

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104327.D
 Acq On : 7 Apr 2018 1:01
 Operator : JU/SJ
 Sample : J2257-01 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 07 01:58:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

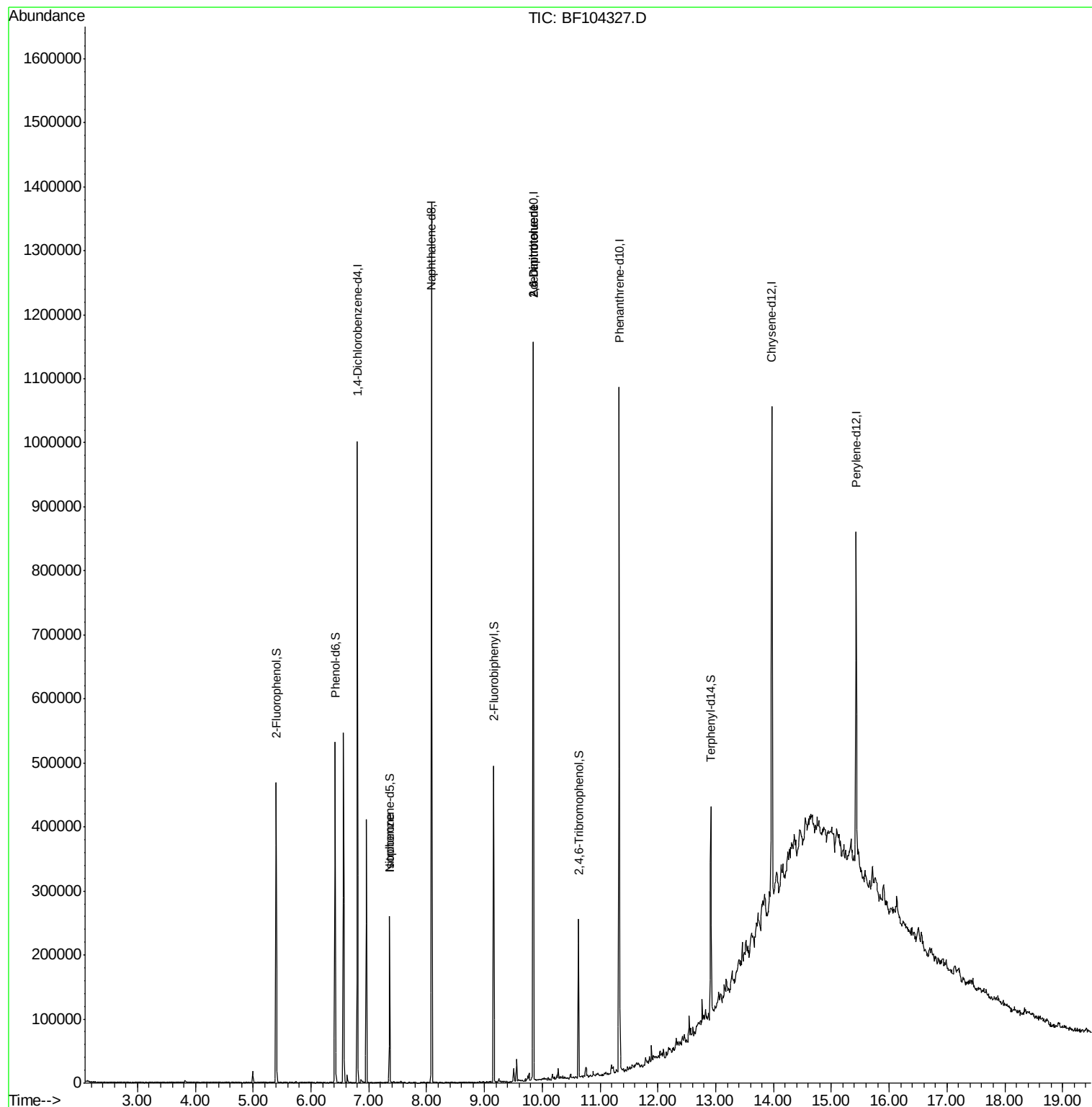
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	134696	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	536265	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	230843	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	334920	20.00	ng	0.00
75) Chrysene-d12	13.97	240	264638	20.00	ng	0.00
86) Perylene-d12	15.43	264	240775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	123298	14.00	ng	0.00
7) Phenol-d6	6.42	99	153932	14.22	ng	-0.01
23) Nitrobenzene-d5	7.36	82	76105	9.27	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	26172	10.93	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	149050	10.20	ng	0.00
78) Terphenyl-d14	12.92	244	92014	7.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	111	Below Cal	#	1
25) Isophorone	7.36	82	76102	4.382 ng	#	64
50) 2,6-Dinitrotoluene	9.84	165	29535	8.768 ng	#	25
56) 2,4-Dinitrotoluene	9.84	165	29535	6.685 ng	#	23
76) Benzidine	12.92	184	1015	Below Cal	#	47

