

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091020.D
 Acq On : 4 Nov 2016 12:07
 Operator : UM/SJ
 Sample : H5509-29
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-DUP-110116

Quant Time: Nov 04 12:08:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

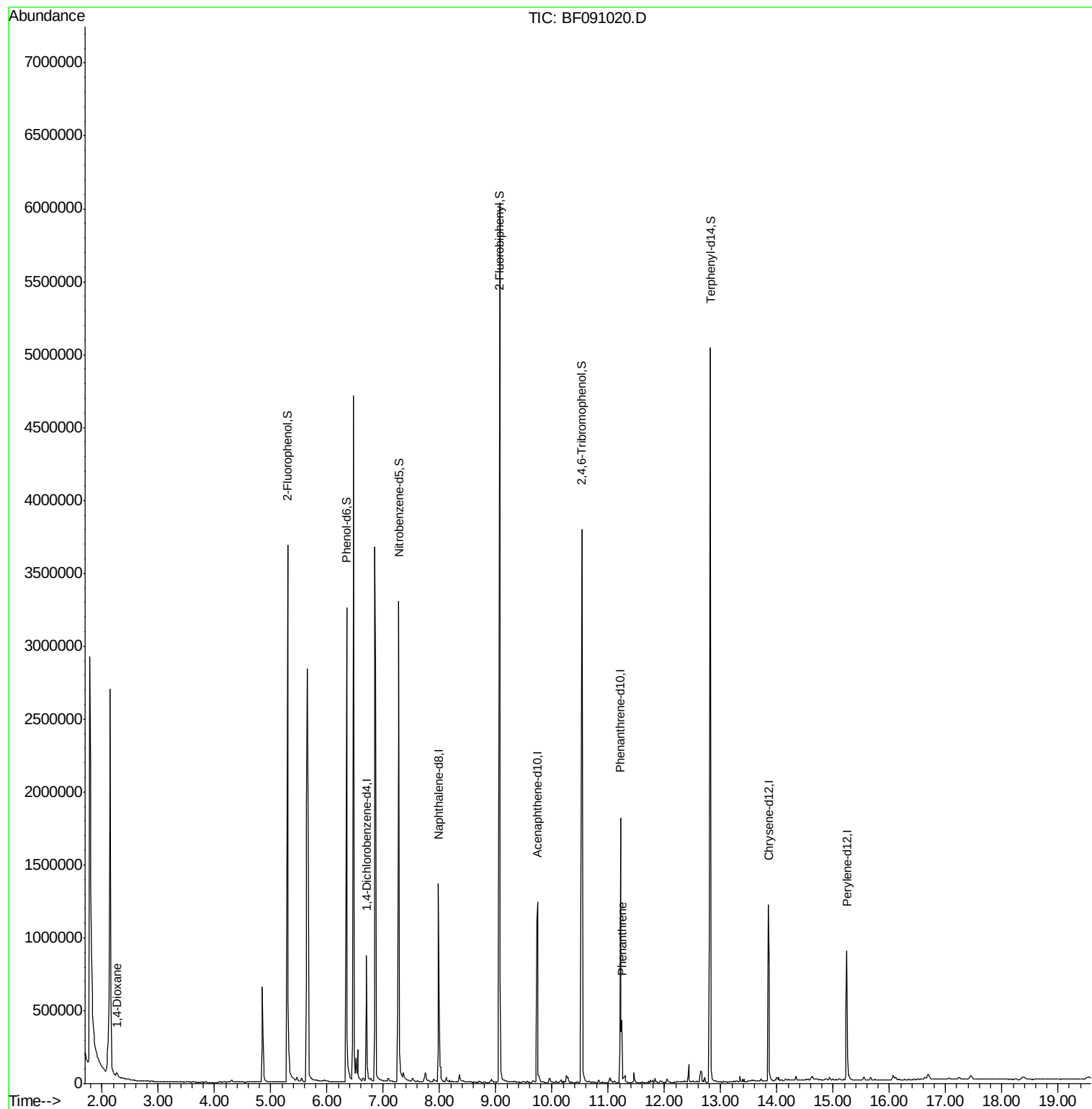
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	176050	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	741219	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	405246	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	652057	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	512787	20.00	ng	-0.01
86) Perylene-d12	15.24	264	391166	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1251310	117.39	ng	0.01
7) Phenol-d6	6.35	99	1270030	87.78	ng	0.00
23) Nitrobenzene-d5	7.28	82	1623885	119.51	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	588194	160.55	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2325539	98.80	ng	0.00
78) Terphenyl-d14	12.82	244	2630097	127.99	ng	0.01
Target Compounds						
2) 1,4-Dioxane	2.26	88	15411	2.53	ng	Qvalue # 81
70) Phenanthrene	11.24	178	157480	4.54	ng	97

