

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 :
 B-4

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

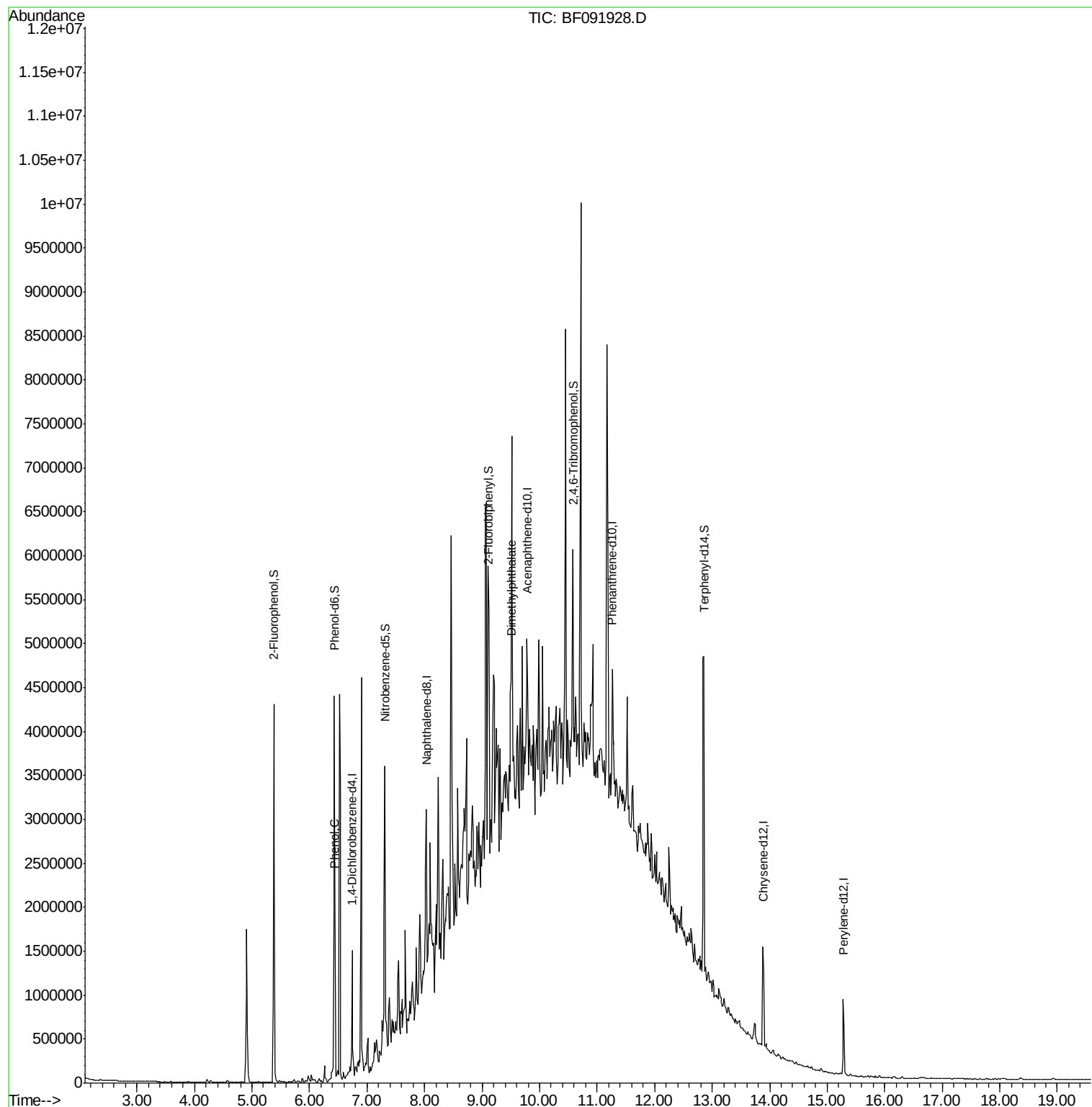
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	199029	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	777136	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	328061	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	573109	20.00	ng	0.00
75) Chrysene-d12	13.88	240	544562	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

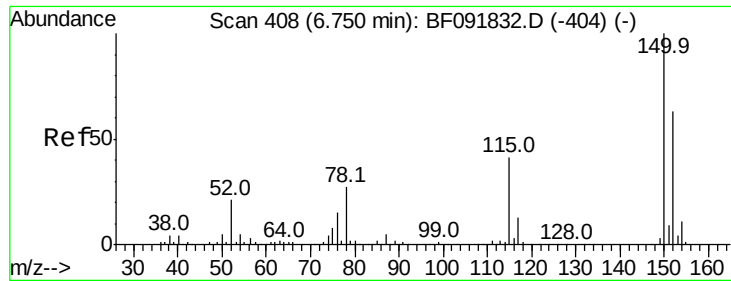
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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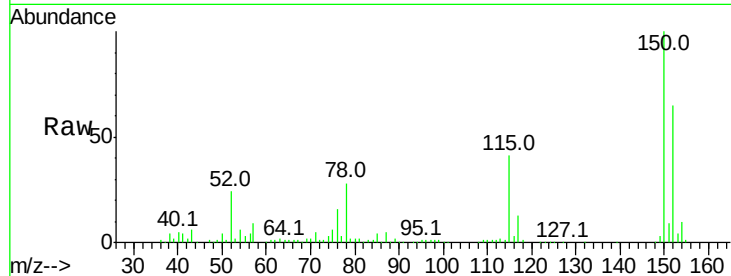


