

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104471.D
 Acq On : 13 Apr 2018 00:17
 Operator : JU/SJ
 Sample : J2337-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

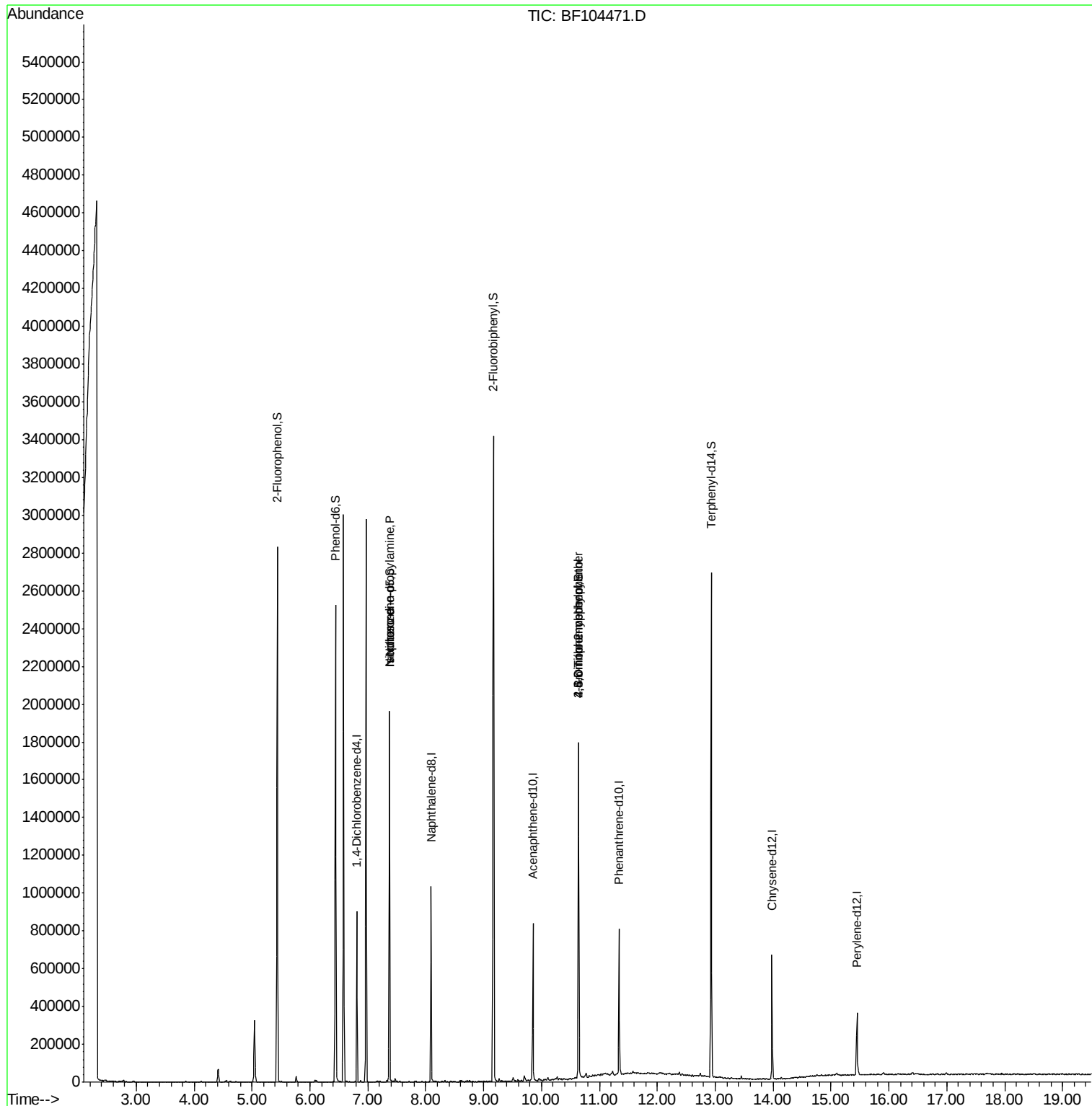
Quant Time: Apr 13 01:36:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

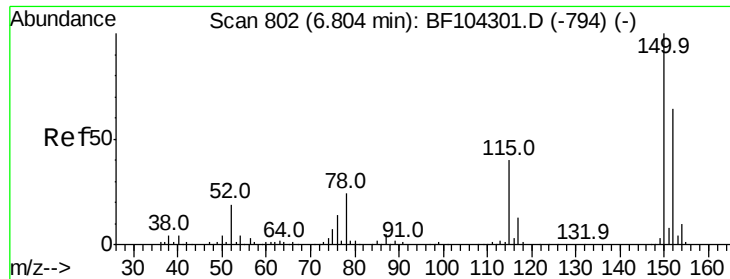
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	116227	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	432530	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	163357	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	255912	20.00	ng	0.00
75) Chrysene-d12	13.98	240	220555	20.00	ng	-0.01
86) Perylene-d12	15.45	264	155873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	893697	117.57	ng	0.02
7) Phenol-d6	6.45	99	949081	101.62	ng	0.00
23) Nitrobenzene-d5	7.37	82	730708	110.31	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	223117	131.67	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1186889	114.78	ng	0.00
