

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084514.D
 Acq On : 16 Jan 2016 2:33
 Operator : SJ/UM
 Sample : H1134-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-12

Quant Time: Jan 16 03:51:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 03:20:07 2016
 Response via : Initial Calibration

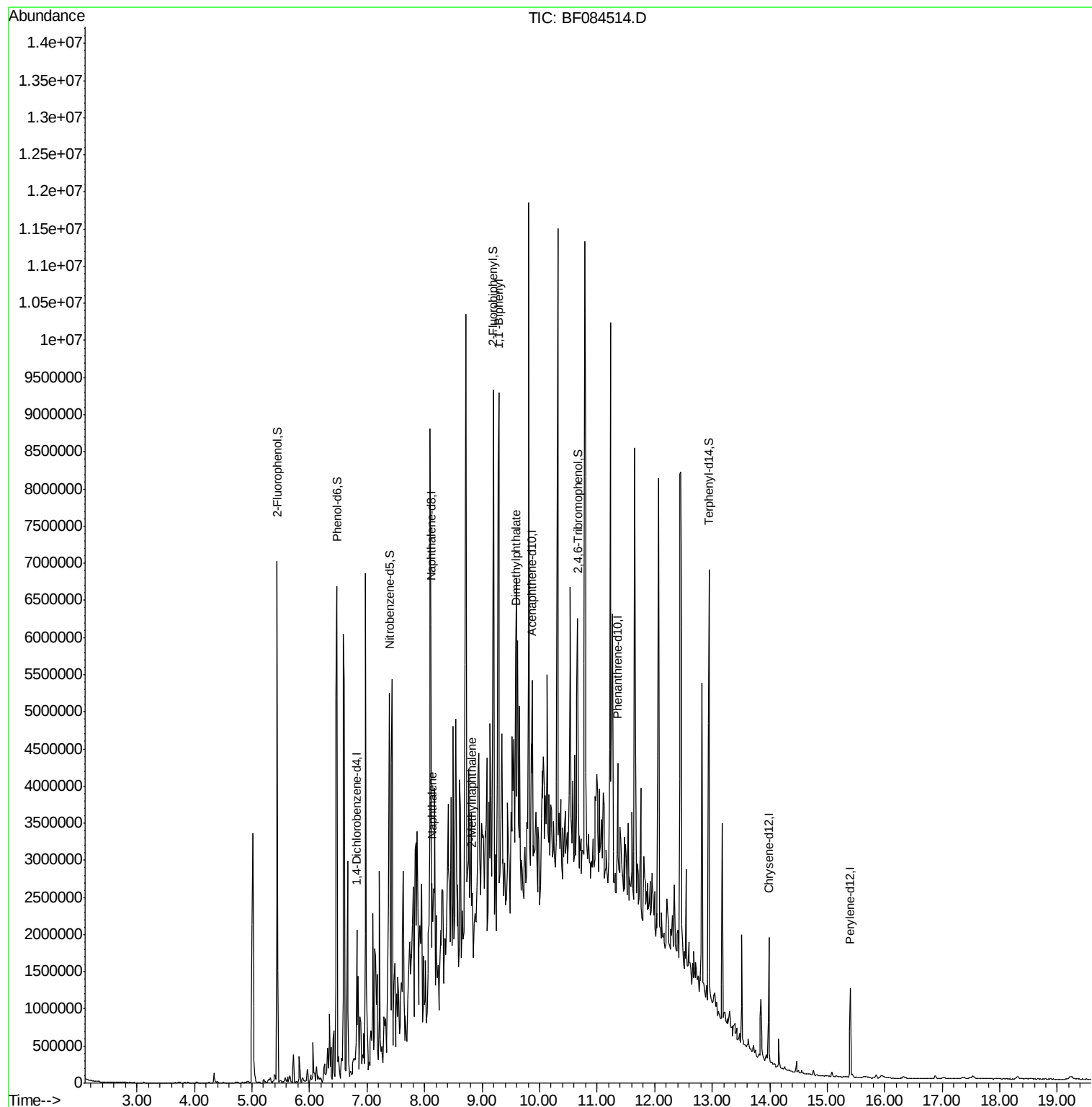
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	247831	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	831079	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	415491	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	742077	20.00	ng	0.01
75) Chrysene-d12	13.99	240	604114	20.00	ng	0.00
86) Perylene-d12	15.40	264	539905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	2100585	137.09	ng	0.01
7) Phenol-d6	6.48	99	3082598	160.19	ng	0.00
23) Nitrobenzene-d5	7.39	82	1666618	111.61	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	565051	134.70	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	2528037	108.81	ng	0.00
78) Terphenyl-d14	12.95	244	2203808	81.43	ng	0.01
Target Compounds						
31) Naphthalene	8.13	128	298276	7.91	ng	# 84
37) 2-Methylnaphthalene	8.83	142	301324	11.13	ng	97
45) 1,1'-Biphenyl	9.29	154	74289	2.25	ng	90
49) Dimethylphthalate	9.58	163	481797	16.22	ng	# 93

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

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Quant Time: Jan 16 03:51:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
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QLast Update : Sat Jan 16 03:20:07 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF084514.D

Acq: 16 Jan 2016 2:33

Instrument :

BNA_F

ClientSampled :

