

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092210.D
 Acq On : 12 Jan 2017 16:13
 Operator : UM/SJ
 Sample : I1029-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-003

Quant Time: Jan 12 18:22:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 16:14:19 2017
 Response via : Initial Calibration

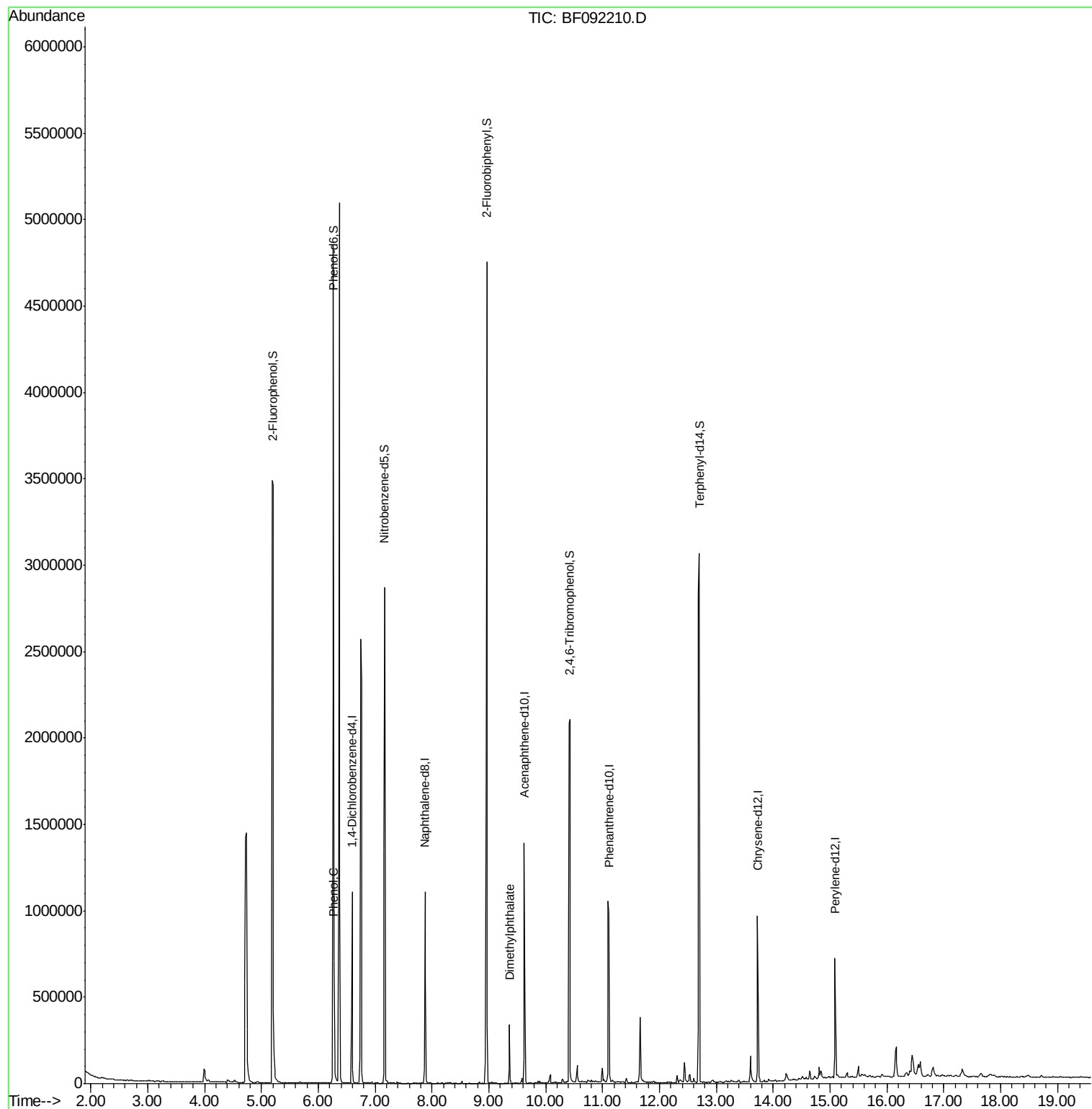
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	182973	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	637650	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	335371	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	576042	20.00	ng	0.00
75) Chrysene-d12	13.73	240	382411	20.00	ng	0.00
86) Perylene-d12	15.09	264	308598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1580902	144.27	ng	0.00
7) Phenol-d6	6.26	99	1864585	139.37	ng	0.00
23) Nitrobenzene-d5	7.17	82	1087908	94.87	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	412188	148.51	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	1576643	98.35	ng	0.00
78) Terphenyl-d14	12.70	244	1447608	91.81	ng	0.00
Target Compounds						
10) Phenol	6.28	94	112525	7.38	ng	Qvalue # 68
49) Dimethylphthalate	9.36	163	144133	6.72	ng	99

