

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
 Data File : BF087456.D
 Acq On : 27 May 2016 22:36
 Operator : UM/SJ
 Sample : H3242-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-7GW

Quant Time: May 28 00:23:13 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

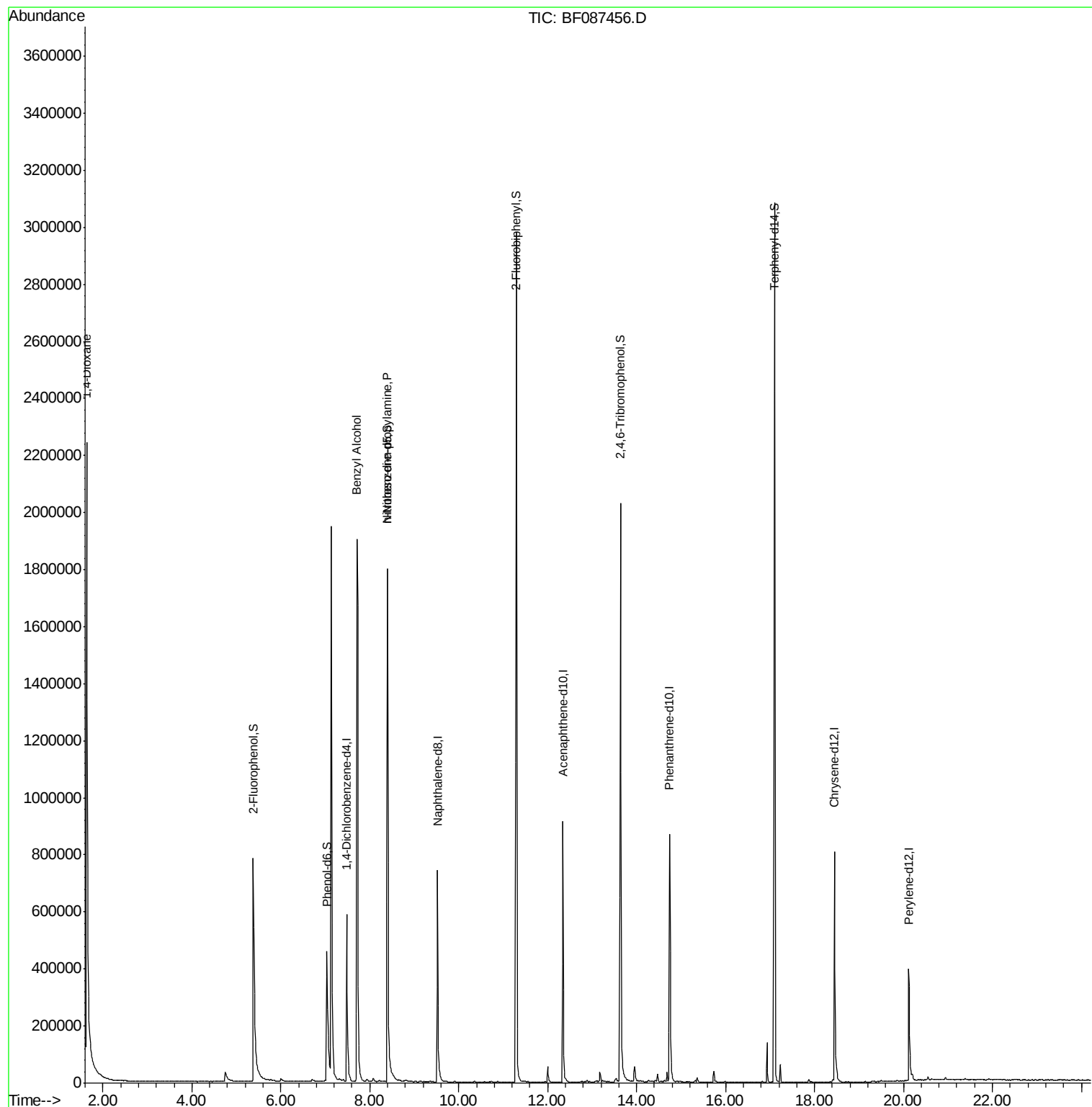
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	119973	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	497940	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	245146	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	463864	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	391312	20.00	ng	-0.03
86) Perylene-d12	20.11	264	282589	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	428279	62.73	ng	-0.03
7) Phenol-d6	7.04	99	359881	39.01	ng	-0.03
23) Nitrobenzene-d5	8.40	82	840398	85.06	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	312974	132.85	ng	-0.05
44) 2-Fluorobiphenyl	11.29	172	1465965	84.30	ng	-0.05
78) Terphenyl-d14	17.10	244	1424825	77.41	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.63	88	78969	21.92	ng	# 22
15) Benzyl Alcohol	7.71	79	14932	2.22	ng	# 45
19) n-Nitroso-di-n-propylamine	8.40	70	111903	16.26	ng	# 73

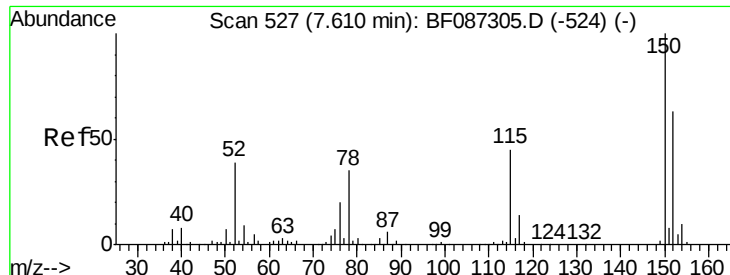
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087456.D

