

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
 Data File : BN002207.D
 Acq On : 31 Jul 2018 12:45
 Operator : JU/SJ
 Sample : PB111487BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 31 16:02:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 16:17:29 2018
 Response via : Initial Calibration

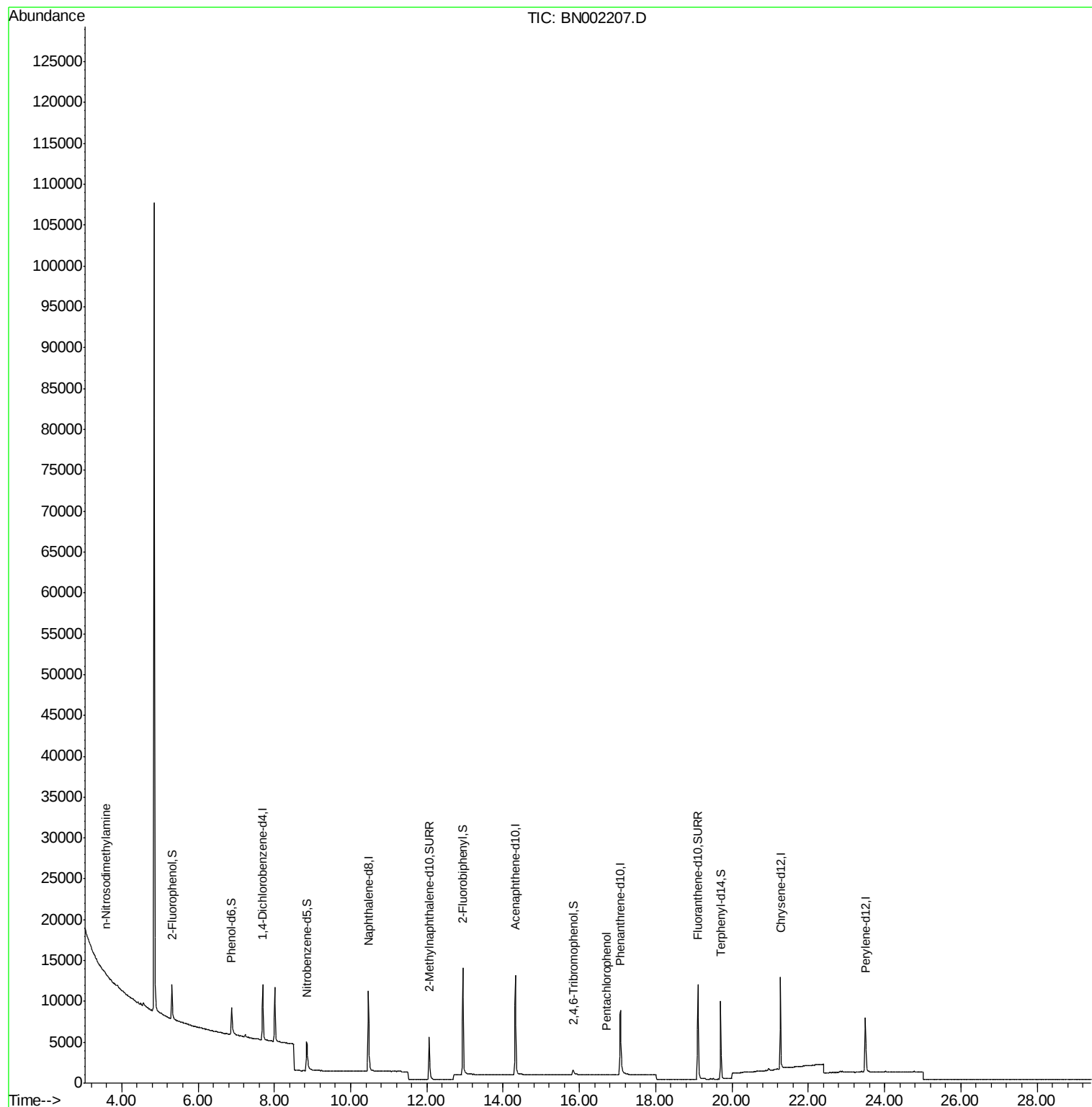
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	3908	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	15699	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	8021	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	16602	0.40	ng	0.01
27) Chrysene-d12	21.27	240	11620	0.40	ng	0.00
34) Perylene-d12	23.50	264	9751	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	3755	0.41	ng	0.00
5) Phenol-d6	6.88	99	4083	0.37	ng	0.00
8) Nitrobenzene-d5	8.84	82	4721	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	9304	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	932	0.27	ng	0.01
15) 2-Fluorobiphenyl	12.94	172	14371	0.47	ng	0.00
25) Fluoranthene-d10	19.11	212	15898	0.39	ng	0.00
29) Terphenyl-d14	19.71	244	10667	0.43	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.59	42	83	0.136	ng	# 5
22) Pentachlorophenol	16.71	266	3	0.094	ng	# 57

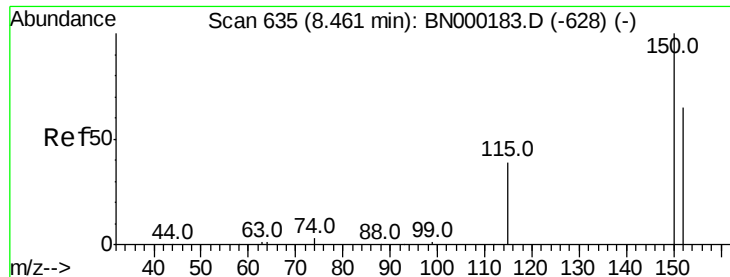
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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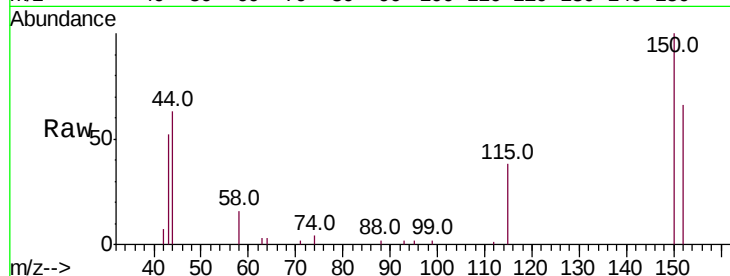


