

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104364.D
 Acq On : 9 Apr 2018 11:46
 Operator : JU/SJ
 Sample : J2184-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-1(1-3)

Quant Time: Apr 10 01:33:39 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

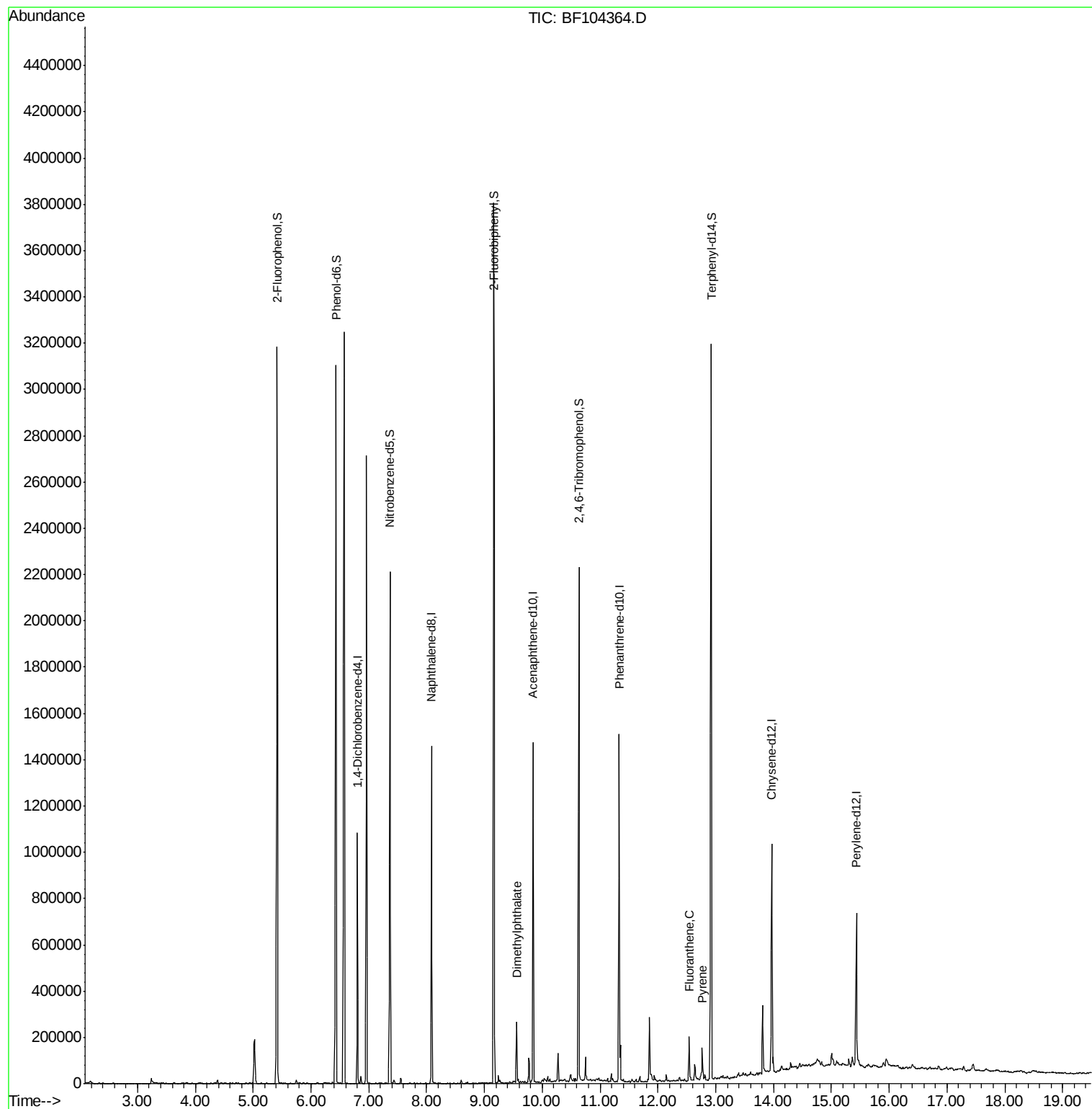
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	149004	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	599117	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	277175	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	484968	20.00	ng	0.00
75) Chrysene-d12	13.97	240	292376	20.00	ng	0.00
86) Perylene-d12	15.43	264	296069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1018930	104.56	ng	0.01
7) Phenol-d6	6.43	99	1231465	102.85	ng	0.00
23) Nitrobenzene-d5	7.37	82	751379	81.89	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	304829	106.02	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1229665	70.08	ng	0.00
78) Terphenyl-d14	12.92	244	1104530	86.13	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	97646	4.467	ng	99
74) Fluoranthene	12.54	202	67290	2.385	ng	98
77) Pyrene	12.77	202	49556	2.287	ng	97

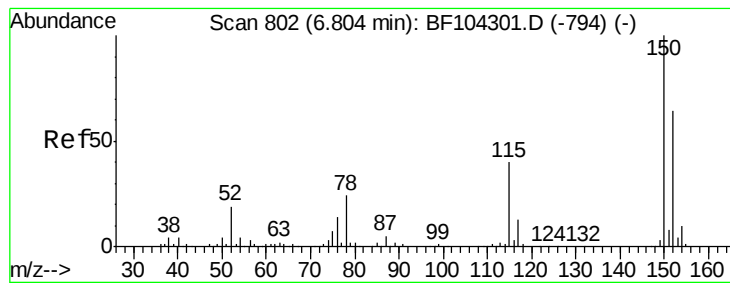
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF104364.D