Acq: 27 May 2016 22:36

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BNA_F

ClientSampleId :

E-7GW

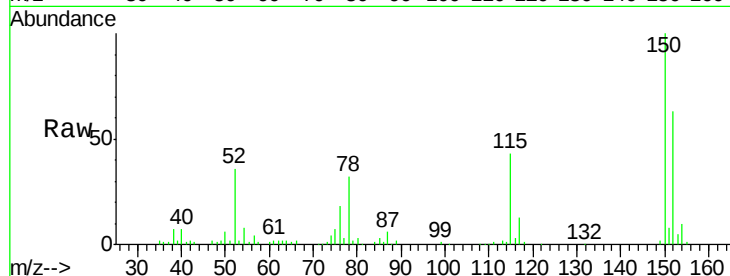
Tgt Ion: 152 Resp: 119973

Ion Ratio Lower Upper

152 100

150 159.2 125.8 188.6

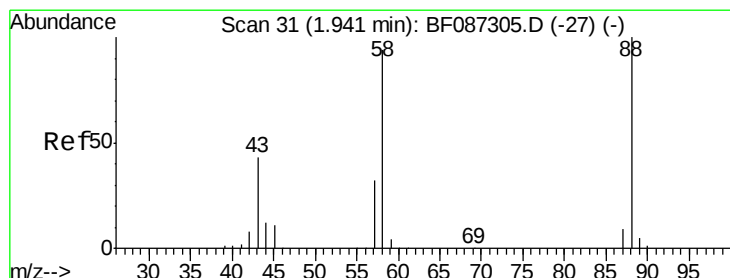
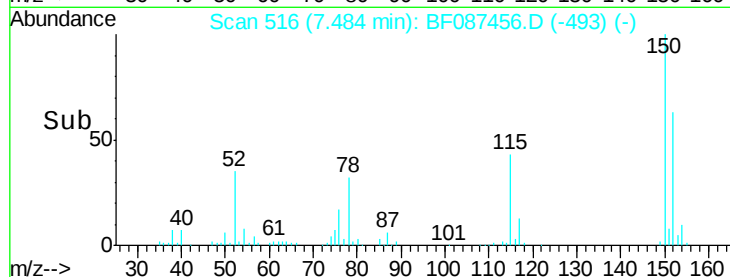
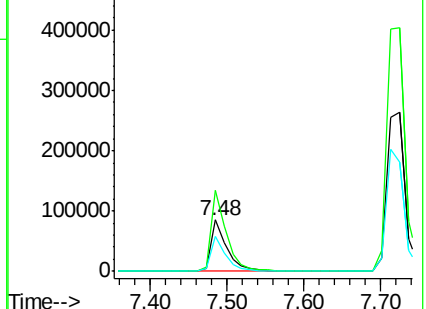
115 67.8 51.5 77.3



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



#2

1,4-Dioxane

Concen: 21.92 ng

RT: 1.63 min Scan# 4

Delta R.T. -0.18 min

Lab File: BF087456.D

Acq: 27 May 2016 22:36

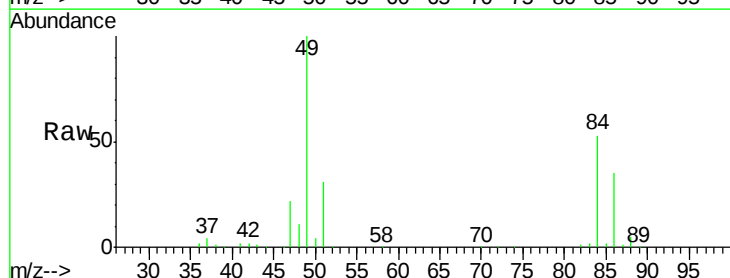
Tgt Ion: 88 Resp: 78969

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

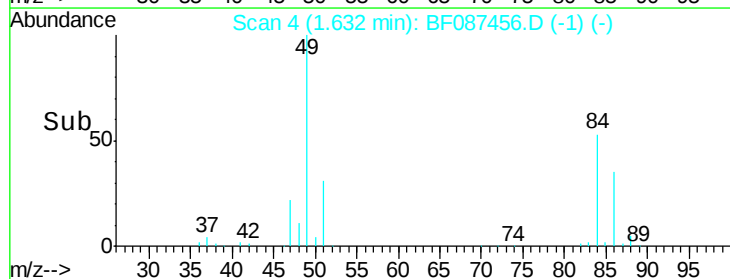
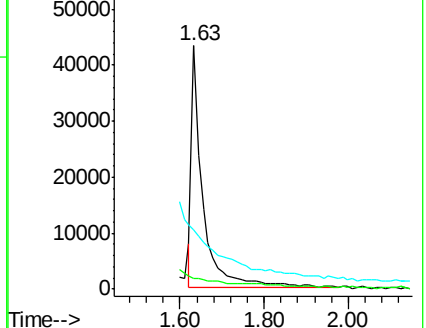
43 0.0 21.8 32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