78) Terphenyl-d14	12.93	244	969891	100.26	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	1348	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	95903	15.714 ng	#	75
25) Isophorone	7.37	82	730702	52.166 ng	#	64
64) 4,6-Dinitro-2-methylphenol	10.64	198	520	7.700 ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	13544	4.976 ng	#	1
76) Benzidine	12.93	184	13344	Below Cal	#	93

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

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Sample    : J2337-17  
Misc      :  
ALS Vial  : 27      Sample Multiplier: 1
```

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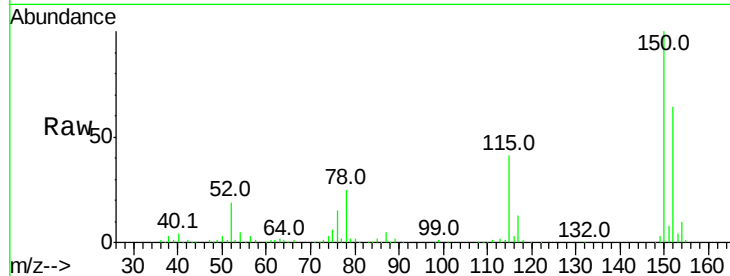


#1

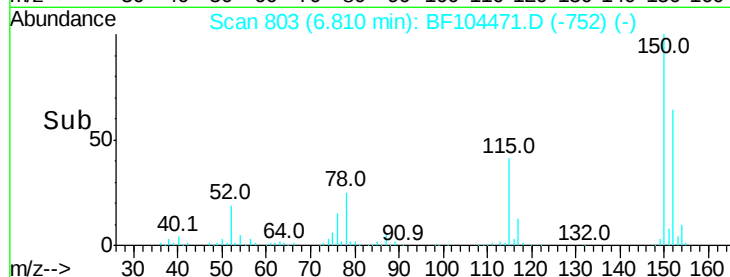
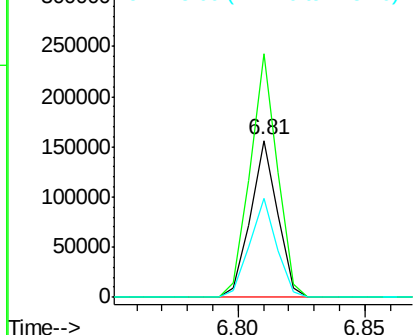
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104471.D
Acq: 13 Apr 2018 00:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 116227