#1

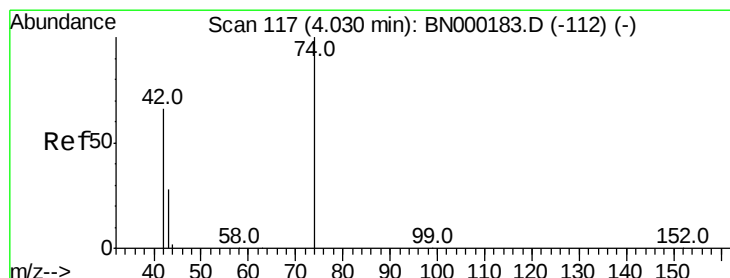
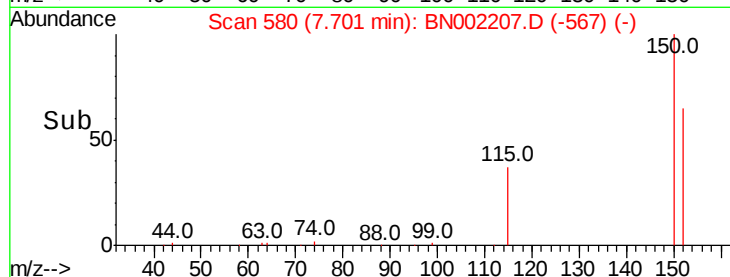
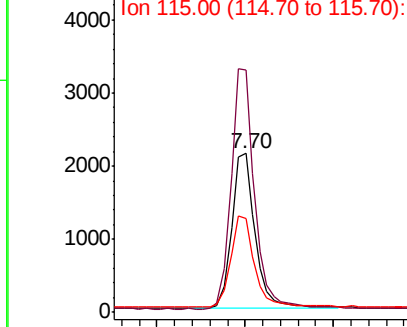
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. 0.01 min
Lab File: BN002207.D
Acq: 31 Jul 2018 12:45

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3908
Ion Ratio Lower Upper
152 100
150 152.5 117.2 175.8
115 58.7 57.0 85.6



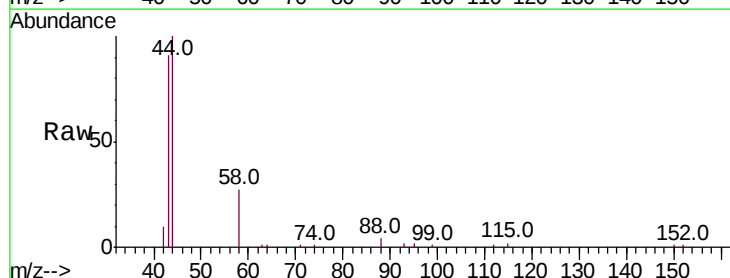
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



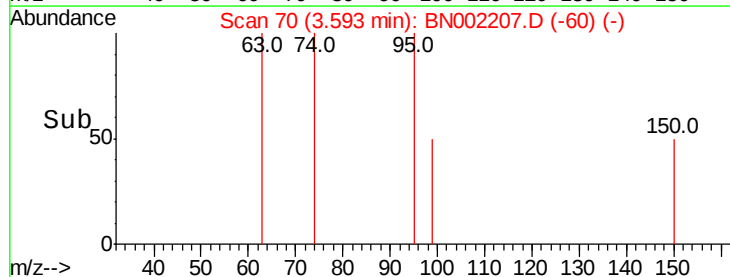
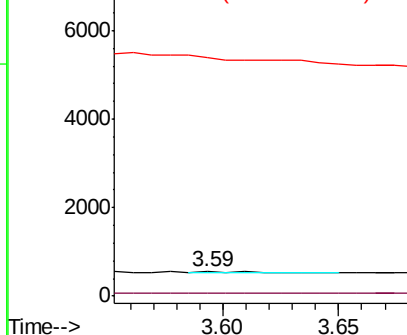
#3

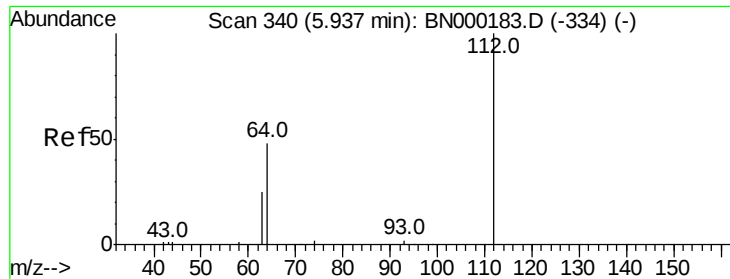
n-Nitrosodimethylamine
Concen: 0.136 ng
RT: 3.59 min Scan# 70
Delta R.T. -0.02 min
Lab File: BN002207.D
Acq: 31 Jul 2018 12:45

Tgt Ion: 42 Resp: 83
Ion Ratio Lower Upper
42 100
74 0.0 88.0 132.0#
44 0.0 16.0 24.0#



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





#4

2-Fluorophenol

Concen: 0.412 ng

RT: 5.32 min Scan# 284

Delta R.T. 0.01 min

Lab File: BN002207.D

Acq: 31 Jul 2018 12:45

Instrument :

BNA_N

ClientSampled :