Acq: 9 Apr 2018 11:46

Instrument :

BNA_F

ClientSampleId :

SB-2-1(1-3)

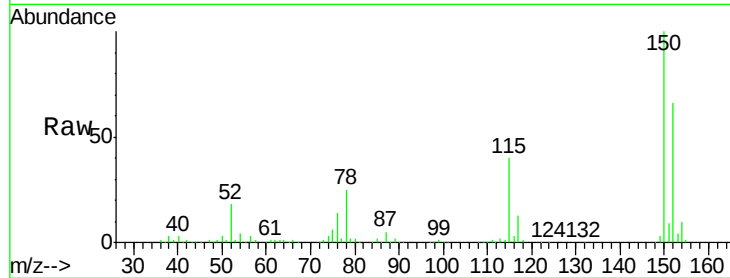
Tot Ion:152 Resp: 149004

Ion Ratio Lower Upper

152 100

150 151.6 124.6 186.8

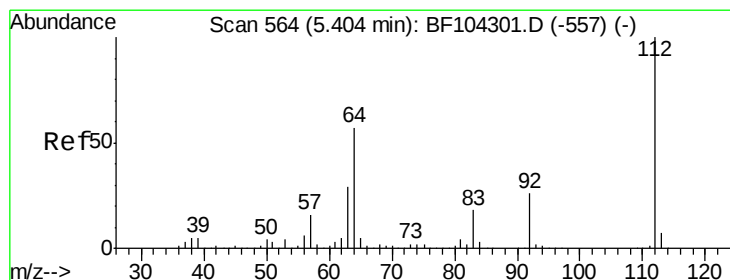
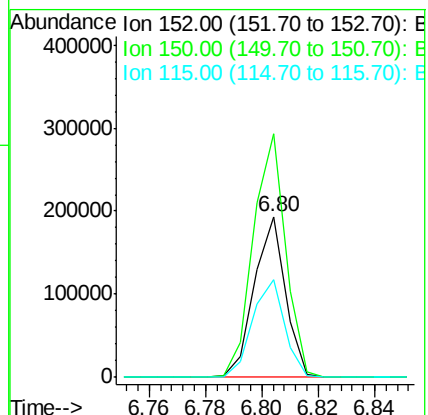
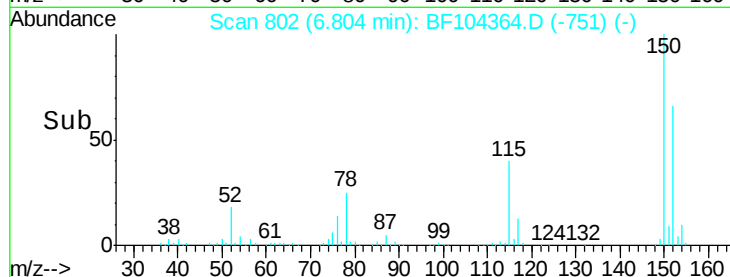
115 60.9 50.1 75.1



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: 104.561 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF104364.D

Acq: 9 Apr 2018 11:46

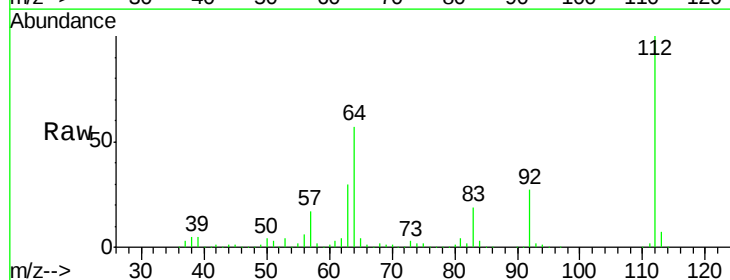
Tgt Ion:112 Resp: 1018930

Ion Ratio Lower Upper

112 100

64 57.1 47.9 71.9

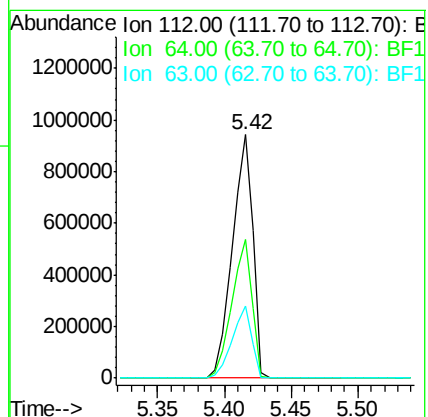
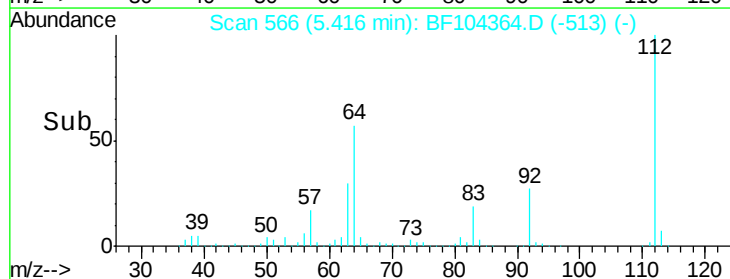
63 29.8 23.7 35.5