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 63.0 50.1 75.1



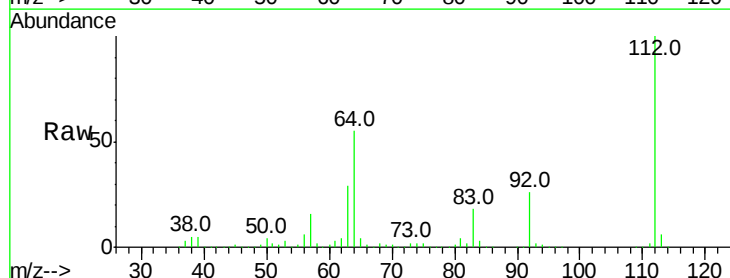
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



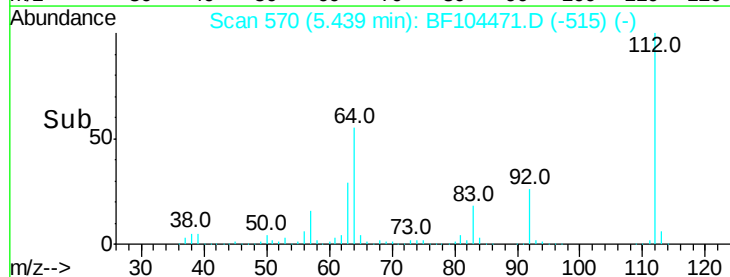
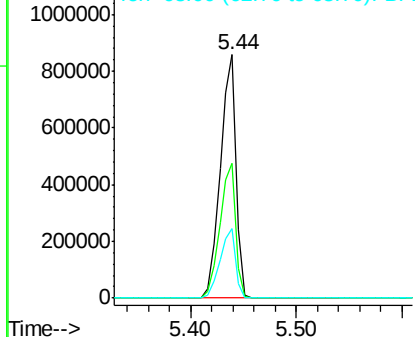
#5

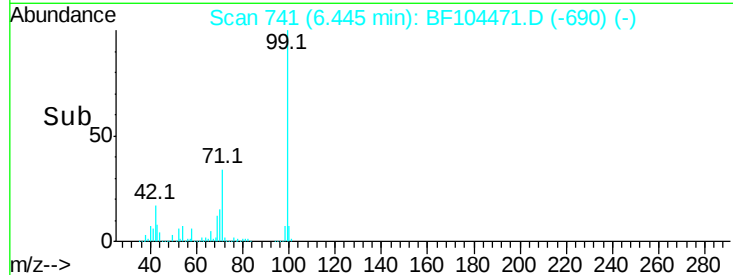
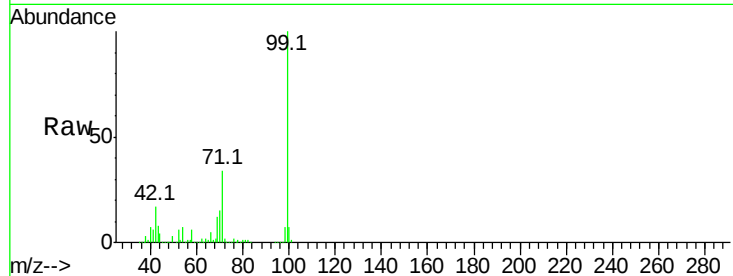
2-Fluorophenol
Concen: 117.573 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF104471.D
Acq: 13 Apr 2018 00:17

Tgt Ion:112 Resp: 893697
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 28.7 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: 101.621 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104471.D

Acq: 13 Apr 2018 00:17

Instrument :

BNA_F

ClientSampleId :

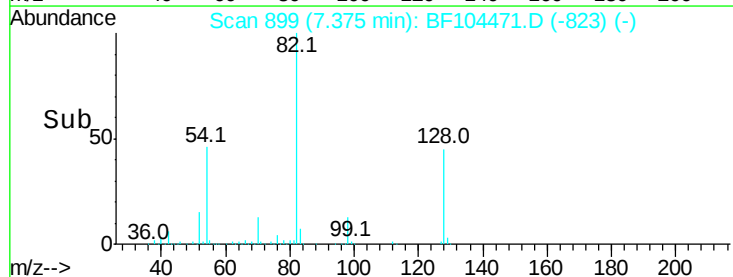
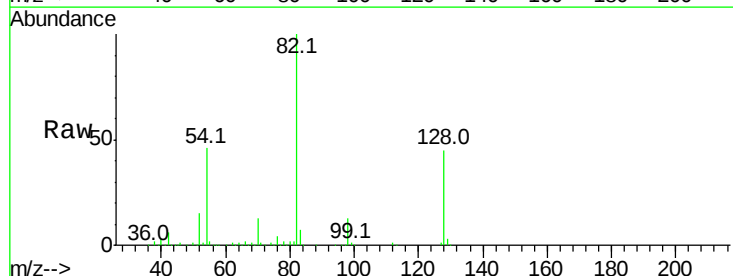
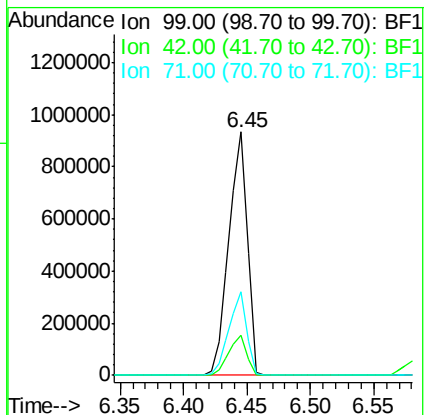
Tot Ion: 99 Resp: 949081

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

