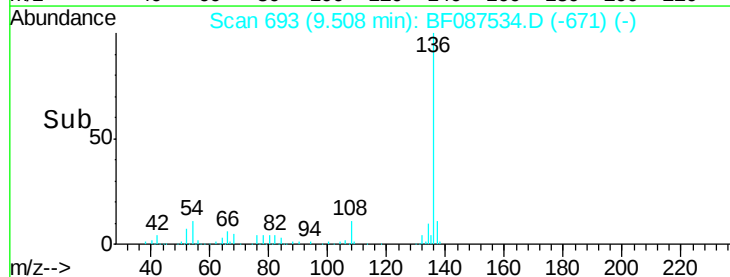
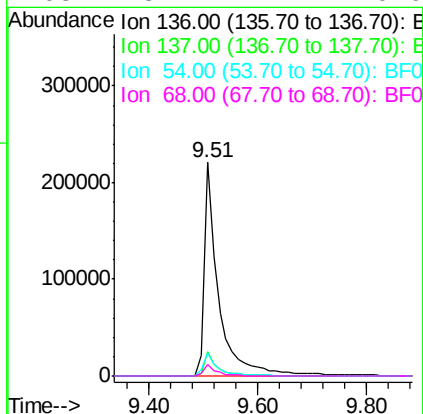
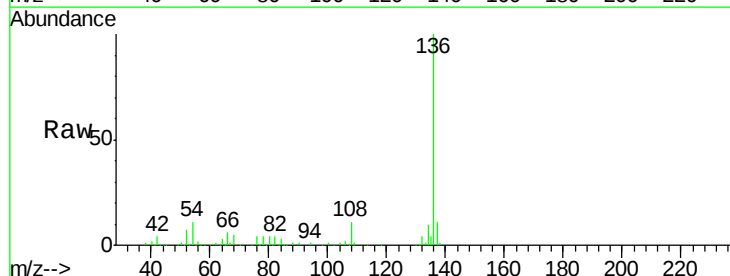
Instrument :
BNA_F
ClientSampleId :
SC-1437(0-4)

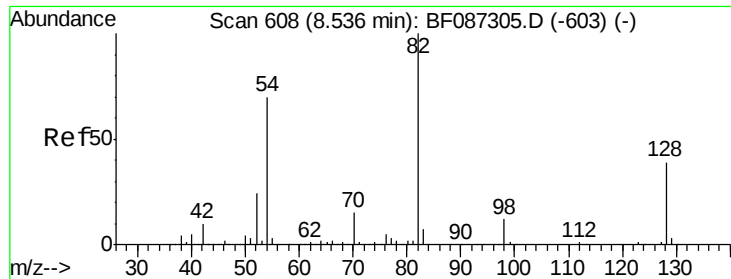
Tgt Ion	Ratio	Lower	Upper
70	100		
42	65.4	43.1	64.7#
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF087534.D
Acq: 30 May 2016 3:58

