

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091735.D
 Acq On : 18 Dec 2016 14:44
 Operator : UM/SJ
 Sample : H6101-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW03-121316

Quant Time: Dec 19 03:06:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

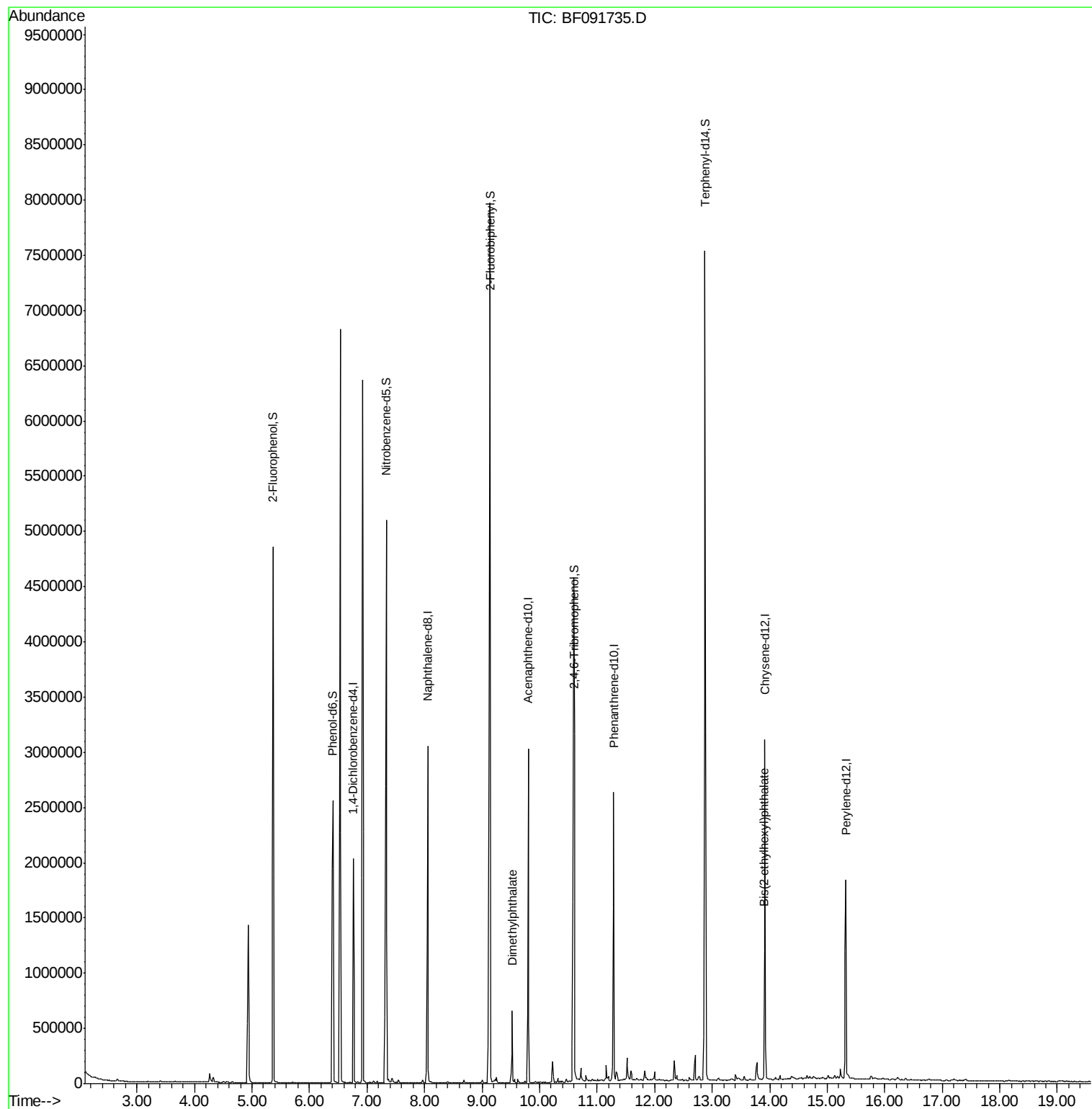
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	351110	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1527797	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	684319	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1195398	20.00	ng	0.00
75) Chrysene-d12	13.92	240	974979	20.00	ng	-0.01
86) Perylene-d12	15.32	264	859240	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1368430	65.30	ng	0.00
7) Phenol-d6	6.41	99	1198513	46.89	ng	-0.01
23) Nitrobenzene-d5	7.33	82	2364343	89.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	911418	157.07	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	3980544	116.86	ng	0.00
78) Terphenyl-d14	12.88	244	3306239	85.62	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	310366	6.94	ng	Qvalue 98
83) Bis(2-ethylhexyl)phthalate	13.91	149	138557	3.31	ng	# 99