#1

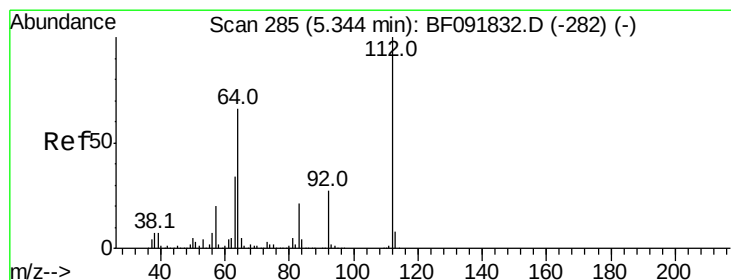
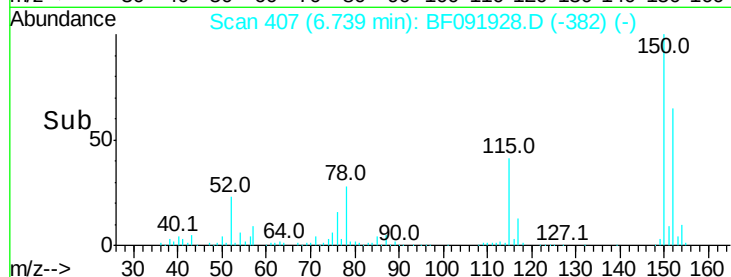
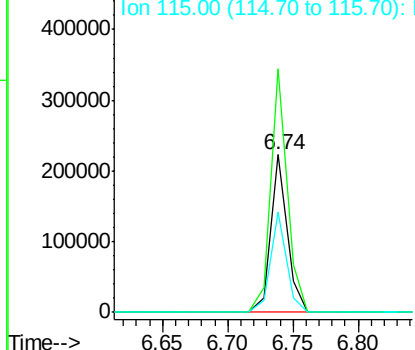
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF091928.D
Acq: 23 Dec 2016 17:17

Instrument :
BNA_F
ClientSampled :
B-4

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



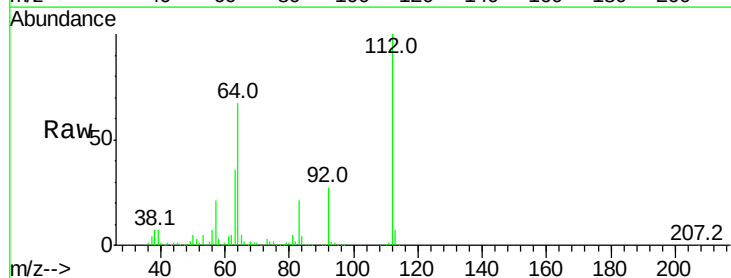
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



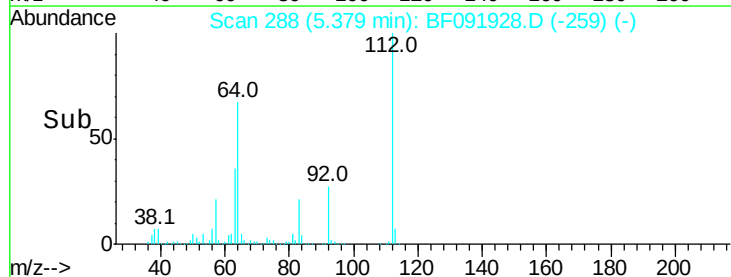
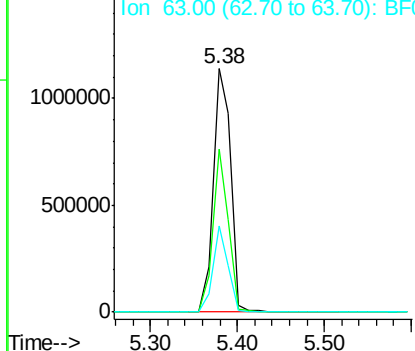
#5

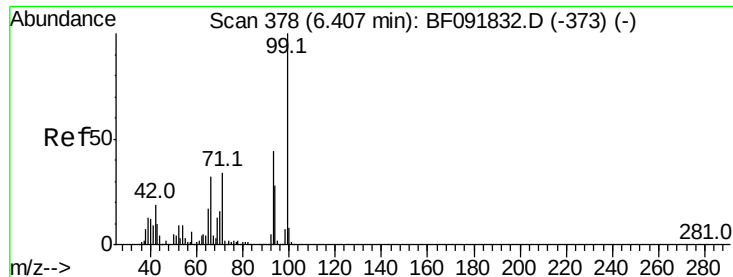
2-Fluorophenol
Concen: 134.81 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.03 min
Lab File: BF091928.D
Acq: 23 Dec 2016 17:17

Tgt Ion	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 :

