

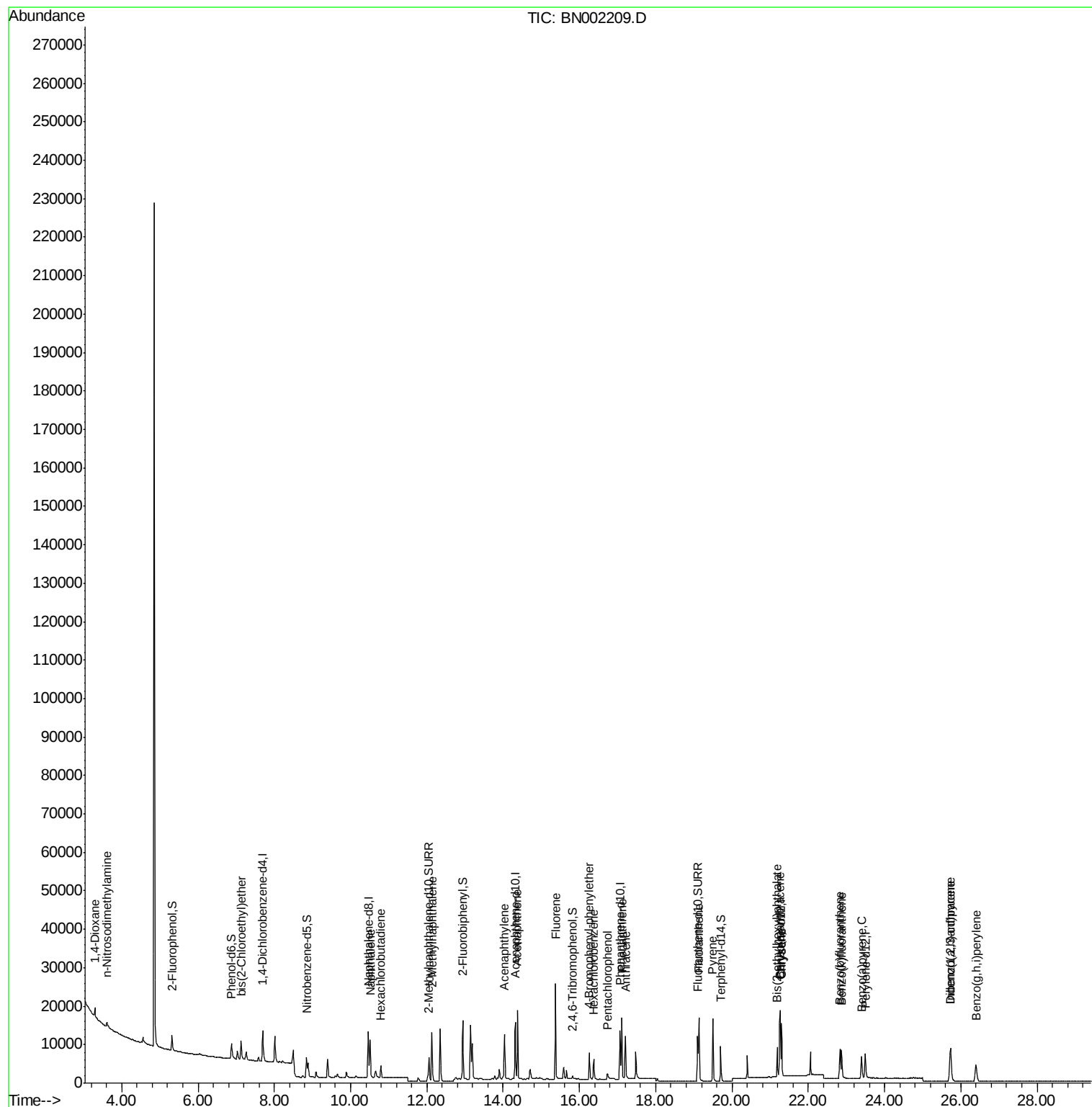
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
Data File : BN002209.D
Acq On : 31 Jul 2018 13:55
Operator : JU/SJ
Sample : PB111543BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

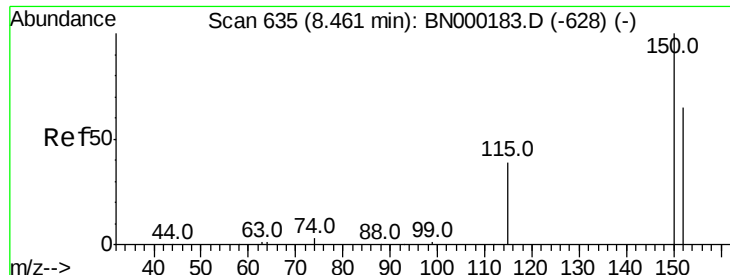
Instrument :
BNA_N
ClientSampleId :
PB111543BS

Manual Integrations
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Sohil
8/1/2018 4:49:30 PM

Quant Time: Jul 31 16:29:06 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 579

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

ClientSampled :

PB111543BS

Tot Ion:152 Resp: 4329

Ion Ratio Lower Upper

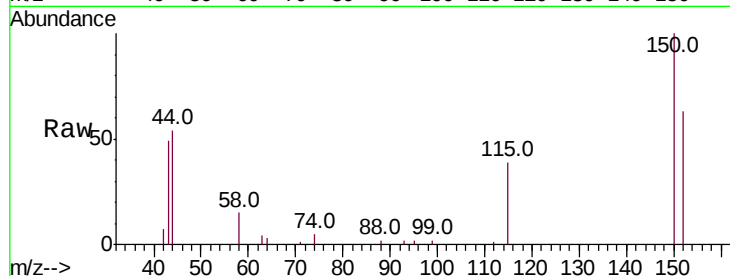
152 100

150 158.9 117.2 175.8

115 62.2 57.0 85.6

Manual Integrations
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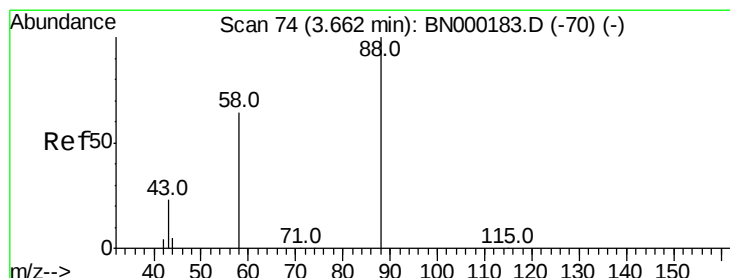
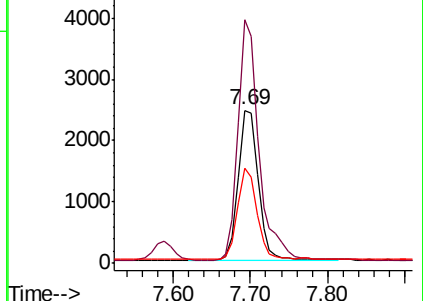
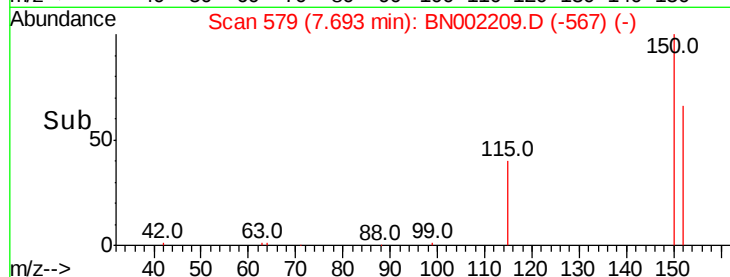
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.260 ng

RT: 3.30 min Scan# 33

Delta R.T. 0.01 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

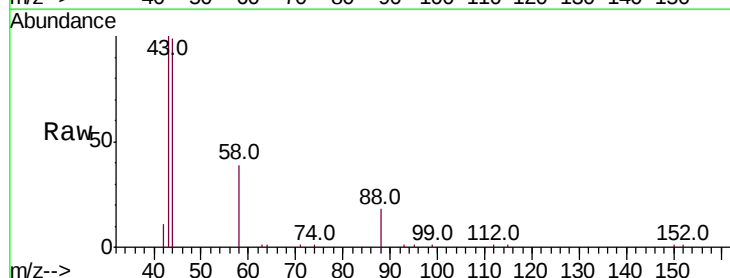
Tgt Ion: 88 Resp: 1268

Ion Ratio Lower Upper

88 100

58 100.7 72.0 108.0

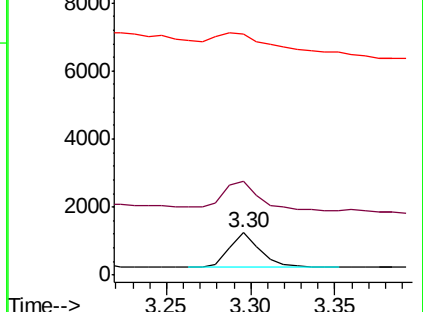
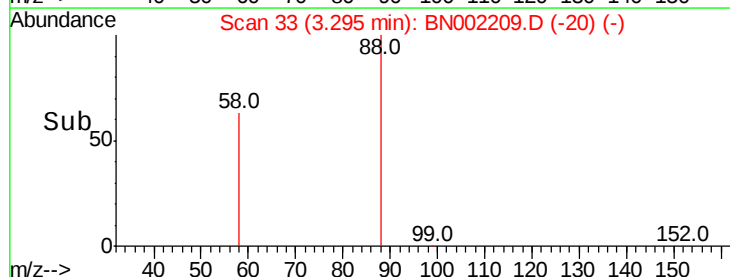
43 91.8 28.0 42.0#

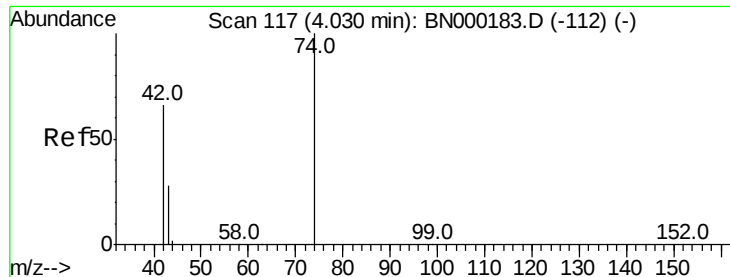


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

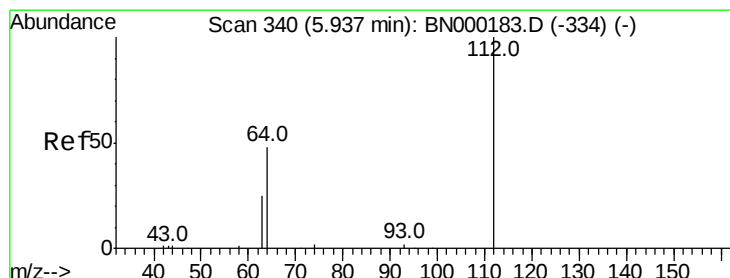
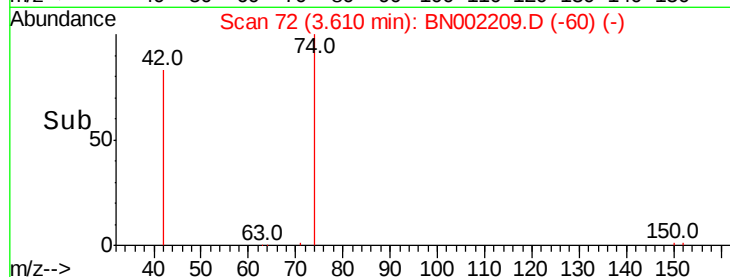
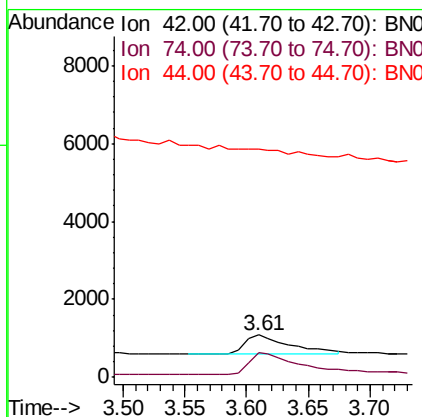
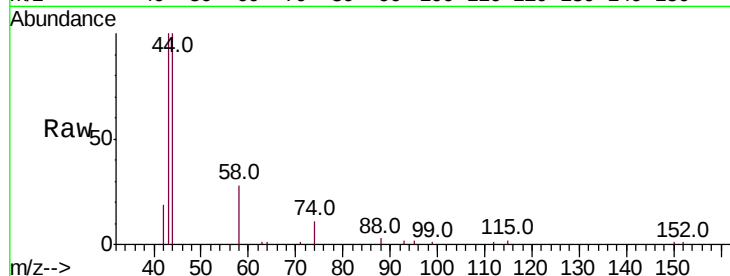
n-Nitrosodimethylamine
 Concen: 0.401 ng
 RT: 3.61 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BN002209.D
 Acq: 31 Jul 2018 13:55

Instrument :
 BNA_N
 ClientSampleId :
 PB111543BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	119.8	88.0	132.0
44	0.0	16.0	24.0