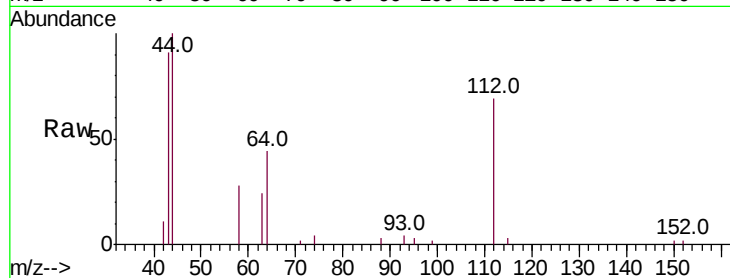
Tot Ion:112 Resp: 3755

Ion Ratio Lower Upper

112 100

64 64.3 60.1 90.1

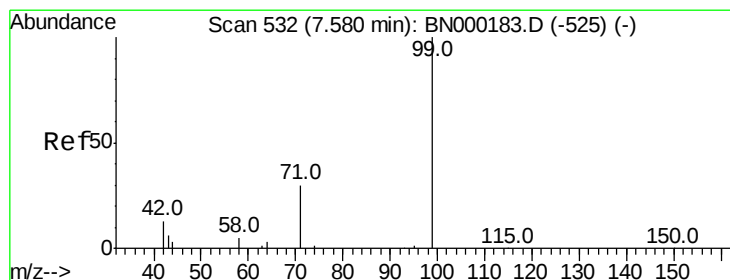
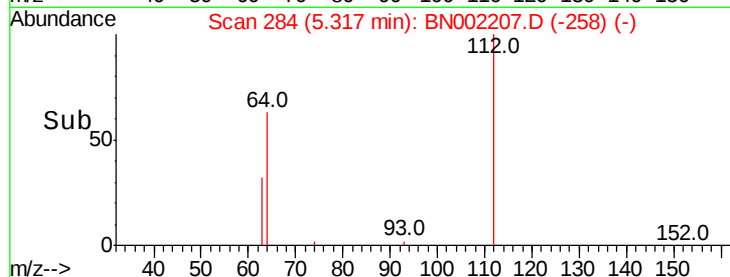
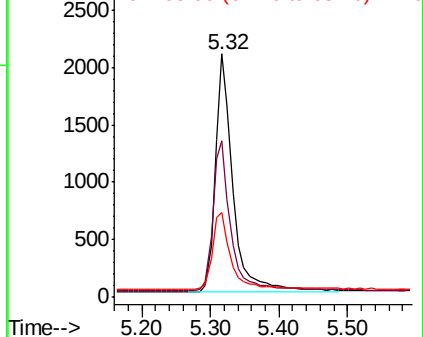
63 33.7 116.8 175.2#



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



#5

Phenol-d6

Concen: 0.368 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN002207.D

Acq: 31 Jul 2018 12:45

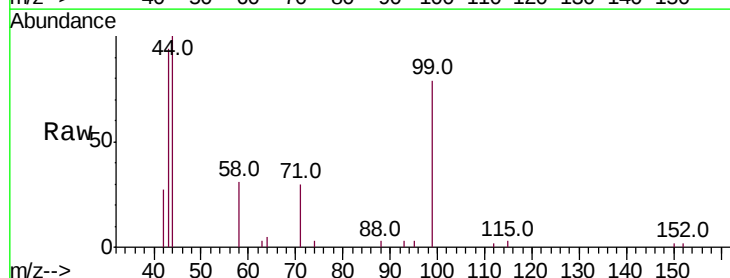
Tgt Ion: 99 Resp: 4083

Ion Ratio Lower Upper

99 100

42 21.7 20.2 30.2

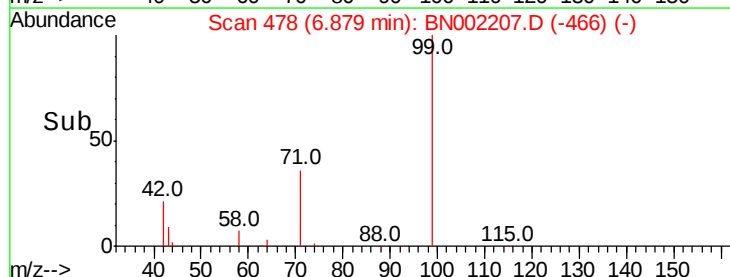
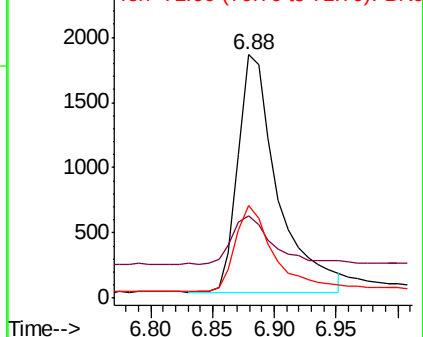
71 35.1 28.4 42.6

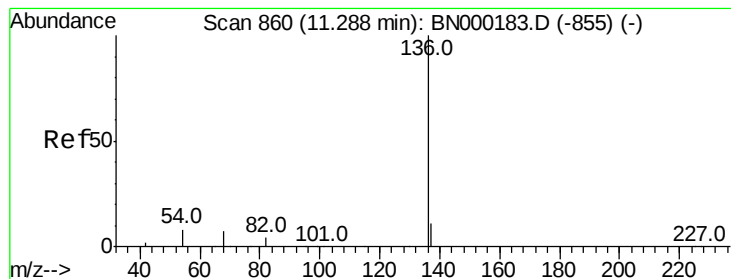


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN002207.D

Acq: 31 Jul 2018 12:45

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 15699

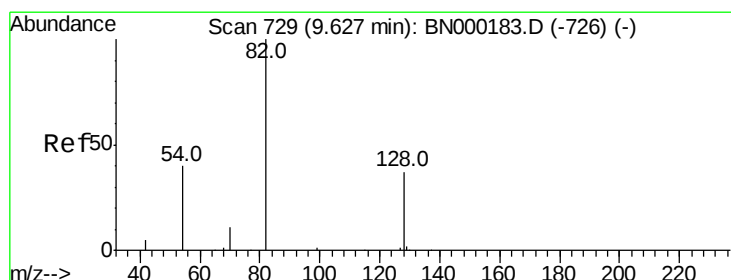
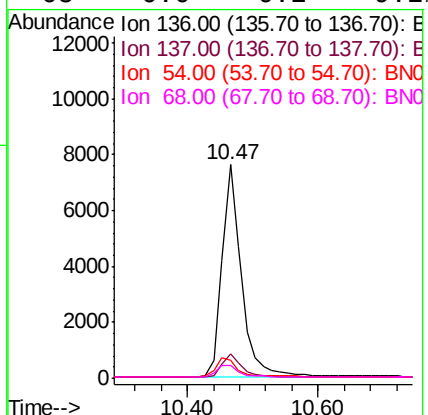
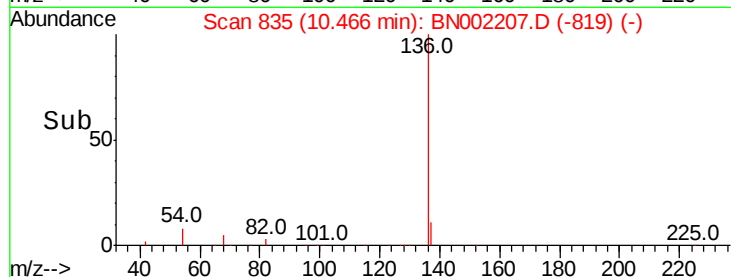
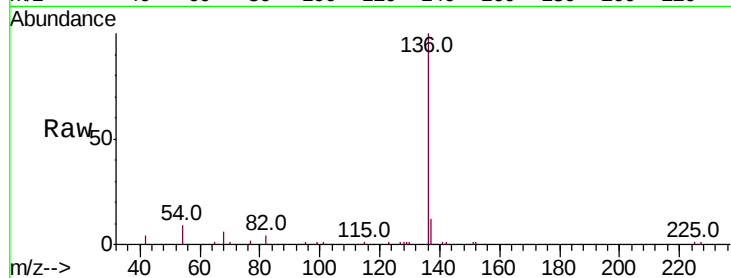
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 8.7 29.1 43.7#