B-4

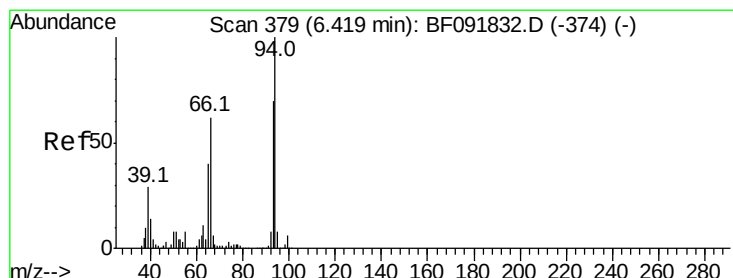
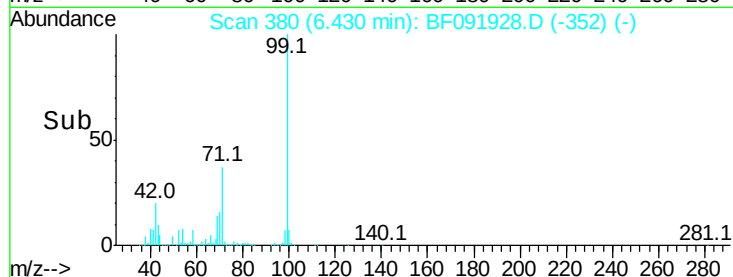
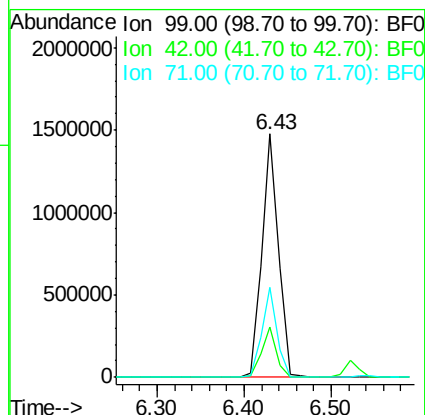
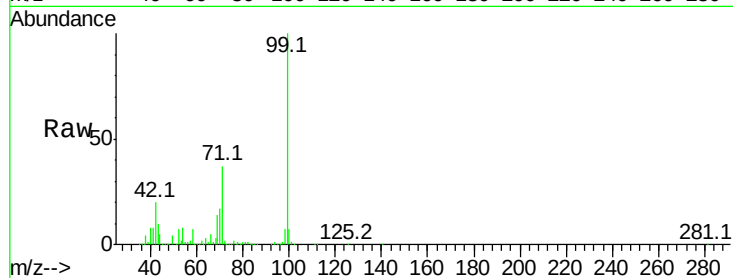
Tot Ion: 99 Resp: 1973579

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

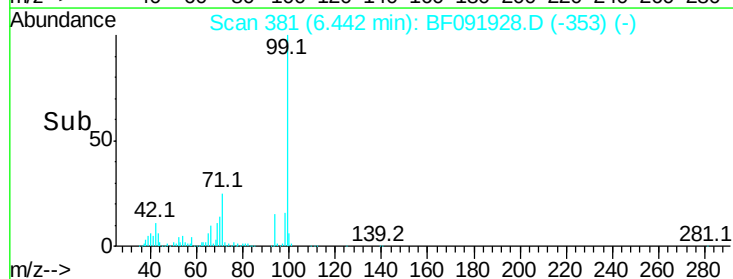
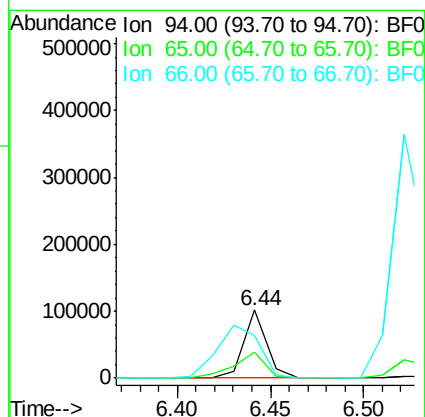
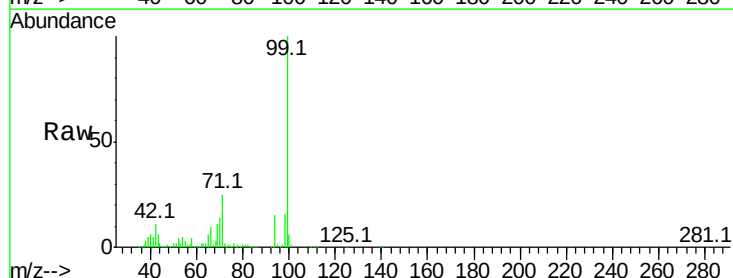
Tgt Ion: 94 Resp: 86568