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: 102.851 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104364.D

Acq: 9 Apr 2018 11:46

Instrument :

BNA_F

ClientSampleId :

SB-2-1(1-3)

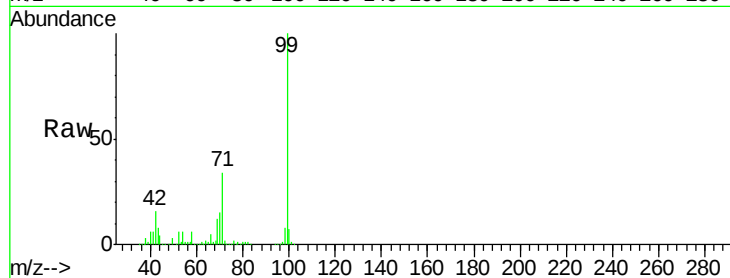
Tot Ion: 99 Resp: 1231465

Ion Ratio Lower Upper

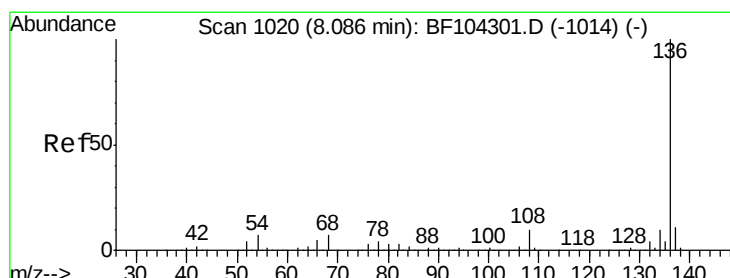
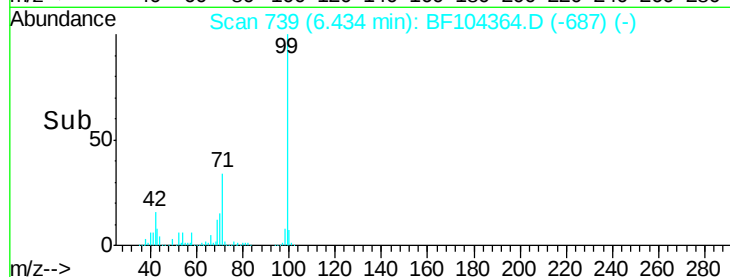
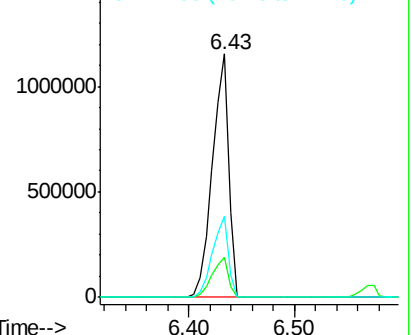
99 100

42 16.3 14.5 21.7

71 33.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104364.D

Acq: 9 Apr 2018 11:46

Tgt Ion: 136 Resp: 599117

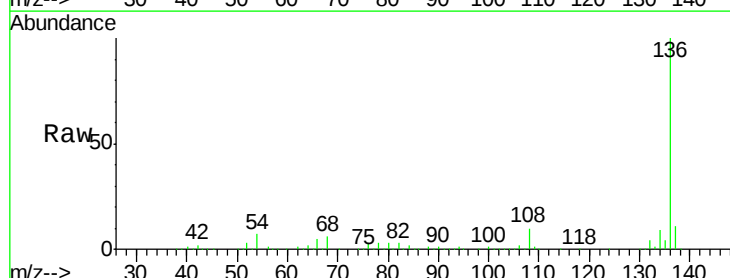
Ion Ratio Lower Upper

136 100

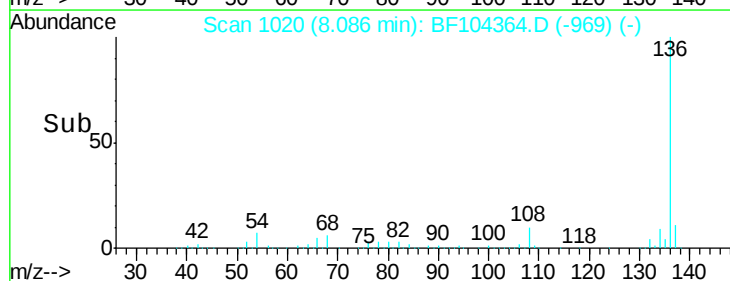
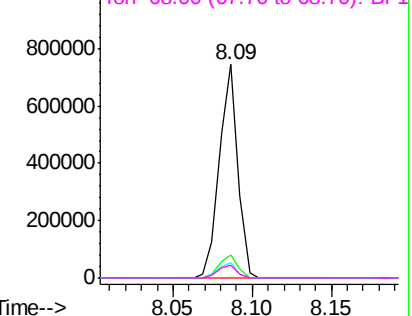
137 11.0 8.9 13.3