Manual Integrations
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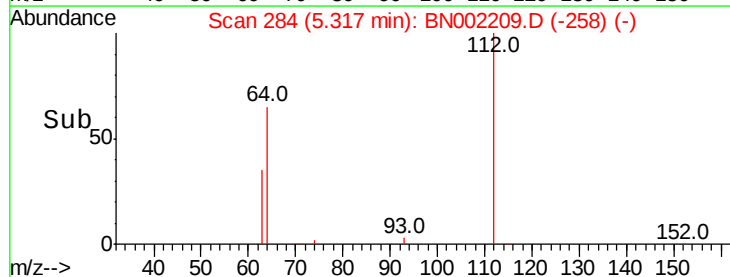
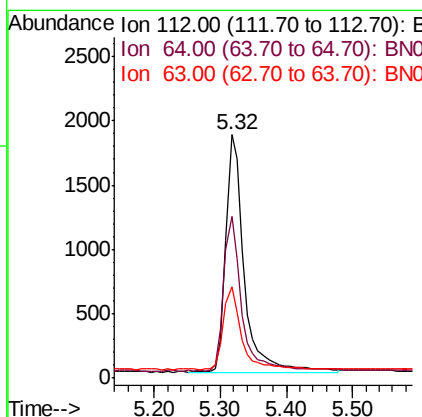
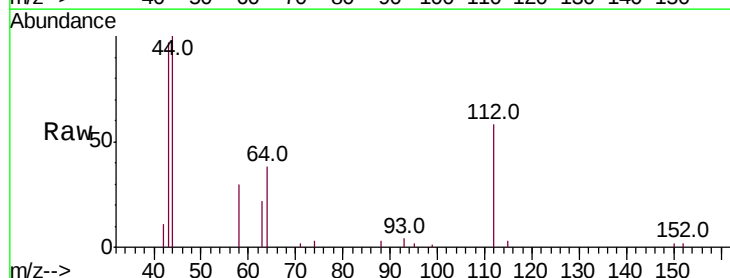
Sohil
 8/1/2018 4:49:30 PM

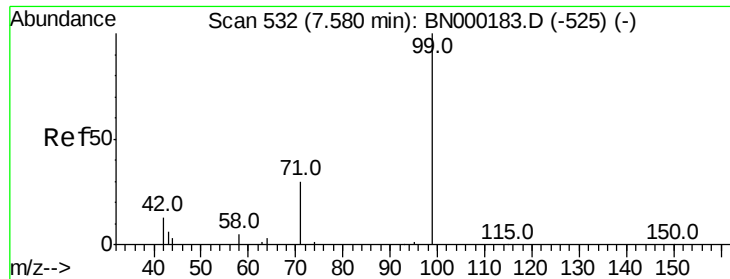


#4

2-Fluorophenol
 Concen: 0.349 ng
 RT: 5.32 min Scan# 284
 Delta R.T. 0.01 min
 Lab File: BN002209.D
 Acq: 31 Jul 2018 13:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	60.1	90.1
63	34.5	116.8	175.2





#5

Phenol-d6

Concen: 0.361 ng/ml

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

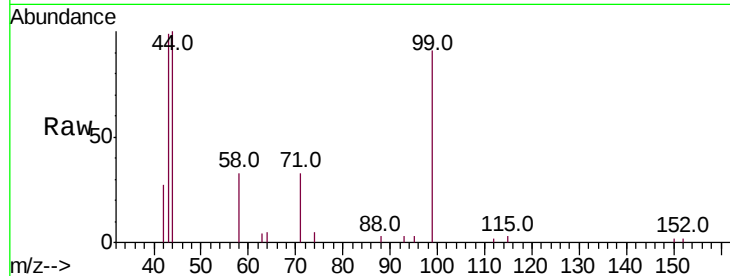
ClientSampleId :

PB111543BS

Tot Ion:	99	Resp:	4433
Ion	Ratio	Lower	Upper
99	100		
42	21.6	20.2	30.2
71	34.0	28.4	42.6

Manual Integrations
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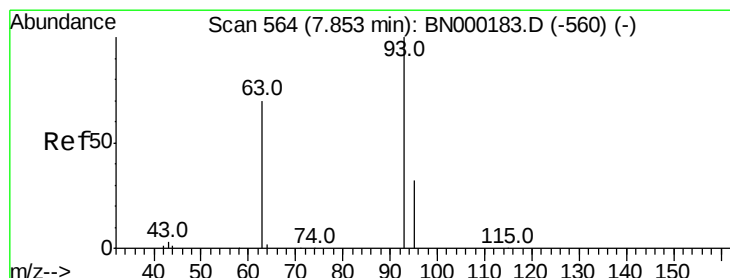
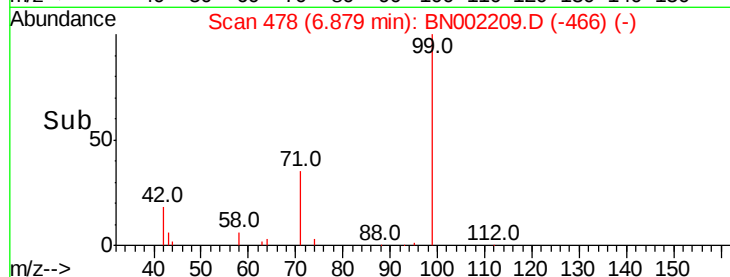
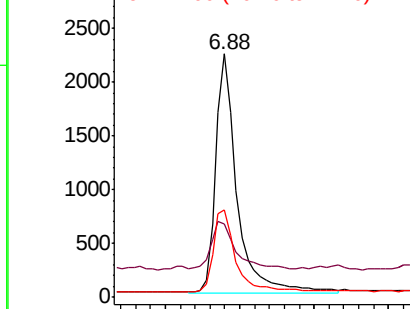


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.348 ng/ml

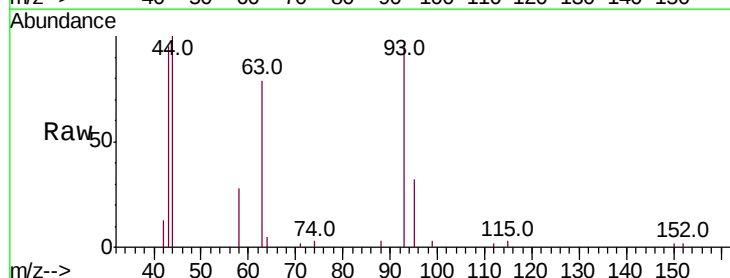
RT: 7.13 min Scan# 509

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Tgt Ion:	93	Resp:	4110
Ion	Ratio	Lower	Upper
93	100		
63	81.1	56.0	84.0
95	31.6	25.2	37.8

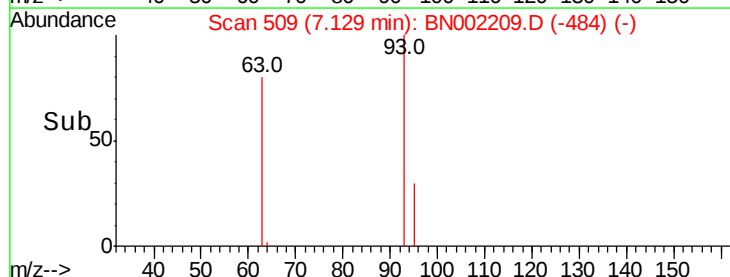
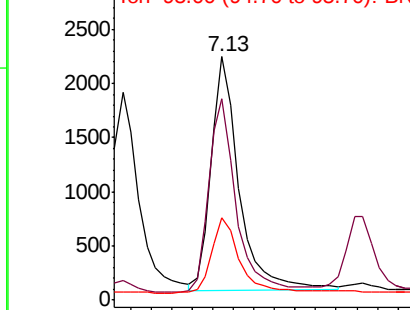


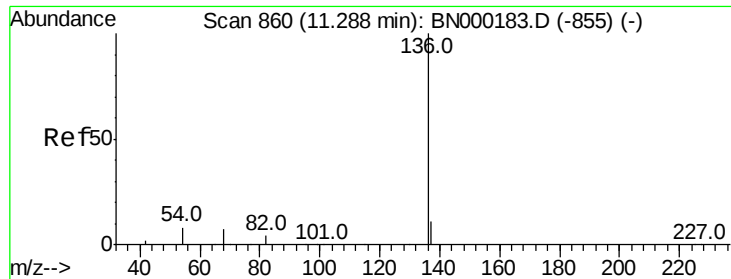
Abundance

Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

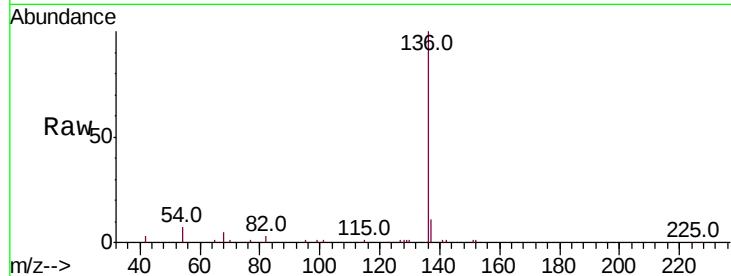
ClientSampleId :

PB111543BS

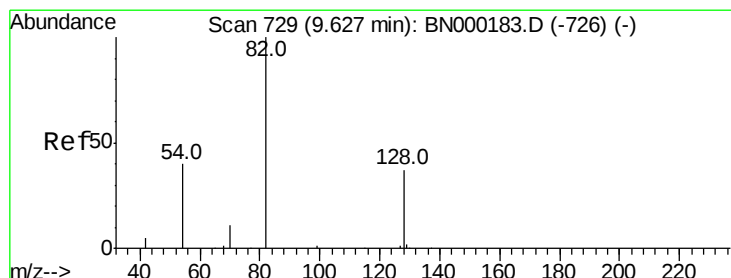
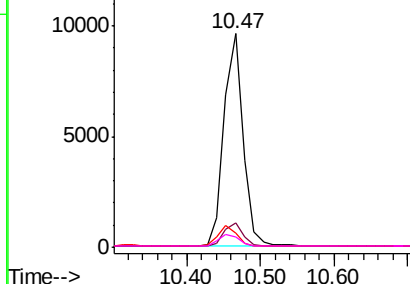
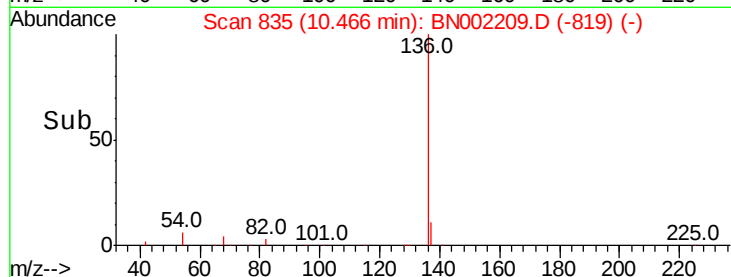
Tot Ion:	136	Resp:	17372
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.5	14.3
54	6.7	29.1	43.7#
68	4.7	6.2	9.2#

Manual Integrations
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Abundance Ion 136.00 (135.70 to 136.70): E
15000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.368 ng

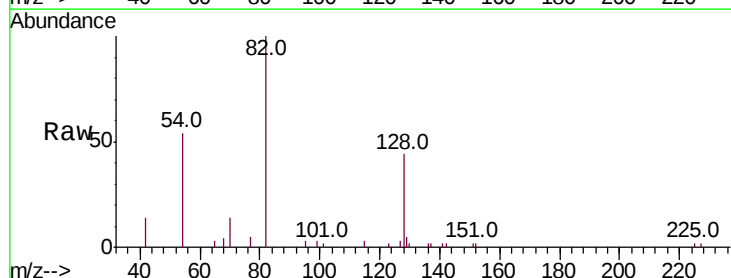
RT: 8.84 min Scan# 707

Delta R.T. -0.00 min

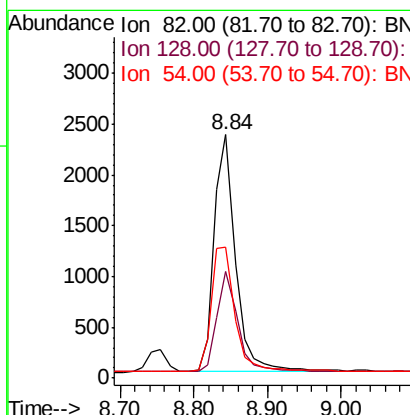
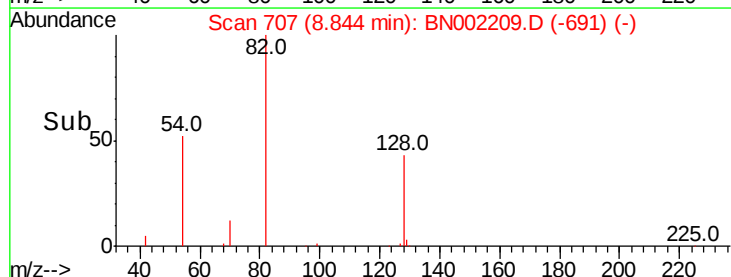
Lab File: BN002209.D

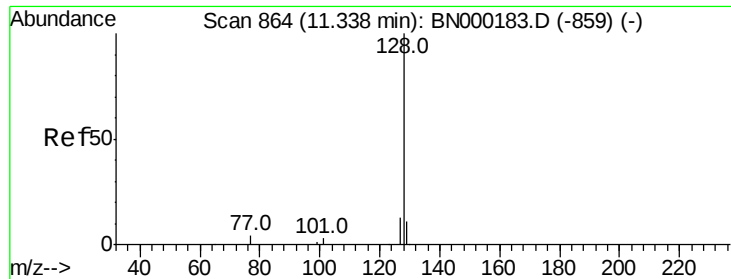
Acq: 31 Jul 2018 13:55

Tgt Ion:	82	Resp:	4810
Ion Ratio	Lower	Upper	
82	100		
128	44.1	150.0	225.0#
54	53.6	154.2	231.4#



Abundance Ion 82.00 (81.70 to 82.70): BNC
3000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.373 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

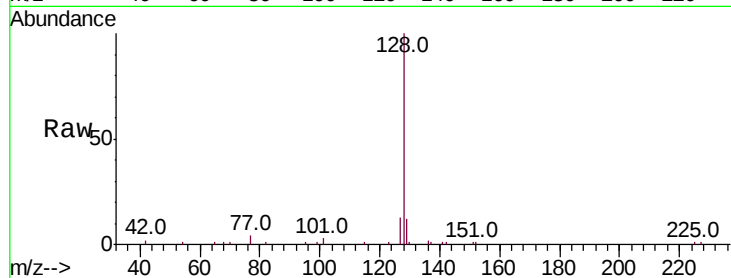
ClientSampleId :

PB111543BS

Tot Ion:	128	Resp:	14599
Ion Ratio	Lower	Upper	
128	100		
129	11.7	8.0	12.0
127	12.9	9.6	14.4

