

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091928.D
 Acq On : 23 Dec 2016 17:17
 Operator : UM/SJ
 Sample : H6068-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 22:41:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

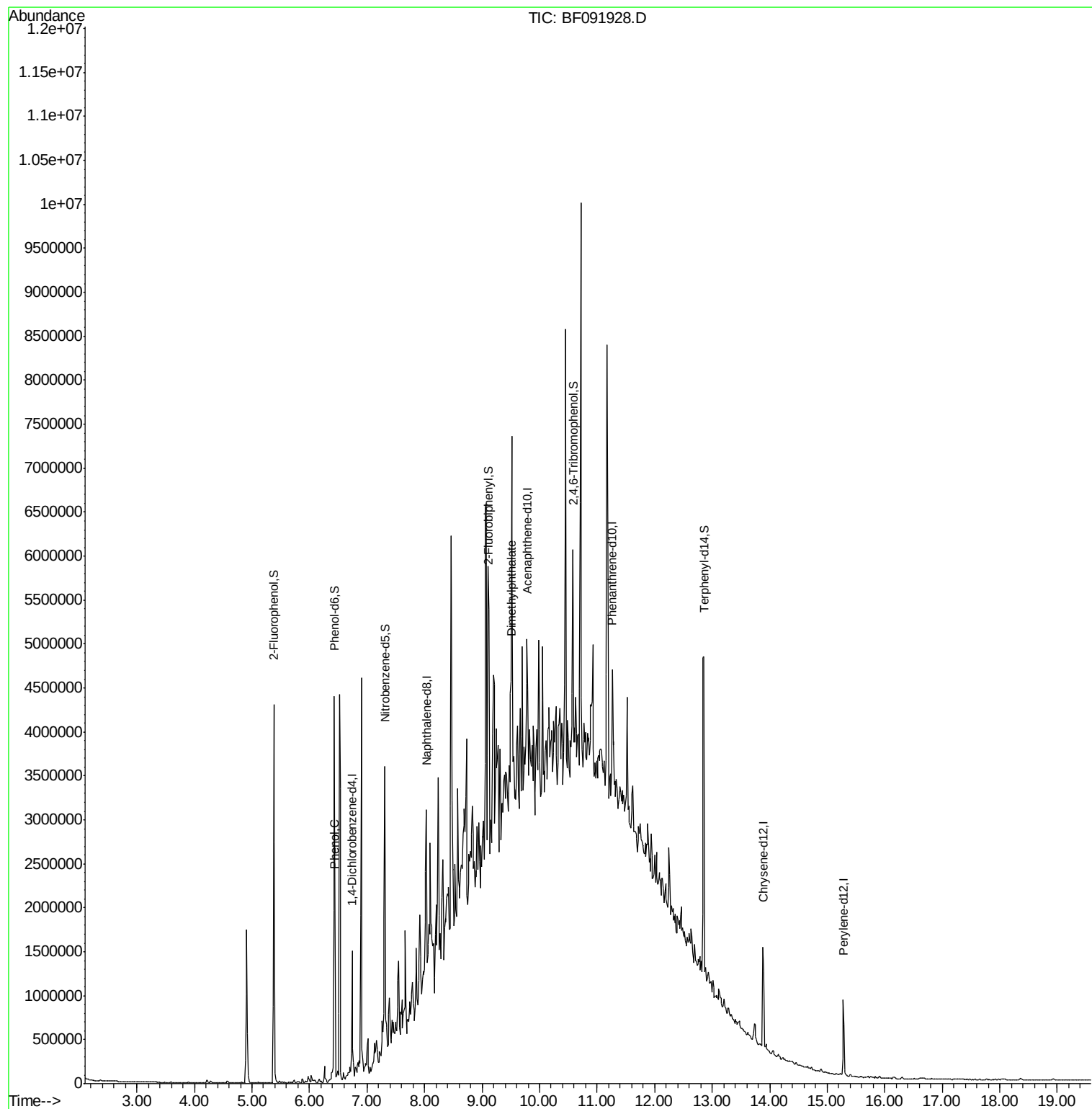
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	199029	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	777136	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	328061	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	573109	20.00	ng	0.00
75) Chrysene-d12	13.88	240	544562	20.00	ng	-0.02
86) Perylene-d12	15.28	264	431485	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1606959	134.81	ng	0.03
7) Phenol-d6	6.43	99	1973579	135.61	ng	0.02
23) Nitrobenzene-d5	7.31	82	1271604	90.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	386289	142.28	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1932839	127.11	ng	0.00
78) Terphenyl-d14	12.85	244	1850730	82.42	ng	0.00
Target Compounds						
10) Phenol	6.44	94	86568	5.22	ng	Qvalue 98
49) Dimethylphthalate	9.50	163	197104	9.39	ng	# 94