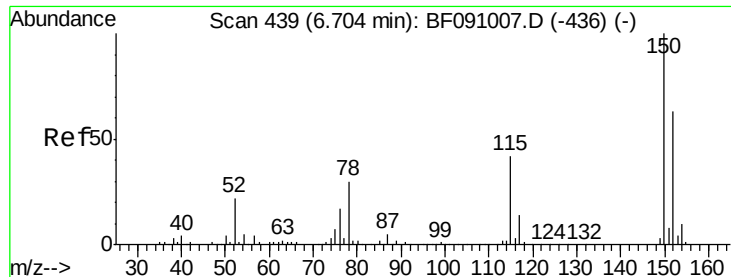
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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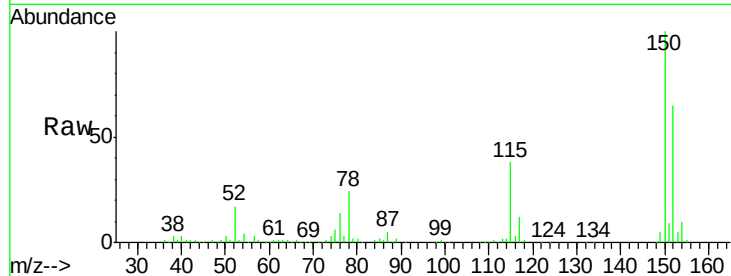


#1

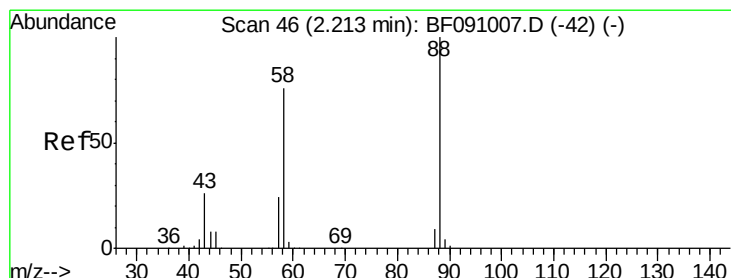
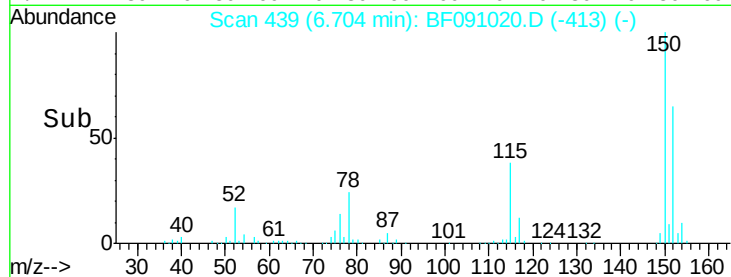
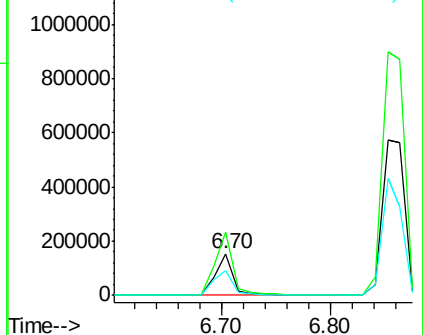
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Instrument :
BNA_F
ClientSampleId :
GW-DUP-110116

Tgt Ion:152 Resp: 176050
Ion Ratio Lower Upper
152 100
150 153.5 126.8 190.2
115 58.4 53.3 79.9



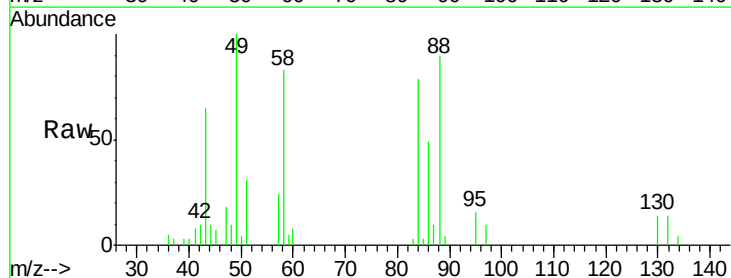
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



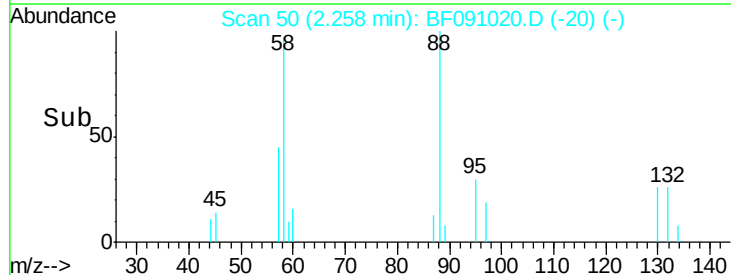
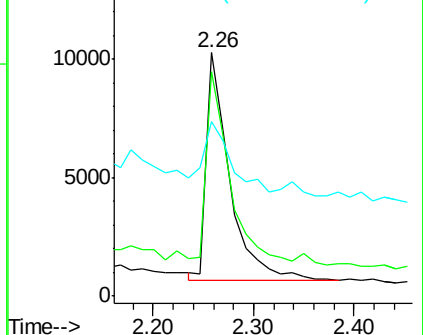
#2

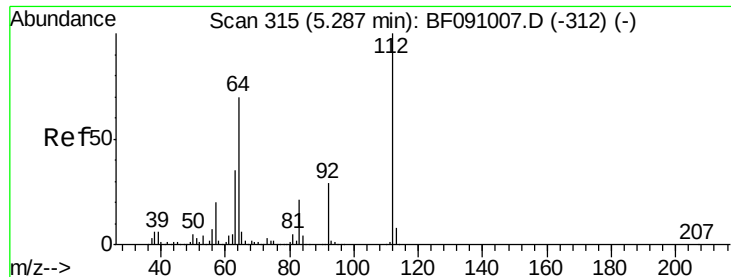
1,4-Dioxane
Concen: 2.53 ng
RT: 2.26 min Scan# 50
Delta R.T. 0.05 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Tgt Ion: 88 Resp: 15411
Ion Ratio Lower Upper
88 100
58 99.8 63.8 95.6#
43 32.3 22.6 33.8