Manual Integrations
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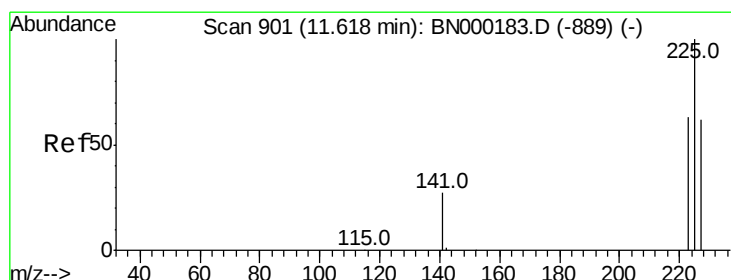
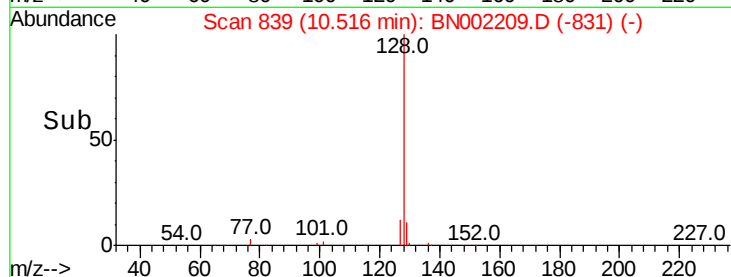
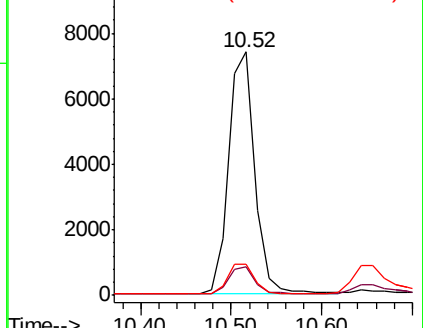
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.317 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.00 min

Lab File: BN002209.D

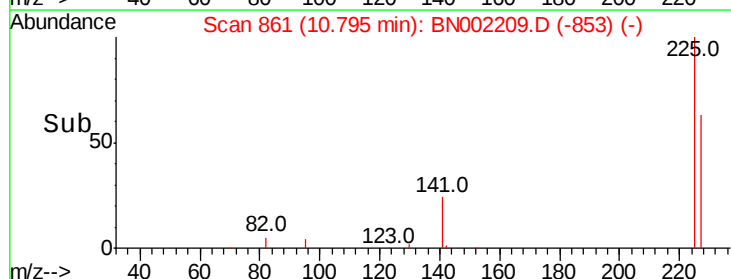
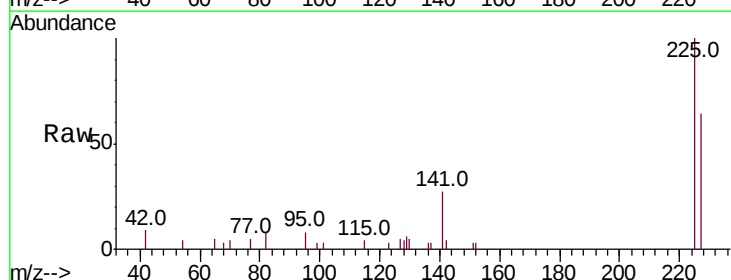
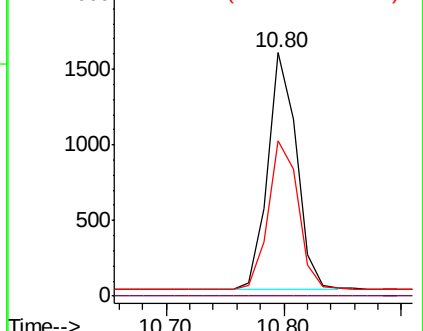
Acq: 31 Jul 2018 13:55

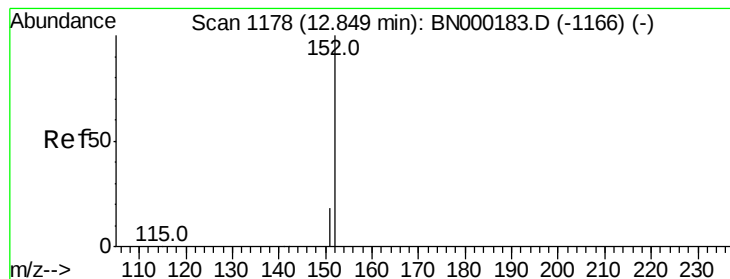
Tgt Ion:	225	Resp:	2687
Ion Ratio	Lower	Upper	
225	100		
223	0.0	52.0	78.0#
227	65.3	48.0	72.0

Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.369 ng

RT: 12.06 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

ClientSampleId :

PB111543BS

Tot Ion:152 Resp: 9452

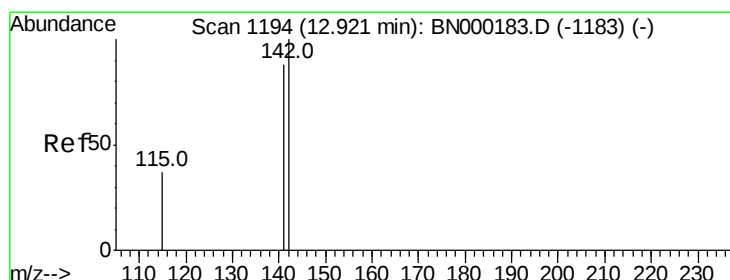
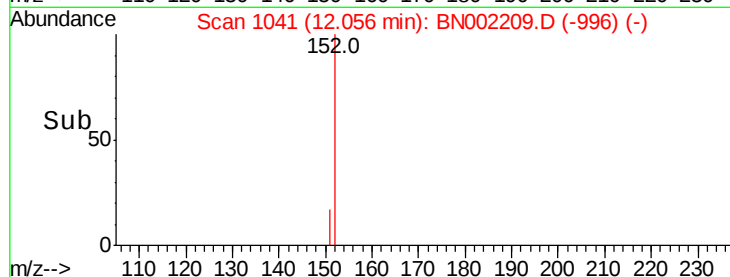
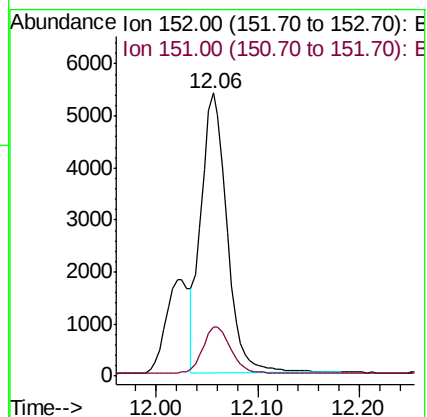
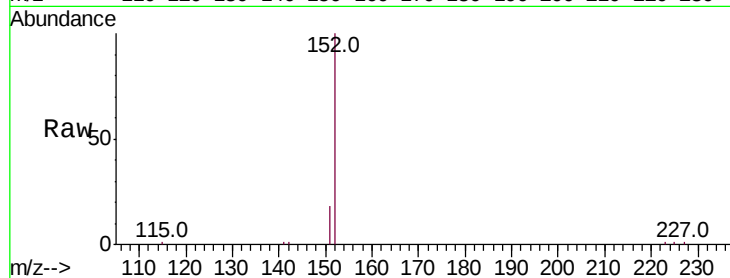
Ion Ratio Lower Upper

152 100

151 18.8 15.4 23.0

Manual Integrations
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#12

2-Methylnaphthalene

Concen: 0.378 ng

RT: 12.13 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

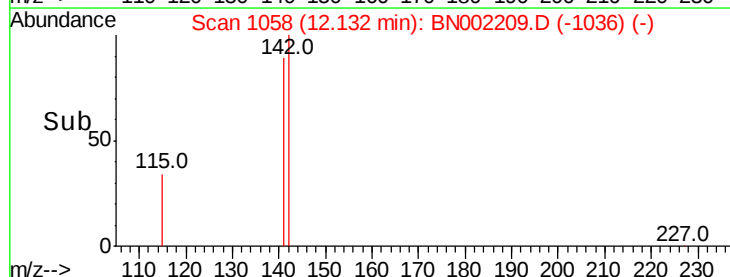
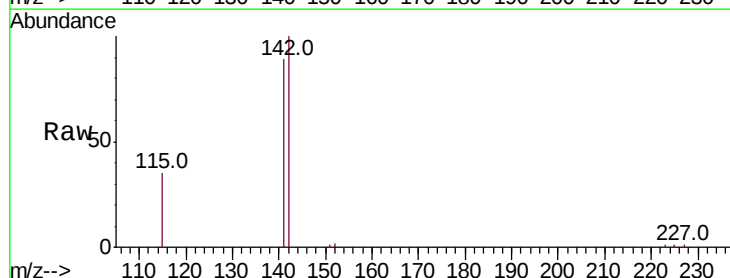
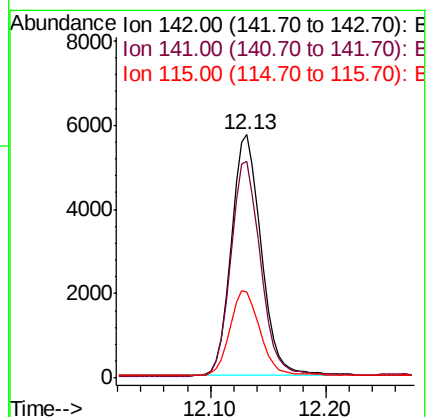
Tgt Ion:142 Resp: 10024

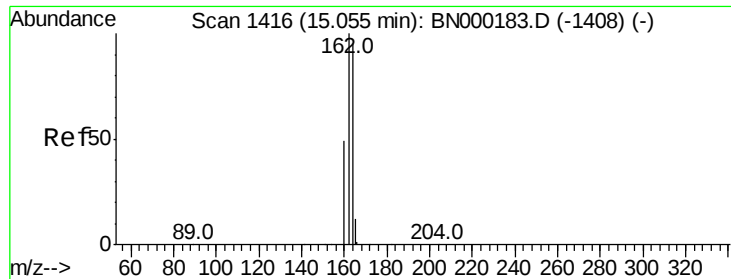
Ion Ratio Lower Upper

142 100

141 89.1 70.4 105.6

115 35.3 31.7 47.5





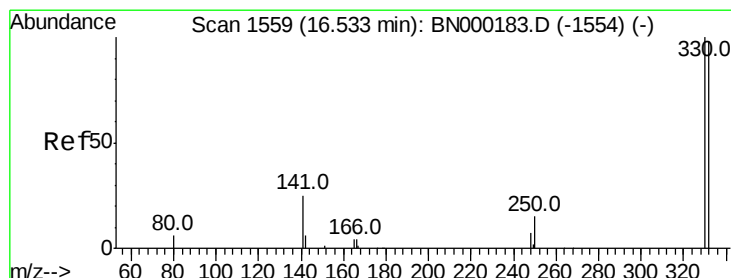
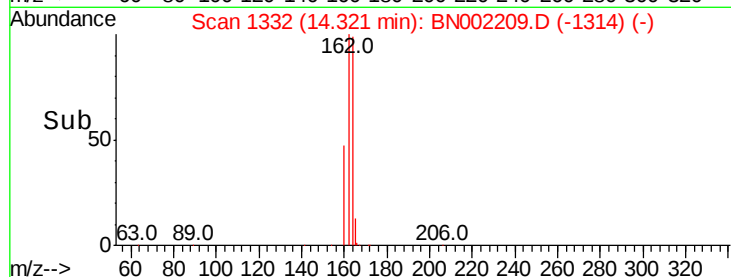
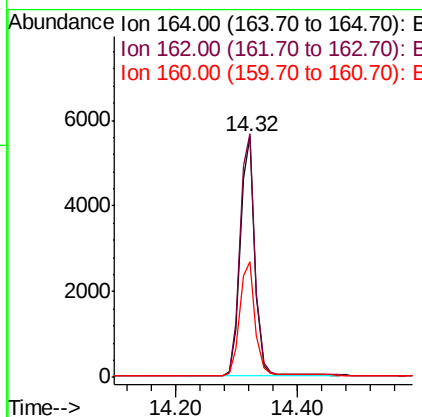
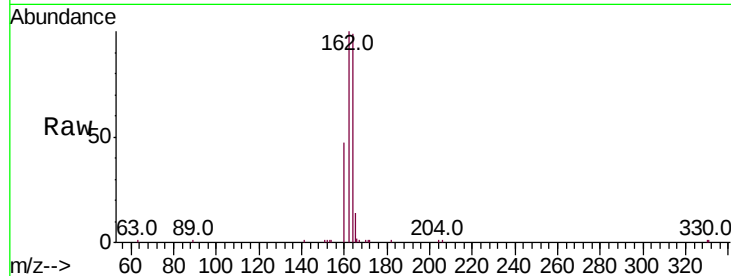
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :
PB111543BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.1	124.7
160	47.8	37.1	55.7