68 6.0 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.400 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.00 min

Lab File: BN002207.D

Acq: 31 Jul 2018 12:45

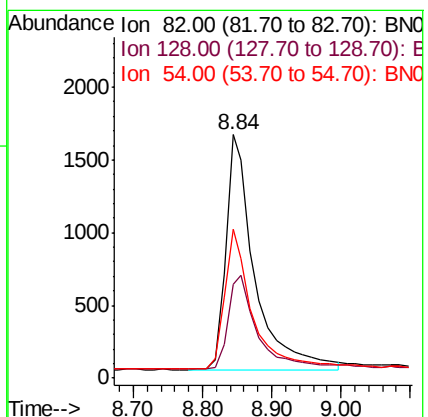
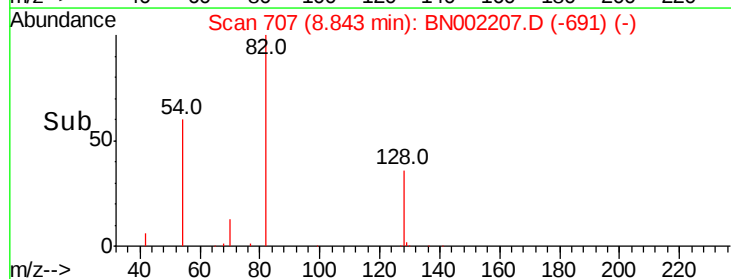
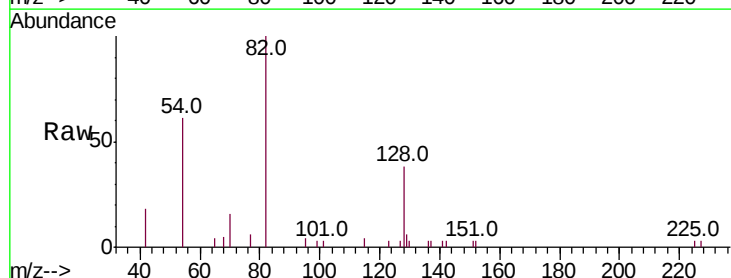
Tgt Ion: 82 Resp: 4721

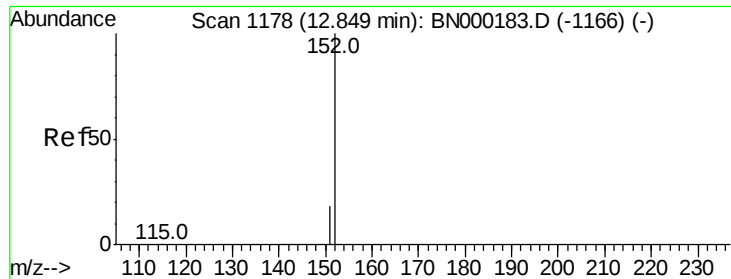
Ion Ratio Lower Upper

82 100

128 38.5 150.0 225.0#

54 61.4 154.2 231.4#

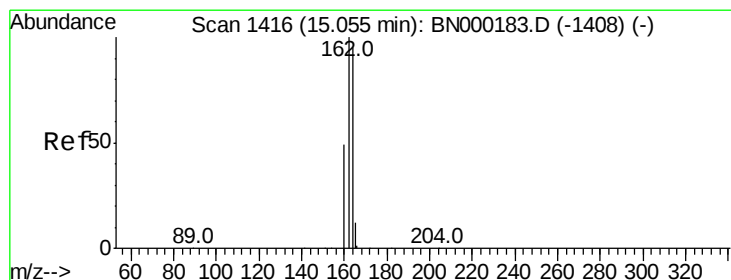
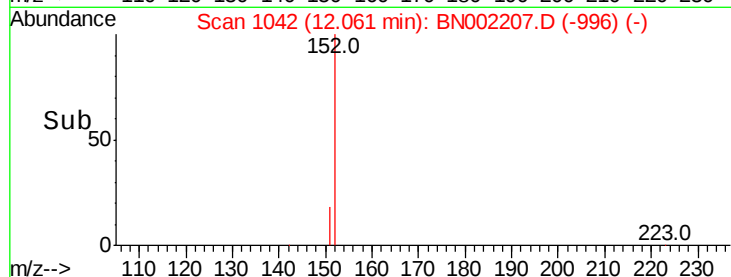
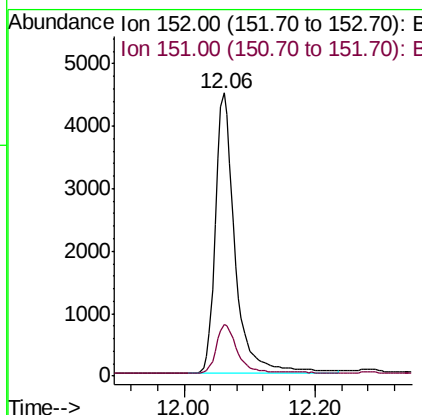
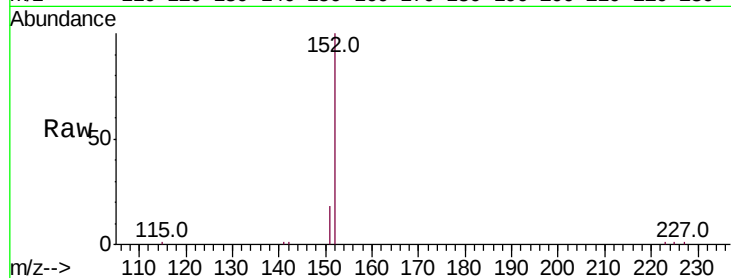