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: 117.39 ng

RT: 5.30 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF091020.D

Acq: 4 Nov 2016 12:07

Instrument :

BNA_F

ClientSampleId :

GW-DUP-110116

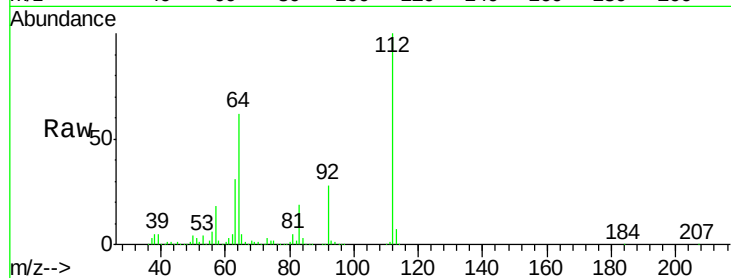
Tgt Ion:112 Resp: 1251310

Ion Ratio Lower Upper

112 100

64 61.8 55.8 83.6

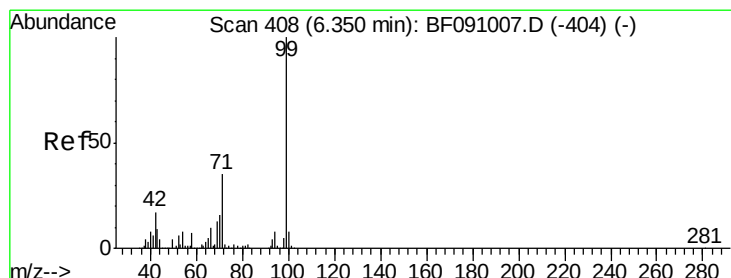
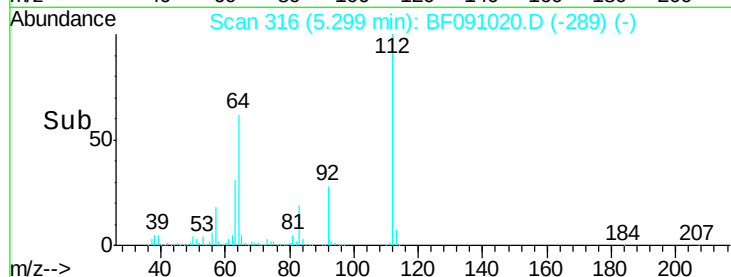
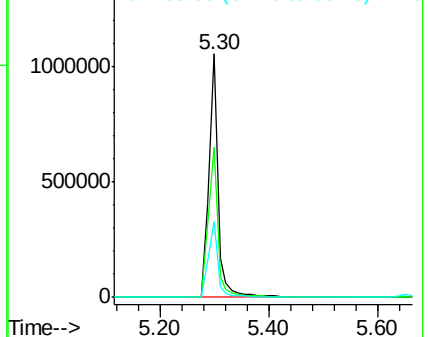
63 31.3 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 87.78 ng

RT: 6.35 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF091020.D

Acq: 4 Nov 2016 12:07

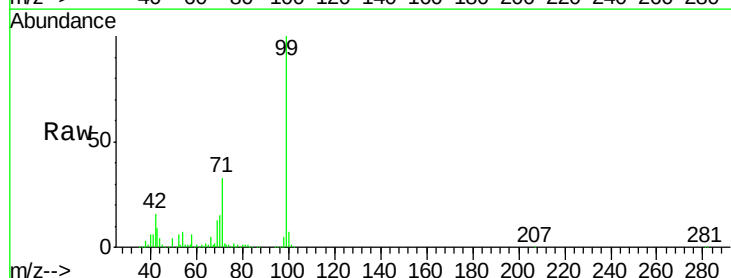
Tgt Ion: 99 Resp: 1270030

Ion Ratio Lower Upper

99 100

42 16.0 13.9 20.9

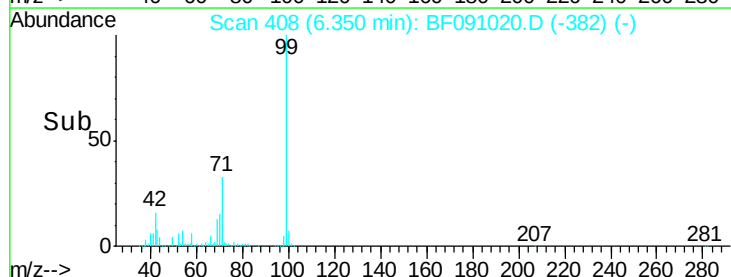
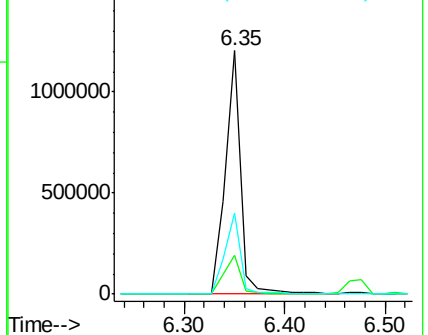
71 33.2 27.8 41.8