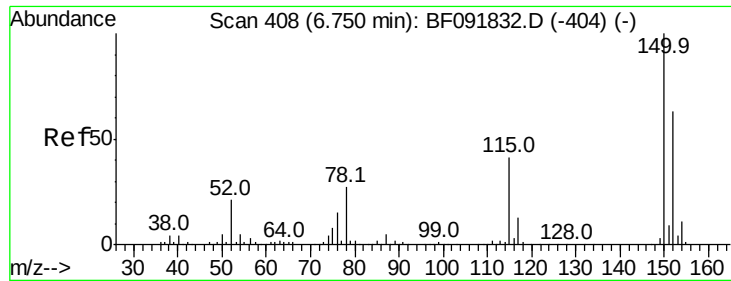
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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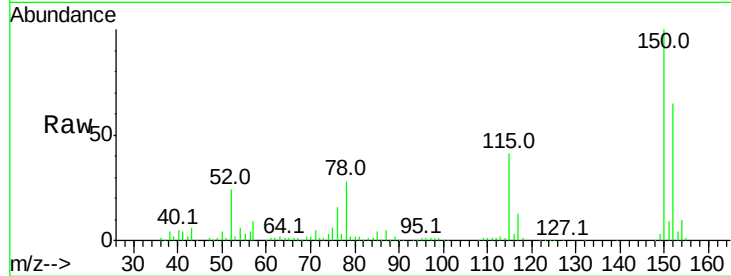


#1

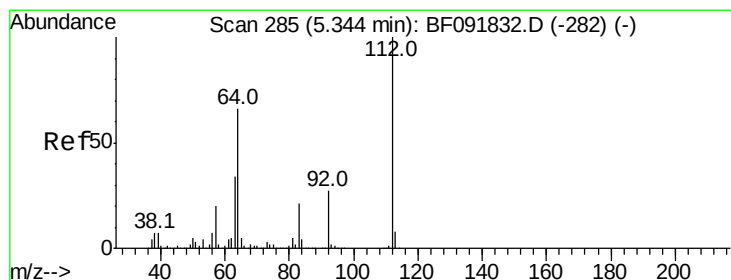
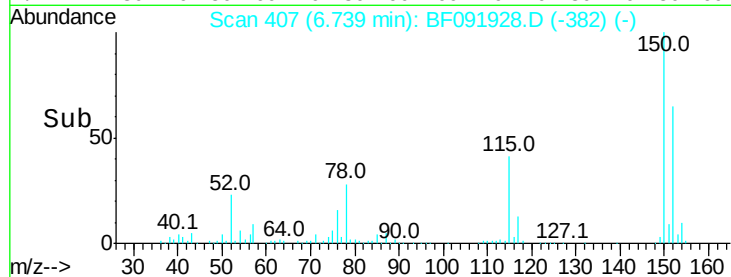
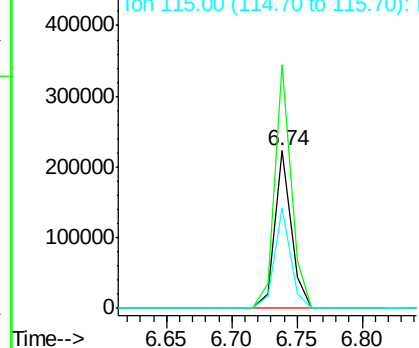
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF091928.D
Acq: 23 Dec 2016 17:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 199029
Ion Ratio Lower Upper
152 100
150 154.3 124.9 187.3
115 63.3 46.0 69.0



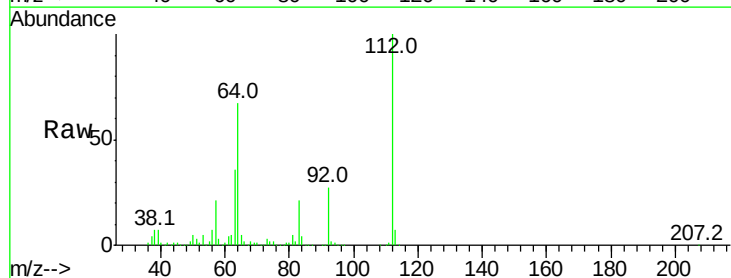
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



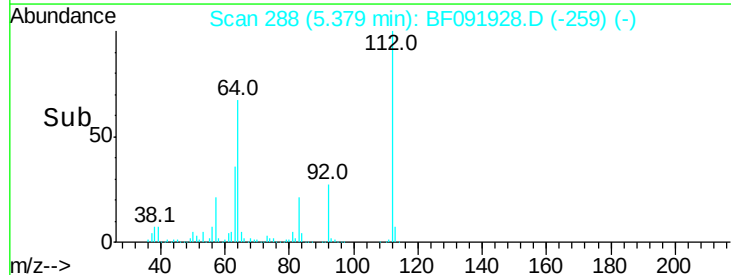
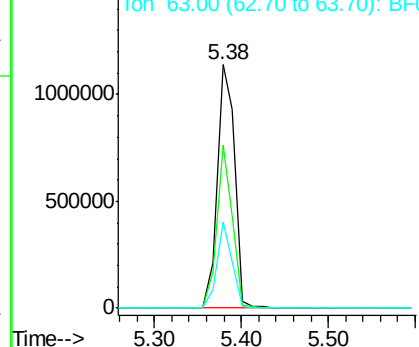
#5

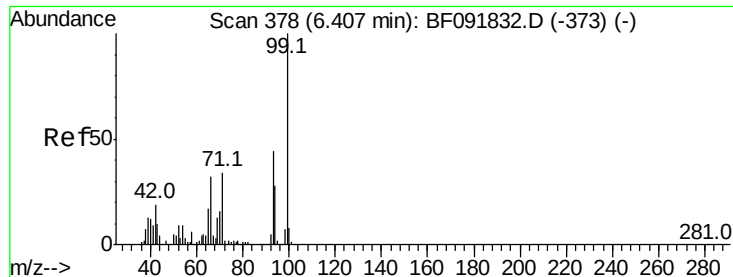
2-Fluorophenol
Concen: 134.81 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.03 min
Lab File: BF091928.D
Acq: 23 Dec 2016 17:17