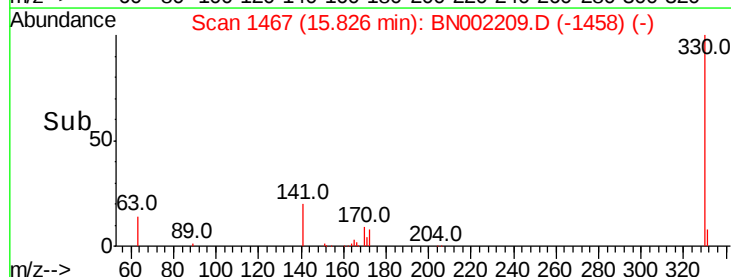
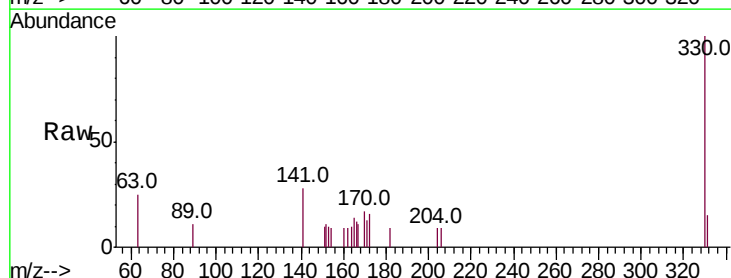
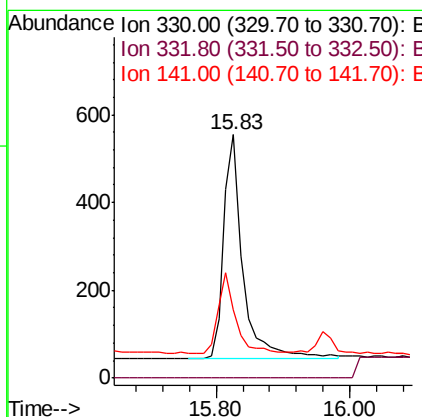
Manual Integrations
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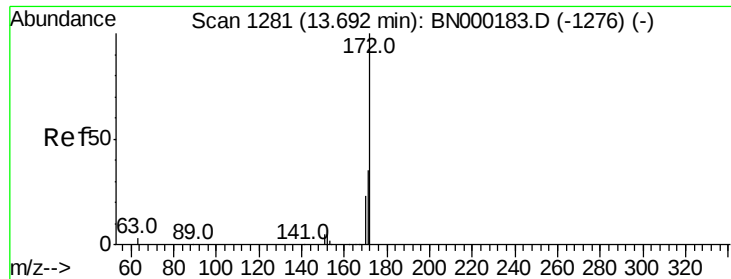
Sohil
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#14
2,4,6-Tribromophenol
Concen: 0.264 ng
RT: 15.83 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	33.4	33.7	50.5#





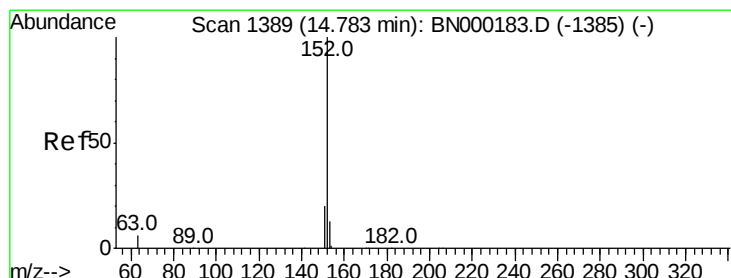
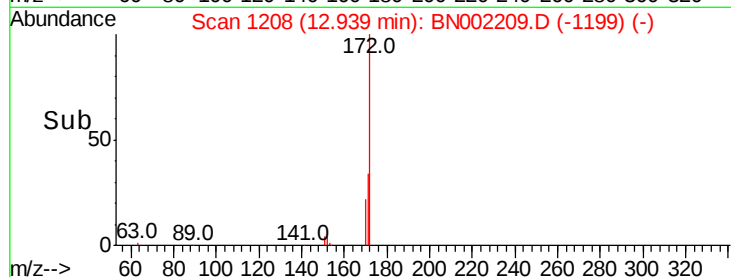
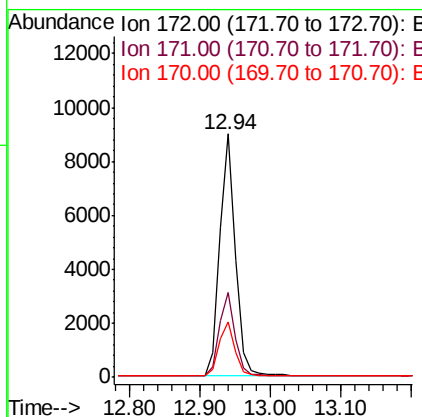
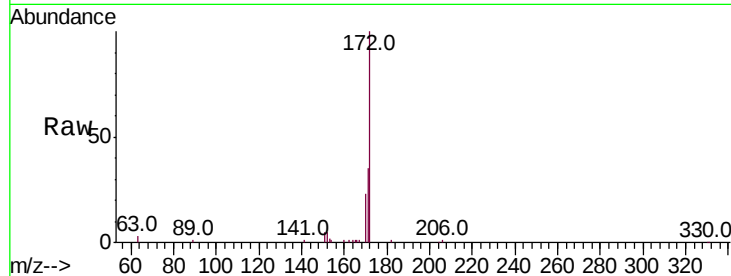
#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :
PB111543BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.9	44.9
170	22.9	21.8	32.8

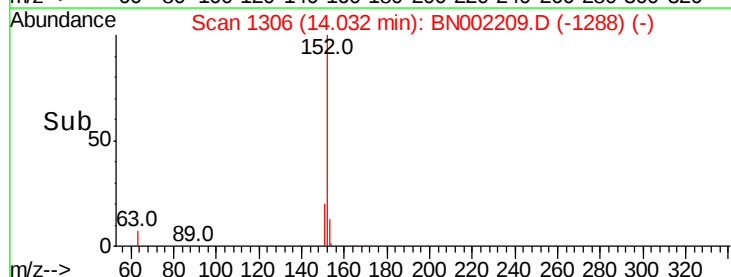
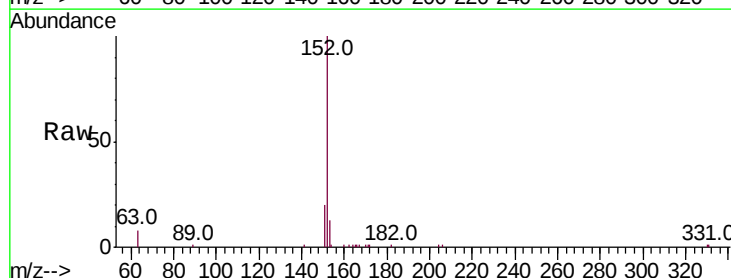
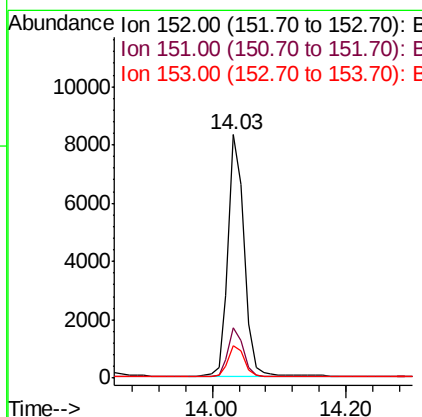
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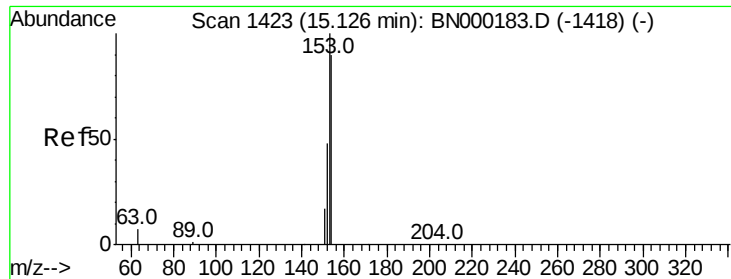
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#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.03 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.9	10.5	15.7





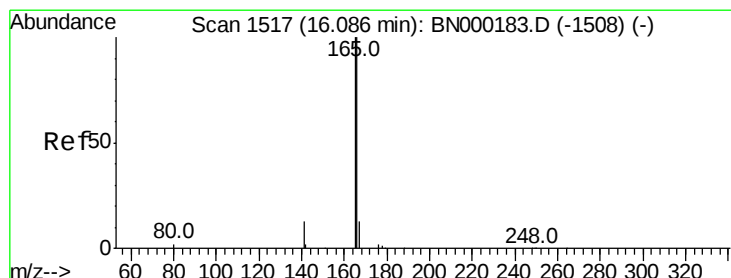
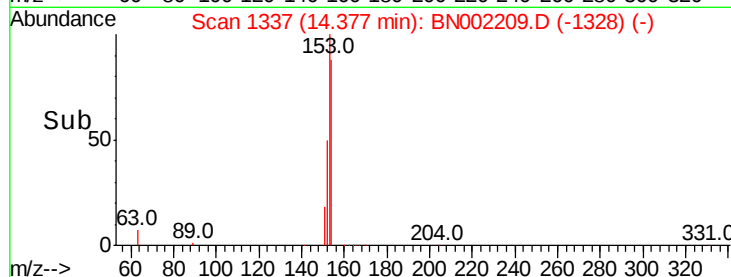
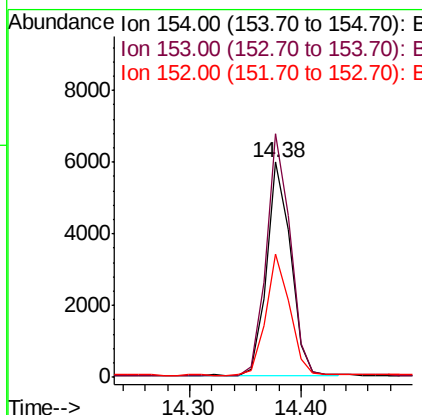
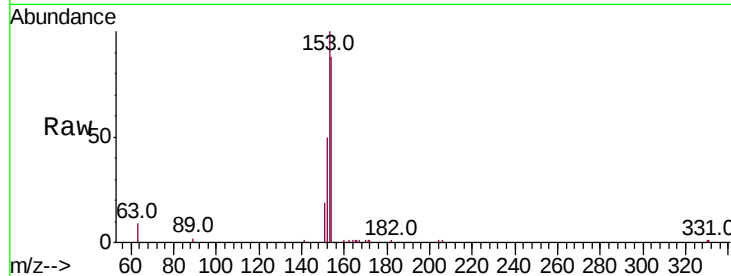
#17
Acenaphthene
Concen: 0.357 ng
RT: 14.38 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :
PB111543BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.2	133.8
152	56.6	42.0	63.0

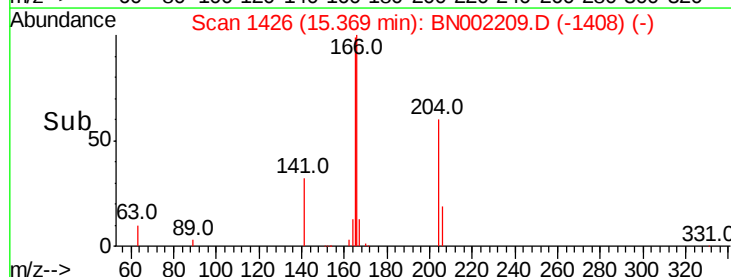
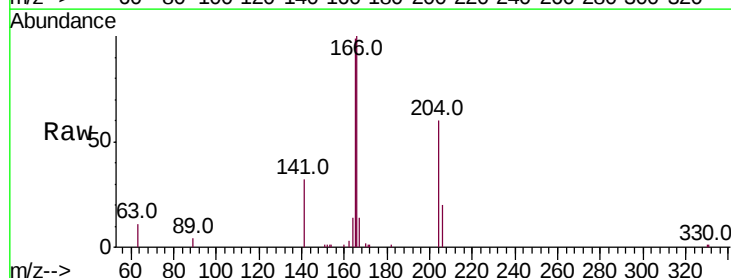
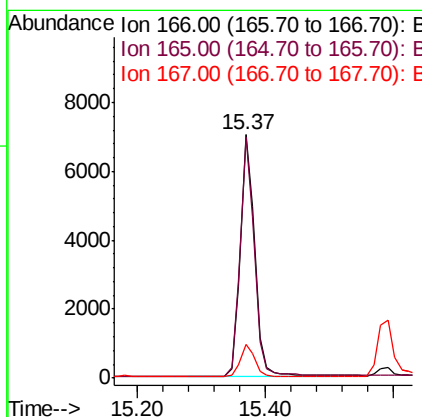
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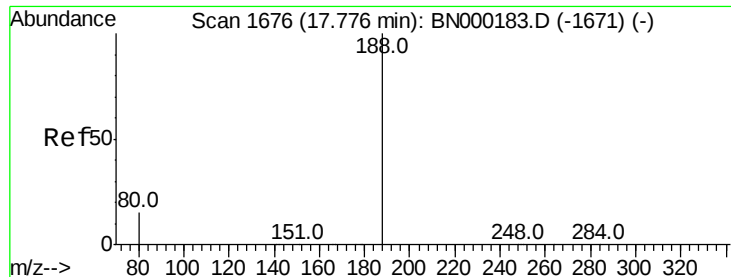
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#18
Fluorene
Concen: 0.362 ng
RT: 15.37 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.6
167	13.5	42.4	63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

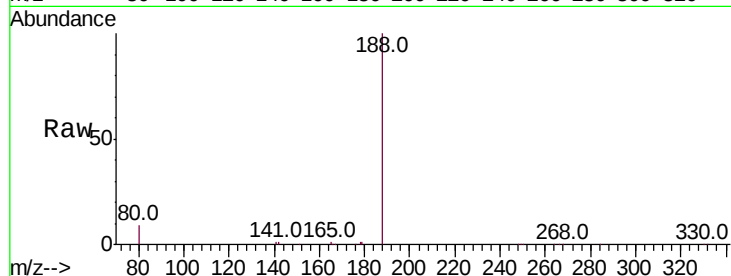
ClientSampleId :

PB111543BS

Tot Ion:	188	Resp:	18739
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	8.9	3.6	5.4#

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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

17.07

10000

5000

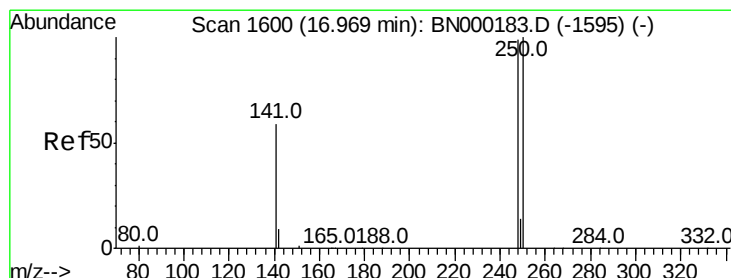
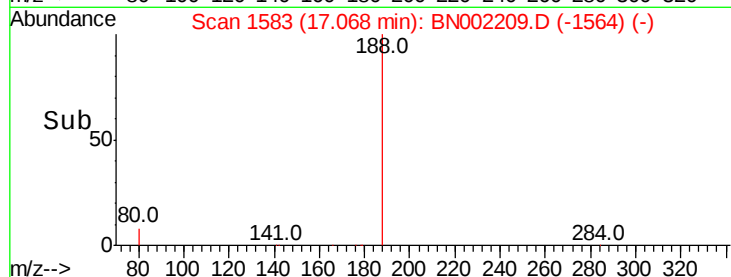
0