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.7	5.0	7.4#
68	5.2	4.4	6.6

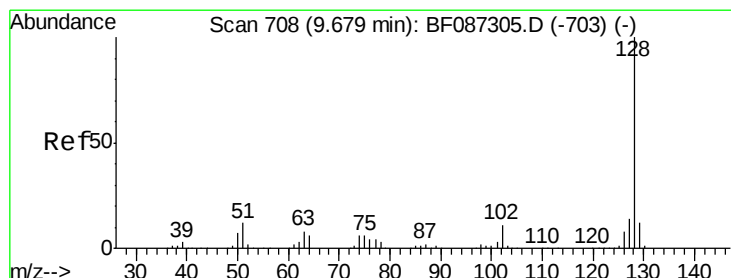
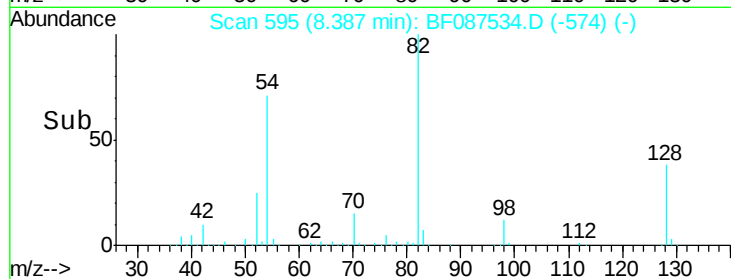
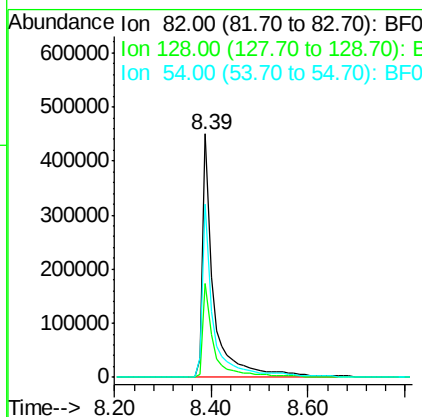
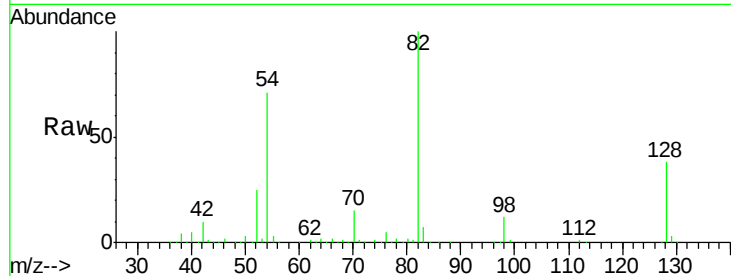




#23
 Nitrobenzene-d5
 Concen: 90.78 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.06 min
 Lab File: BF087534.D
 Acq: 30 May 2016 3:58

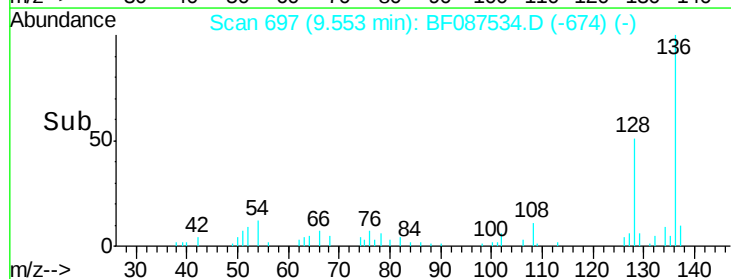
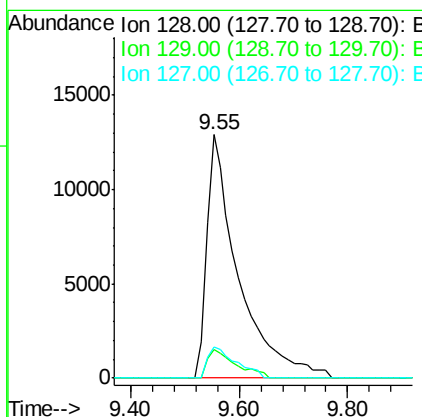
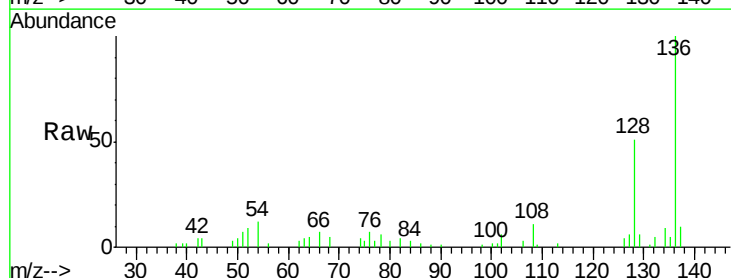
Instrument :
 BNA_F
 ClientSampleId :
 SC-1437(0-4)

Tgt Ion: 82 Resp: 728416
 Ion Ratio Lower Upper
 82 100
 128 38.4 40.6 61.0#
 54 71.4 38.1 57.1#



#31
 Naphthalene
 Concen: 2.57 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.03 min
 Lab File: BF087534.D
 Acq: 30 May 2016 3:58

Tgt Ion: 128 Resp: 52107
 Ion Ratio Lower Upper
 128 100
 129 11.6 8.6 13.0
 127 12.7 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.06 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