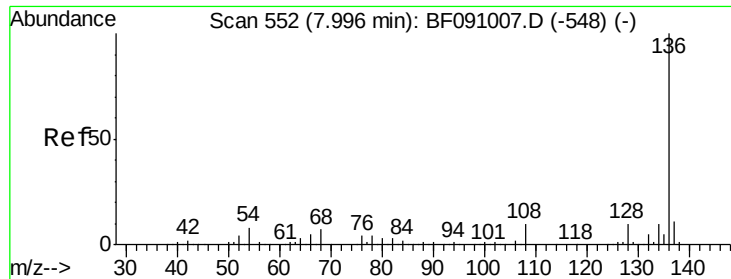


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

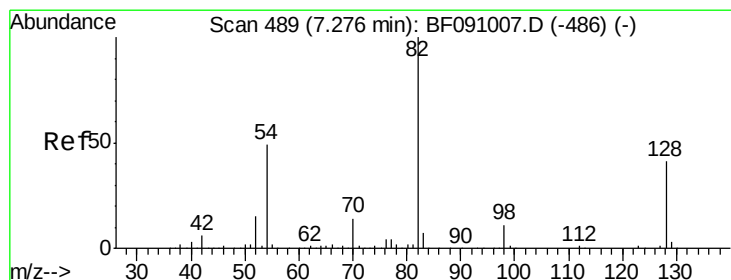
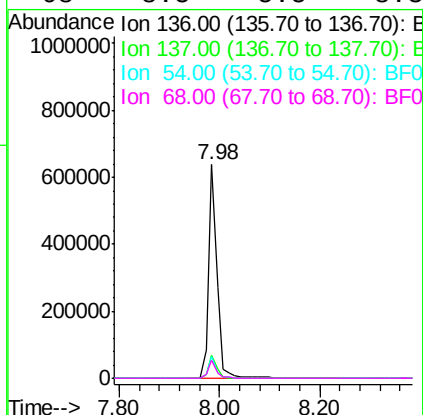
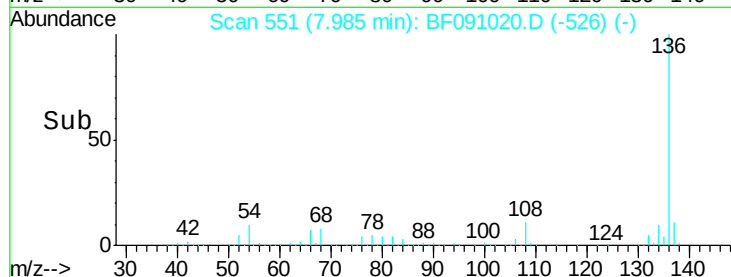
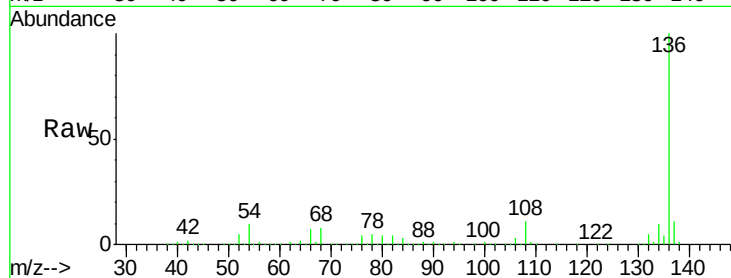




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

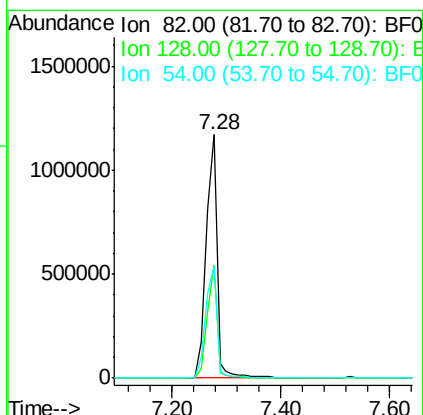
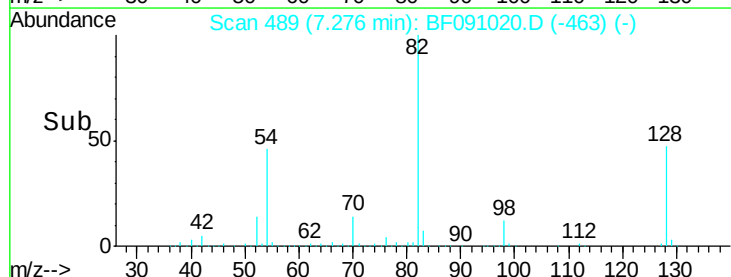
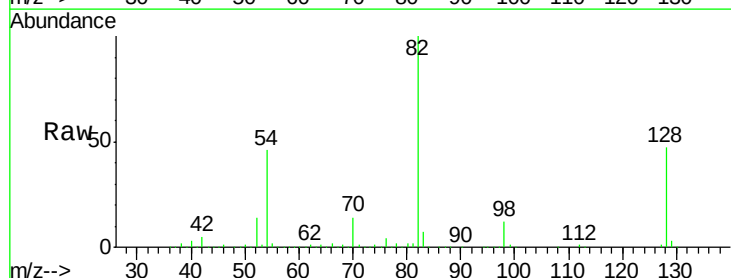
Instrument :
BNA_F
ClientSampleId :
GW-DUP-110116

