

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
 Data File : BF087586.D
 Acq On : 31 May 2016 17:53
 Operator : UM/SJ
 Sample : H3332-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616

Quant Time: Jun 01 03:19:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 01 03:17:16 2016
 Response via : Initial Calibration

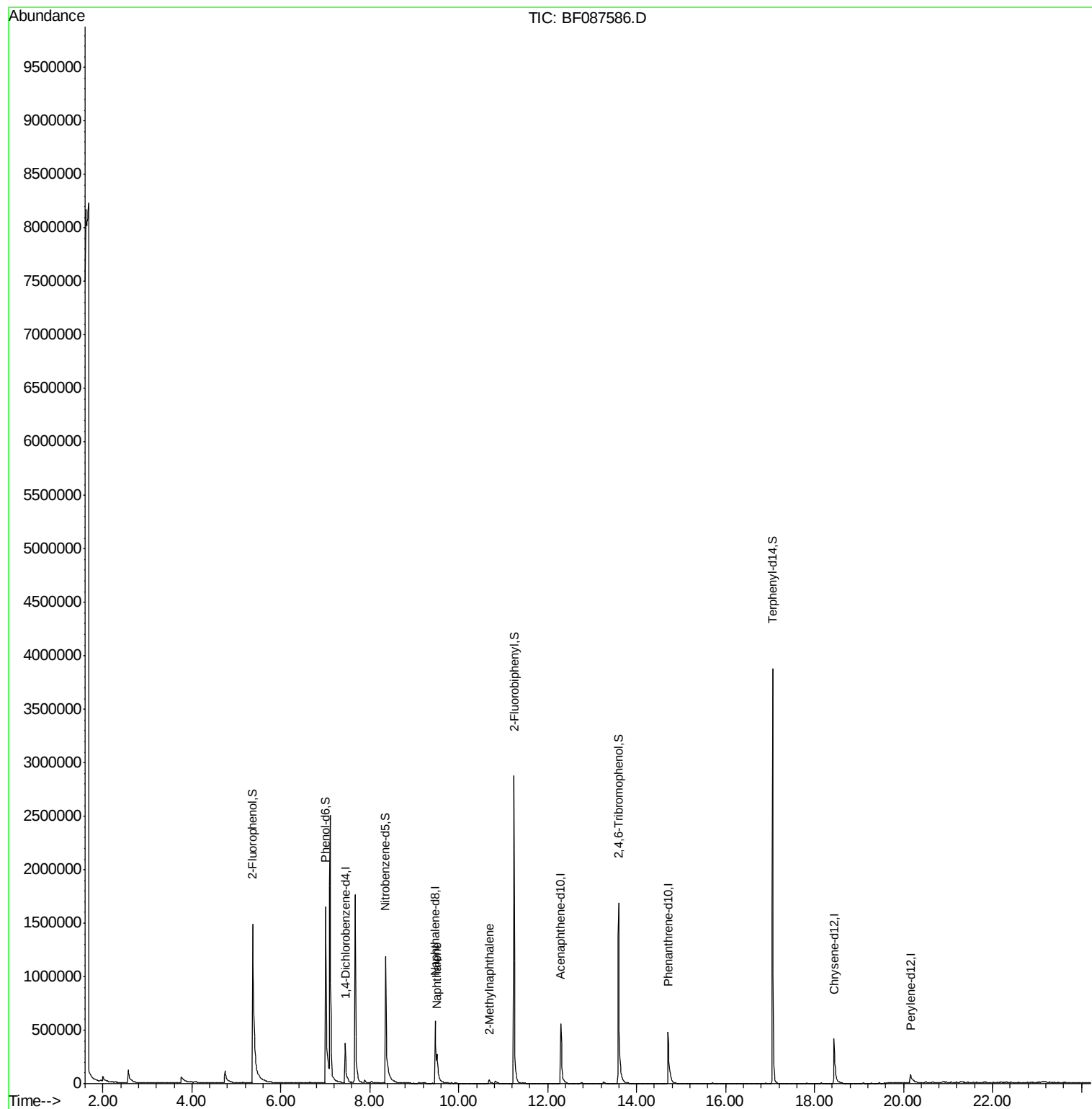
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	101709	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	420789	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	181741	20.00	ng	-0.01
63) Phenanthrene-d10	14.71	188	412345	20.00	ng	0.00
75) Chrysene-d12	18.43	240	342443	20.00	ng	0.01
86) Perylene-d12	20.16	264	60661	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	883094	152.57	ng	0.02
7) Phenol-d6	7.00	99	1072090	137.07	ng	-0.01
23) Nitrobenzene-d5	8.35	82	849832	101.79	ng	-0.02
41) 2,4,6-Tribromophenol	13.60	330	331047	189.55	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	1415734	109.82	ng	-0.01
78) Terphenyl-d14	17.06	244	1464897	90.95	ng	0.00
Target Compounds						
31) Naphthalene	9.51	128	268102	12.72	ng	100
37) 2-Methylnaphthalene	10.68	142	31319	2.38	ng	94

