

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081619\
 Data File : BN007231.D
 Acq On : 16 Aug 2019 20:01
 Operator : HP/JU
 Sample : K4336-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-190812

Quant Time: Aug 17 01:00:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 12:12:02 2019
 Response via : Initial Calibration

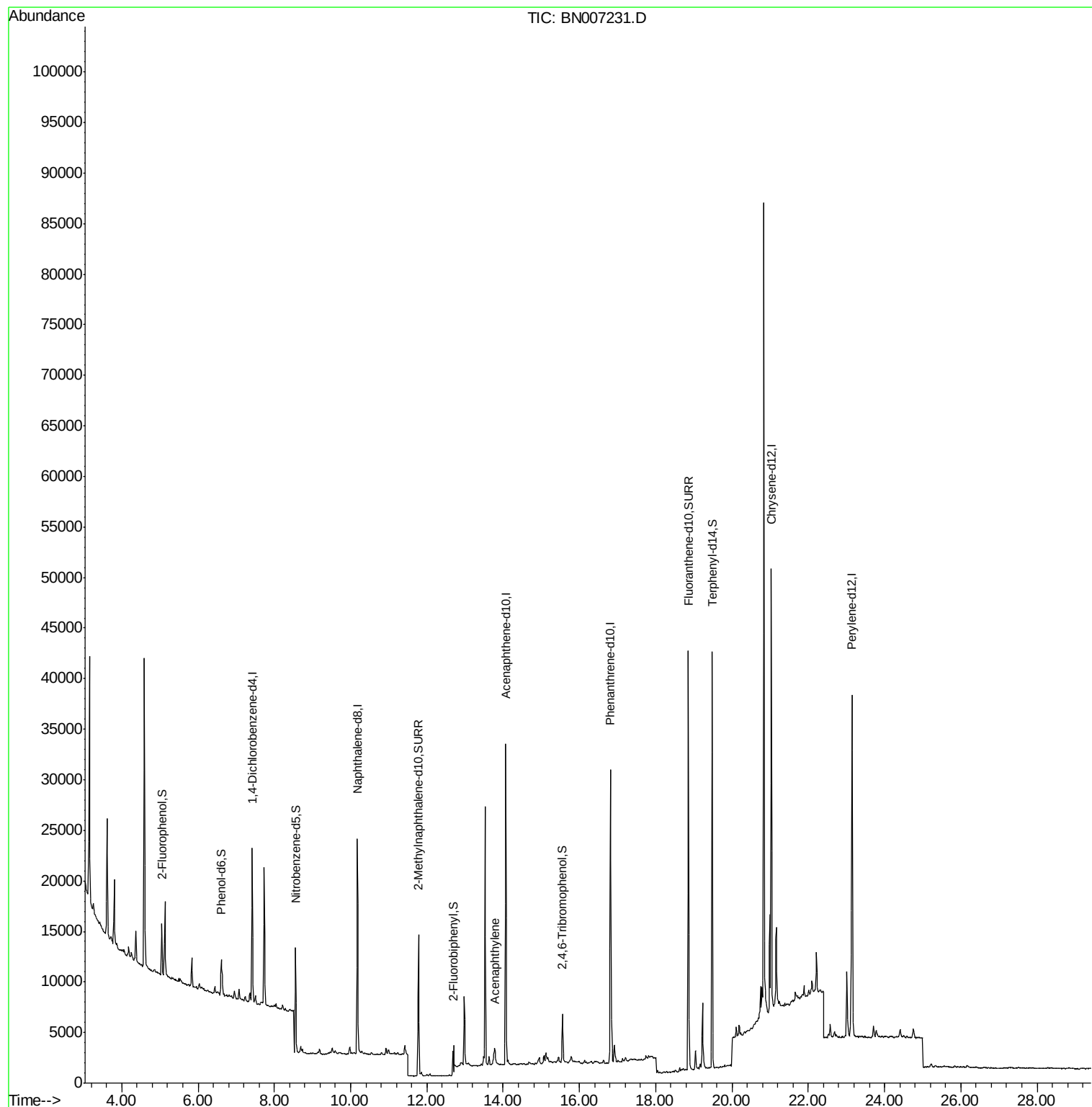
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	7492	0.40	ng	-0.02
6) Naphthalene-d8	10.17	136	29153	0.40	ng	-0.01
12) Acenaphthene-d10	14.07	164	16779	0.40	ng	-0.01
18) Phenanthrene-d10	16.81	188	38850	0.40	ng	-0.01
26) Chrysene-d12	21.03	240	37579	0.40	ng	-0.02
32) Perylene-d12	23.15	264	41285	0.40	ng	-0.02
System Monitoring Compounds						
3) 2-Fluorophenol	5.05	112	4053	0.23	ng	0.00
4) Phenol-d6	6.61	99	3247	0.15	ng	0.00
7) Nitrobenzene-d5	8.55	82	8727	0.37	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	19118	0.35	ng	-0.01
13) 2,4,6-Tribromophenol	15.56	330	3608	0.40	ng	-0.01
14) 2-Fluorobiphenyl	12.71	172	1516	0.06	ng	0.00
24) Fluoranthene-d10	18.86	212	47825	0.35	ng	-0.01
28) Terphenyl-d14	19.48	244	41836	0.41	ng	-0.02
Target Compounds						Qvalue
15) Acenaphthylene	13.78	152	4484	0.051	ng	98