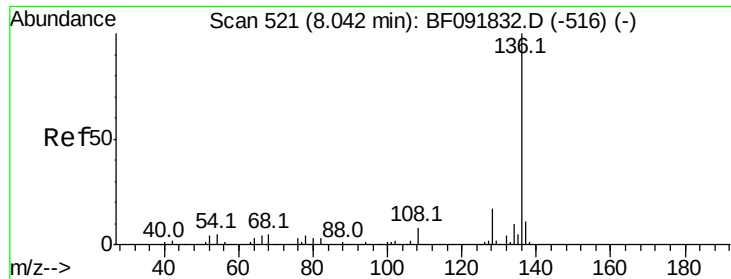
Ion Ratio Lower Upper

94 100

65 38.4 21.4 61.4

66 63.5 44.0 84.0

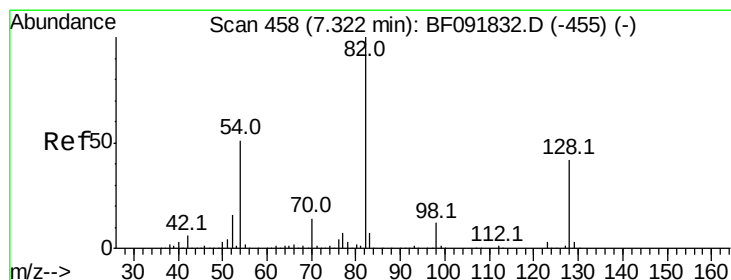
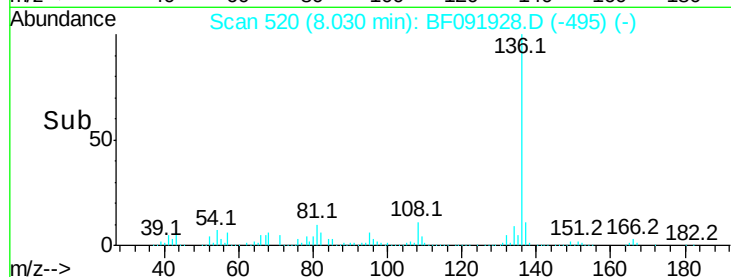
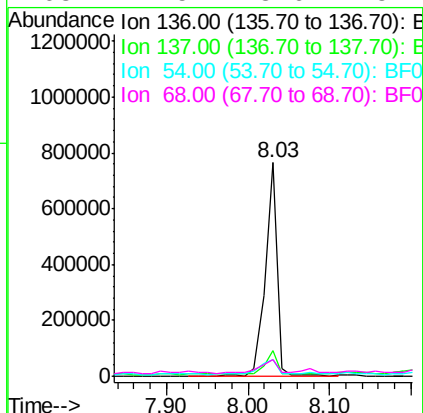
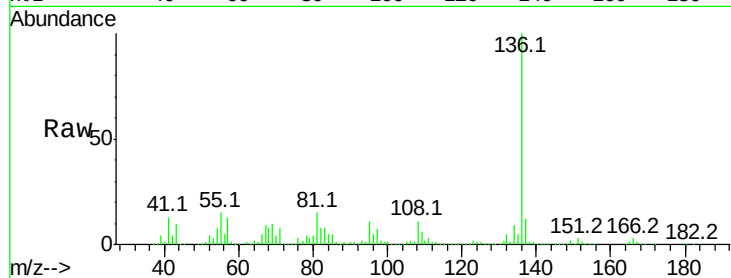




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091928.D
Acq: 23 Dec 2016 17:17

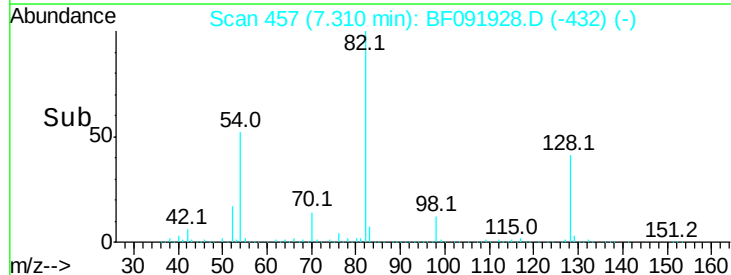
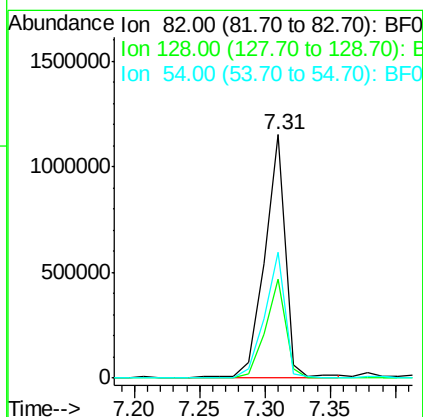
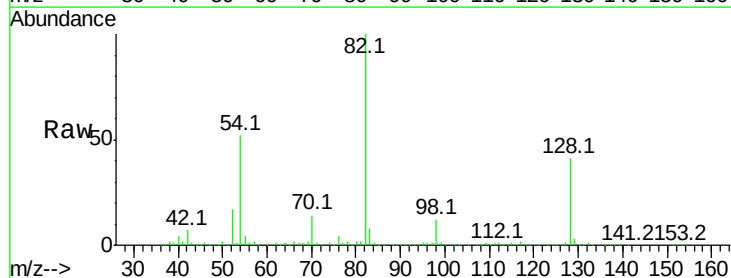
Instrument :
BNA_F
ClientSampled :
B-4