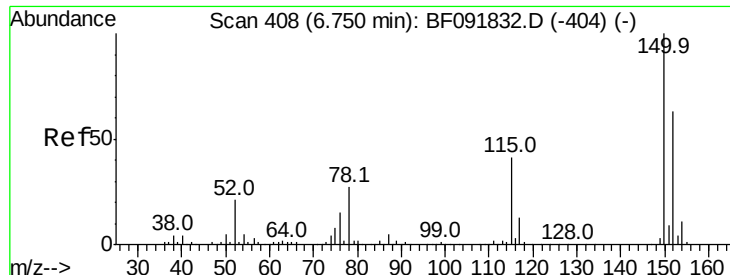
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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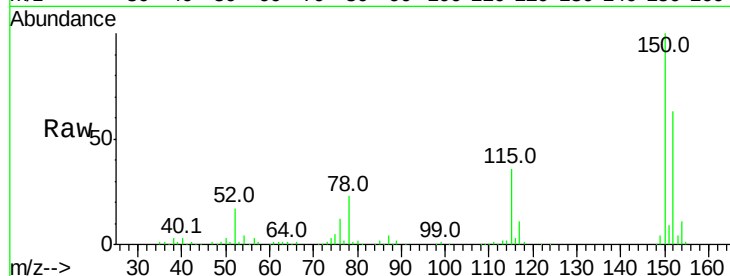


#1

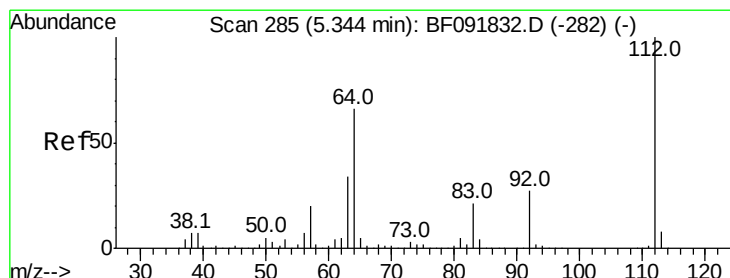
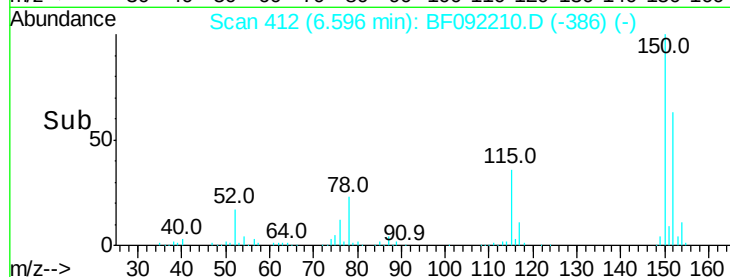
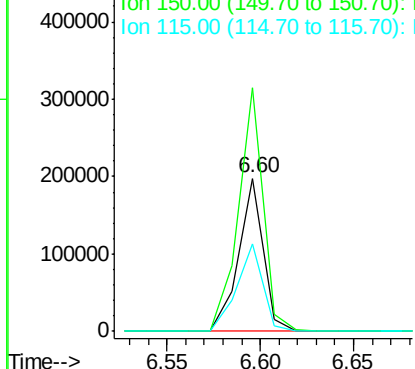
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF092210.D
Acq: 12 Jan 2017 16:13

Instrument :
BNA_F
ClientSampleId :
COMP-003

Tot Ion:152 Resp: 182973
Ion Ratio Lower Upper
152 100
150 159.1 124.9 187.3
115 57.4 46.0 69.0



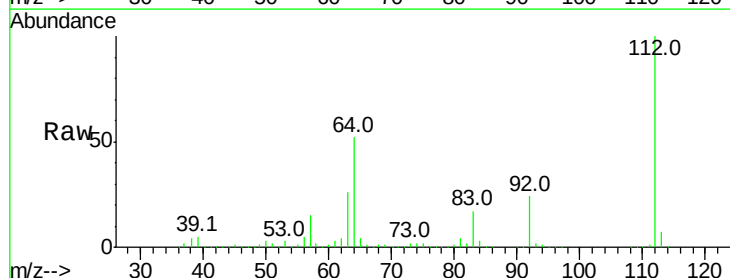
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



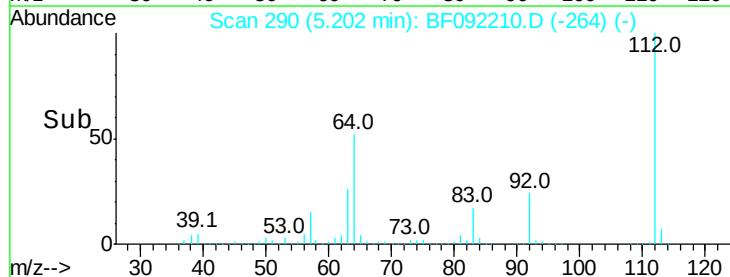
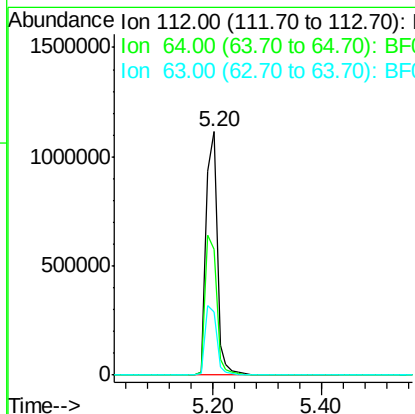
#5

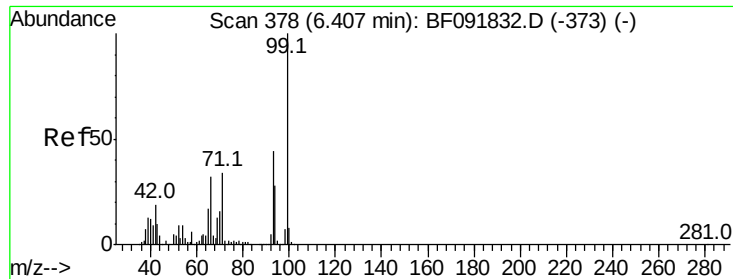
2-Fluorophenol
Concen: 144.27 ng
RT: 5.20 min Scan# 290
Delta R.T. 0.00 min
Lab File: BF092210.D
Acq: 12 Jan 2017 16:13