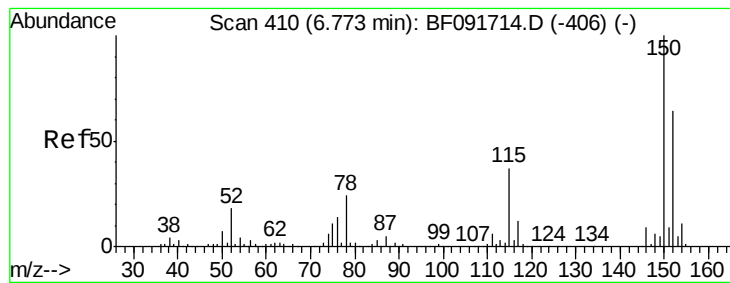
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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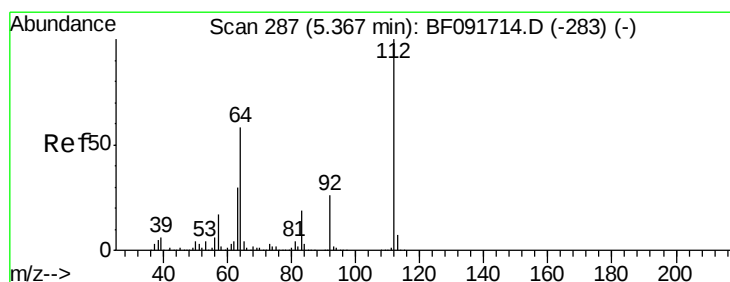
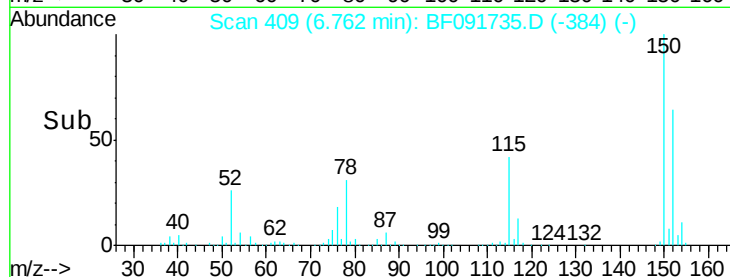
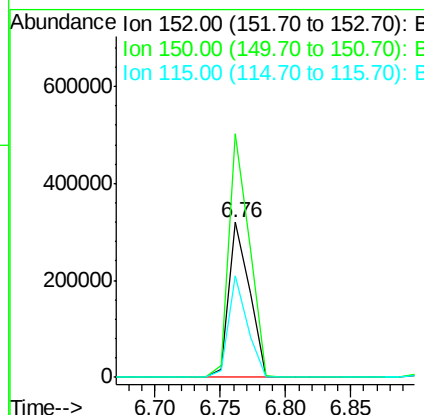
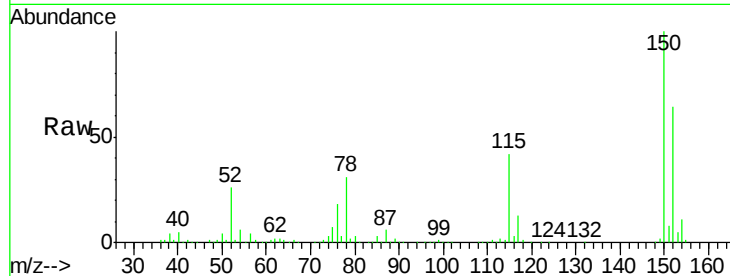


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091735.D
Acq: 18 Dec 2016 14:44

Instrument :
BNA_F
ClientSampleId :
SW03-121316

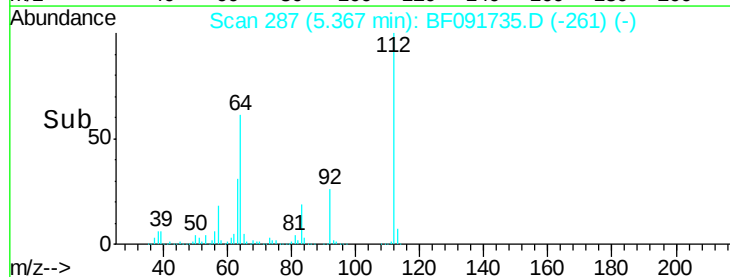
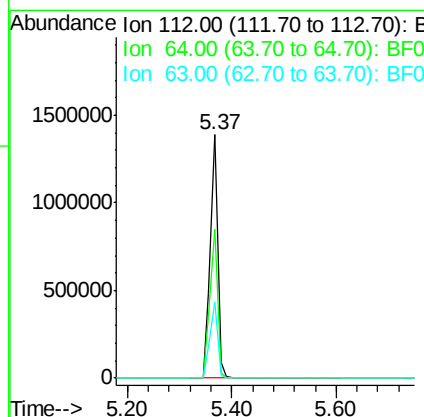
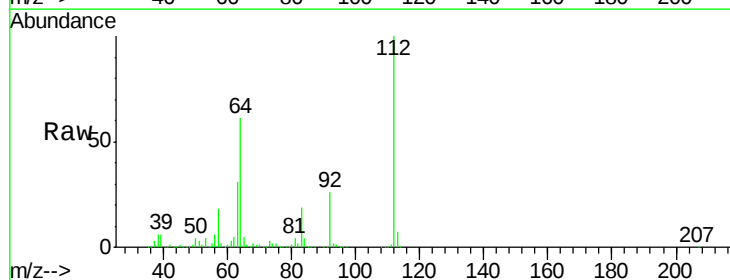
Tot Ion:152 Resp: 351110
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 65.9 46.0 69.0

