

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091516\
 Data File : BF090090.D
 Acq On : 15 Sep 2016 14:18
 Operator : UM/SJ
 Sample : H4761-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-2

Quant Time: Sep 15 15:38:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

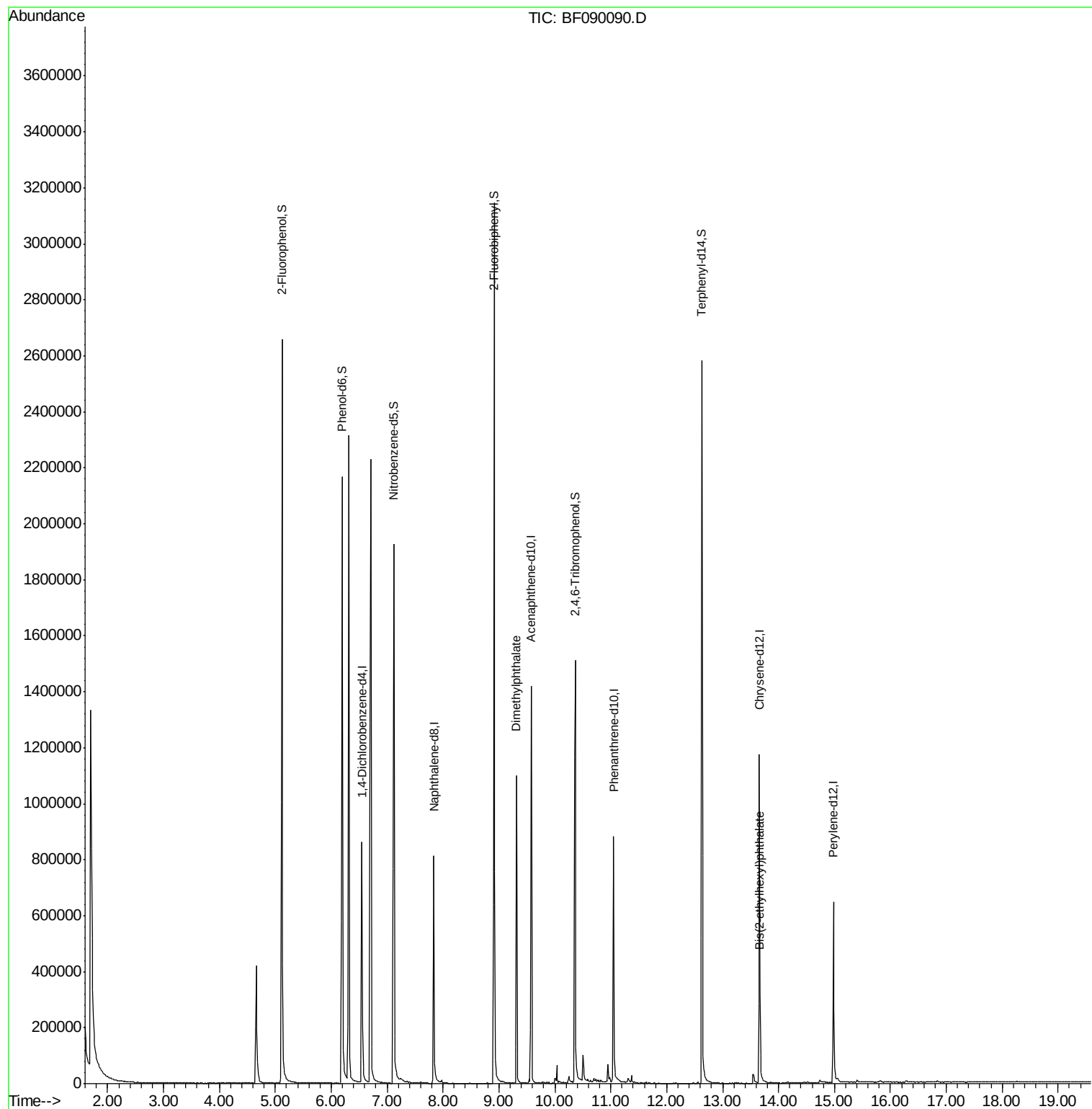
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	153402	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	596889	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	288470	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	519297	20.00	ng	0.00
75) Chrysene-d12	13.66	240	438876	20.00	ng	-0.01
86) Perylene-d12	14.98	264	297266	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	986689	103.45	ng	0.00
7) Phenol-d6	6.19	99	1407435	112.71	ng	-0.01
23) Nitrobenzene-d5	7.12	82	838229	78.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	300562	103.73	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1159925	63.15	ng	-0.01
78) Terphenyl-d14	12.63	244	969749	52.47	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.31	163	450925	21.05	ng	99
83) Bis(2-ethylhexyl)phthalate	13.67	149	66149	3.35	ng	# 96

