

Data File : BF100714.D
Acq On : 18 Nov 2017 11:17
Operator : SJ/JU
Sample : I6304-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-A

Quant Time: Nov 20 00:12:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	94474	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	368131	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	157960	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	259581	20.00	ng	0.00
75) Chrysene-d12	14.04	240	214524	20.00	ng	0.00
86) Perylene-d12	15.52	264	177395	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	654308	111.02	ng	0.02
7) Phenol-d6	6.51	99	716170	98.54	ng	0.00
23) Nitrobenzene-d5	7.45	82	541703	97.29	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	201760	125.35	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1061971	102.37	ng	0.00
78) Terphenyl-d14	12.99	244	831093	89.02	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.66	77	14601	2.81	ng	87
19) n-Nitroso-di-n-propylamine	7.45	70	71482	14.18	ng	# 79
25) Isophorone	7.45	82	541695	46.29	ng	# 64
31) Naphthalene	8.19	128	222593	12.55	ng	98
32) Benzoic acid	8.19	122	379	9.45	ng	# 1
33) 4-Chloroaniline	8.19	127	28375	3.84	ng	# 33
47) 2-Nitroaniline	9.24	65	1499	3.27	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	19977	8.37	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	19977	6.63	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.70	198	248	8.73	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	12778	4.59	ng	# 1

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

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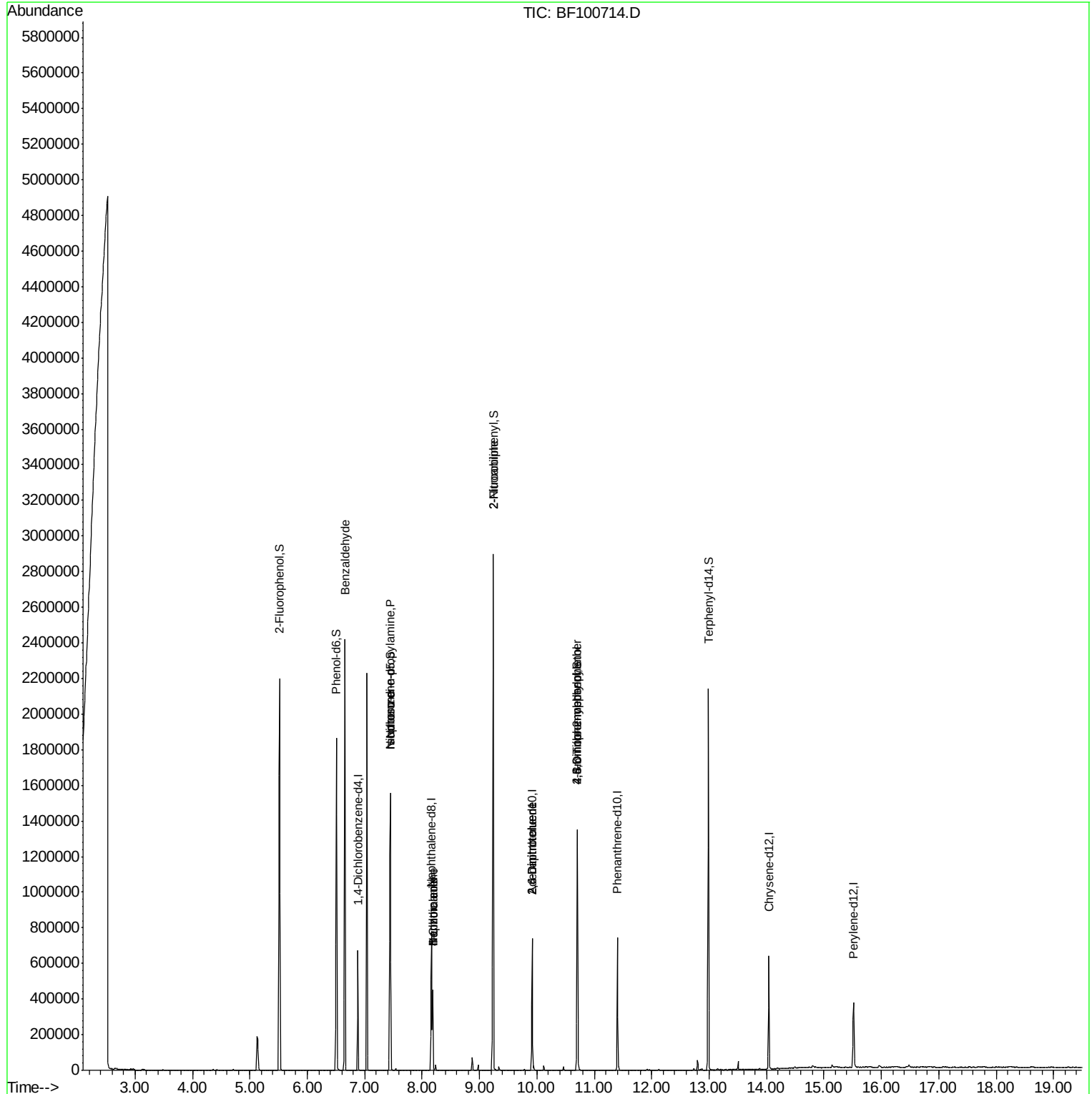
Quant Time: Nov 20 00:12:13 2017

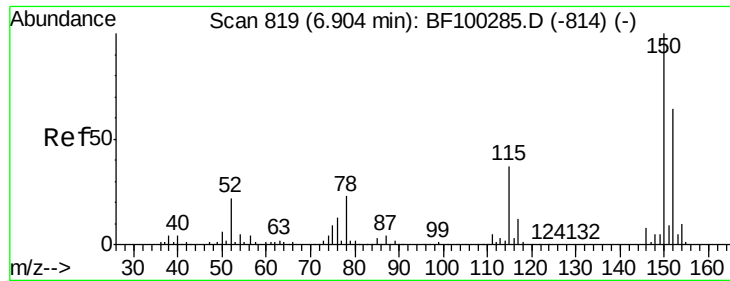
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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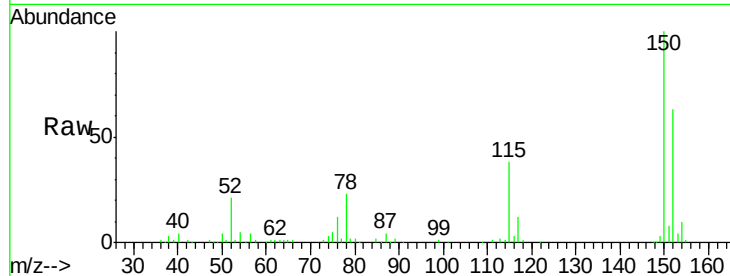


#1

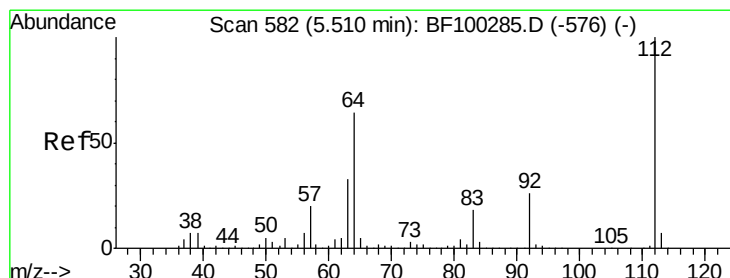
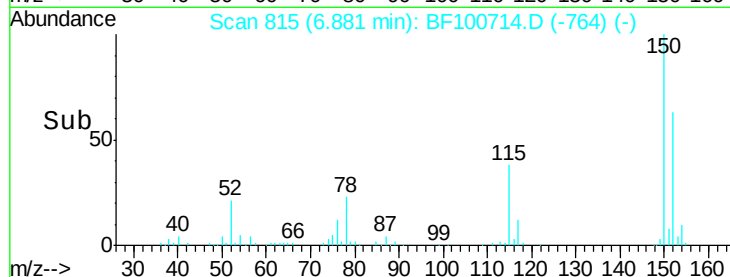
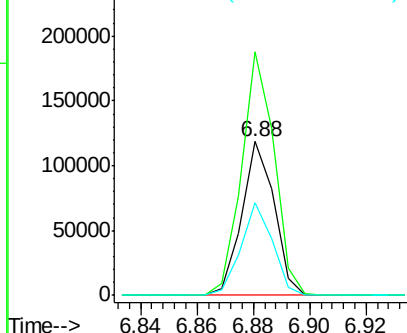
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100714.D
Acq: 18 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-A