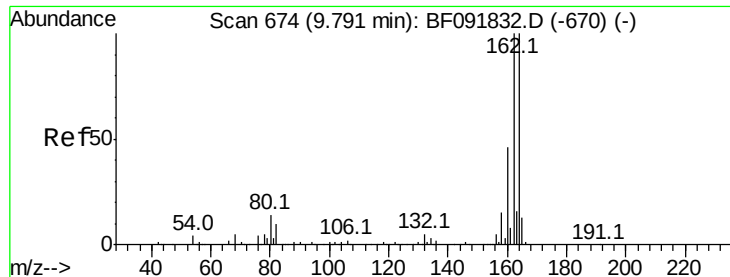
Tot Ion:136	Resp:	777136
Ion Ratio	Lower	Upper
136 100		
137 11.8	8.4	12.6
54 8.1	4.5	6.7#
68 7.5	3.6	5.4#



#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





#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 :

B-4

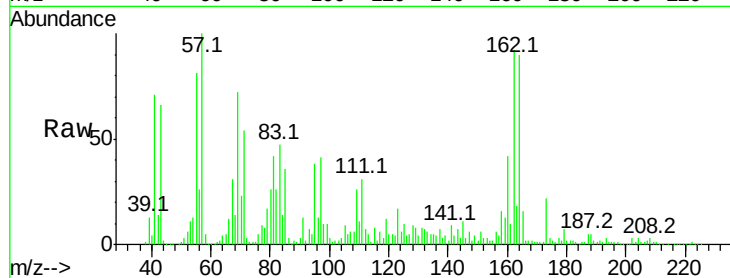
Tot Ion:164 Resp: 328061

Ion Ratio Lower Upper

164 100

162 102.4 80.2 120.2

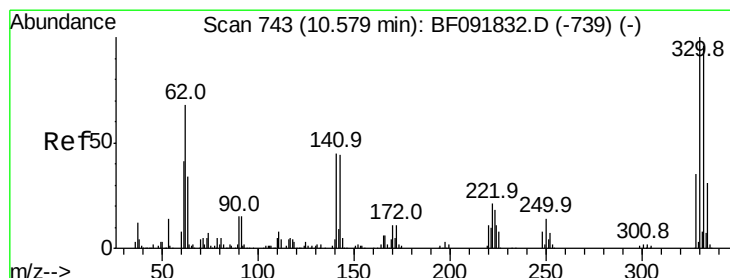
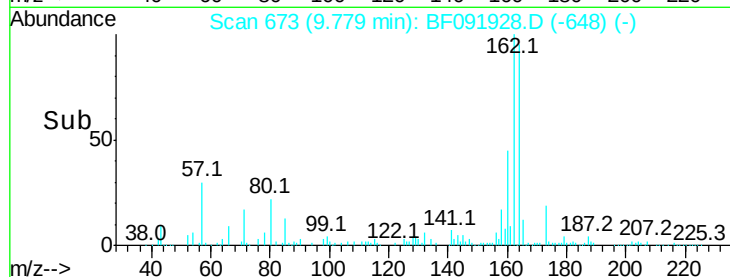
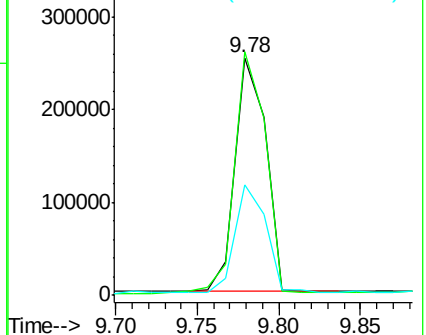
160 46.7 36.9 55.3



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

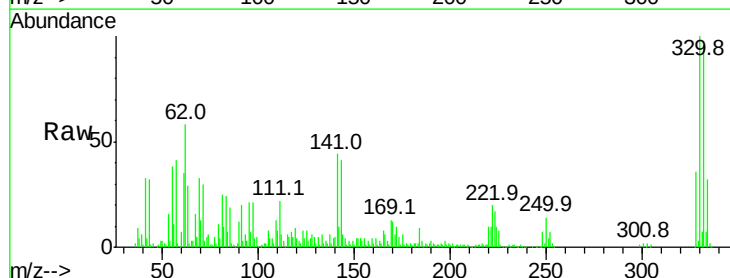
Tgt Ion:330 Resp: 386289

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

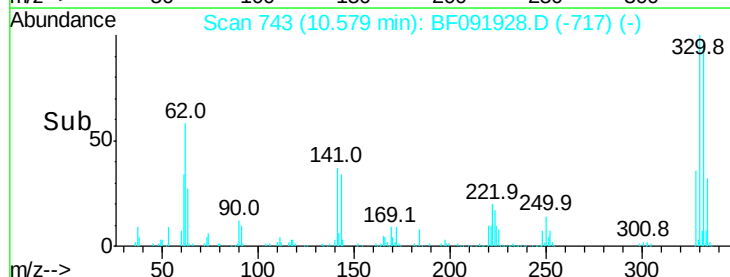
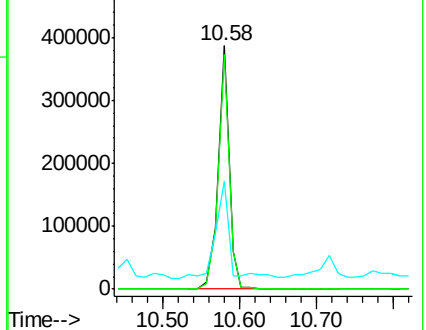
141 45.9 34.1 51.1