71 34.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.714 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104471.D

Acq: 13 Apr 2018 00:17

Tgt Ion: 70 Resp: 95903

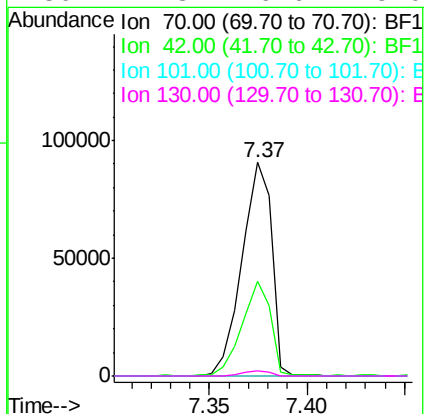
Ion Ratio Lower Upper

70 100

42 44.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF104471.D

Acq: 13 Apr 2018 00:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 432530

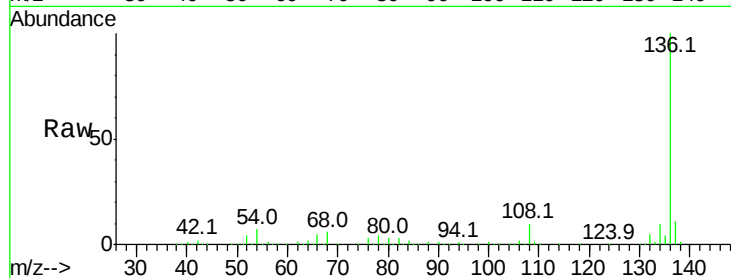
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.9 6.6 9.8

68 6.0 5.0 7.4

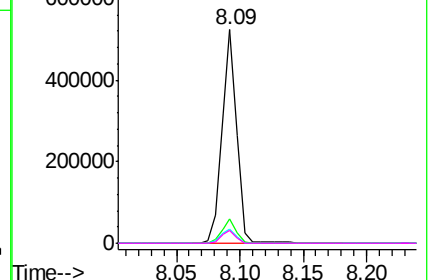
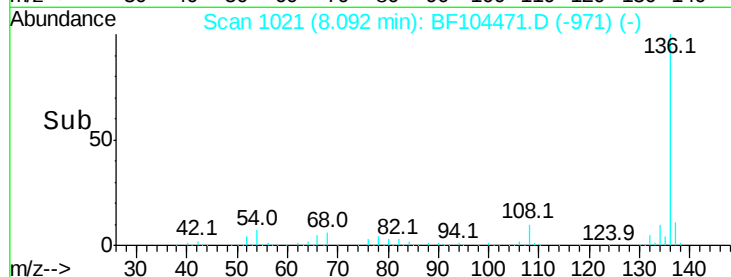


Abundance Ion 136.00 (135.70 to 136.70): E

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: 110.313 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104471.D

Acq: 13 Apr 2018 00:17

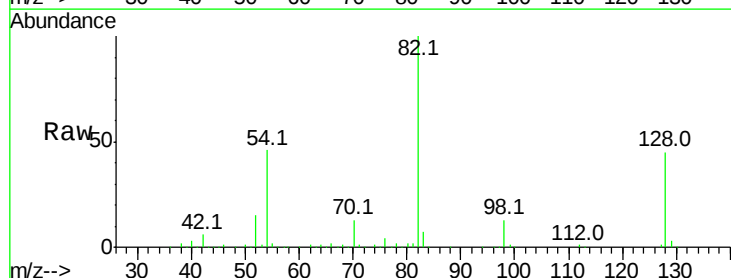
Tgt Ion: 82 Resp: 730708

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

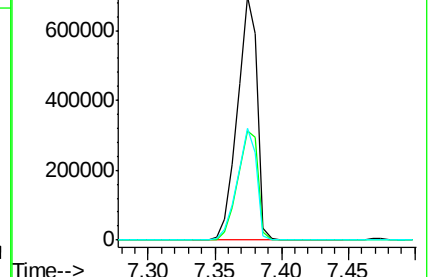