54 7.0 6.6 9.8

68 6.2 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

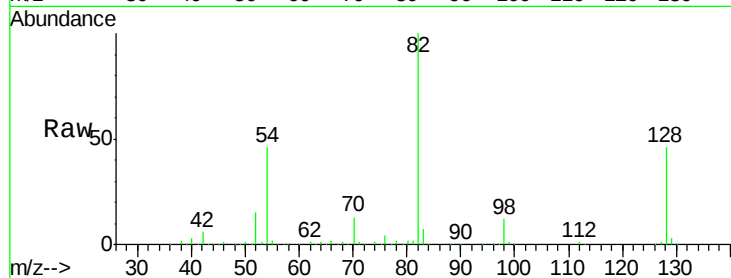




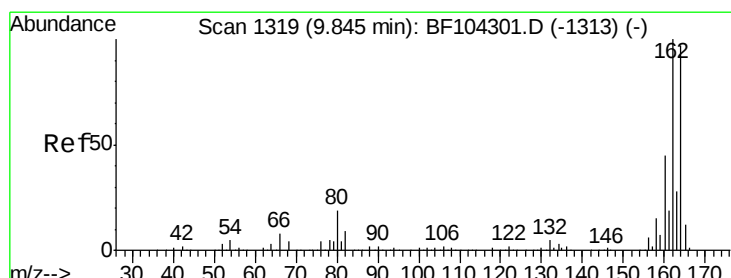
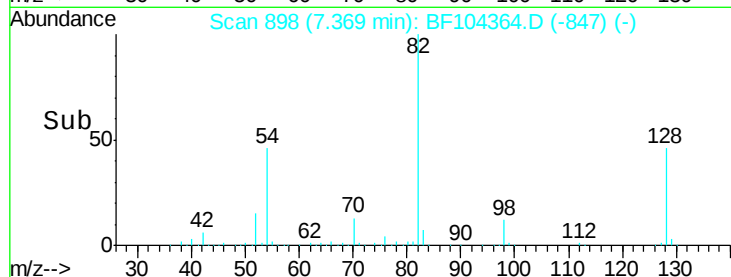
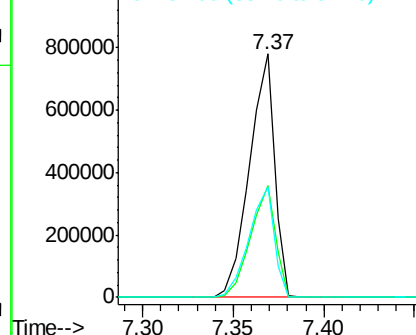
#23
 Nitrobenzene-d5
 Concen: 81.893 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF104364.D
 Acq: 9 Apr 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-1(1-3)

Tot Ion: 82 Resp: 751379
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.1 54.1
 54 45.5 41.4 62.2

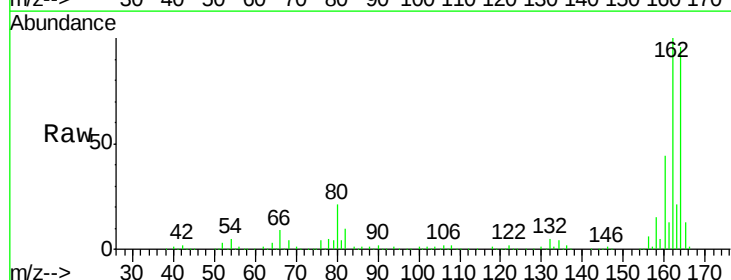


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

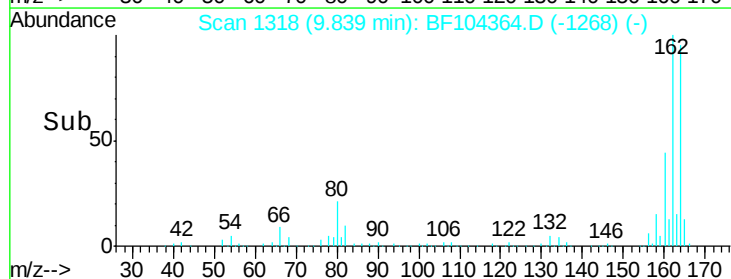
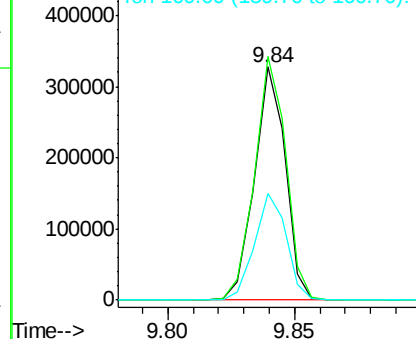


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104364.D
 Acq: 9 Apr 2018 11:46

Tgt Ion: 164 Resp: 277175
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 45.7 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