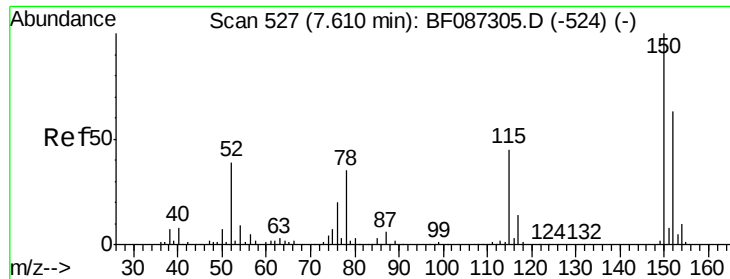
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF087586.D

Acq: 31 May 2016 17:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616

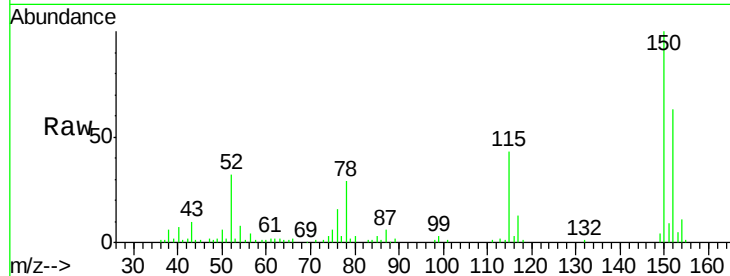
Tot Ion:152 Resp: 101709

Ion Ratio Lower Upper

152 100

150 159.7 125.8 188.6

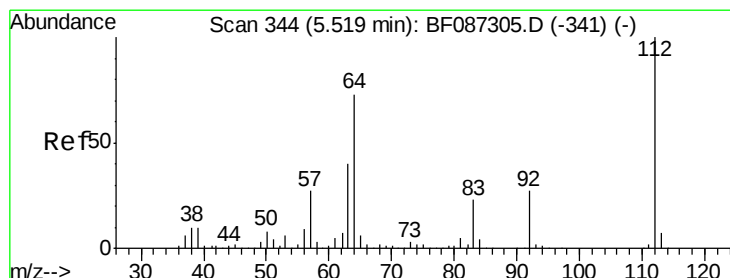
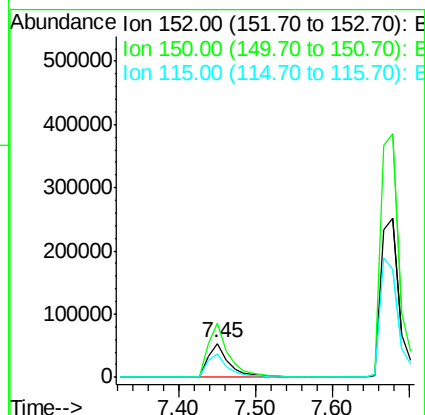
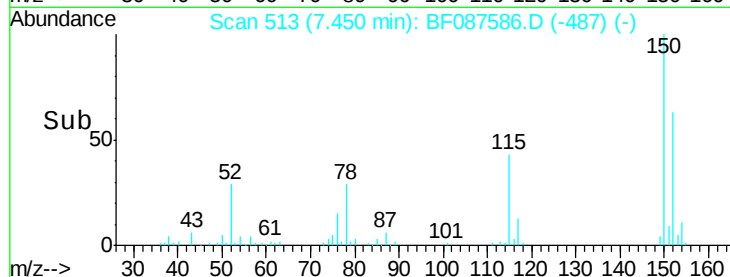
115 68.4 51.5 77.3



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



#5

2-Fluorophenol

Concen: 152.57 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.02 min

Lab File: BF087586.D

Acq: 31 May 2016 17:53

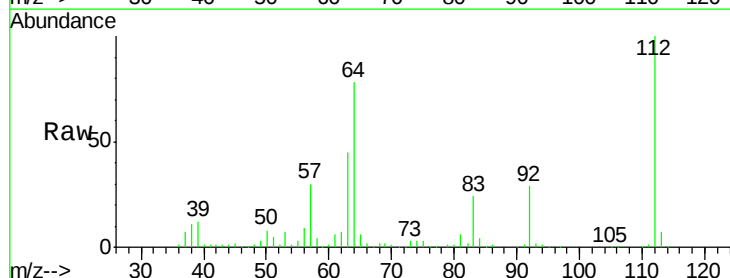
Tgt Ion:112 Resp: 883094

Ion Ratio Lower Upper

112 100

64 78.5 52.1 78.1#

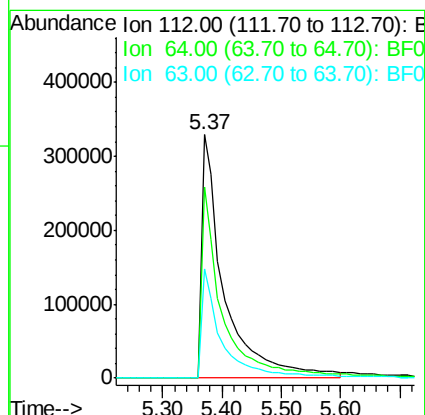
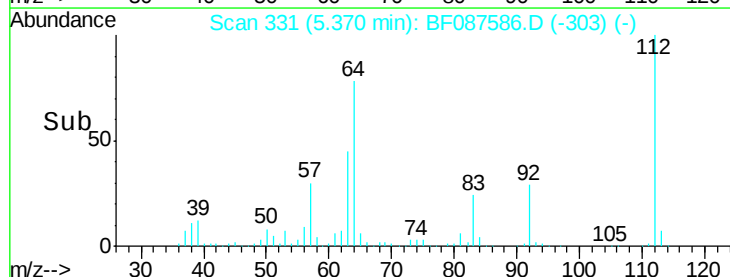
63 44.9 25.7 38.5#