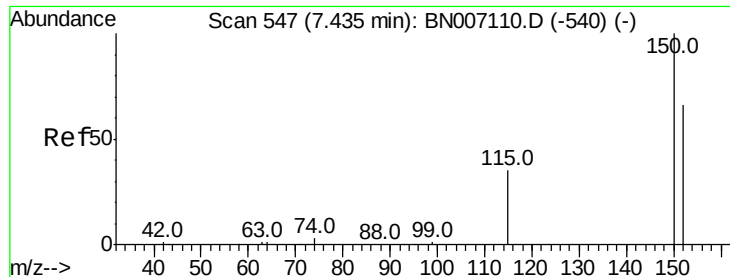
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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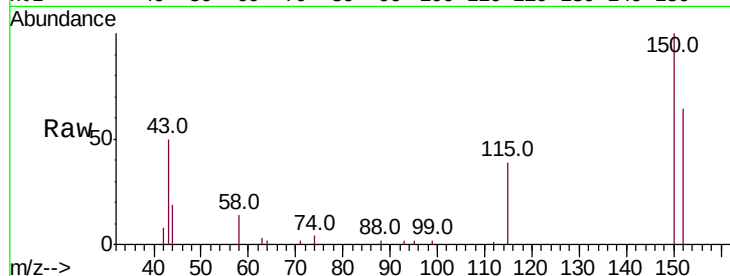


#1

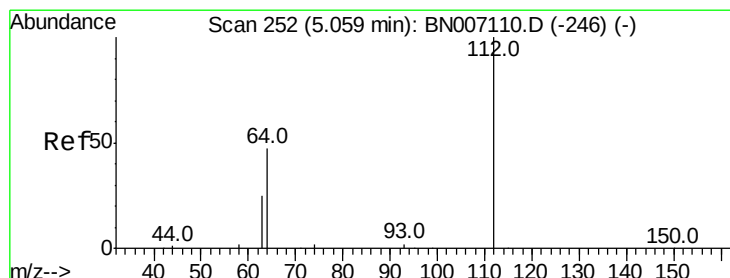
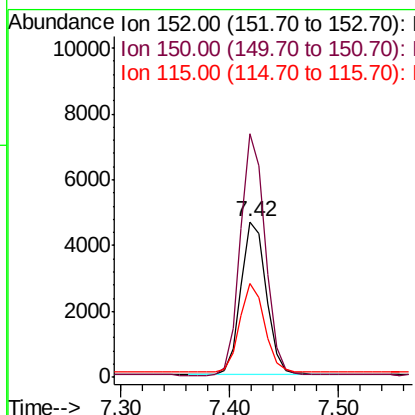
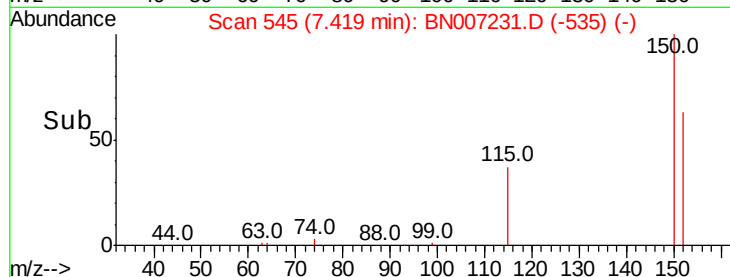
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.42 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BN007231.D
 Acq: 16 Aug 2019 20:01

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-190812

Tot Ion:152 Resp: 7492
 Ion Ratio Lower Upper
 152 100
 150 156.3 121.7 182.5
 115 60.4 46.2 69.4



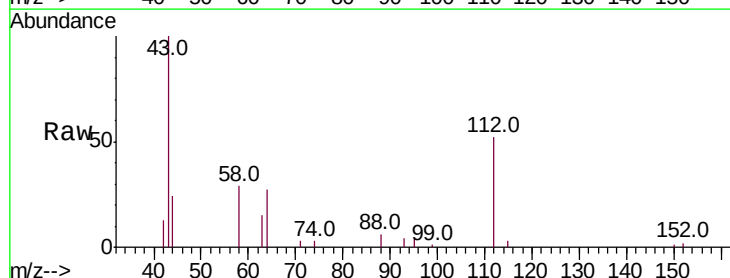
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



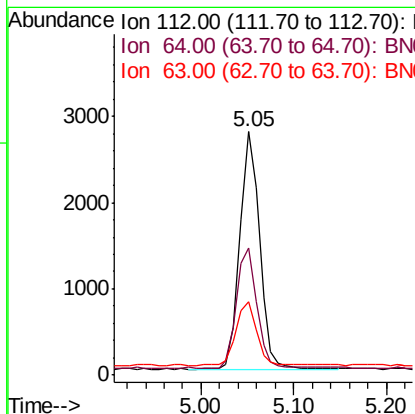
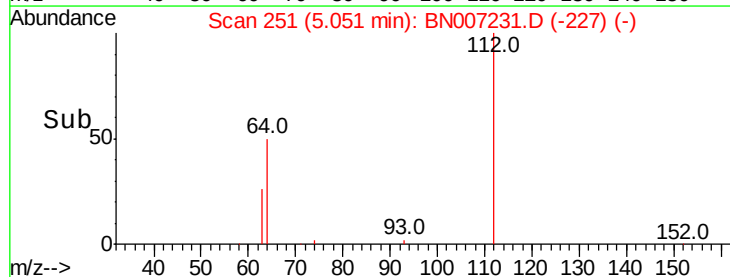
#3

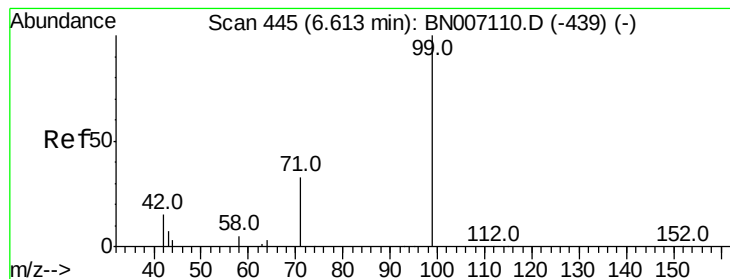
2-Fluorophenol
 Concen: 0.225 ng
 RT: 5.05 min Scan# 251
 Delta R.T. -0.01 min
 Lab File: BN007231.D
 Acq: 16 Aug 2019 20:01