Tgt Ion:112 Resp: 1580902
Ion Ratio Lower Upper
112 100
64 51.6 46.1 69.1
63 25.9 23.8 35.6



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: 139.37 ng

RT: 6.26 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF092210.D

Acq: 12 Jan 2017 16:13

Instrument :

BNA_F

ClientSampleId :

COMP-003

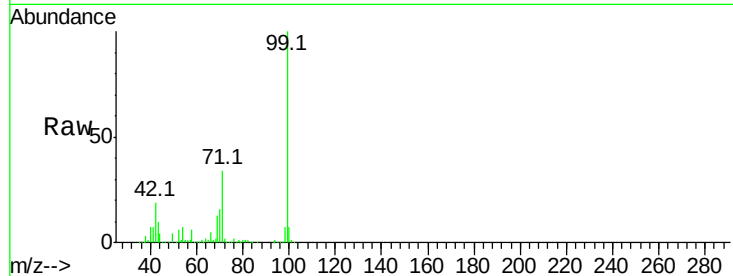
Tot Ion: 99 Resp: 1864585

Ion Ratio Lower Upper

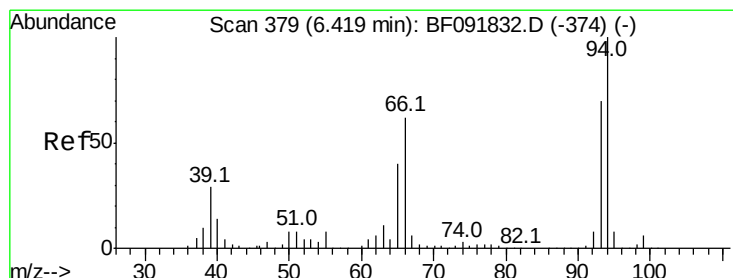
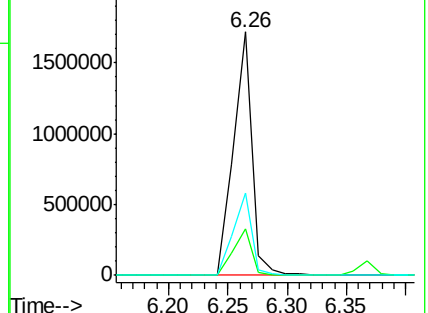
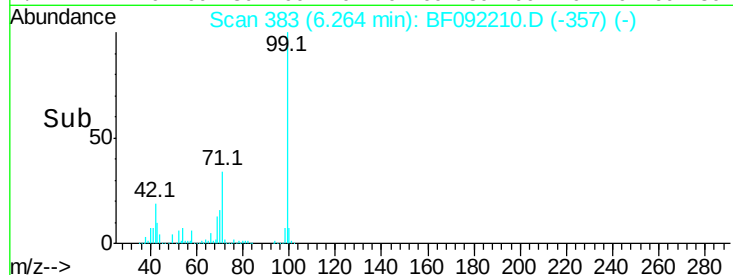
99 100

42 18.9 15.6 23.4

71 33.7 27.5 41.3



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



#10

Phenol

Concen: 7.38 ng

RT: 6.28 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF092210.D

Acq: 12 Jan 2017 16:13

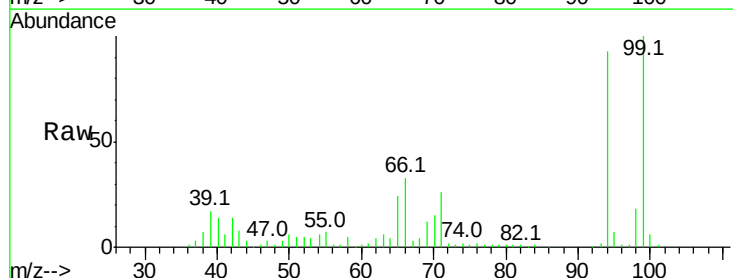
Tgt Ion: 94 Resp: 112525

Ion Ratio Lower Upper

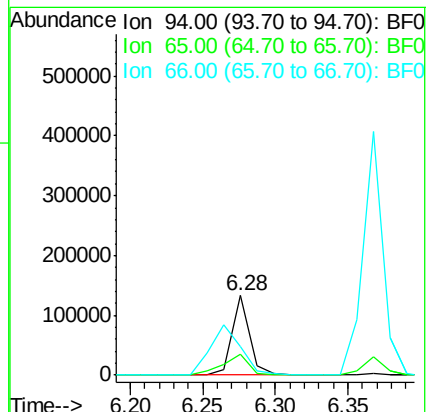
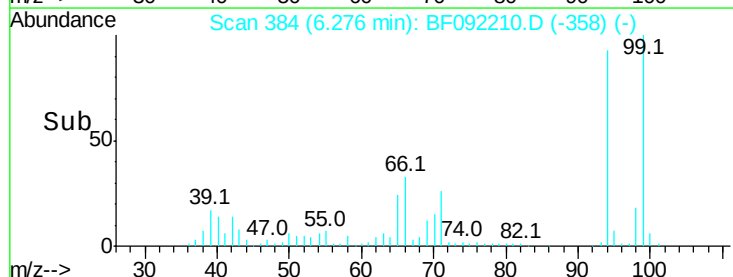
94 100