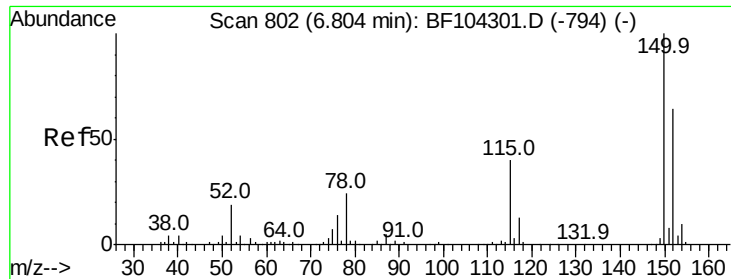
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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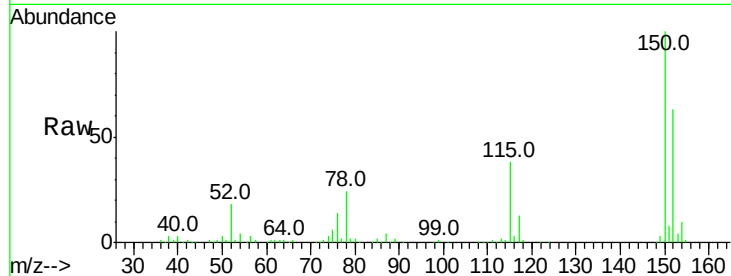


#1

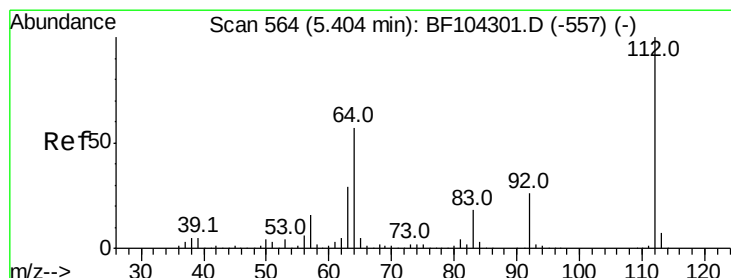
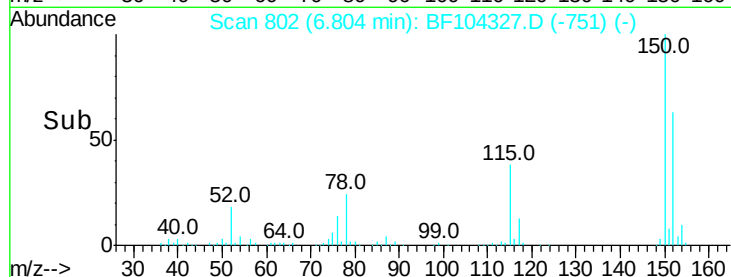
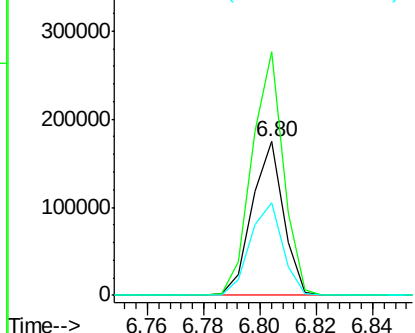
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104327.D
Acq: 7 Apr 2018 1:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134696
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 60.5 50.1 75.1



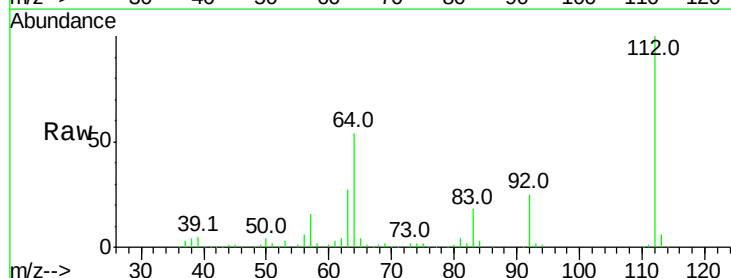
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



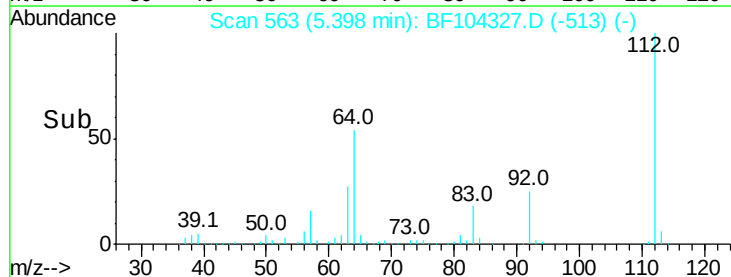
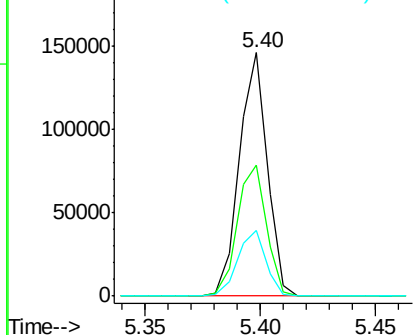
#5

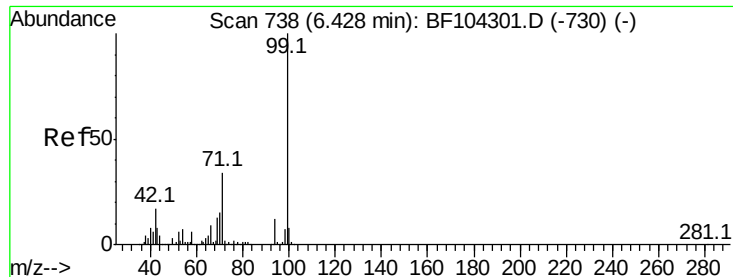
2-Fluorophenol
Concen: 13.997 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF104327.D
Acq: 7 Apr 2018 1:01

Tgt Ion:112 Resp: 123298
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 26.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 14.222 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104327.D

Acq: 7 Apr 2018 1:01

Instrument :

BNA_F

ClientSampled :