17.00

17.20

17.40

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.342 ng

RT: 16.26 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Tgt Ion:	248	Resp:	3630
Ion Ratio	Lower	Upper	
248	100		
250	92.1	62.7	94.1
141	75.7	48.2	72.2#

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

16.26

3000

2500

2000

1500

1000

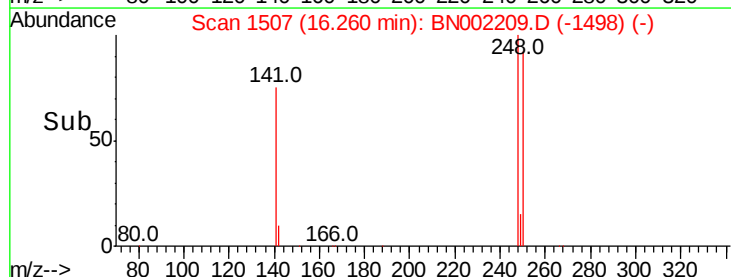
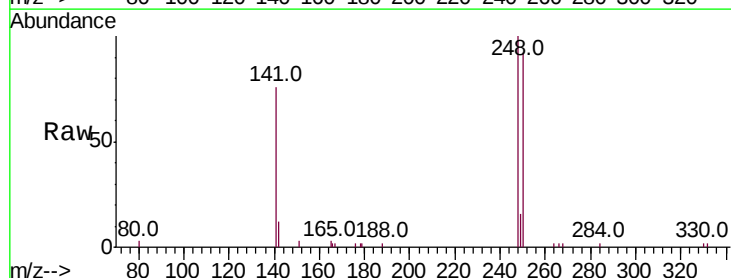
500

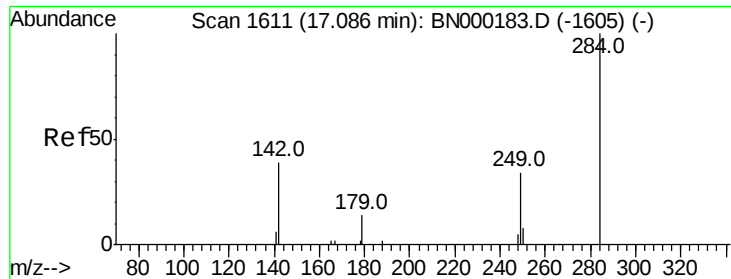
0

16.20

16.30

Time-->





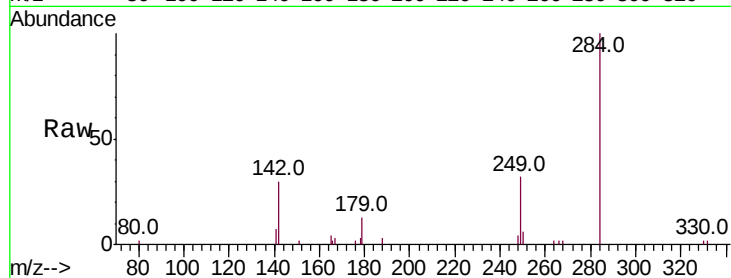
#21
Hexachlorobenzene
Concen: 0.342 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :
PB111543BS

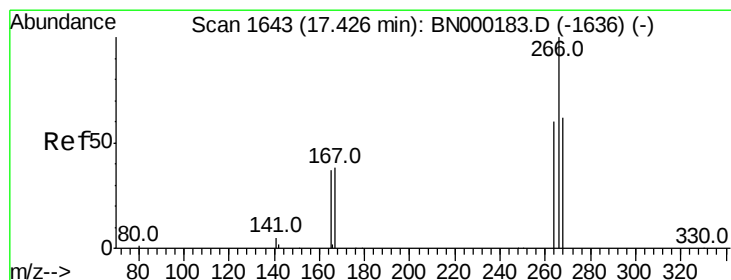
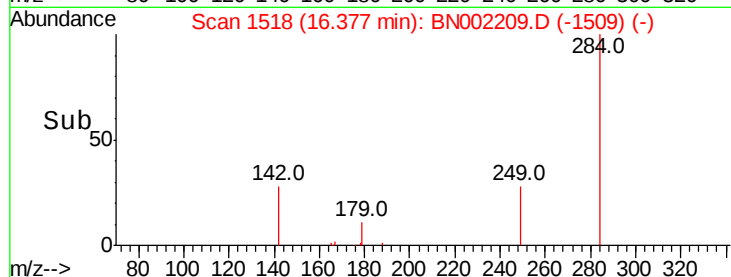
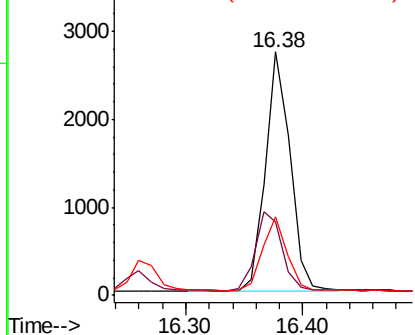
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.9	32.0	48.0
249	30.3	24.0	36.0

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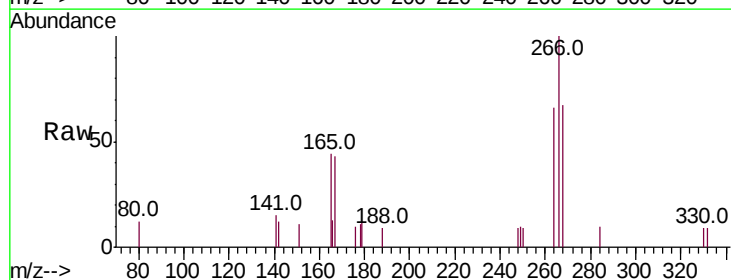


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

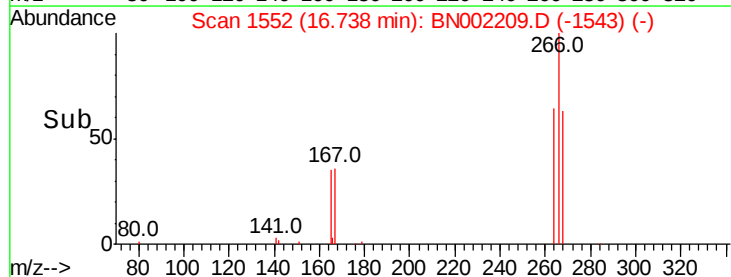
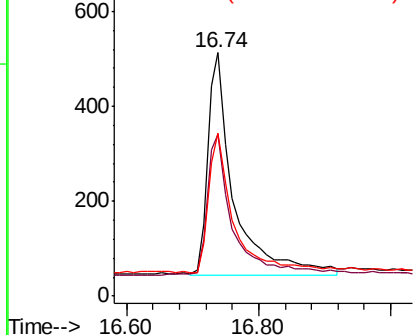


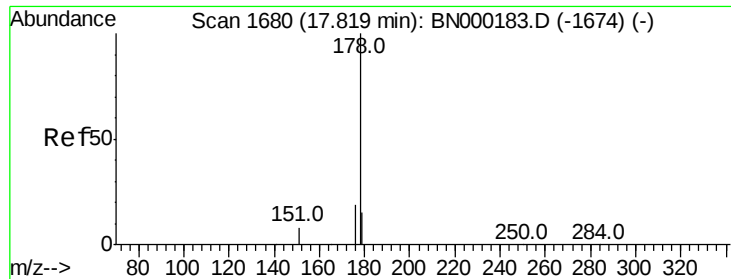
#22
Pentachlorophenol
Concen: 0.533 ng m
RT: 16.74 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.5	48.0	72.0
268	66.9	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





#23

Phenanthrene

Concen: 0.366 ng

RT: 17.11 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

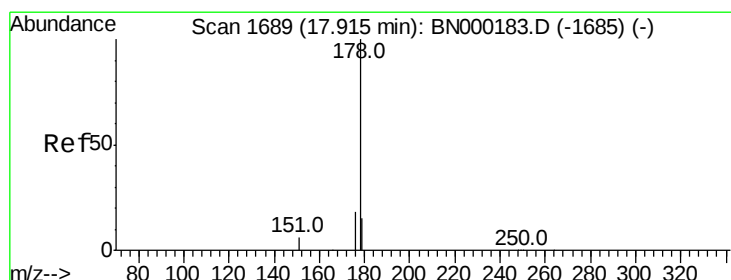
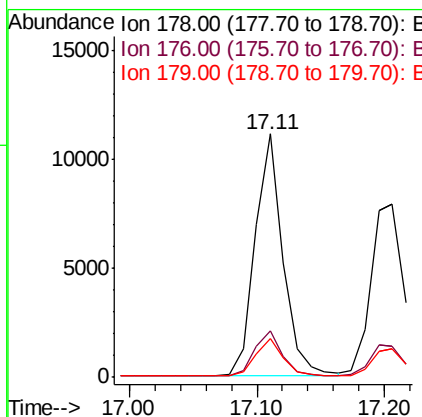
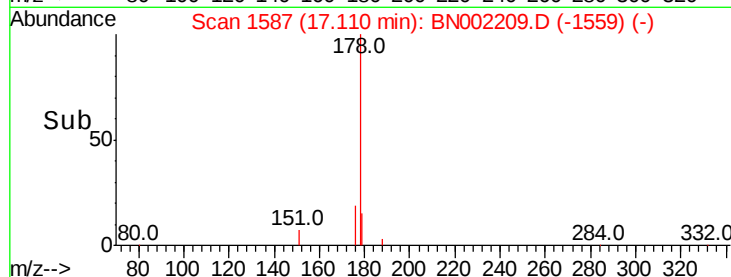
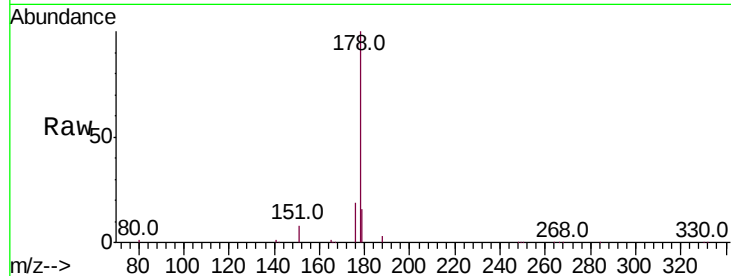
ClientSampleId :

PB111543BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.4	11.8	17.6

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#24

Anthracene

Concen: 0.368 ng

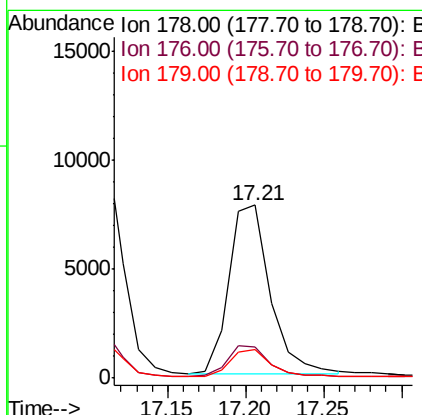
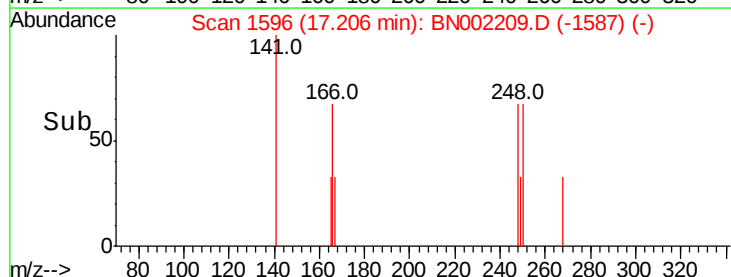
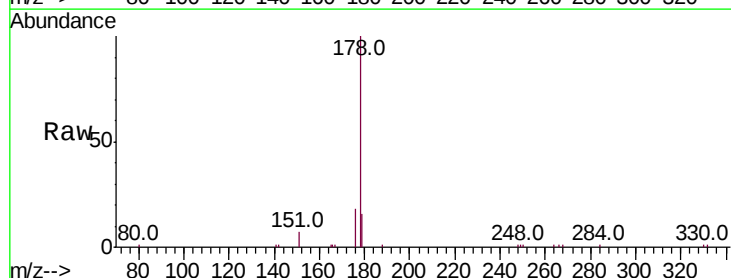
RT: 17.21 min Scan# 1596

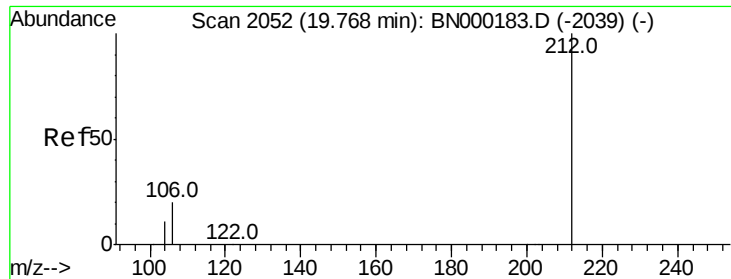
Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	12.8	19.2
179	15.5	13.0	19.6





#25

Fluoranthene-d10

Concen: 0.320 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

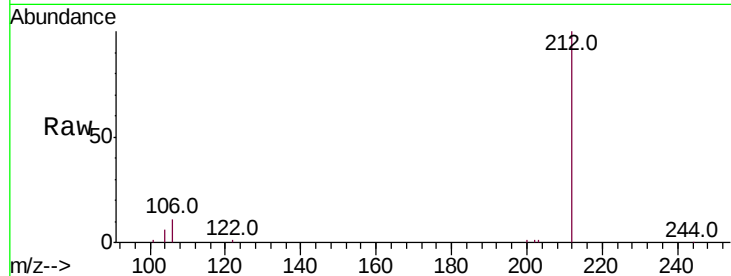
ClientSampleId :