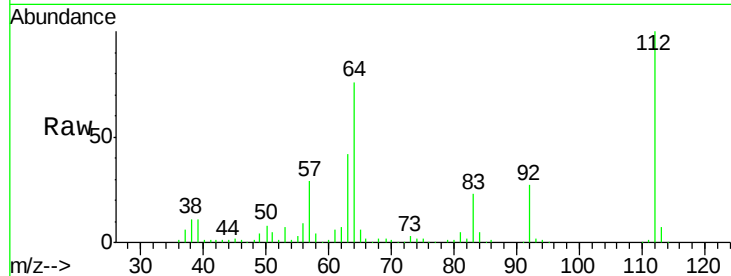




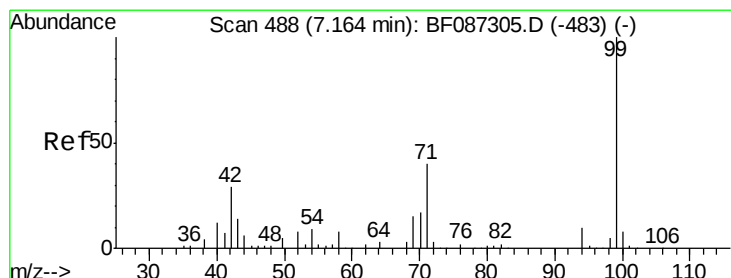
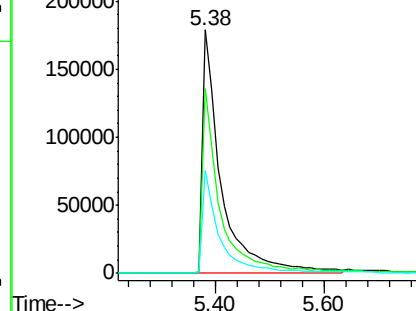
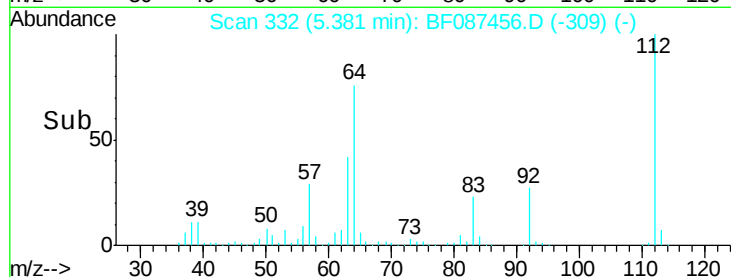
#5
 2-Fluorophenol
 Concen: 62.73 ng
 RT: 5.38 min Scan# 332
 Delta R.T. -0.03 min
 Lab File: BF087456.D
 Acq: 27 May 2016 22:36

Instrument :
 BNA_F
 ClientSampleId :
 E-7GW

Tgt Ion: 112 Resp: 428279
 Ion Ratio Lower Upper
 112 100
 64 75.9 52.1 78.1
 63 42.4 25.7 38.5#

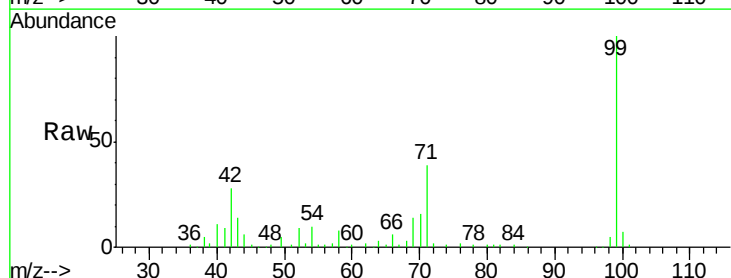


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

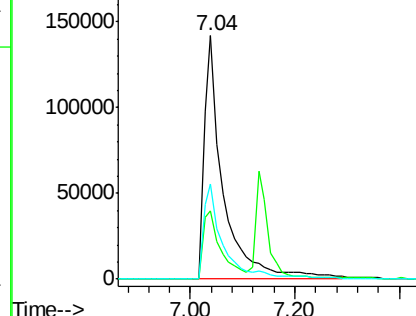
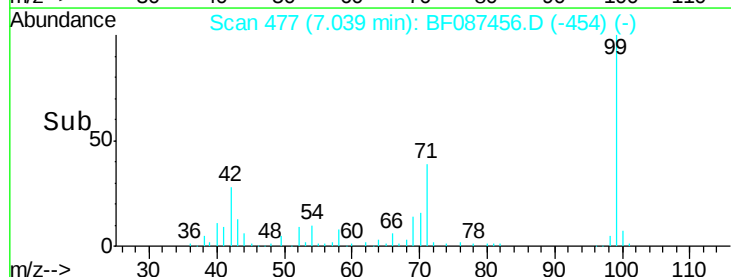


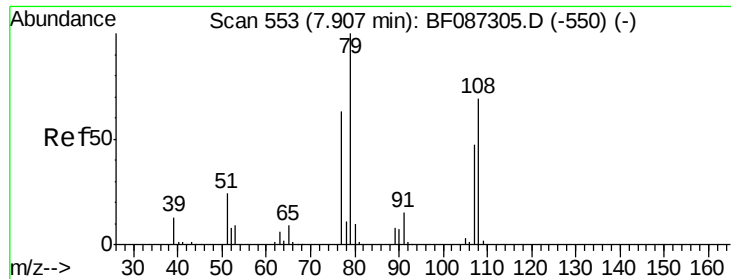
#7
 Phenol-d6
 Concen: 39.01 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.03 min
 Lab File: BF087456.D
 Acq: 27 May 2016 22:36

Tgt Ion: 99 Resp: 359881
 Ion Ratio Lower Upper
 99 100
 42 28.1 13.6 20.4#
 71 38.9 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: 2.22 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.10 min