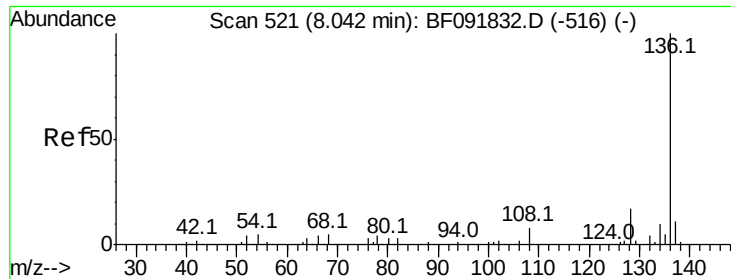
65 25.9 21.4 61.4

66 35.3 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

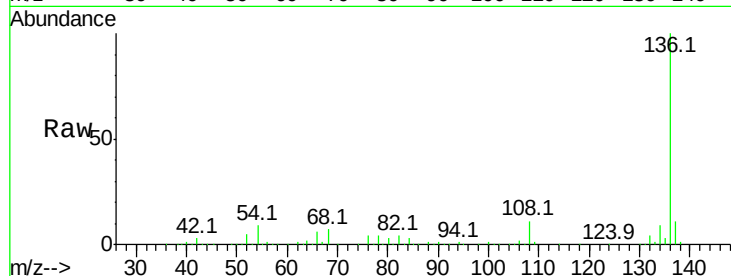




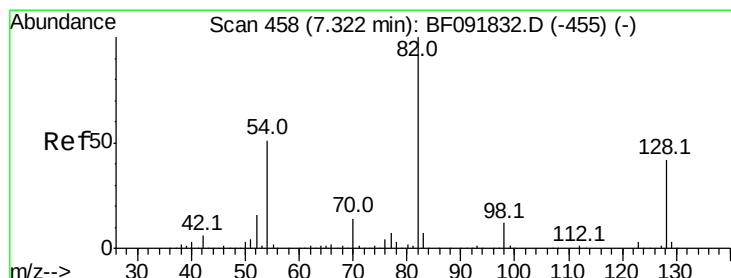
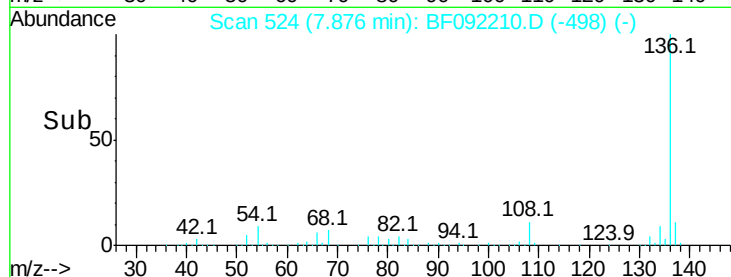
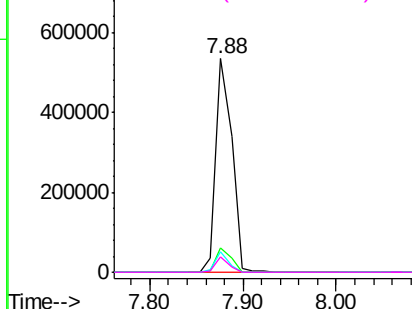
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF092210.D
Acq: 12 Jan 2017 16:13

Instrument :
BNA_F
ClientSampleId :
COMP-003

Tot Ion:	136	Resp:	637650
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.4	4.5	6.7#
68	7.2	3.6	5.4#

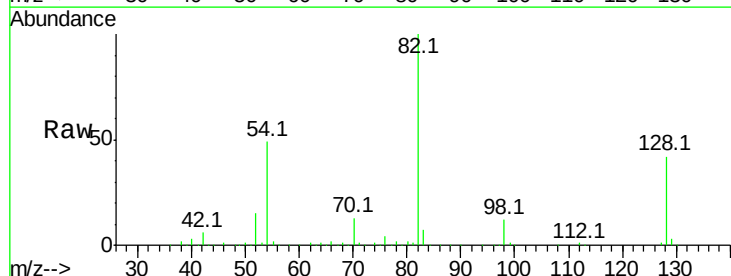


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

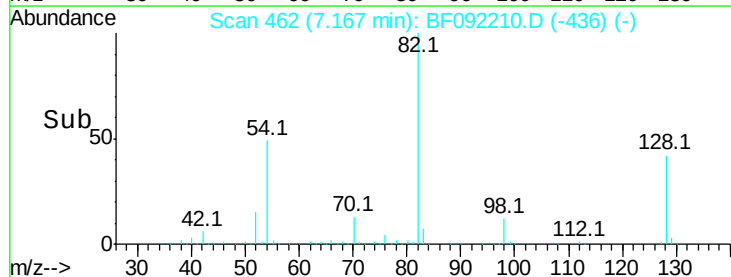
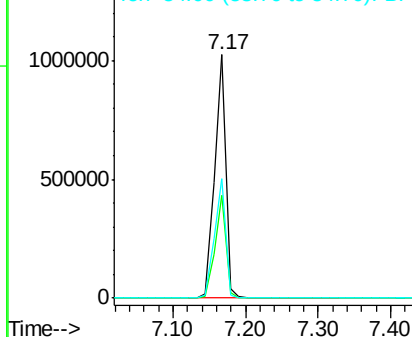