UST-12

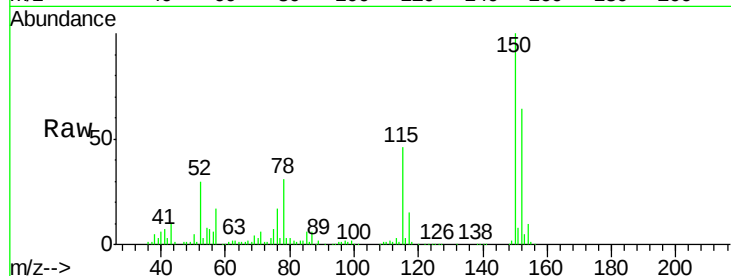
Tot Ion:152 Resp: 247831

Ion Ratio Lower Upper

152 100

150 157.1 123.0 184.4

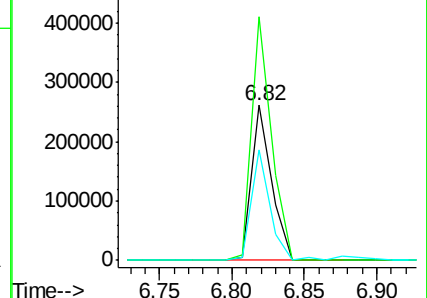
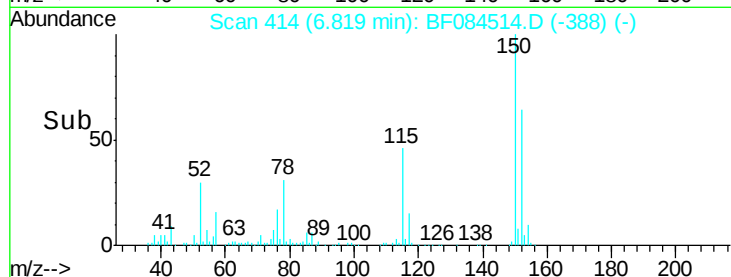
115 71.5 51.4 77.2



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: 137.09 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF084514.D

Acq: 16 Jan 2016 2:33

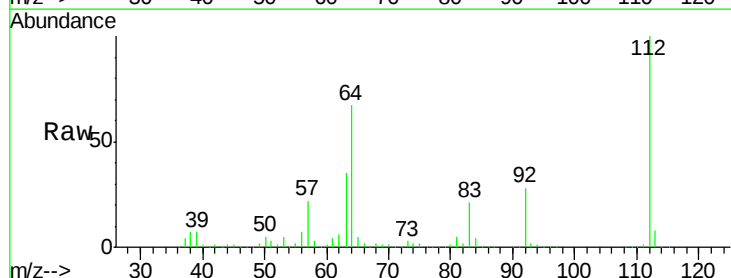
Tgt Ion:112 Resp: 2100585

Ion Ratio Lower Upper

112 100

64 66.5 36.6 55.0#

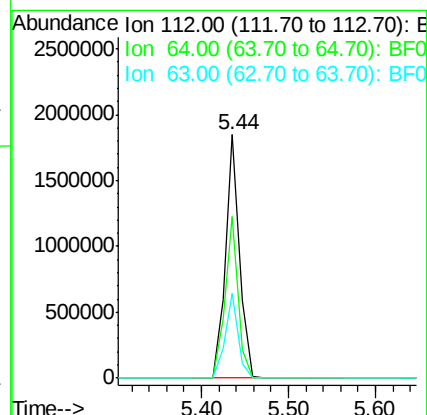
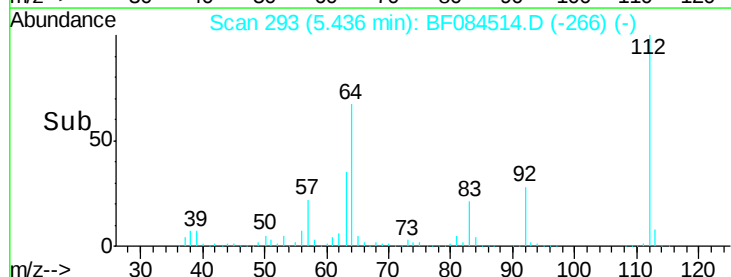
63 35.1 19.4 29.0#

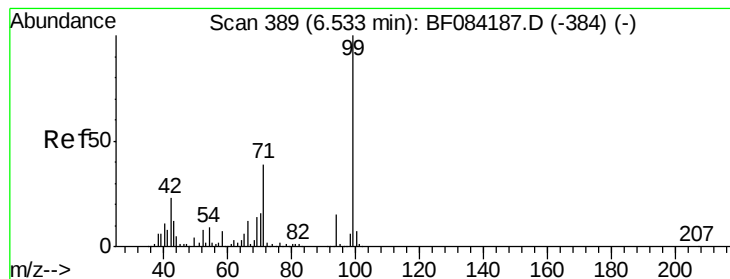


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 160.19 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084514.D

Acq: 16 Jan 2016 2:33

Instrument :

BNA_F

ClientSampleId :