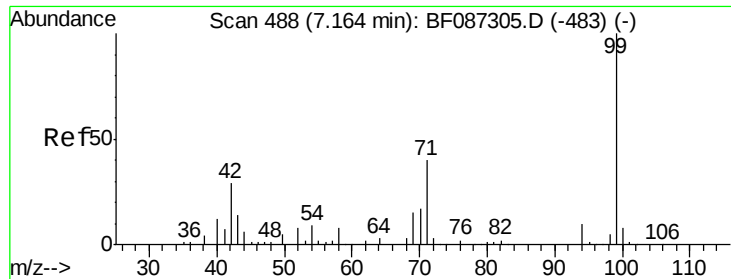


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.07 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF087586.D

Acq: 31 May 2016 17:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616

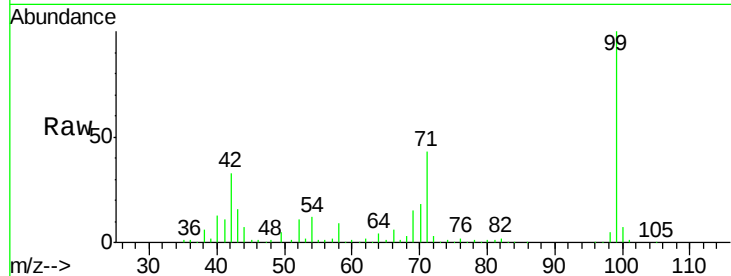
Tot Ion: 99 Resp: 1072090

Ion Ratio Lower Upper

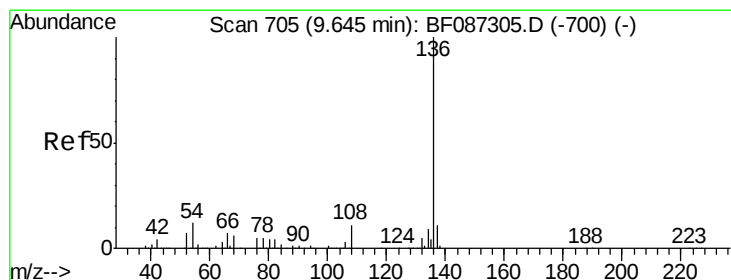
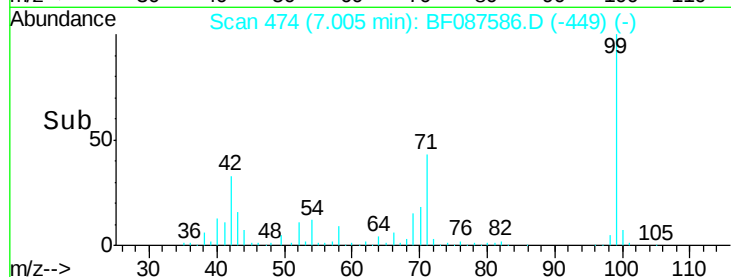
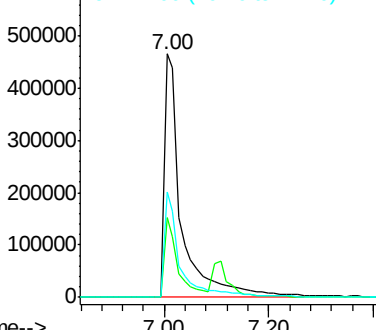
99 100

42 32.9 13.6 20.4#

71 43.0 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF087586.D

Acq: 31 May 2016 17:53

Tgt Ion: 136 Resp: 420789

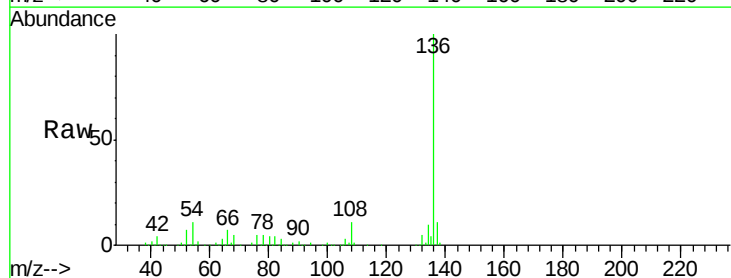
Ion Ratio Lower Upper

136 100

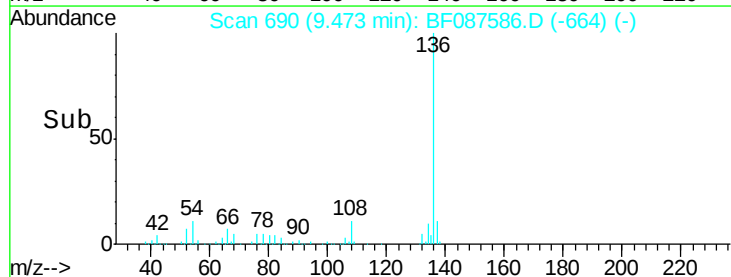
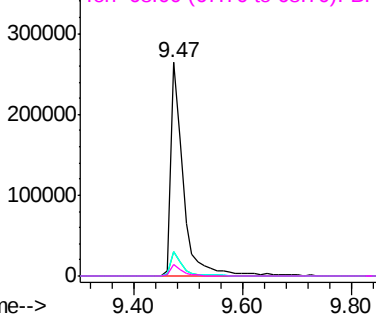
137 11.4 8.8 13.2