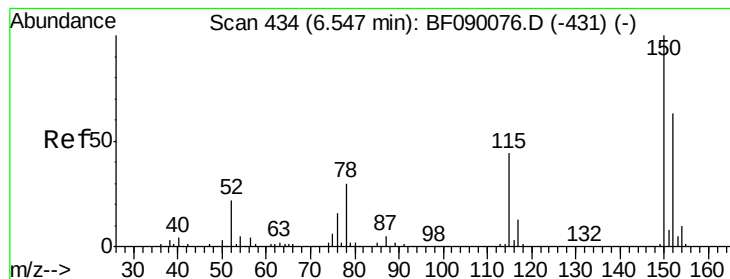
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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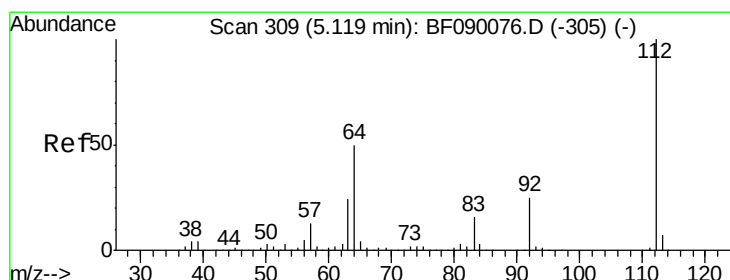
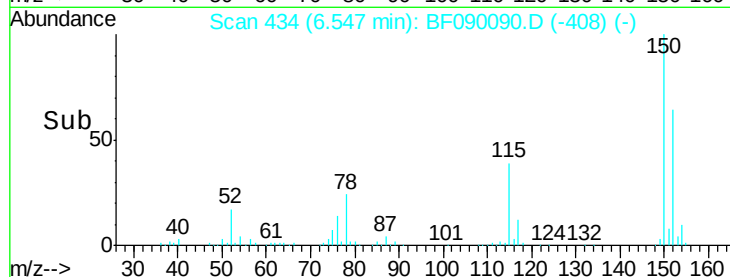
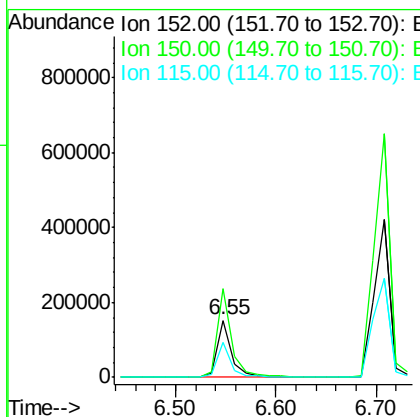
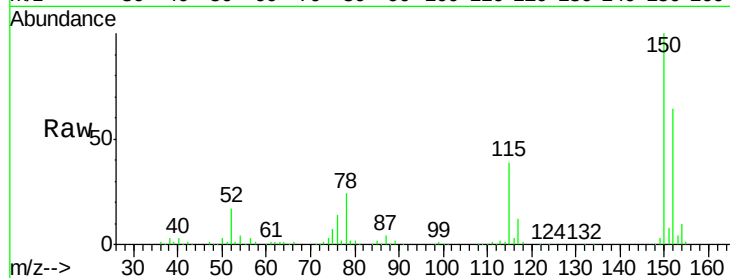




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.55 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BF090090.D
 Acq: 15 Sep 2016 14:18

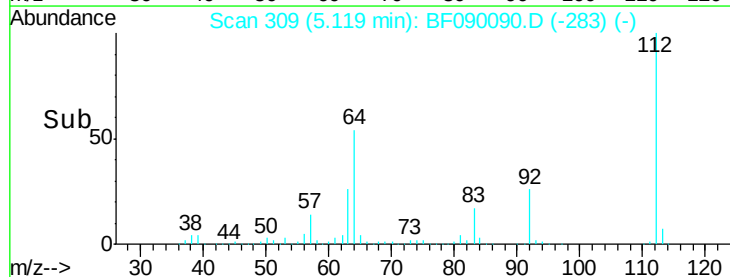
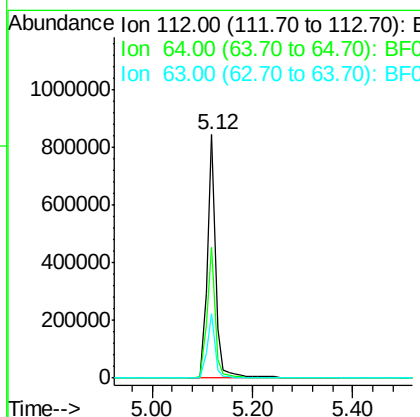
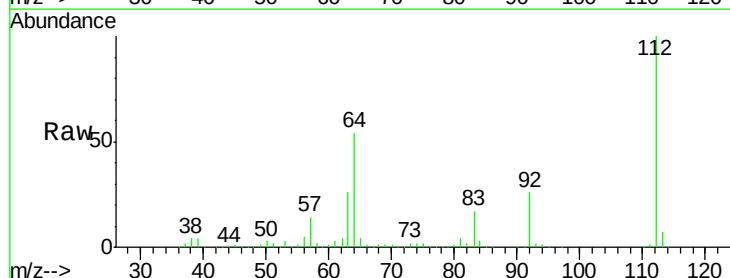
Instrument :
 BNA_F
 ClientSampleId :
 UST-2

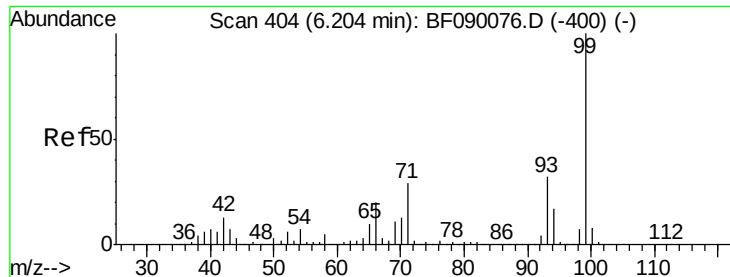
Tot Ion:152 Resp: 153402
 Ion Ratio Lower Upper
 152 100
 150 155.9 128.9 193.3
 115 61.3 55.5 83.3