Tgt Ion:112 Resp: 4053
 Ion Ratio Lower Upper
 112 100
 64 51.6 42.6 63.8
 63 28.0 22.2 33.2



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





#4

Phenol-d6

Concen: 0.146 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007231.D

Acq: 16 Aug 2019 20:01

Instrument :

BNA_N

ClientSampleId :

KY038PS038-190812

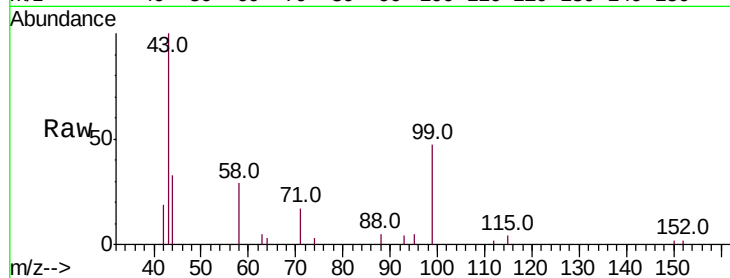
Tot Ion: 99 Resp: 3247

Ion Ratio Lower Upper

99 100

42 24.9 15.8 23.6#

71 36.8 27.0 40.4

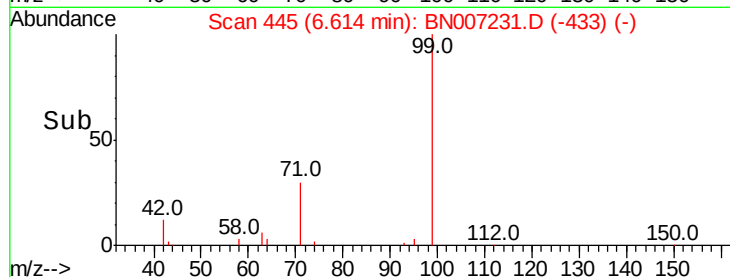


Abundance Ion 99.00 (98.70 to 99.70): BN007231.D (-797) (-)

Ion 42.00 (41.70 to 42.70): BN007231.D (-797) (-)

Ion 71.00 (70.70 to 71.70): BN007231.D (-797) (-)

Time--> 6.50 6.60 6.70

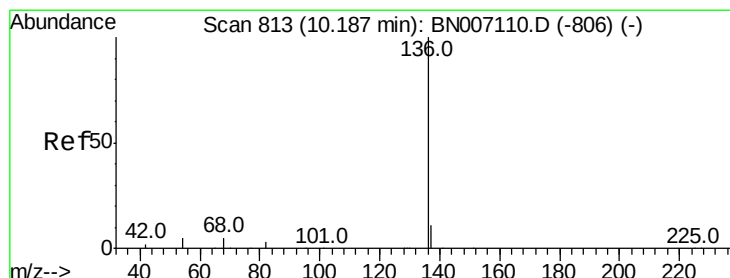


Abundance Ion 99.00 (98.70 to 99.70): BN007231.D (-797) (-)

Ion 42.00 (41.70 to 42.70): BN007231.D (-797) (-)

Ion 71.00 (70.70 to 71.70): BN007231.D (-797) (-)

Time--> 6.50 6.60 6.70



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN007231.D

Acq: 16 Aug 2019 20:01

Tgt Ion: 136 Resp: 29153

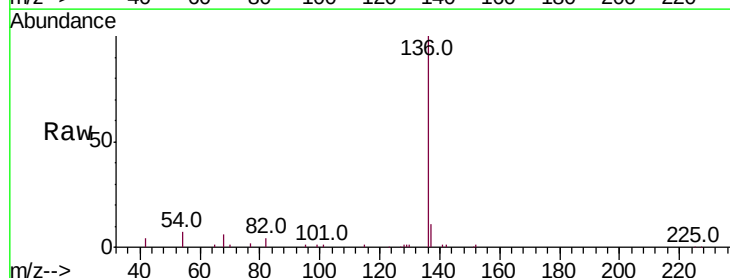
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.0

54 6.7 6.6 9.8

68 6.1 6.0 9.0



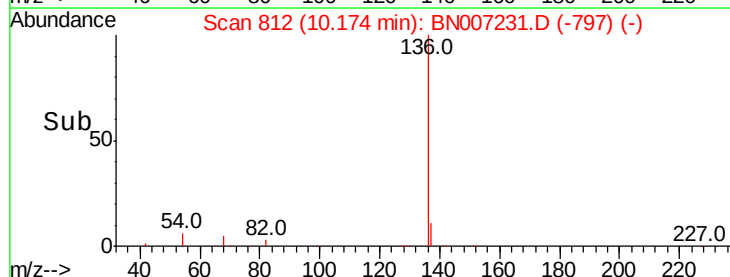
Abundance Ion 136.00 (135.70 to 136.70): BN007231.D (-797) (-)

Ion 137.00 (136.70 to 137.70): BN007231.D (-797) (-)

Ion 54.00 (53.70 to 54.70): BN007231.D (-797) (-)

Ion 68.00 (67.70 to 68.70): BN007231.D (-797) (-)

Time--> 10.00 10.20



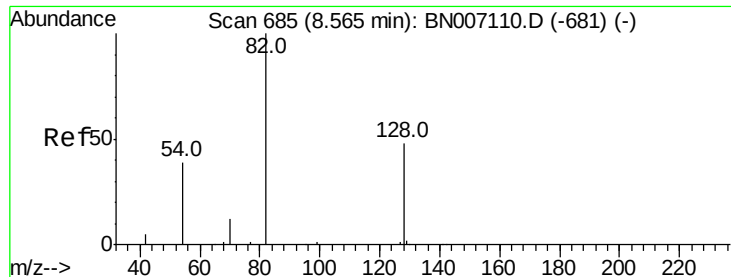
Abundance Ion 136.00 (135.70 to 136.70): BN007231.D (-797) (-)