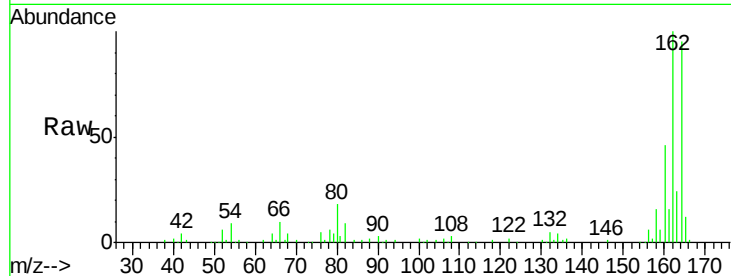
Tgt Ion:164 Resp: 183670

Ion Ratio Lower Upper

164 100

162 105.2 82.8 124.2

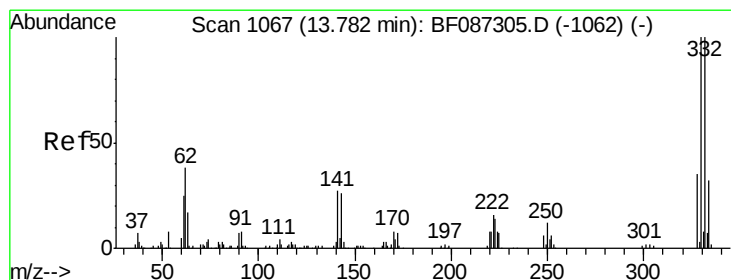
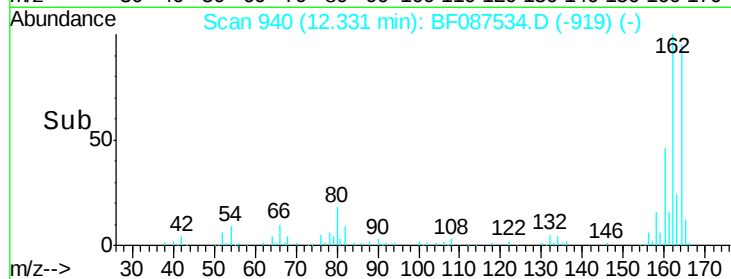
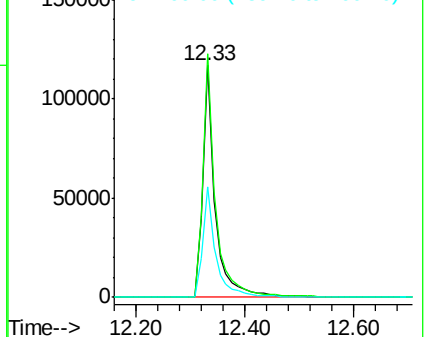
160 47.9 36.9 55.3



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: 140.53 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.06 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

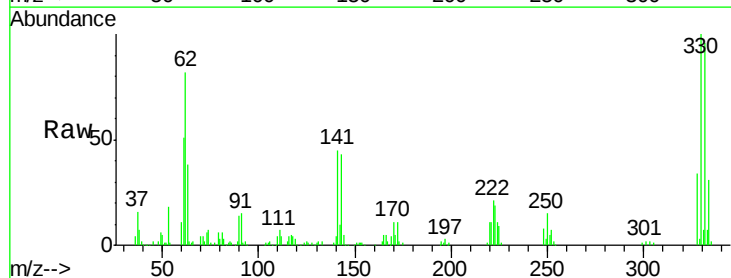
Tgt Ion:330 Resp: 248044

Ion Ratio Lower Upper

330 100

332 97.3 79.0 118.4

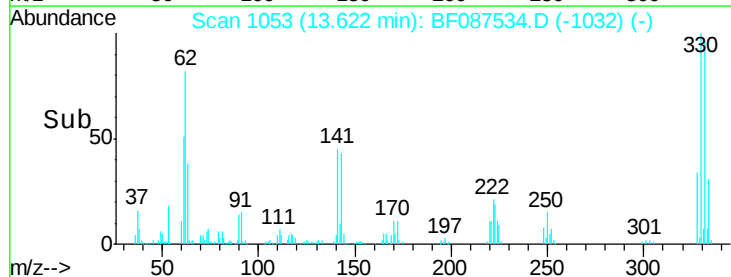
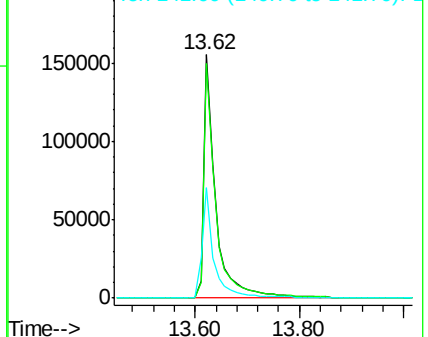
141 46.1 31.2 46.8