Tgt Ion:112 Resp: 1606959
Ion Ratio Lower Upper
112 100
64 67.1 46.1 69.1
63 35.6 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: 135.61 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.02 min

Lab File: BF091928.D

Acq: 23 Dec 2016 17:17

Instrument :

BNA_F

ClientSampleId :

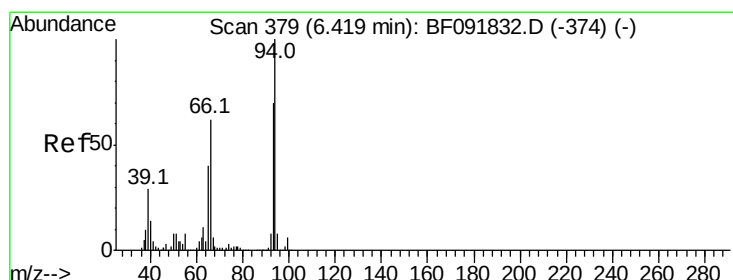
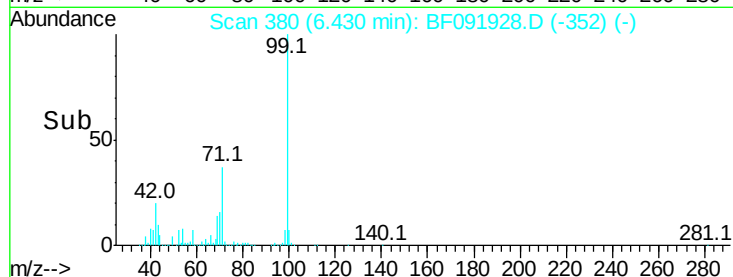
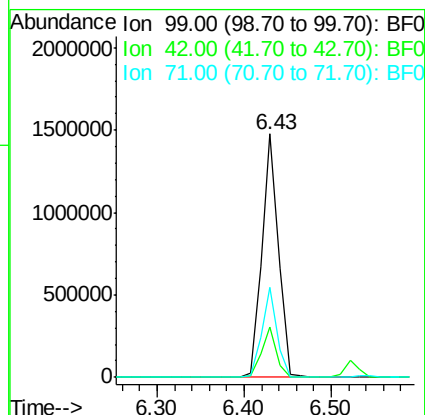
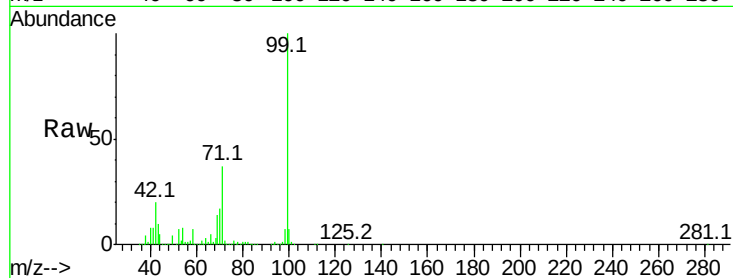
Tot Ion: 99 Resp: 1973579

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

71 37.1 27.5 41.3



#10

Phenol

Concen: 5.22 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.02 min

Lab File: BF091928.D

Acq: 23 Dec 2016 17:17

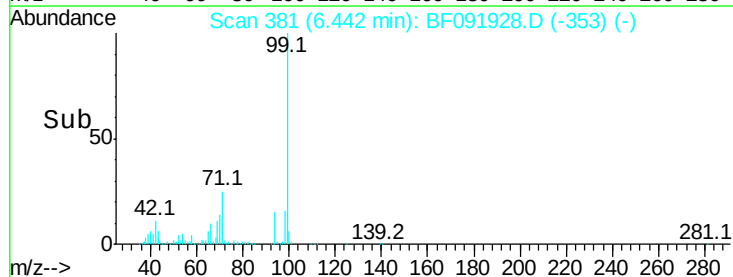
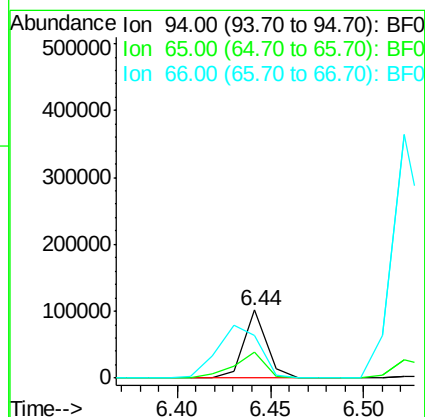
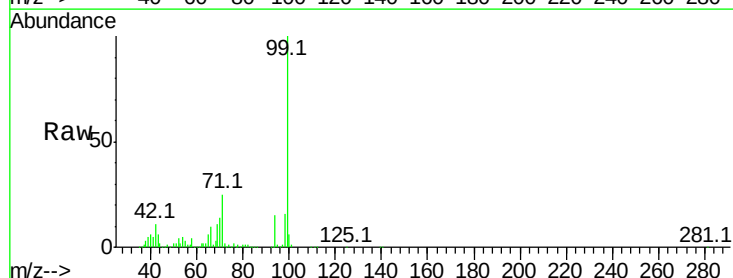
Tgt Ion: 94 Resp: 86568