Lab File: BF087456.D

Acq: 27 May 2016 22:36

Instrument :

BNA_F

ClientSampleId :

E-7GW

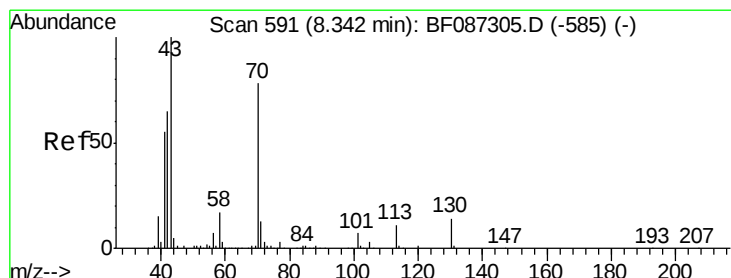
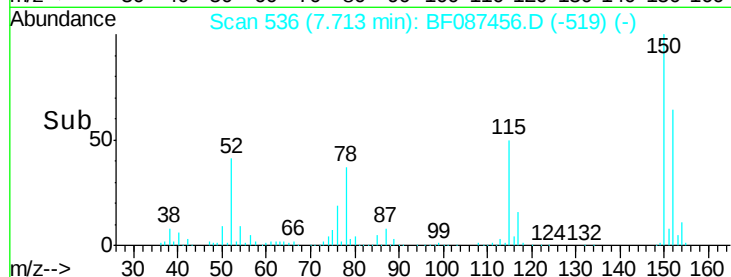
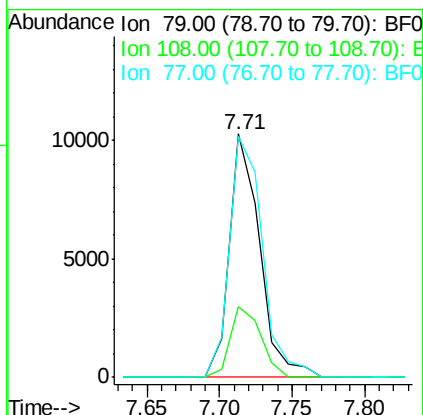
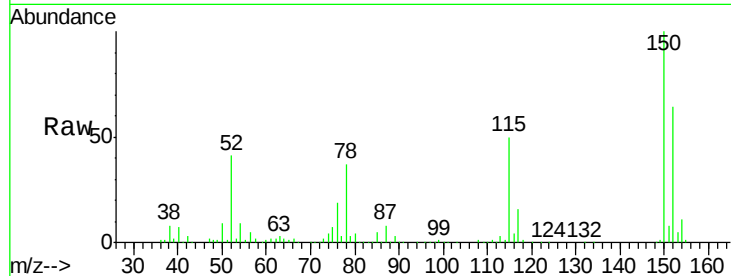
Tgt Ion: 79 Resp: 14932

Ion Ratio Lower Upper

79 100

108 29.0 68.4 102.6#

77 99.0 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 16.26 ng

RT: 8.40 min Scan# 596

Delta R.T. 0.15 min

Lab File: BF087456.D

Acq: 27 May 2016 22:36

Tgt Ion: 70 Resp: 111903

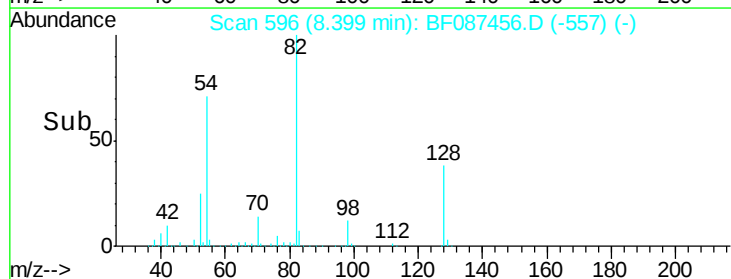
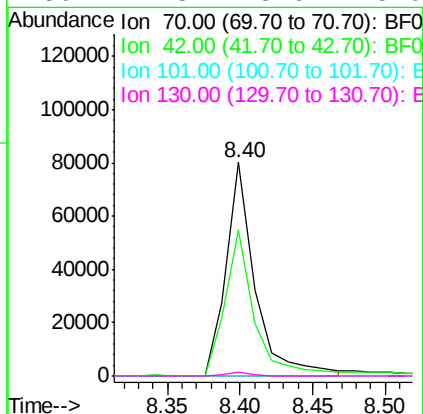
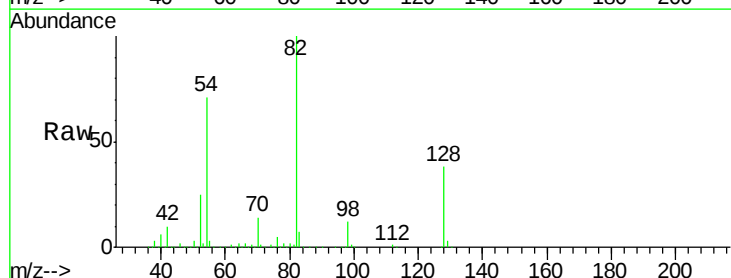
Ion Ratio Lower Upper