#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.06 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BN002207.D
Acq: 31 Jul 2018 12:45

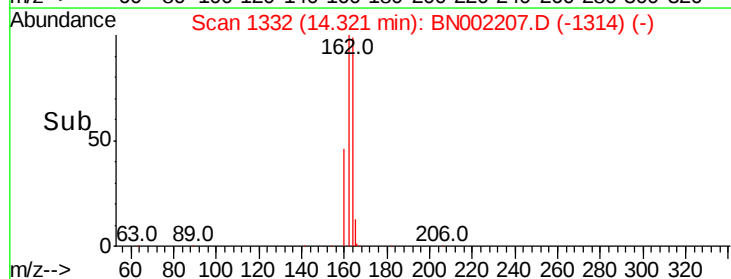
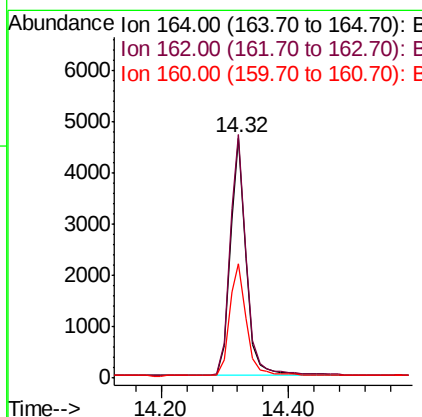
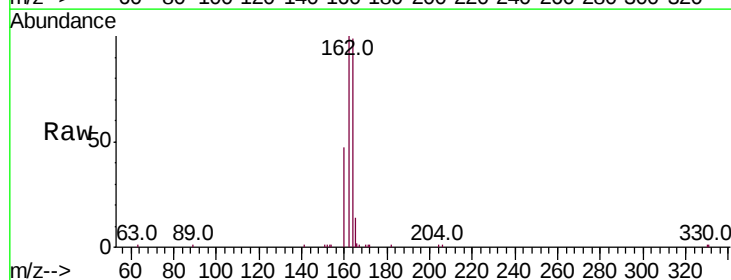
Instrument :
BNA_N
ClientSampleId :

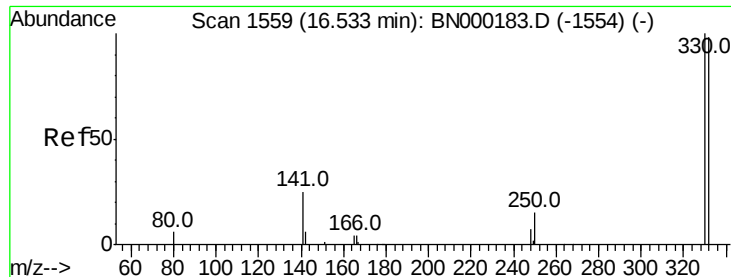
Tot Ion:152 Resp: 9304
Ion Ratio Lower Upper
152 100
151 19.0 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BN002207.D
Acq: 31 Jul 2018 12:45

Tgt Ion:164 Resp: 8021
Ion Ratio Lower Upper
164 100
162 101.4 83.1 124.7
160 47.4 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.272 ng

RT: 15.84 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BN002207.D

Acq: 31 Jul 2018 12:45

Instrument :

BNA_N

ClientSampleId :

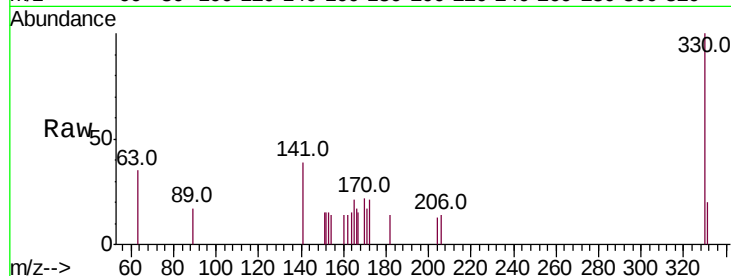
Tot Ion:330 Resp: 932

Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

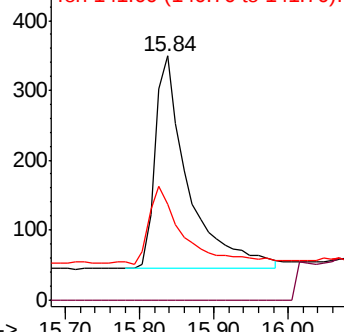
141 37.3 33.7 50.5



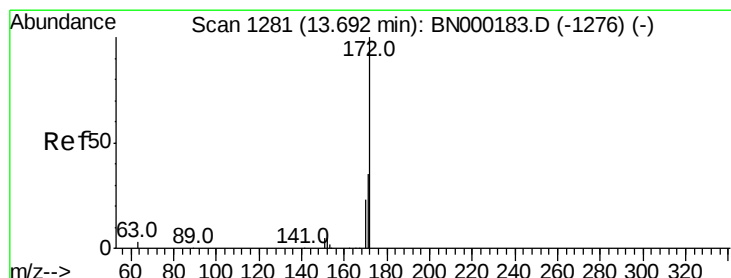
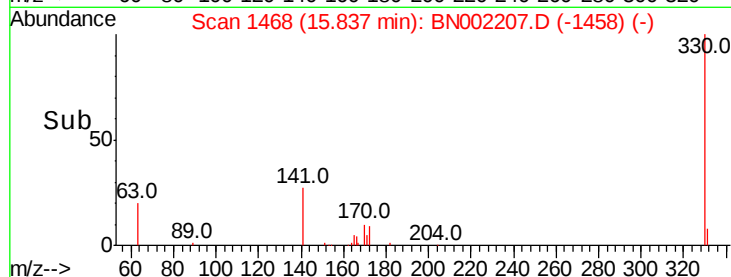
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time--> 15.70 15.80 15.90 16.00



