

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081319\
 Data File : BN007146.D
 Acq On : 13 Aug 2019 23:44
 Operator : HP/JU
 Sample : PB122169BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 14 03:15:12 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

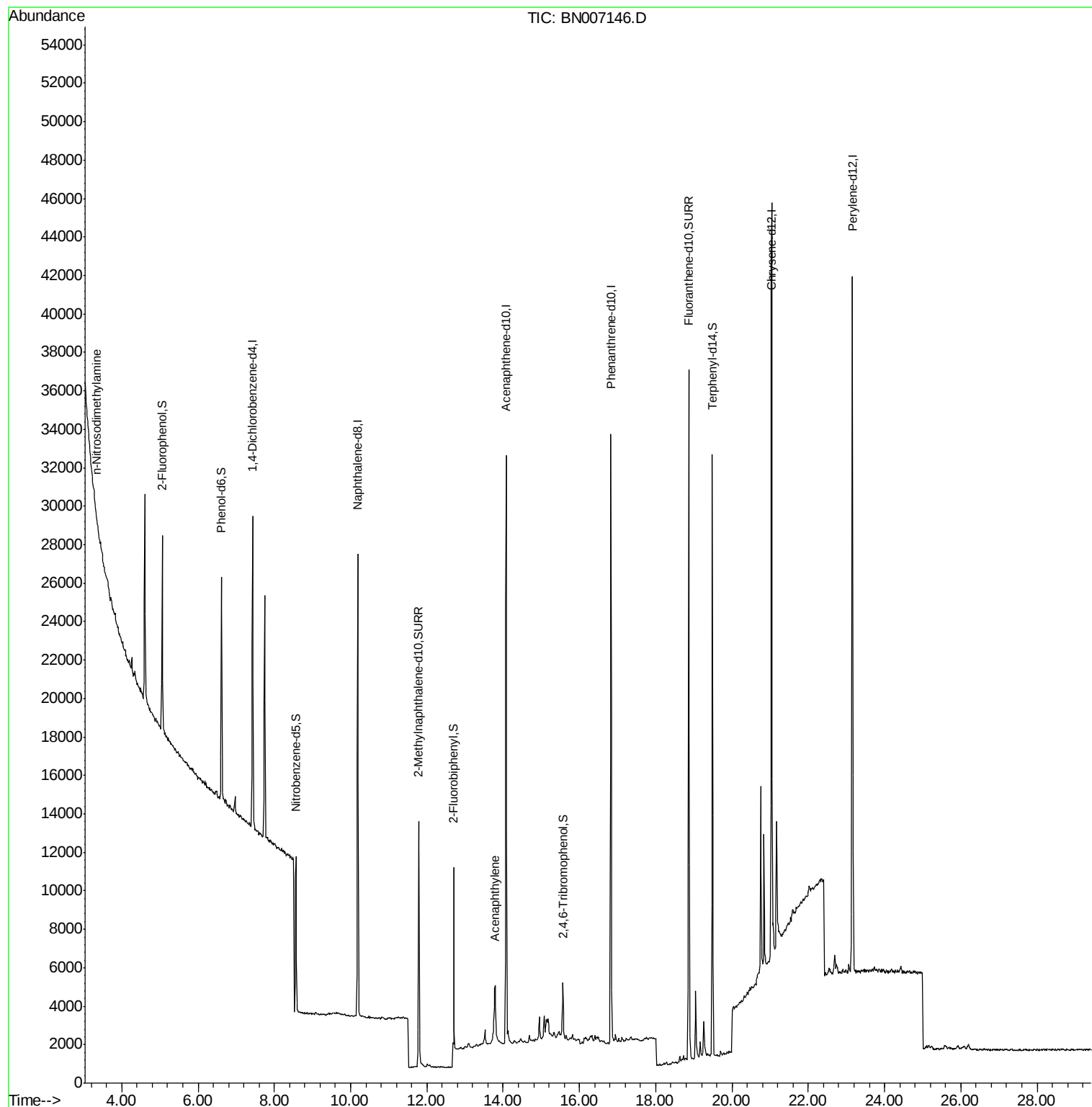
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	8152	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	31785	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	17852	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	40548	0.40	ng	0.00
26) Chrysene-d12	21.05	240	38735	0.40	ng	-0.01
32) Perylene-d12	23.15	264	43776	0.40	ng	-0.02
System Monitoring Compounds						
3) 2-Fluorophenol	5.06	112	7956	0.41	ng	0.00
4) Phenol-d6	6.61	99	10800	0.45	ng	0.00
7) Nitrobenzene-d5	8.56	82	7224	0.28	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	18292	0.31	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	2089	0.22	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	4614	0.18	ng	0.00
24) Fluoranthene-d10	18.87	212	41847	0.29	ng	0.00
28) Terphenyl-d14	19.49	244	32096	0.30	ng	-0.01
Target Compounds						
2) n-Nitrosodimethylamine	3.35	42	323	0.060	ng	Qvalue # 1
15) Acenaphthylene	13.79	152	8706	0.093	ng	98

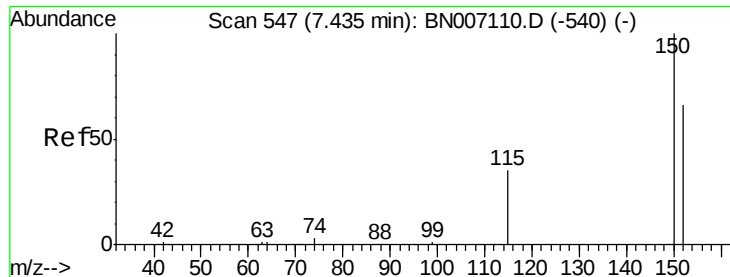
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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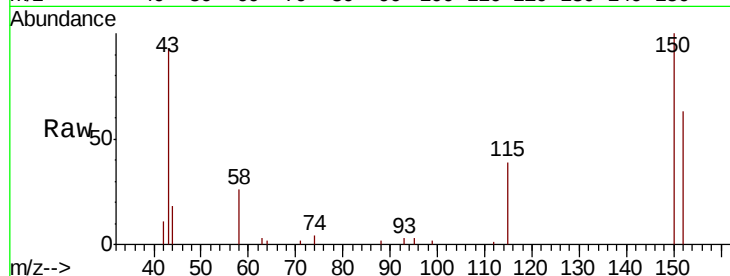