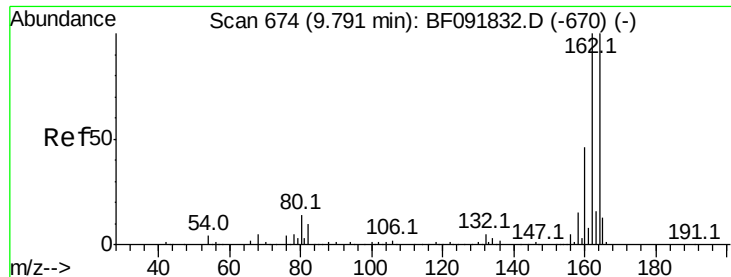
#23
Nitrobenzene-d5
Concen: 94.87 ng
RT: 7.17 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF092210.D
Acq: 12 Jan 2017 16:13

Tgt Ion:	82	Resp:	1087908
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	52.0
54	49.1	39.5	59.3



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

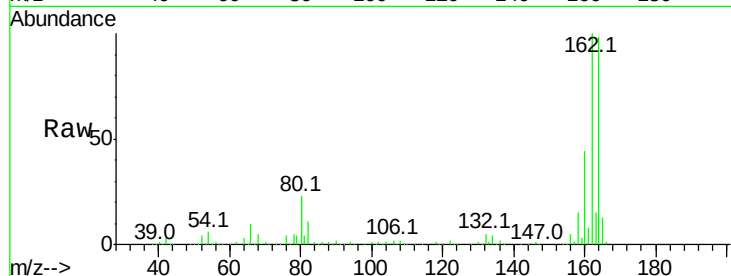




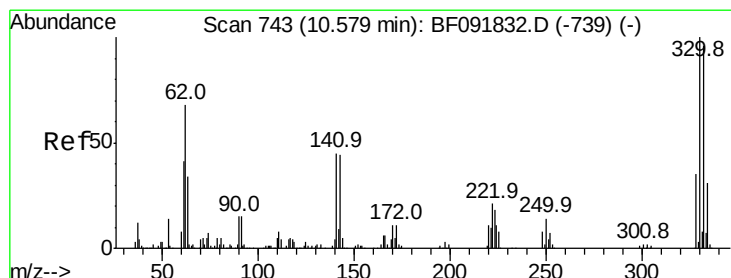
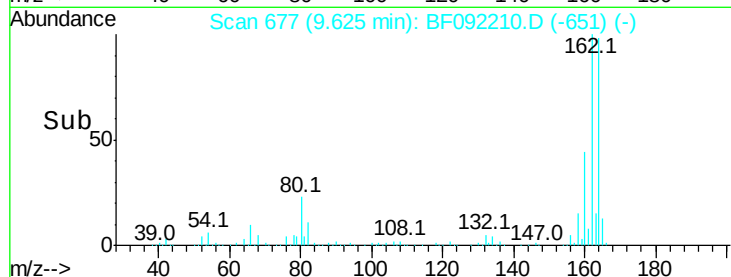
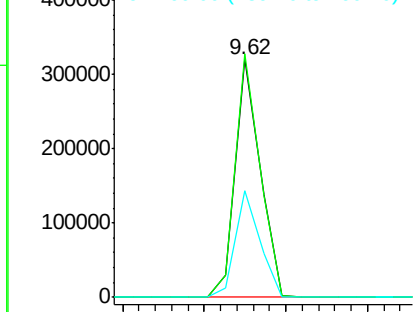
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF092210.D
Acq: 12 Jan 2017 16:13

Instrument :
BNA_F
ClientSampleId :
COMP-003

Tot Ion:164 Resp: 335371
Ion Ratio Lower Upper
164 100
162 102.3 80.2 120.2
160 45.0 36.9 55.3

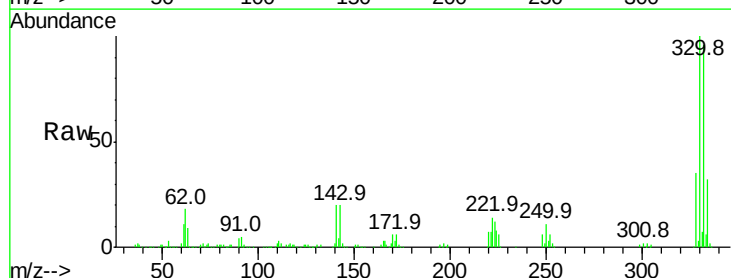


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

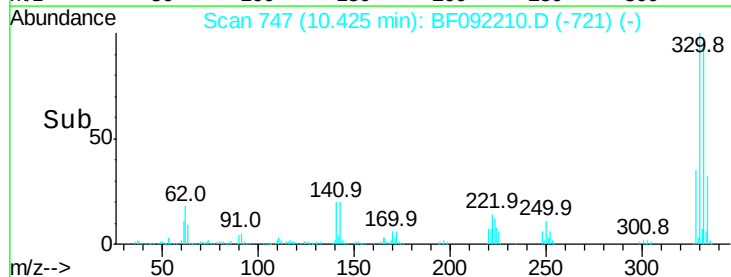
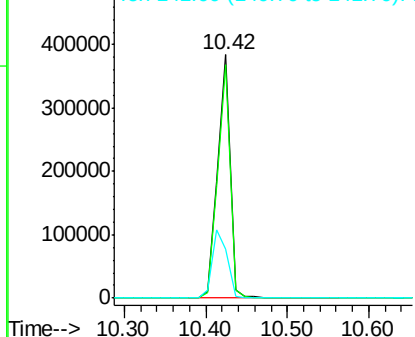