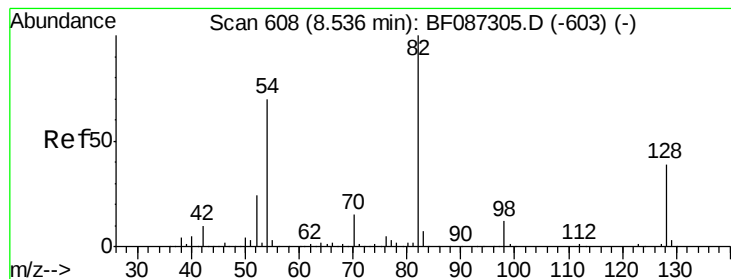
54 11.1 5.0 7.4#

68 5.5 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: 101.79 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.02 min

Lab File: BF087586.D

Acq: 31 May 2016 17:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616

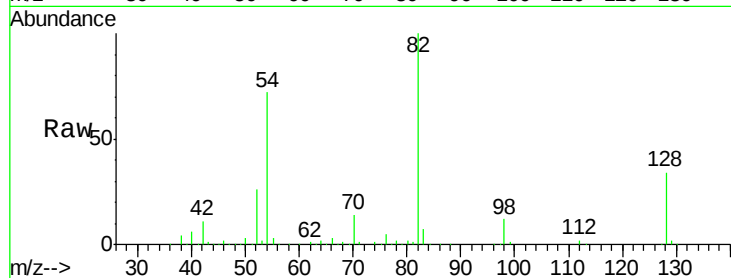
Tot Ion: 82 Resp: 849832

Ion Ratio Lower Upper

82 100

128 34.3 40.6 61.0#

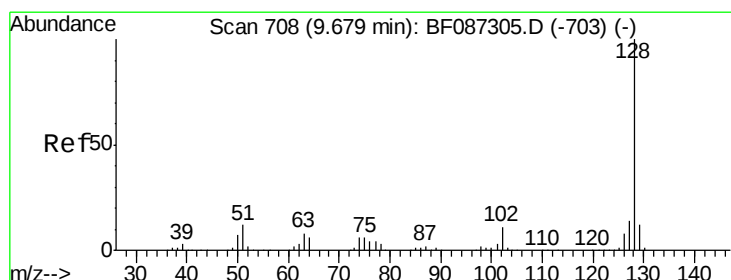
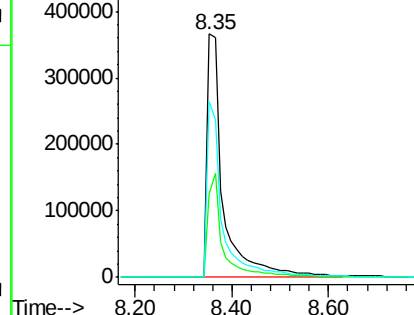
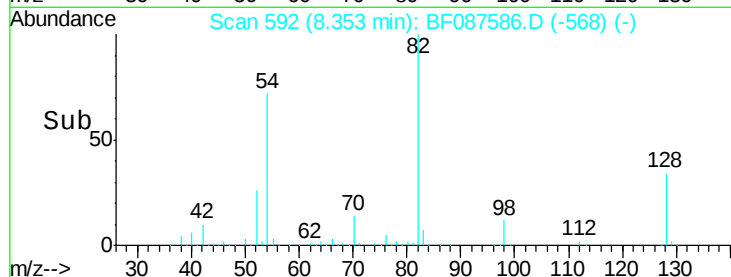
54 72.2 38.1 57.1#



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



#31

Naphthalene

Concen: 12.72 ng

RT: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF087586.D

Acq: 31 May 2016 17:53

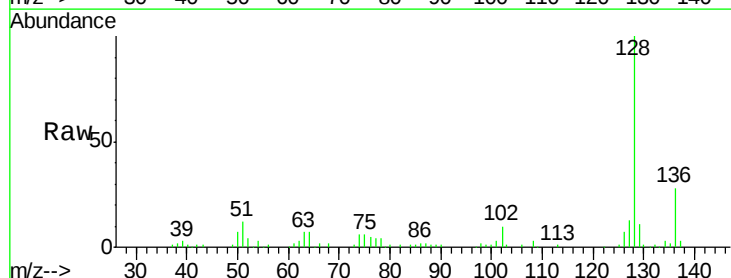
Tgt Ion: 128 Resp: 268102

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

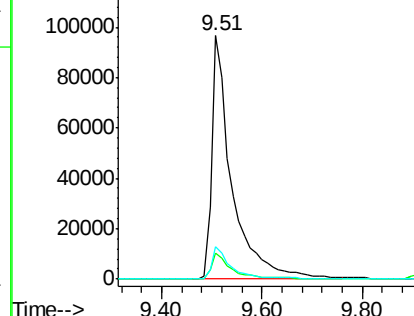
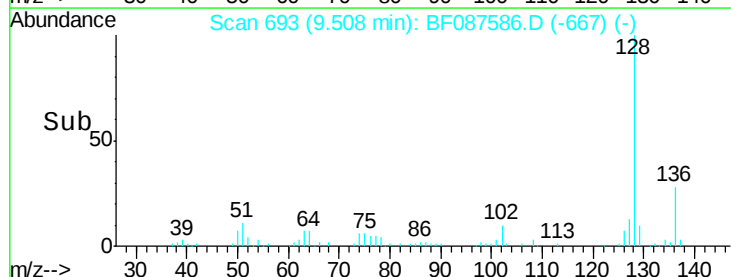
127 13.2 10.8 16.2

