

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104553.D
 Acq On : 17 Apr 2018 00:26
 Operator : JU/SJ
 Sample : J2386-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 17 02:12:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

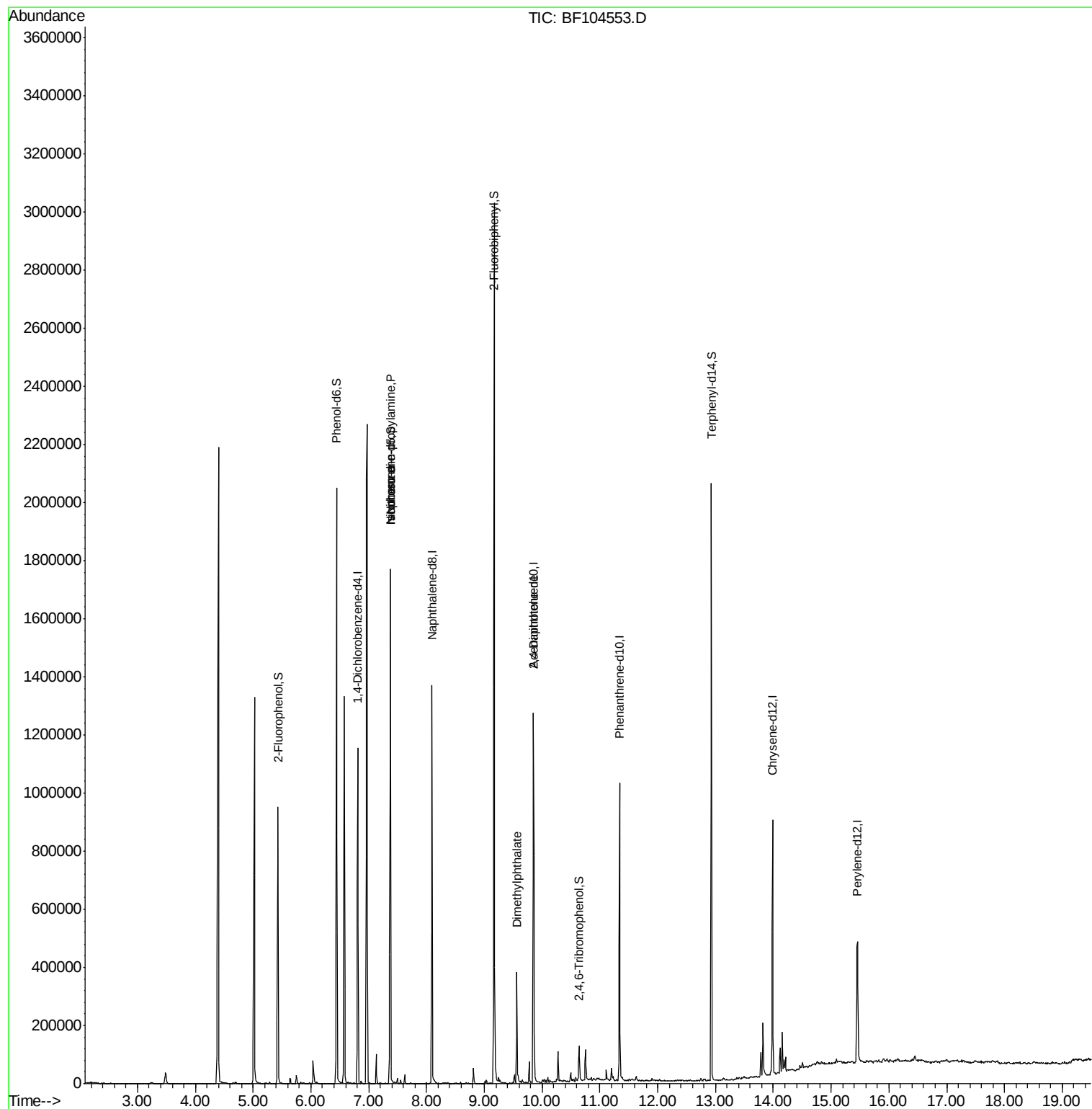
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	154681	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	596341	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	244551	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	355408	20.00	ng	0.00
75) Chrysene-d12	13.99	240	280414	20.00	ng	0.00
86) Perylene-d12	15.46	264	194997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	267870	26.48	ng	0.00
7) Phenol-d6	6.45	99	668796	53.81	ng	0.00
23) Nitrobenzene-d5	7.37	82	553235	60.58	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	14679	5.79	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	966084	62.41	ng	0.00
78) Terphenyl-d14	12.93	244	680143	55.30	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	998	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	71723	8.831 ng	#	74
25) Isophorone	7.37	82	553230	28.647 ng	#	64
49) Dimethylphthalate	9.56	163	154048	7.988 ng		100
56) 2,4-Dinitrotoluene	9.85	165	30230	6.458 ng	#	23
76) Benzidine	12.93	184	8330	Below Cal	#	95