Tgt Ion:152 Resp: 94474
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 60.1 50.1 75.1



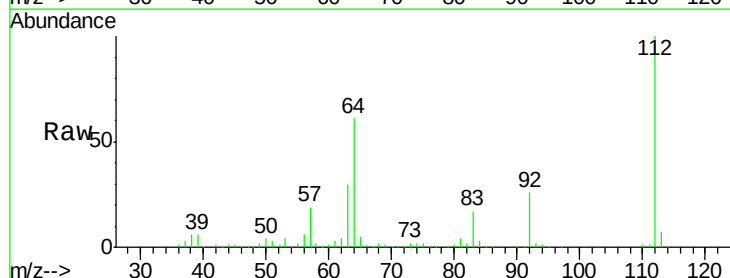
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



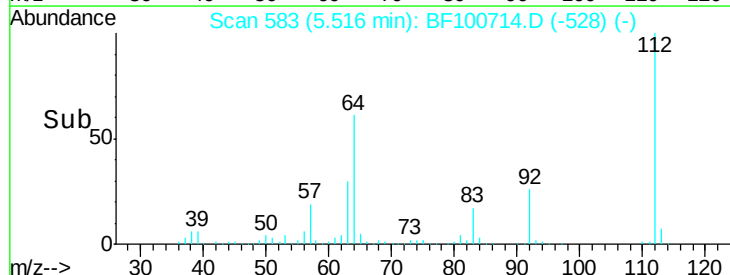
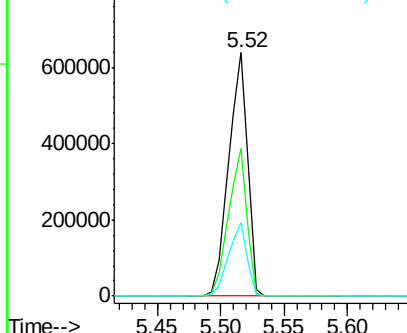
#5

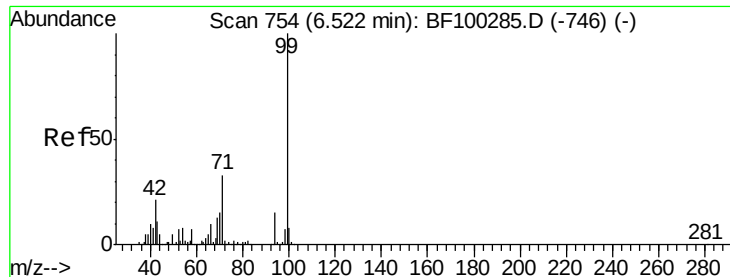
2-Fluorophenol
Concen: 111.02 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF100714.D
Acq: 18 Nov 2017 11:17

Tgt Ion:112 Resp: 654308
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 30.4 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: 98.54 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100714.D

Acq: 18 Nov 2017 11:17

Instrument :

BNA_F

ClientSampleId :

CL-01-111617-A

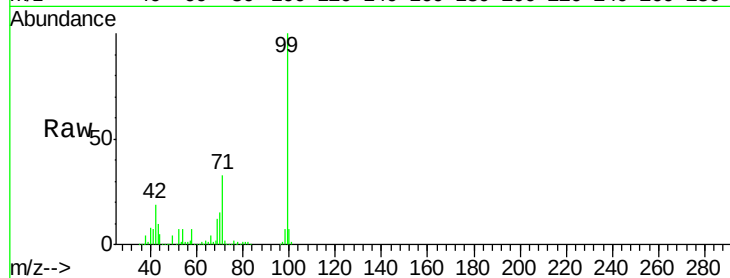
Tgt Ion: 99 Resp: 716170

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

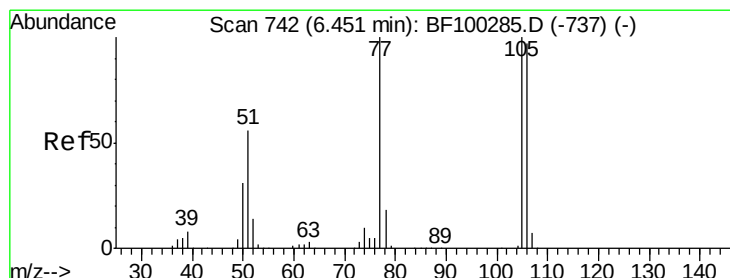
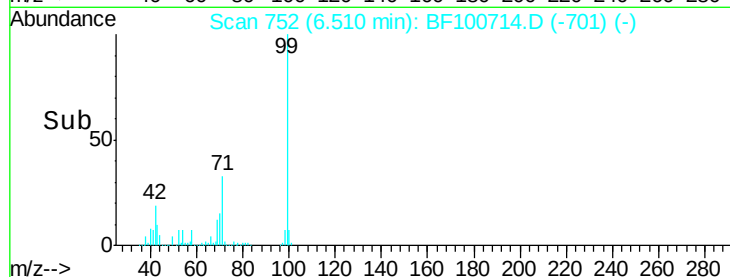
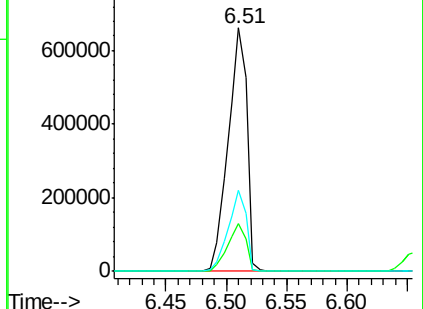
71 33.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.81 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.22 min

Lab File: BF100714.D

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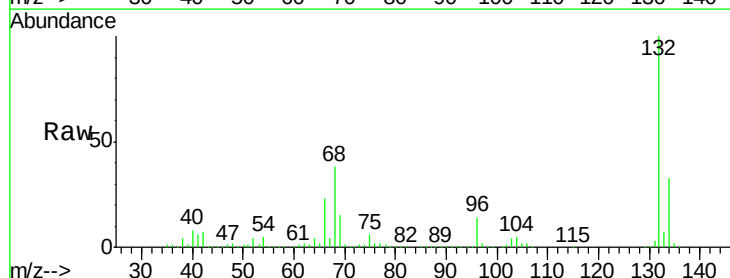
Tgt Ion: 77 Resp: 14601

Ion Ratio Lower Upper

77 100

105 84.3 81.1 121.1

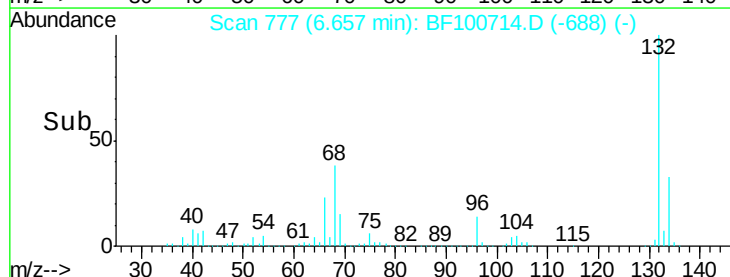
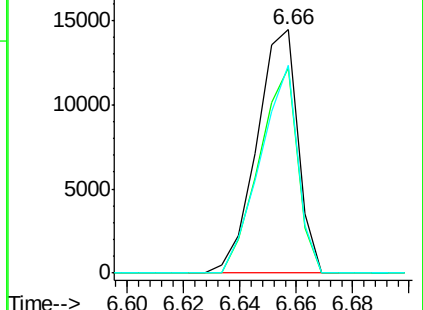
106 85.4 74.5 114.5