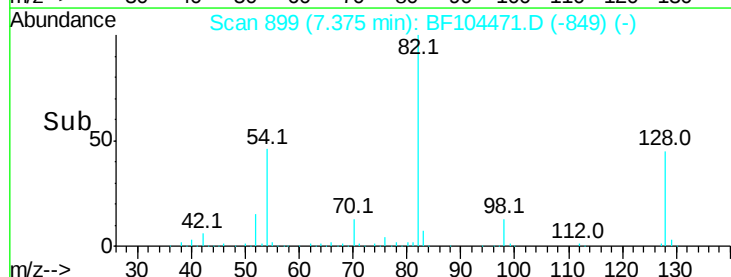
54 46.1 41.4 62.2



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: 52.166 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF104471.D

Acq: 13 Apr 2018 00:17

Instrument :

BNA_F

ClientSampled :

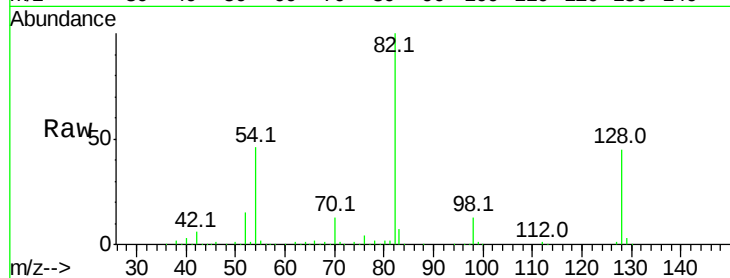
Tot Ion: 82 Resp: 730702

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

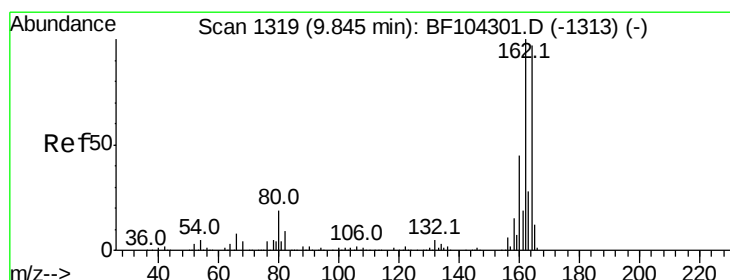
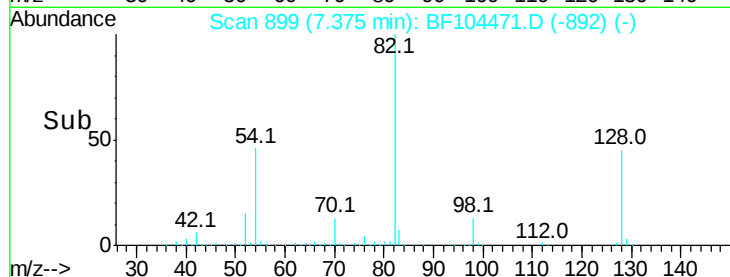
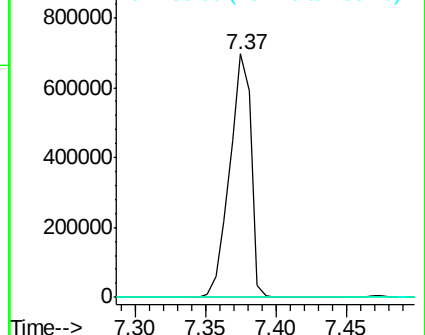
138 0.0 14.9 22.3#



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: BF104471.D

Acq: 13 Apr 2018 00:17

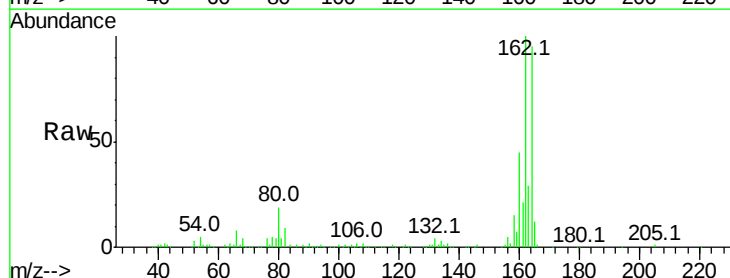
Tgt Ion:164 Resp: 163357

Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

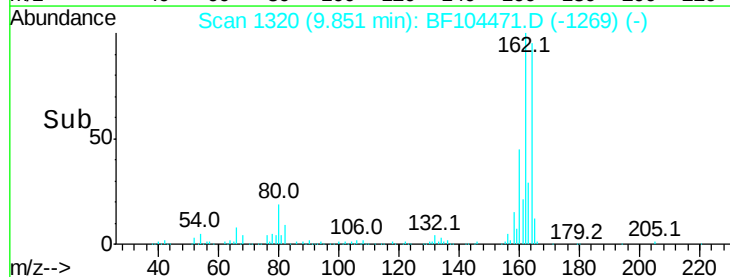
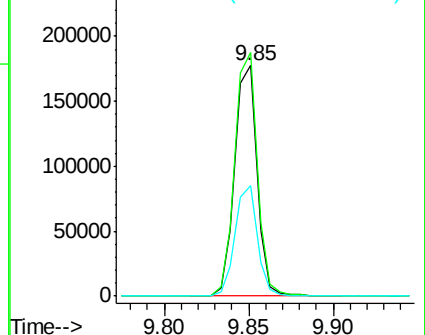
160 47.7 38.3 57.5



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

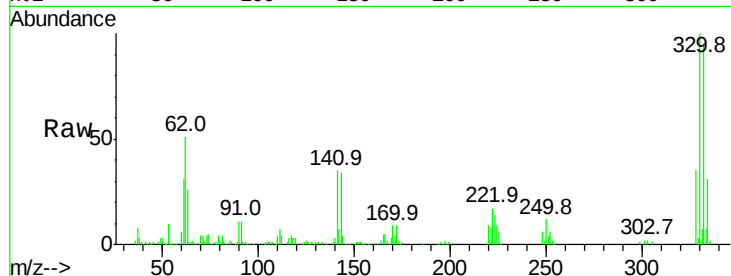




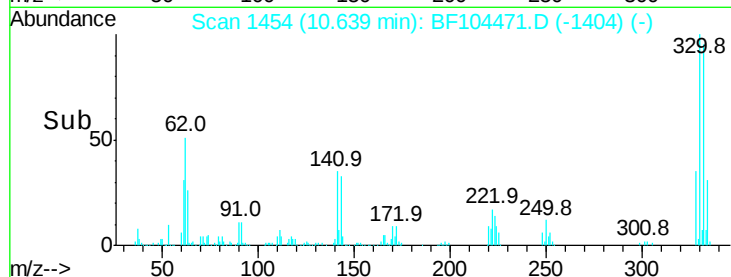