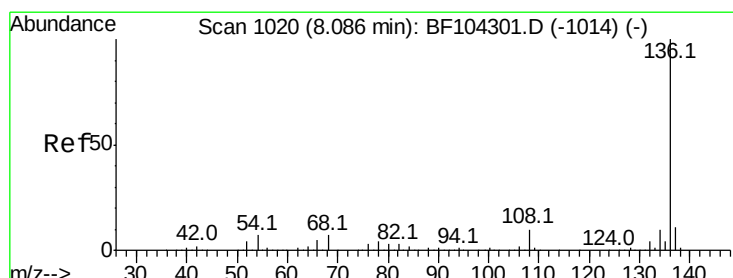
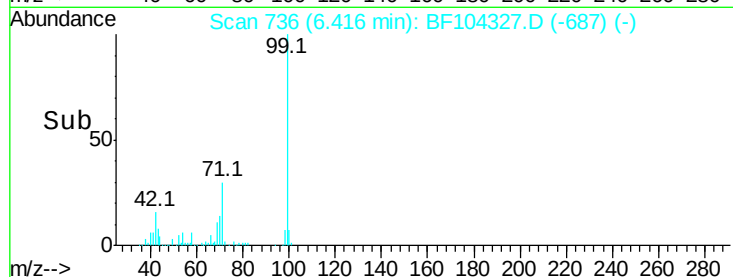
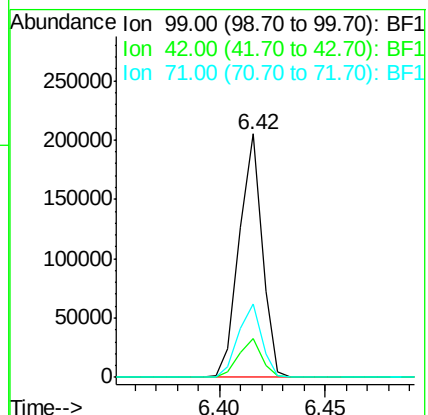
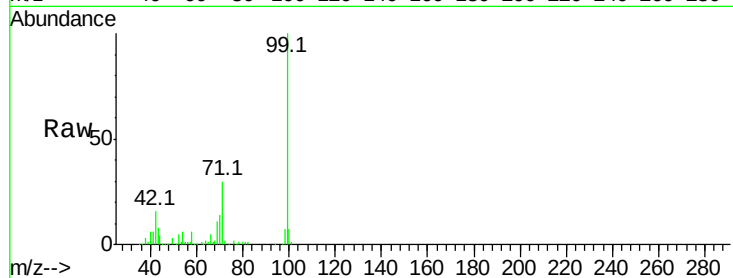
Tot Ion: 99 Resp: 153932

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

71 30.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104327.D

Acq: 7 Apr 2018 1:01

Tgt Ion: 136 Resp: 536265

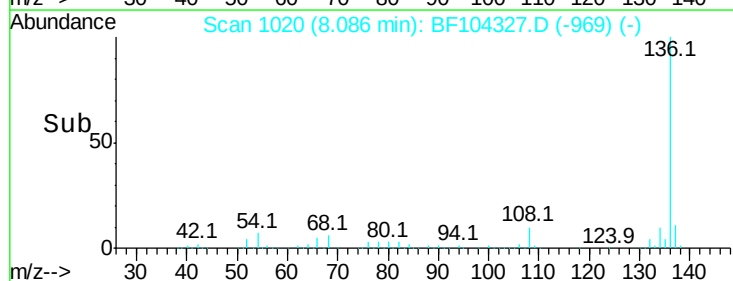
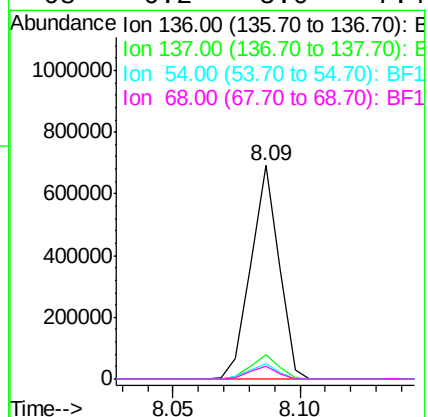
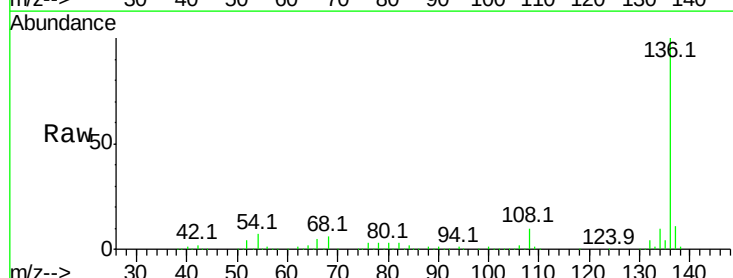
Ion Ratio Lower Upper