#15

2-Fluorobiphenyl

Concen: 0.467 ng

RT: 12.94 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BN002207.D

Acq: 31 Jul 2018 12:45

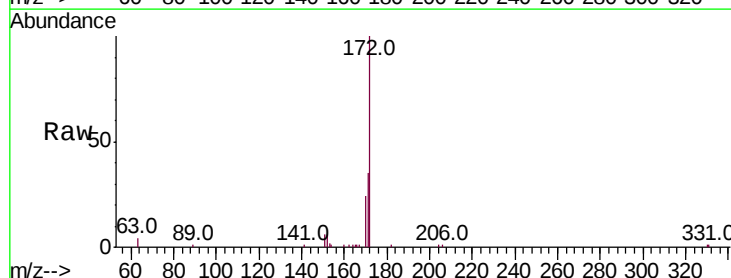
Tgt Ion:172 Resp: 14371

Ion Ratio Lower Upper

172 100

171 35.4 29.9 44.9

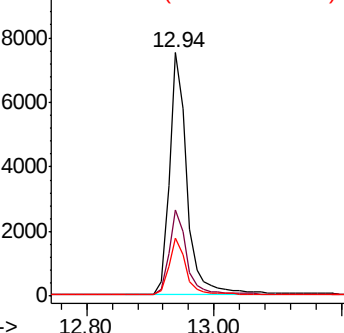
170 23.6 21.8 32.8



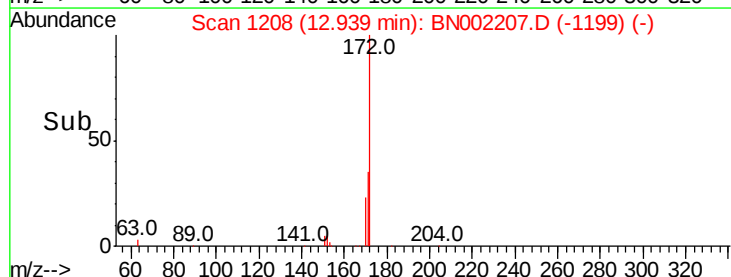
Abundance Ion 172.00 (171.70 to 172.70): E

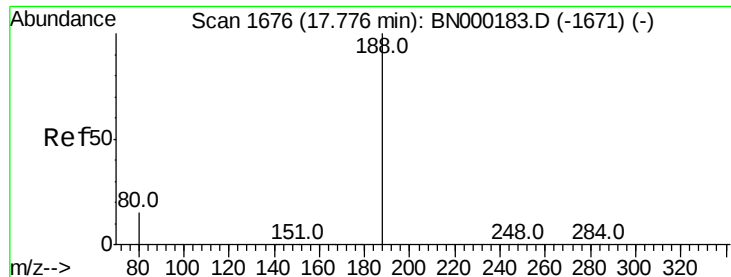
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time--> 12.80 13.00





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.08 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN002207.D

Acq: 31 Jul 2018 12:45

Instrument :

BNA_N

ClientSampled :

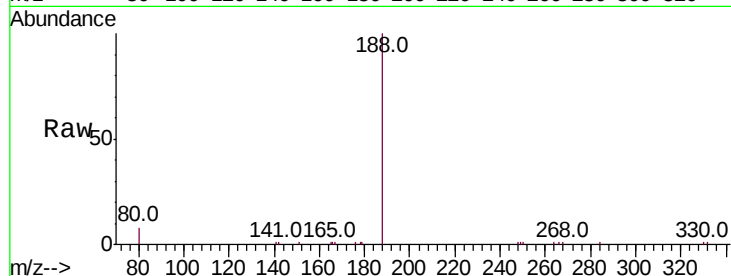
Tot Ion:188 Resp: 16602

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

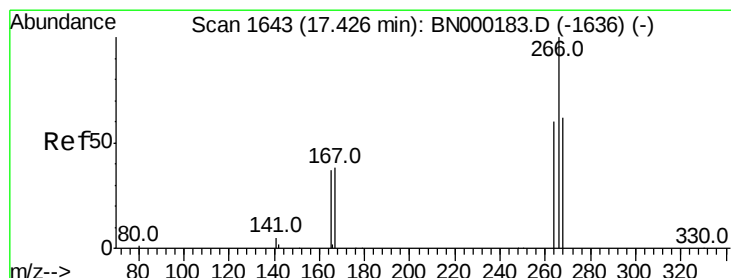
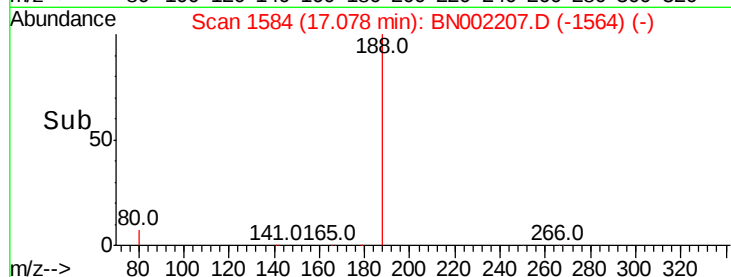
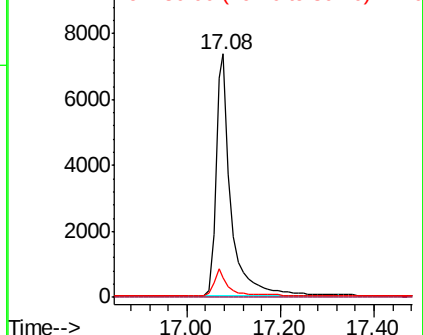
80 8.2 3.6 5.4#