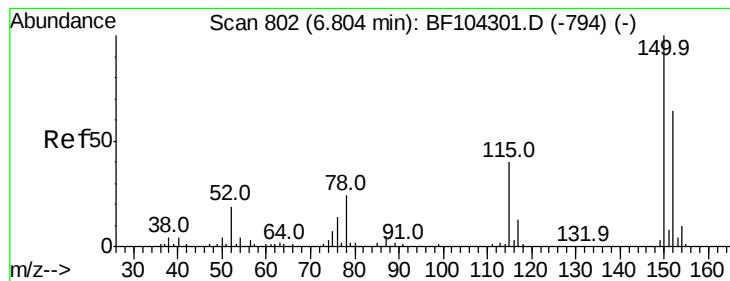
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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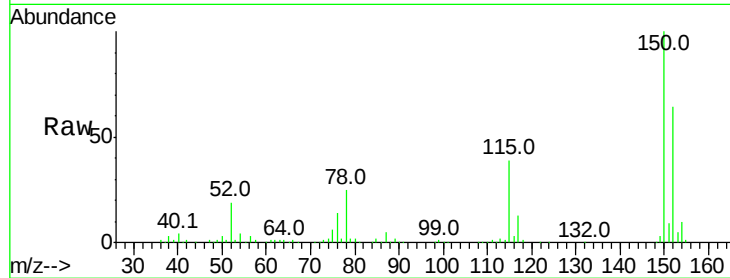


#1

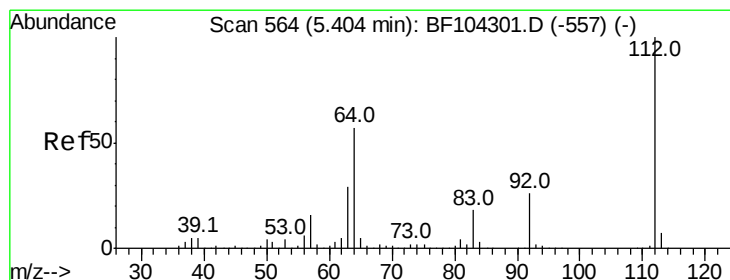
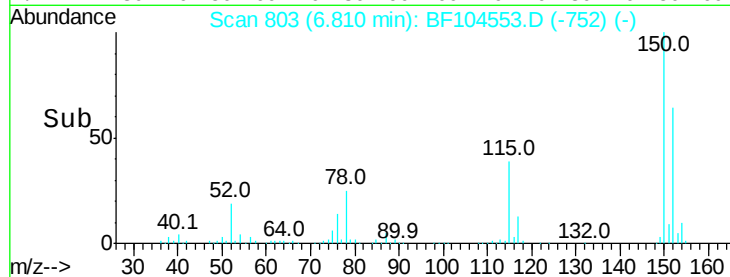
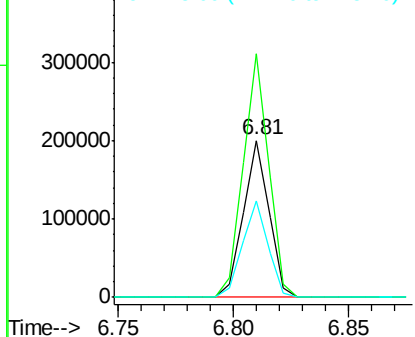
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104553.D
Acq: 17 Apr 2018 00:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 154681
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 61.3 50.1 75.1



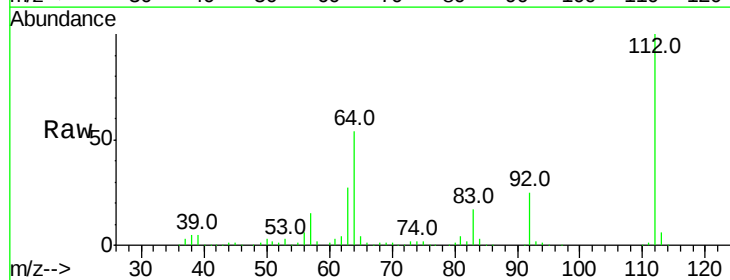
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



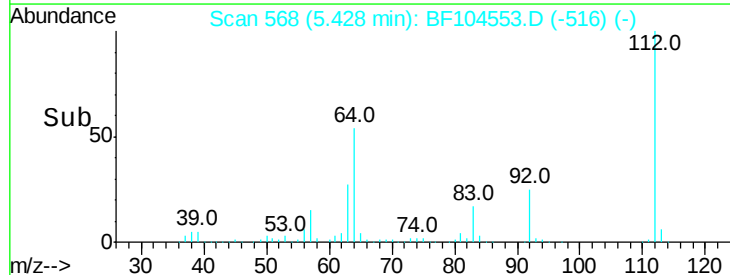
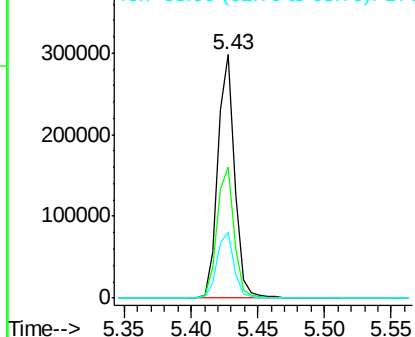
#5

2-Fluorophenol
Concen: 26.480 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104553.D
Acq: 17 Apr 2018 00:26

Tgt Ion:112 Resp: 267870
Ion Ratio Lower Upper
112 100
64 53.9 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: 53.808 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF104553.D

Acq: 17 Apr 2018 00:26

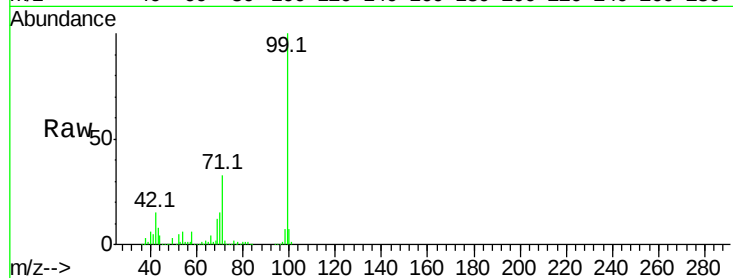
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 668796