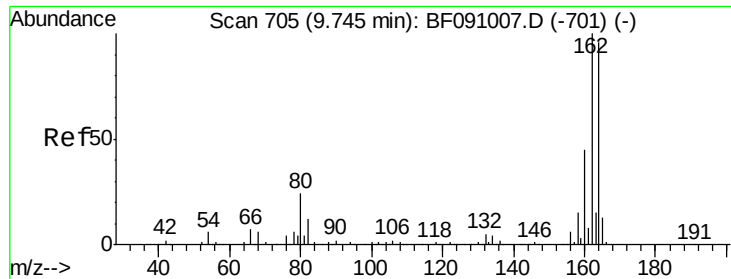
Tgt Ion:	136	Resp:	741219
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.9	6.2	9.2#
68	8.5	5.5	8.3#



#23
Nitrobenzene-d5
Concen: 119.51 ng
RT: 7.28 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Tgt Ion:	82	Resp:	1623885
Ion	Ratio	Lower	Upper
82	100		
128	46.7	32.4	48.6
54	45.8	39.2	58.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF091020.D

Acq: 4 Nov 2016 12:07

Instrument :

BNA_F

ClientSampleId :

GW-DUP-110116

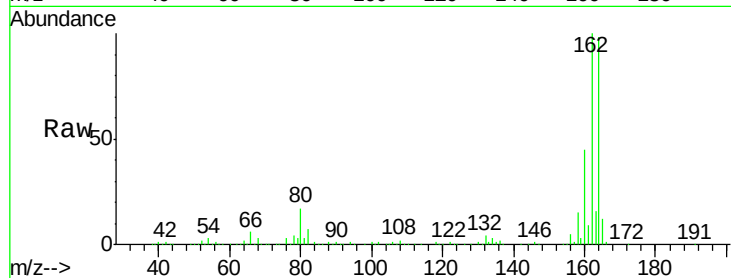
Tgt Ion:164 Resp: 405246

Ion Ratio Lower Upper

164 100

162 102.3 83.6 125.4

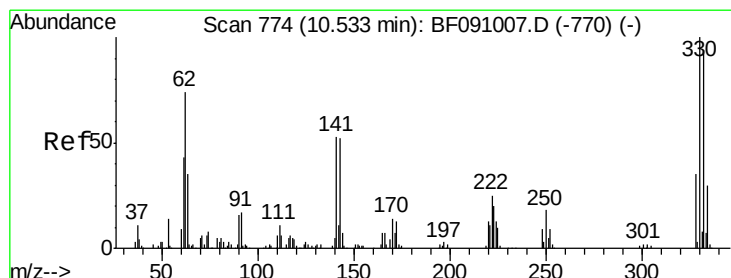
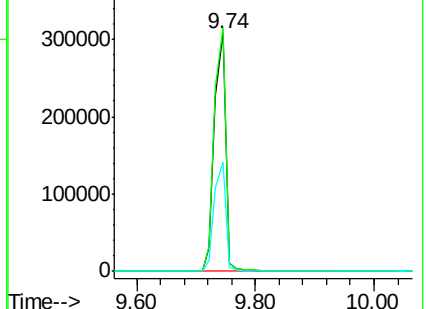
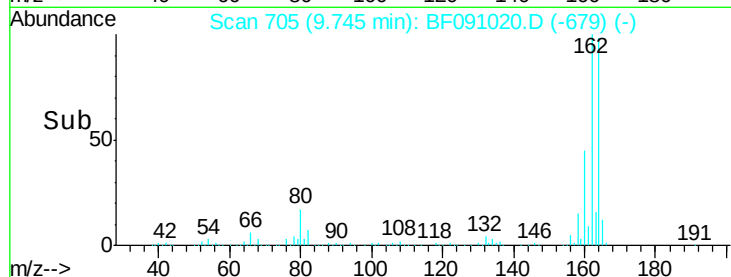
160 45.7 37.9 56.9



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: 160.55 ng

RT: 10.53 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF091020.D

Acq: 4 Nov 2016 12:07

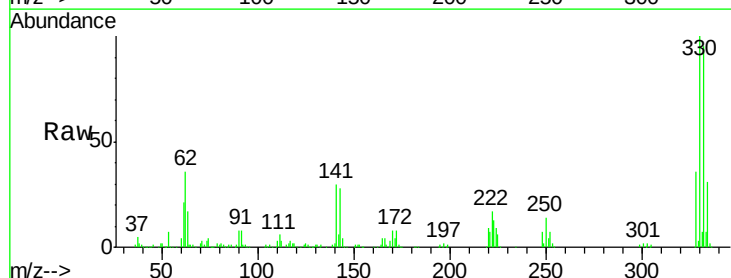
Tgt Ion:330 Resp: 588194

Ion Ratio Lower Upper

330 100

332 95.9 75.9 113.9

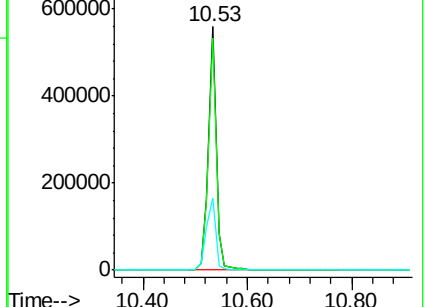
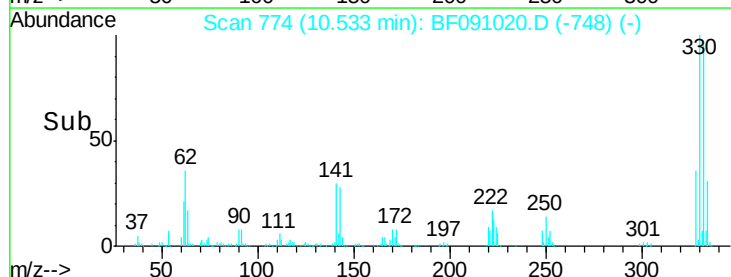
141 35.0 36.1 54.1#