Ion 137.00 (136.70 to 137.70): BN007231.D (-797) (-)

Ion 54.00 (53.70 to 54.70): BN007231.D (-797) (-)

Ion 68.00 (67.70 to 68.70): BN007231.D (-797) (-)

Time--> 10.00 10.20



#7

Nitrobenzene-d5

Concen: 0.371 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007231.D

Acq: 16 Aug 2019 20:01

Instrument :

BNA_N

ClientSampleId :

KY038PS038-190812

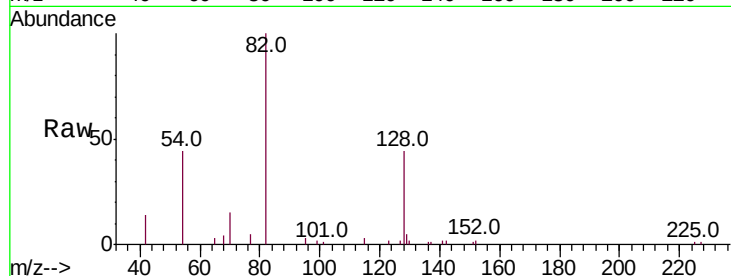
Tot Ion: 82 Resp: 8727

Ion Ratio Lower Upper

82 100

128 44.1 34.6 51.8

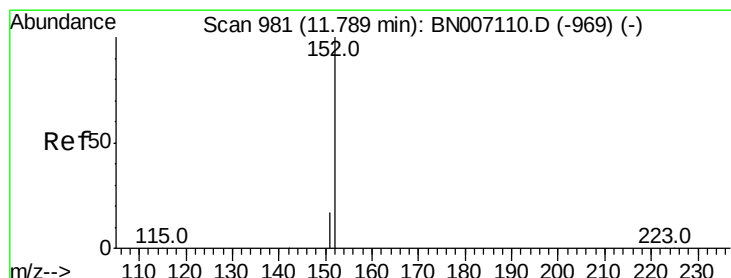
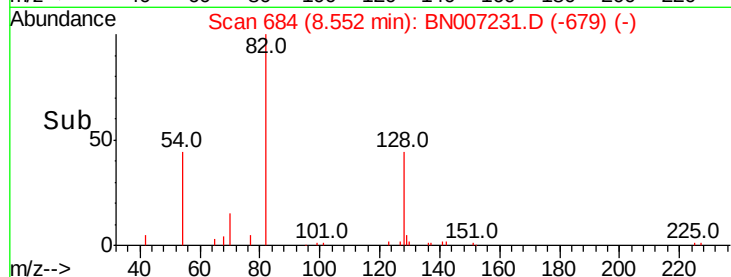
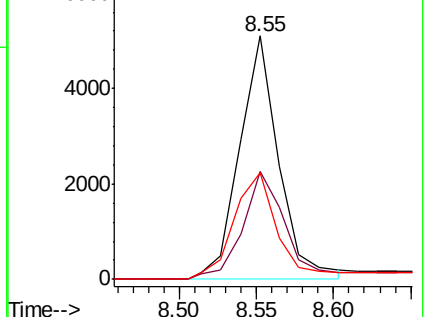
54 43.7 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#10

2-Methylnaphthalene-d10

Concen: 0.352 ng

RT: 11.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BN007231.D

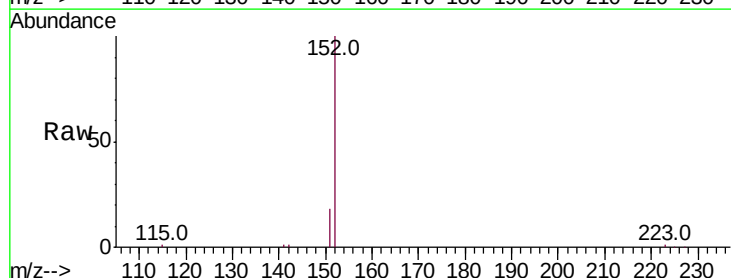
Acq: 16 Aug 2019 20:01

Tgt Ion: 152 Resp: 19118

Ion Ratio Lower Upper

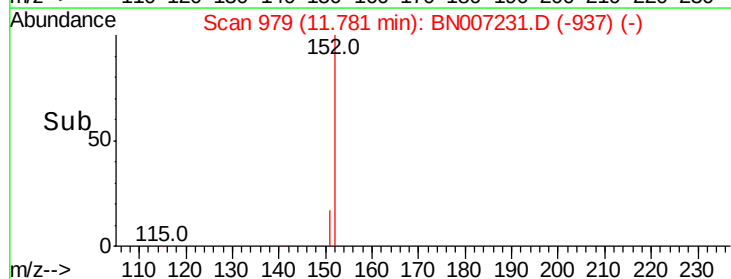
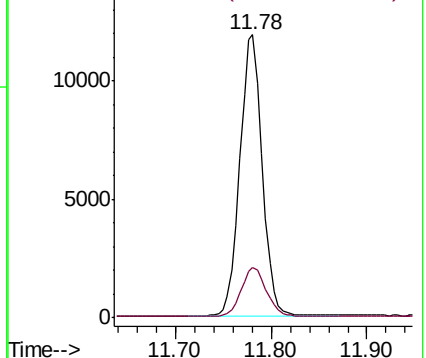
152 100

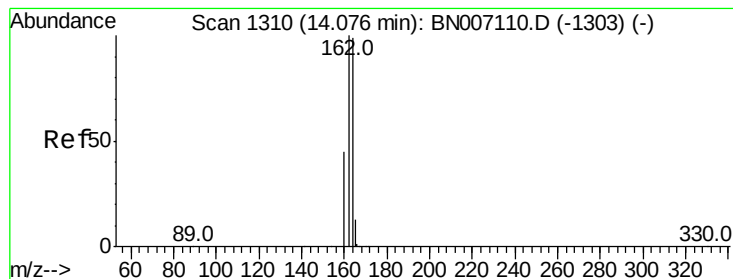
151 19.5 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.07 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN007231.D