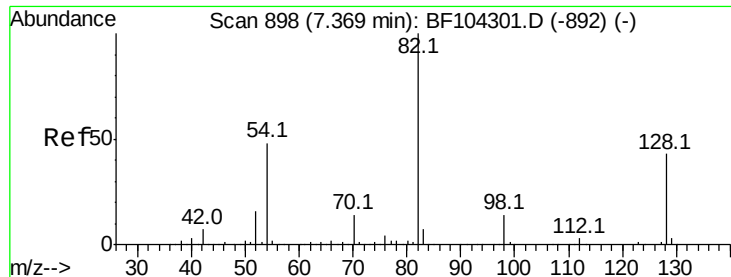
136 100

137 11.2 8.9 13.3

54 7.2 6.6 9.8

68 6.2 5.0 7.4

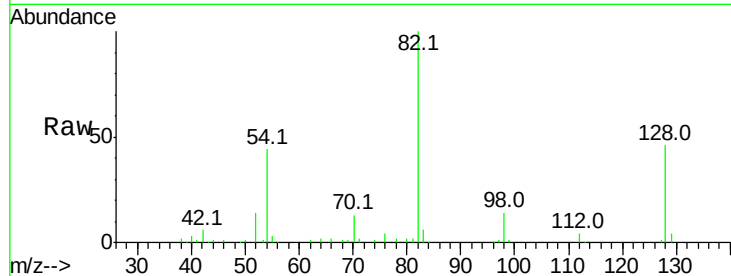




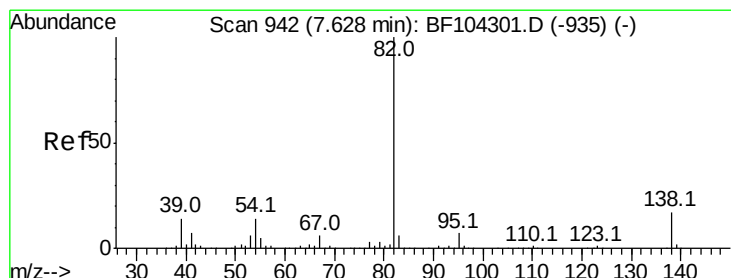
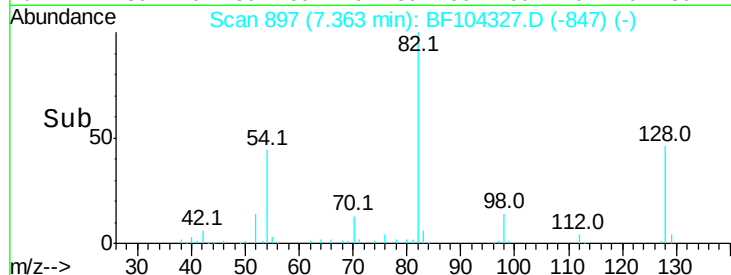
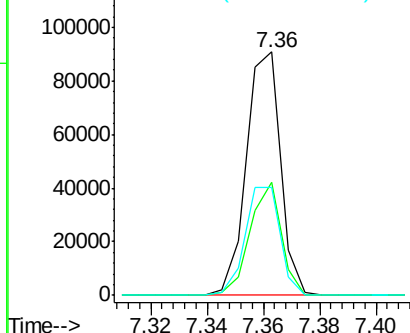
#23
 Nitrobenzene-d5
 Concen: 9.267 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104327.D
 Acq: 7 Apr 2018 1:01

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	76105
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.1	54.1
54	44.3	41.4	62.2

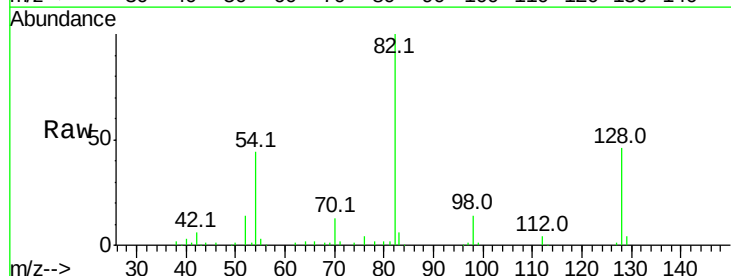


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

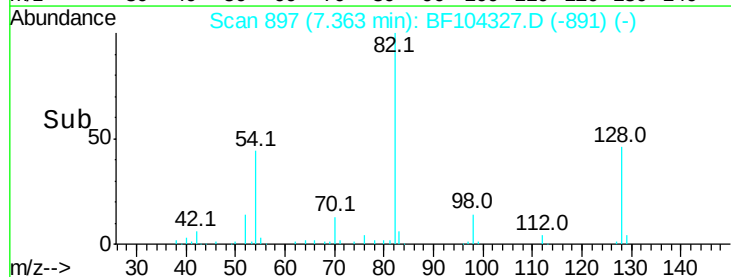
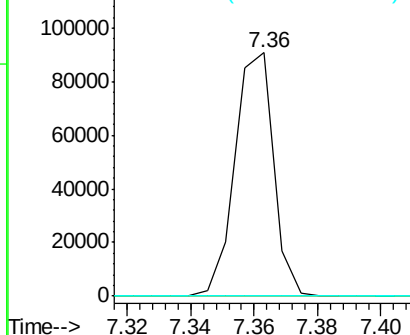


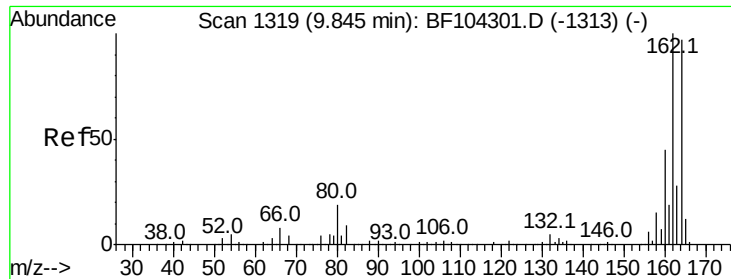
#25
 Isophorone
 Concen: 4.382 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.26 min
 Lab File: BF104327.D
 Acq: 7 Apr 2018 1:01