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	32.9	25.4	38.0

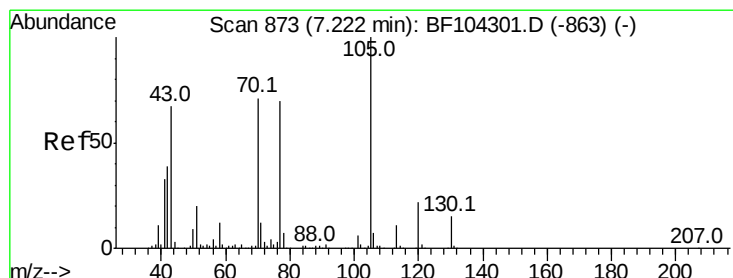
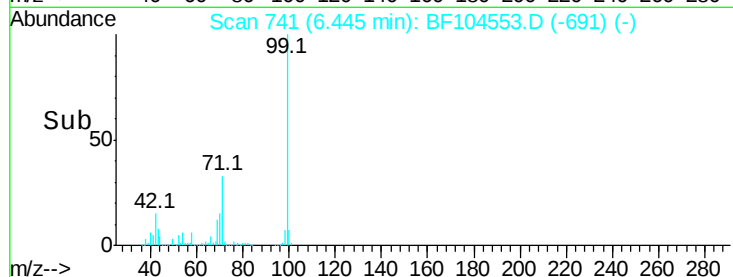
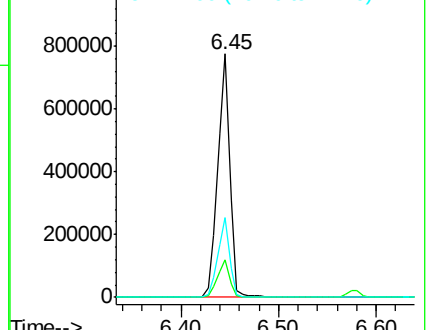


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 8.831 ng

RT: 7.37 min Scan# 899

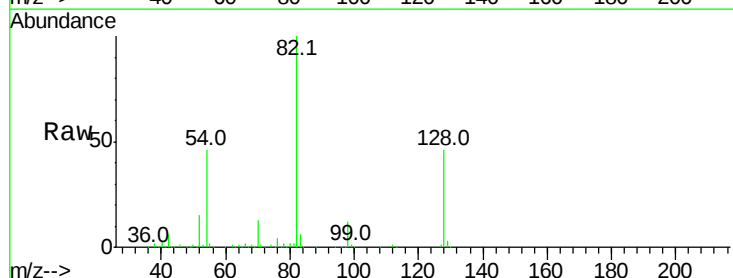
Delta R.T. 0.15 min

Lab File: BF104553.D

Acq: 17 Apr 2018 00:26

Tgt Ion: 70 Resp: 71723

Ion	Ratio	Lower	Upper
70	100		
42	43.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



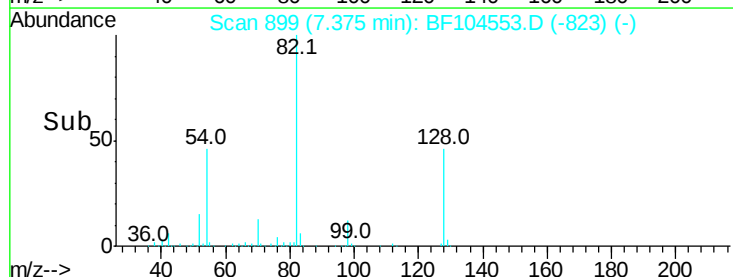
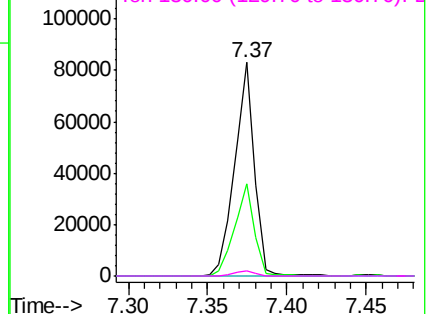
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