Acq: 16 Aug 2019 20:01

Instrument :

BNA_N

ClientSampleId :

KY038PS038-190812

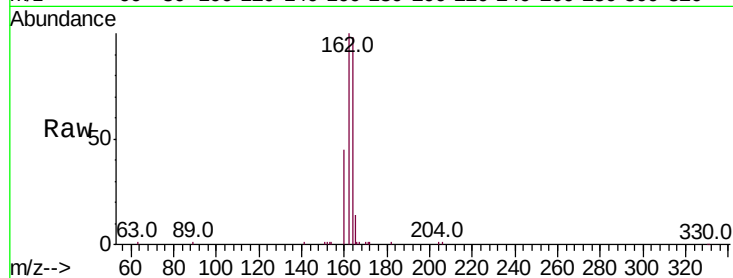
Tot Ion:164 Resp: 16779

Ion Ratio Lower Upper

164 100

162 101.7 82.2 123.4

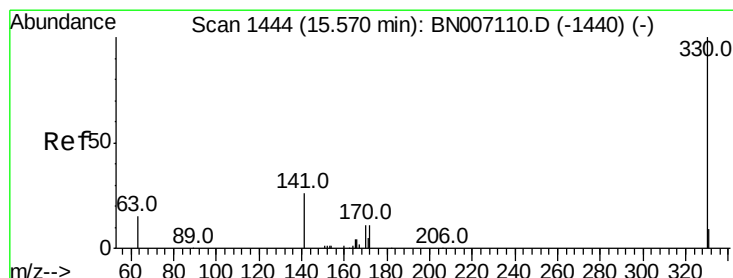
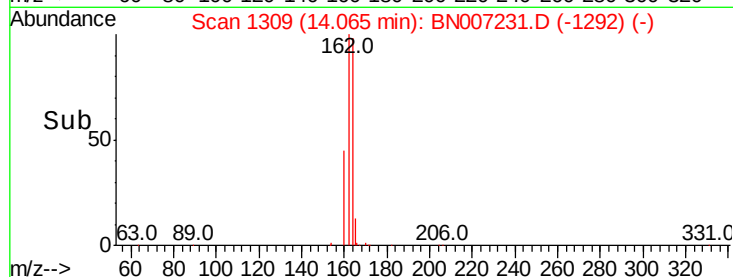
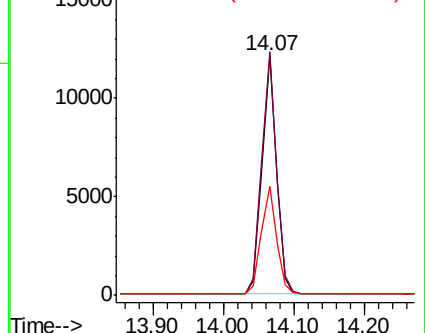
160 45.7 38.3 57.5



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



#13

2,4,6-Tribromophenol

Concen: 0.399 ng

RT: 15.56 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BN007231.D

Acq: 16 Aug 2019 20:01

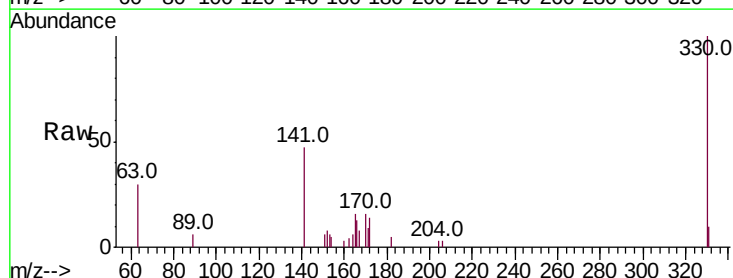
Tgt Ion:330 Resp: 3608

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

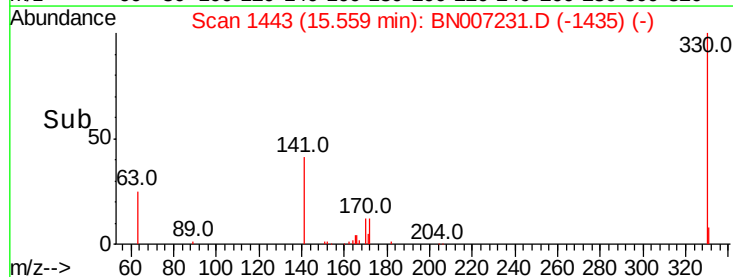
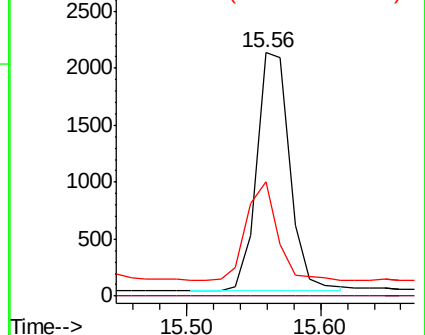
141 39.1 33.6 50.4