Tgt Ion	82	Resp	76102
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

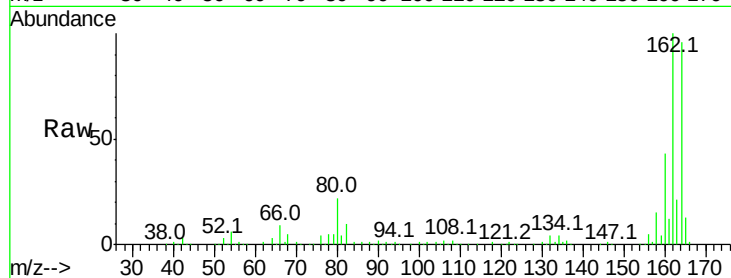




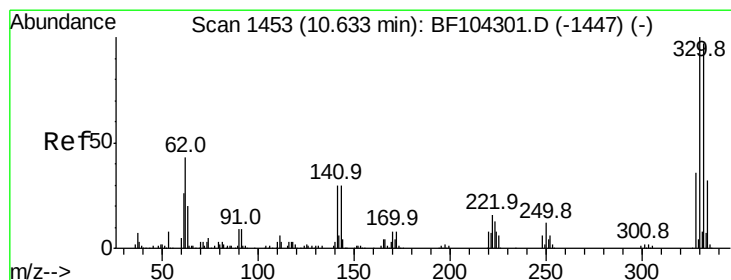
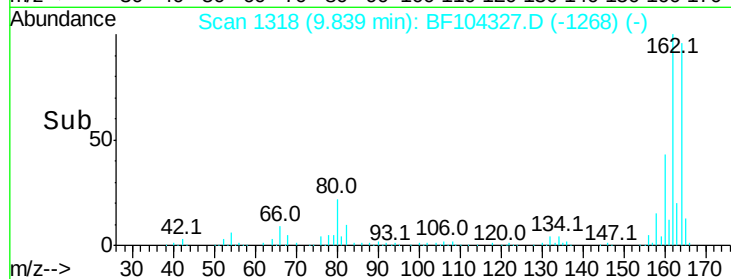
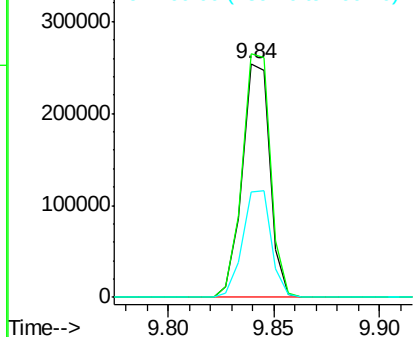
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104327.D
Acq: 7 Apr 2018 1:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 230843
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 45.2 38.3 57.5

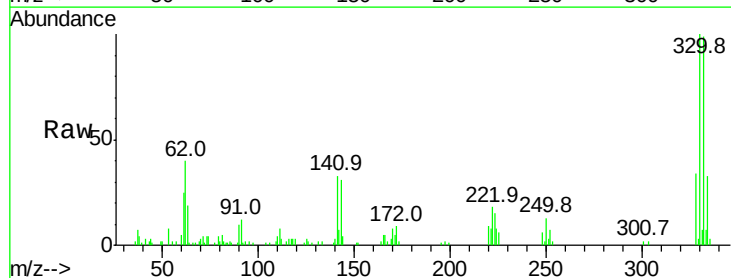


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

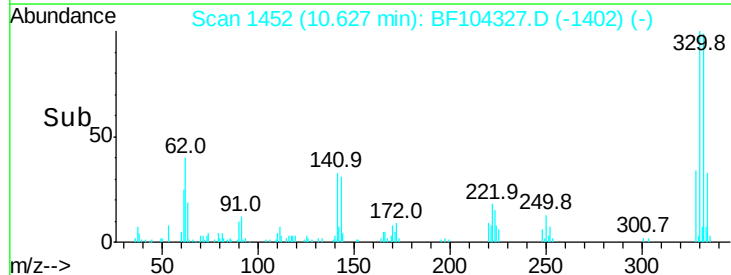
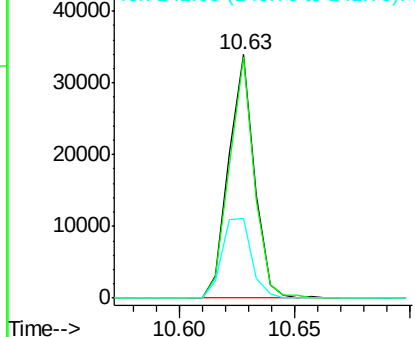


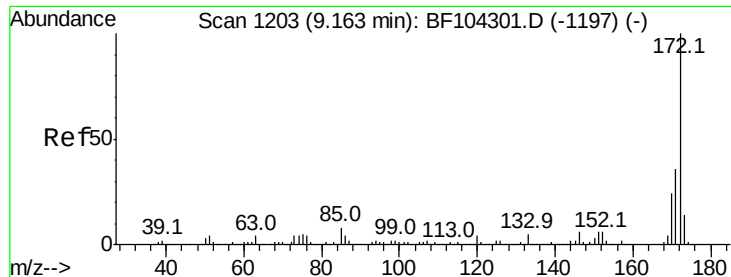
#41
2,4,6-Tribromophenol
Concen: 10.930 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF104327.D
Acq: 7 Apr 2018 1:01

Tgt Ion:330 Resp: 26172
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 37.5 29.9 44.9