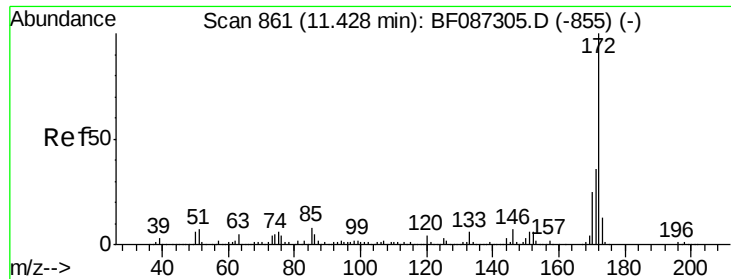


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 96.45 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.06 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

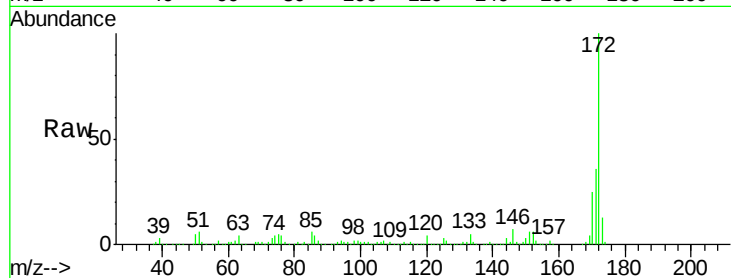
Tgt Ion:172 Resp: 1256642

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

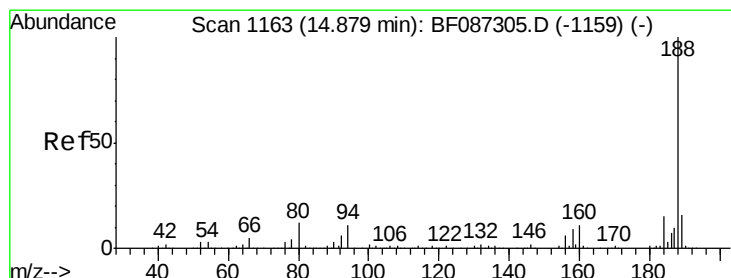
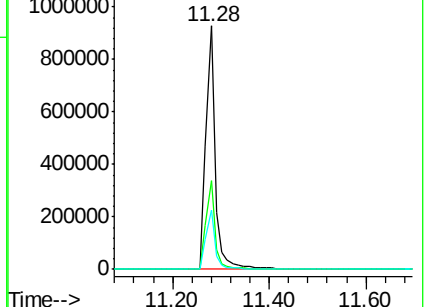
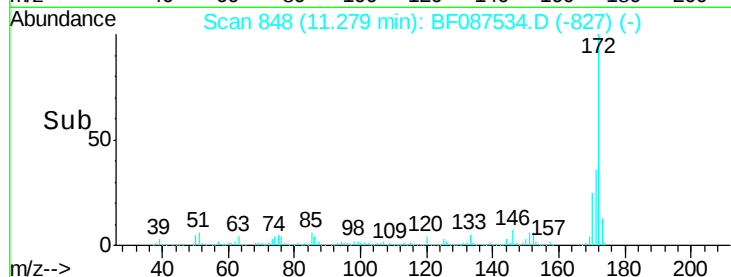
170 24.6 19.8 29.8