PB111543BS

Tot Ion	Ratio	Lower	Upper
212	100		
106	11.5	2.8	4.2#
104	6.7	1.6	2.4#

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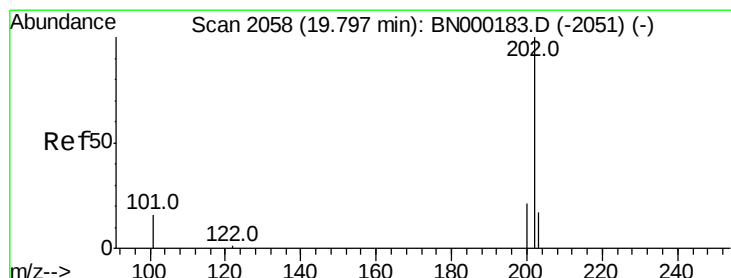
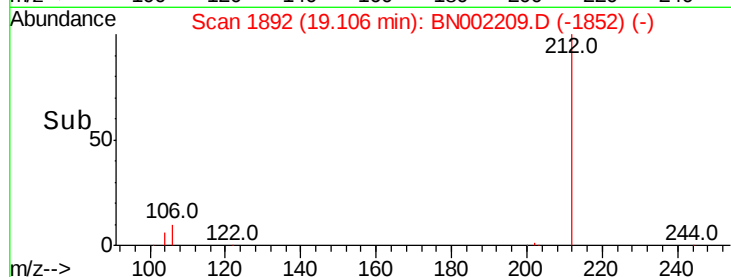
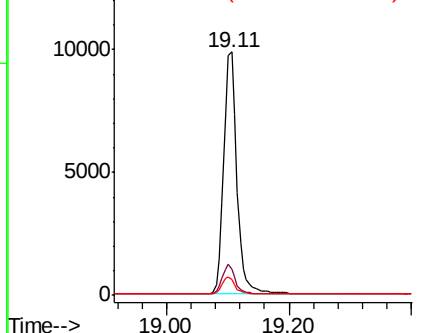
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Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.327 ng

RT: 19.14 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BN002209.D

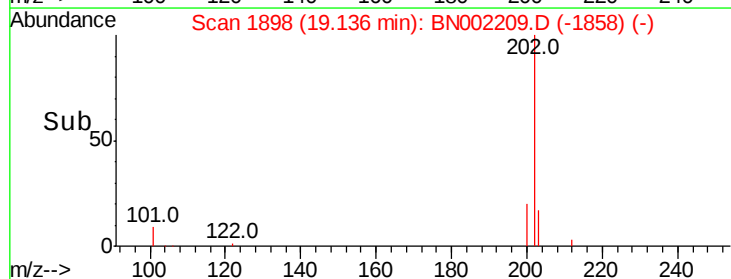
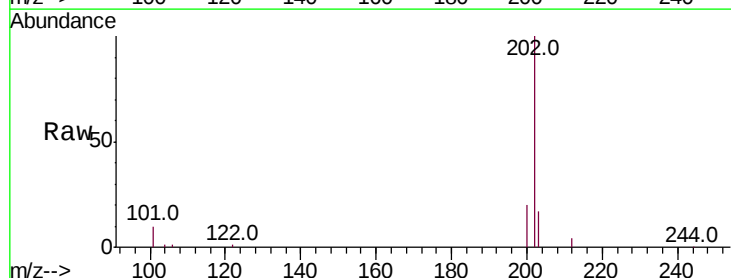
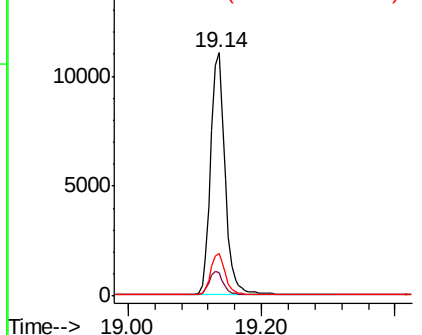
Acq: 31 Jul 2018 13:55

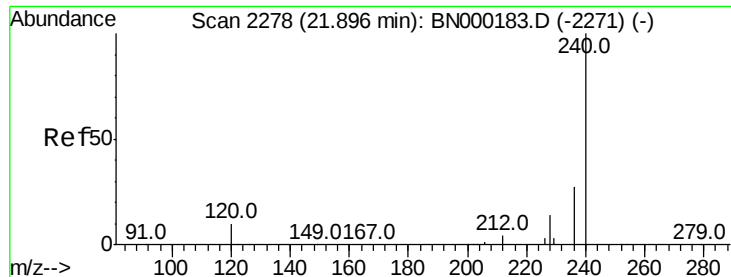
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.8	14.8#
203	16.9	13.7	20.5

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





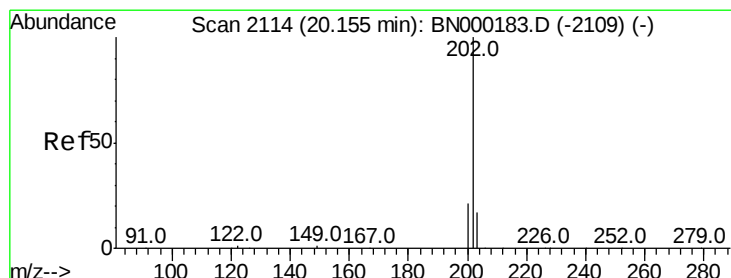
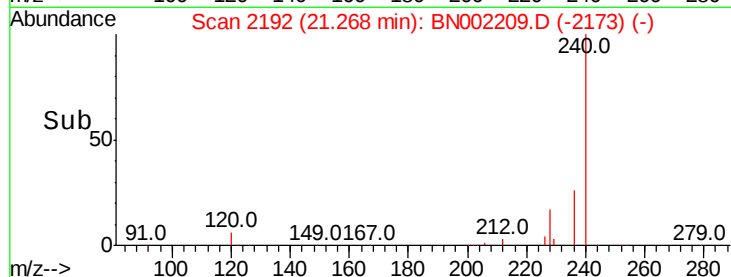
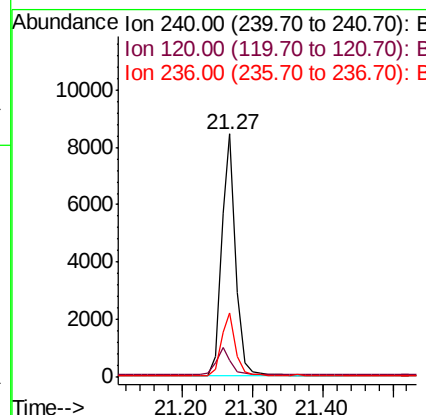
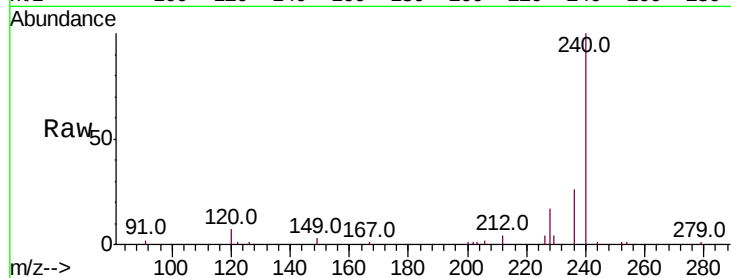
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :
PB111543BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.5	8.3
236	26.2	20.7	31.1

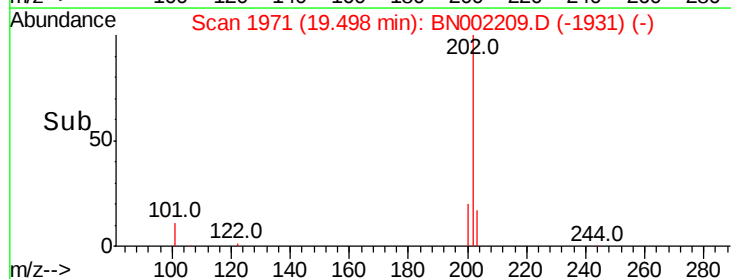
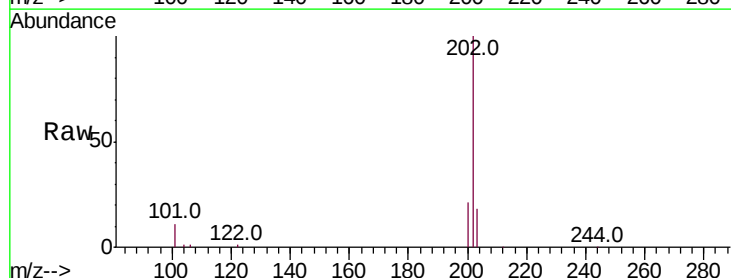
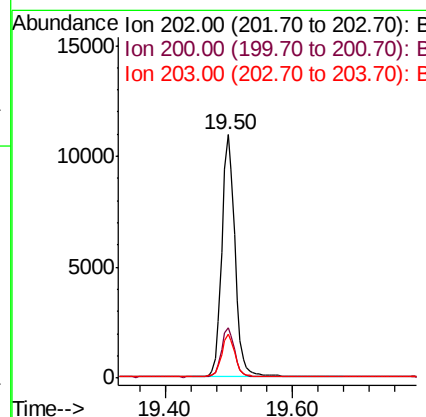
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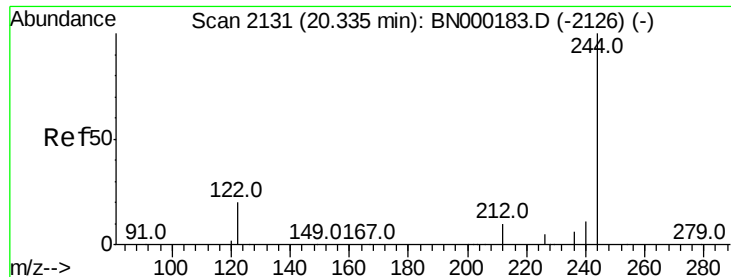
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#28
Pyrene
Concen: 0.450 ng
RT: 19.50 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	25.0
203	18.0	13.8	20.8





#29

Terphenyl-d14

Concen: 0.387 ng

RT: 19.71 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

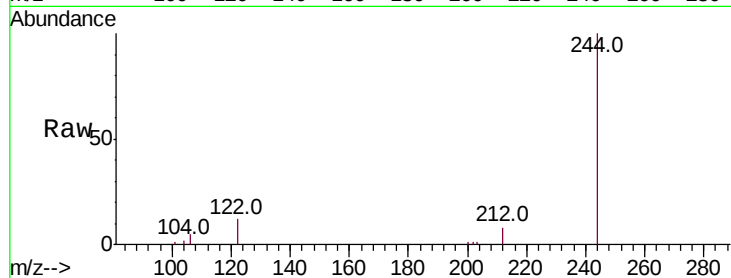
ClientSampleId :

PB111543BS

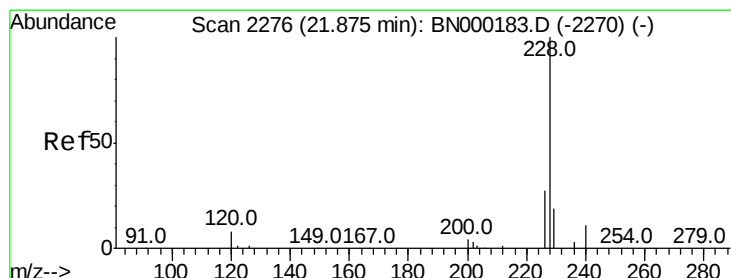
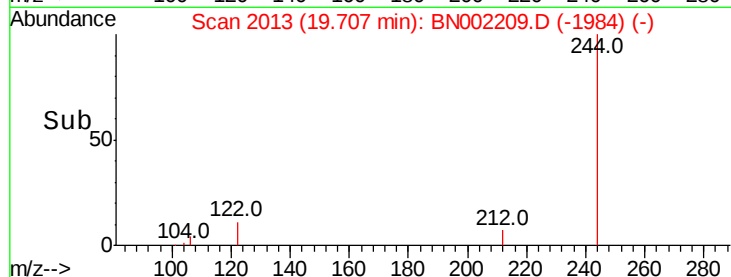
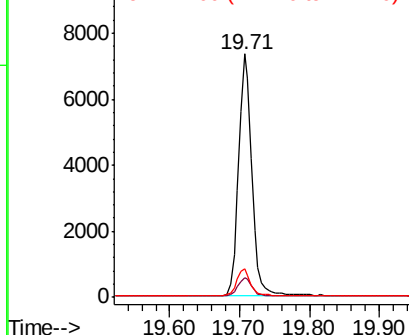
Tot Ion:	244	Resp:	9850
Ion Ratio	Lower	Upper	
244	100		
212	8.2	25.4	38.0#
122	11.8	8.1	12.1

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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



#30

Benzo(a)anthracene

Concen: 0.381 ng

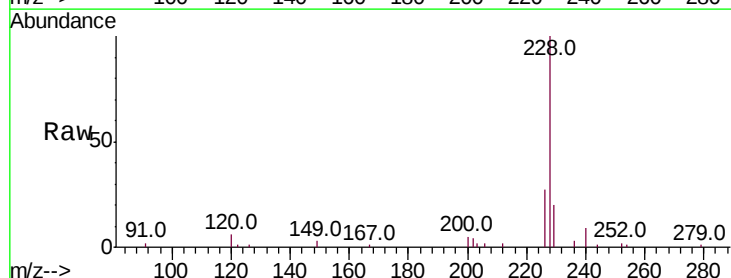
RT: 21.25 min Scan# 2190

Delta R.T. -0.01 min

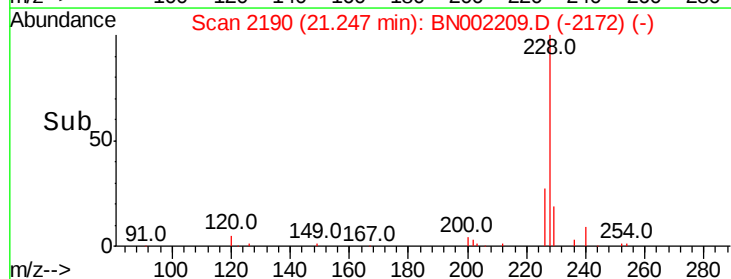
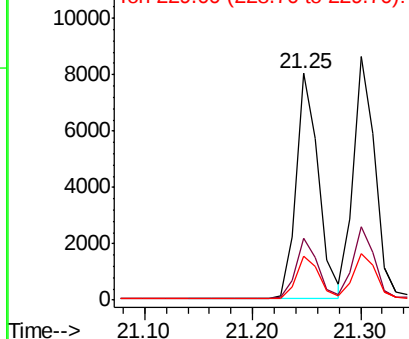
Lab File: BN002209.D