#1

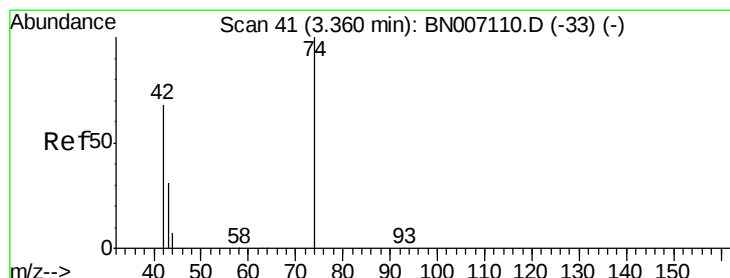
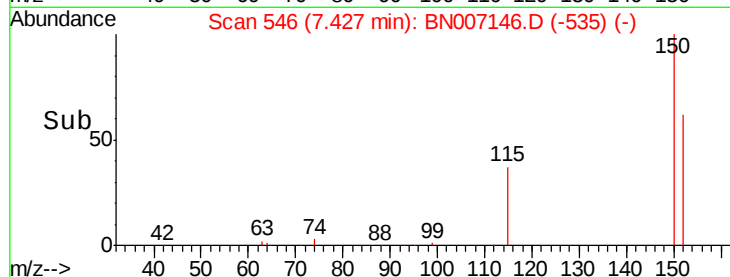
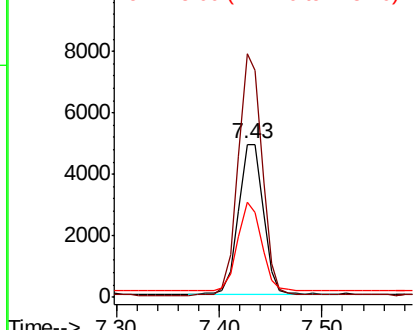
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007146.D
Acq: 13 Aug 2019 23:44

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 8152
Ion Ratio Lower Upper
152 100
150 159.1 121.7 182.5
115 62.3 46.2 69.4



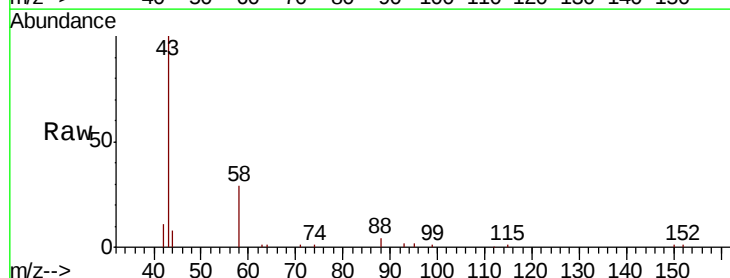
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



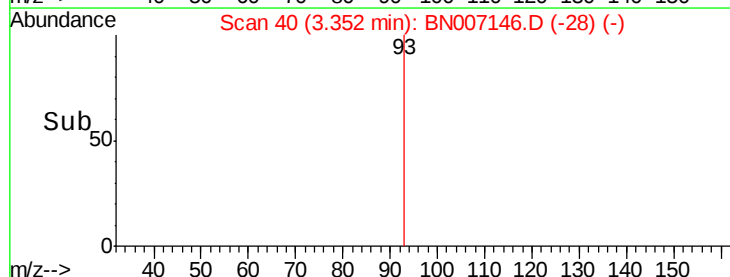
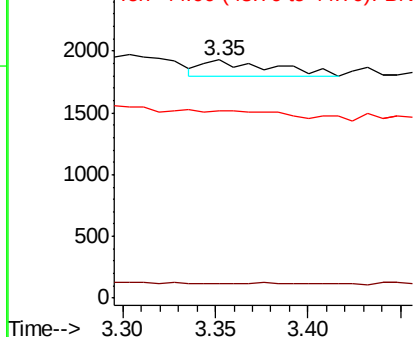
#2

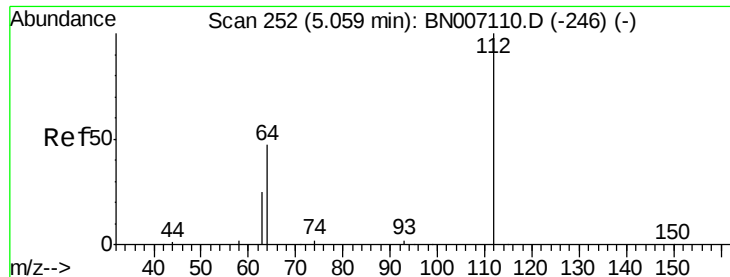
n-Nitrosodimethylamine
Concen: 0.060 ng
RT: 3.35 min Scan# 40
Delta R.T. -0.01 min
Lab File: BN007146.D
Acq: 13 Aug 2019 23:44

Tgt Ion: 42 Resp: 323
Ion Ratio Lower Upper
42 100
74 0.0 110.6 166.0#
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#3

2-Fluorophenol

Concen: 0.406 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007146.D

Acq: 13 Aug 2019 23:44

Instrument :

BNA_N

ClientSampleId :