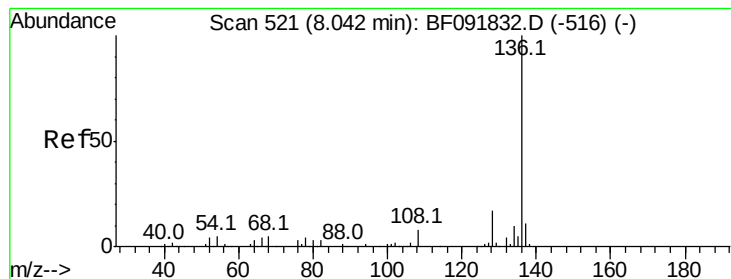
Ion Ratio Lower Upper

94 100

65 38.4 21.4 61.4

66 63.5 44.0 84.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091928.D

Acq: 23 Dec 2016 17:17

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 777136

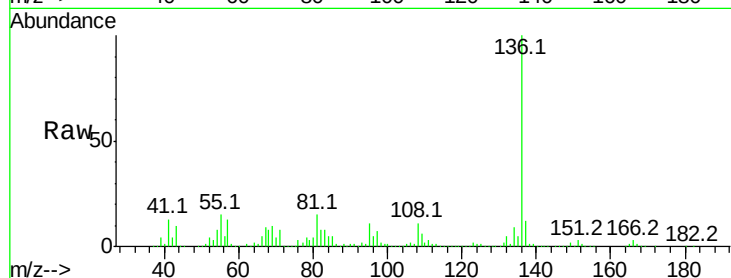
Ion Ratio Lower Upper

136 100

137 11.8 8.4 12.6

54 8.1 4.5 6.7#

68 7.5 3.6 5.4#

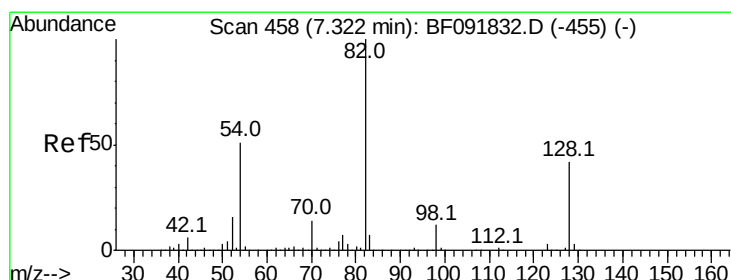
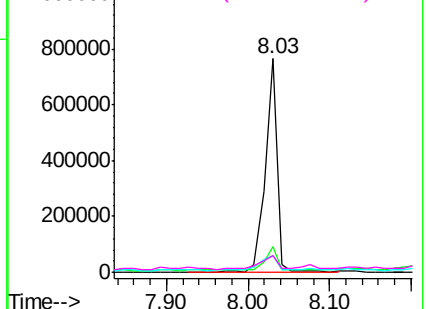
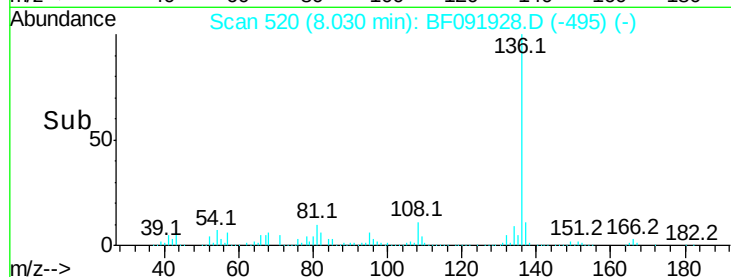


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.99 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091928.D

Acq: 23 Dec 2016 17:17

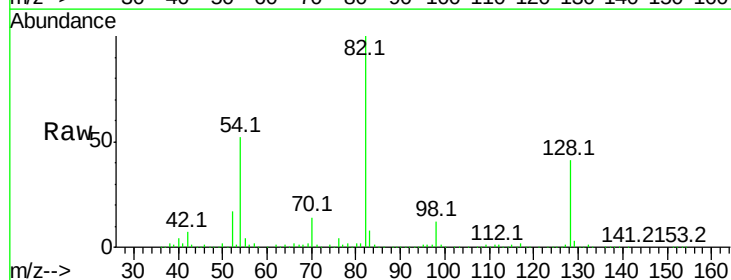
Tgt Ion: 82 Resp: 1271604

Ion Ratio Lower Upper

82 100

128 40.8 34.6 52.0

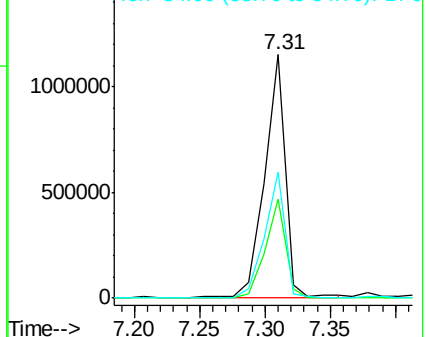
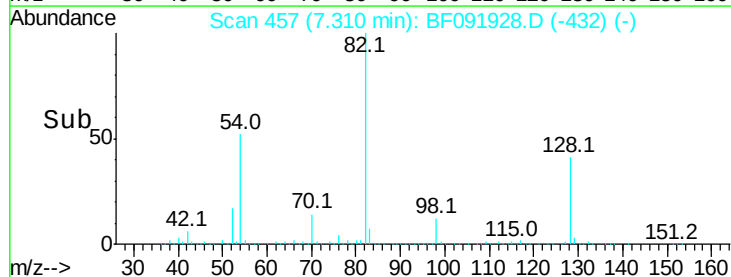
54 51.6 39.5 59.3