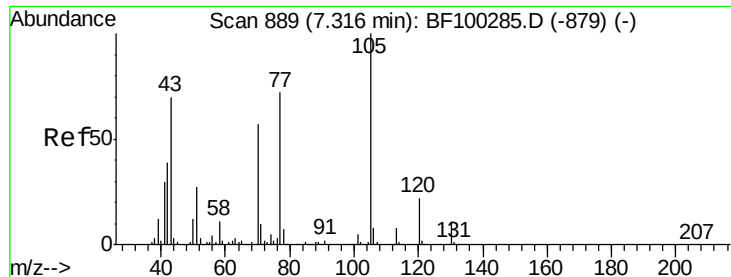


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

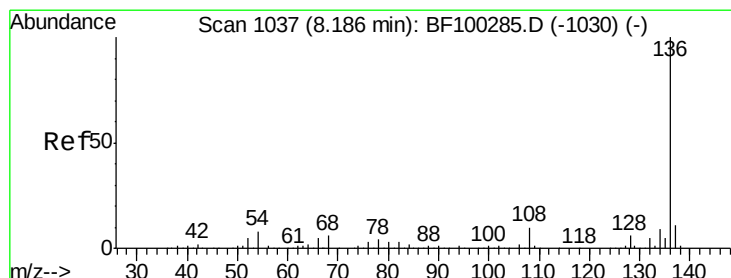
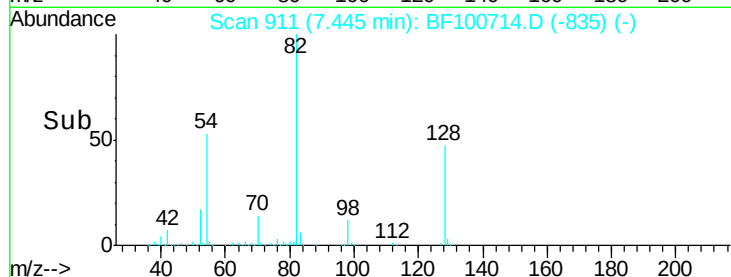
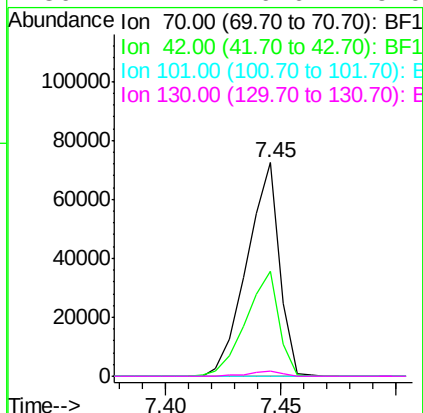
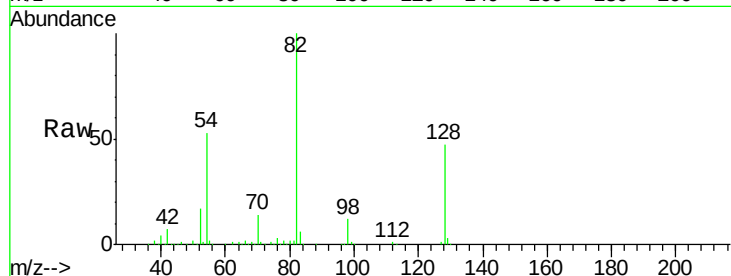




#19
n-Nitroso-di-n-propylamine
Concen: 14.18 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100714.D
Acq: 18 Nov 2017 11:17

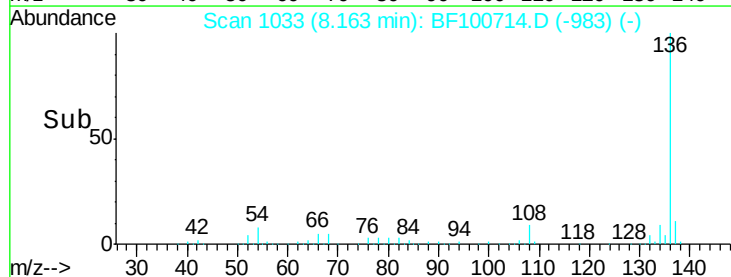
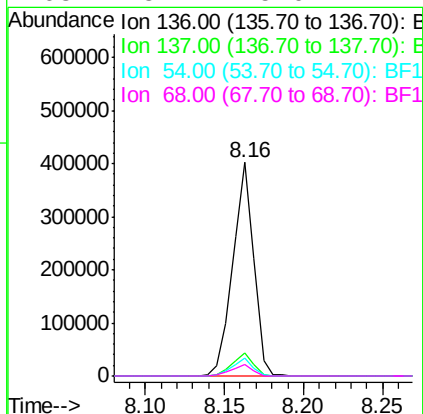
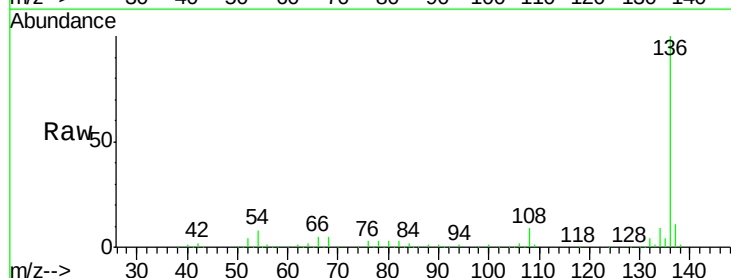
Instrument :
BNA_F
ClientSampleId :
CL-01-111617-A

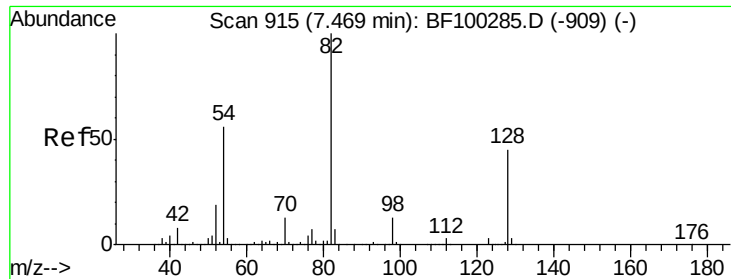
Tgt Ion: 70 Resp: 71482
Ion Ratio Lower Upper
70 100
42 48.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100714.D
Acq: 18 Nov 2017 11:17

Tgt Ion: 136 Resp: 368131
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.1 6.6 9.8
68 5.2 5.0 7.4

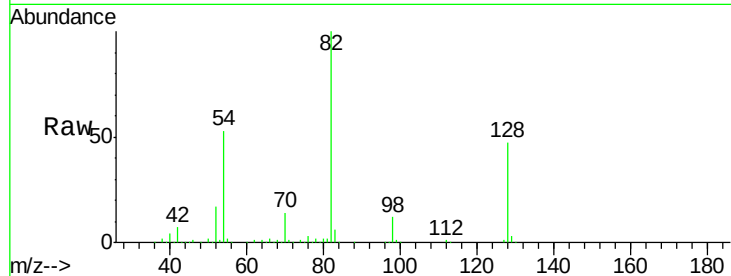




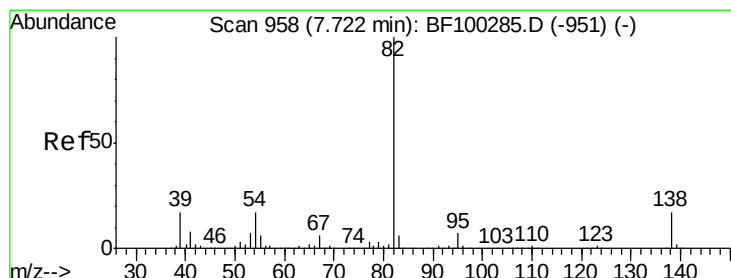
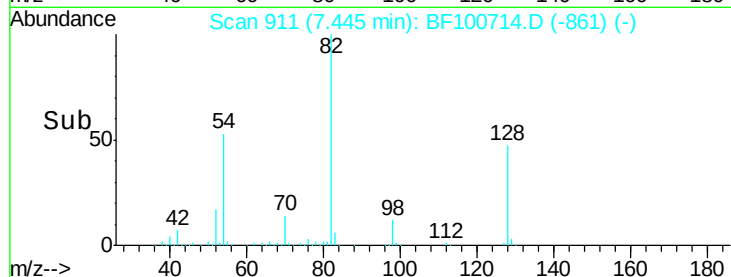
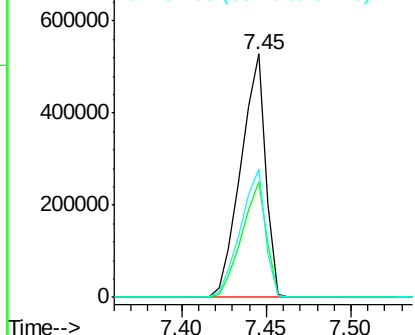
#23
 Nitrobenzene-d5
 Concen: 97.29 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100714.D
 Acq: 18 Nov 2017 11:17

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-A

Tgt Ion: 82 Resp: 541703
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.1 54.1
 54 52.7 41.4 62.2