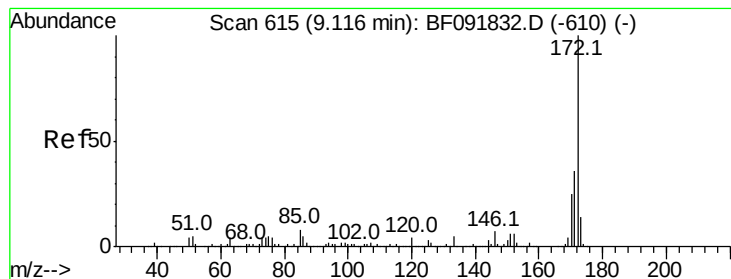


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

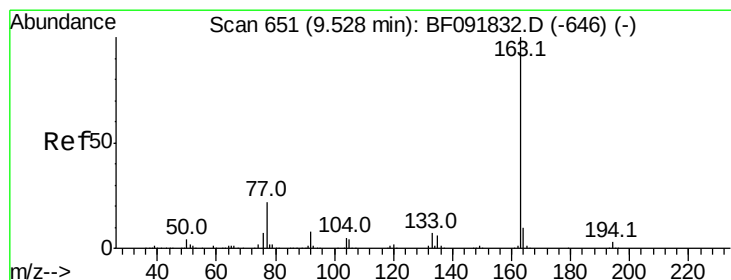
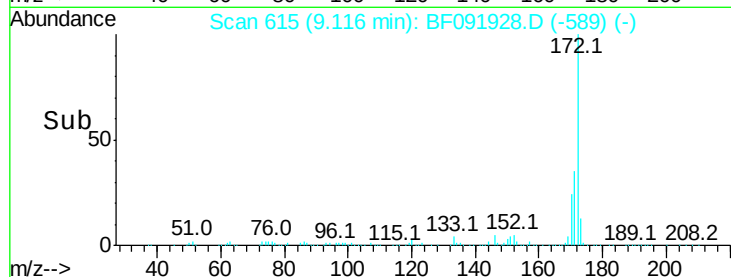
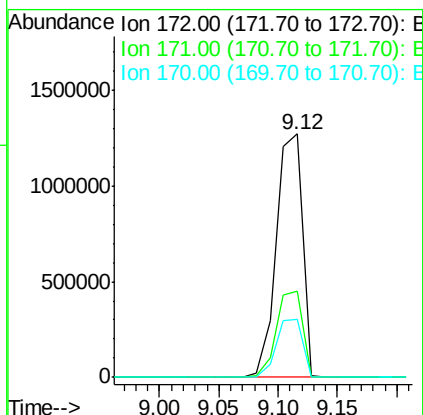
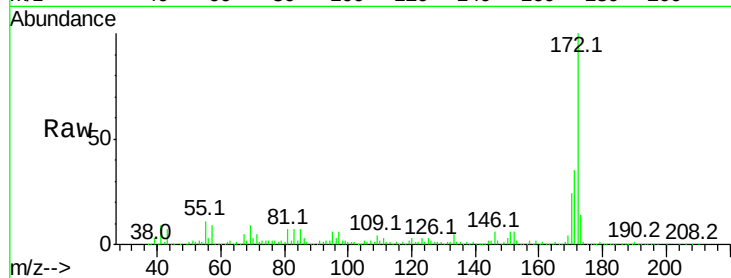




#44
2-Fluorobiphenyl
Concen: 127.11 ng
RT: 9.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF091928.D
Acq: 23 Dec 2016 17:17

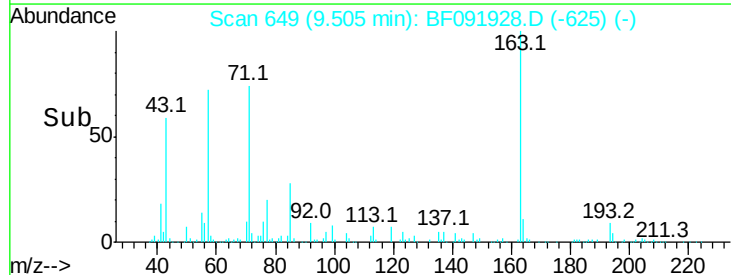
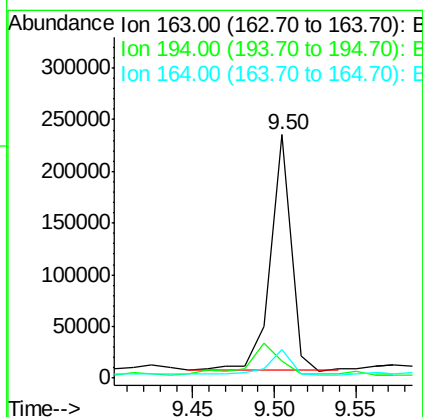
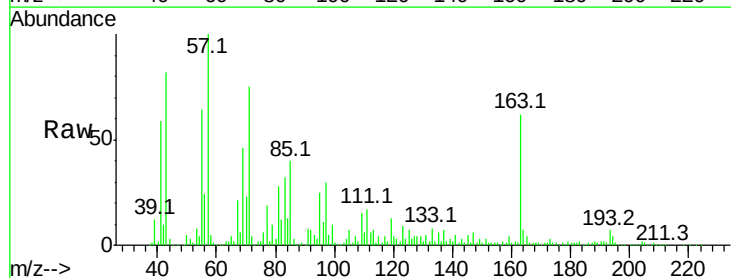
Instrument :
BNA_F
ClientSampleId :
B-4