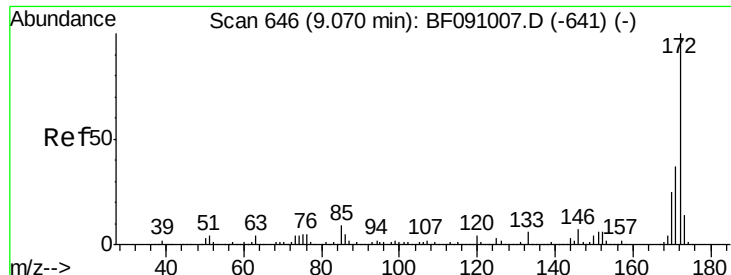


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

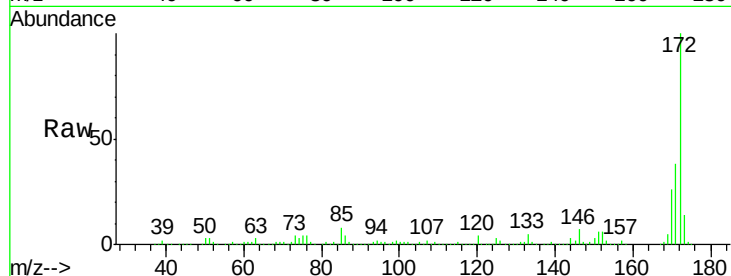




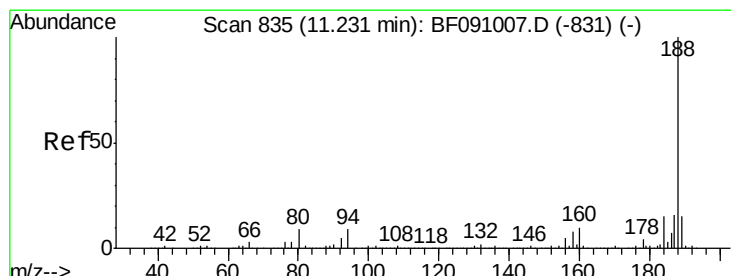
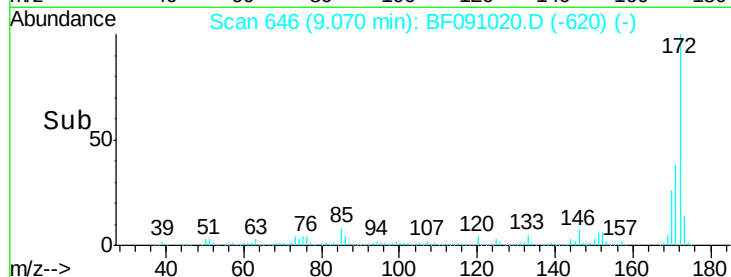
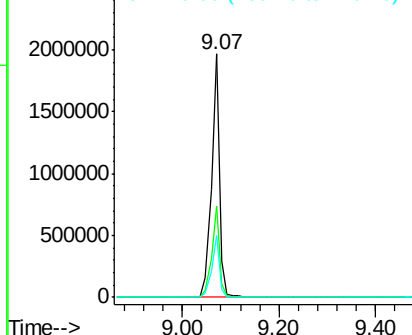
#44
 2-Fluorobiphenyl
 Concen: 98.80 ng
 RT: 9.07 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF091020.D
 Acq: 4 Nov 2016 12:07

Instrument :
 BNA_F
 ClientSampleId :
 GW-DUP-110116

Tgt Ion:172 Resp: 2325539
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 25.6 20.3 30.5

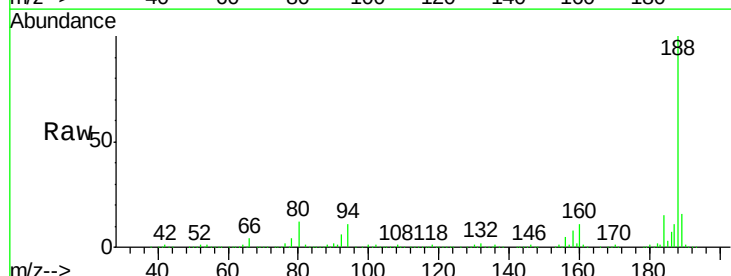


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

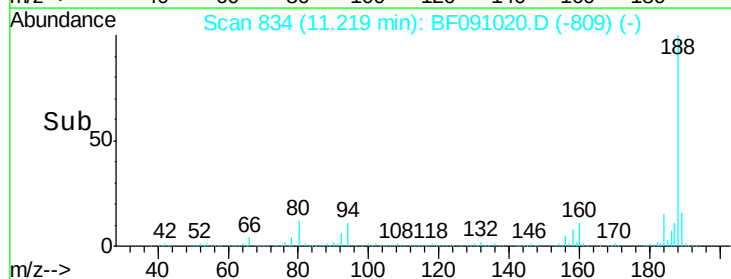
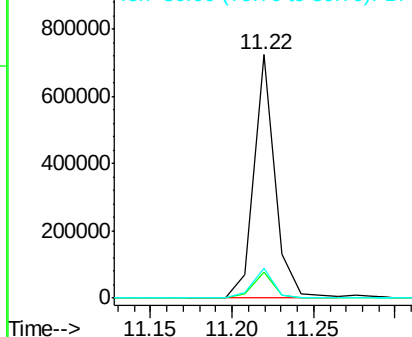