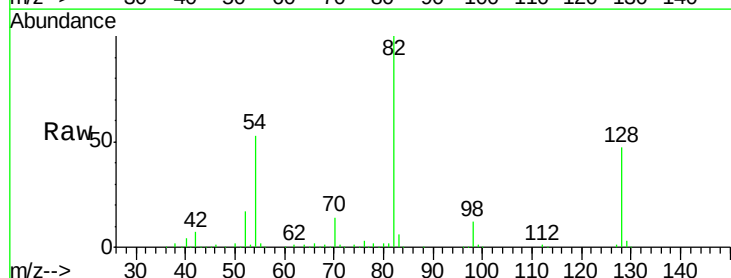


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

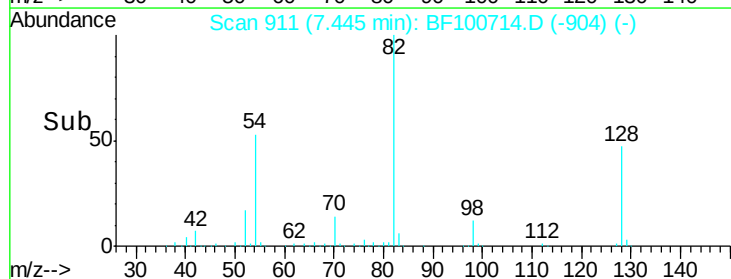
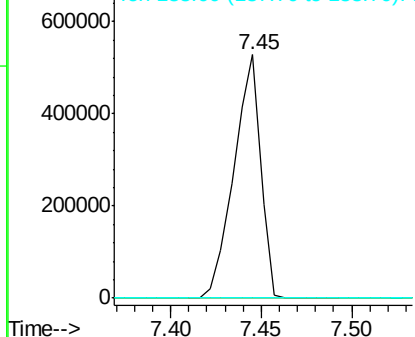


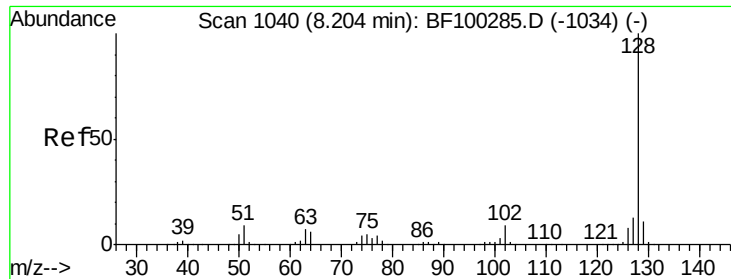
#25
 Isophorone
 Concen: 46.29 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF100714.D
 Acq: 18 Nov 2017 11:17

Tgt Ion: 82 Resp: 541695
 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

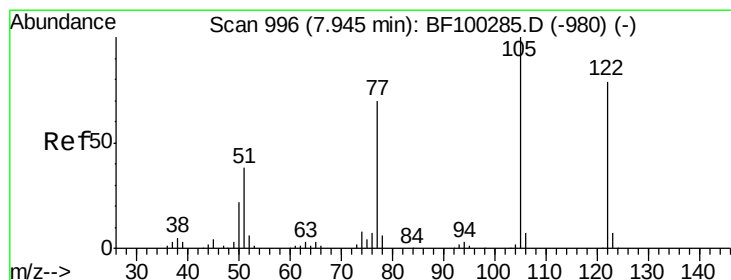
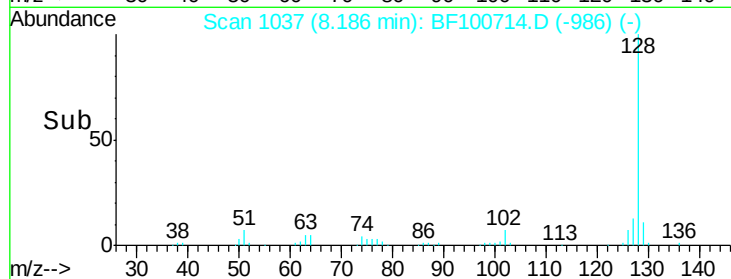
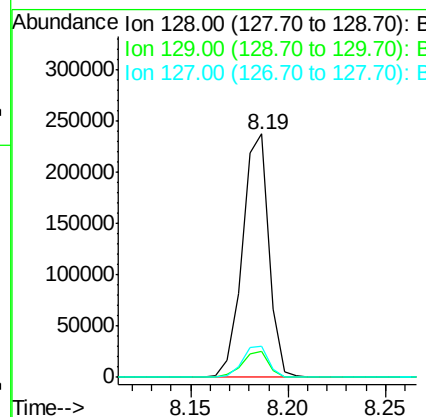
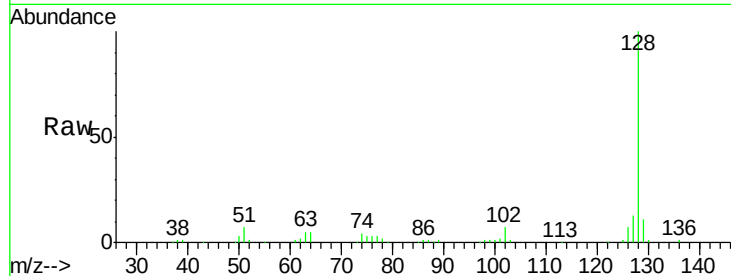




#31
Naphthalene
Concen: 12.55 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100714.D
Acq: 18 Nov 2017 11:17

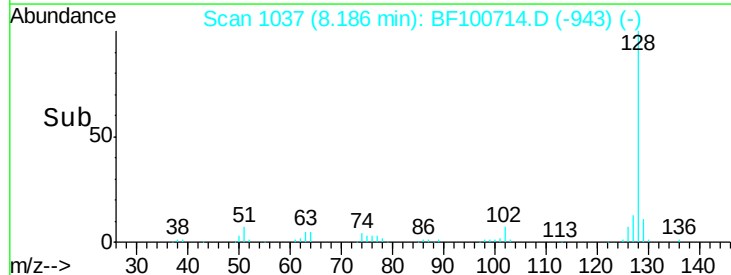
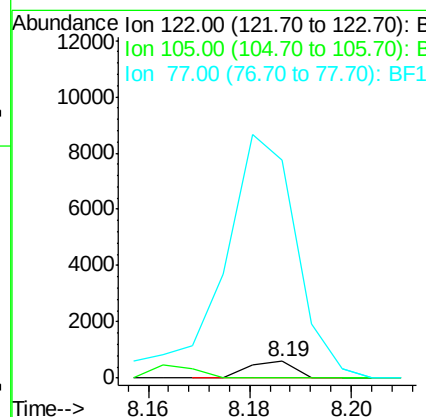
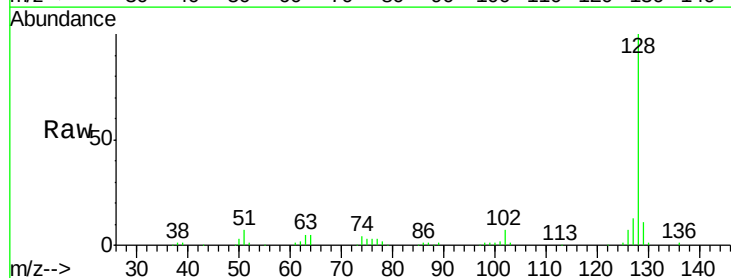
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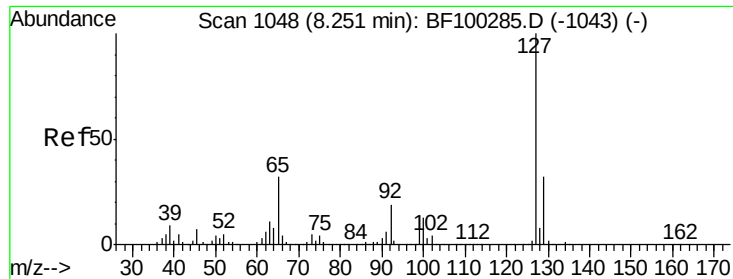
Tgt Ion:128 Resp: 222593
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.7 10.9 16.3



#32
Benzoic acid
Concen: 9.45 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.25 min
Lab File: BF100714.D
Acq: 18 Nov 2017 11:17

Tgt Ion:122 Resp: 379
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 1312.2 70.7 110.7#