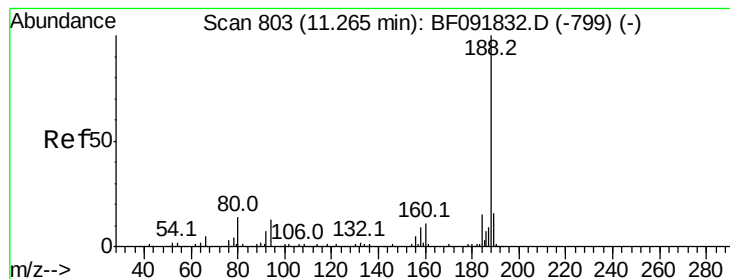
Tot Ion:172 Resp: 1932839
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.0
170 23.8 20.2 30.4



#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





#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 :

B-4

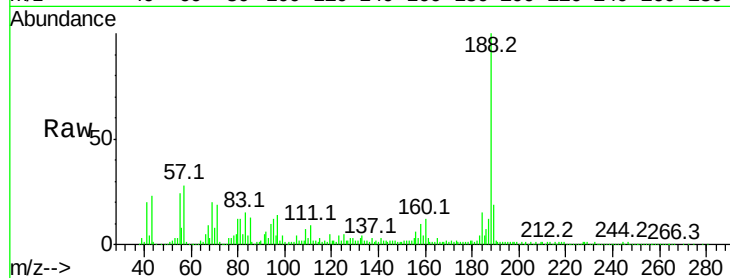
Tot Ion:188 Resp: 573109

Ion Ratio Lower Upper

188 100

94 10.4 10.0 15.0

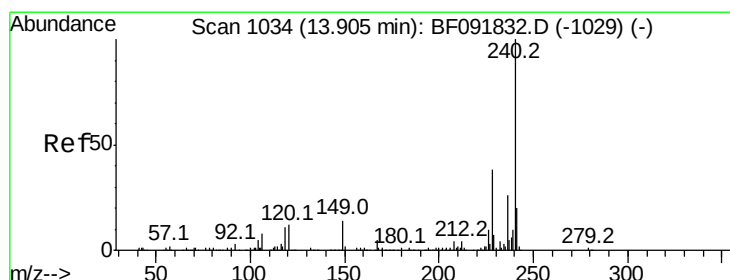
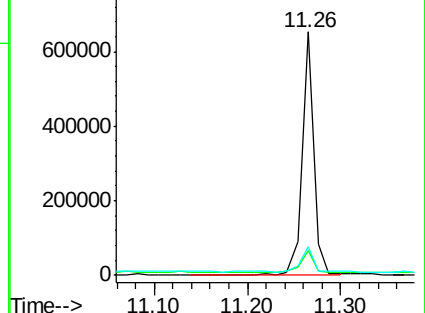
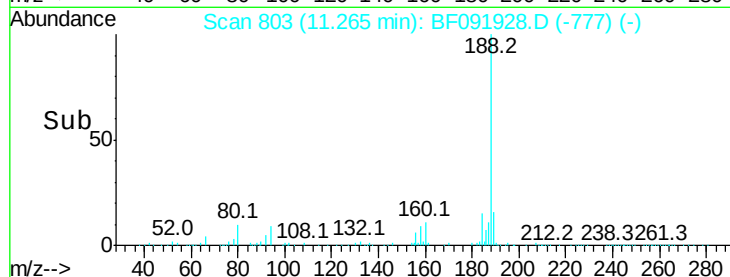
80 11.7 11.2 16.8