UST-12

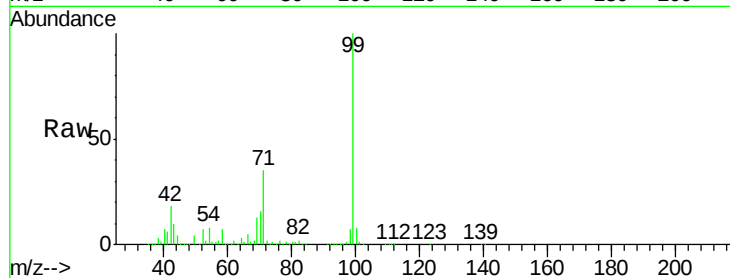
Tot Ion: 99 Resp: 3082598

Ion Ratio Lower Upper

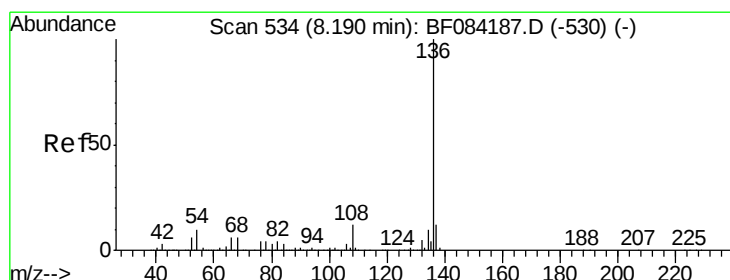
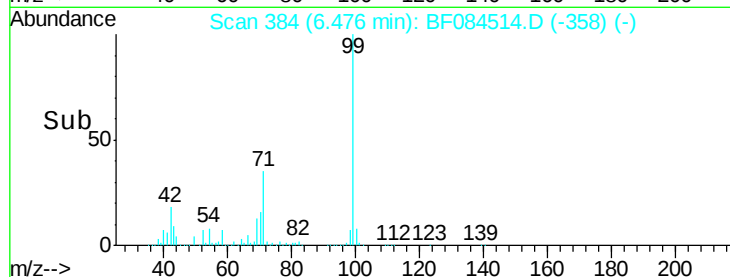
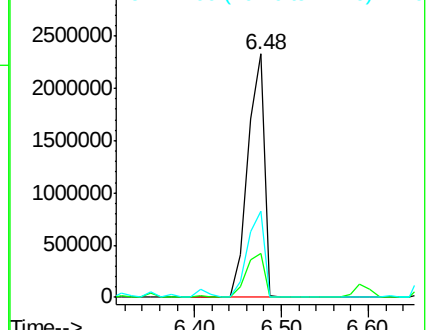
99 100

42 17.9 12.8 19.2

71 35.3 30.9 46.3



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: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084514.D

Acq: 16 Jan 2016 2:33

Tgt Ion: 136 Resp: 831079

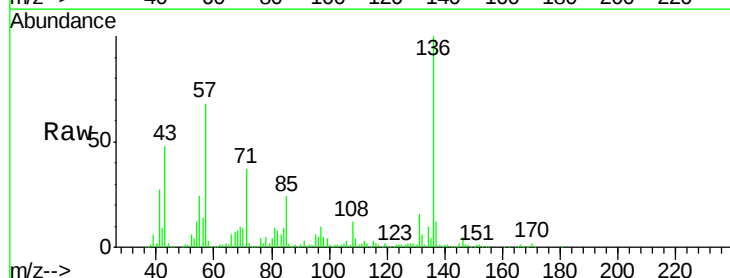
Ion Ratio Lower Upper

136 100

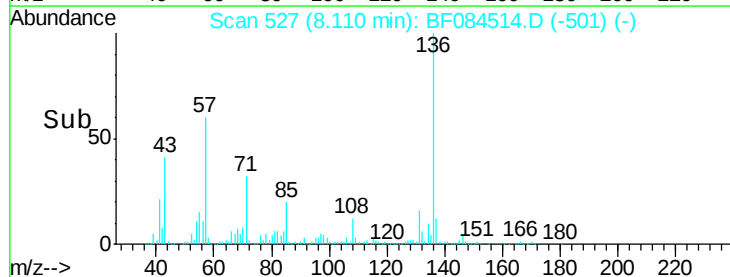
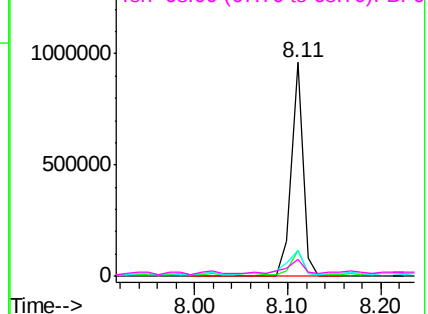
137 11.8 8.7 13.1