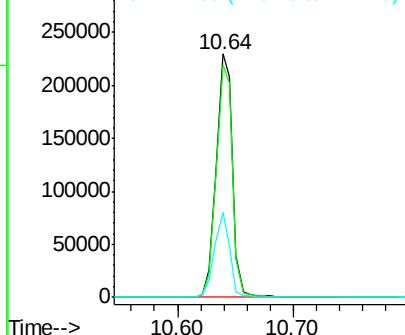
#41
 2,4,6-Tribromophenol
 Concen: 131.668 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104471.D
 Acq: 13 Apr 2018 00:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 223117
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 32.8 29.9 44.9

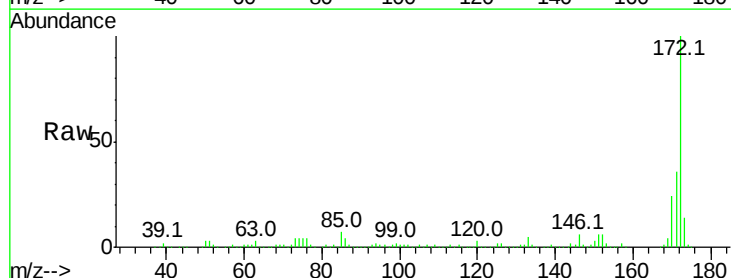


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

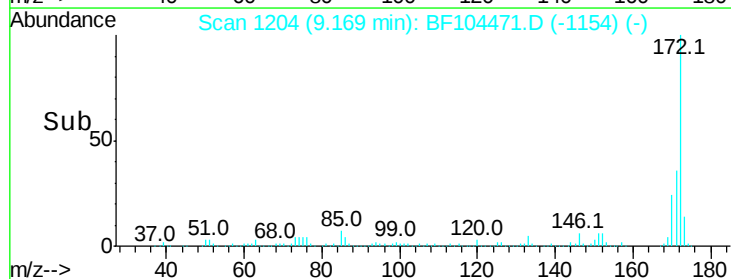
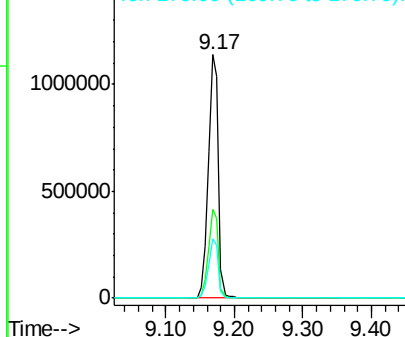


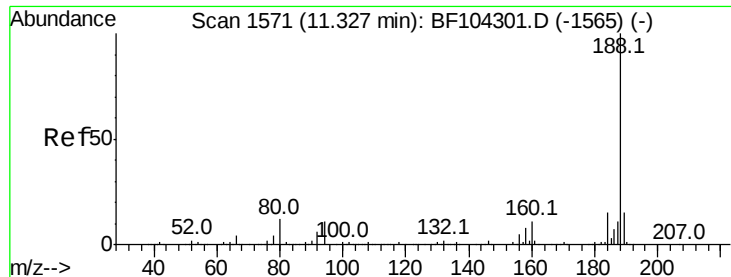
#44
 2-Fluorobiphenyl
 Concen: 114.779 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104471.D
 Acq: 13 Apr 2018 00:17

Tgt Ion:172 Resp: 1186889
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

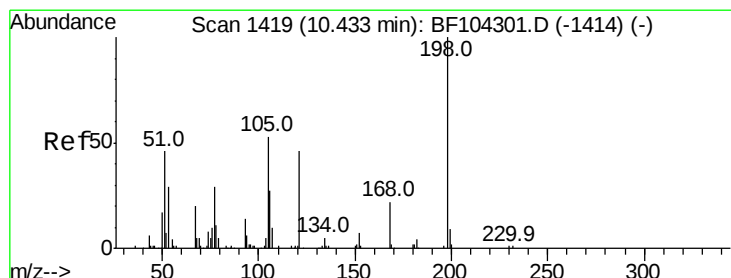
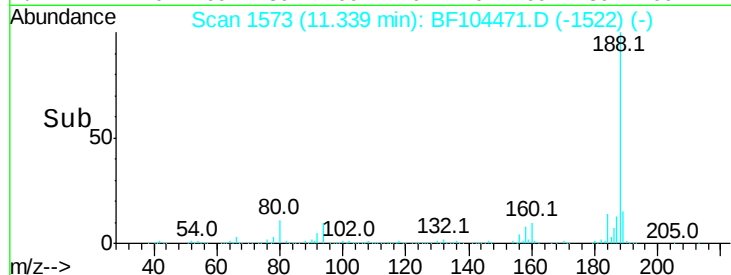
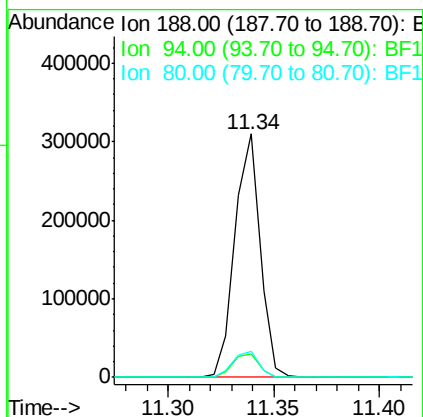
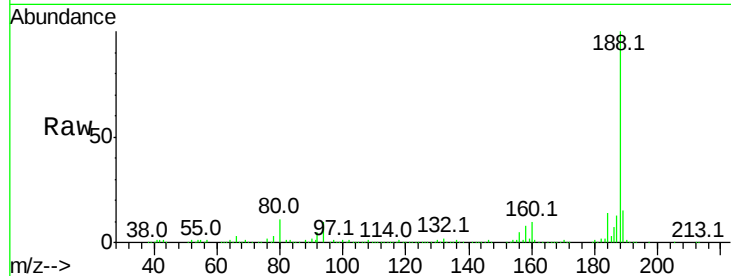




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104471.D