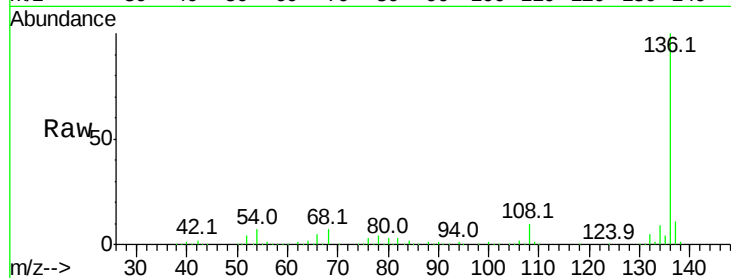




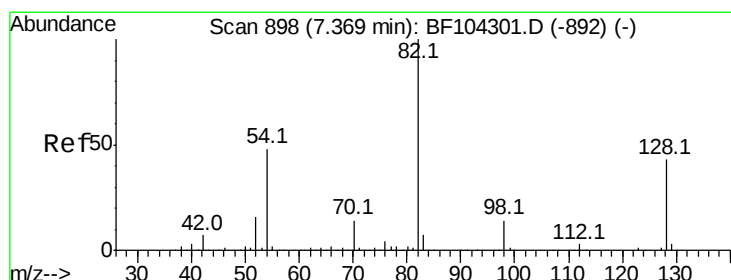
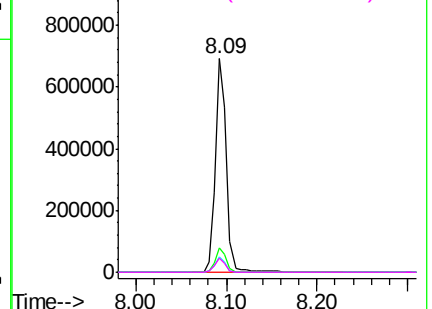
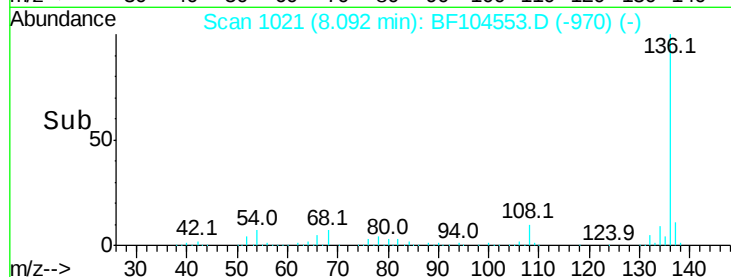
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104553.D
Acq: 17 Apr 2018 00:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	596341
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.4	6.6	9.8
68	6.6	5.0	7.4

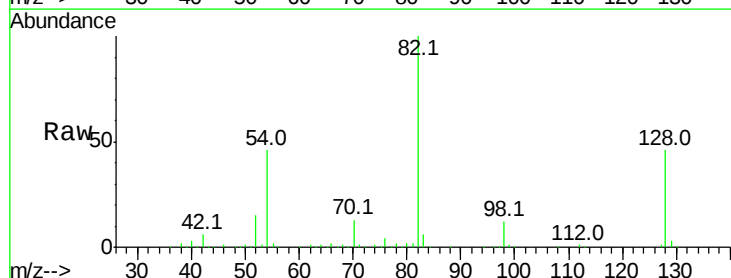


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

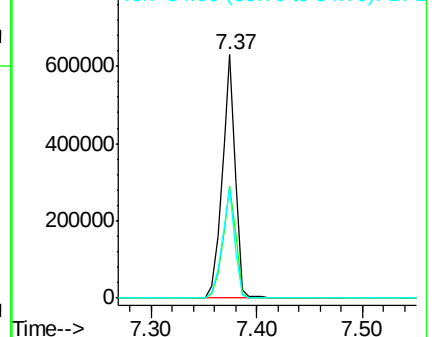
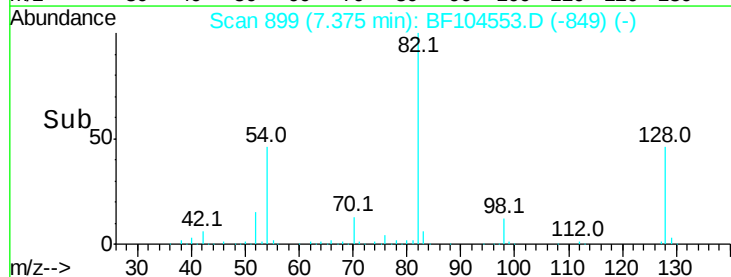


#23
Nitrobenzene-d5
Concen: 60.578 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104553.D
Acq: 17 Apr 2018 00:26

Tgt Ion:	82	Resp:	553235
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	45.6	41.4	62.2



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





#25

Isophorone

Concen: 28.647 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF104553.D

Acq: 17 Apr 2018 00:26

Instrument :

BNA_F

ClientSampleId :

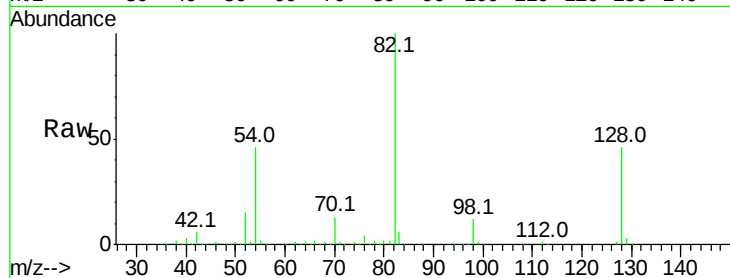
Tot Ion: 82 Resp: 553230

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

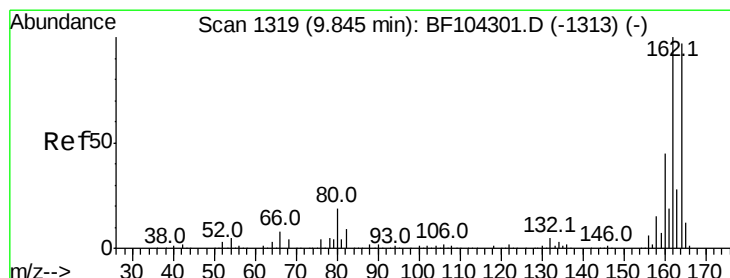
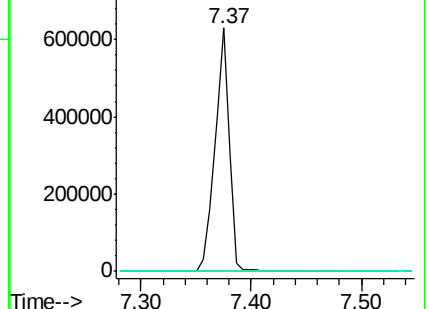
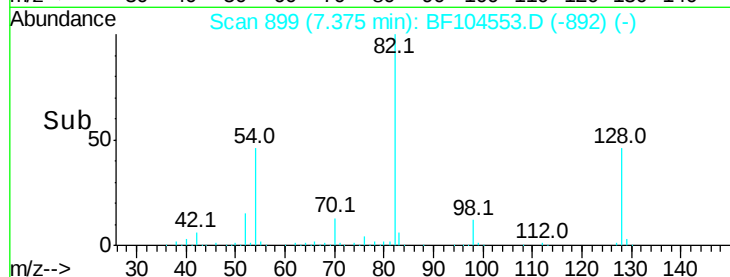
138 0.0 14.9 22.3#