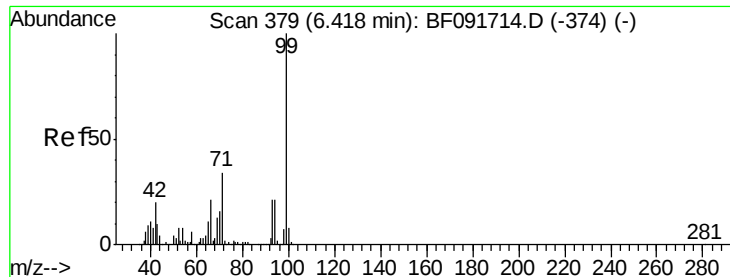


#5

2-Fluorophenol
Concen: 65.30 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF091735.D
Acq: 18 Dec 2016 14:44

Tgt Ion:112 Resp: 1368430
Ion Ratio Lower Upper
112 100
64 61.0 46.1 69.1
63 31.2 23.8 35.6





#7

Phenol-d6

Concen: 46.89 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091735.D

Acq: 18 Dec 2016 14:44

Instrument :

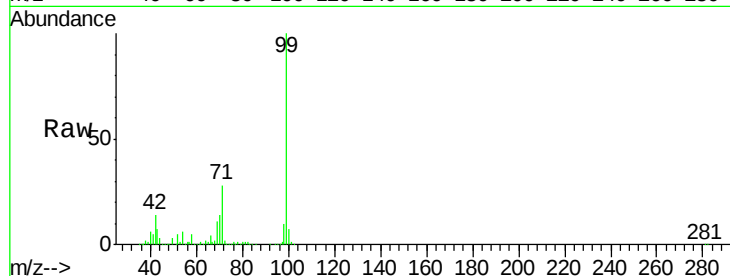
BNA_F

ClientSampleId :

SW03-121316

Tot Ion: 99 Resp: 1198513

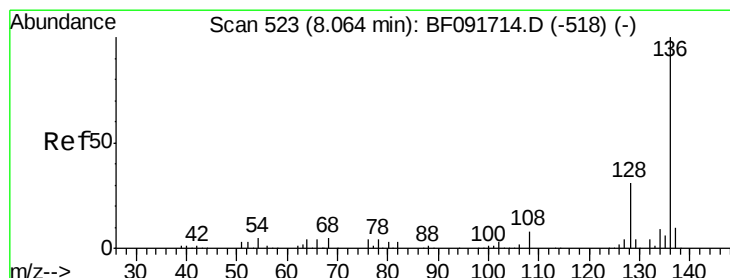
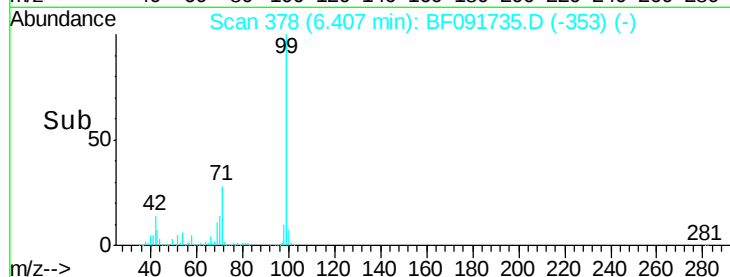
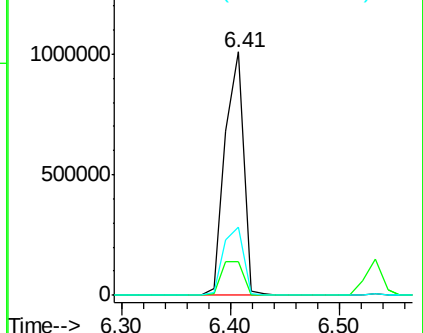
Ion	Ratio	Lower	Upper
99	100		
42	13.7	15.6	23.4#
71	28.2	27.5	41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

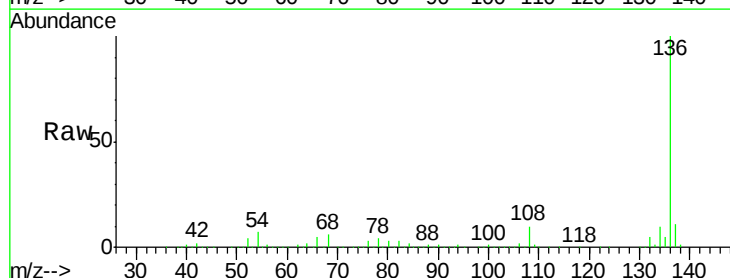
Delta R.T. -0.01 min

Lab File: BF091735.D

Acq: 18 Dec 2016 14:44

Tgt Ion: 136 Resp: 1527797

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.4	4.5	6.7#
68	6.1	3.6	5.4#

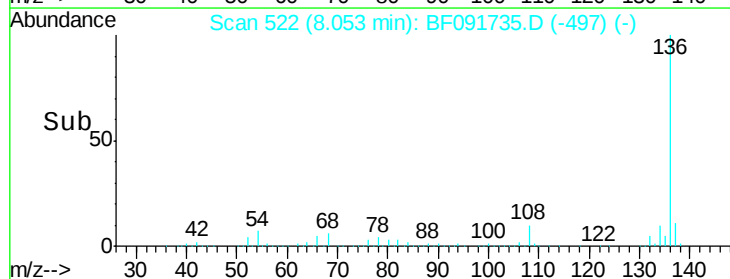
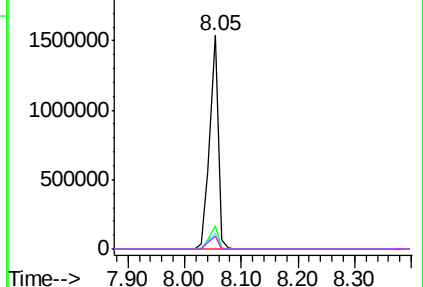