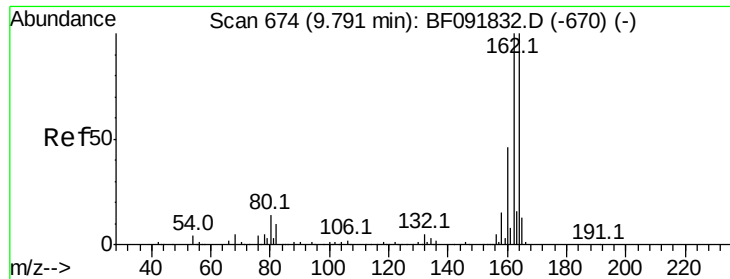


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

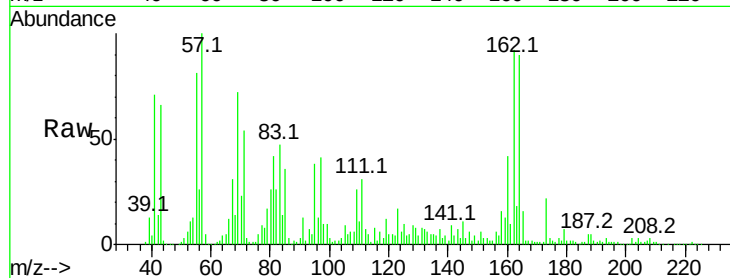




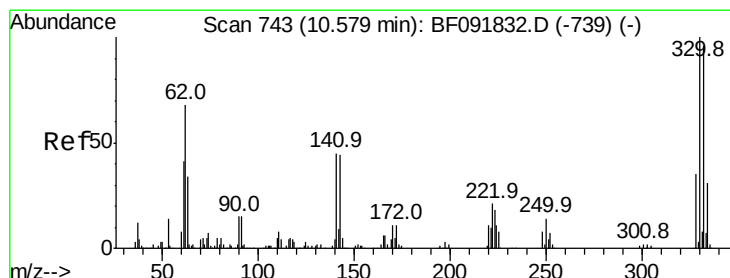
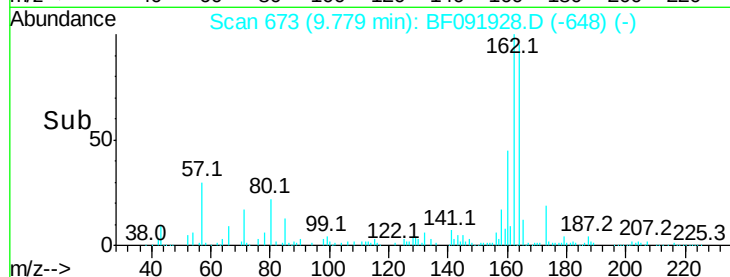
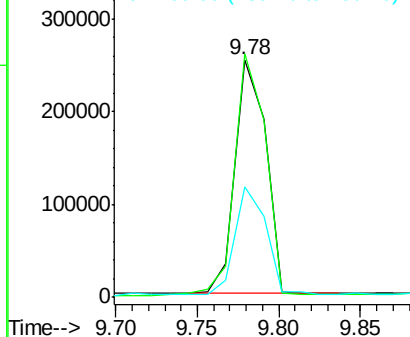
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091928.D
 Acq: 23 Dec 2016 17:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.2	120.2
160	46.7	36.9	55.3

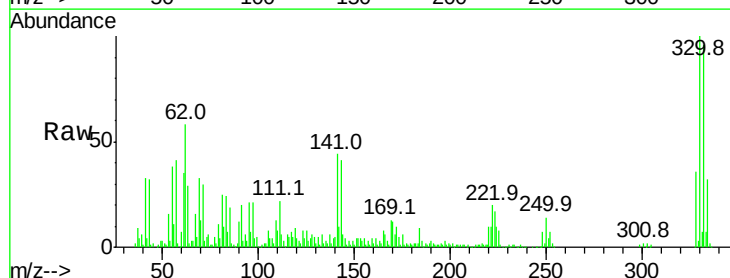


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

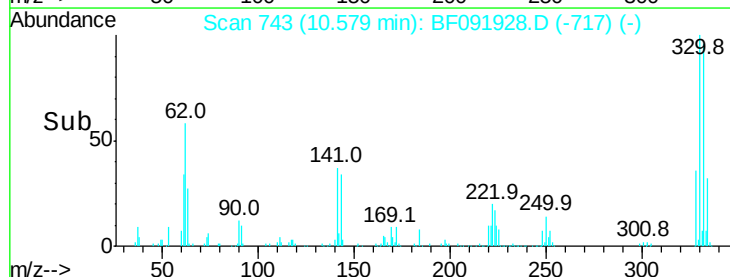
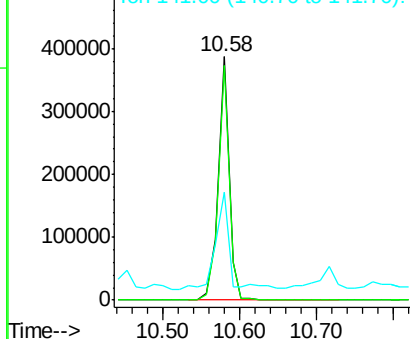