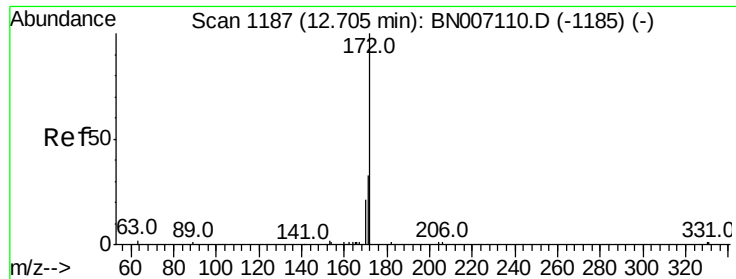


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

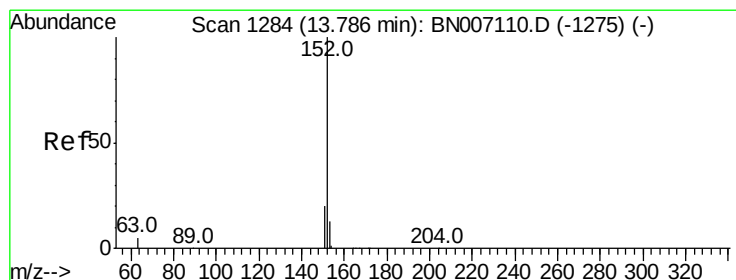
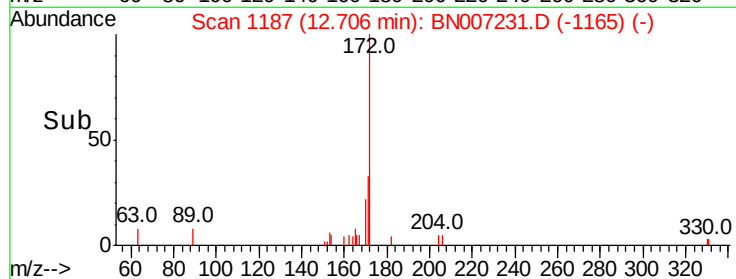
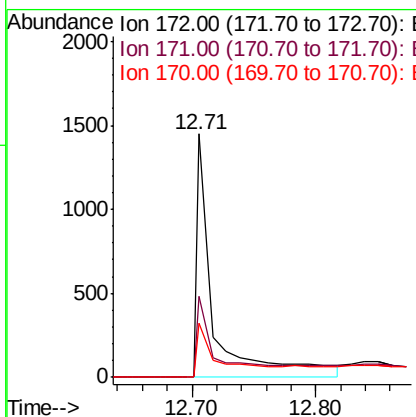
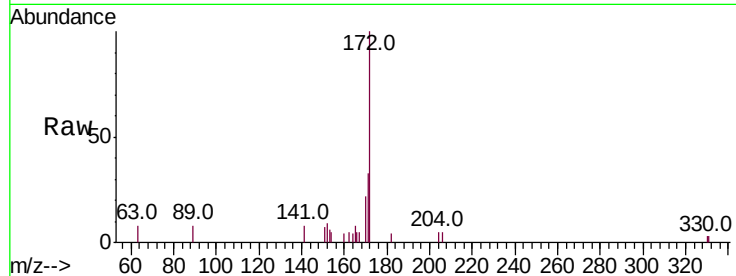




#14
2-Fluorobiphenyl
Concen: 0.062 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007231.D
Acq: 16 Aug 2019 20:01

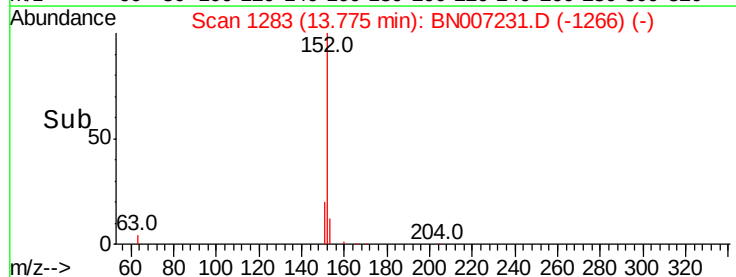
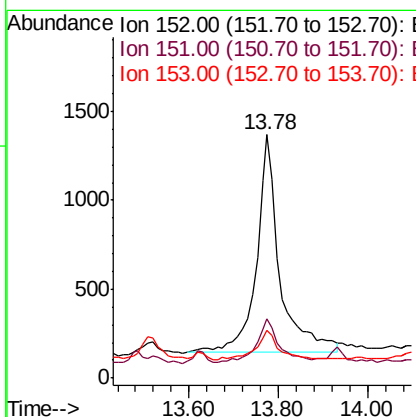
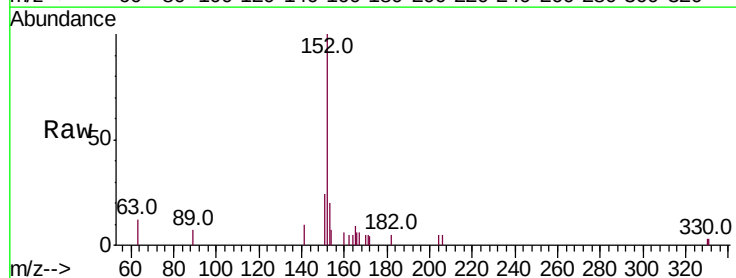
Instrument :
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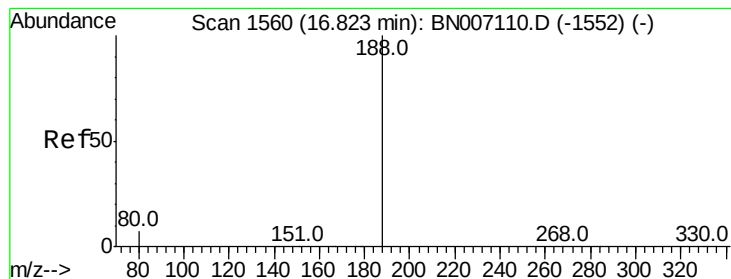
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.4	26.3	39.5
170	22.0	17.0	25.4



#15
Acenaphthylene
Concen: 0.051 ng
RT: 13.78 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BN007231.D
Acq: 16 Aug 2019 20:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.8	23.6
153	12.6	10.4	15.6





#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.81 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BN007231.D

Acq: 16 Aug 2019 20:01

Instrument :

BNA_N

ClientSampleId :