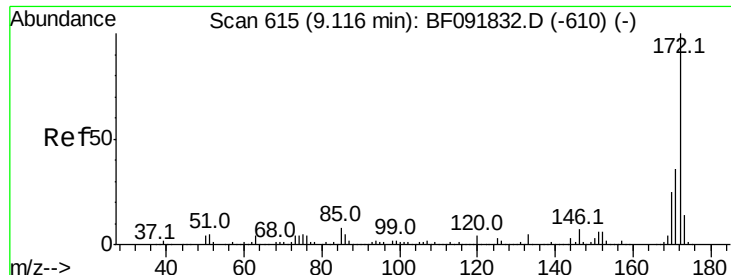
#41
2,4,6-Tribromophenol
Concen: 148.51 ng
RT: 10.42 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092210.D
Acq: 12 Jan 2017 16:13

Tgt Ion:330 Resp: 412188
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 33.9 34.1 51.1#



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

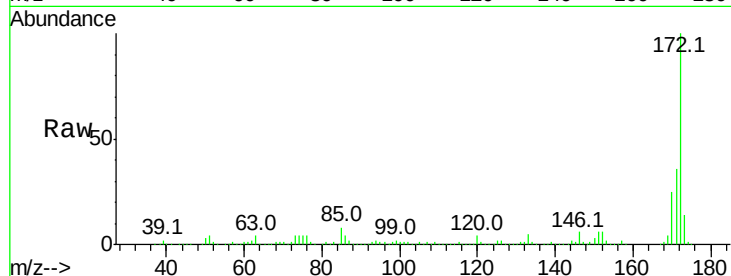




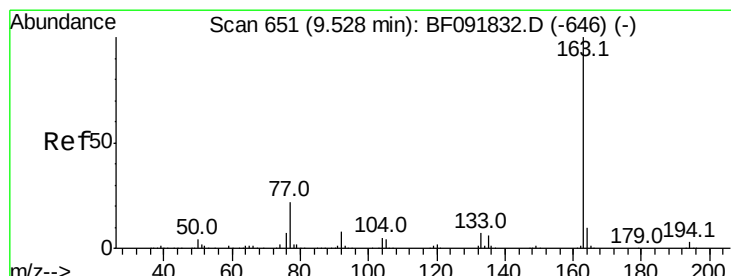
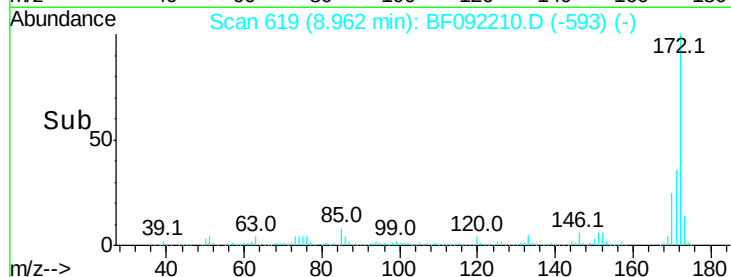
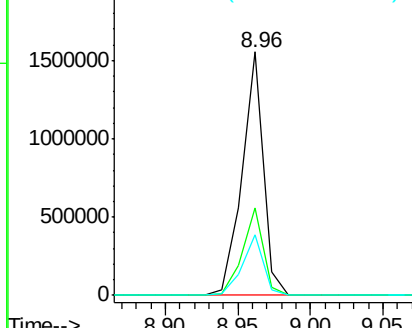
#44
2-Fluorobiphenyl
Concen: 98.35 ng
RT: 8.96 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF092210.D
Acq: 12 Jan 2017 16:13

Instrument :
BNA_F
ClientSampleId :
COMP-003

Tot Ion:172 Resp: 1576643
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 24.7 20.2 30.4

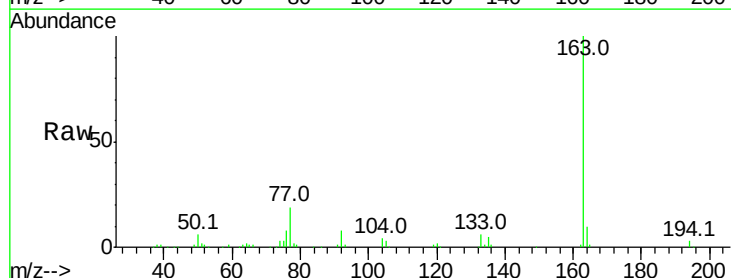


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

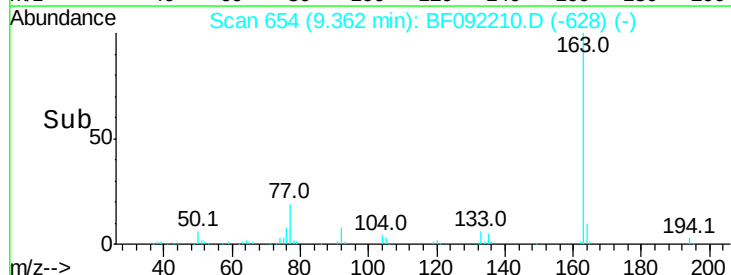
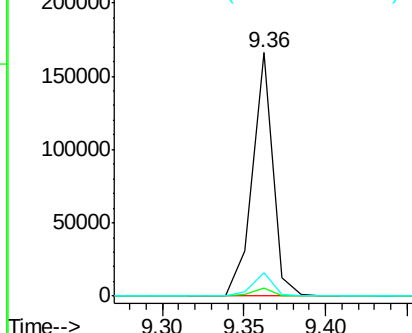