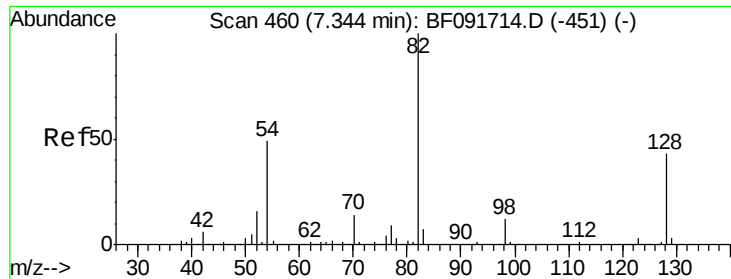
Abundance Ion 136.00 (135.70 to 136.70): E

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

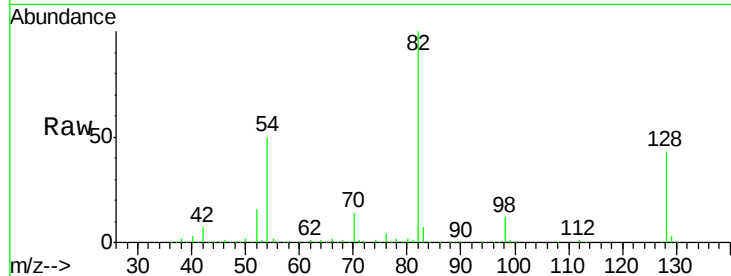




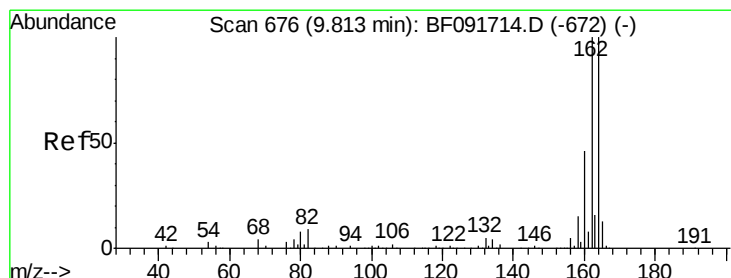
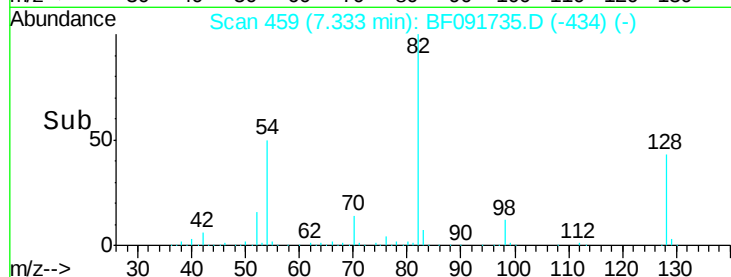
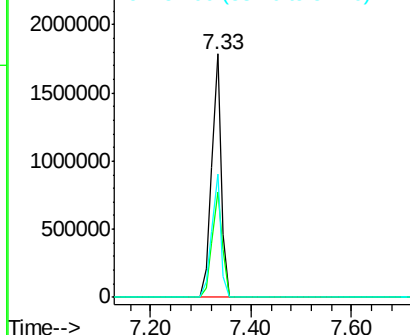
#23
Nitrobenzene-d5
Concen: 89.24 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091735.D
Acq: 18 Dec 2016 14:44

Instrument :
BNA_F
ClientSampleId :
SW03-121316

Tot Ion: 82 Resp: 2364343
Ion Ratio Lower Upper
82 100
128 43.3 34.6 52.0
54 50.5 39.5 59.3

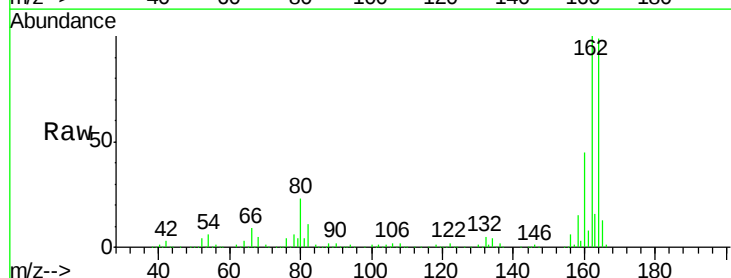


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

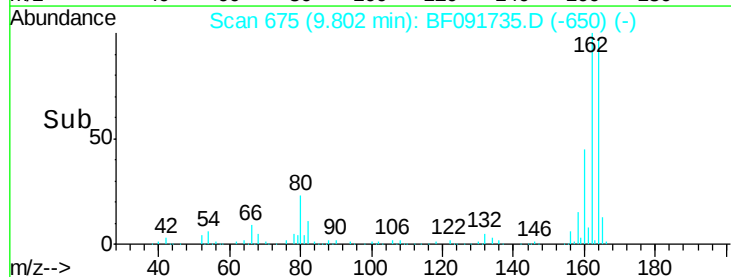
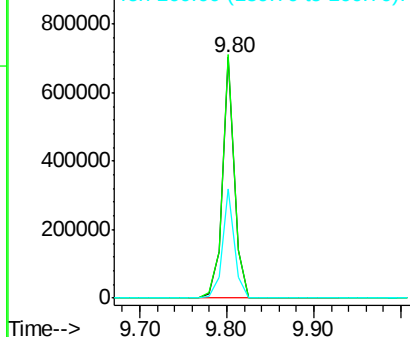