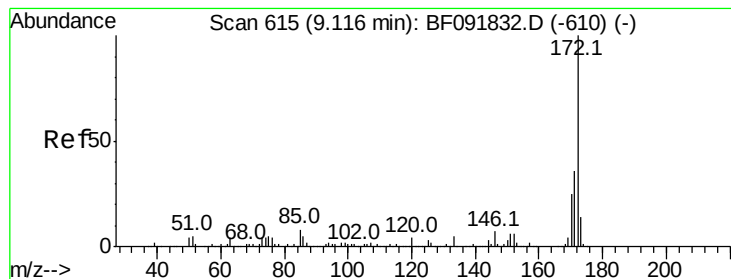
#41
 2,4,6-Tribromophenol
 Concen: 142.28 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091928.D
 Acq: 23 Dec 2016 17:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	45.9	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: 127.11 ng

RT: 9.12 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF091928.D

Acq: 23 Dec 2016 17:17

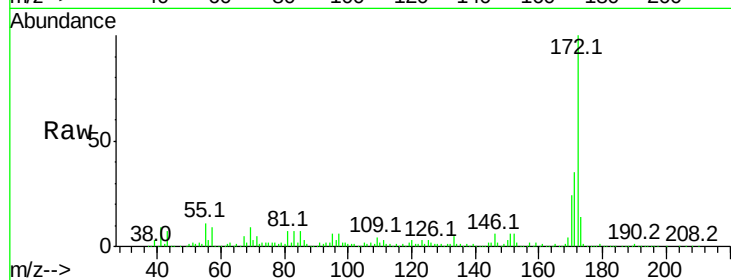
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1932839

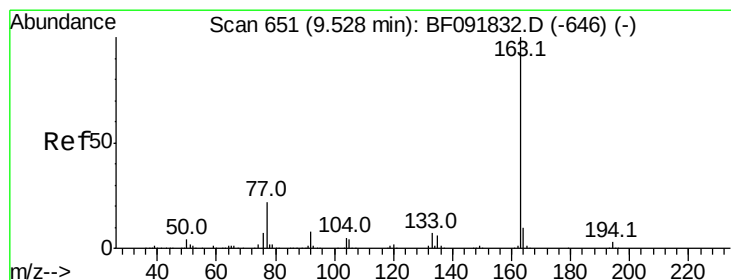
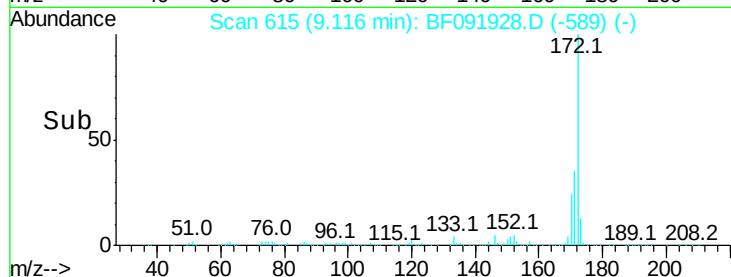
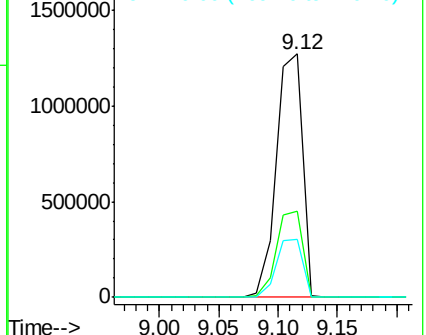
Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	23.8	20.2	30.4



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: 9.39 ng

RT: 9.50 min Scan# 649

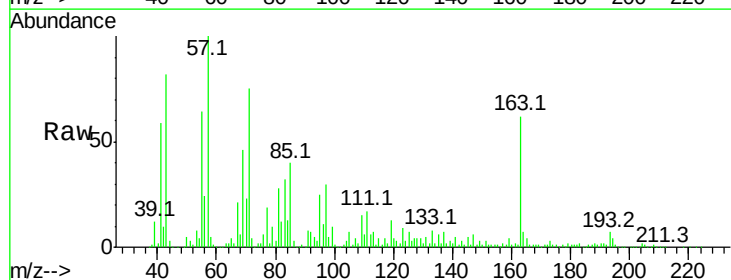
Delta R.T. -0.02 min

Lab File: BF091928.D

Acq: 23 Dec 2016 17:17

Tgt Ion:163 Resp: 197104

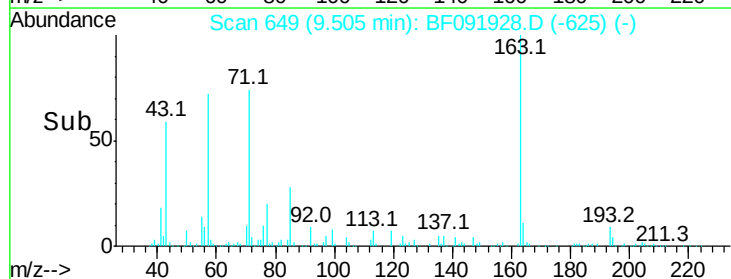
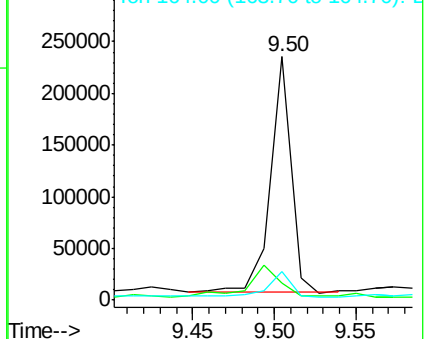
Ion	Ratio	Lower	Upper
163	100		
194	6.8	3.0	4.4#
164	11.6	8.0	12.0