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



#22

Pentachlorophenol

Concen: 0.094 ng

RT: 16.71 min Scan# 1549

Delta R.T. -0.03 min

Lab File: BN002207.D

Acq: 31 Jul 2018 12:45

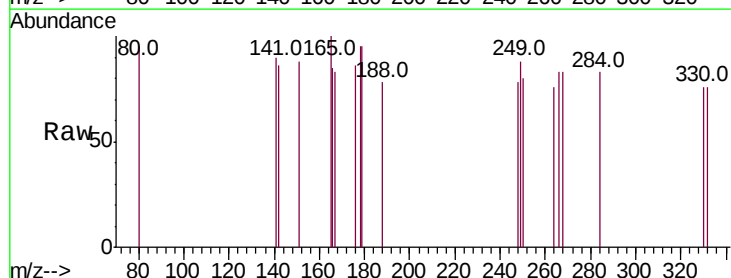
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 91.8 48.0 72.0#

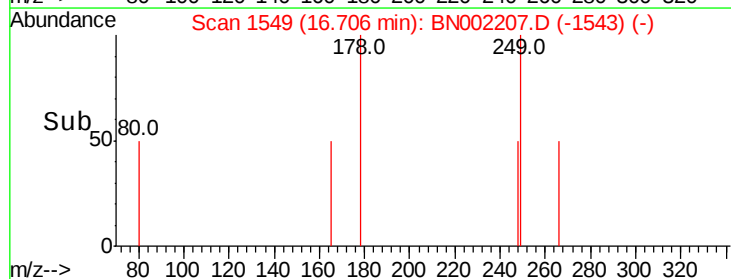
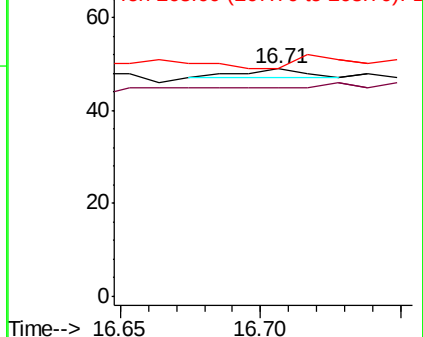
268 100.0 52.0 78.0#

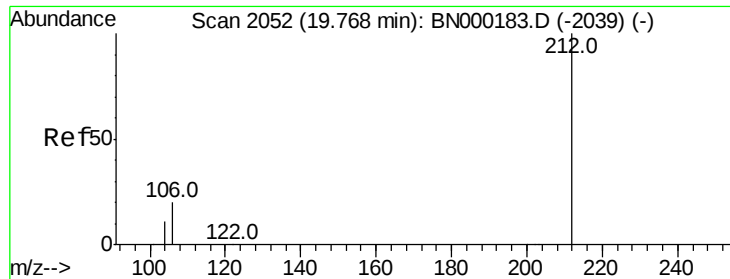


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

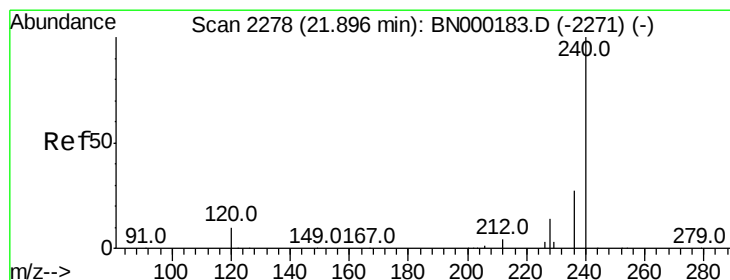
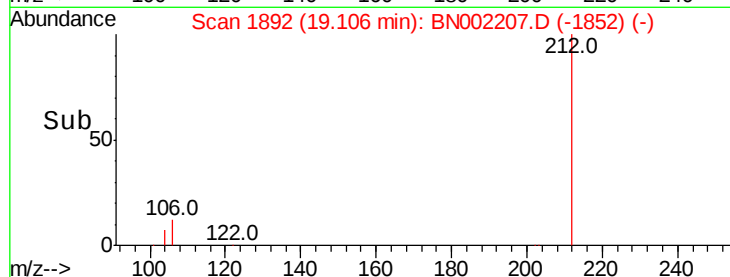
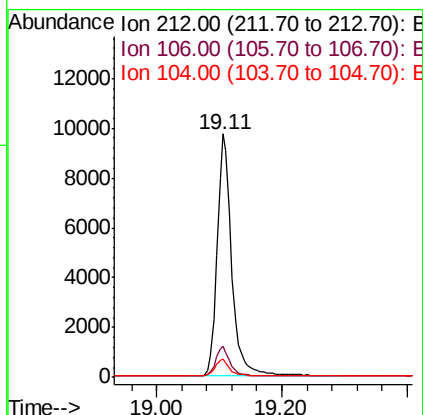
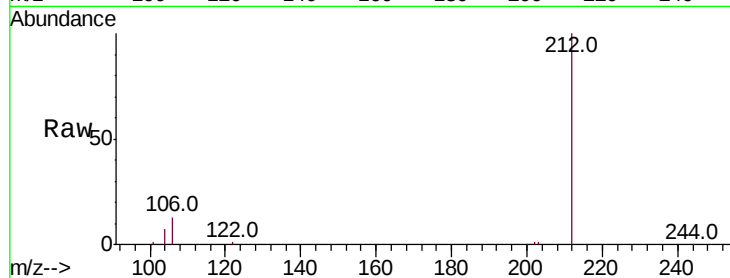




#25
 Fluoranthene-d10
 Concen: 0.388 ng
 RT: 19.11 min Scan# 1892
 Delta R.T. -0.00 min
 Lab File: BN002207.D
 Acq: 31 Jul 2018 12:45