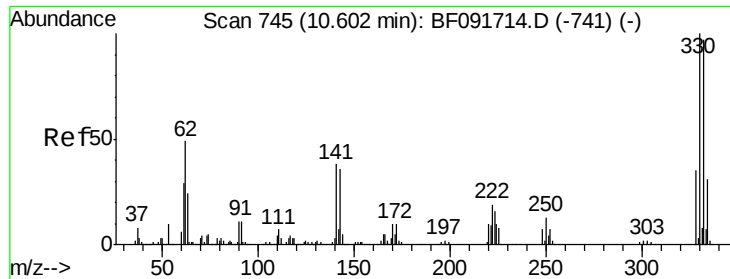
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091735.D
Acq: 18 Dec 2016 14:44

Tgt Ion:164 Resp: 684319
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 45.3 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

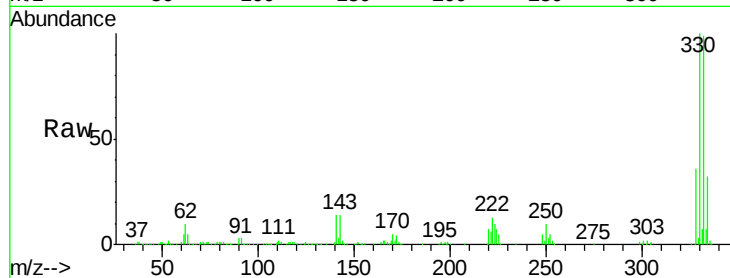




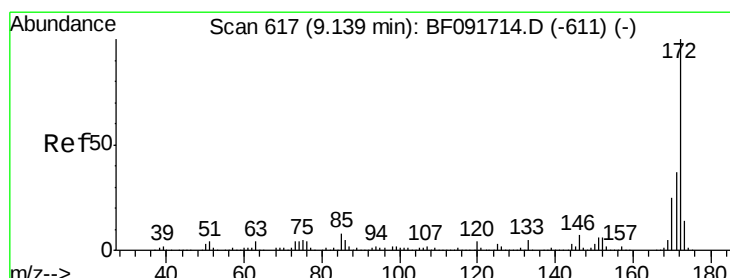
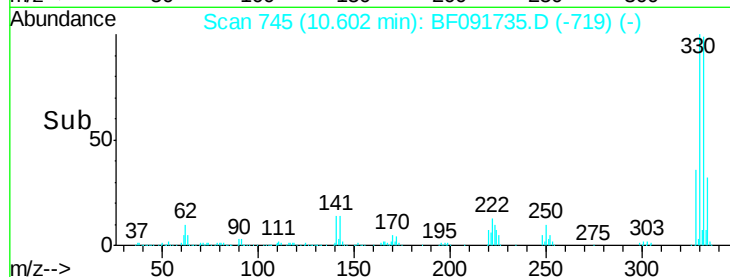
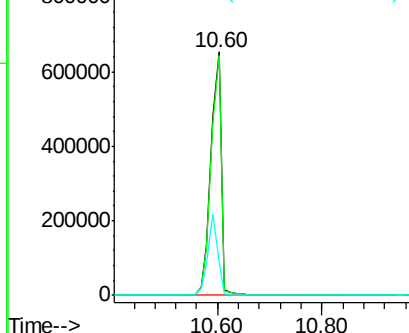
#41
 2,4,6-Tribromophenol
 Concen: 157.07 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091735.D
 Acq: 18 Dec 2016 14:44

Instrument :
 BNA_F
 ClientSampleId :
 SW03-121316

Tot Ion:330 Resp: 911418
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 31.6 34.1 51.1#

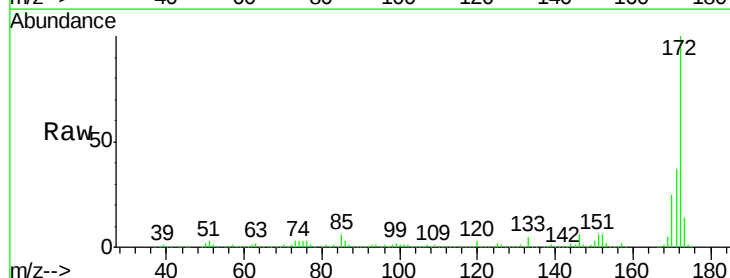


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

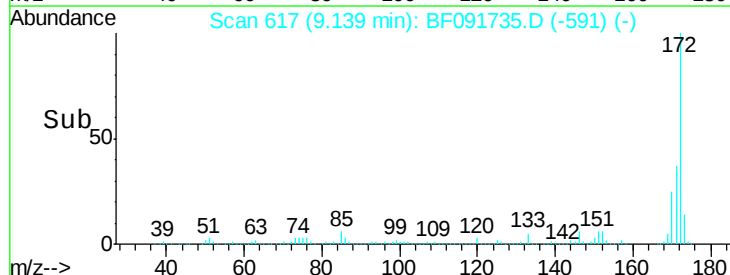
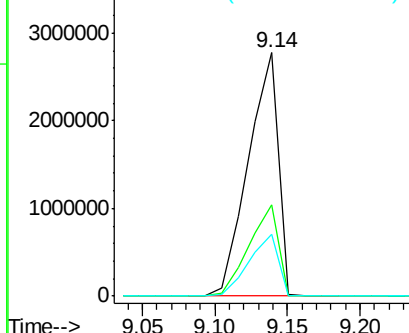