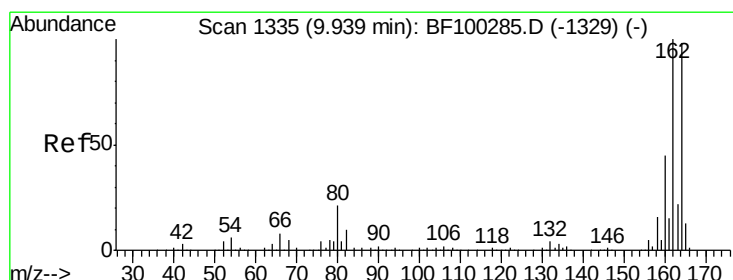
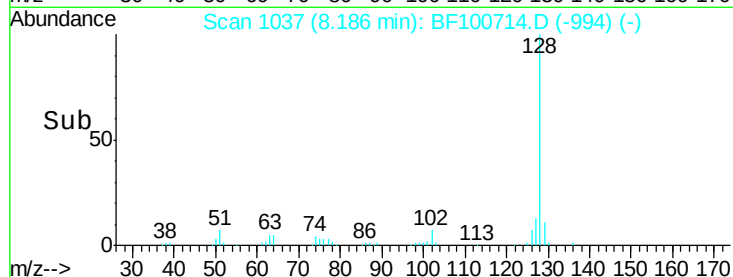
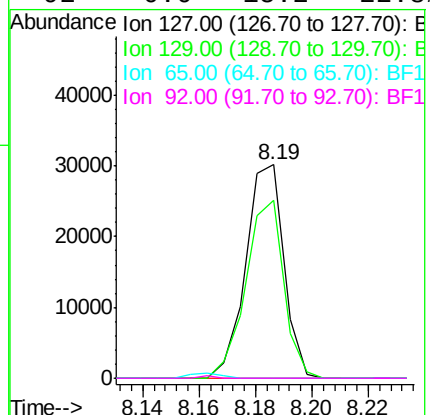
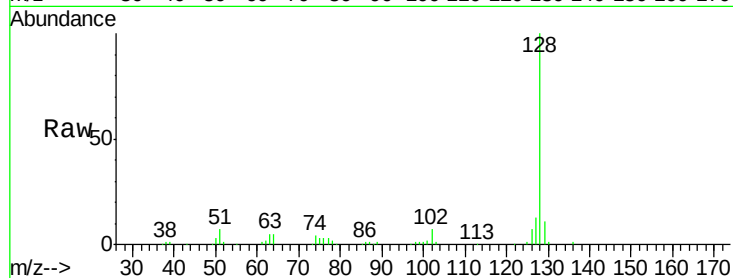




#33
4-Chloroaniline
Concen: 3.84 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF100714.D
Acq: 18 Nov 2017 11:17

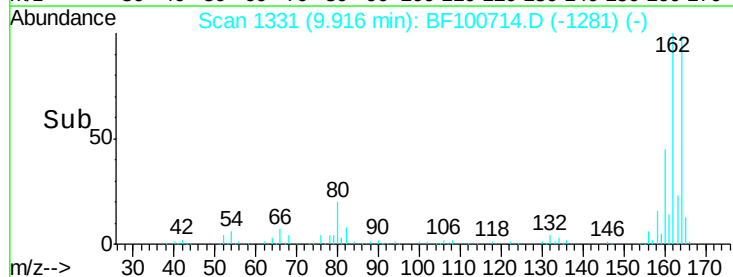
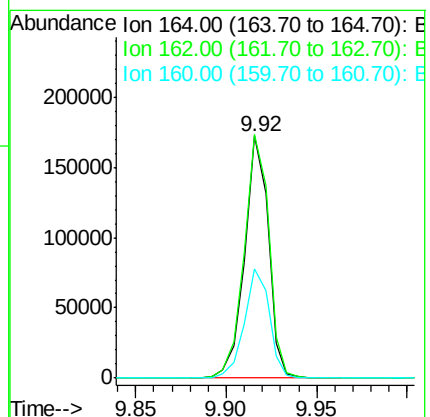
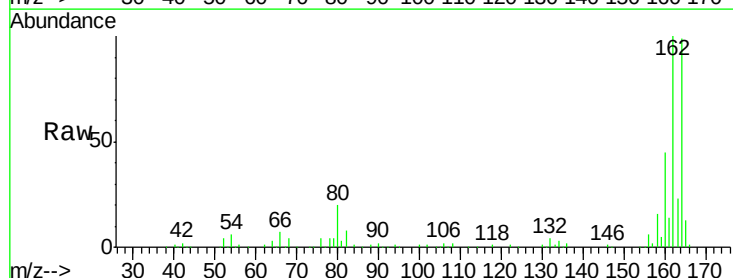
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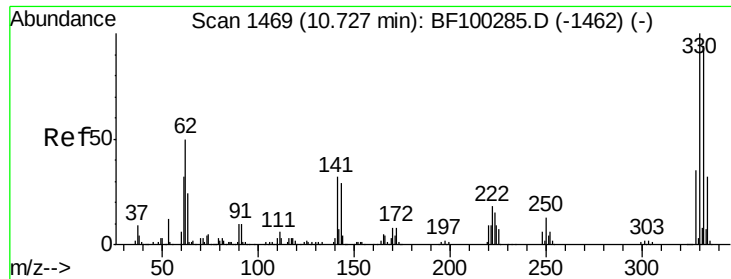
Tgt Ion:	127	Resp:	28375
Ion	Ratio	Lower	Upper
127	100		
129	83.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100714.D
Acq: 18 Nov 2017 11:17

Tgt Ion:	164	Resp:	157960
Ion	Ratio	Lower	Upper
164	100		
162	100.7	86.1	129.1
160	45.2	38.3	57.5

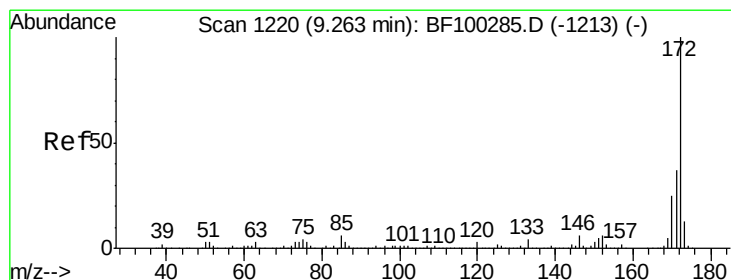
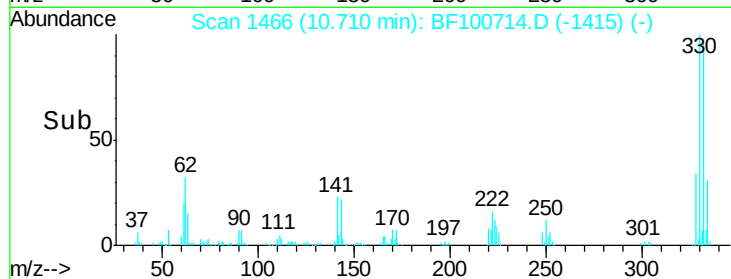
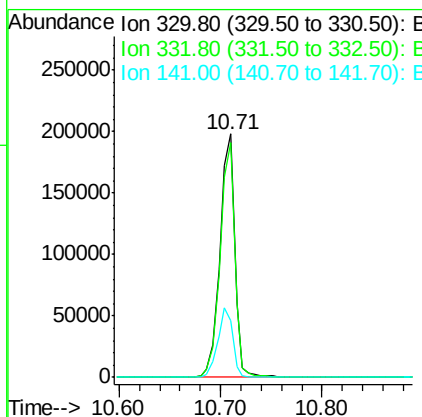
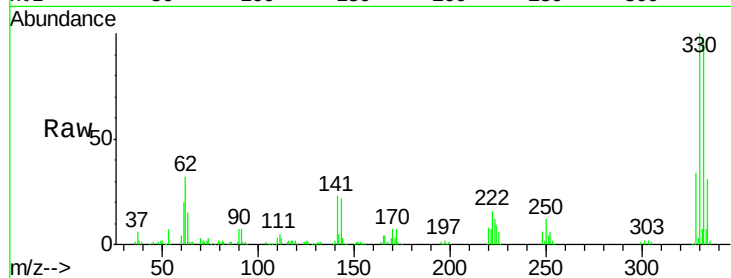




#41
 2,4,6-Tribromophenol
 Concen: 125.35 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100714.D
 Acq: 18 Nov 2017 11:17