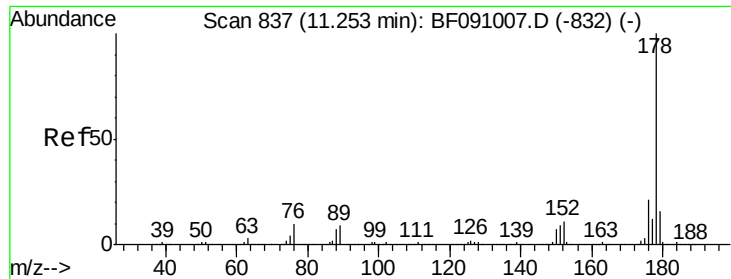
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF091020.D
 Acq: 4 Nov 2016 12:07

Tgt Ion:188 Resp: 652057
 Ion Ratio Lower Upper
 188 100
 94 10.9 7.0 10.4#
 80 12.1 7.5 11.3#



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

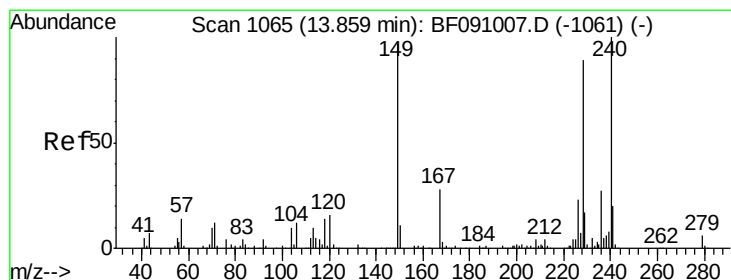
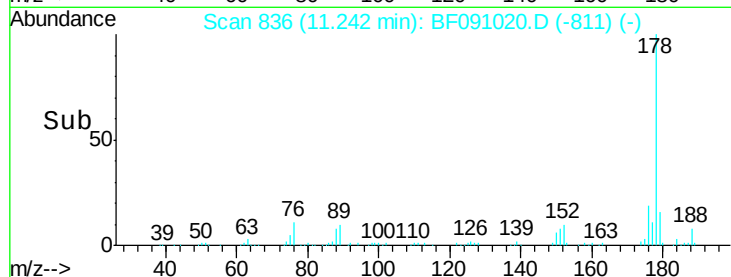
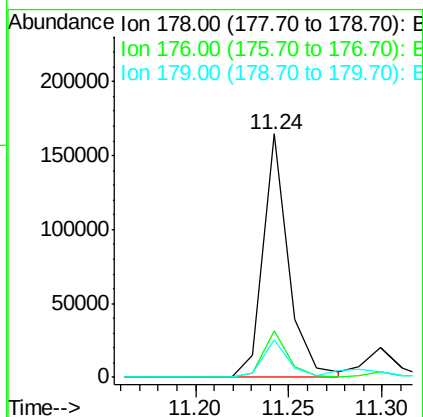
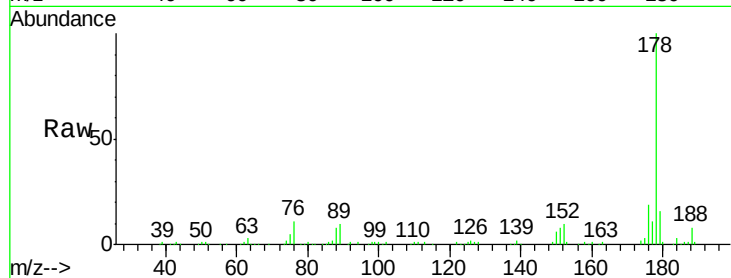




#70
Phenanthrene
Concen: 4.54 ng
RT: 11.24 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