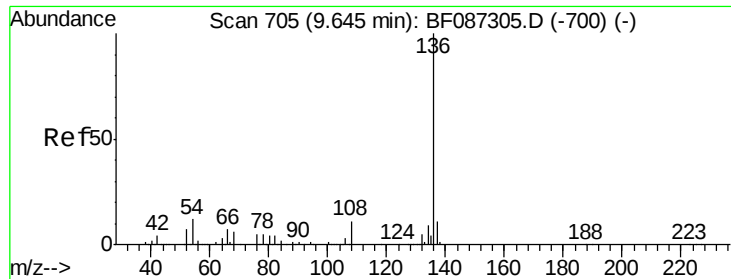
70 100

42 68.4 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

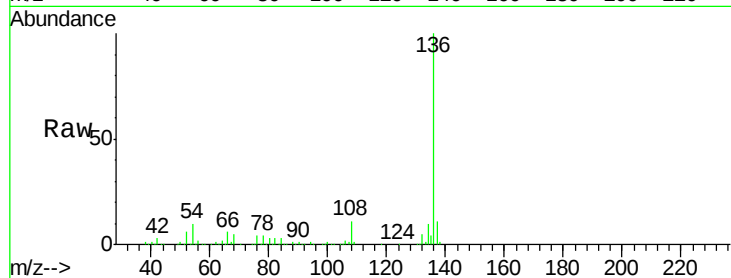




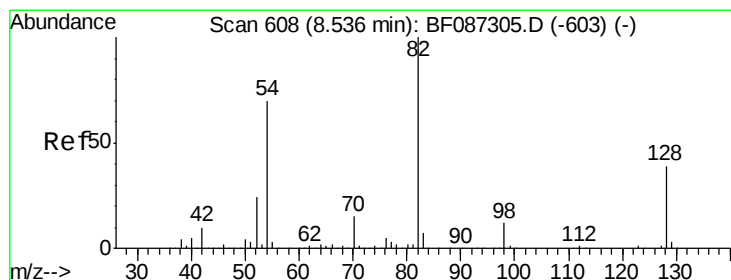
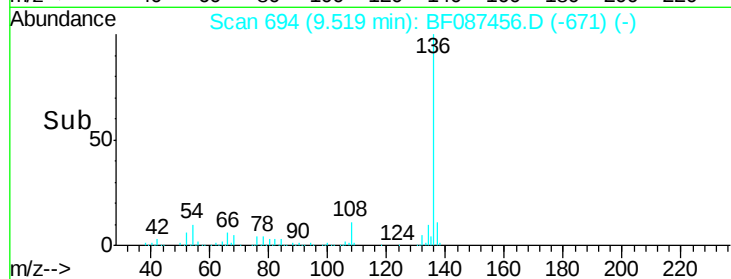
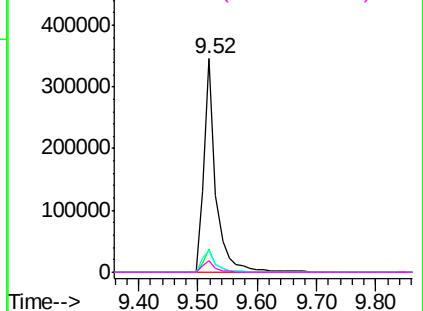
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF087456.D
Acq: 27 May 2016 22:36

Instrument :
BNA_F
ClientSampleId :
E-7GW

Tgt Ion:	136	Resp:	497940
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.1	5.0	7.4#
68	5.2	4.4	6.6

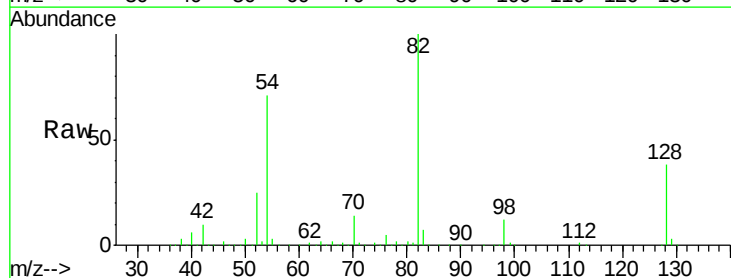


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

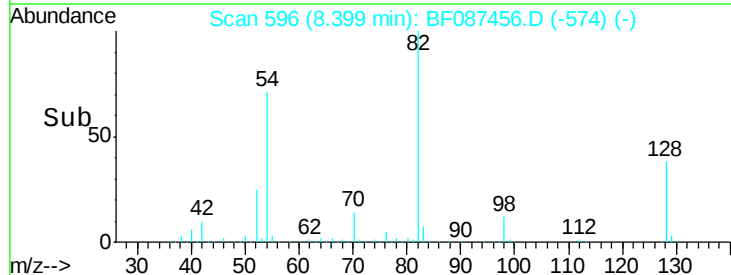
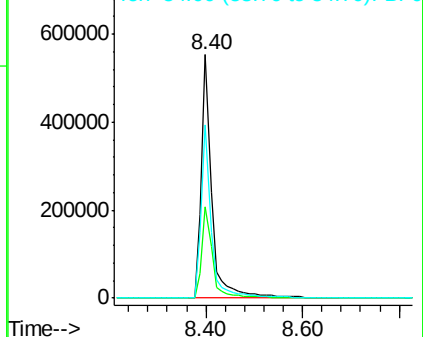


#23
Nitrobenzene-d5
Concen: 85.06 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.05 min
Lab File: BF087456.D
Acq: 27 May 2016 22:36

Tgt Ion:	82	Resp:	840398
Ion	Ratio	Lower	Upper
82	100		
128	37.7	40.6	61.0#
54	71.2	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