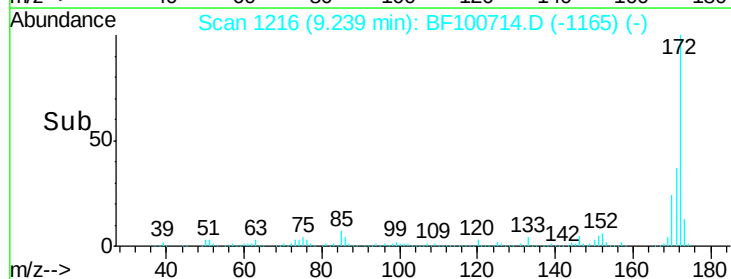
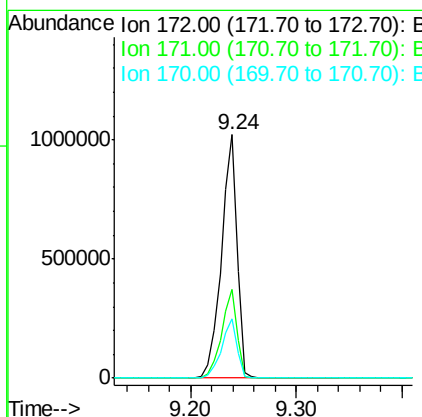
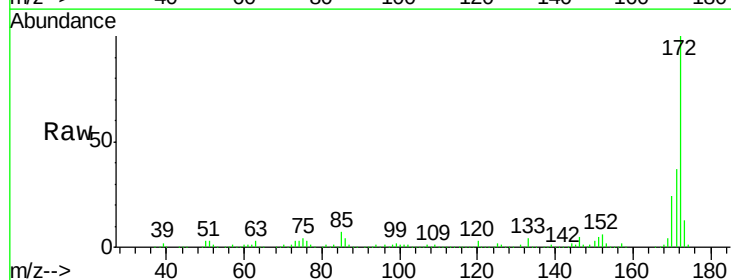
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 CL-01-111617-A

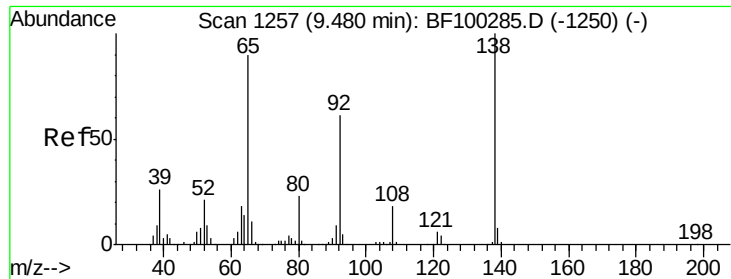
Tgt Ion:330 Resp: 201760
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 28.7 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 102.37 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100714.D
 Acq: 18 Nov 2017 11:17

Tgt Ion:172 Resp: 1061971
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.4 19.6 29.4

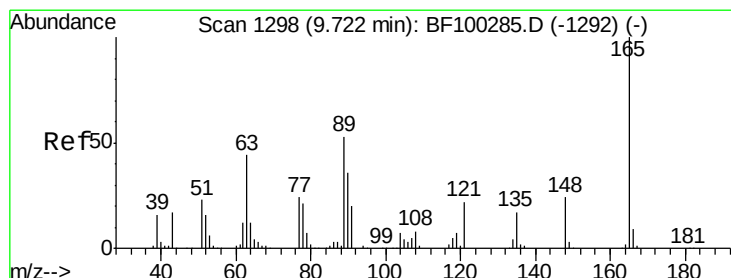
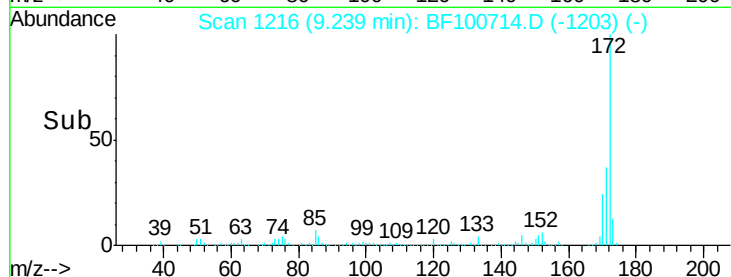
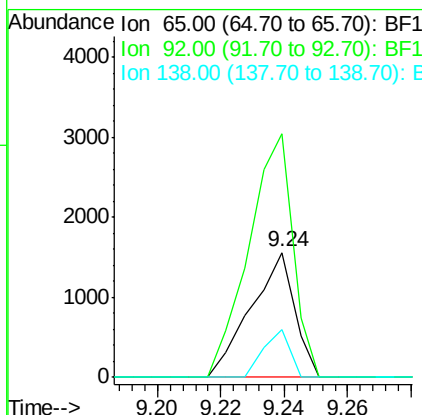
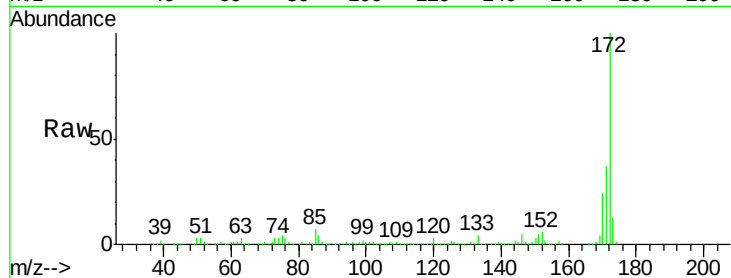




#47
2-Nitroaniline
Concen: 3.27 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF100714.D
Acq: 18 Nov 2017 11:17

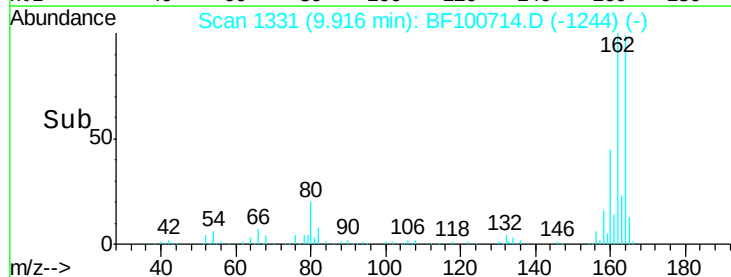
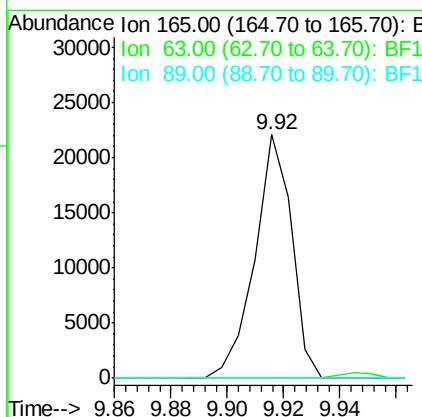
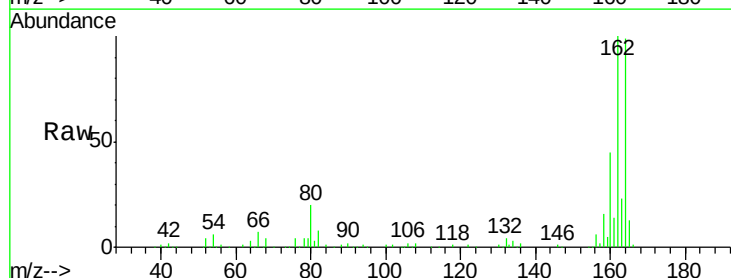
Instrument :
BNA_F
ClientSampleId :
CL-01-111617-A

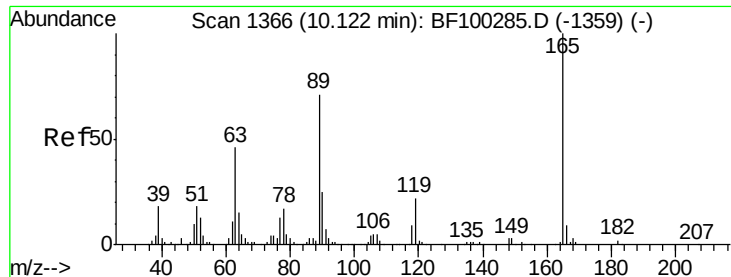
Tgt Ion: 65 Resp: 1499
Ion Ratio Lower Upper
65 100
92 195.3 55.8 83.6#
138 38.1 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 8.37 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100714.D
Acq: 18 Nov 2017 11:17