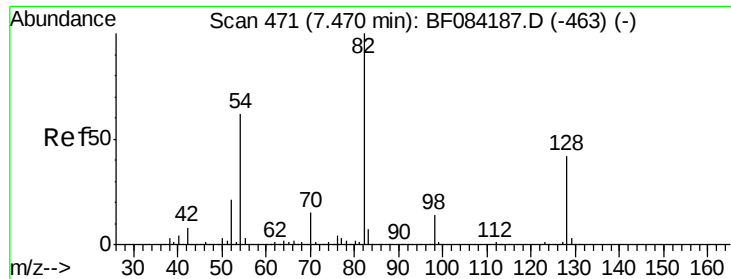
54 12.0 5.8 8.8#

68 7.9 4.2 6.2#



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

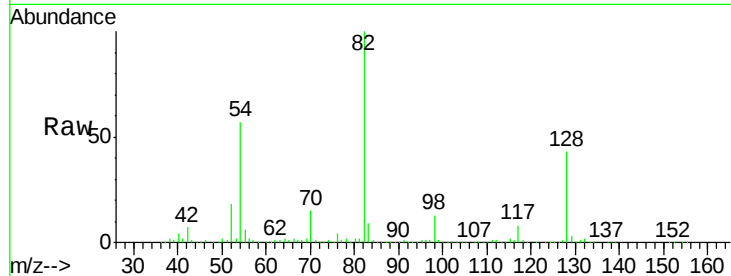




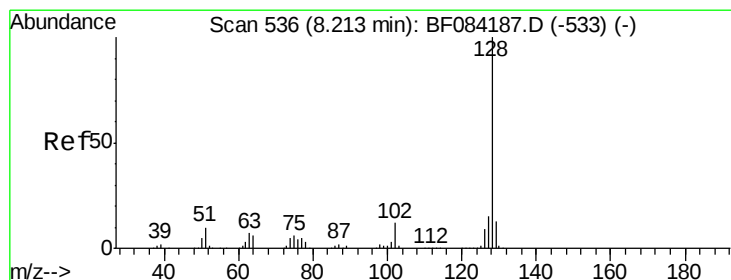
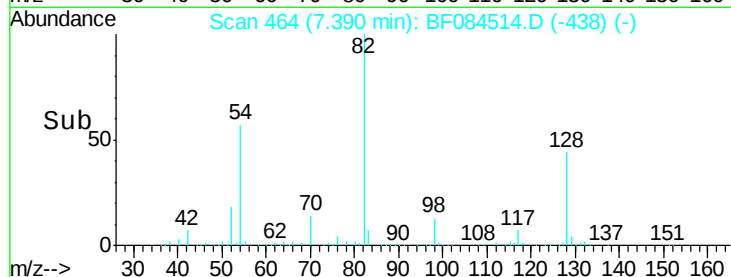
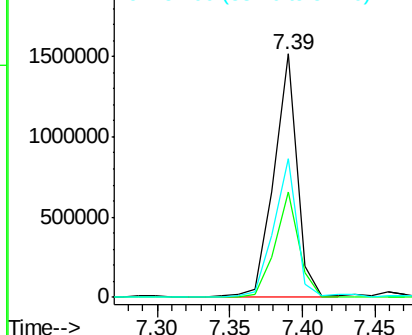
#23
Nitrobenzene-d5
Concen: 111.61 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084514.D
Acq: 16 Jan 2016 2:33

Instrument :
BNA_F
ClientSampleId :
UST-12

Tot Ion: 82 Resp: 1666618
Ion Ratio Lower Upper
82 100
128 43.4 34.6 51.8
54 57.1 38.4 57.6

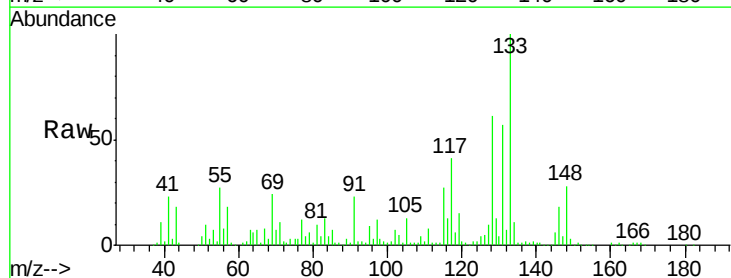


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

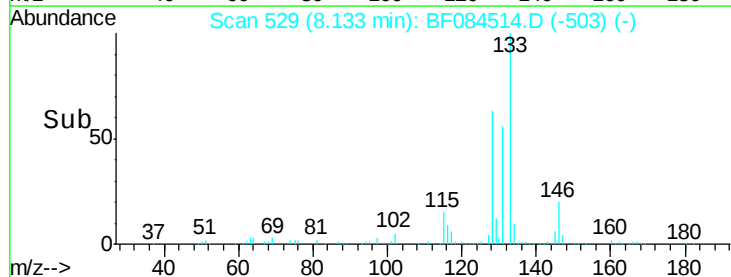
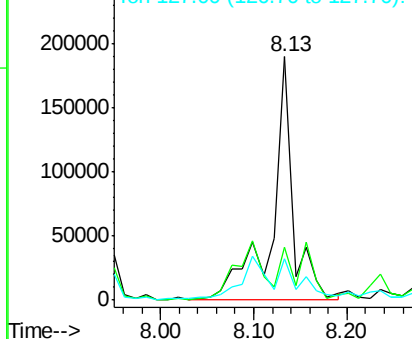


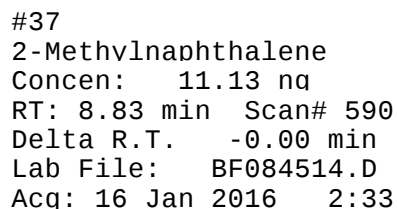
#31
Naphthalene
Concen: 7.91 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF084514.D
Acq: 16 Jan 2016 2:33

Tgt Ion: 128 Resp: 298276
Ion Ratio Lower Upper
128 100
129 21.9 9.1 13.7#
127 16.8 11.1 16.7#



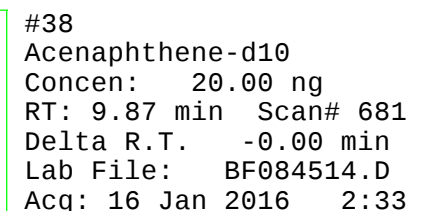
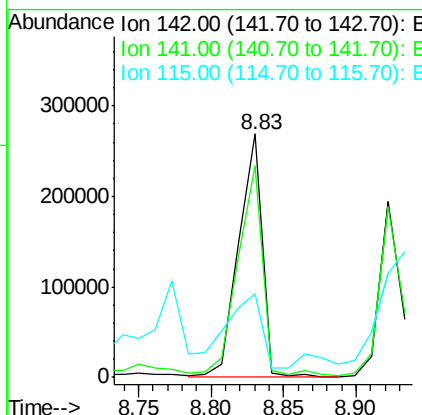
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