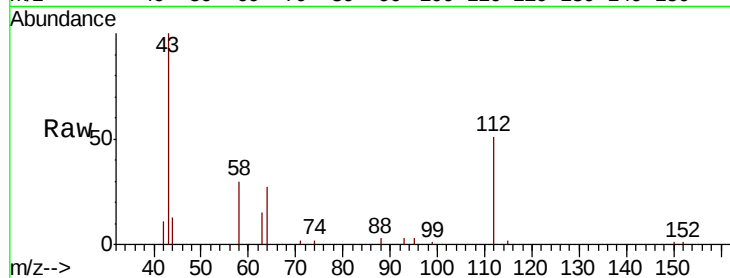
Tot Ion: 112 Resp: 7956

Ion Ratio Lower Upper

112 100

64 53.4 42.6 63.8

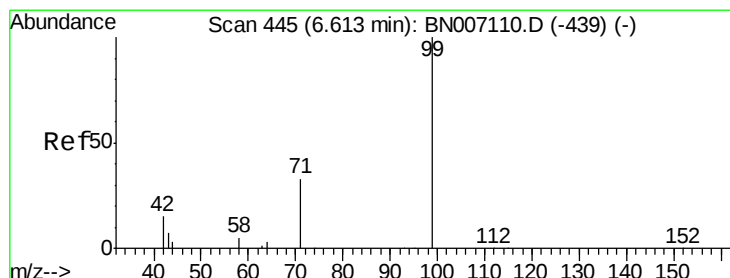
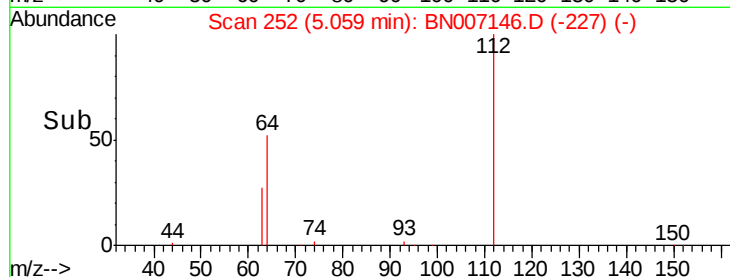
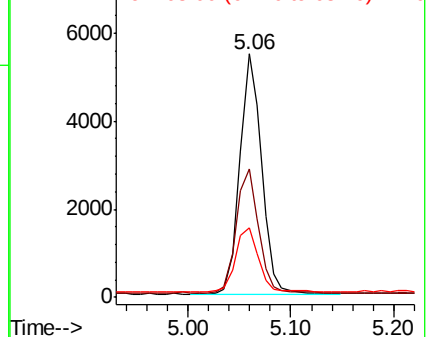
63 28.1 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#4

Phenol-d6

Concen: 0.445 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007146.D

Acq: 13 Aug 2019 23:44

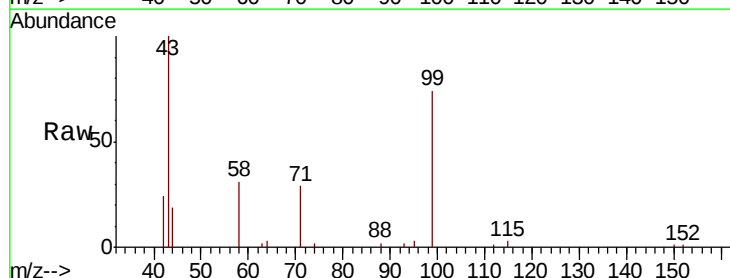
Tgt Ion: 99 Resp: 10800

Ion Ratio Lower Upper

99 100

42 16.9 15.8 23.6

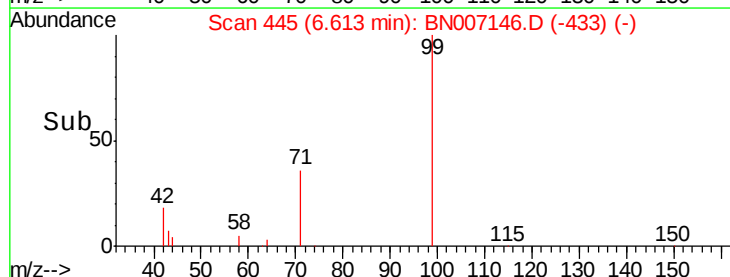
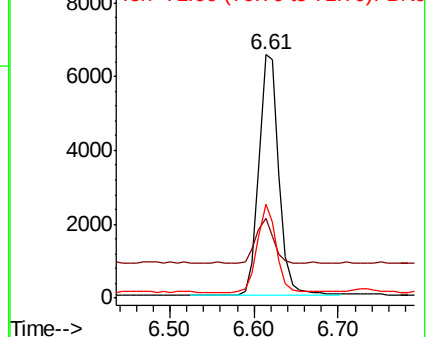
71 34.7 27.0 40.4