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: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF104553.D

Acq: 17 Apr 2018 00:26

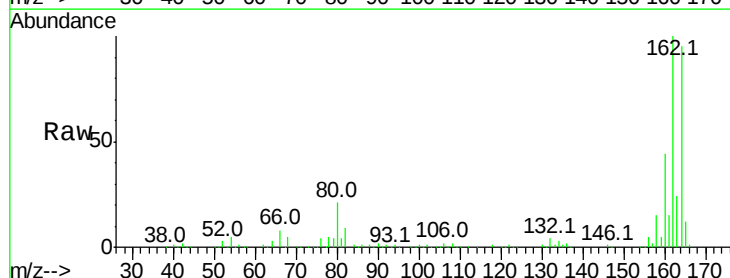
Tgt Ion:164 Resp: 244551

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

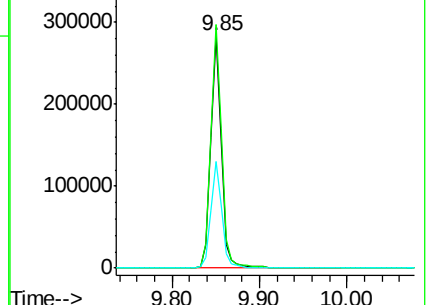
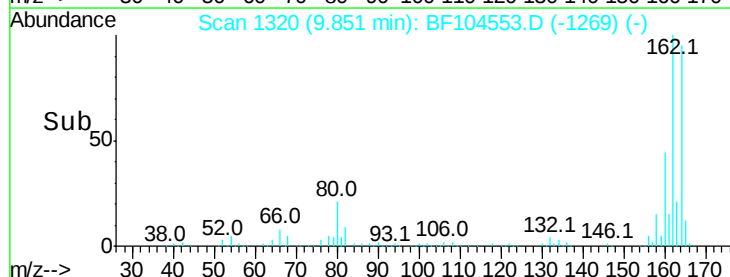
160 45.9 38.3 57.5



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

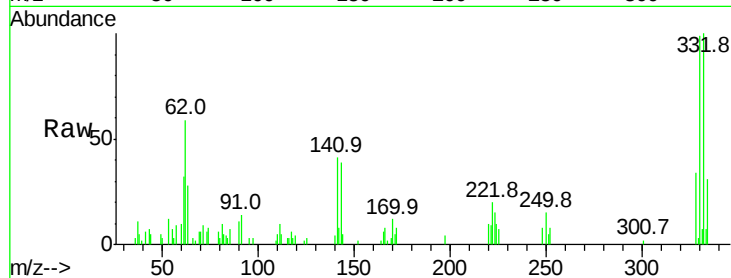




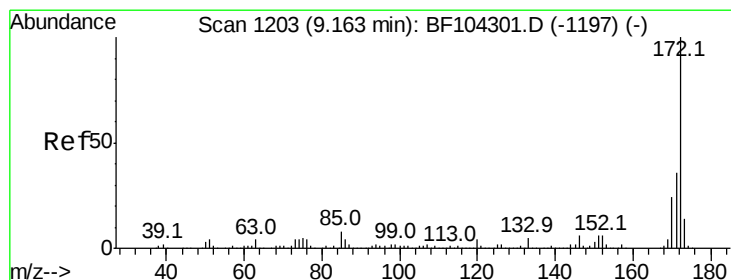
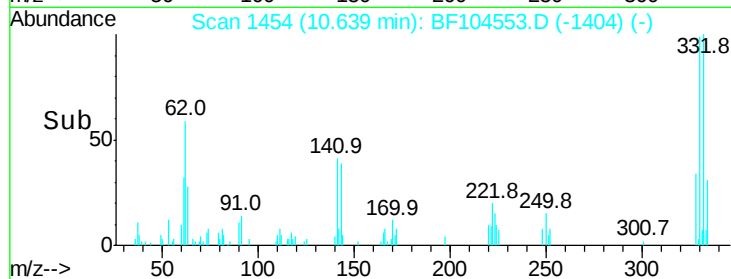
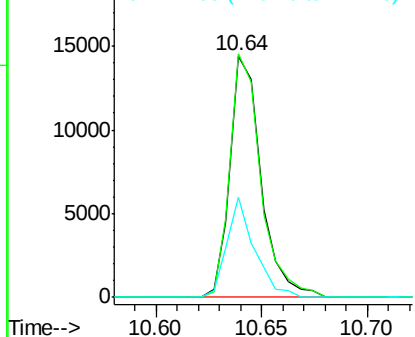
#41
 2,4,6-Tribromophenol
 Concen: 5.786 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104553.D
 Acq: 17 Apr 2018 00:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 14679
 Ion Ratio Lower Upper
 330 100
 332 99.7 77.0 115.6
 141 36.5 29.9 44.9