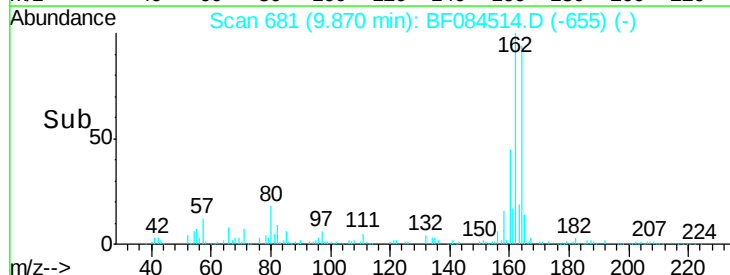
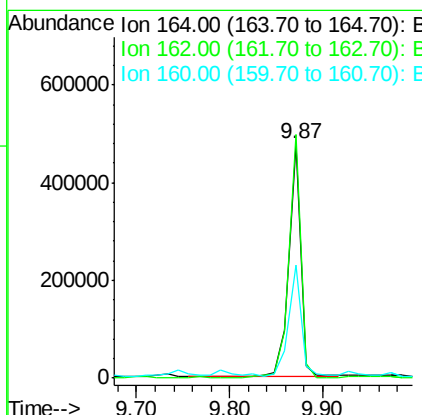


Instrument :
BNA_F
ClientSampleId :
UST-12

Tot	Ion:142	Resp:	301324
Ion	Ratio	Lower	Upper
142	100		
141	86.8	72.4	108.6
115	34.3	27.9	41.9



Tgt	Ion:164	Resp:	415491
Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.1	127.7
160	48.6	37.5	56.3

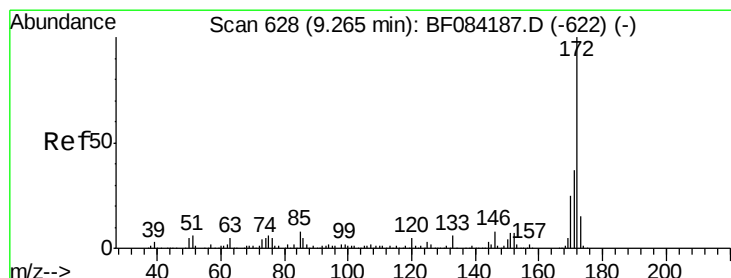
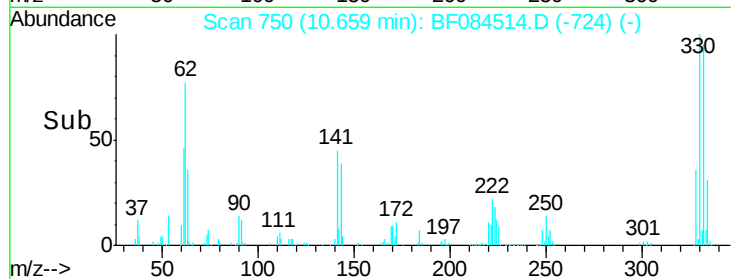
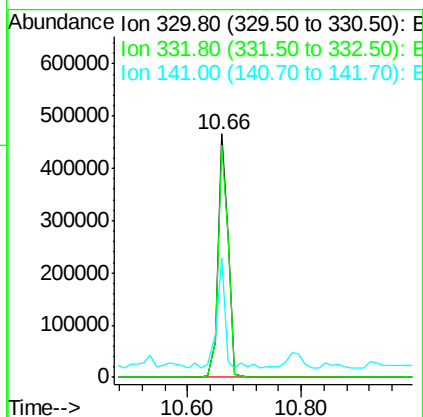
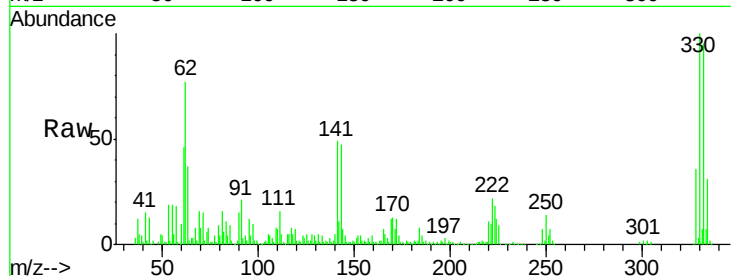




#41
 2,4,6-Tribromophenol
 Concen: 134.70 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084514.D
 Acq: 16 Jan 2016 2:33

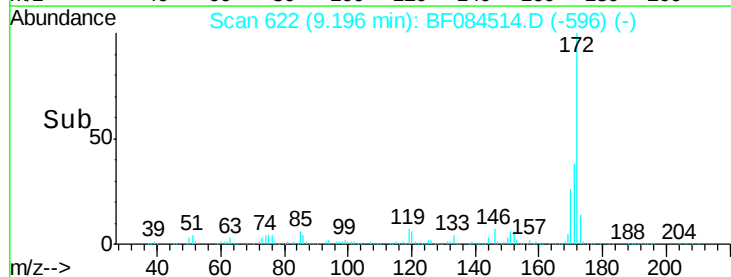
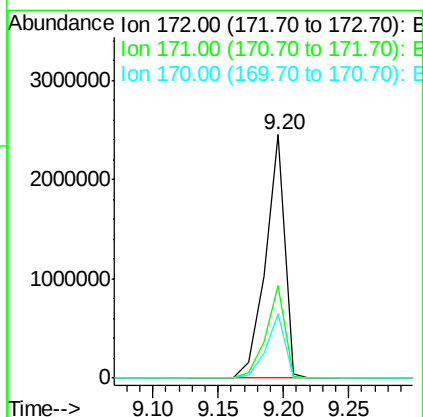
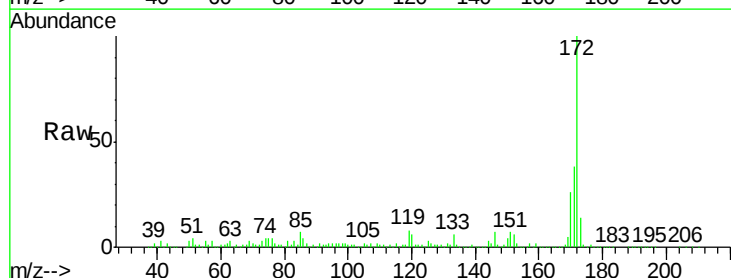
Instrument :
 BNA_F
 ClientSampleId :
 UST-12