Tgt Ion: 165 Resp: 19977
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

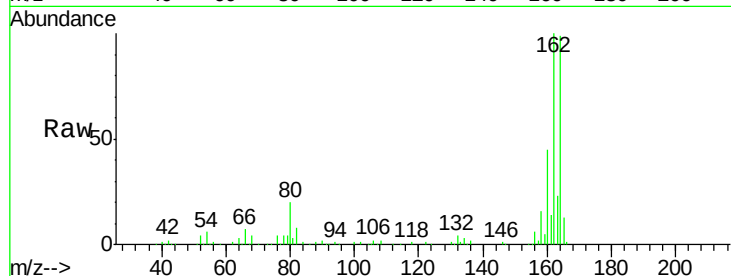




#56
2,4-Dinitrotoluene
Concen: 6.63 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100714.D
Acq: 18 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

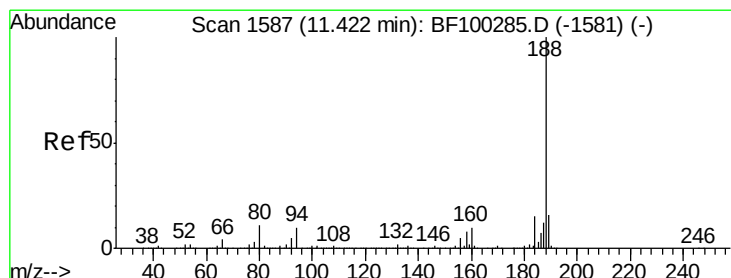
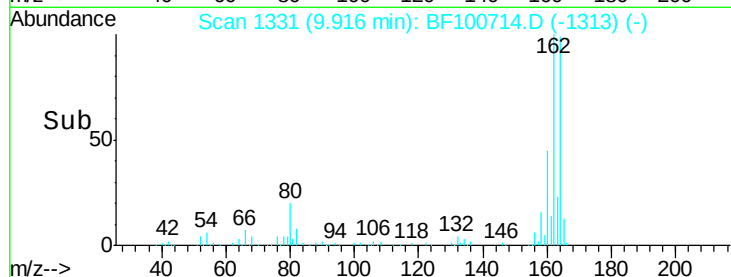
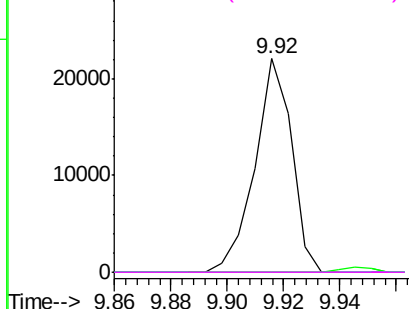


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

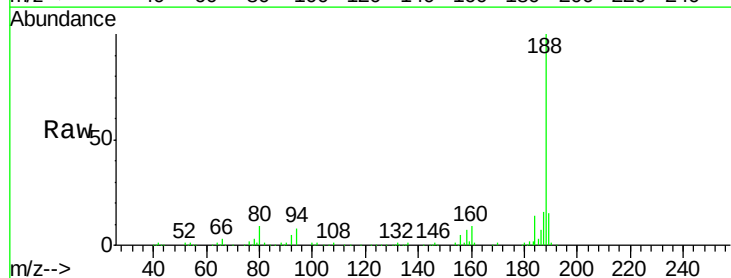
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100714.D
Acq: 18 Nov 2017 11:17

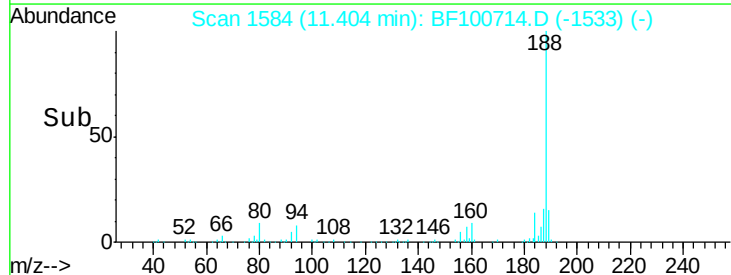
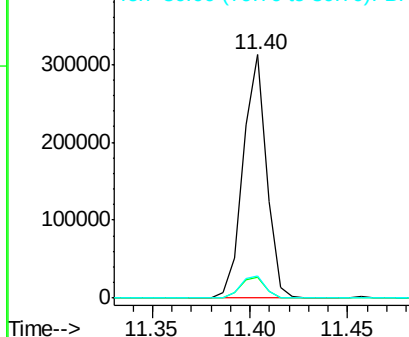
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.3	9.2	13.8

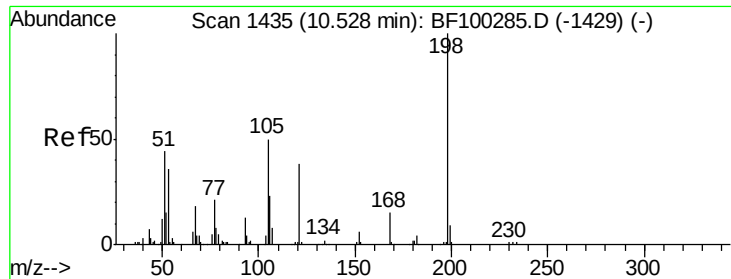


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

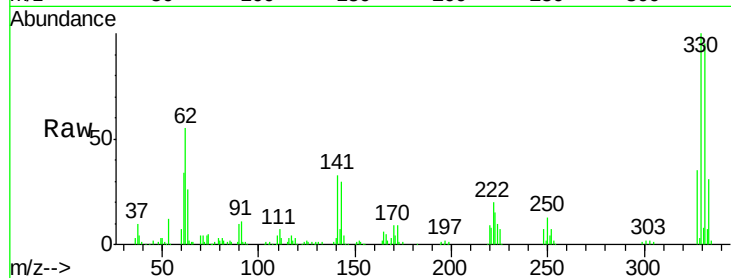




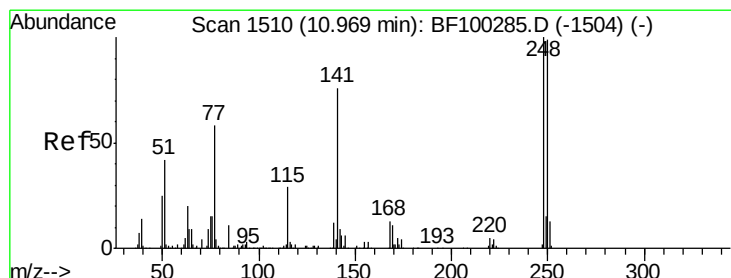
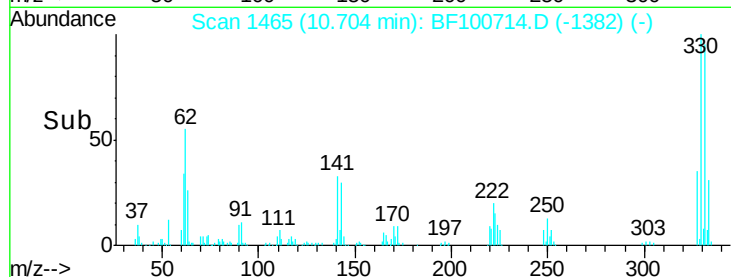
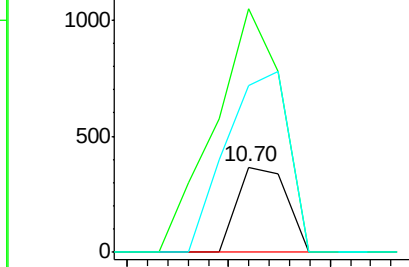
#64
4,6-Dinitro-2-methylphenol
Concen: 8.73 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF100714.D
Acq: 18 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-A

Tgt Ion:198 Resp: 248
Ion Ratio Lower Upper
198 100
51 285.6 37.7 77.7#
105 195.1 36.3 76.3#