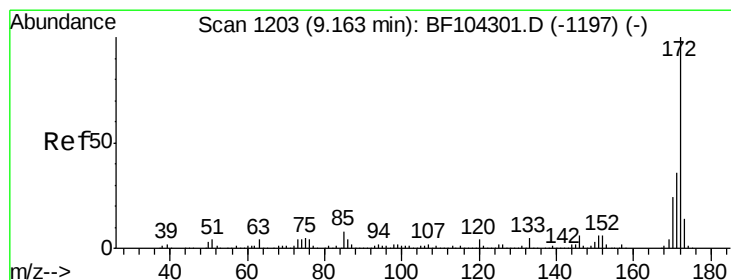
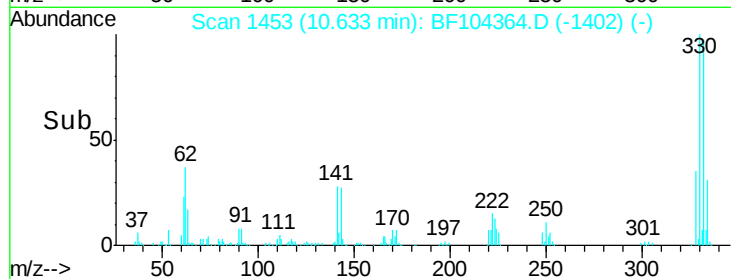
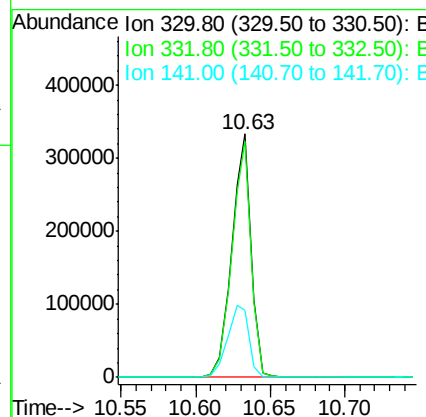
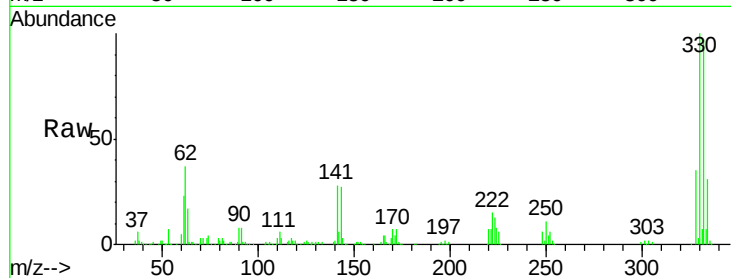




#41
 2,4,6-Tribromophenol
 Concen: 106.020 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF104364.D
 Acq: 9 Apr 2018 11:46

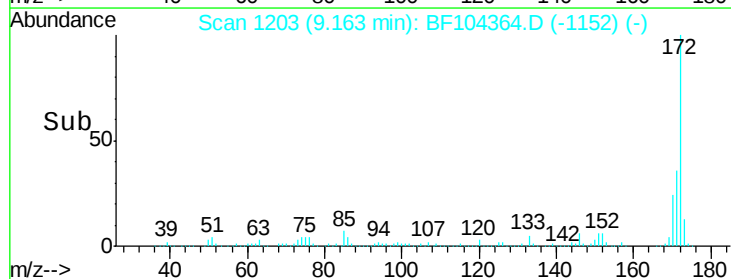
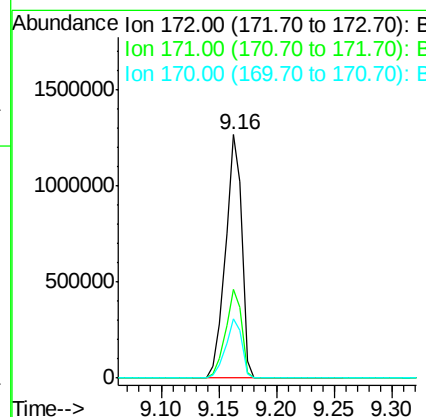
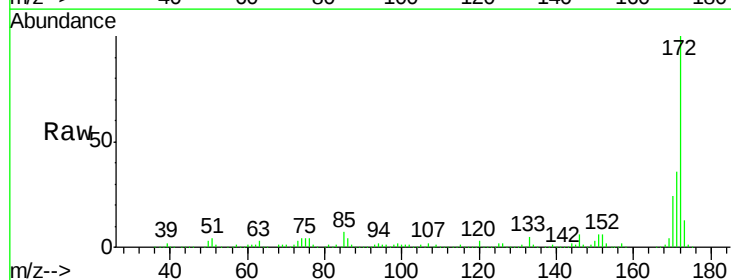
Instrument :
 BNA_F
 ClientSampleId :
 SB-2-1(1-3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	33.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 70.084 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104364.D
 Acq: 9 Apr 2018 11:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	19.6	29.4