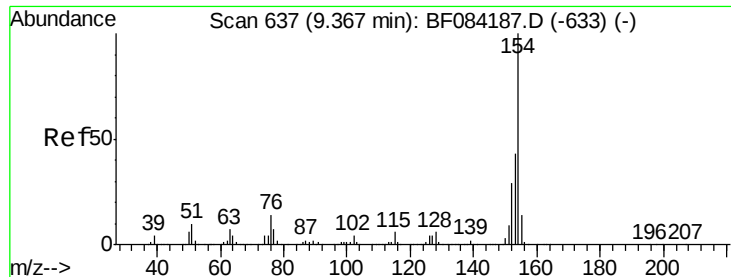
Tot Ion:330 Resp: 565051
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 37.0 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 108.81 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF084514.D
 Acq: 16 Jan 2016 2:33

Tgt Ion:172 Resp: 2528037
 Ion Ratio Lower Upper
 172 100
 171 37.9 28.9 43.3
 170 26.3 18.6 27.8





#45

1,1'-Biphenyl

Concen: 2.25 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF084514.D

Acq: 16 Jan 2016 2:33

Instrument :

BNA_F

ClientSampled :

UST-12

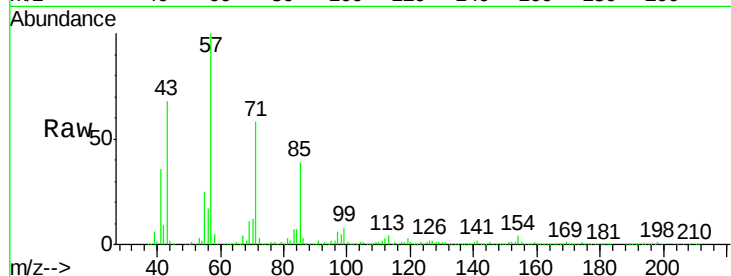
Tot Ion:154 Resp: 74289

Ion Ratio Lower Upper

154 100

153 34.4 21.6 61.6

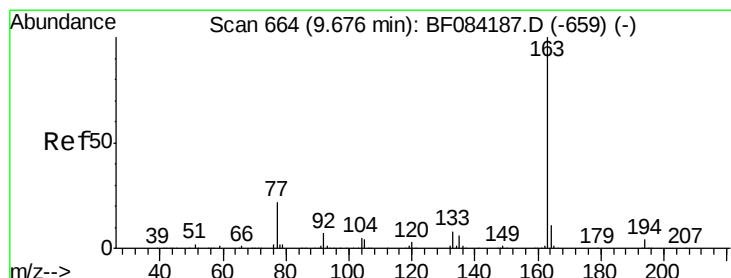
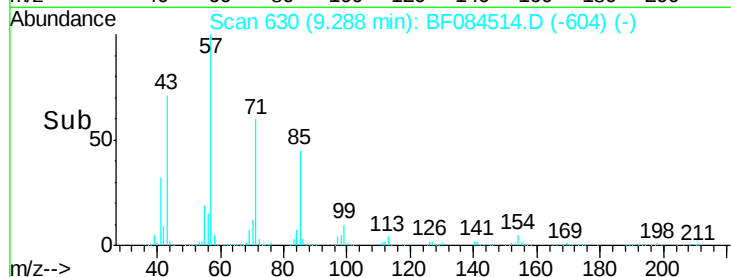
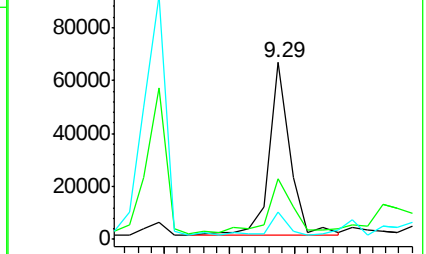
76 15.1 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 16.22 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF084514.D