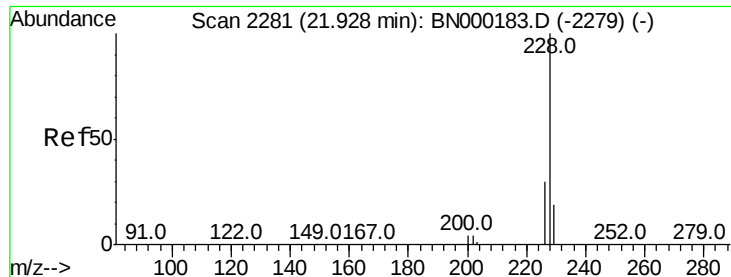
Acq: 31 Jul 2018 13:55

Tgt Ion:	228	Resp:	11430
Ion Ratio	Lower	Upper	
228	100		
226	27.5	24.0	36.0
229	19.7	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.355 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

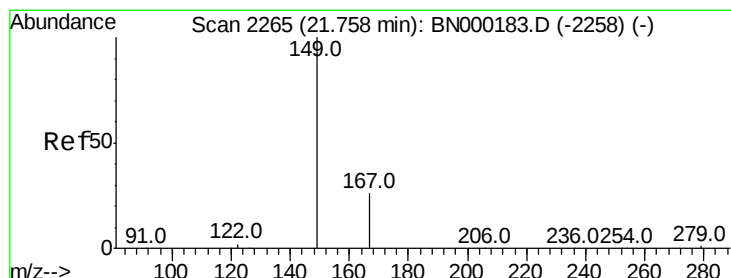
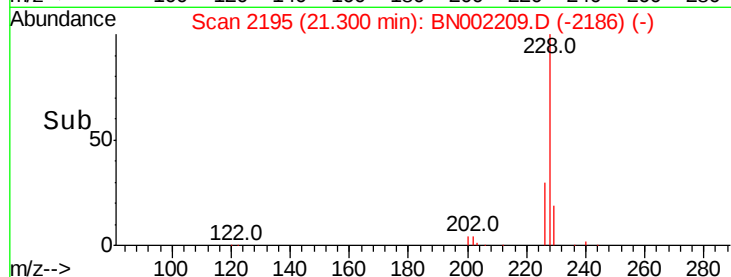
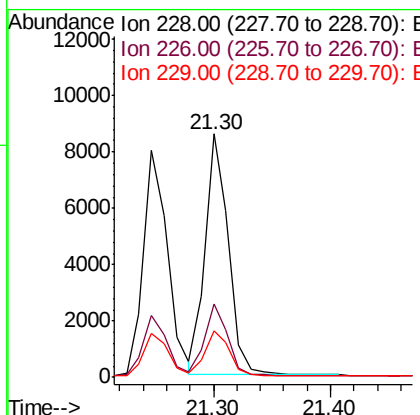
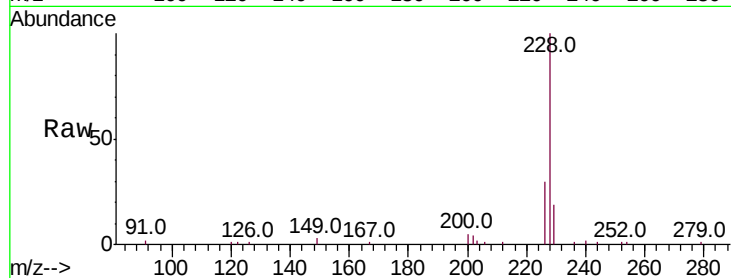
ClientSampleId :

PB111543BS

Tot Ion:228	Resp:	11918
Ion Ratio	Lower	Upper
228 100		
226 30.1	24.0	36.0
229 19.4	16.0	24.0

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.390 ng

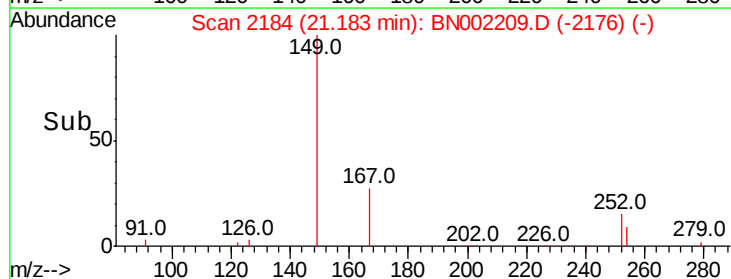
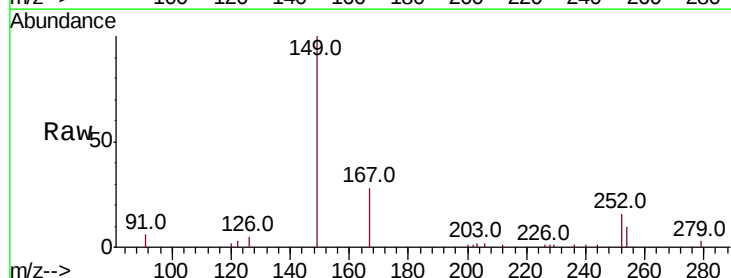
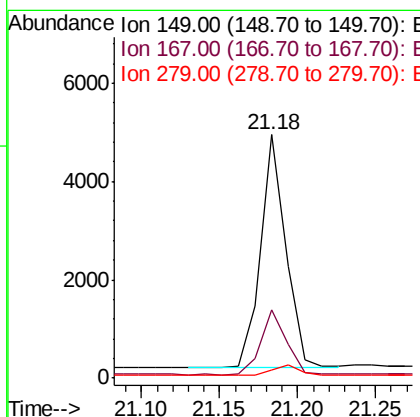
RT: 21.18 min Scan# 2184

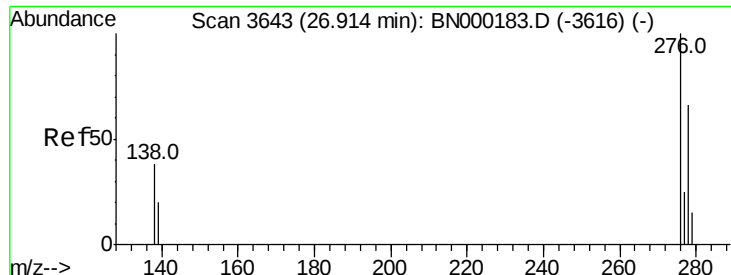
Delta R.T. -0.01 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Tgt Ion:149	Resp:	5339
Ion Ratio	Lower	Upper
149 100		
167 27.9	20.0	30.0
279 4.4	1.6	2.4





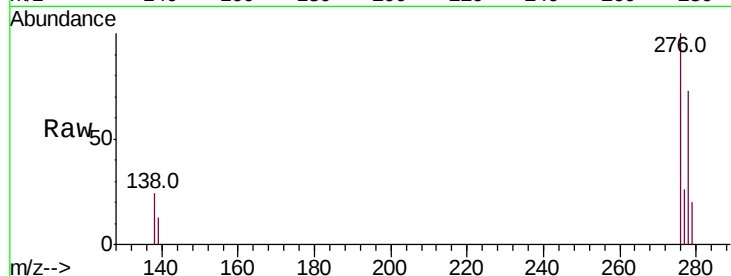
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.357 ng
 RT: 25.72 min Scan# 3269
 Delta R.T. -0.00 min
 Lab File: BN002209.D
 Acq: 31 Jul 2018 13:55

Instrument :
 BNA_N
 ClientSampleId :
 PB111543BS

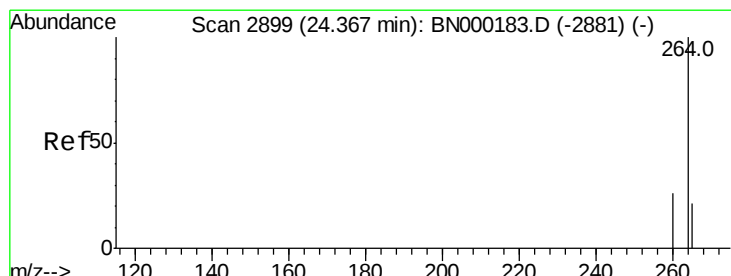
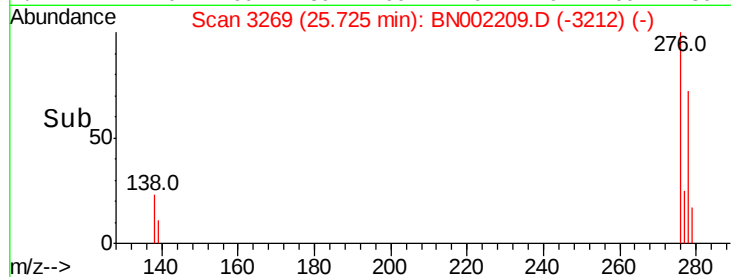
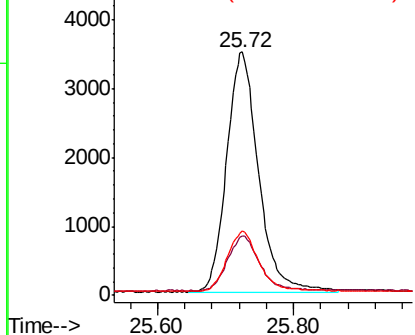
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.9	22.5	33.7
277	24.7	19.9	29.9

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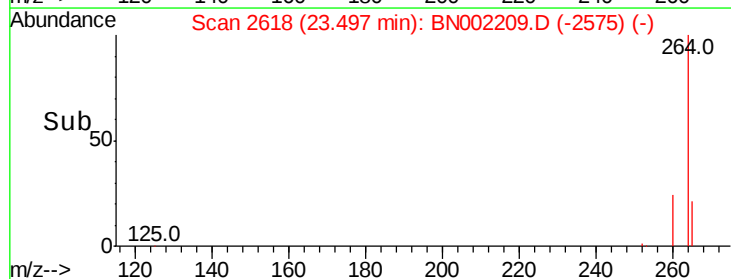
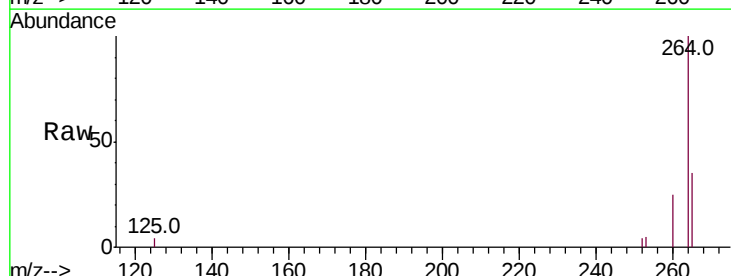
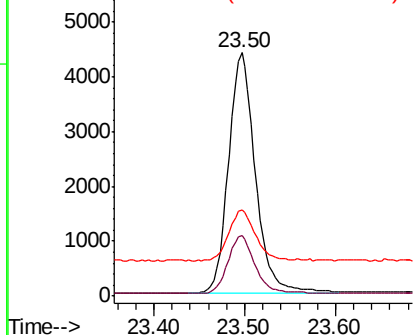
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

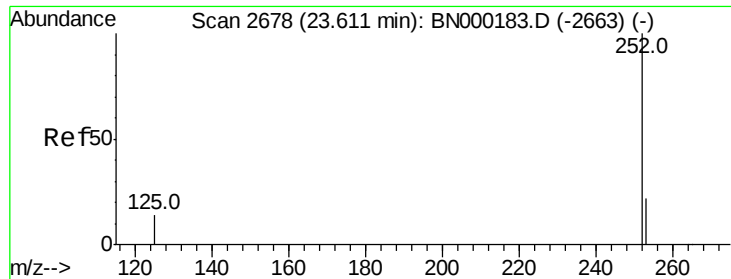


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2618
 Delta R.T. -0.00 min
 Lab File: BN002209.D
 Acq: 31 Jul 2018 13:55

Tgt 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





#35

Benzo(b)fluoranthene

Concen: 0.371 ng

RT: 22.83 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

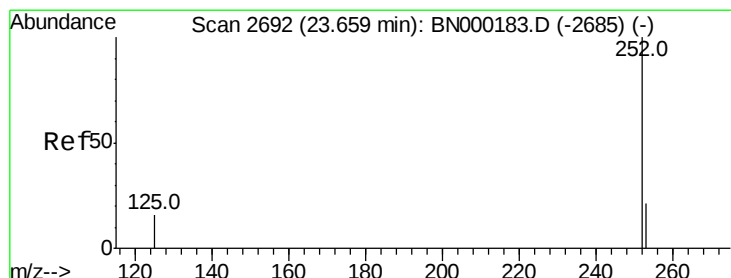
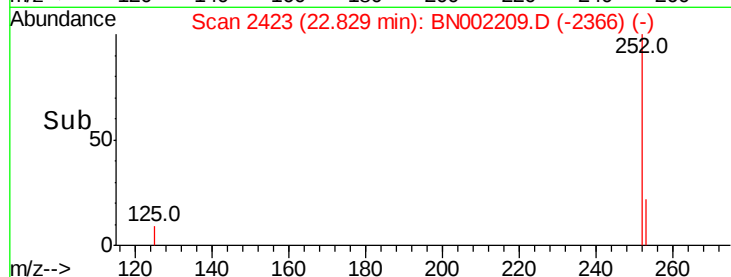
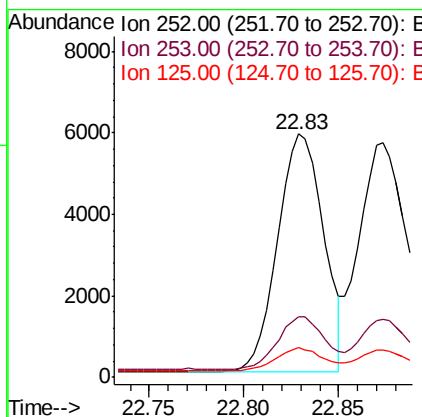
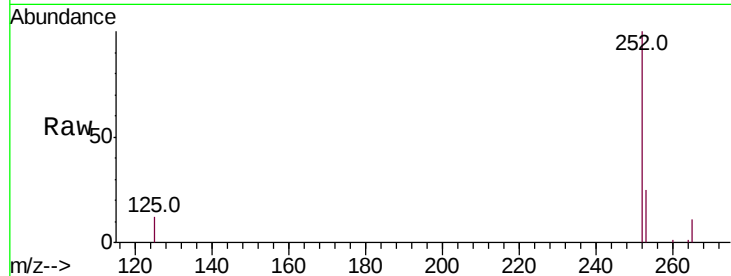
ClientSampleId :