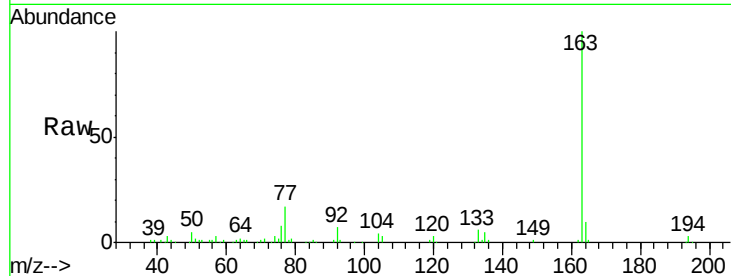




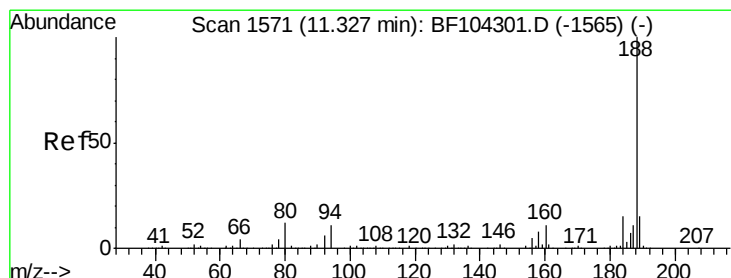
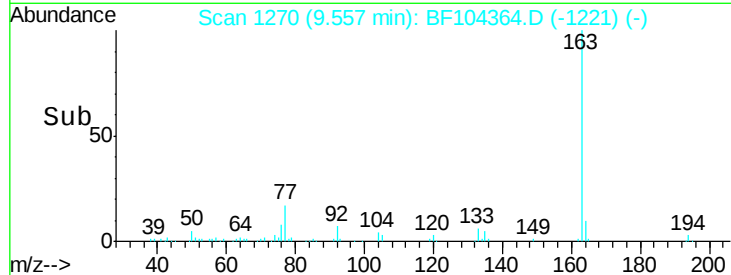
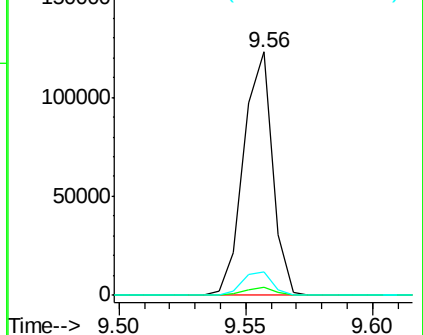
#49
Dimethylphthalate
Concen: 4.467 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104364.D
Acq: 9 Apr 2018 11:46

Instrument :
BNA_F
ClientSampleId :
SB-2-1(1-3)

Tot Ion:163 Resp: 97646
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.8 8.2 12.2

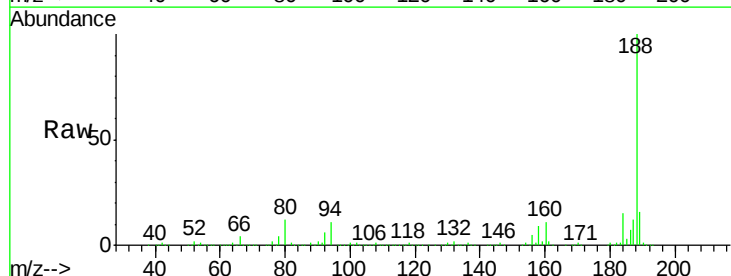


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

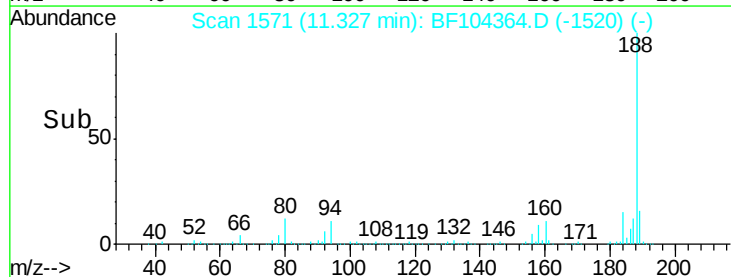
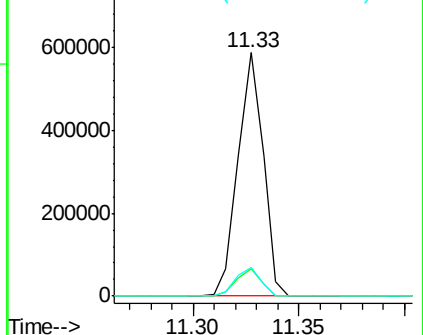


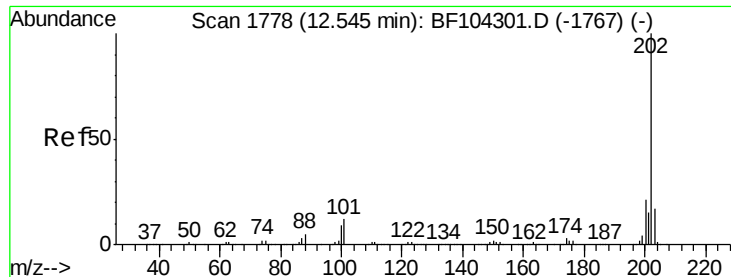
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104364.D
Acq: 9 Apr 2018 11:46

Tgt Ion:188 Resp: 484968
Ion Ratio Lower Upper
188 100
94 11.0 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





#74

Fluoranthene

Concen: 2.385 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF104364.D

Acq: 9 Apr 2018 11:46

Instrument :

BNA_F

ClientSampleId :

SB-2-1(1-3)