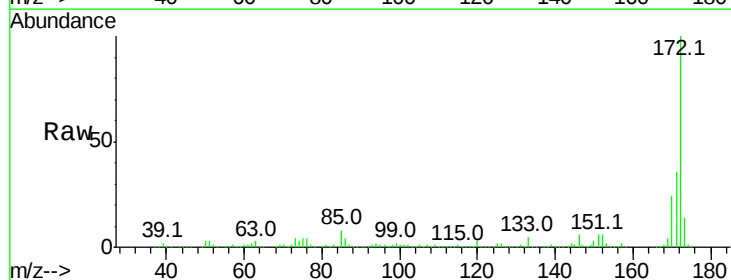


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

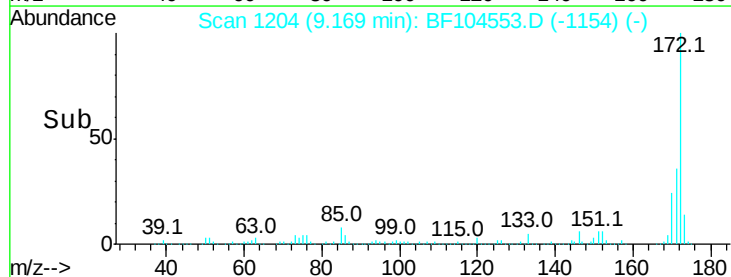
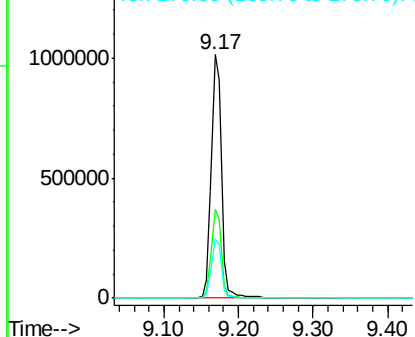


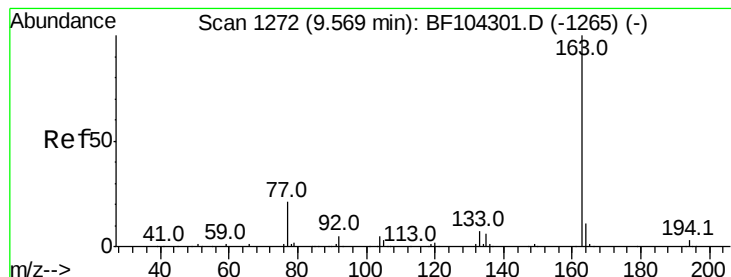
#44
 2-Fluorobiphenyl
 Concen: 62.407 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104553.D
 Acq: 17 Apr 2018 00:26

Tgt Ion:172 Resp: 966084
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.3 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





#49

Dimethylphthalate

Concen: 7.988 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF104553.D

Acq: 17 Apr 2018 00:26

Instrument :

BNA_F

ClientSampleId :

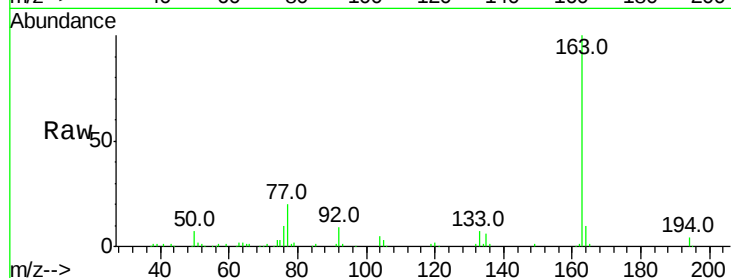
Tot Ion:163 Resp: 154048

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

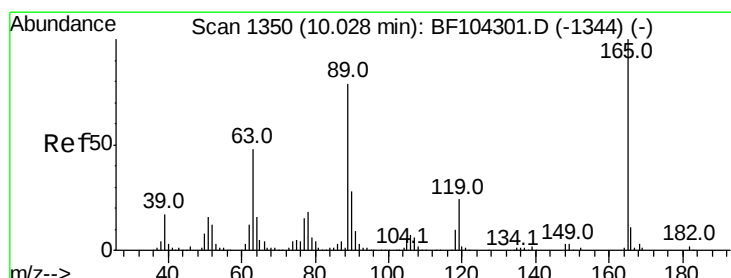
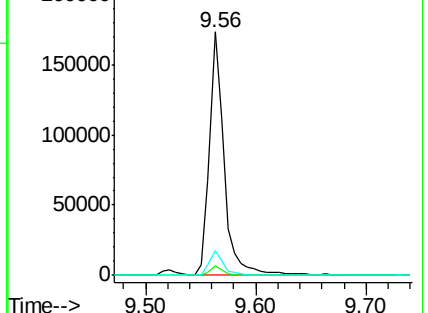
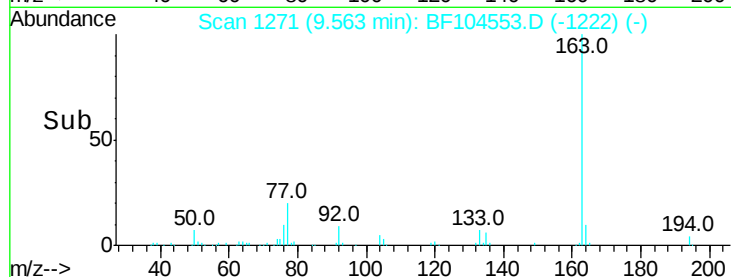
164 10.3 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.458 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF104553.D

Acq: 17 Apr 2018 00:26

Tgt Ion:165 Resp: 30230

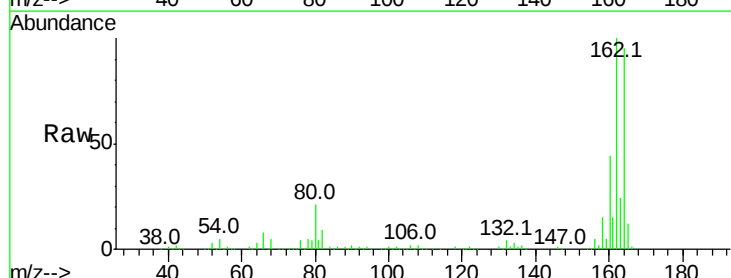
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