PB111543BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.0	30.0
125	12.1	16.0	24.0

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#36

Benzo(k)fluoranthene

Concen: 0.372 ng

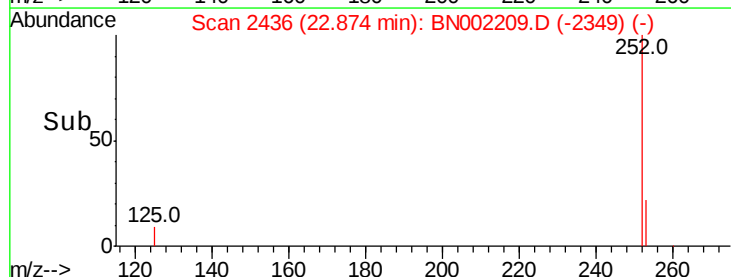
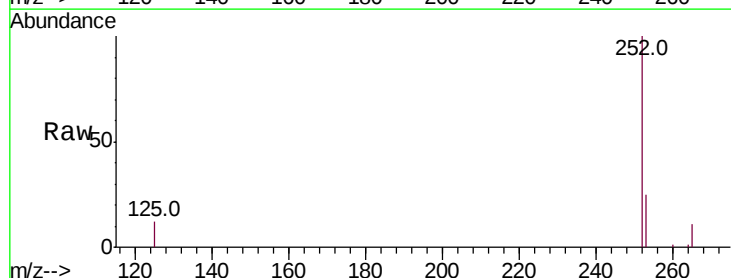
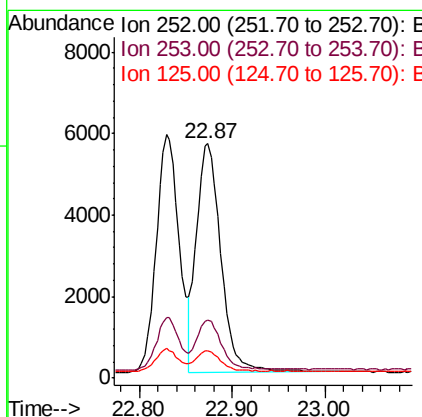
RT: 22.87 min Scan# 2436

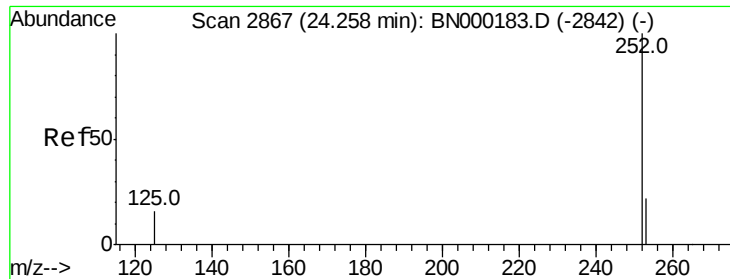
Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	16.0	24.0
125	11.7	8.0	12.0





#37

Benzo(a)pyrene

Concen: 0.381 ng

RT: 23.40 min Scan# 2589

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

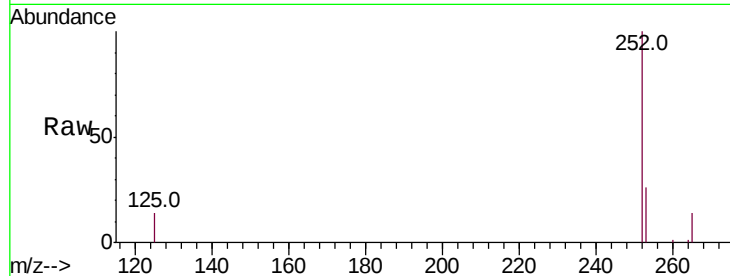
ClientSampleId :

PB111543BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	16.0	24.0
125	13.8	12.0	18.0

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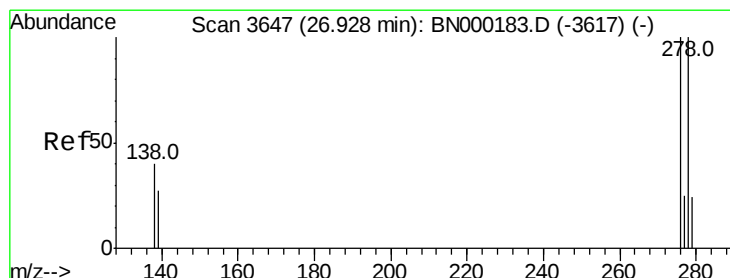
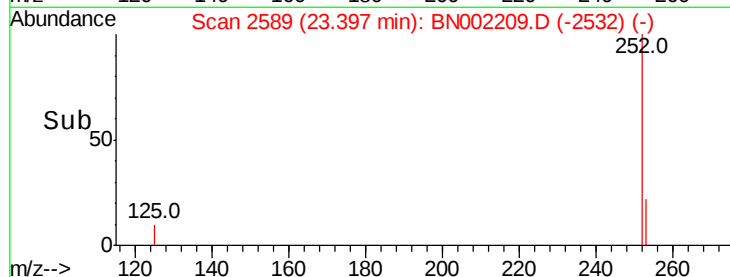
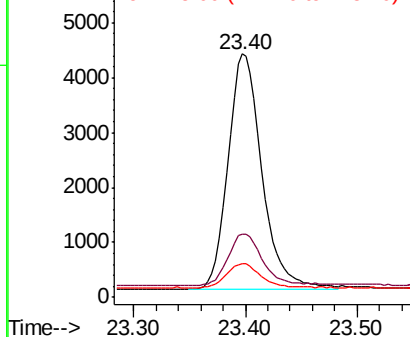


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.405 ng

RT: 25.74 min Scan# 3272

Delta R.T. -0.01 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

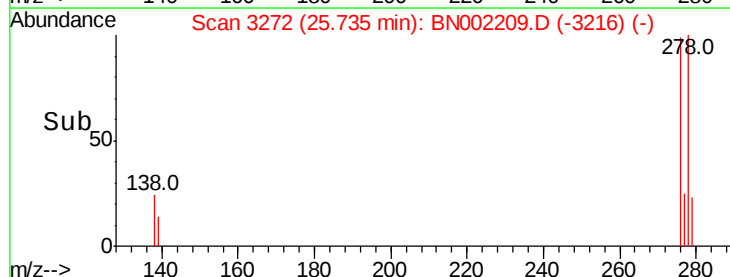
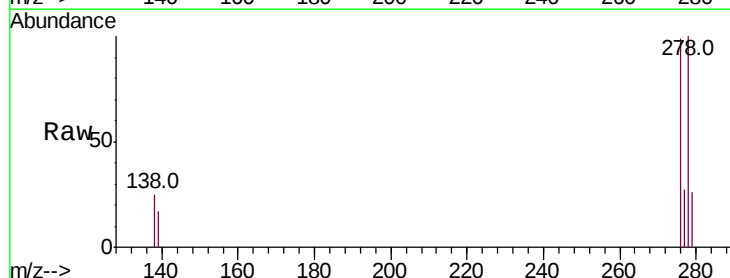
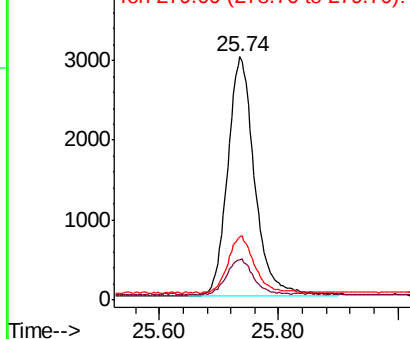
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	16.0	24.0
279	26.2	20.0	30.0

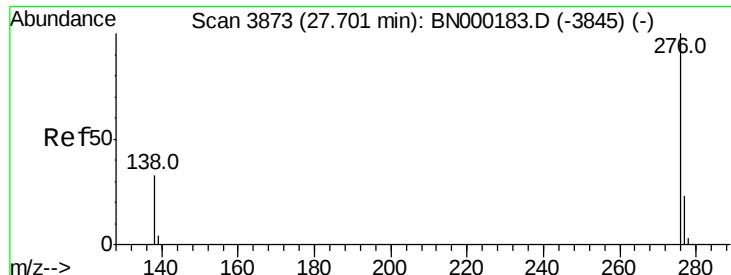
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.422 ng

RT: 26.40 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

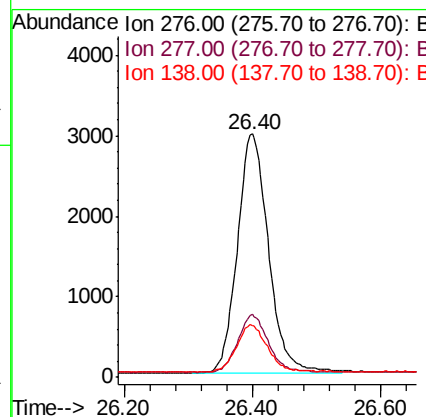
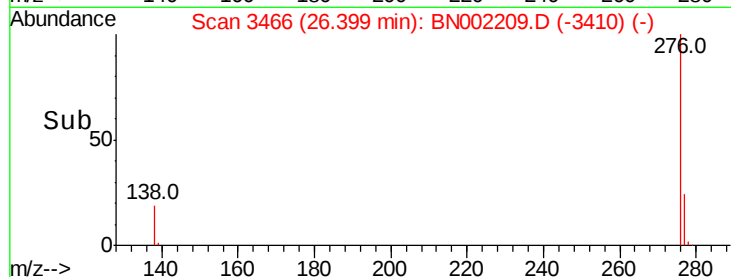
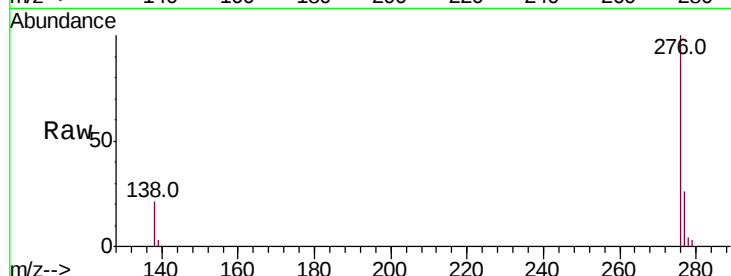
ClientSampleId :

PB111543BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.8	16.0	24.0#
138	21.4	20.0	30.0

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Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
 Data File : BN002209.D
 Acq On : 31 Jul 2018 13:55
 Operator : JU/SJ
 Sample : PB111543BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB111543BS

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Quant Time: Jul 31 16:29:06 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	7.69	152	4329	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	17372	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	9090	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	18739	0.40	ng	0.00
27) Chrysene-d12	21.27	240	11910	0.40	ng	0.00
34) Perylene-d12	23.50	264	8955	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	3530	0.35	ng	0.00
5) Phenol-d6	6.88	99	4433m	0.36	ng	0.00
8) Nitrobenzene-d5	8.84	82	4810	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	9452	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1024	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	14214	0.41	ng	0.00
25) Fluoranthene-d10	19.11	212	14821	0.32	ng	0.00
29) Terphenyl-d14	19.71	244	9850	0.39	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1268	0.260	ng	# 64
3) n-Nitrosodimethylamine	3.61	42	1275	0.401	ng	# 85
6) bis(2-Chloroethyl)ether	7.13	93	4110	0.348	ng	91
9) Naphthalene	10.52	128	14599	0.373	ng	97
10) Hexachlorobutadiene	10.80	225	2687	0.317	ng	# 54
12) 2-Methylnaphthalene	12.13	142	10024	0.378	ng	97
16) Acenaphthylene	14.03	152	13908	0.358	ng	100
17) Acenaphthene	14.38	154	8930	0.357	ng	97
18) Fluorene	15.37	166	11131	0.362	ng	# 80
20) 4-Bromophenyl-phenylether	16.26	248	3630	0.342	ng	# 82
21) Hexachlorobenzene	16.38	284	4013	0.342	ng	96
22) Pentachlorophenol	16.74	266	1290m	0.533	ng	
23) Phenanthrene	17.11	178	17081	0.366	ng	99
24) Anthracene	17.21	178	14196	0.368	ng	96
26) Fluoranthene	19.14	202	16604	0.327	ng	# 97
28) Pyrene	19.50	202	15850	0.450	ng	99
30) Benzo(a)anthracene	21.25	228	11430	0.381	ng	97
31) Chrysene	21.30	228	11918	0.355	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	5339	0.390	ng	# 94
33) Indeno(1,2,3-cd)pyrene	25.72	276	11288	0.357	ng	95
35) Benzo(b)fluoranthene	22.83	252	9774	0.371	ng	# 92
36) Benzo(k)fluoranthene	22.87	252	10178	0.372	ng	# 91
37) Benzo(a)pyrene	23.40	252	9085	0.381	ng	# 92
38) Dibenzo(a,h)anthracene	25.74	278	9397	0.405	ng	95
39) Benzo(g,h,i)perylene	26.40	276	10002	0.422	ng	# 90

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