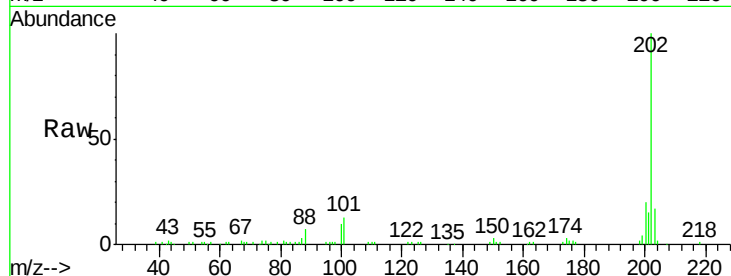
Tot Ion:202 Resp: 67290

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

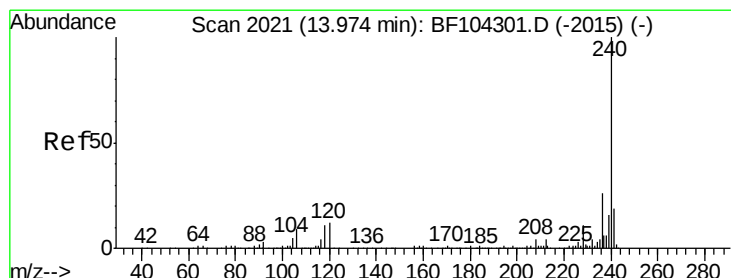
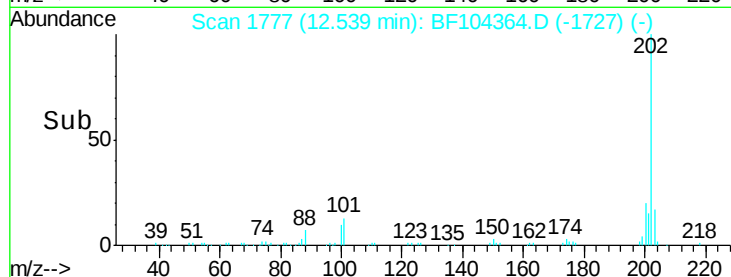
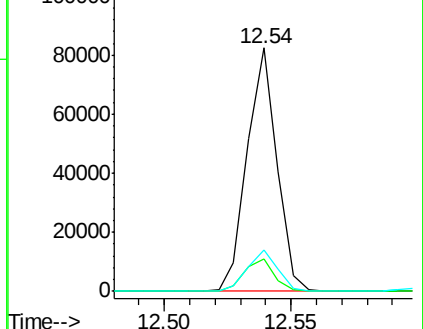
203 17.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104364.D

Acq: 9 Apr 2018 11:46

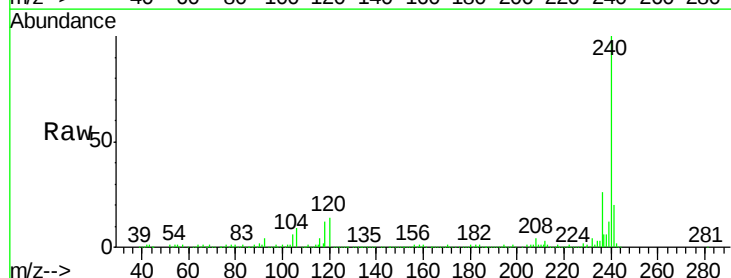
Tgt Ion:240 Resp: 292376

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3

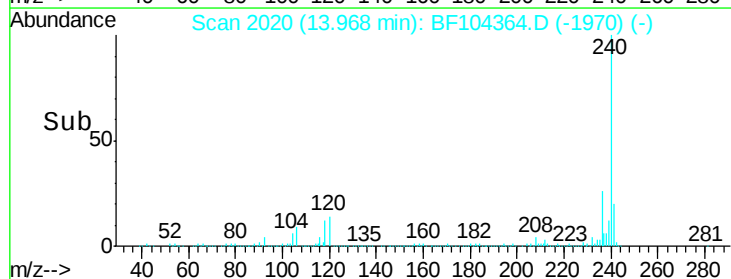
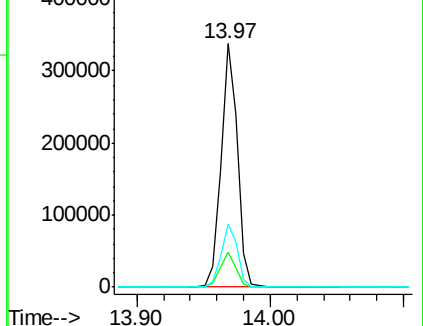
236 25.8 20.7 31.1