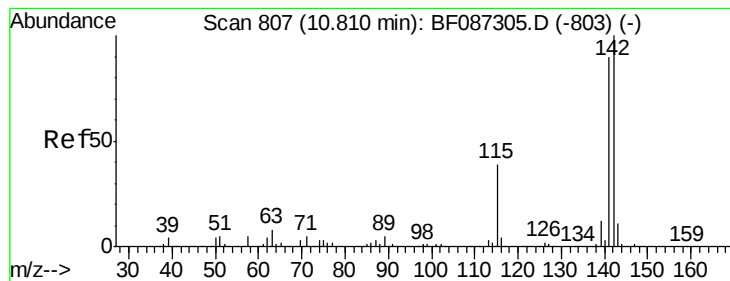


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 2.38 ng

RT: 10.68 min Scan# 796

Delta R.T. 0.05 min

Lab File: BF087586.D

Acq: 31 May 2016 17:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616

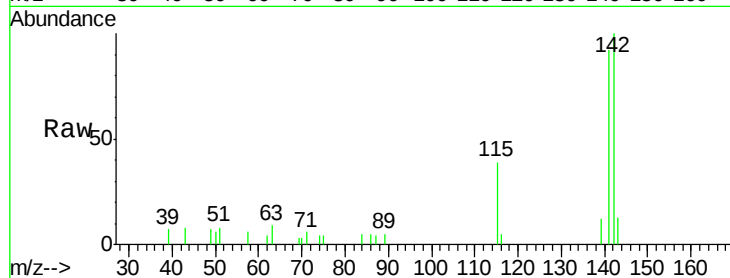
Tot Ion:142 Resp: 31319

Ion Ratio Lower Upper

142 100

141 92.4 71.0 106.6

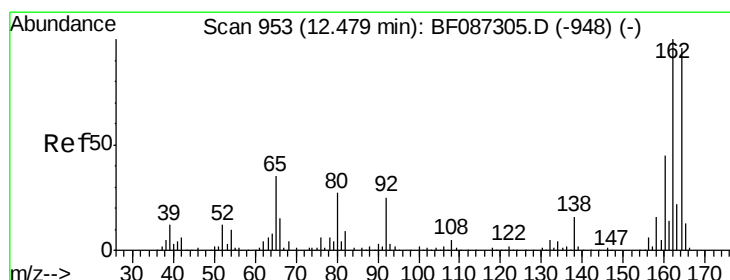
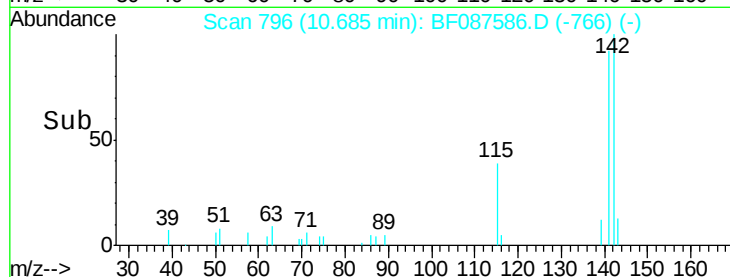
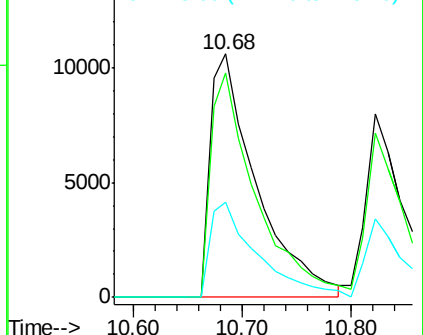
115 39.1 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF087586.D

Acq: 31 May 2016 17:53

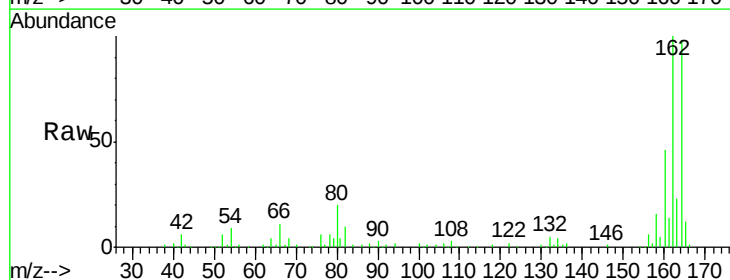
Tgt Ion:164 Resp: 181741

Ion Ratio Lower Upper

164 100

162 102.5 82.8 124.2

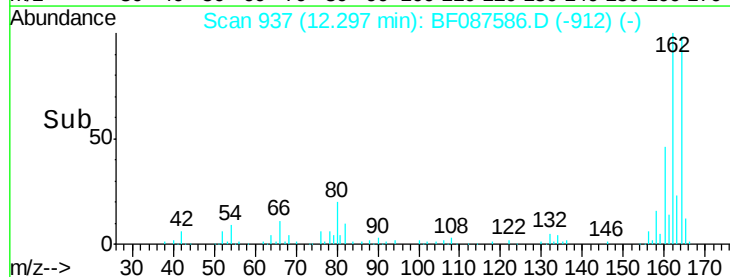
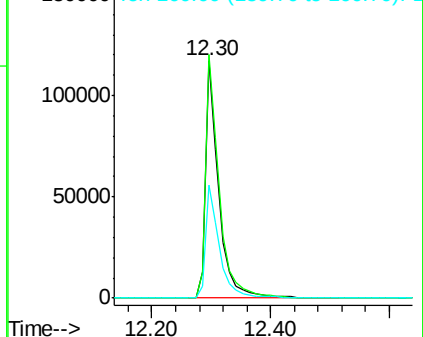
160 47.4 36.9 55.3