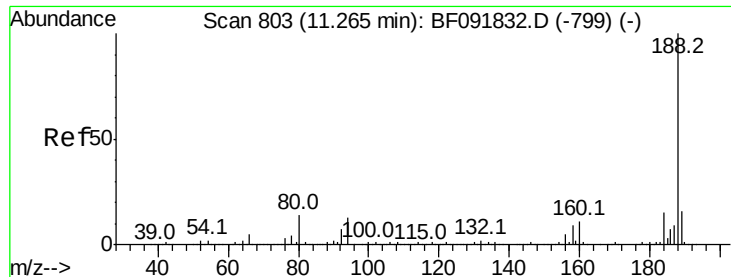
#49
Dimethylphthalate
Concen: 6.72 ng
RT: 9.36 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF092210.D
Acq: 12 Jan 2017 16:13

Tgt Ion:163 Resp: 144133
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 9.8 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

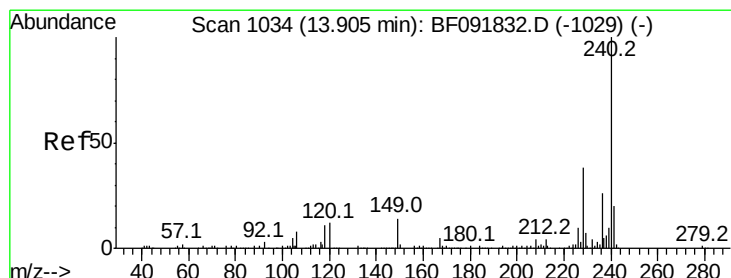
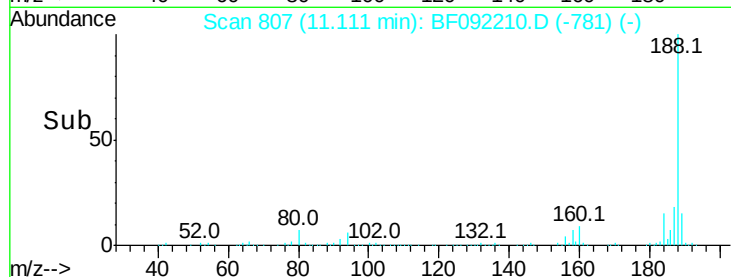
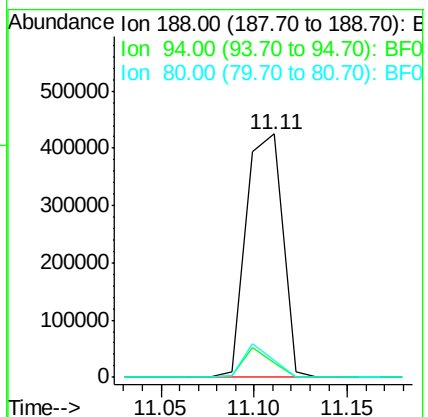
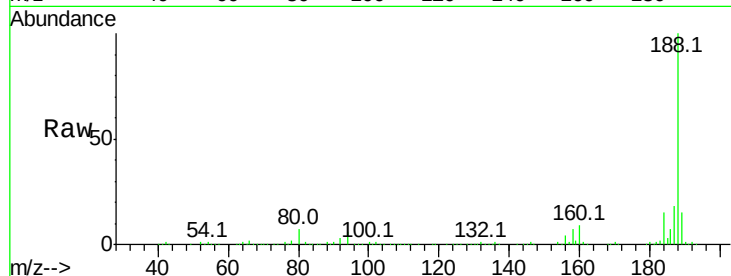




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF092210.D
Acq: 12 Jan 2017 16:13

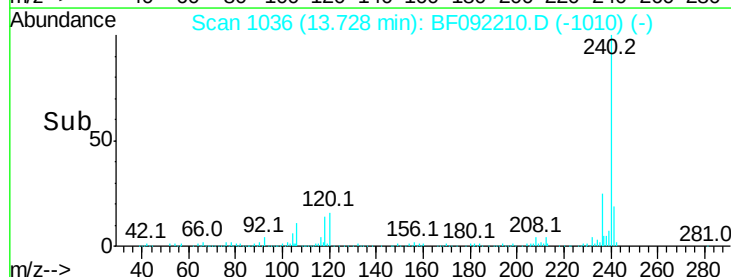
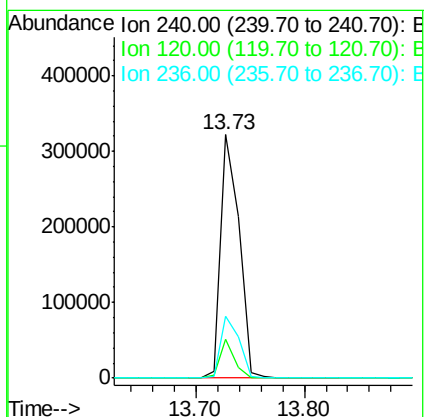
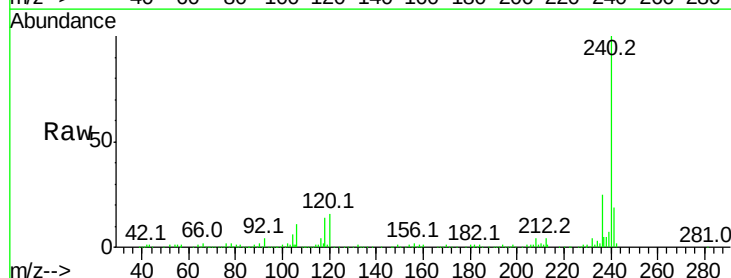
Instrument :
BNA_F
ClientSampleId :
COMP-003