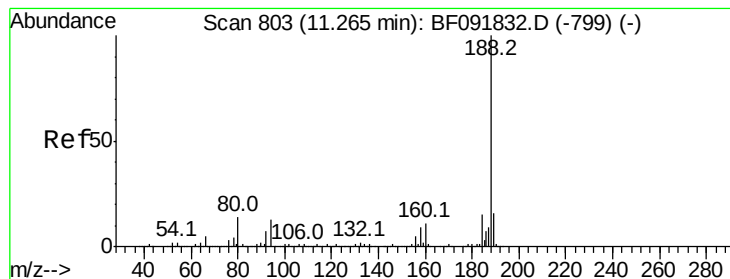


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.26 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF091928.D

Acq: 23 Dec 2016 17:17

Instrument :

BNA_F

ClientSampleId :

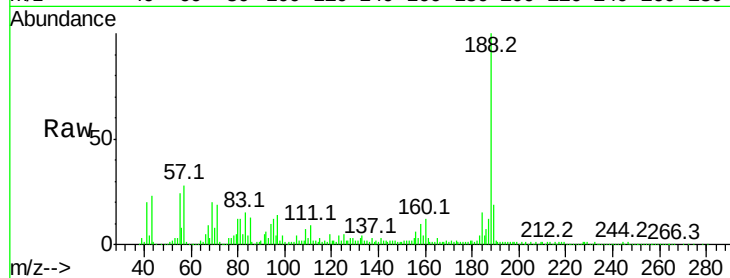
Tot Ion:188 Resp: 573109

Ion Ratio Lower Upper

188 100

94 10.4 10.0 15.0

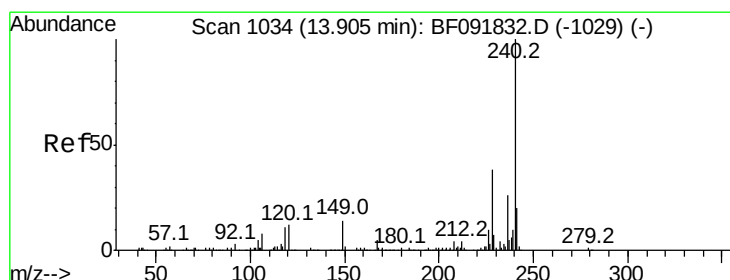
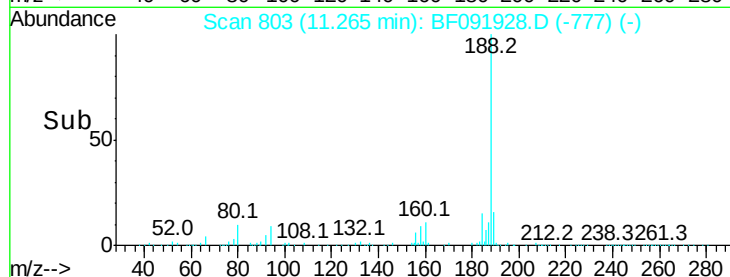
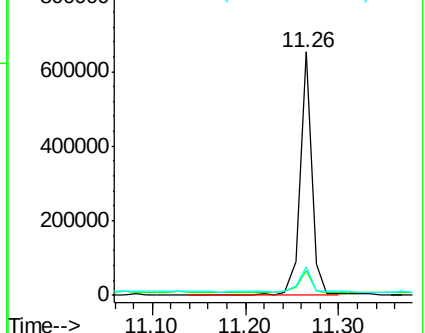
80 11.7 11.2 16.8



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: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF091928.D