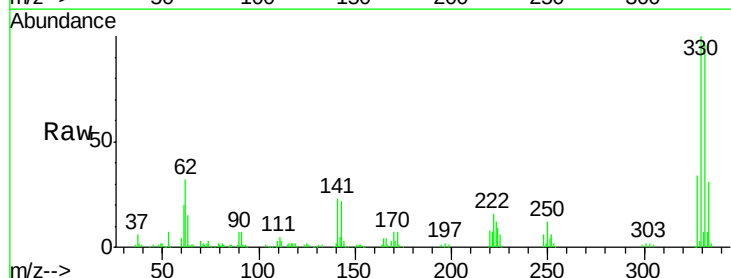


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

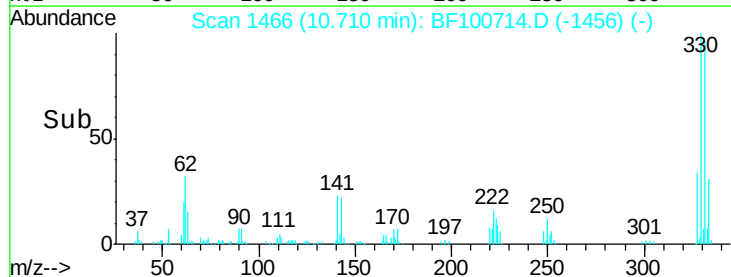
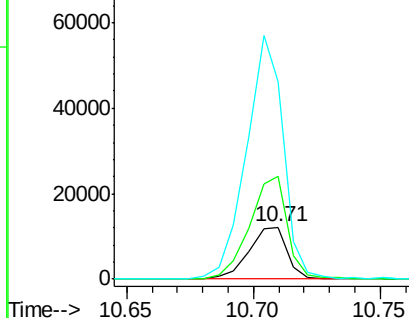


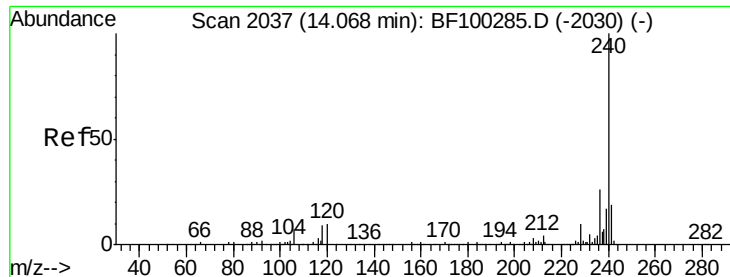
#66
4-Bromophenyl-phenylether
Concen: 4.59 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF100714.D
Acq: 18 Nov 2017 11:17

Tgt Ion:248 Resp: 12778
Ion Ratio Lower Upper
248 100
250 197.8 76.9 115.3#
141 380.8 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100714.D

Acq: 18 Nov 2017 11:17

Instrument :

BNA_F

ClientSampleId :

CL-01-111617-A

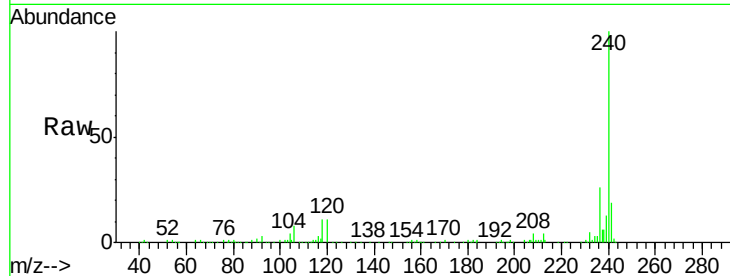
Tgt Ion:240 Resp: 214524

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

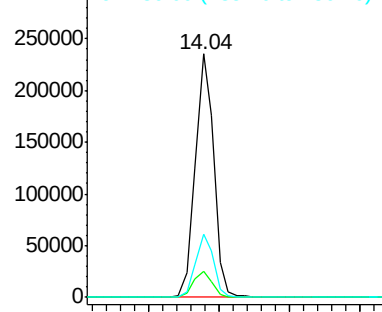
236 25.8 20.7 31.1



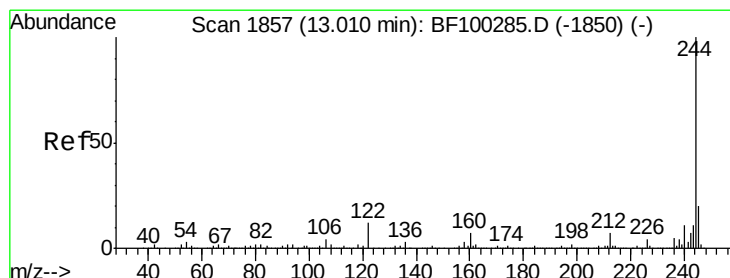
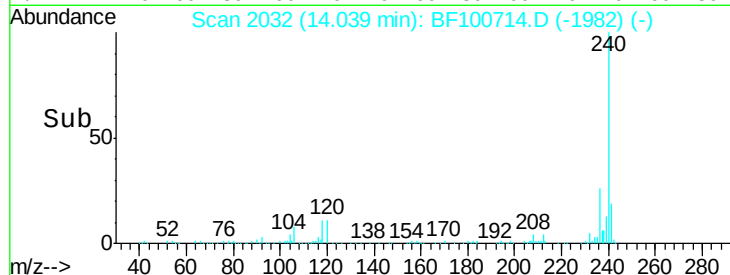
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 89.02 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF100714.D

Acq: 18 Nov 2017 11:17

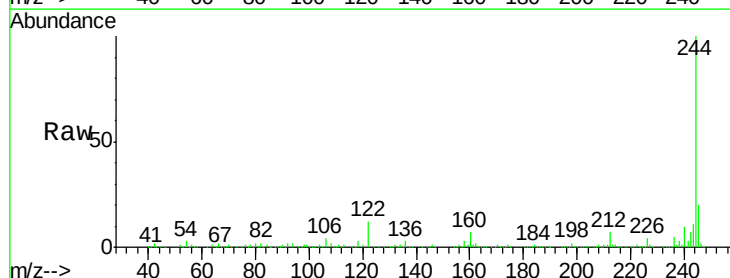
Tgt Ion:244 Resp: 831093

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

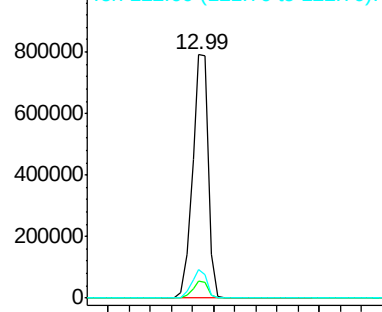
122 12.0 11.0 16.4



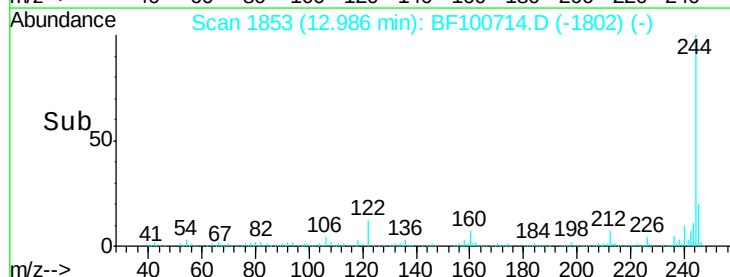
Abundance Ion 244.00 (243.70 to 244.70): E

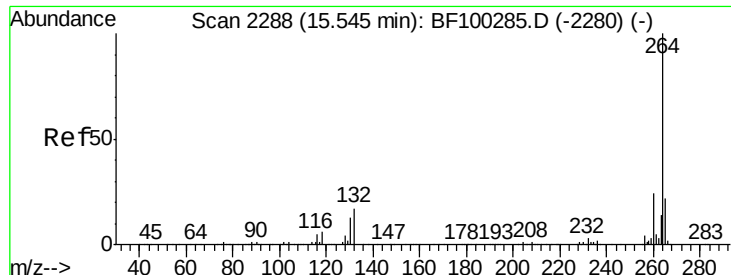
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

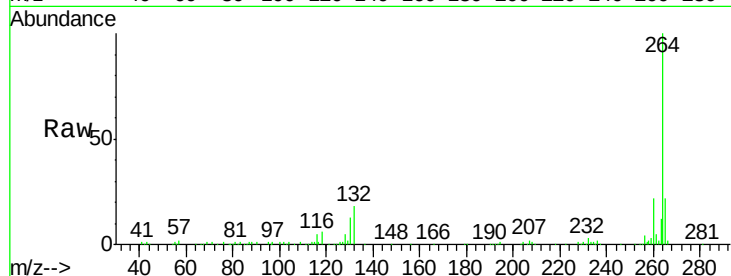




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100714.D
Acq: 18 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-A

Tgt Ion:	264	Resp:	177395
Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	21.9	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