KY038PS038-190812

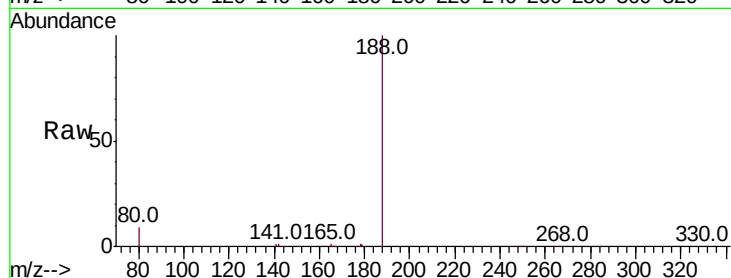
Tot Ion:188 Resp: 38850

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

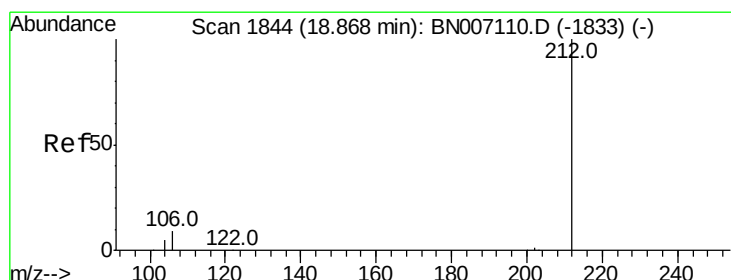
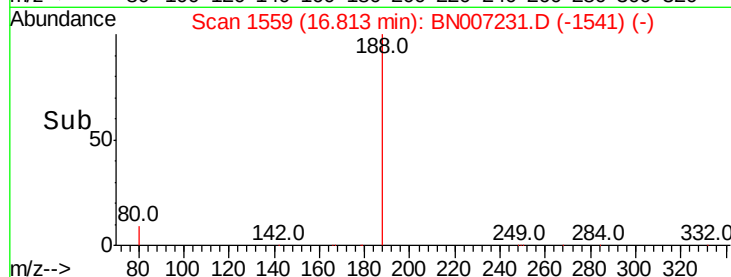
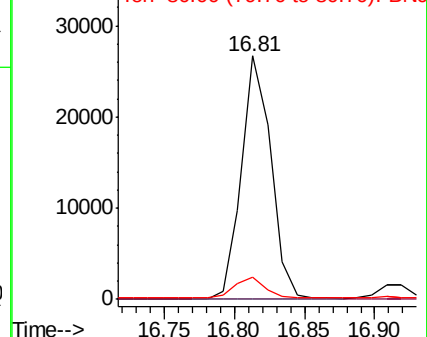
80 9.0 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#24

Fluoranthene-d10

Concen: 0.347 ng

RT: 18.86 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BN007231.D

Acq: 16 Aug 2019 20:01

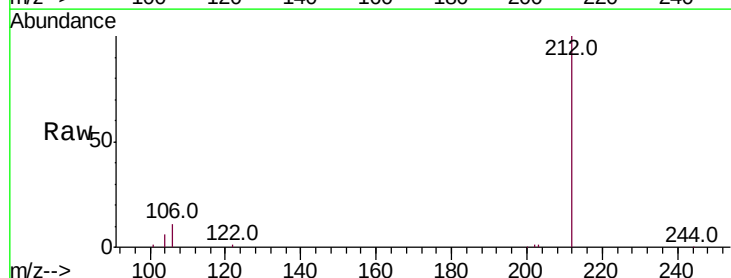
Tgt Ion:212 Resp: 47825

Ion Ratio Lower Upper

212 100

106 10.6 8.2 12.2

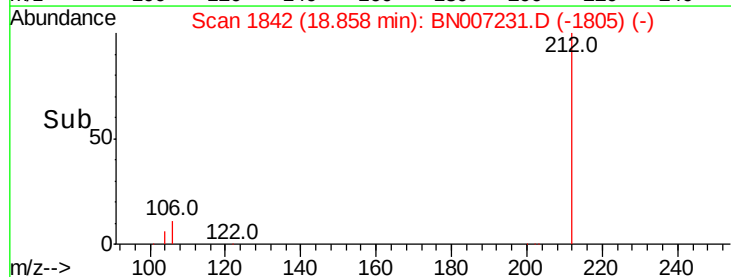
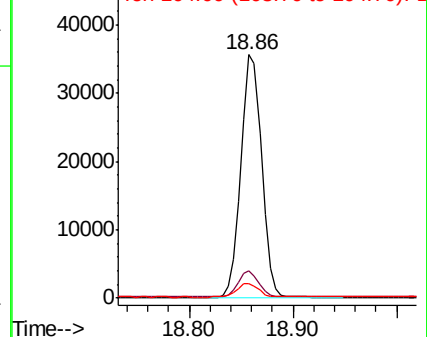
104 5.9 4.5 6.7

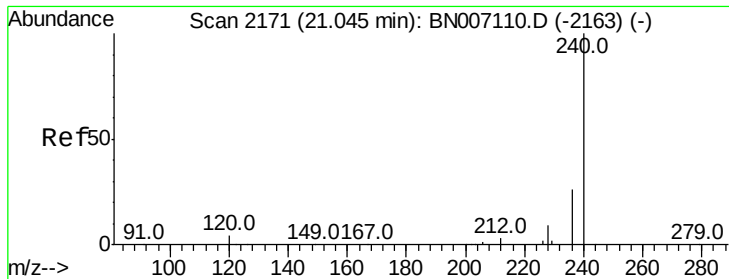


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.03 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BN007231.D

Acq: 16 Aug 2019 20:01

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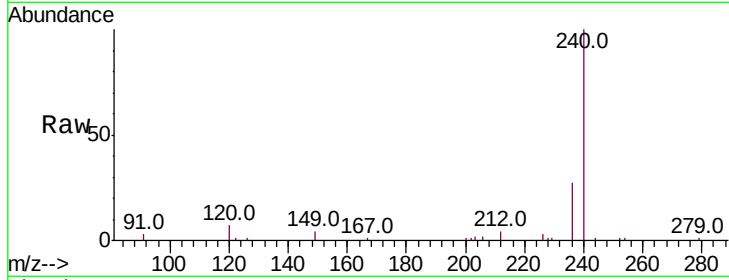
Tot Ion:240 Resp: 37579