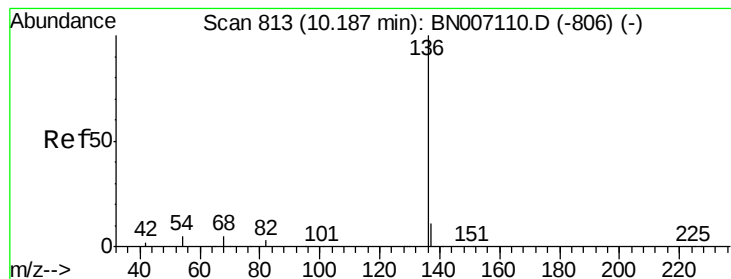


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007146.D

Acq: 13 Aug 2019 23:44

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 31785

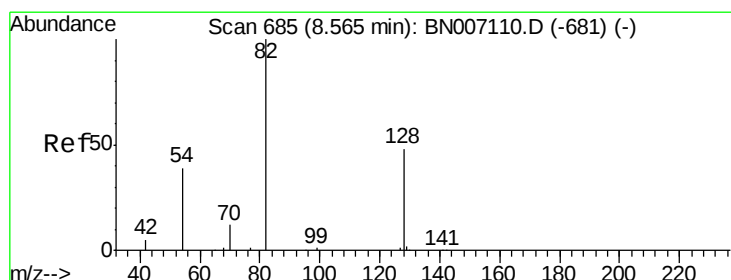
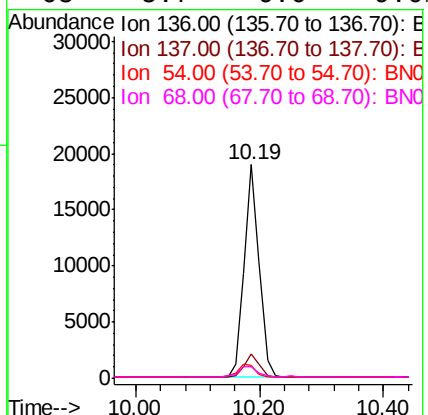
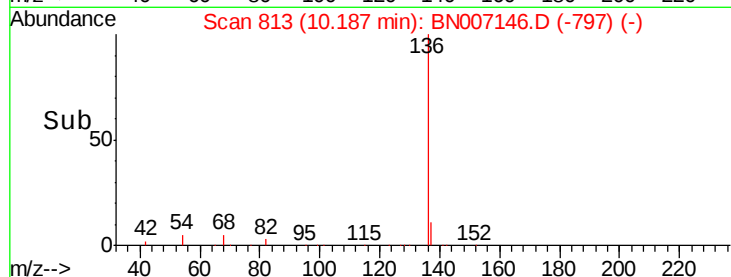
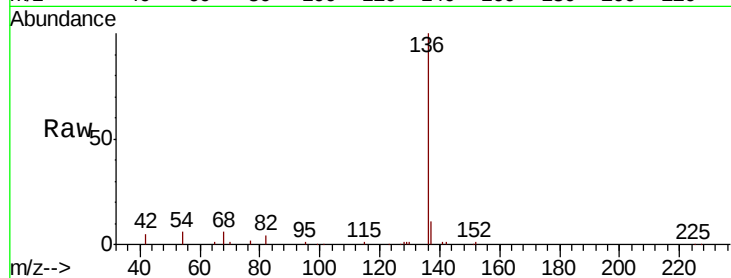
Ion Ratio Lower Upper

136 100

137 11.4 9.4 14.0

54 6.0 6.6 9.8#

68 5.7 6.0 9.0#



#7

Nitrobenzene-d5

Concen: 0.282 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007146.D

Acq: 13 Aug 2019 23:44

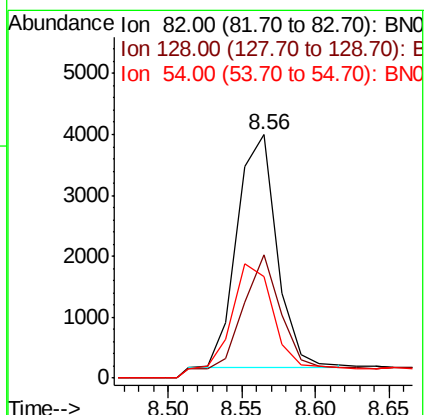
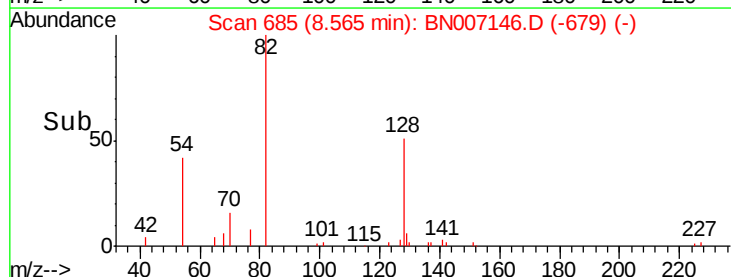
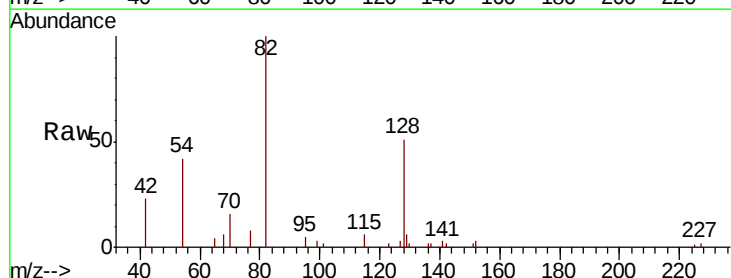
Tgt Ion: 82 Resp: 7224

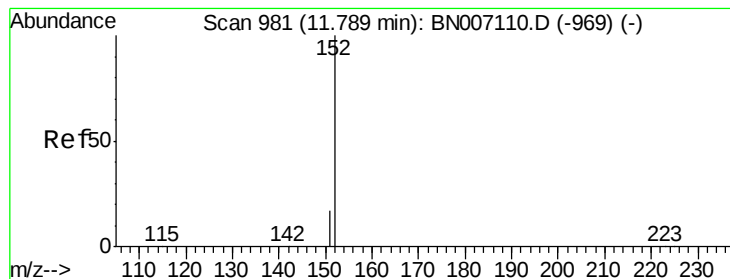
Ion Ratio Lower Upper

82 100

128 50.8 34.6 51.8

54 41.7 36.2 54.4





#10

2-Methylnaphthalene-d10

Concen: 0.309 ng

RT: 11.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BN007146.D

Acq: 13 Aug 2019 23:44

Instrument :

BNA_N

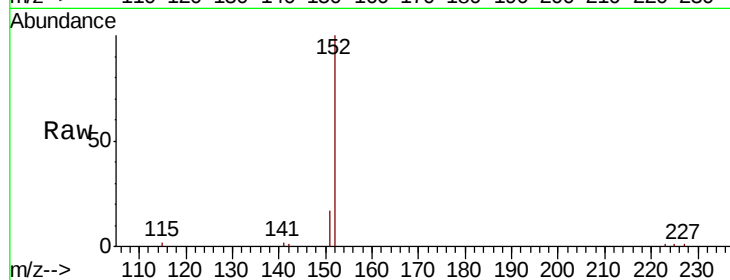
ClientSampleId :