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: BF087534.D

Acq: 30 May 2016 3:58

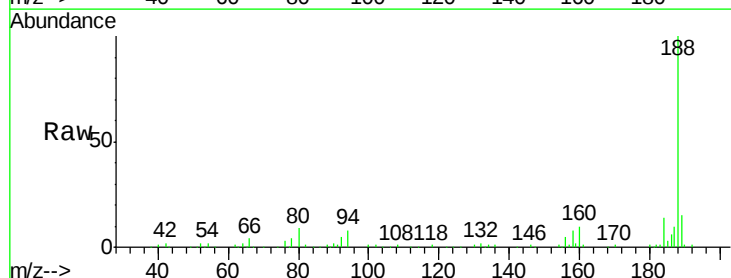
Tgt Ion:188 Resp: 349960

Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

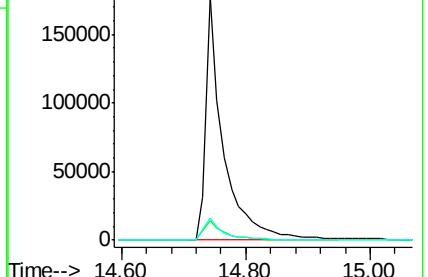
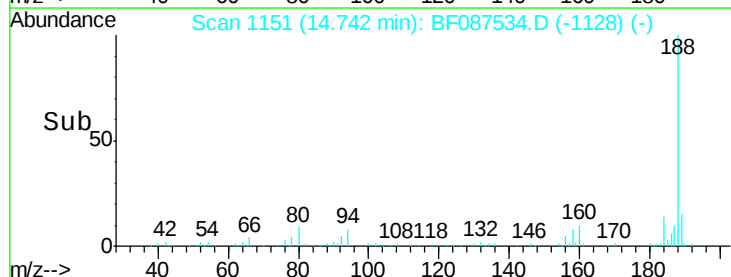
80 9.3 7.1 10.7



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: 18.46 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

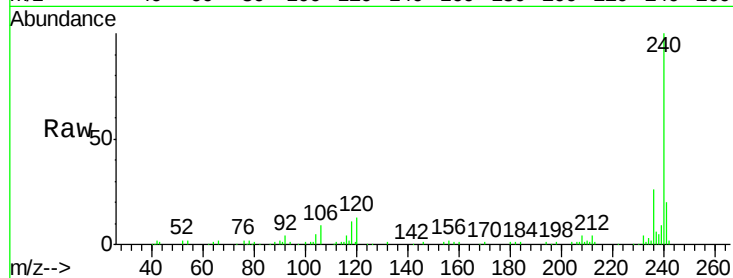
Tgt Ion:240 Resp: 247491

Ion Ratio Lower Upper

240 100

120 12.5 11.2 16.8

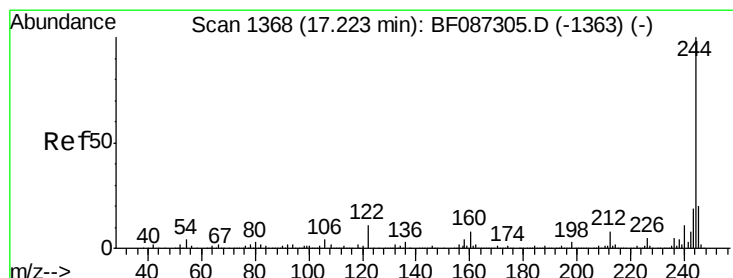
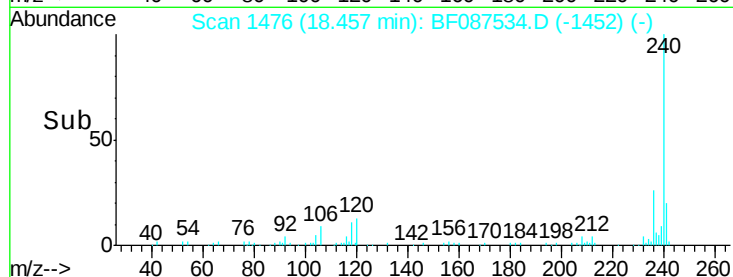
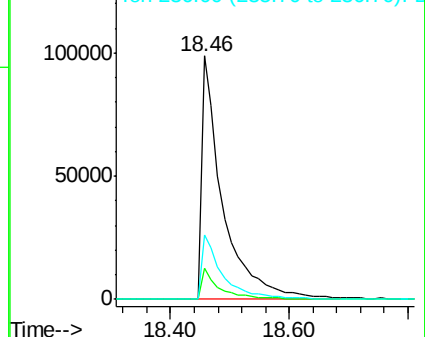
236 26.5 21.2 31.8