Acq: 16 Jan 2016 2:33

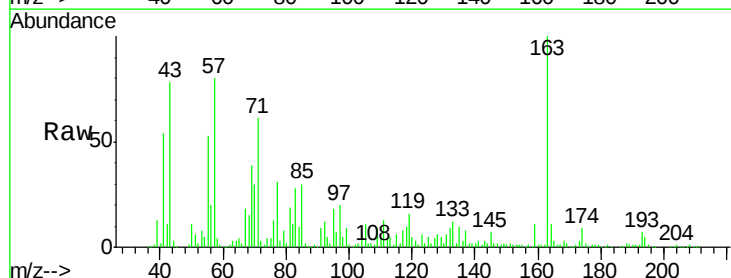
Tgt Ion:163 Resp: 481797

Ion Ratio Lower Upper

163 100

194 5.3 8.0 12.0#

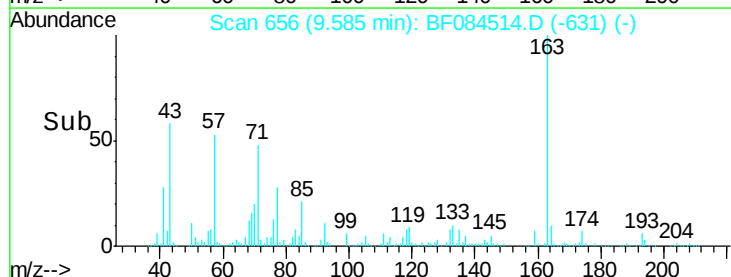
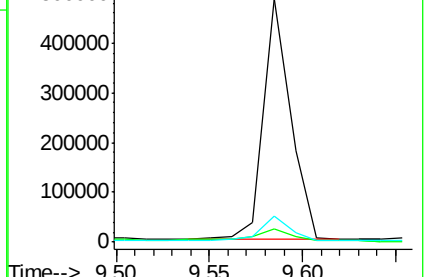
164 10.7 8.0 12.0

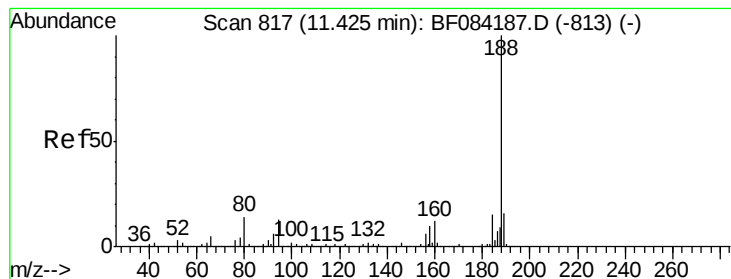


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF084514.D

Acq: 16 Jan 2016 2:33

Instrument :

BNA_F

ClientSampleId :

UST-12

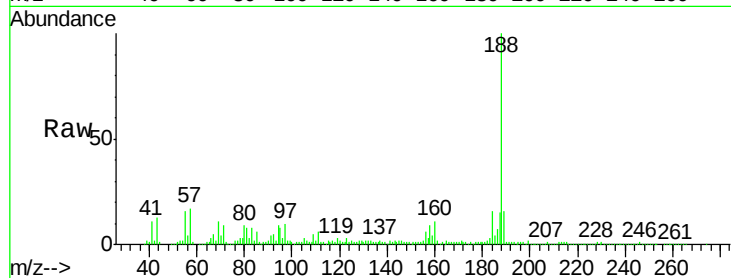
Tot Ion:188 Resp: 742077

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.4#

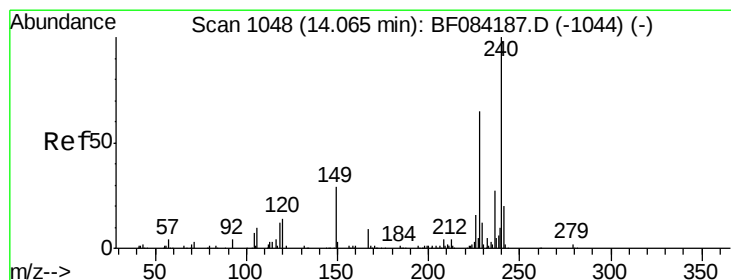
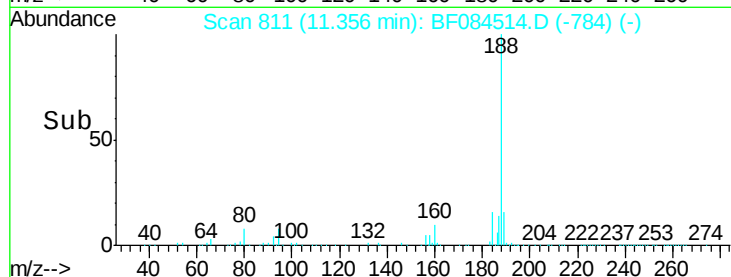
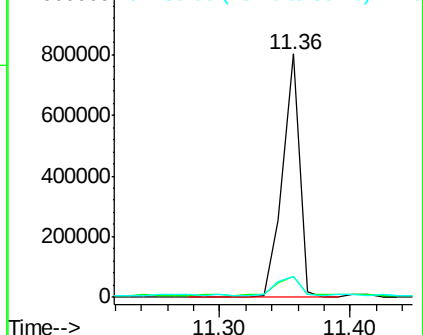
80 8.7 9.6 14.4#



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: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF084514.D