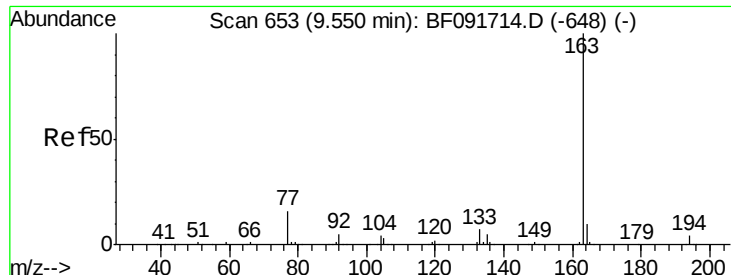
#44
 2-Fluorobiphenyl
 Concen: 116.86 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091735.D
 Acq: 18 Dec 2016 14:44

Tgt Ion:172 Resp: 3980544
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.0
 170 25.5 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

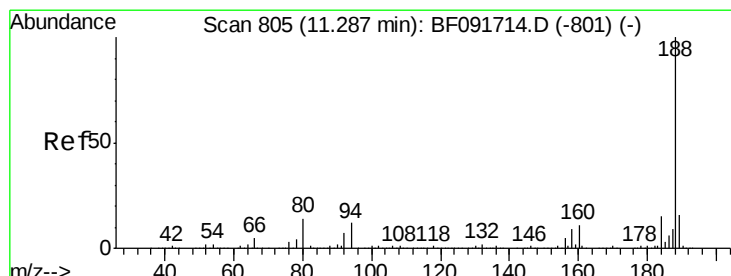
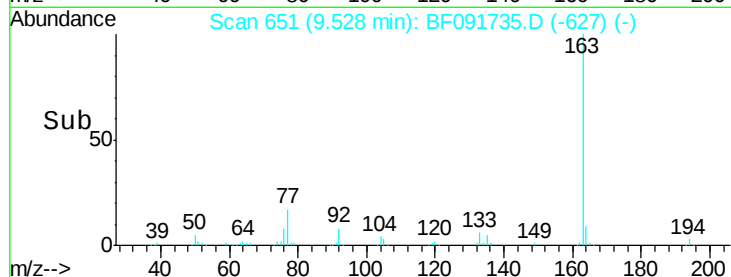
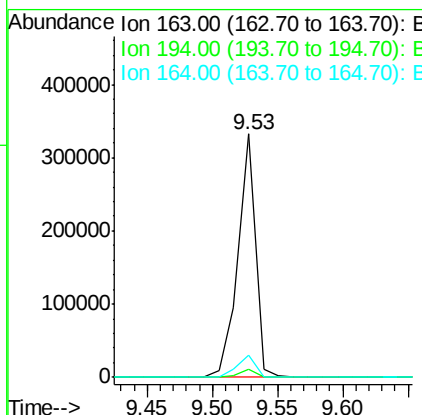
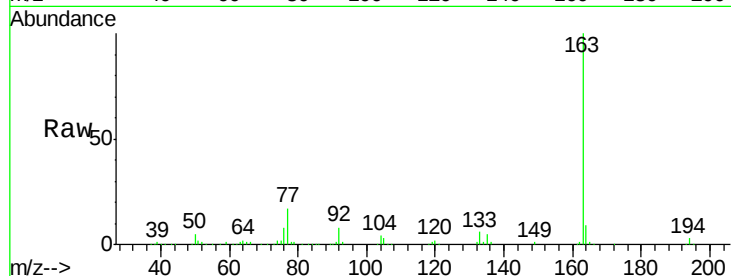




#49
Dimethylphthalate
Concen: 6.94 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF091735.D
Acq: 18 Dec 2016 14:44

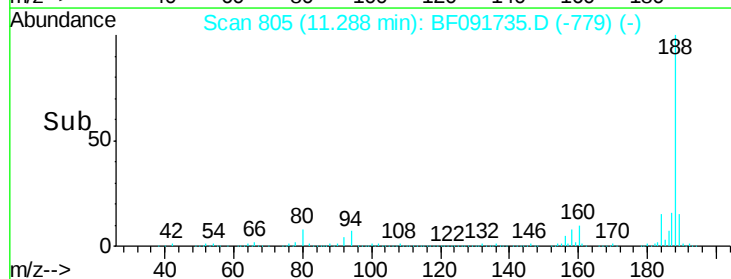
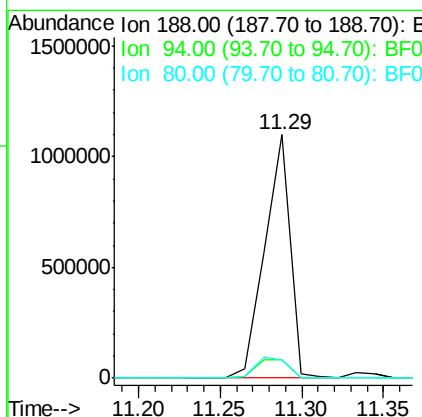
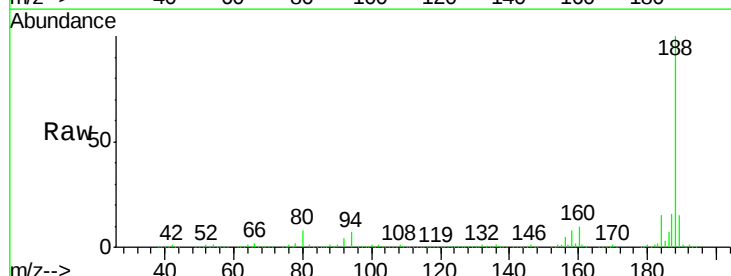
Instrument :
BNA_F
ClientSampleId :
SW03-121316