Acq: 13 Apr 2018 00:17

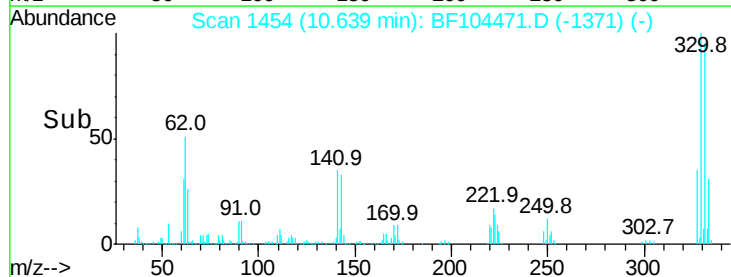
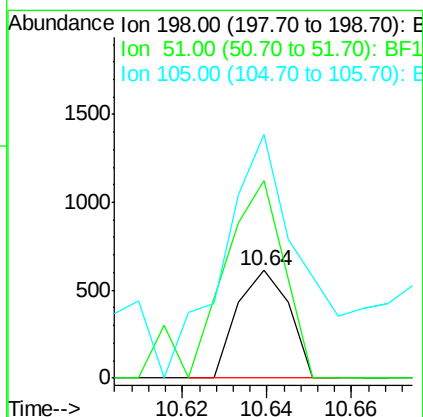
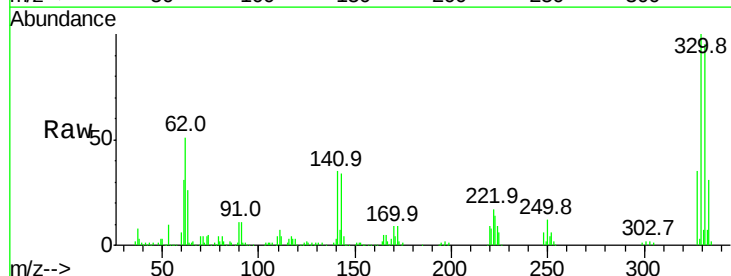
Instrument :
BNA_F
ClientSampleId :

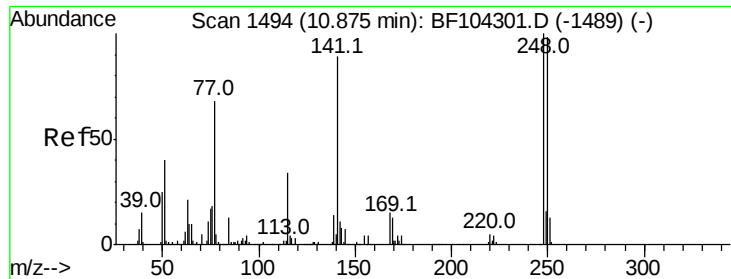
Tot Ion:188 Resp: 255912
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.700 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF104471.D
Acq: 13 Apr 2018 00:17

Tgt Ion:198 Resp: 520
Ion Ratio Lower Upper
198 100
51 183.2 37.7 77.7#
105 226.1 36.3 76.3#

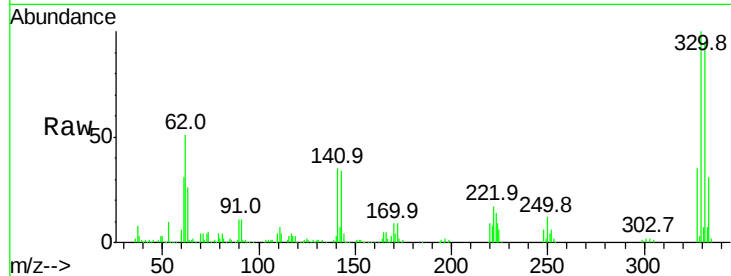




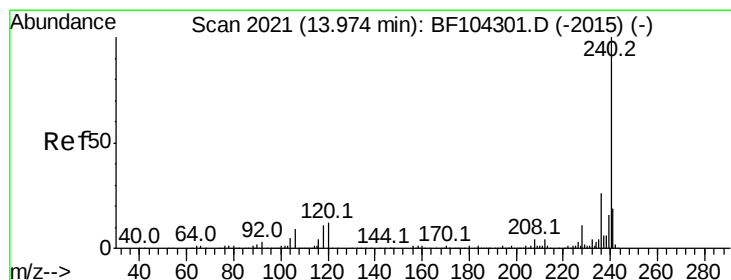
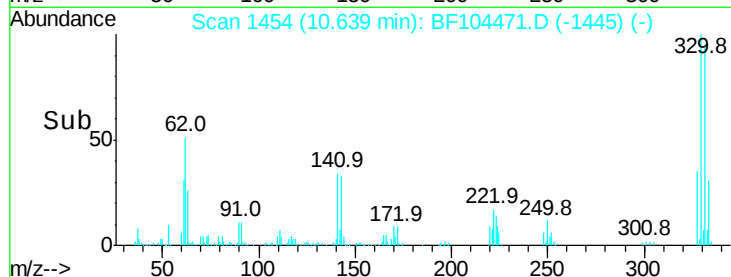
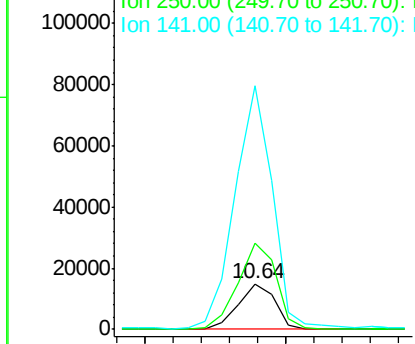
#66
4-Bromophenyl-phenylether
Concen: 4.976 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF104471.D
Acq: 13 Apr 2018 00:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13544
Ion Ratio Lower Upper
248 100
250 190.4 76.9 115.3#
141 536.5 74.4 111.6#

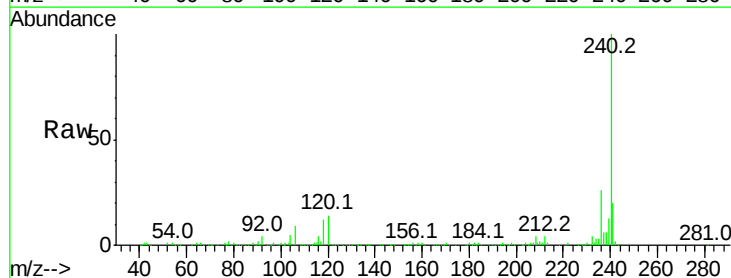