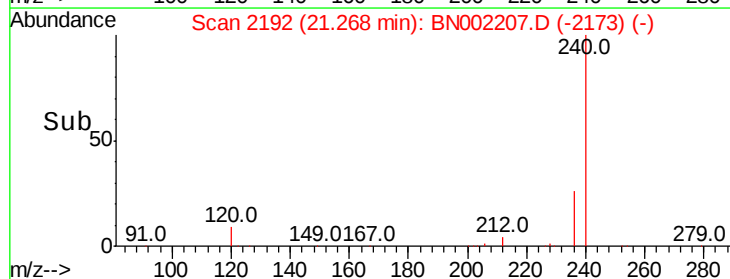
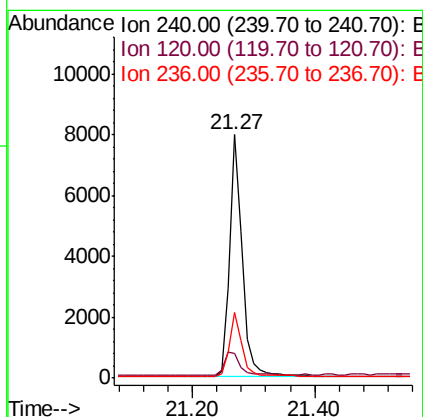
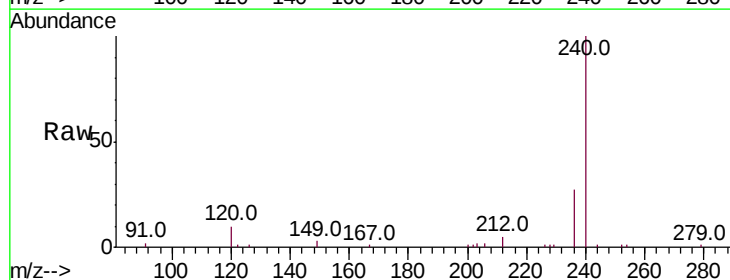
Instrument :
 BNA_N
 ClientSampleId :

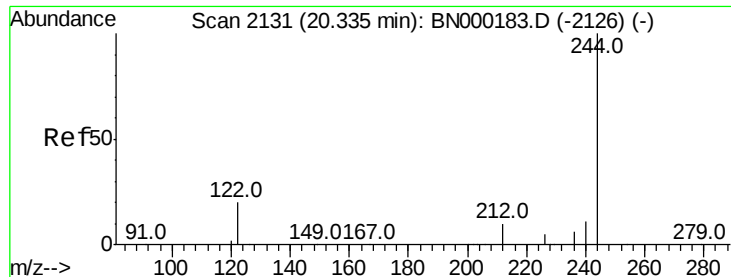
Tot Ion:212 Resp: 15898
 Ion Ratio Lower Upper
 212 100
 106 11.8 2.8 4.2#
 104 6.5 1.6 2.4#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BN002207.D
 Acq: 31 Jul 2018 12:45

Tgt Ion:240 Resp: 11620
 Ion Ratio Lower Upper
 240 100
 120 10.1 5.5 8.3#
 236 26.9 20.7 31.1





#29

Terphenyl-d14

Concen: 0.430 ng

RT: 19.71 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BN002207.D

Acq: 31 Jul 2018 12:45

Instrument :

BNA_N

ClientSampleId :

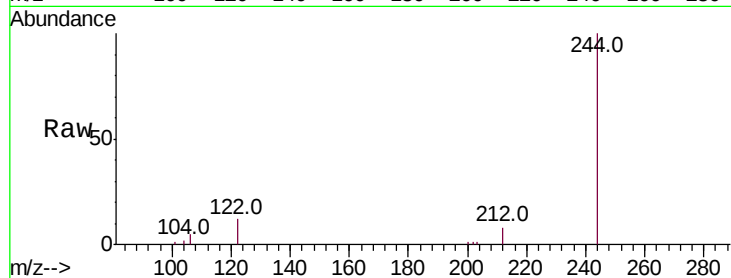
Tot Ion:244 Resp: 10667

Ion Ratio Lower Upper

244 100

212 8.0 25.4 38.0#

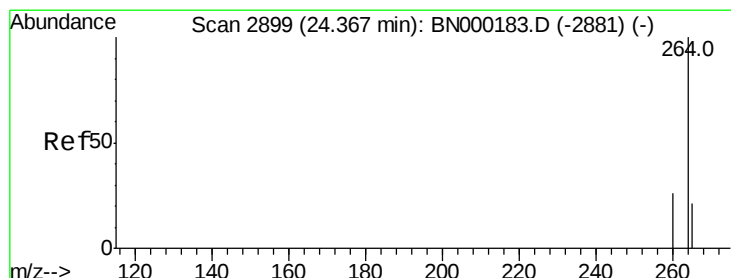
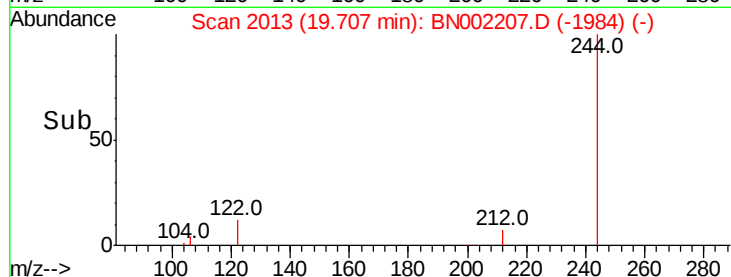
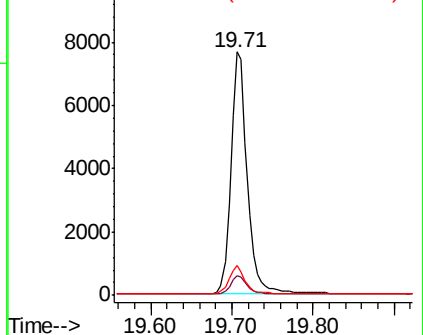
122 12.3 8.1 12.1#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.50 min Scan# 2619

Delta R.T. -0.00 min

Lab File: BN002207.D

Acq: 31 Jul 2018 12:45

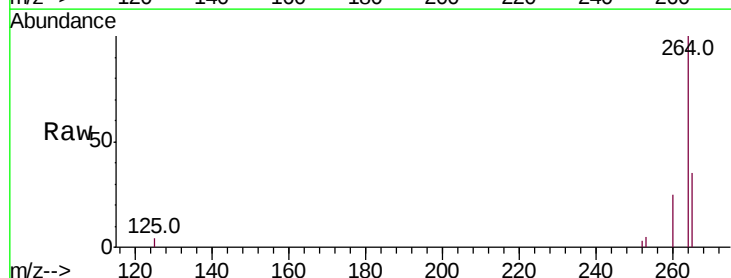
Tgt Ion:264 Resp: 9751

Ion Ratio Lower Upper

264 100

260 25.1 20.5 30.7

265 35.5 22.8 34.2#



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