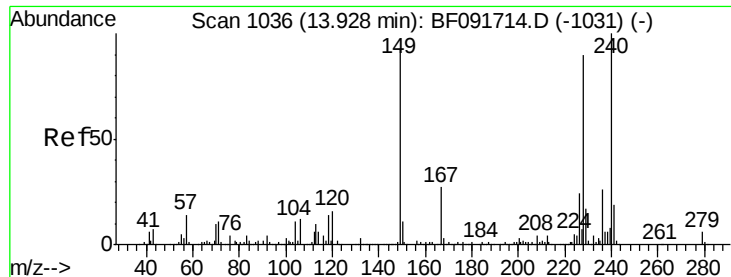
Tot Ion:163 Resp: 310366
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 9.3 8.0 12.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091735.D
Acq: 18 Dec 2016 14:44

Tgt Ion:188 Resp: 1195398
Ion Ratio Lower Upper
188 100
94 7.4 10.0 15.0#
80 7.7 11.2 16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091735.D

Acq: 18 Dec 2016 14:44

Instrument :

BNA_F

ClientSampleId :

SW03-121316

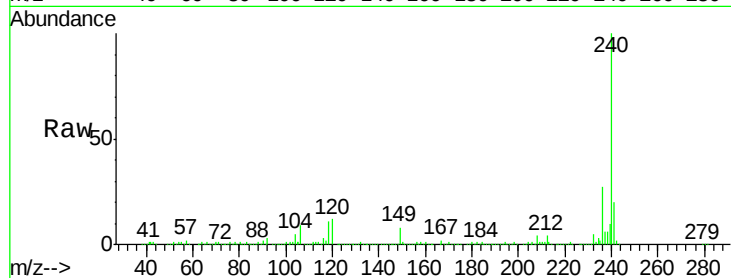
Tot Ion:240 Resp: 974979

Ion Ratio Lower Upper

240 100

120 12.1 12.9 19.3#

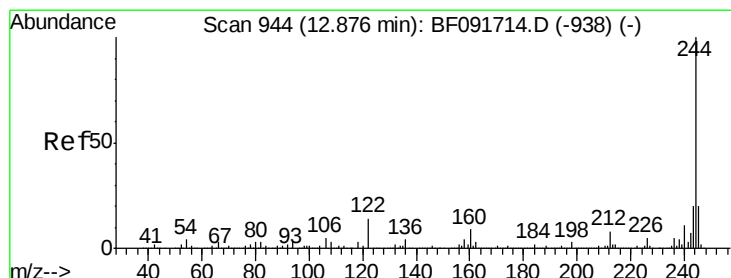
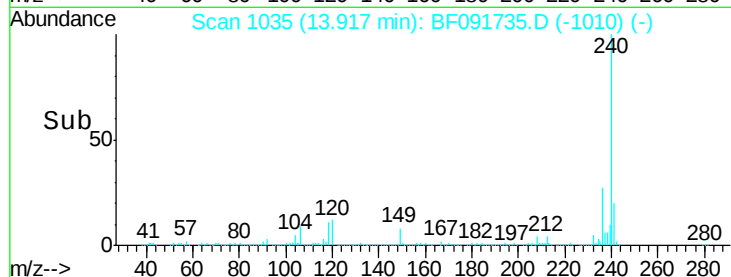
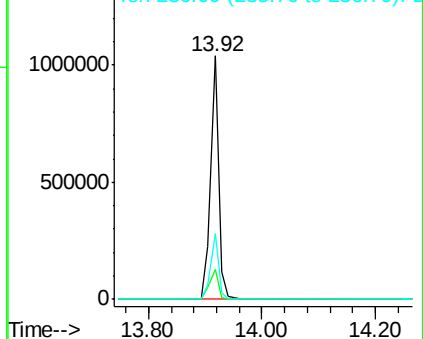
236 26.8 20.9 31.3



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: 85.62 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF091735.D