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

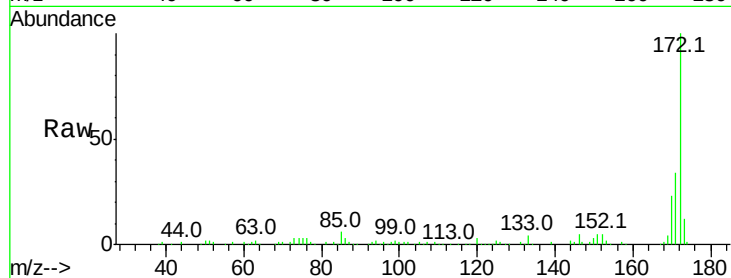




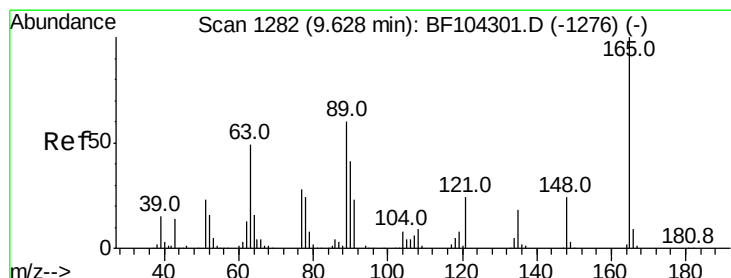
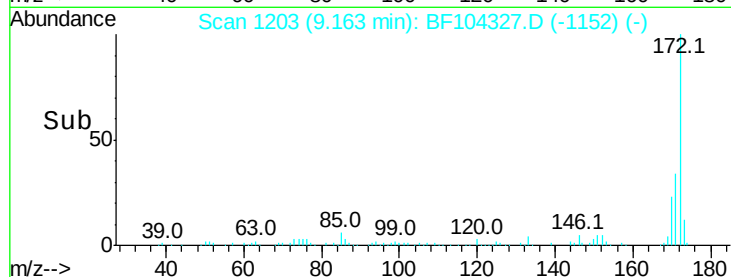
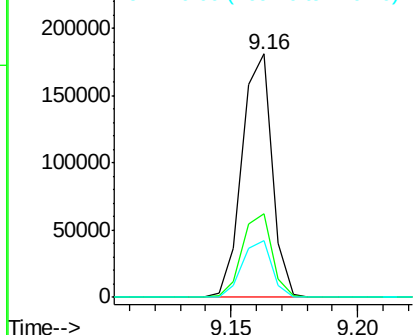
#44
 2-Fluorobiphenyl
 Concen: 10.200 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104327.D
 Acq: 7 Apr 2018 1:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	172	Resp:	149050
Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.7	44.5
170	23.2	19.6	29.4

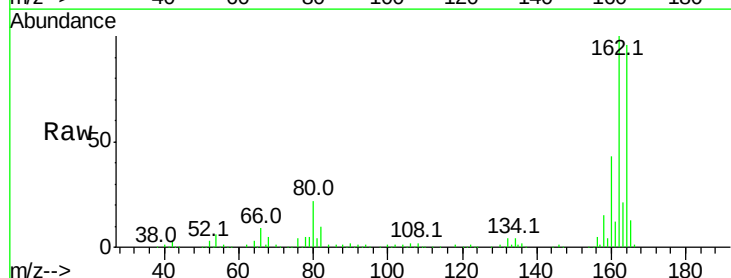


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

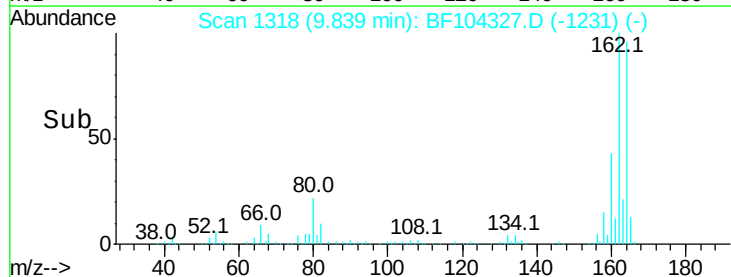
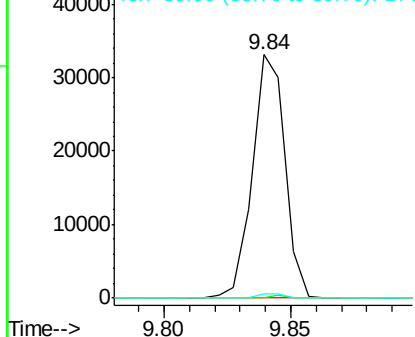


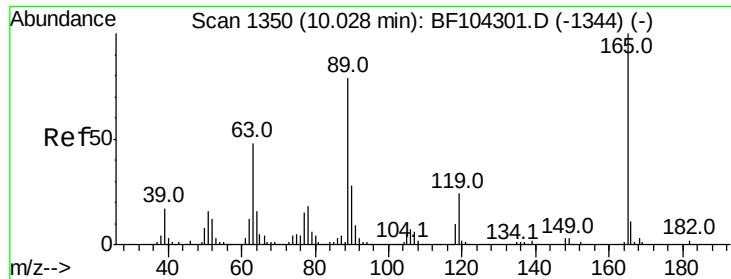
#50
 2,6-Dinitrotoluene
 Concen: 8.768 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF104327.D
 Acq: 7 Apr 2018 1:01

Tgt Ion:	165	Resp:	29535
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.8	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

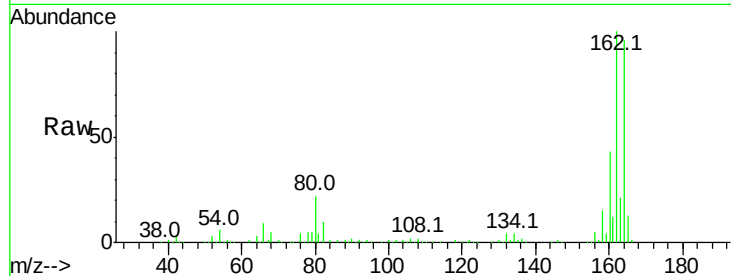




#56
2,4-Dinitrotoluene
Concen: 6.685 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF104327.D
Acq: 7 Apr 2018 1:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	29535
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