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

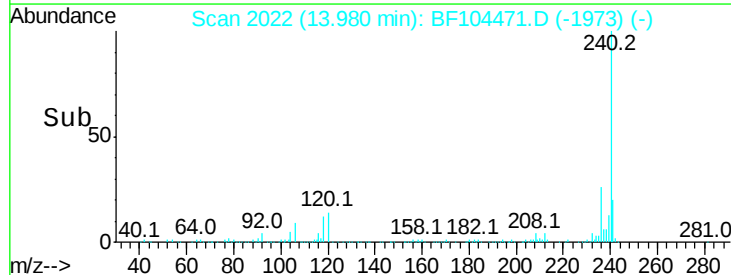
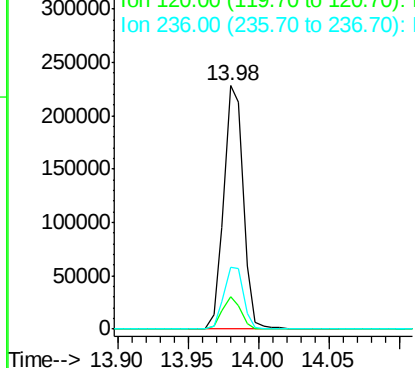


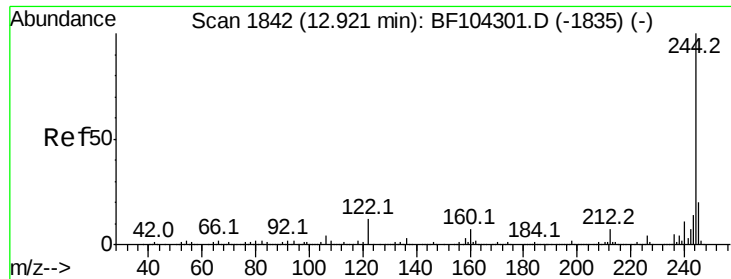
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104471.D
Acq: 13 Apr 2018 00:17

Tgt Ion:240 Resp: 220555
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 25.6 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

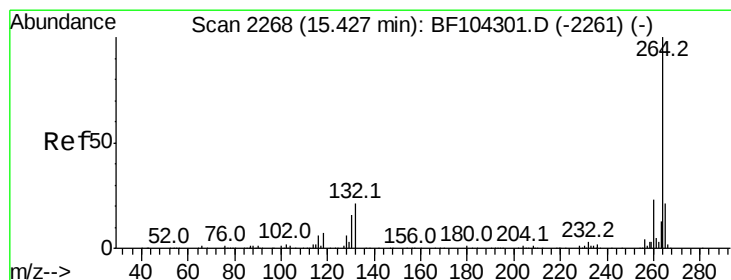
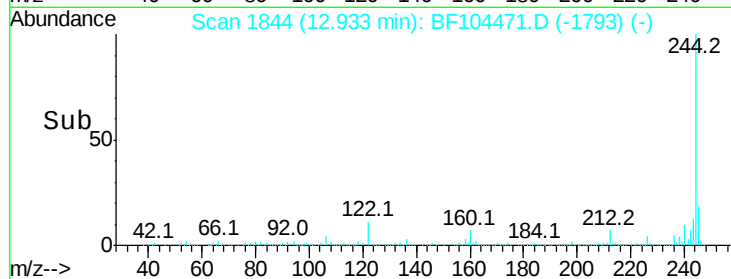
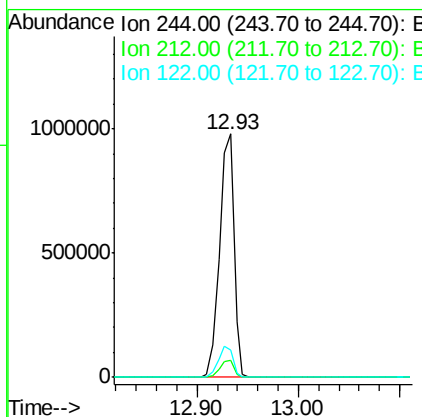
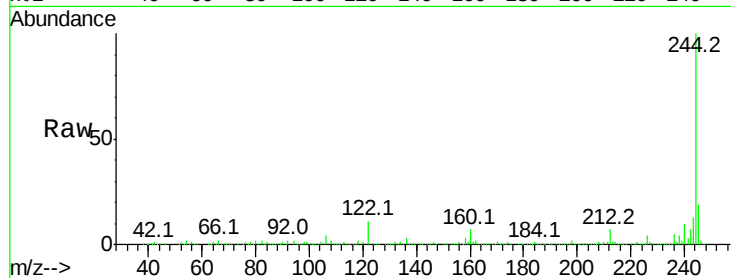




#78
 Terphenyl-d14
 Concen: 100.256 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF104471.D
 Acq: 13 Apr 2018 00:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 969891
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104471.D
 Acq: 13 Apr 2018 00:17

Tgt Ion:264 Resp: 155873
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.6 17.5 26.3