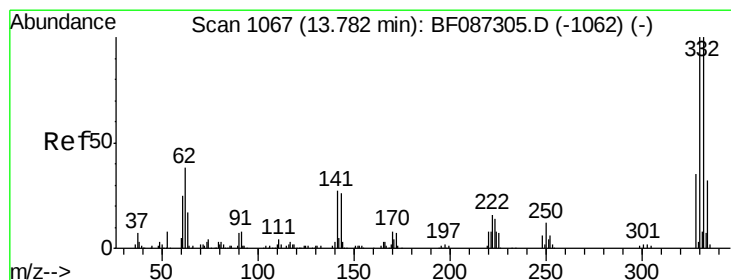
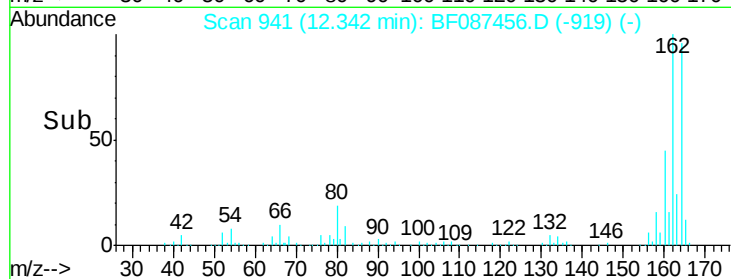
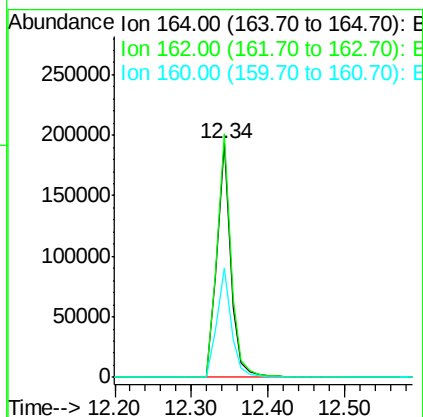
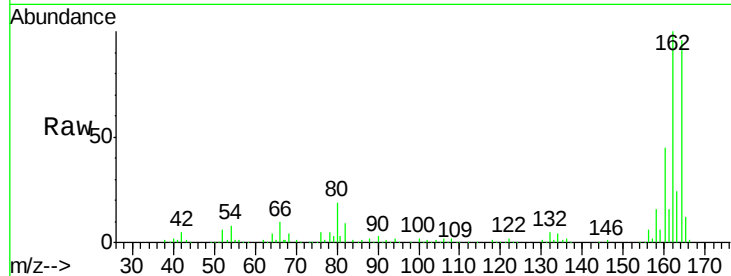




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.34 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF087456.D
 Acq: 27 May 2016 22:36

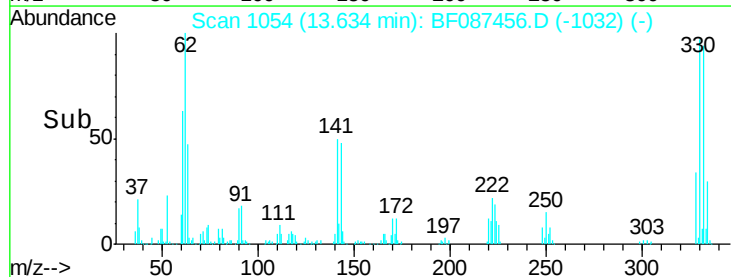
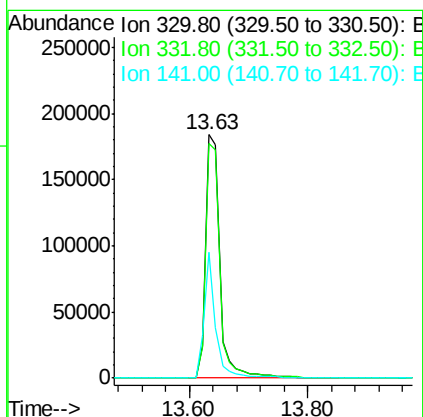
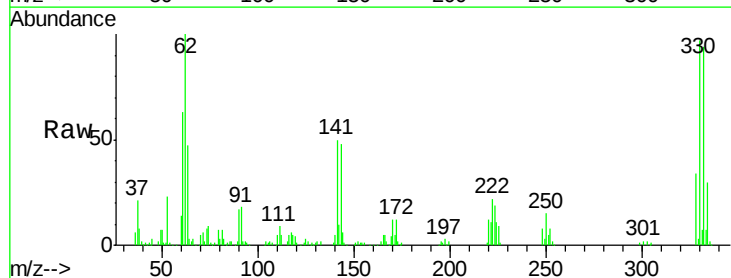
Instrument :
 BNA_F
 ClientSampleId :
 E-7GW

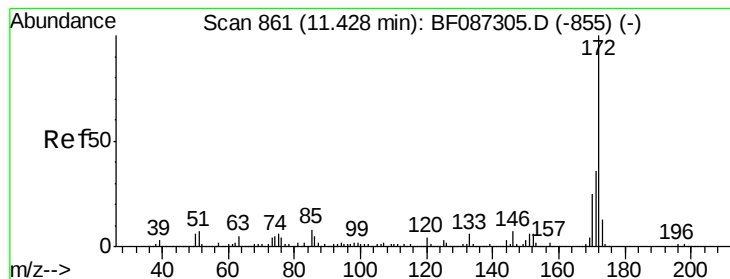
Tgt Ion:164 Resp: 245146
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.8 124.2
 160 46.9 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 132.85 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087456.D
 Acq: 27 May 2016 22:36