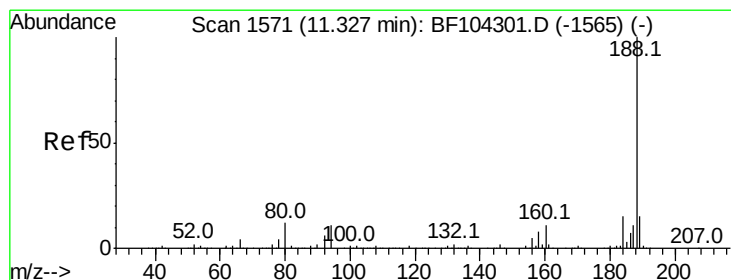
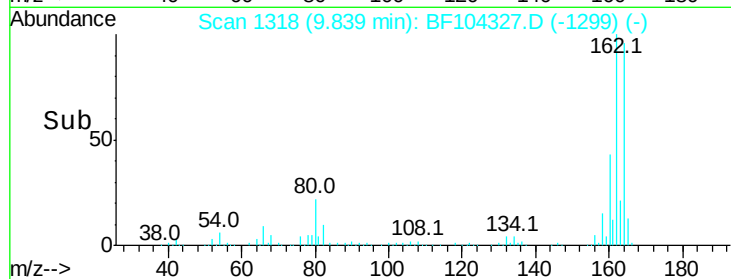
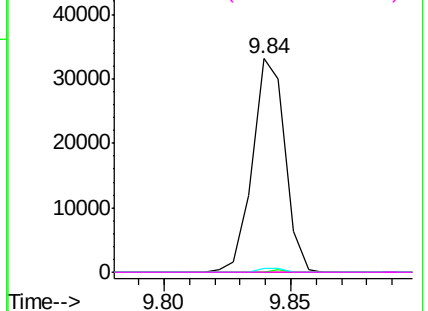


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

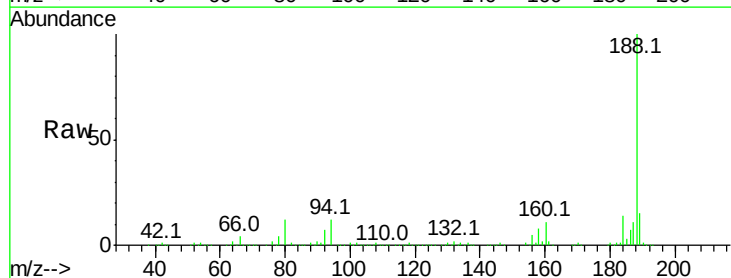
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104327.D
Acq: 7 Apr 2018 1:01

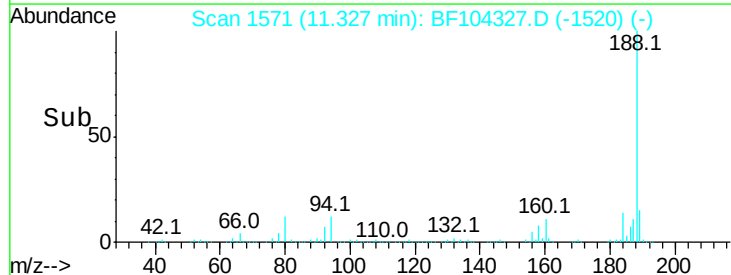
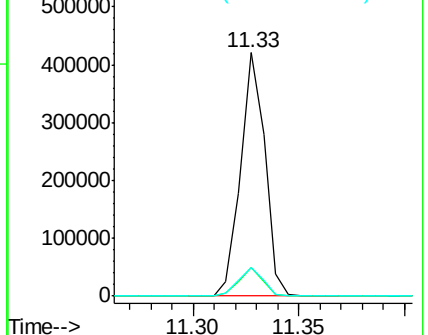
Tgt Ion:	188	Resp:	334920
Ion Ratio	Lower	Upper	
188	100		
94	11.5	8.5	12.7
80	11.9	9.2	13.8

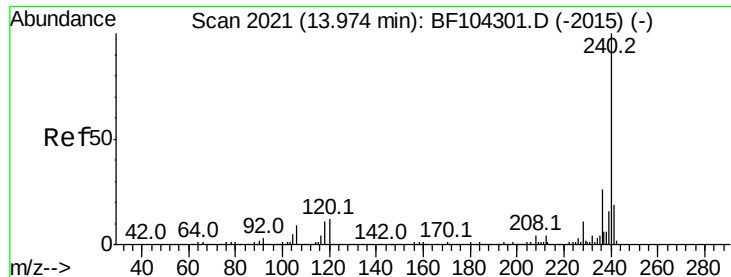


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104327.D

Acq: 7 Apr 2018 1:01

Instrument :

BNA_F

ClientSampleId :