Tot Ion:152 Resp: 18292

Ion Ratio Lower Upper

152 100

151 19.2 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.79

12000

10000

8000

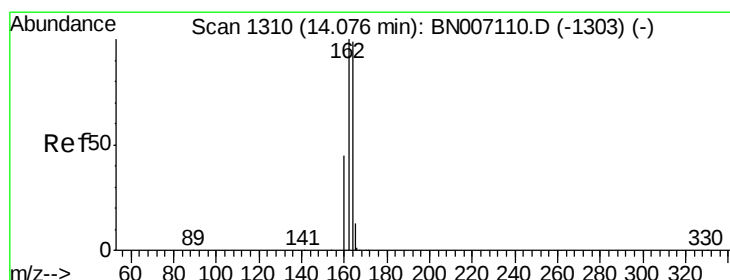
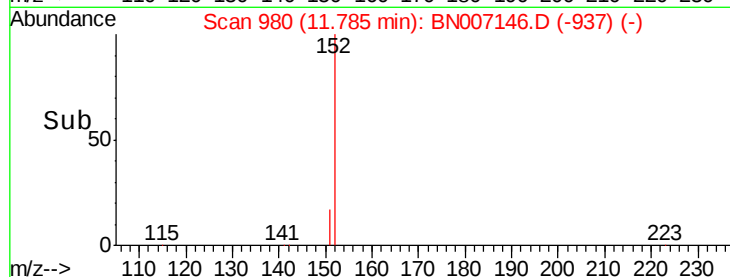
6000

4000

2000

0

Time-->



#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007146.D

Acq: 13 Aug 2019 23:44

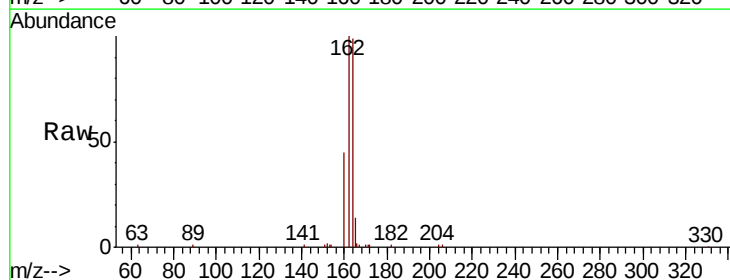
Tgt Ion:164 Resp: 17852

Ion Ratio Lower Upper

164 100

162 100.9 82.2 123.4

160 45.2 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

14.08

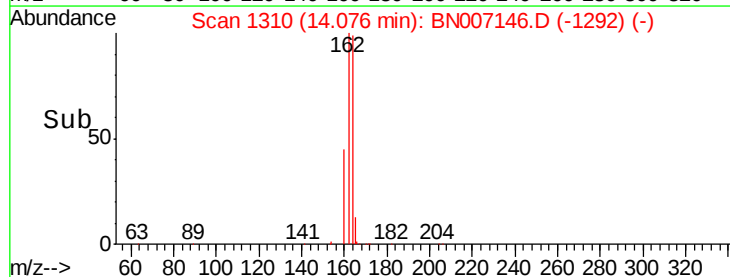
15000

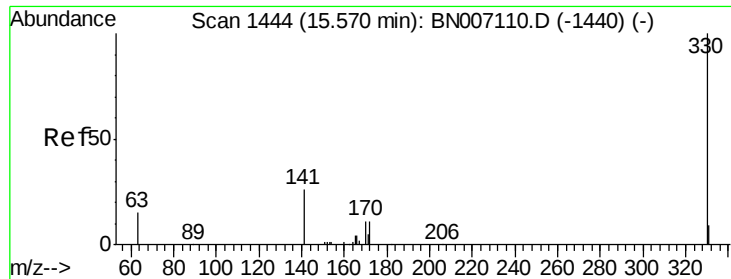
10000

5000

0

Time-->

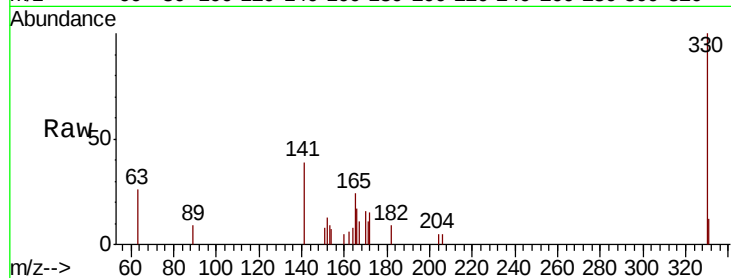




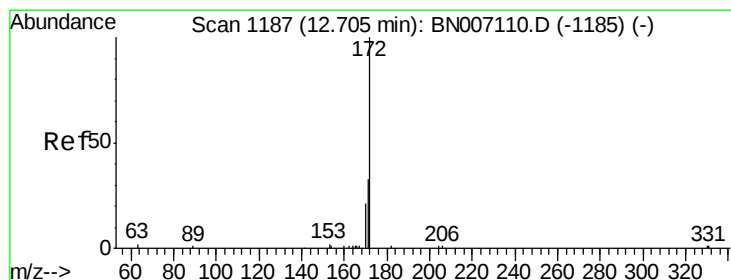
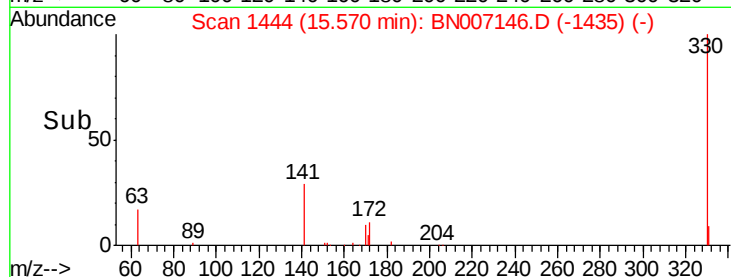
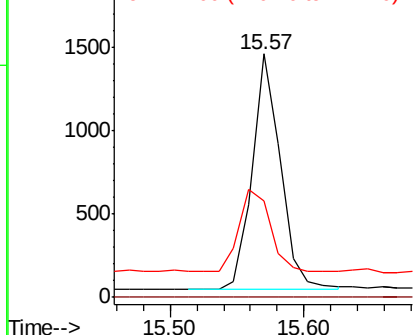
#13
 2,4,6-Tribromophenol
 Concen: 0.217 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007146.D
 Acq: 13 Aug 2019 23:44