#5
 2-Fluorophenol
 Concen: 103.45 ng
 RT: 5.12 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: BF090090.D
 Acq: 15 Sep 2016 14:18

Tgt Ion:112 Resp: 986689
 Ion Ratio Lower Upper
 112 100
 64 53.8 39.8 59.6
 63 26.3 18.9 28.3





#7

Phenol-d6

Concen: 112.71 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF090090.D

Acq: 15 Sep 2016 14:18

Instrument :

BNA_F

ClientSampleId :

UST-2

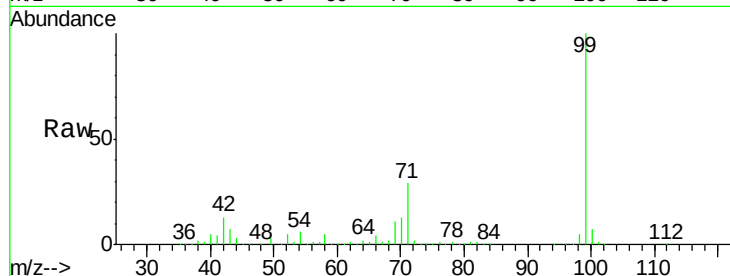
Tot Ion: 99 Resp: 1407435

Ion Ratio Lower Upper

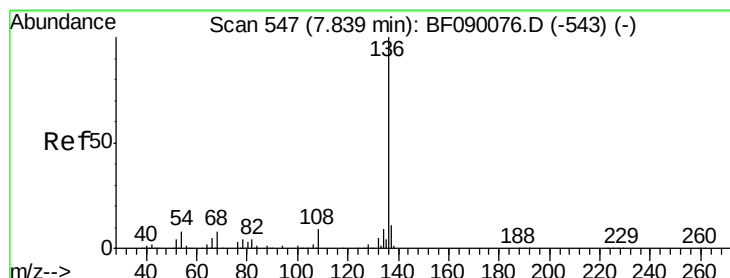
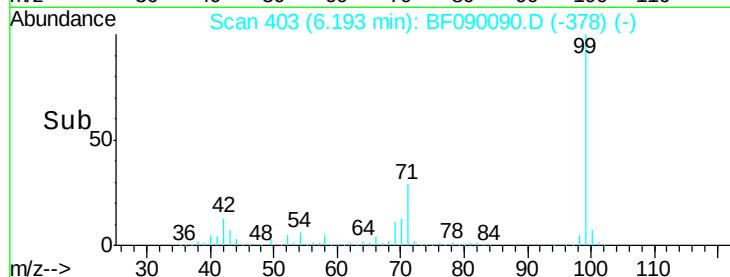
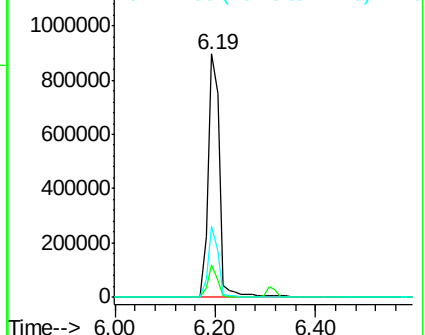
99 100

42 13.1 10.6 15.8

71 29.1 23.0 34.6



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: 7.84 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF090090.D

Acq: 15 Sep 2016 14:18

Tgt Ion: 136 Resp: 596889

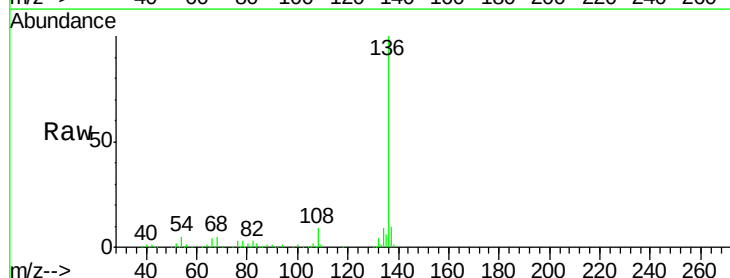
Ion Ratio Lower Upper

136 100

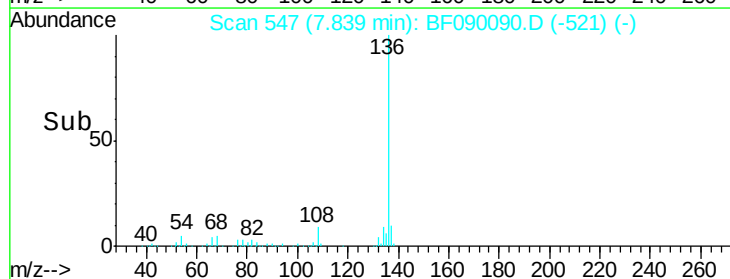
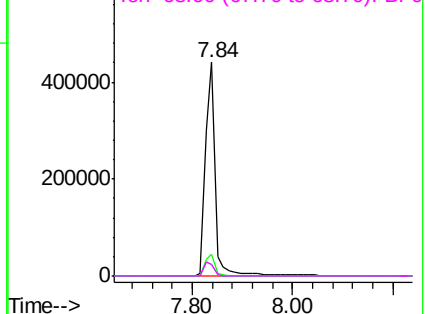
137 10.5 9.0 13.4