Acq: 16 Jan 2016 2:33

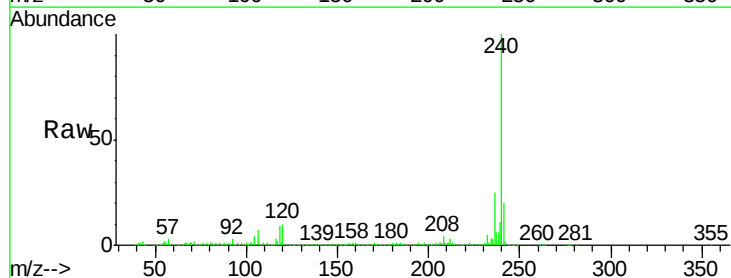
Tgt Ion:240 Resp: 604114

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

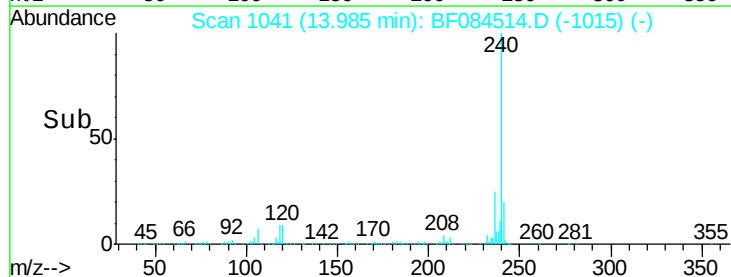
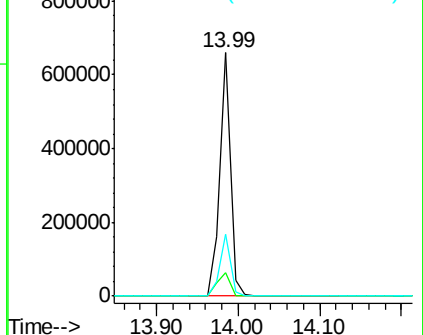
236 25.5 20.6 31.0

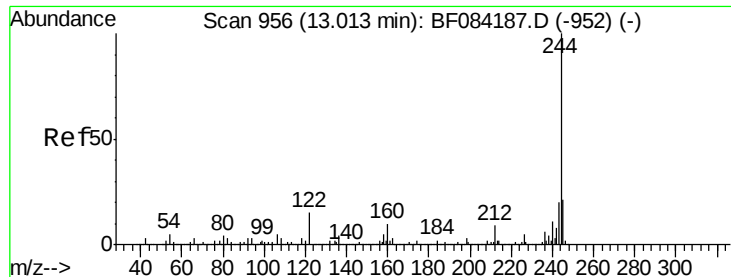


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.43 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF084514.D

Acq: 16 Jan 2016 2:33

Instrument :

BNA_F

ClientSampled :

UST-12

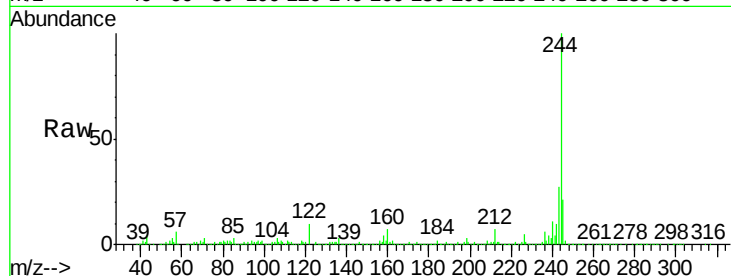
Tot Ion:244 Resp: 2203808

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

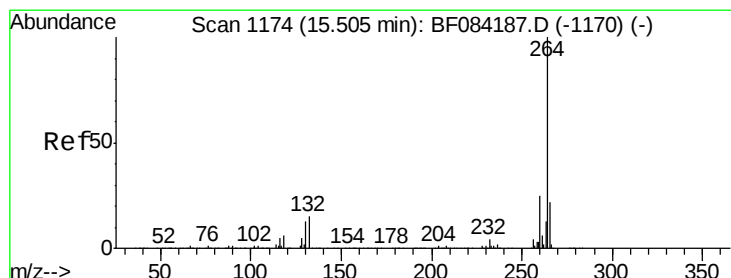
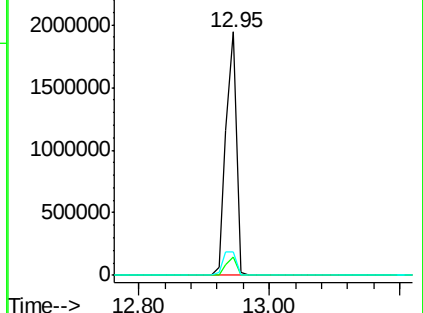
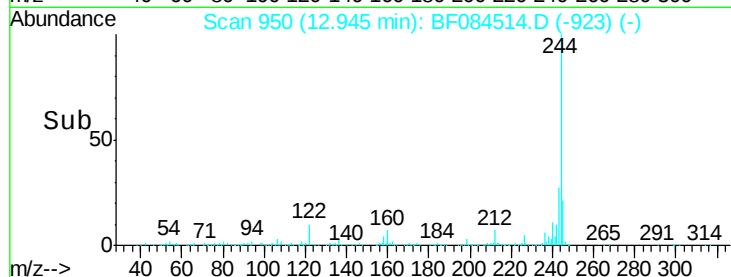
122 9.8 7.4 11.0



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: 15.40 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF084514.D

Acq: 16 Jan 2016 2:33

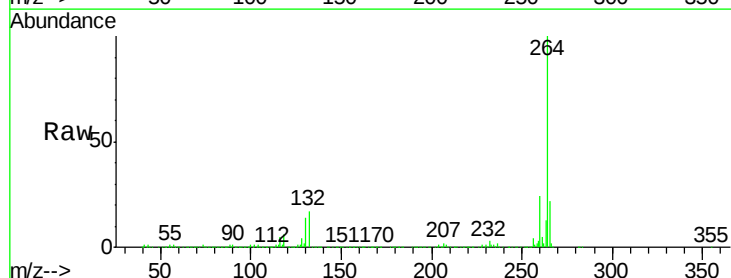
Tgt Ion:264 Resp: 539905

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 22.0 17.8 26.6



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