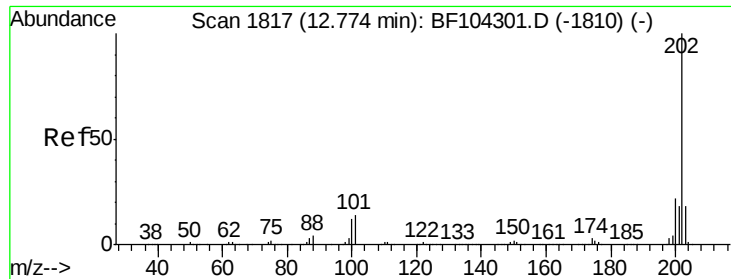


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

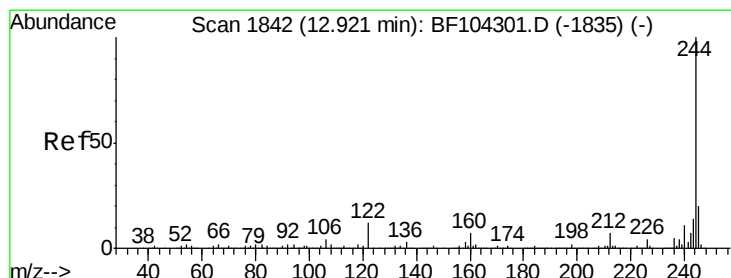
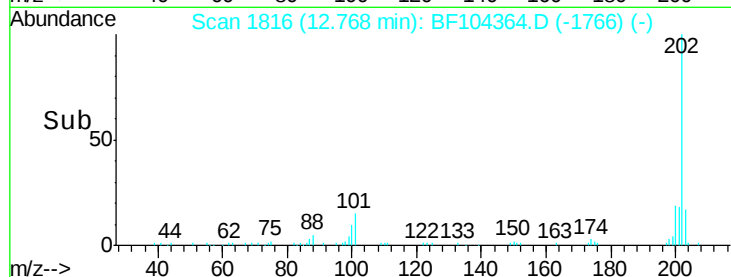
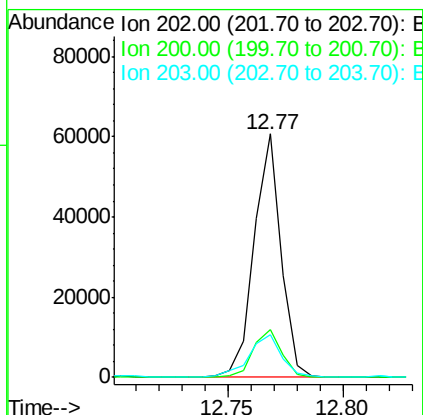
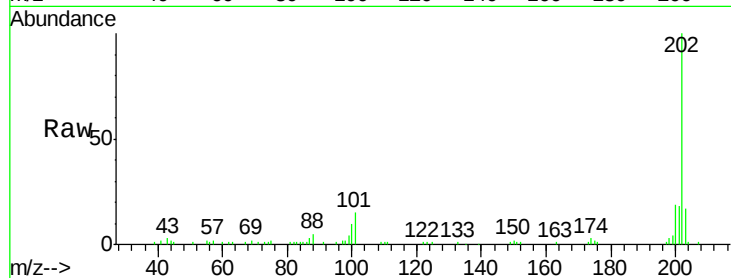




#77
Pvrene
Concen: 2.287 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF104364.D
Acq: 9 Apr 2018 11:46

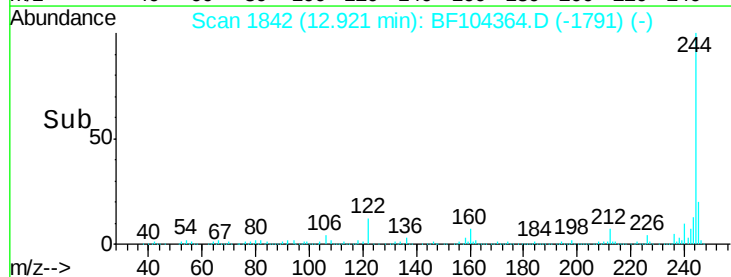
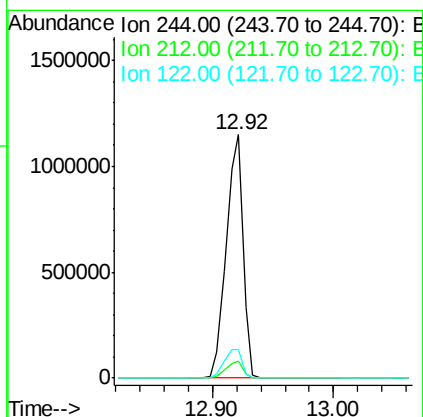
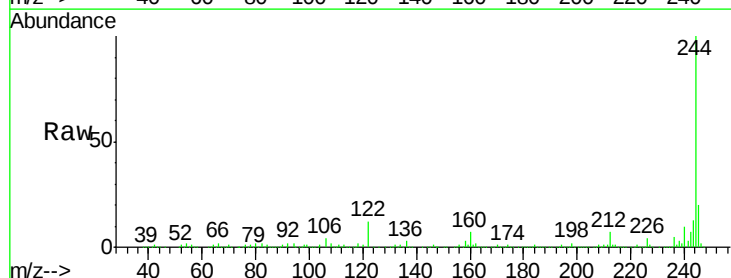
Instrument :
BNA_F
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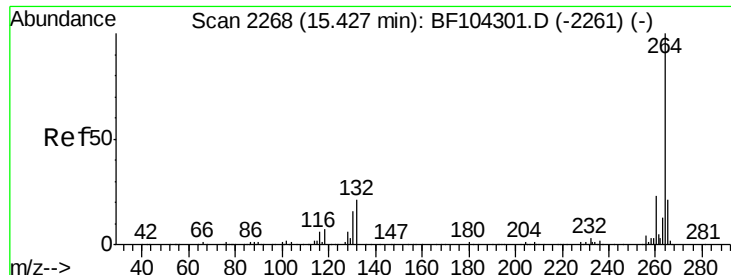
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.4	26.2
203	17.3	14.3	21.5



#78
Terphenyl-d14
Concen: 86.127 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104364.D
Acq: 9 Apr 2018 11:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.6	11.0	16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF104364.D
Acq: 9 Apr 2018 11:46

Instrument :
BNA_F
ClientSampleId :
SB-2-1(1-3)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	17.5	26.3