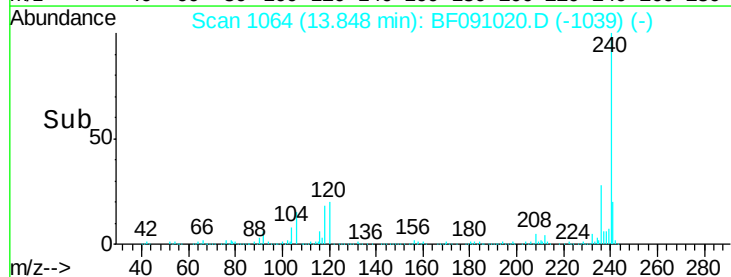
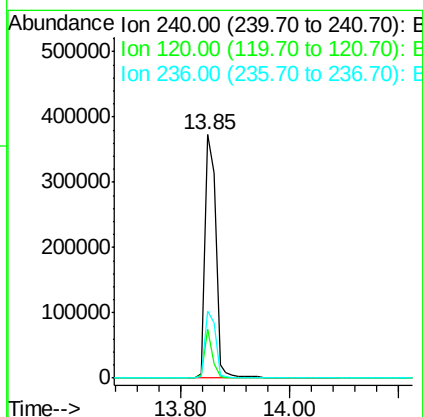
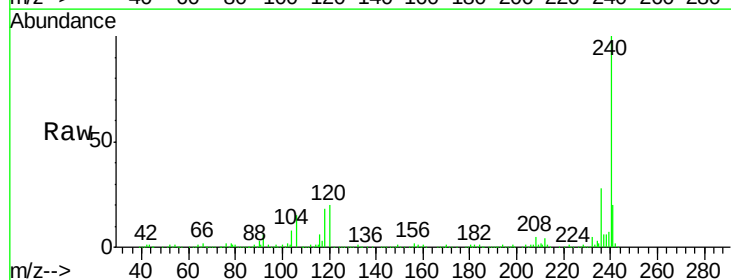
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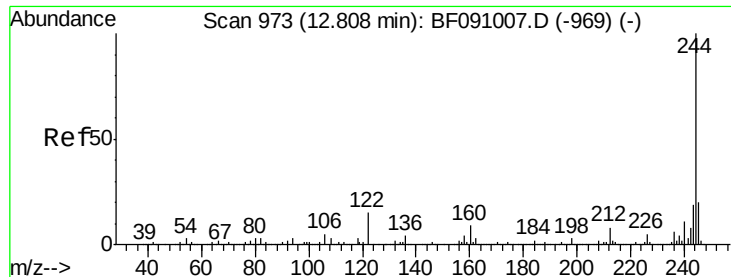
Tgt Ion:178 Resp: 157480
Ion Ratio Lower Upper
178 100
176 18.9 16.6 25.0
179 15.5 12.9 19.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Tgt Ion:240 Resp: 512787
Ion Ratio Lower Upper
240 100
120 20.1 12.9 19.3#
236 27.5 21.9 32.9





#78

Terphenyl-d14

Concen: 127.99 ng

RT: 12.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF091020.D

Acq: 4 Nov 2016 12:07

Instrument :

BNA_F

ClientSampleId :

GW-DUP-110116

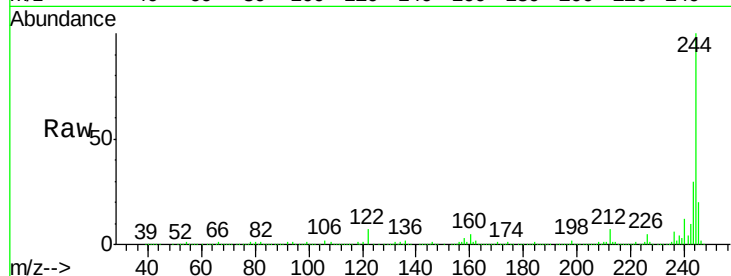
Tgt Ion:244 Resp: 2630097

Ion Ratio Lower Upper

244 100

212 6.7 6.4 9.6

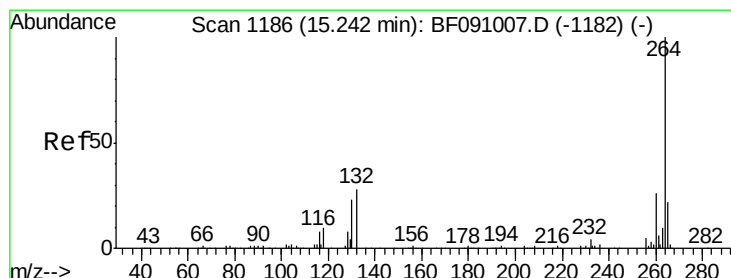
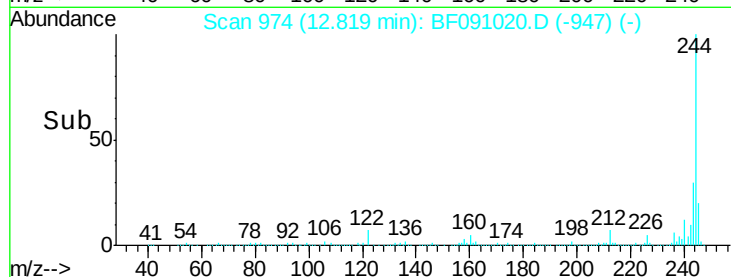
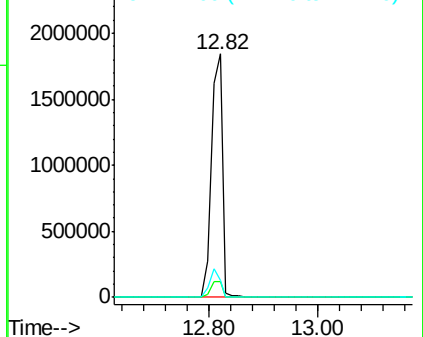
122 7.0 12.3 18.5#



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: 15.24 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF091020.D

Acq: 4 Nov 2016 12:07

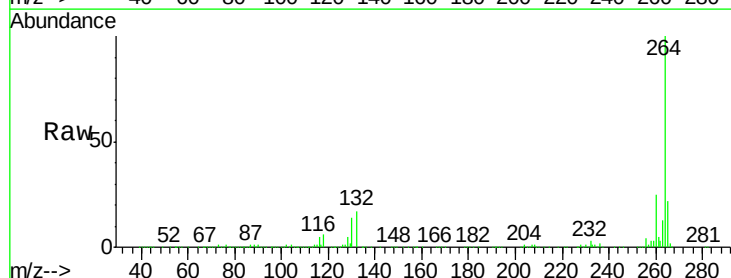
Tgt Ion:264 Resp: 391166

Ion Ratio Lower Upper

264 100

260 25.1 20.6 30.8

265 21.6 17.8 26.8



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