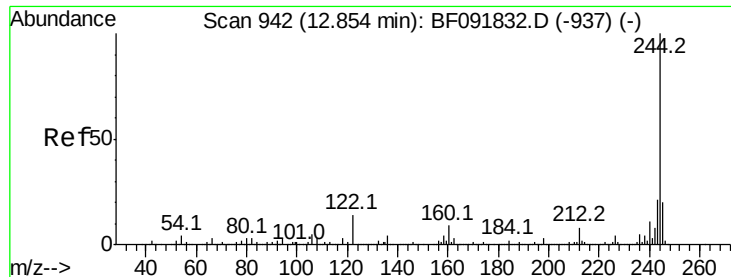
Tot Ion:188 Resp: 576042
Ion Ratio Lower Upper
188 100
94 6.2 10.0 15.0#
80 6.8 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF092210.D
Acq: 12 Jan 2017 16:13

Tgt Ion:240 Resp: 382411
Ion Ratio Lower Upper
240 100
120 15.7 12.9 19.3
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 91.81 ng

RT: 12.70 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF092210.D

Acq: 12 Jan 2017 16:13

Instrument :

BNA_F

ClientSampleId :

COMP-003

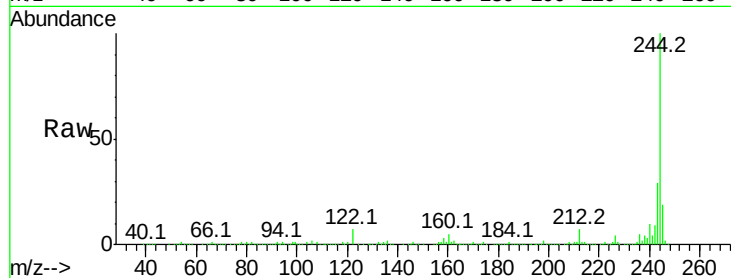
Tot Ion:244 Resp: 1447608

Ion Ratio Lower Upper

244 100

212 6.6 6.2 9.2

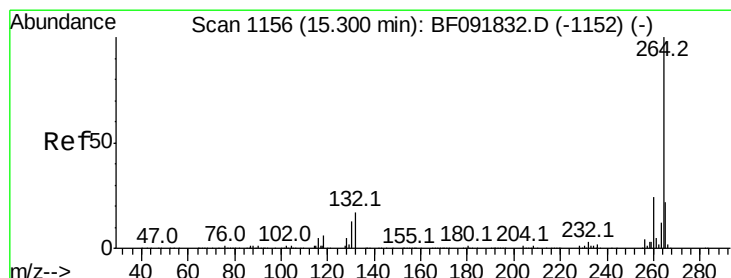
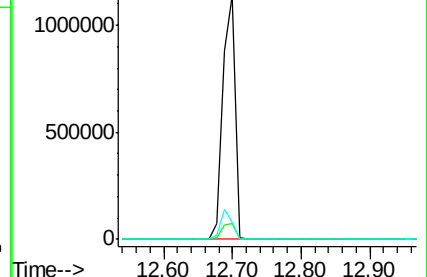
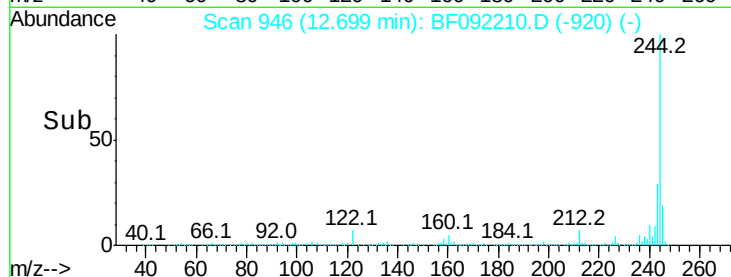
122 6.9 11.4 17.2#



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: 15.09 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF092210.D

Acq: 12 Jan 2017 16:13

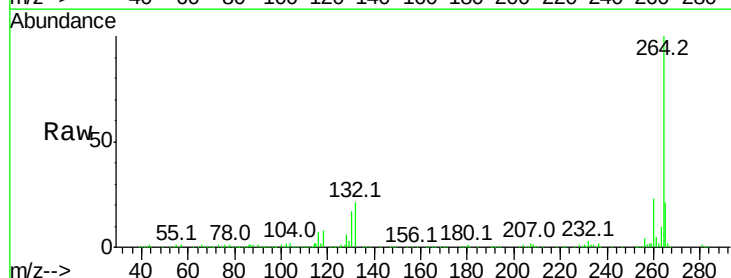
Tgt Ion:264 Resp: 308598

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.5 17.4 26.0



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