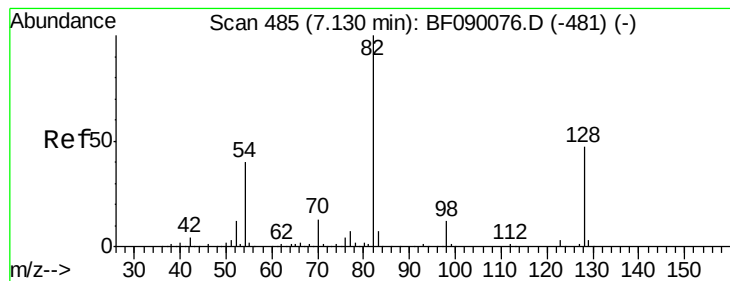
54 5.5 6.4 9.6#

68 5.4 6.3 9.5#



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: 78.96 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF090090.D

Acq: 15 Sep 2016 14:18

Instrument :

BNA_F

ClientSampled :

UST-2

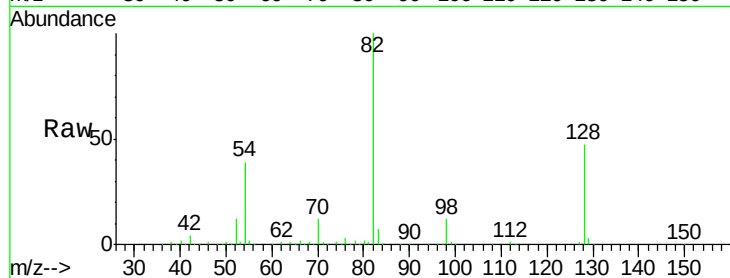
Tot Ion: 82 Resp: 838229

Ion Ratio Lower Upper

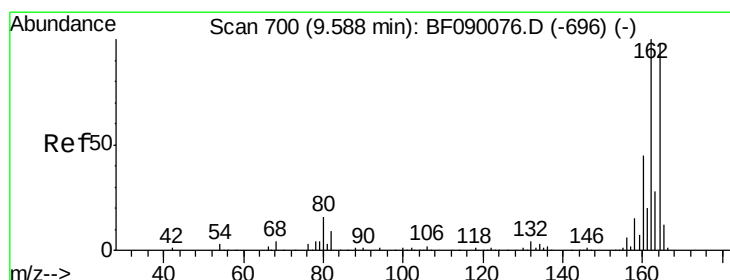
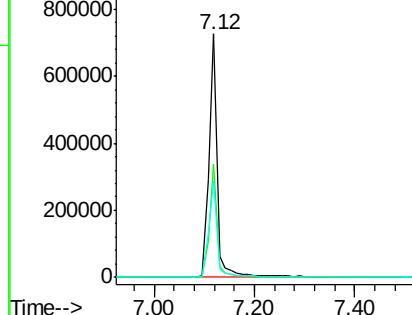
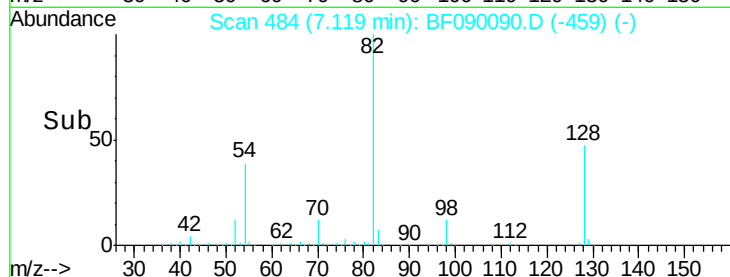
82 100

128 46.6 37.5 56.3

54 39.4 31.9 47.9



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: 9.58 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF090090.D

Acq: 15 Sep 2016 14:18

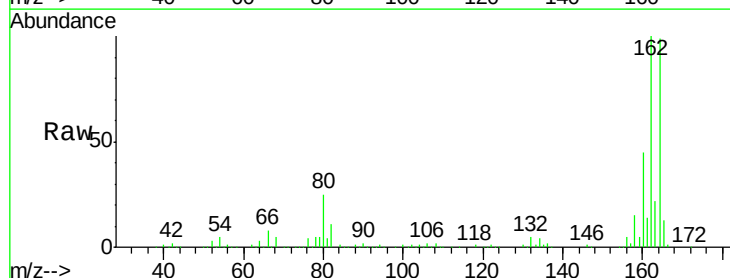
Tgt Ion: 164 Resp: 288470

Ion Ratio Lower Upper

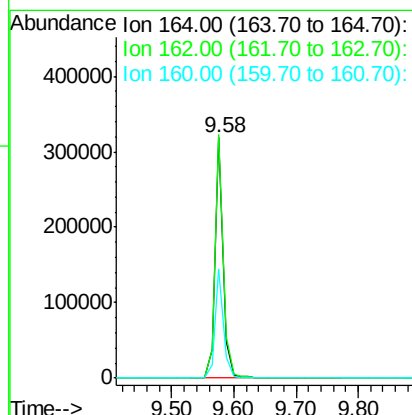
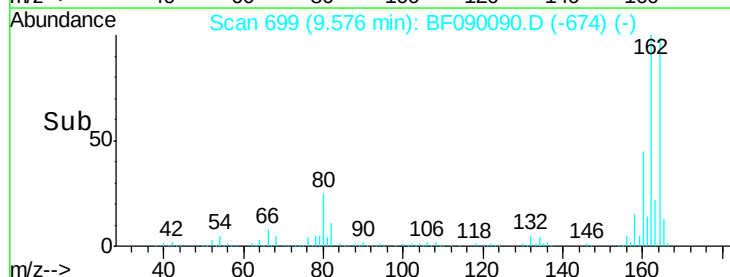
164 100