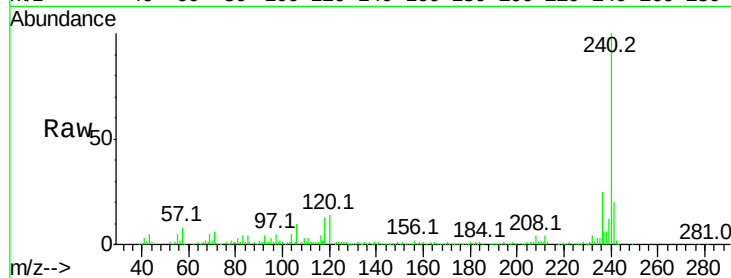
Tot Ion:240 Resp: 264638

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

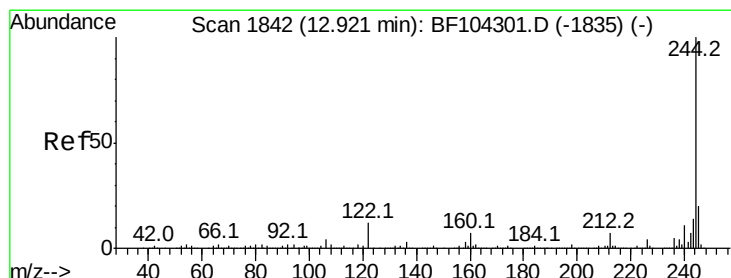
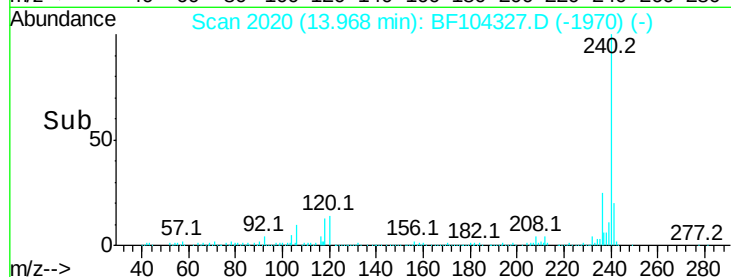
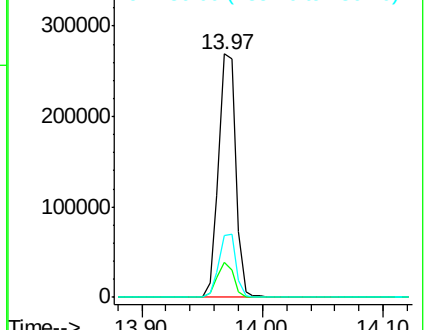
236 25.5 20.7 31.1



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: 7.927 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104327.D

Acq: 7 Apr 2018 1:01

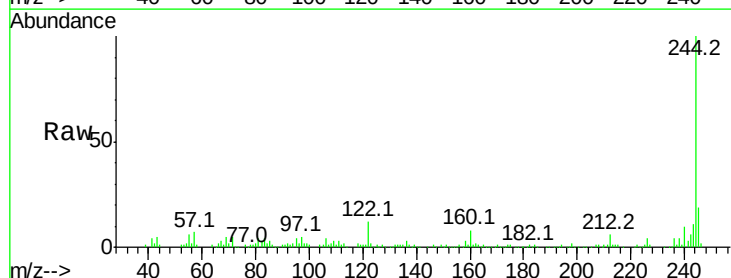
Tgt Ion:244 Resp: 92014

Ion Ratio Lower Upper

244 100

212 6.0 5.4 8.0

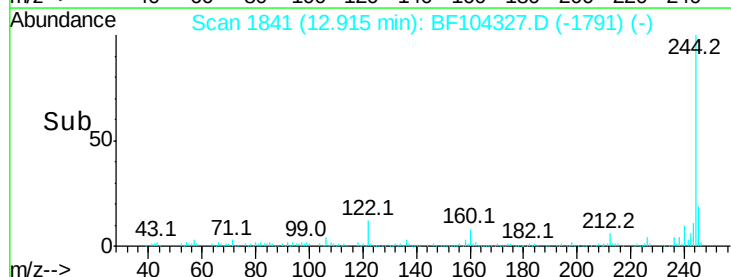
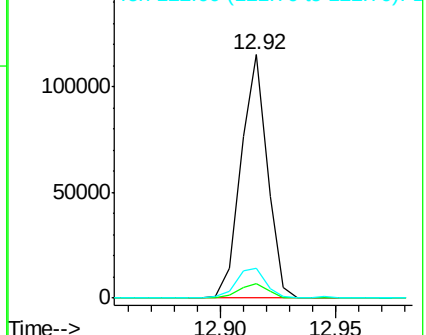
122 12.5 11.0 16.4

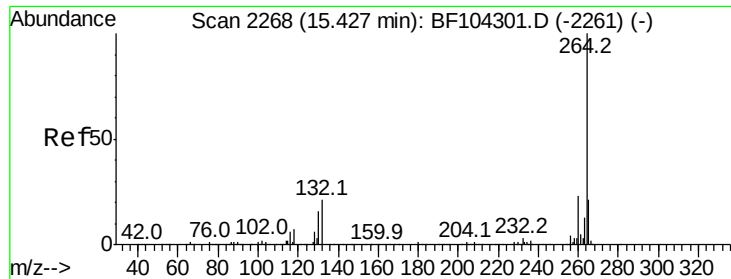


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

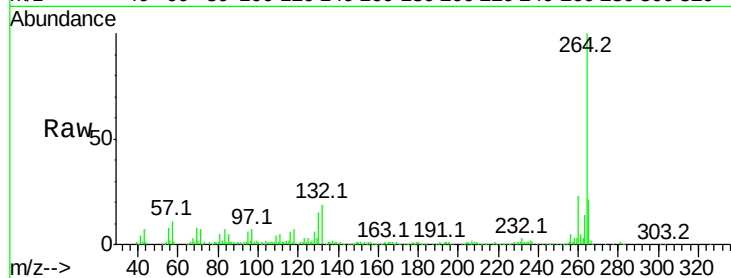




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF104327.D
Acq: 7 Apr 2018 1:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.5	26.3



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