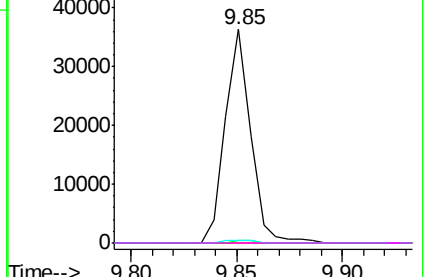
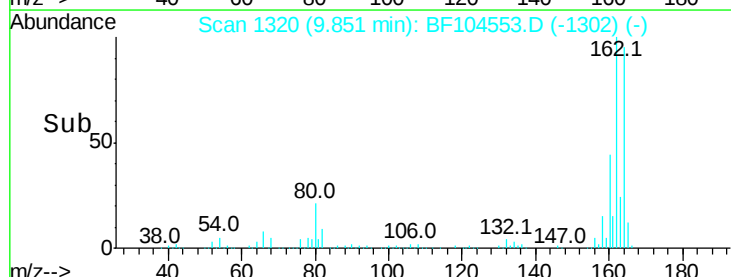


Abundance Ion 165.00 (164.70 to 165.70): E

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

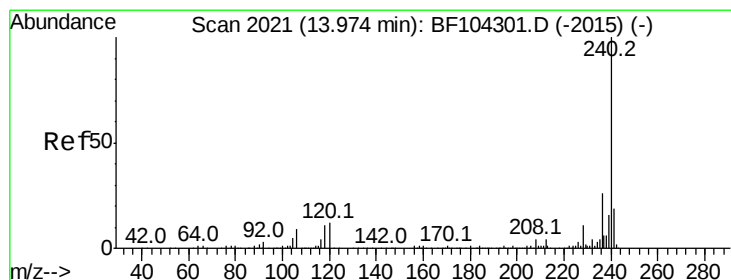
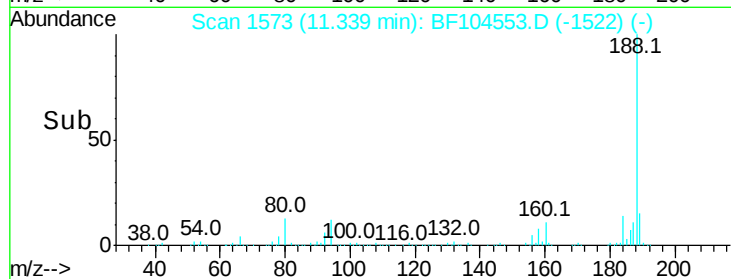
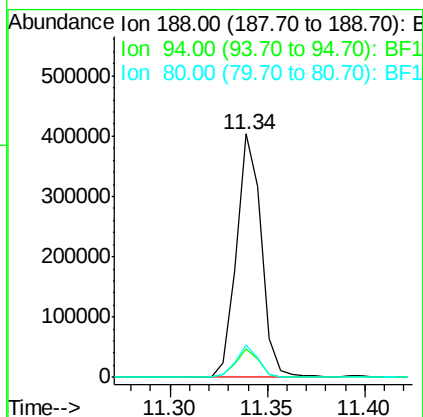
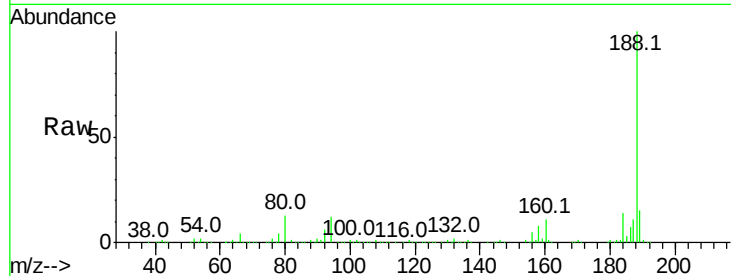




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF104553.D
 Acq: 17 Apr 2018 00:26

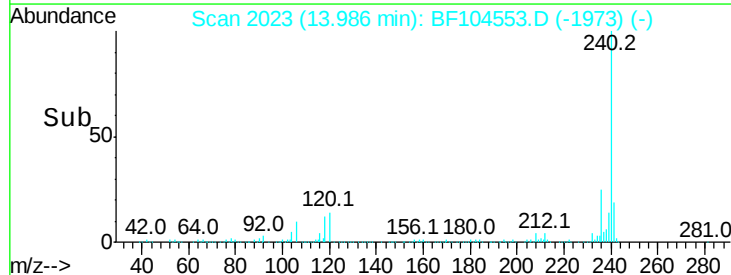
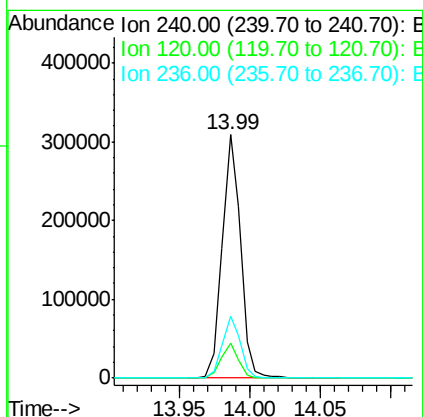
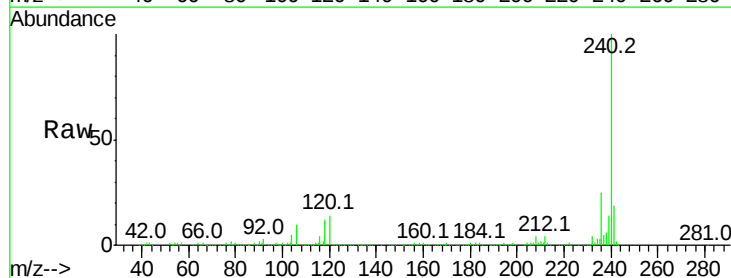
Instrument :
 BNA_F
 ClientSampleId :