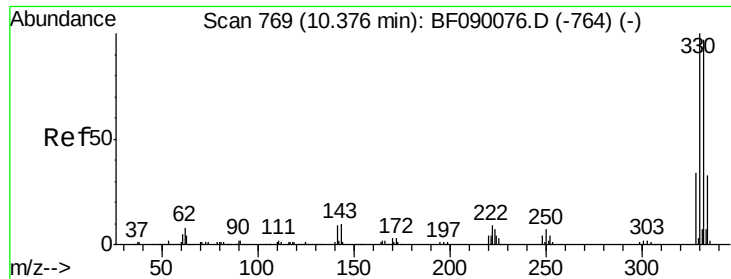
162 101.1 81.4 122.2

160 45.4 36.6 54.8



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

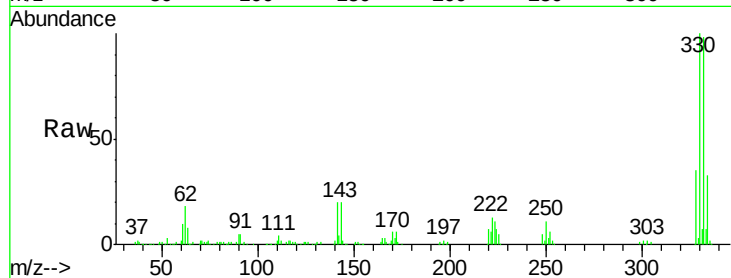




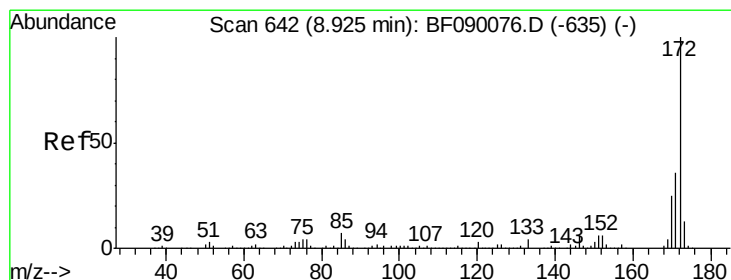
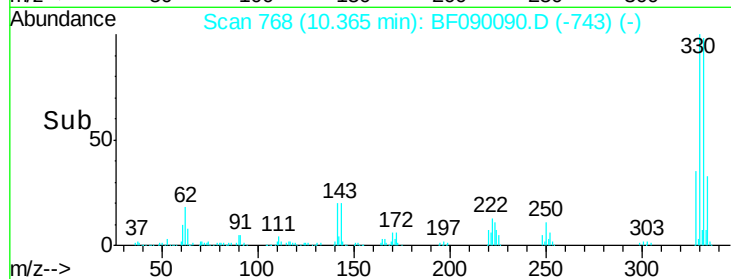
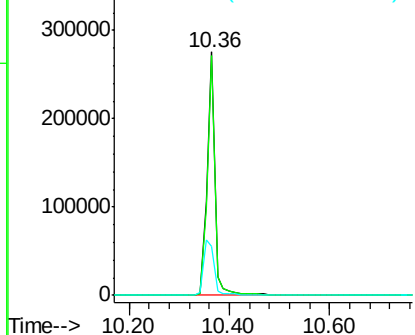
#41
 2,4,6-Tribromophenol
 Concen: 103.73 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF090090.D
 Acq: 15 Sep 2016 14:18

Instrument :
 BNA_F
 ClientSampleId :
 UST-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.1	117.1
141	31.2	23.9	35.9

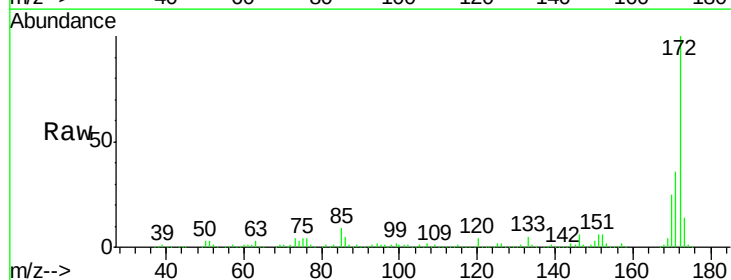


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

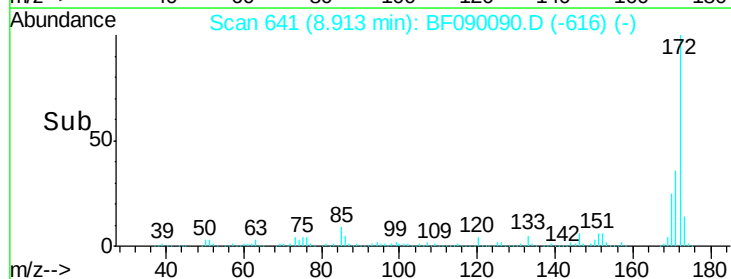
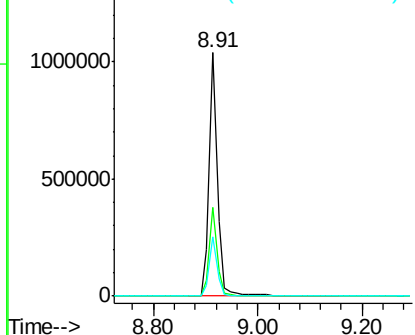