Acq: 18 Dec 2016 14:44

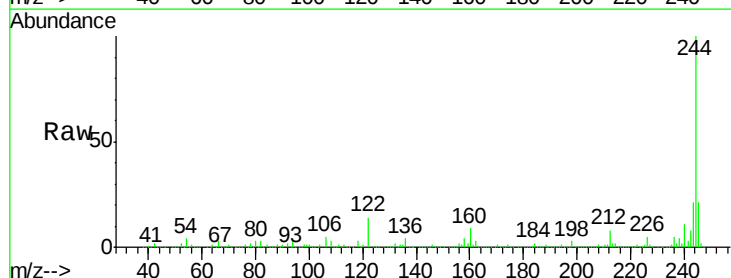
Tgt Ion:244 Resp: 3306239

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

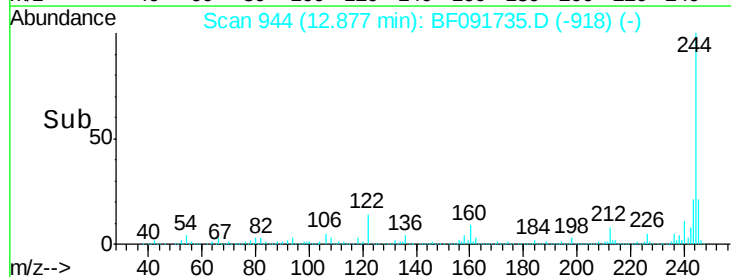
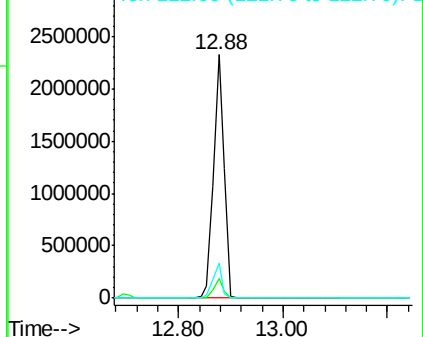
122 14.1 11.4 17.2

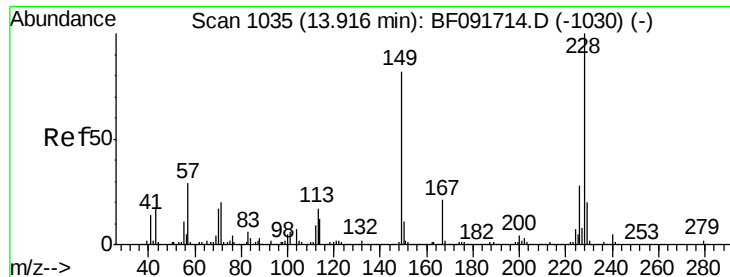


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

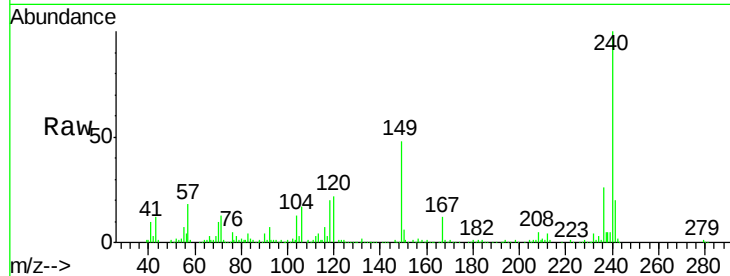




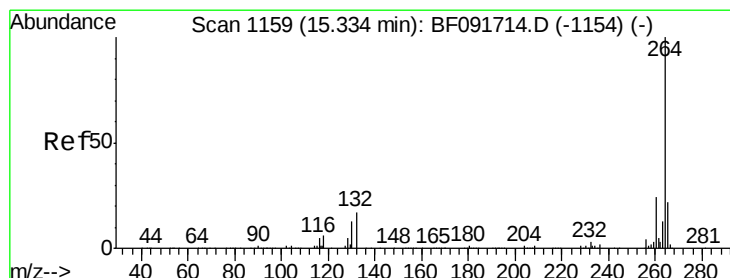
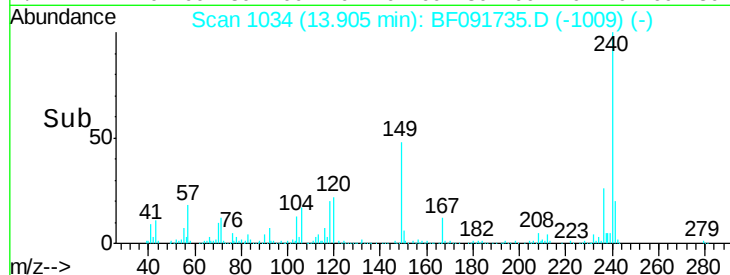
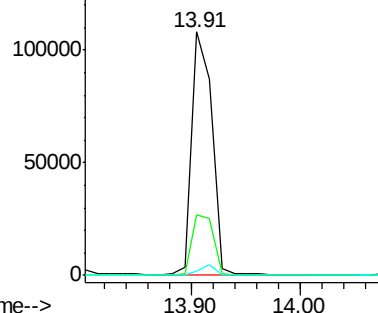
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.31 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF091735.D
 Acq: 18 Dec 2016 14:44

Instrument :
 BNA_F
 ClientSampleId :
 SW03-121316

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.2	30.4
279	1.7	1.8	2.8#

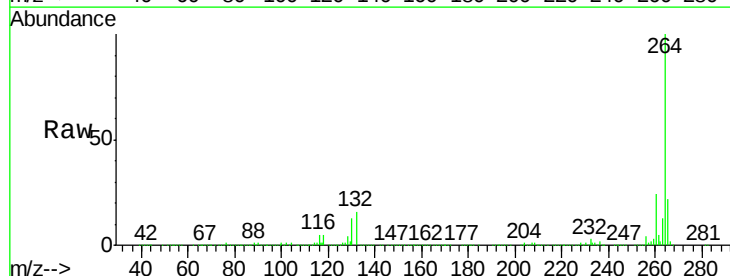


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091735.D
 Acq: 18 Dec 2016 14:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.1	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