Ion Ratio Lower Upper

240 100

120 7.3 4.0 6.0#

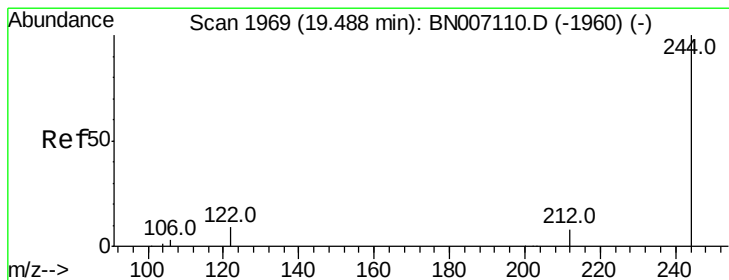
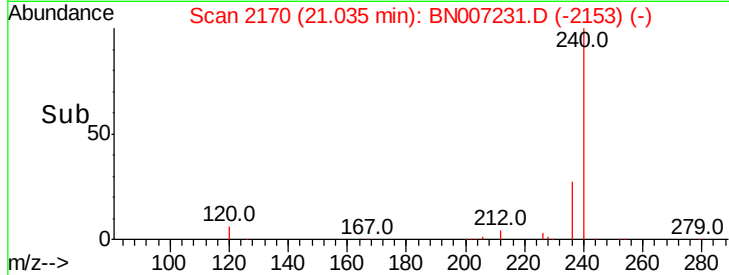
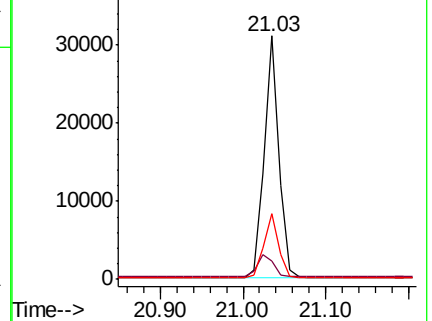
236 27.2 21.3 31.9



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



#28

Terphenyl-d14

Concen: 0.409 ng

RT: 19.48 min Scan# 1967

Delta R.T. -0.02 min

Lab File: BN007231.D

Acq: 16 Aug 2019 20:01

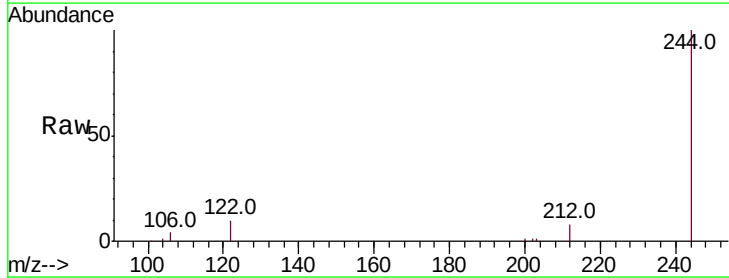
Tgt Ion:244 Resp: 41836

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

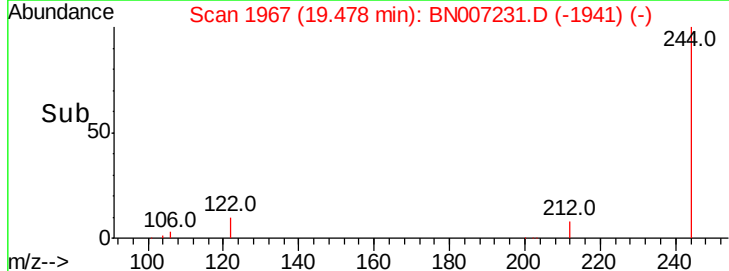
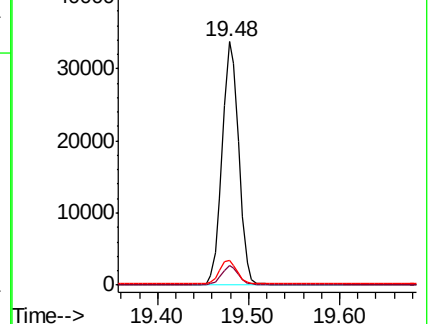
122 10.4 7.4 11.2

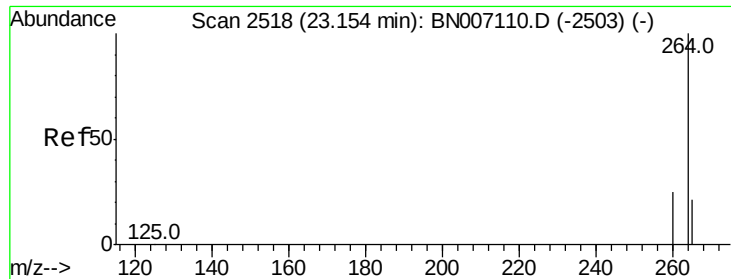


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

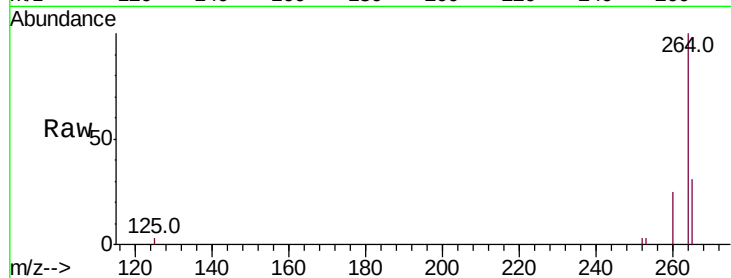




#32
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.15 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BN007231.D
 Acq: 16 Aug 2019 20:01

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-190812

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	31.1	26.2	39.4



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