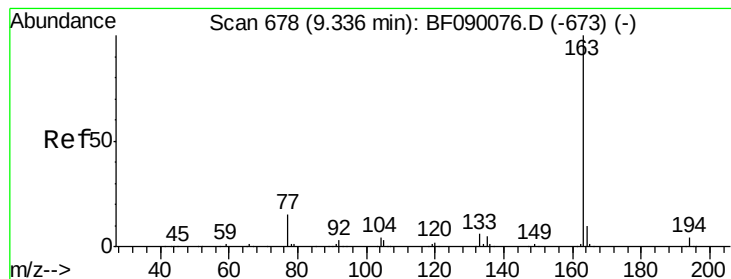
#44
 2-Fluorobiphenyl
 Concen: 63.15 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090090.D
 Acq: 15 Sep 2016 14:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
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





#49

Dimethylphthalate

Concen: 21.05 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF090090.D

Acq: 15 Sep 2016 14:18

Instrument :

BNA_F

ClientSampleId :

UST-2

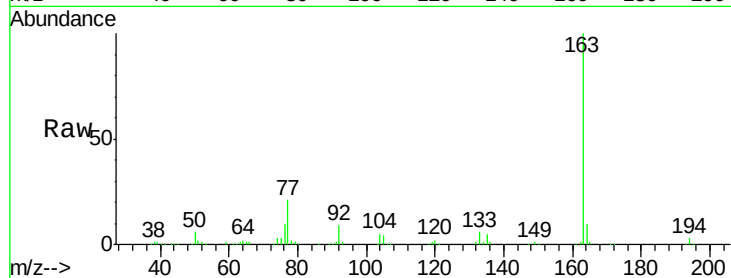
Tot Ion:163 Resp: 450925

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

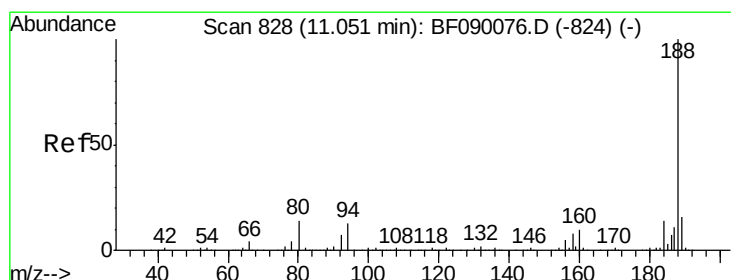
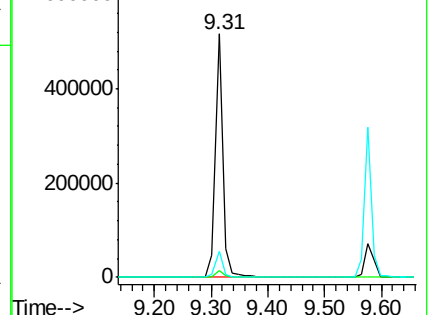
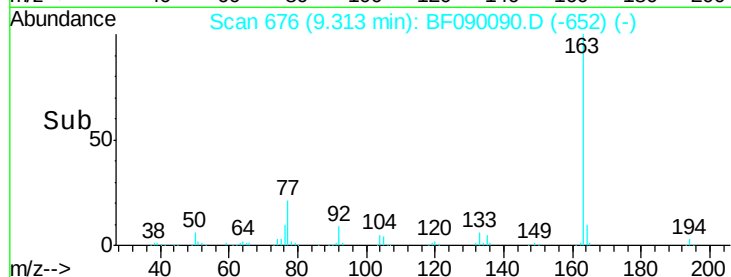
164 10.4 8.1 12.1



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: 11.05 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF090090.D