Tgt Ion:330 Resp: 312974
 Ion Ratio Lower Upper
 330 100
 332 97.4 79.0 118.4
 141 42.9 31.2 46.8





#44

2-Fluorobiphenyl

Concen: 84.30 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.05 min

Lab File: BF087456.D

Acq: 27 May 2016 22:36

Instrument :

BNA_F

ClientSampleId :

E-7GW

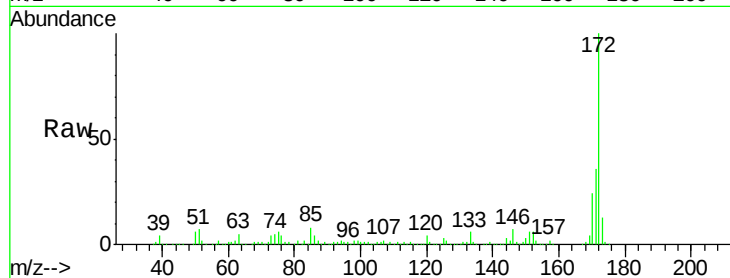
Tgt Ion:172 Resp: 1465965

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

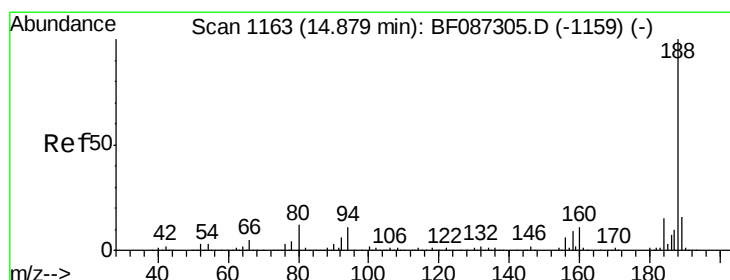
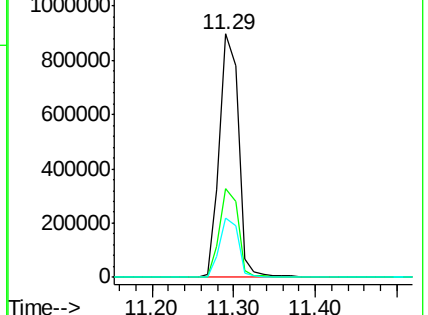
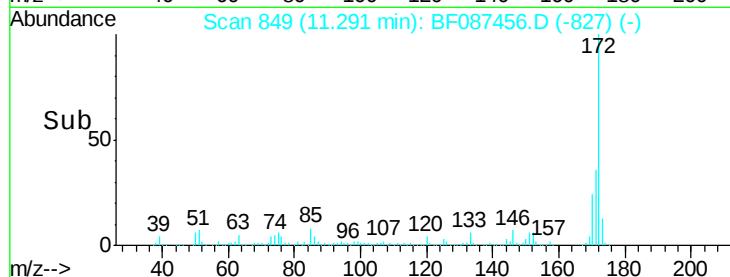
170 24.4 19.8 29.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF087456.D

Acq: 27 May 2016 22:36

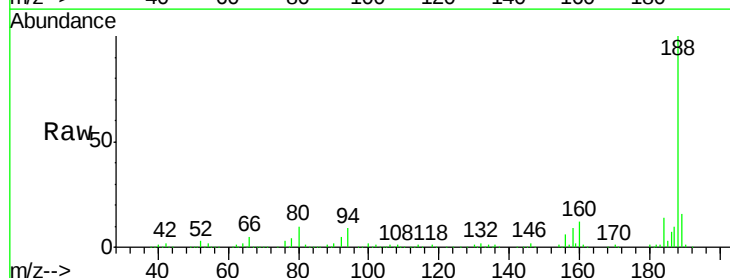
Tgt Ion:188 Resp: 463864

Ion Ratio Lower Upper

188 100

94 9.5 6.8 10.2

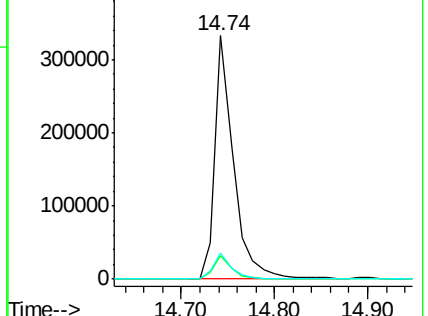
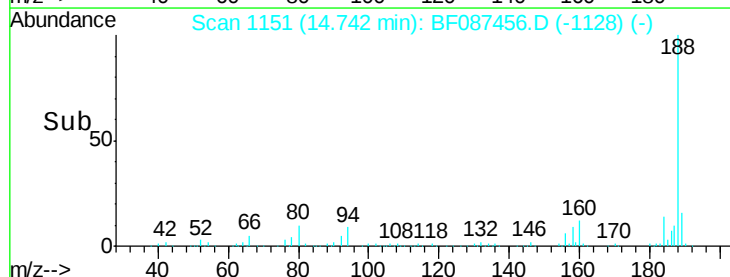
80 10.5 7.1 10.7



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: BF087456.D

Acq: 27 May 2016 22:36

Instrument :

BNA_F

ClientSampleId :