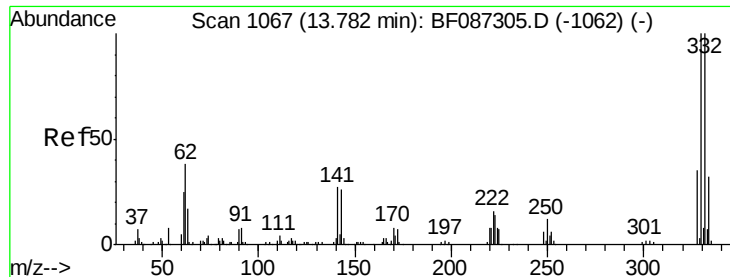


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

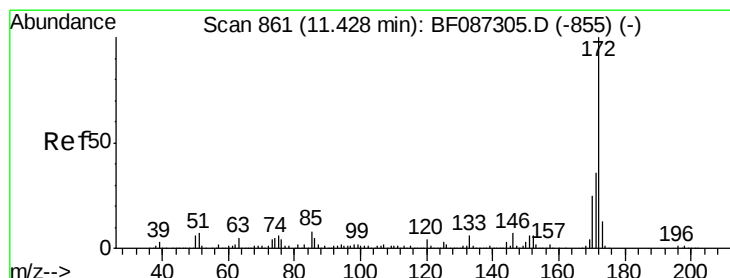
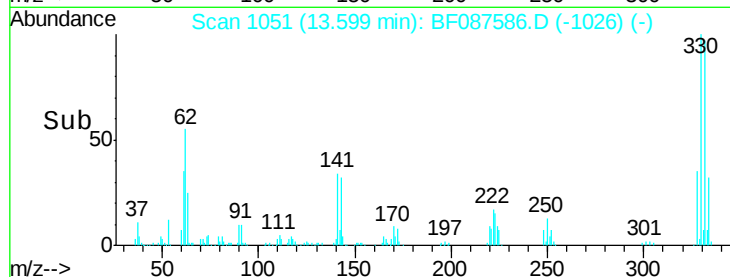
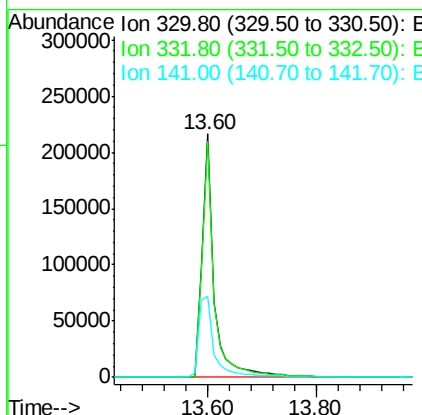
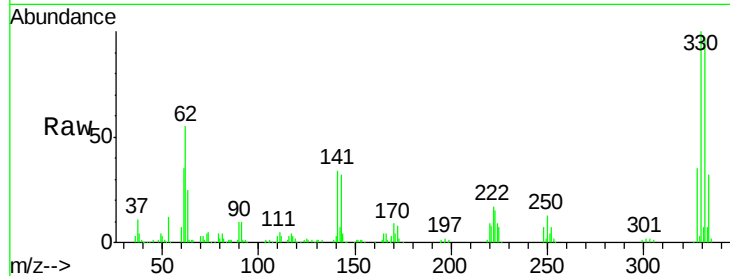




#41
 2,4,6-Tribromophenol
 Concen: 189.55 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF087586.D
 Acq: 31 May 2016 17:53

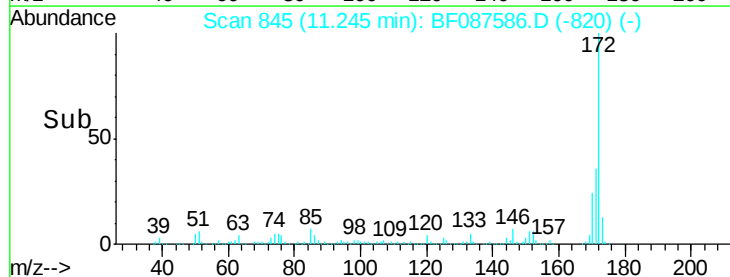
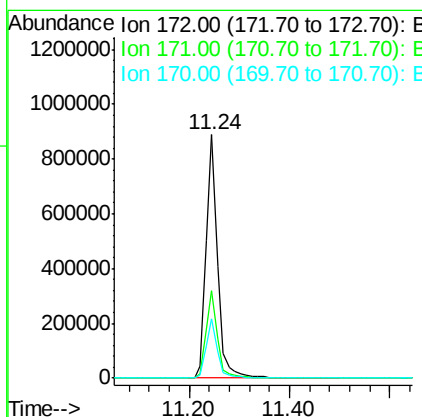
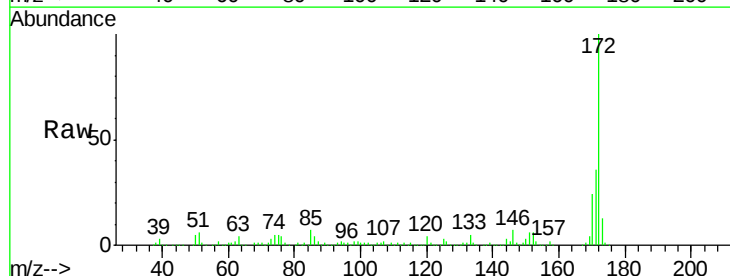
Instrument :
 BNA_F
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 HSR-WC-48-052616