Acq: 15 Sep 2016 14:18

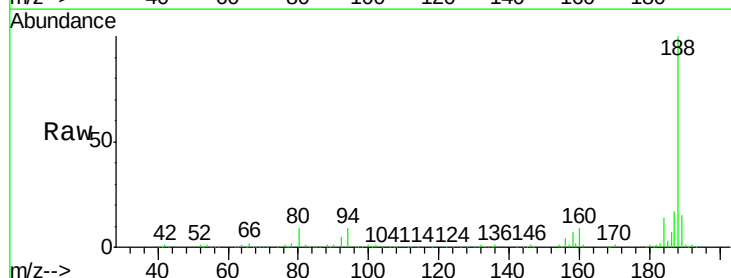
Tgt Ion:188 Resp: 519297

Ion Ratio Lower Upper

188 100

94 8.7 10.5 15.7#

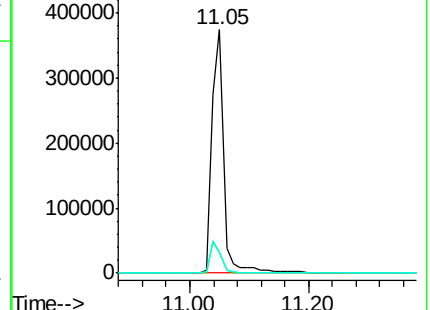
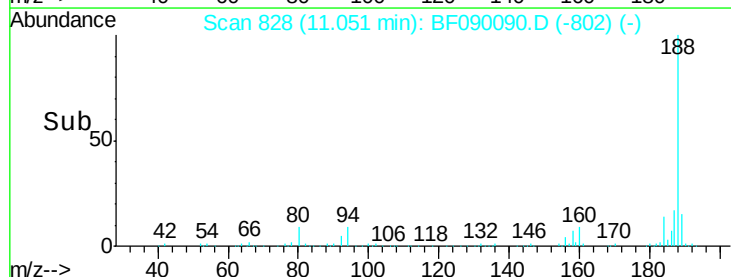
80 8.6 11.2 16.8#

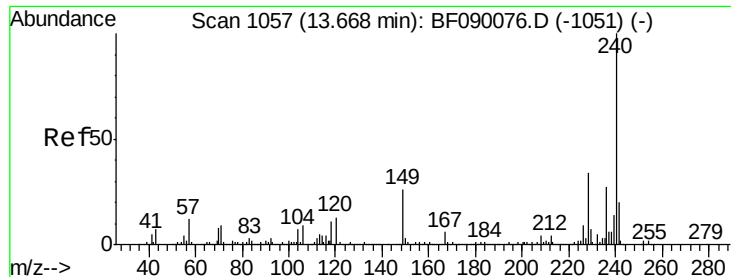


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.66 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF090090.D

Acq: 15 Sep 2016 14:18

Instrument :

BNA_F

ClientSampleId :

UST-2

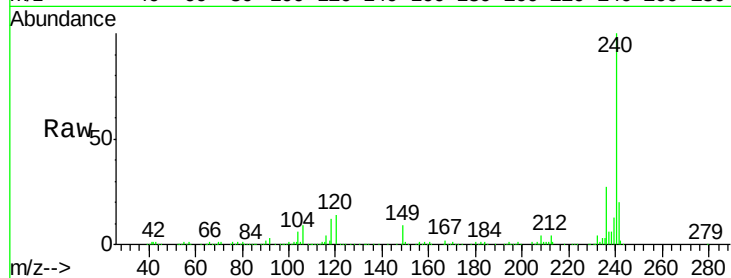
Tot Ion:240 Resp: 438876

Ion Ratio Lower Upper

240 100

120 14.1 10.6 16.0

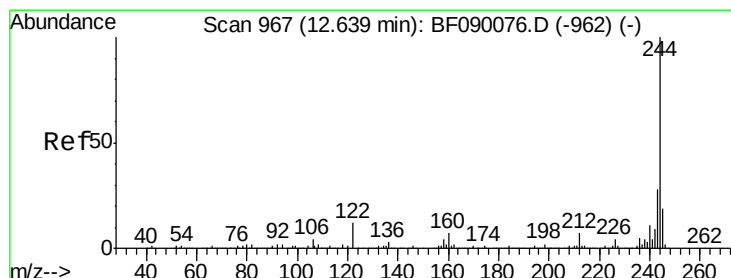
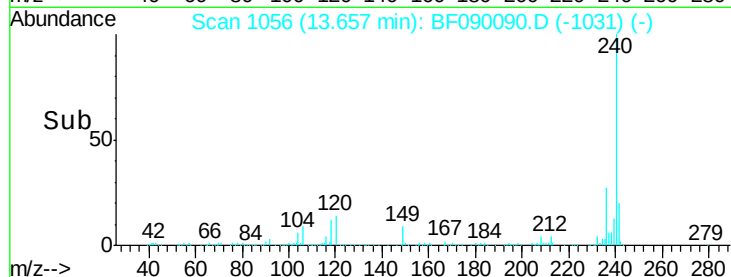
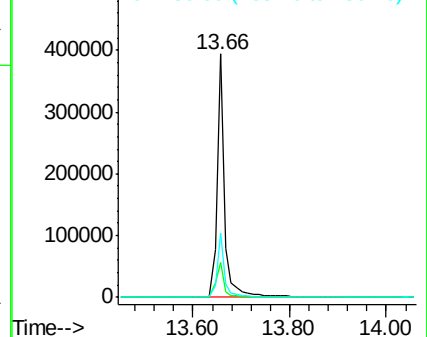
236 26.6 21.6 32.4



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: 52.47 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF090090.D