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

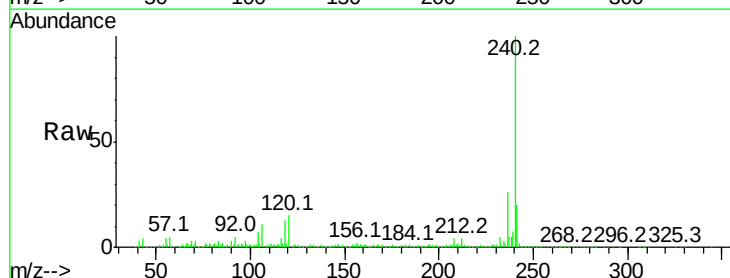
Tgt Ion:240 Resp: 544562

Ion Ratio Lower Upper

240 100

120 15.3 12.9 19.3

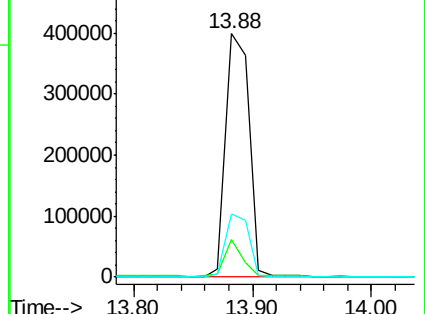
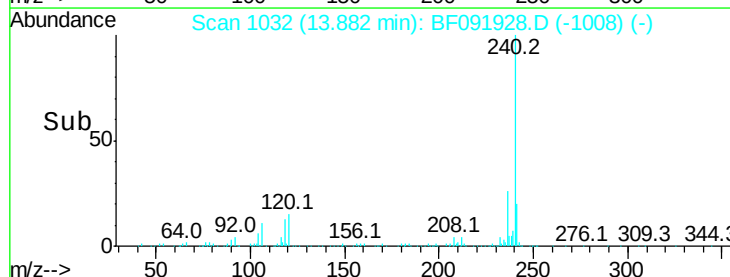
236 26.1 20.9 31.3

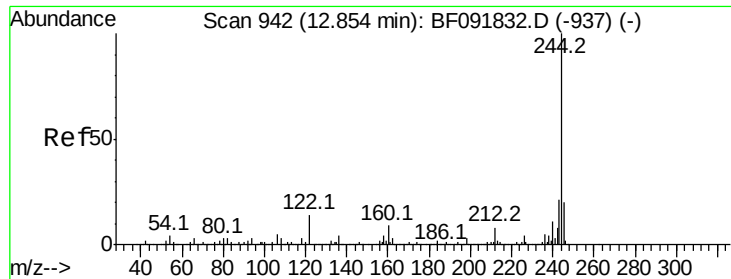


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

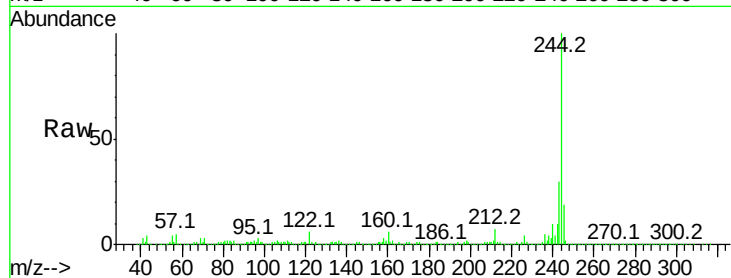




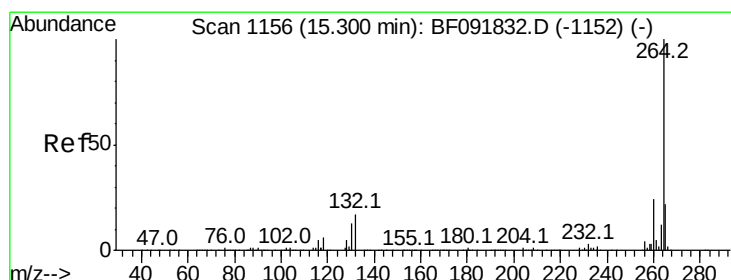
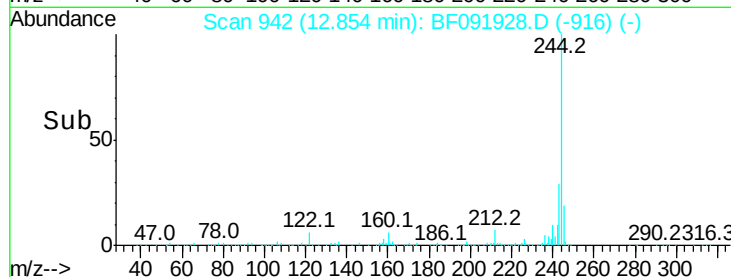
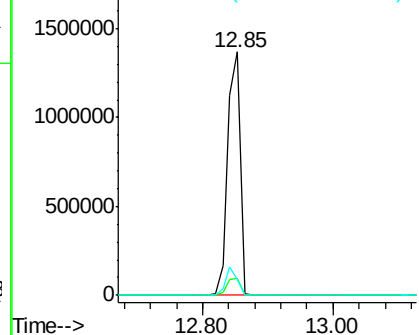
#78
 Terphenyl-d14
 Concen: 82.42 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF091928.D
 Acq: 23 Dec 2016 17:17

Instrument :
 BNA_F
 ClientSampleId :
 B-4

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#

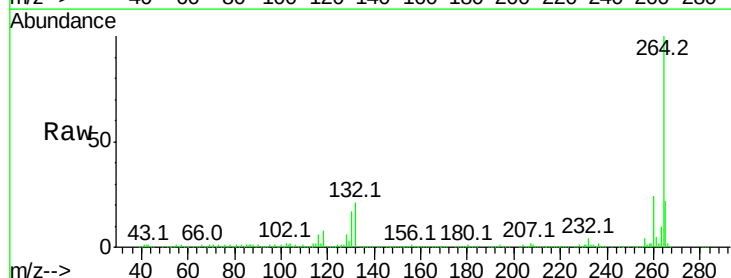


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#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