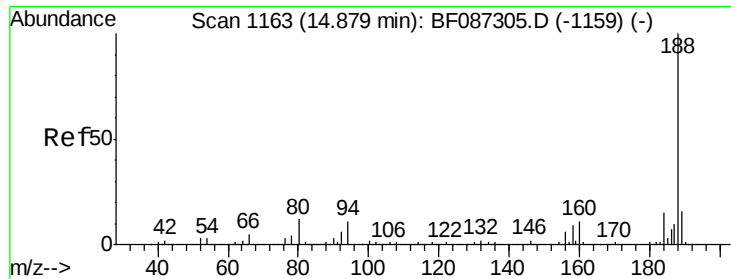
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	42.9	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 109.82 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF087586.D
 Acq: 31 May 2016 17:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.4	19.8	29.8

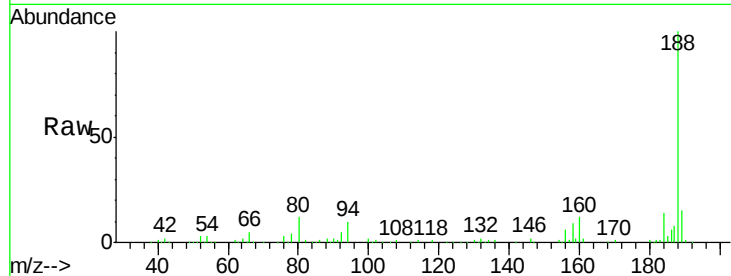




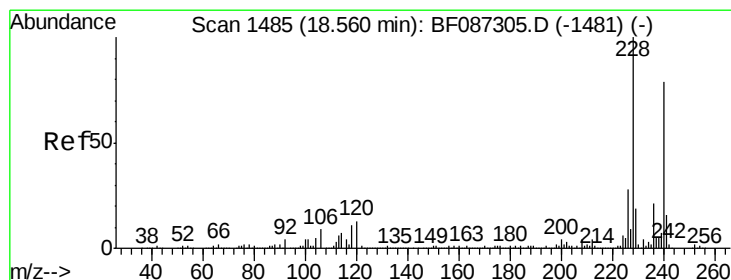
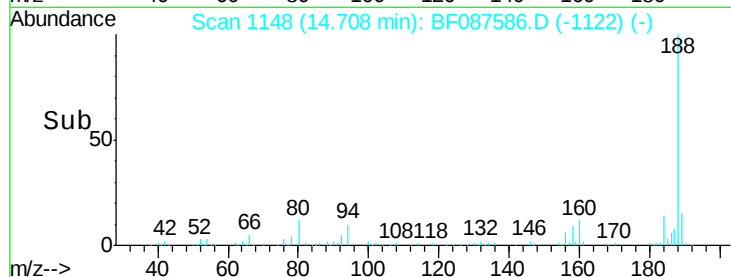
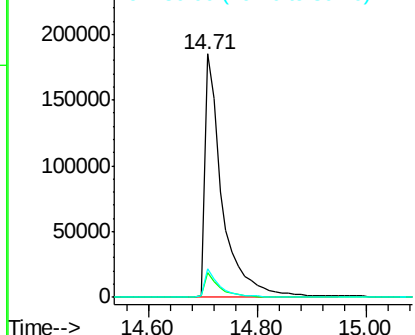
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616

Tot Ion:188 Resp: 412345
Ion Ratio Lower Upper
188 100
94 10.3 6.8 10.2#
80 11.9 7.1 10.7#

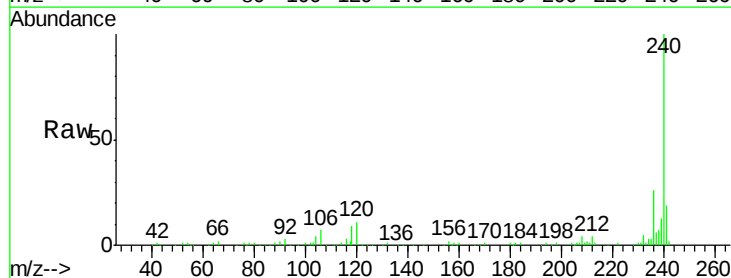


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

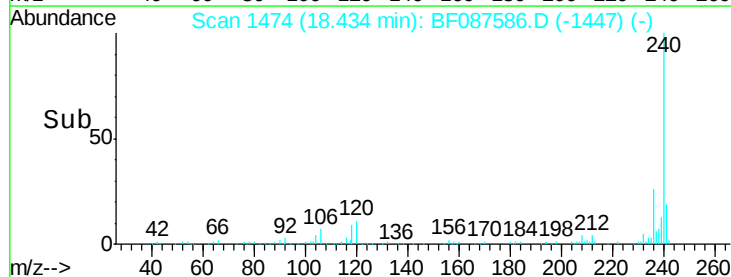
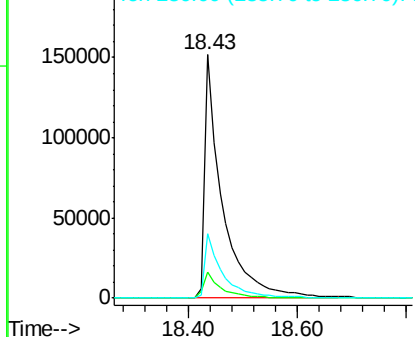