Acq: 23 Dec 2016 17:17

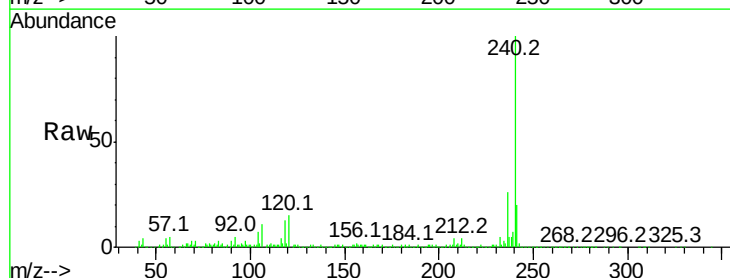
Tgt Ion:240 Resp: 544562

Ion Ratio Lower Upper

240 100

120 15.3 12.9 19.3

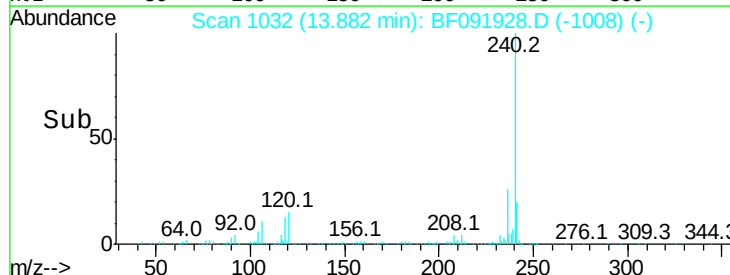
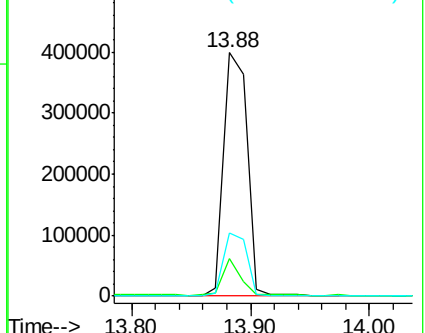
236 26.1 20.9 31.3

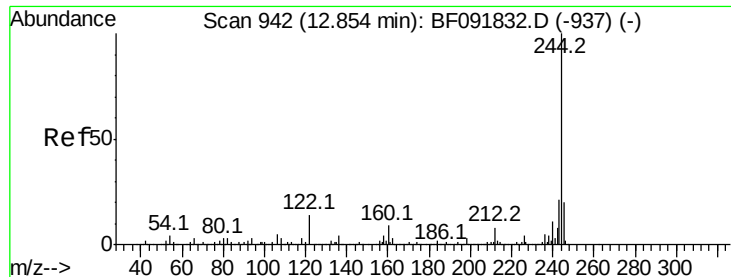


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.42 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091928.D

Acq: 23 Dec 2016 17:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:244 Resp: 1850730

Ion Ratio Lower Upper

244 100

212 7.0

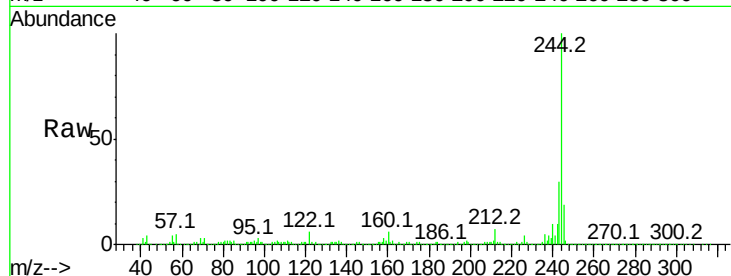
6.2

9.2

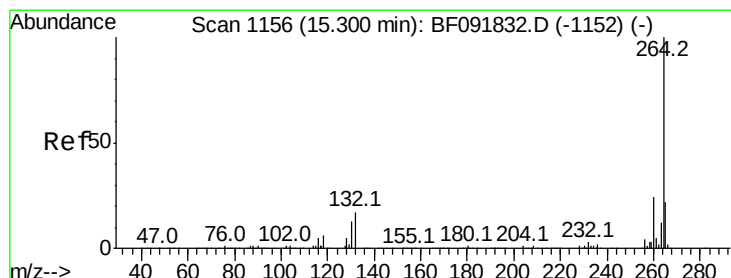
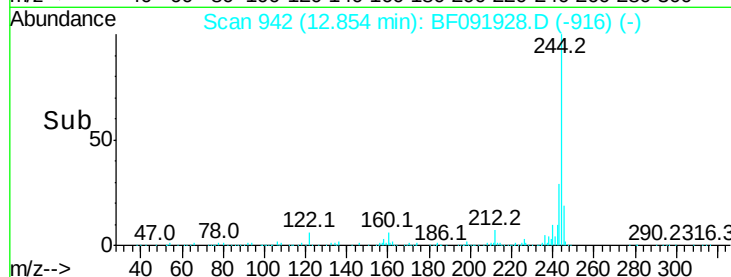
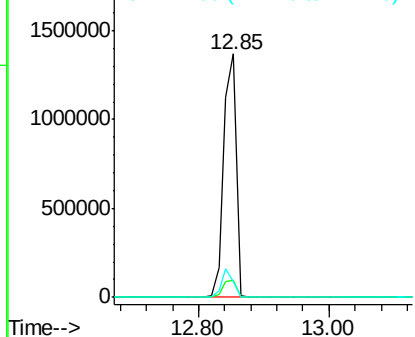
122 6.4

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: 15.28 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF091928.D

Acq: 23 Dec 2016 17:17

Tgt Ion:264 Resp: 431485

Ion Ratio Lower Upper

264 100

260 23.6

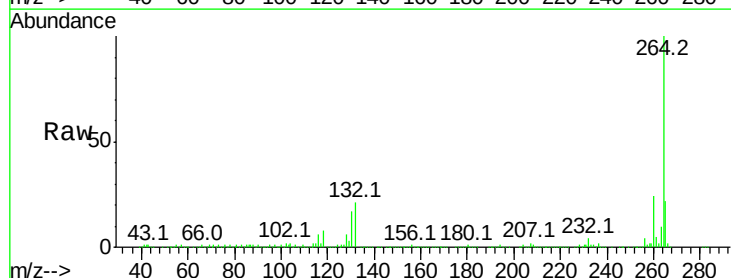
19.2

28.8

265 21.7

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