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: 96.82 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.05 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

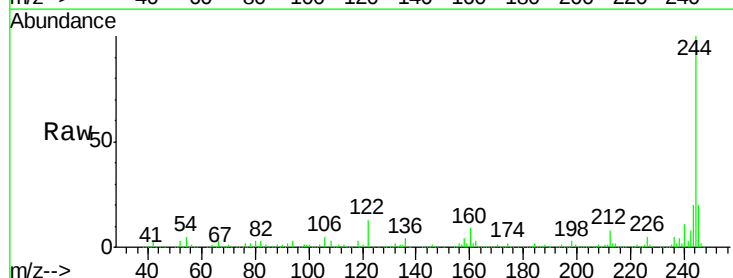
Tgt Ion:244 Resp: 1127122

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

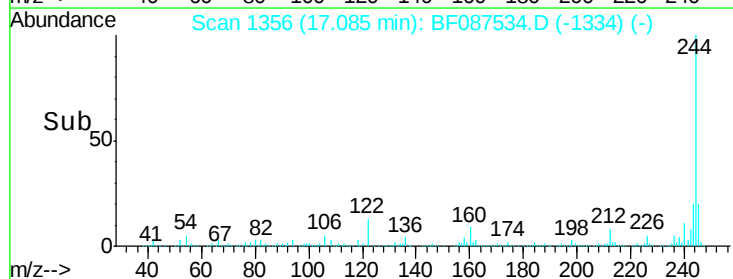
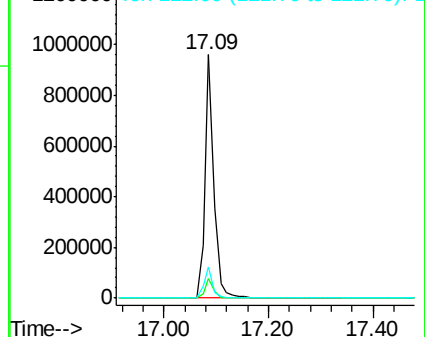
122 12.9 12.0 18.0

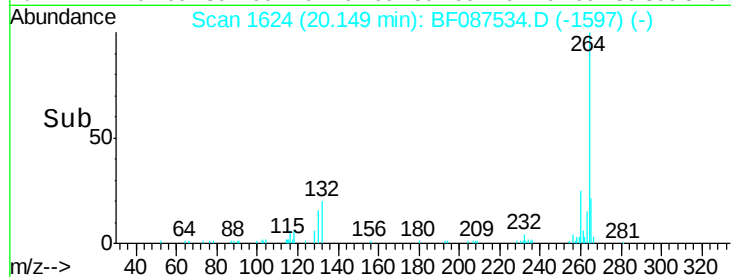
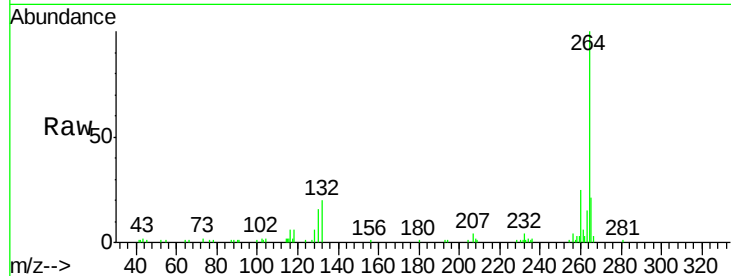
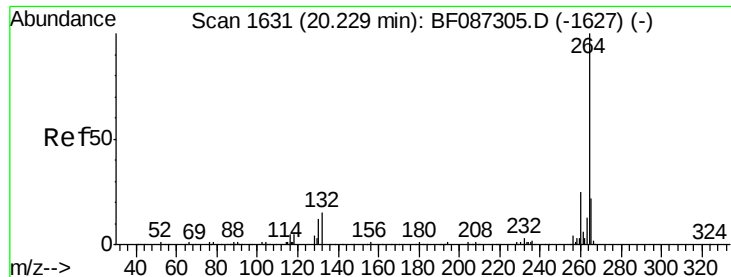


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.15 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

Tgt Ion:264 Resp: 150979

Ion Ratio Lower Upper

264 100

260 25.3 19.5 29.3

265 21.1 17.3 25.9