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 2089
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 38.1 33.6 50.4

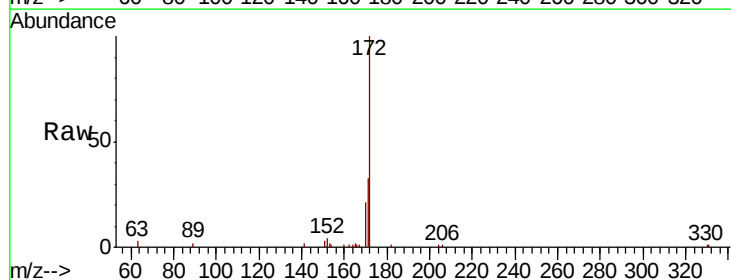


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

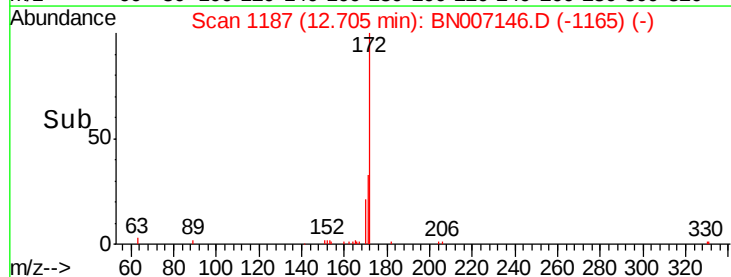
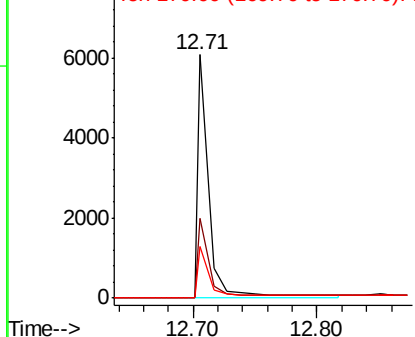


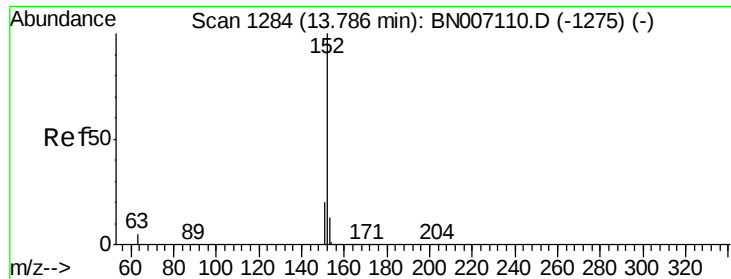
#14
 2-Fluorobiphenyl
 Concen: 0.178 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007146.D
 Acq: 13 Aug 2019 23:44

Tgt Ion:172 Resp: 4614
 Ion Ratio Lower Upper
 172 100
 171 32.6 26.3 39.5
 170 21.2 17.0 25.4



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





#15

Acenaphthylene

Concen: 0.093 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007146.D

Acq: 13 Aug 2019 23:44

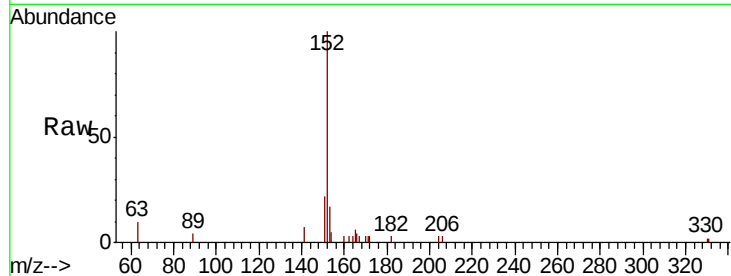
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 8706

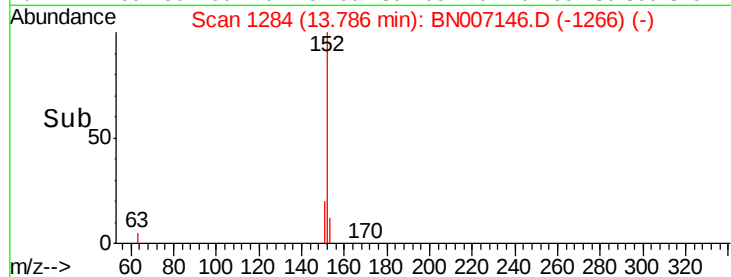
Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.6
153	12.3	10.4	15.6



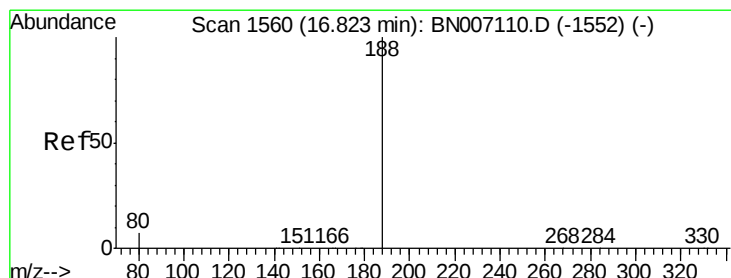
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1560