E-7GW

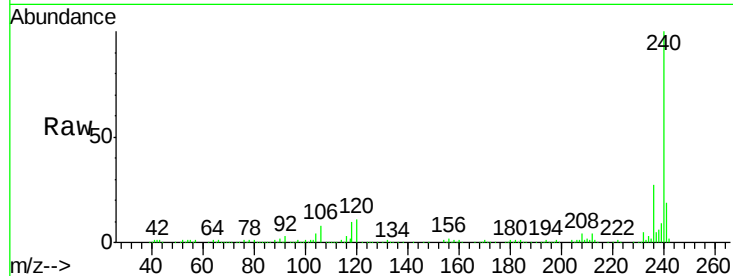
Tgt Ion:240 Resp: 391312

Ion Ratio Lower Upper

240 100

120 11.4 11.2 16.8

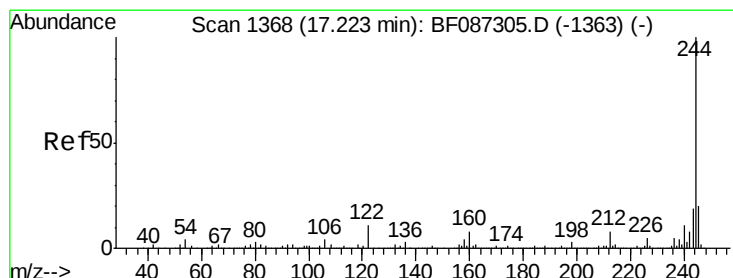
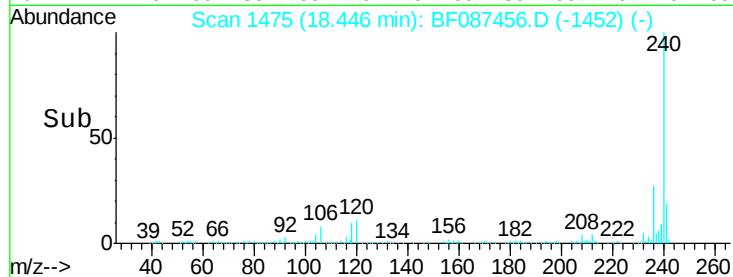
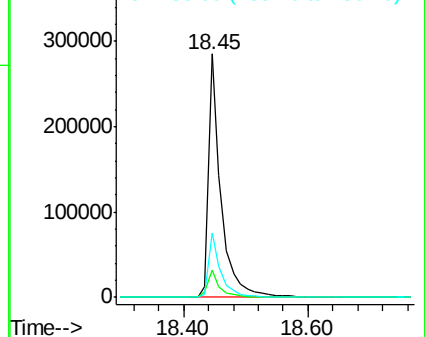
236 26.5 21.2 31.8



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: 77.41 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.03 min

Lab File: BF087456.D

Acq: 27 May 2016 22:36

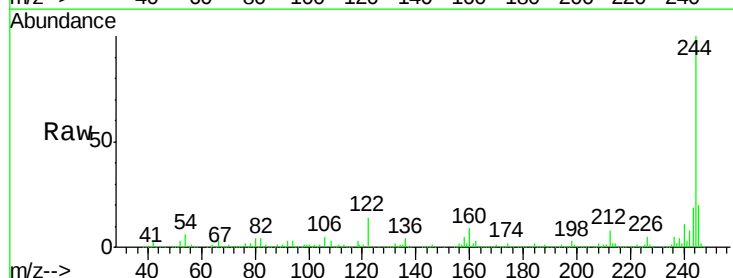
Tgt Ion:244 Resp: 1424825

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

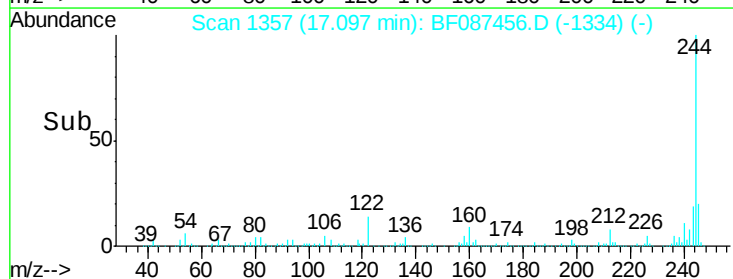
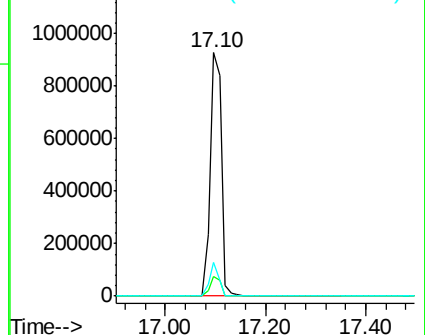
122 14.0 12.0 18.0

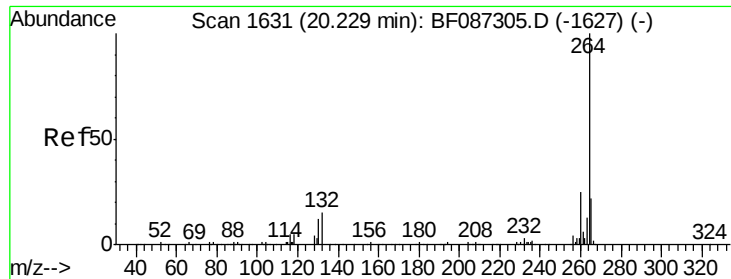


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087456.D
Acq: 27 May 2016 22:36

Instrument :
BNA_F
ClientSampleId :
E-7GW

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.4	17.3	25.9