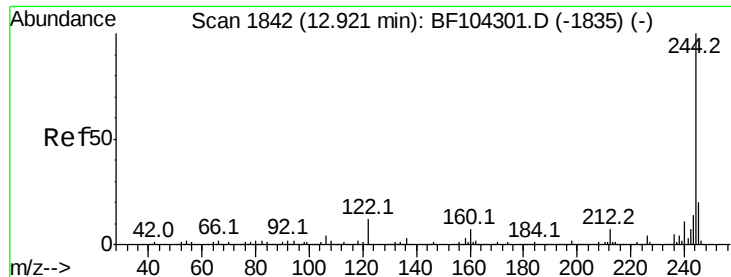
Tot Ion:188 Resp: 355408
 Ion Ratio Lower Upper
 188 100
 94 11.8 8.5 12.7
 80 13.1 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF104553.D
 Acq: 17 Apr 2018 00:26

Tgt Ion:240 Resp: 280414
 Ion Ratio Lower Upper
 240 100
 120 14.1 9.5 14.3
 236 25.2 20.7 31.1





#78

Terphenyl-d14

Concen: 55.297 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BF104553.D

Acq: 17 Apr 2018 00:26

Instrument :

BNA_F

ClientSampleId :

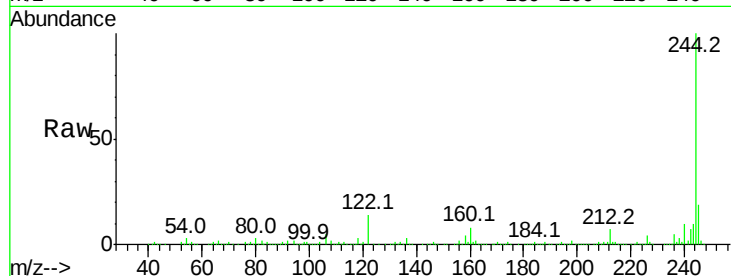
Tot Ion:244 Resp: 680143

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 13.6 11.0 16.4

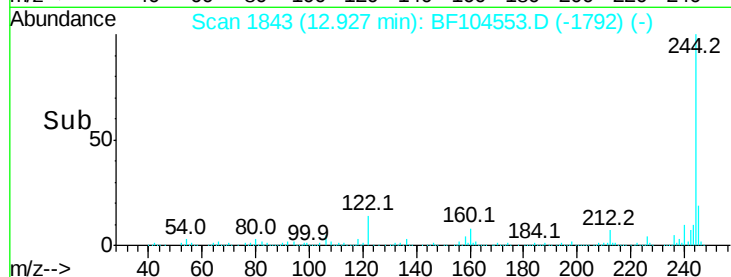


Abundance Ion 244.00 (243.70 to 244.70): E

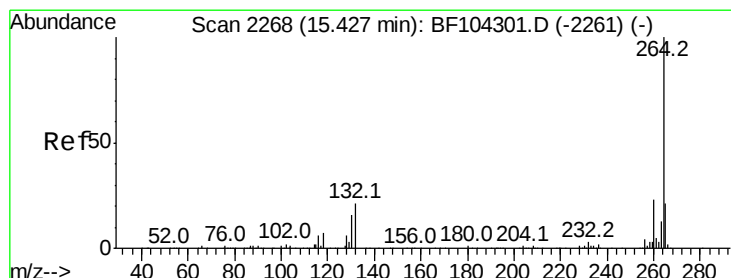
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.93



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BF104553.D

Acq: 17 Apr 2018 00:26

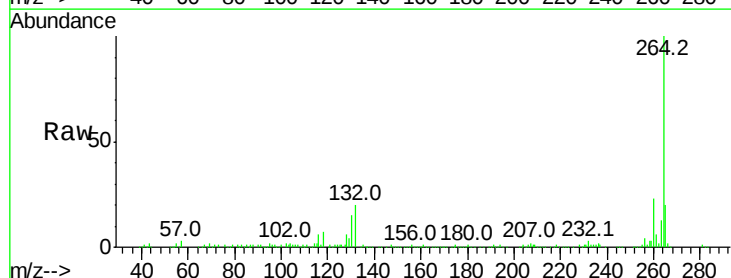
Tgt Ion:264 Resp: 194997

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.4 17.5 26.3

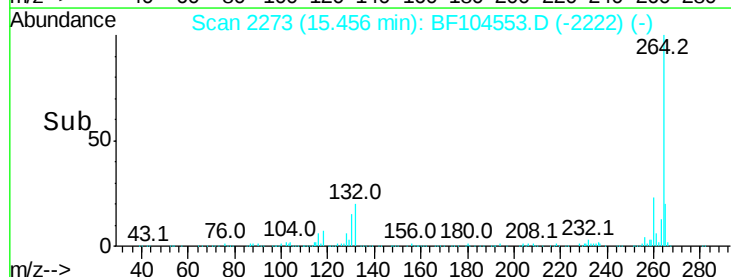


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

15.46



Time-->