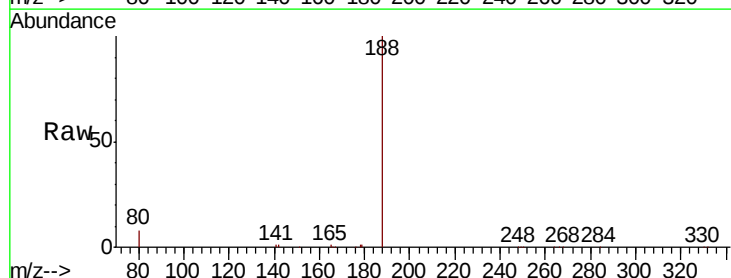
Delta R.T. -0.00 min

Lab File: BN007146.D

Acq: 13 Aug 2019 23:44

Tgt Ion:188 Resp: 40548

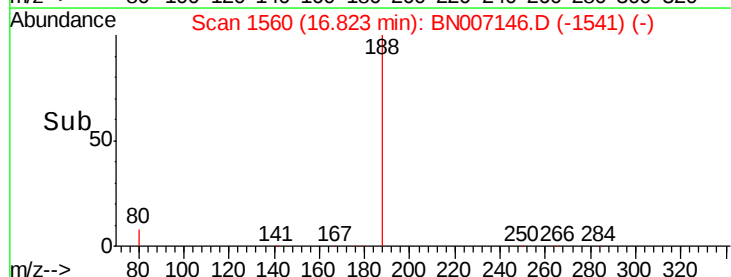
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	7.8	11.6



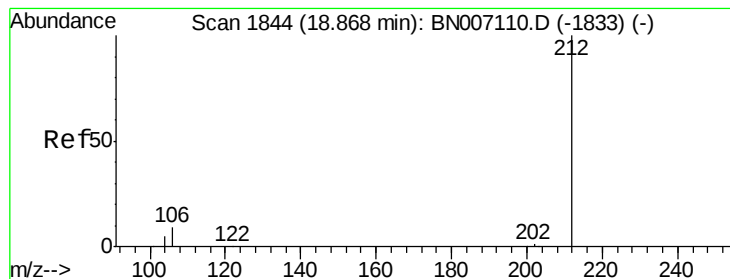
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



Time-->



#24

Fluoranthene-d10

Concen: 0.291 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007146.D

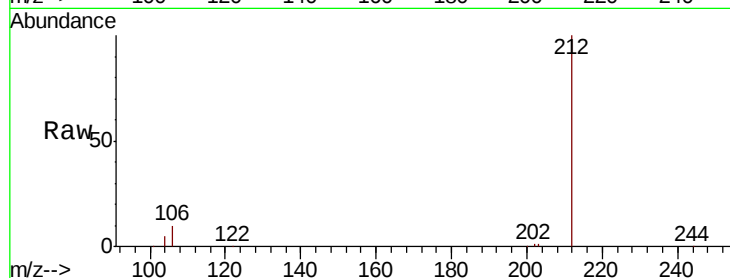
Acq: 13 Aug 2019 23:44

Instrument :

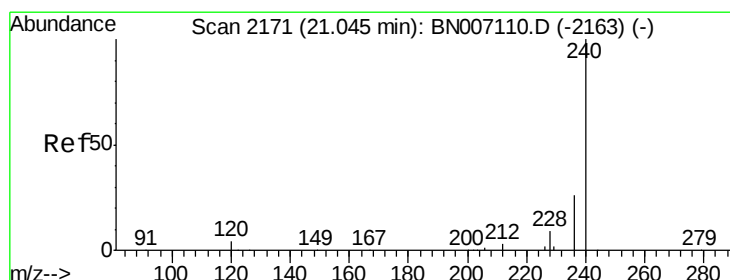
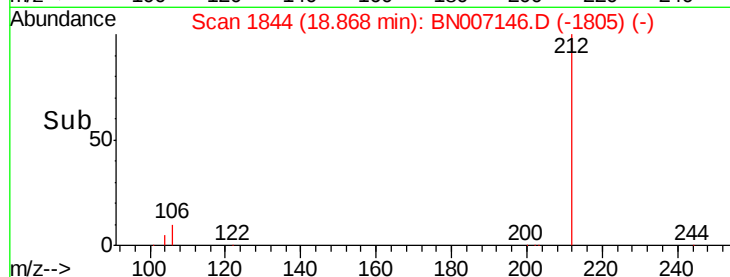
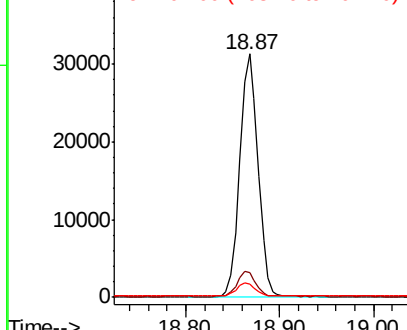
BNA_N

ClientSampleId :

Tot Ion:212	Resp:	41847
Ion Ratio	Lower	Upper
212	100	
106	10.3	8.2 12.2
104	5.8	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

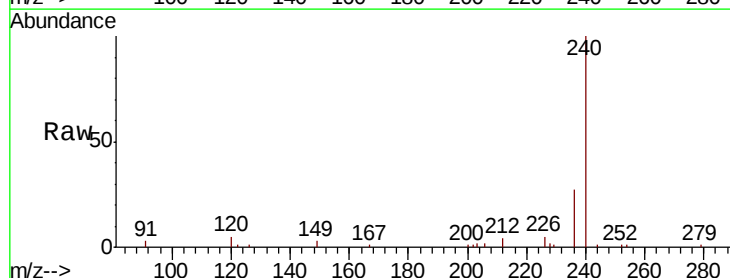
RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