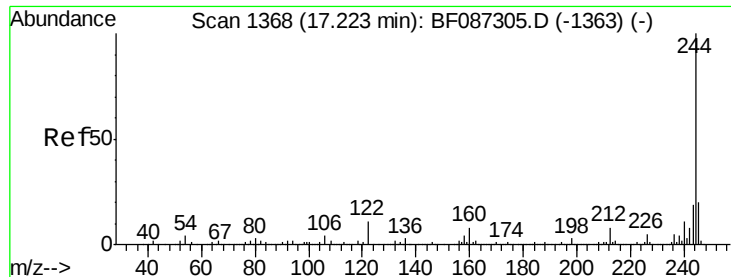
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. 0.01 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

Tgt Ion:240 Resp: 342443
Ion Ratio Lower Upper
240 100
120 10.9 11.2 16.8#
236 26.3 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

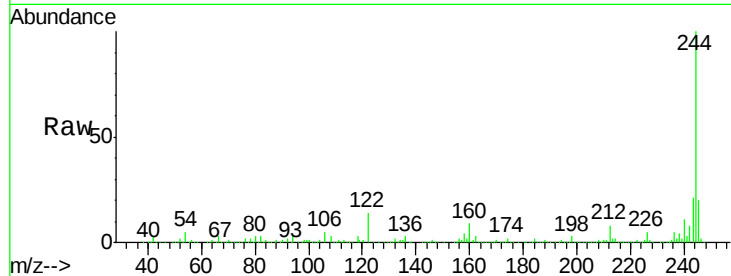




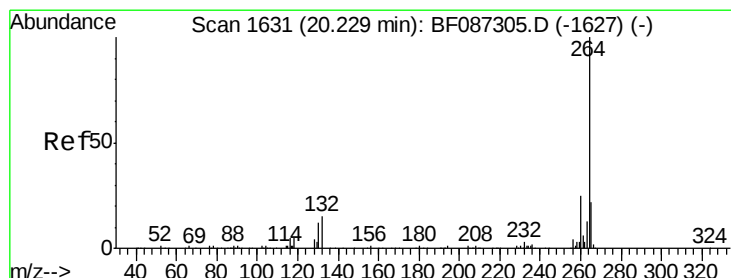
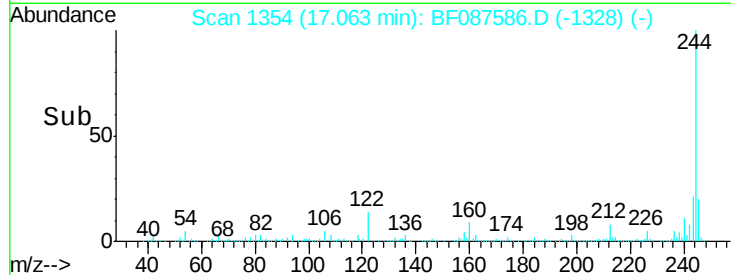
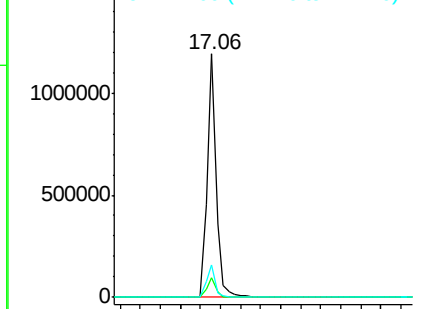
#78
 Terphenyl-d14
 Concen: 90.95 ng
 RT: 17.06 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF087586.D
 Acq: 31 May 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616

Tot Ion:244 Resp: 1464897
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 13.5 12.0 18.0

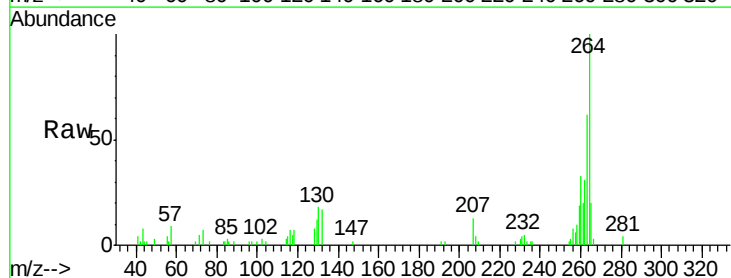


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.16 min Scan# 1625
 Delta R.T. 0.05 min
 Lab File: BF087586.D
 Acq: 31 May 2016 17:53

Tgt Ion:264 Resp: 60661
 Ion Ratio Lower Upper
 264 100
 260 32.9 19.5 29.3#
 265 19.9 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