Acq: 15 Sep 2016 14:18

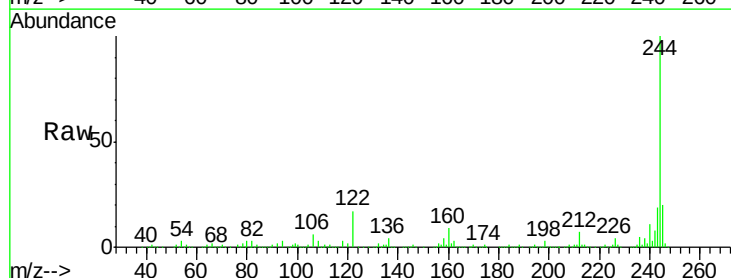
Tgt Ion:244 Resp: 969749

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

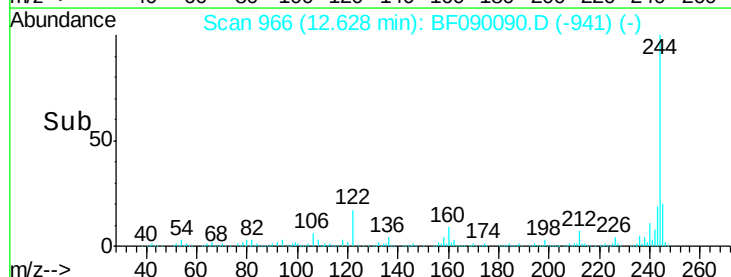
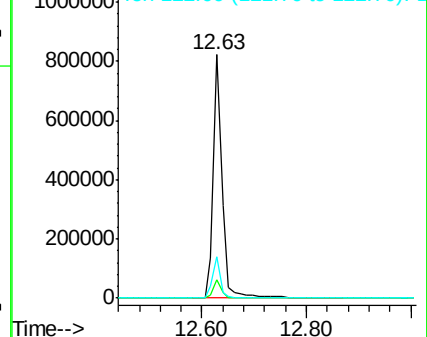
122 16.8 9.4 14.0#

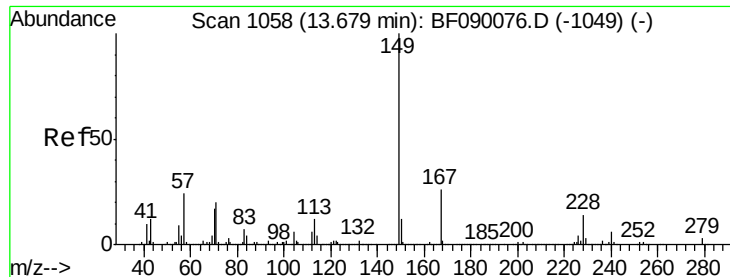


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.35 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BF090090.D

Acq: 15 Sep 2016 14:18

Instrument :

BNA_F

ClientSampleId :

UST-2

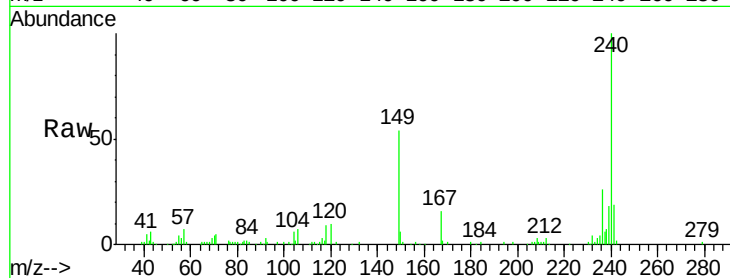
Tot Ion:149 Resp: 66149

Ion Ratio Lower Upper

149 100

167 28.7 21.2 31.8

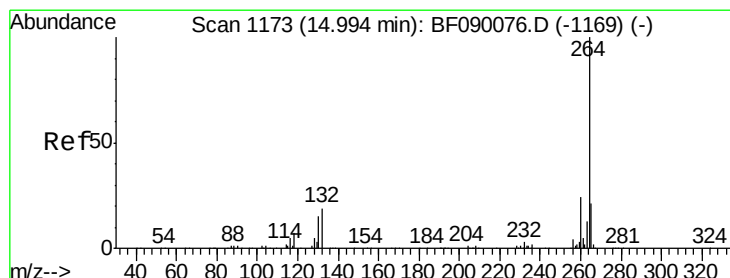
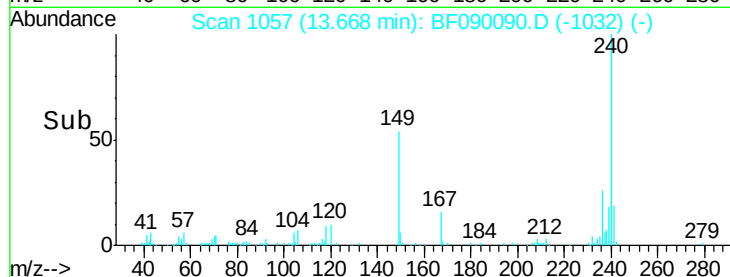
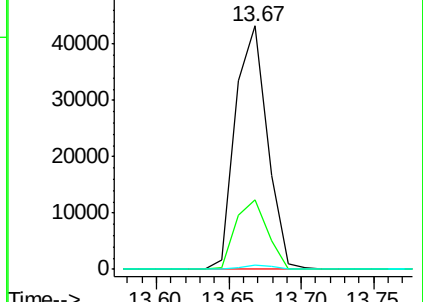
279 1.9 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF090090.D

Acq: 15 Sep 2016 14:18

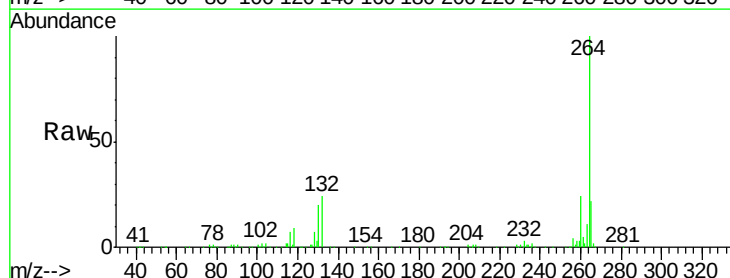
Tgt Ion:264 Resp: 297266

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.7 17.0 25.4



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