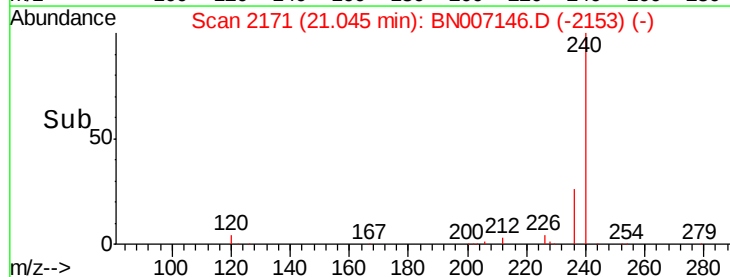
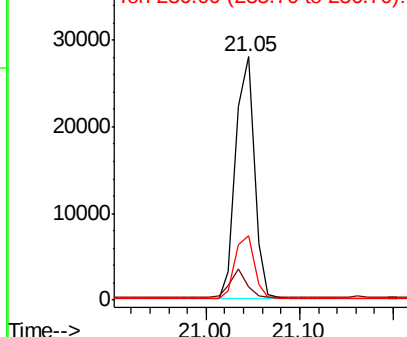
Lab File: BN007146.D

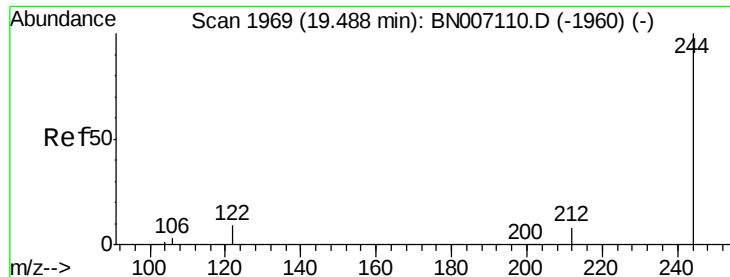
Acq: 13 Aug 2019 23:44

Tgt Ion:240	Resp:	38735
Ion Ratio	Lower	Upper
240	100	
120	5.3	4.0 6.0
236	26.6	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

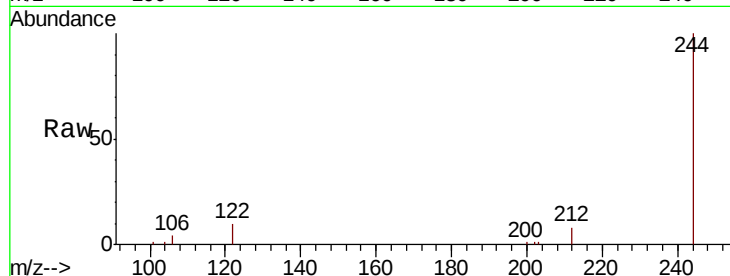




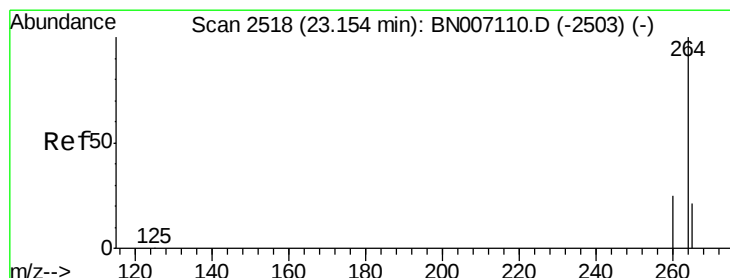
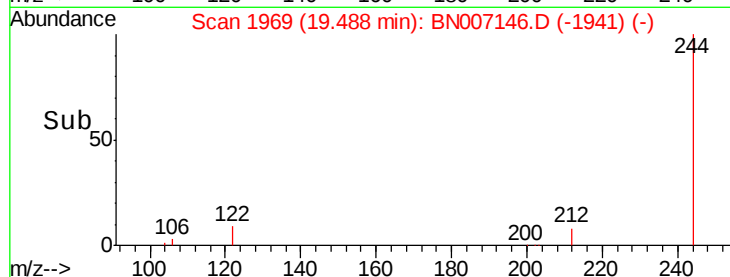
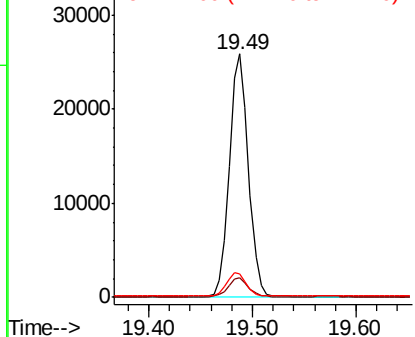
#28
 Terphenyl-d14
 Concen: 0.304 ng
 RT: 19.49 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BN007146.D
 Acq: 13 Aug 2019 23:44

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:244 Resp: 32096
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 9.7 7.4 11.2

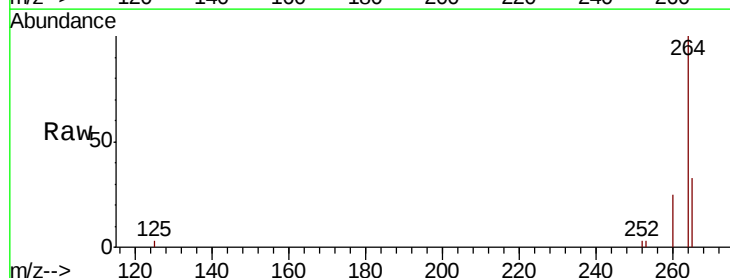


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#32
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.15 min Scan# 2518
 Delta R.T. -0.02 min
 Lab File: BN007146.D
 Acq: 13 Aug 2019 23:44

Tgt Ion:264 Resp: 43776
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.8 29.8
 265 33.3 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

