

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
 Data File : BN002210.D
 Acq On : 31 Jul 2018 14:30
 Operator : JU/SJ
 Sample : PB111543BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB111543BS

Manual Integrations
 APPROVED

Sohil
 8/1/2018 4:49:32 PM

Quant Time: Jul 31 16:31:51 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	7.69	152	4254	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	17124	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	8879	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	18147	0.40	ng	0.00
27) Chrysene-d12	21.27	240	11396	0.40	ng	0.00
34) Perylene-d12	23.50	264	8876	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	3189	0.32	ng	0.00
5) Phenol-d6	6.88	99	4061m	0.34	ng	0.00
8) Nitrobenzene-d5	8.84	82	4474	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	8792	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	900	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	13007	0.38	ng	0.00
25) Fluoranthene-d10	19.10	212	13419	0.30	ng	0.00
29) Terphenyl-d14	19.71	244	8938	0.37	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.30	88	1145	0.239	ng	# 49
3) n-Nitrosodimethylamine	3.61	42	1162	0.381	ng	# 87
6) bis(2-Chloroethyl)ether	7.13	93	3737	0.322	ng	91
9) Naphthalene	10.52	128	13230	0.343	ng	96
10) Hexachlorobutadiene	10.80	225	2478	0.297	ng	# 55
12) 2-Methylnaphthalene	12.13	142	9056	0.347	ng	98
16) Acenaphthylene	14.03	152	12353	0.326	ng	100
17) Acenaphthene	14.38	154	8029	0.329	ng	97
18) Fluorene	15.37	166	9981	0.333	ng	# 80
20) 4-Bromophenyl-phenylether	16.26	248	3215	0.313	ng	# 79
21) Hexachlorobenzene	16.38	284	3594	0.316	ng	95
22) Pentachlorophenol	16.74	266	979	0.438	ng	93
23) Phenanthrene	17.11	178	15262	0.338	ng	99
24) Anthracene	17.21	178	12681	0.340	ng	96
26) Fluoranthene	19.14	202	14960	0.304	ng	# 97
28) Pyrene	19.50	202	14091	0.418	ng	99
30) Benzo(a)anthracene	21.25	228	10163	0.354	ng	97
31) Chrysene	21.30	228	10711	0.334	ng	100
32) Bis(2-ethylhexyl)phthalate	21.18	149	4706	0.359	ng	# 95
33) Indeno(1,2,3-cd)pyrene	25.73	276	10566	0.350	ng	# 94
35) Benzo(b)fluoranthene	22.83	252	9259	0.355	ng	# 92
36) Benzo(k)fluoranthene	22.88	252	9202	0.340	ng	# 91
37) Benzo(a)pyrene	23.40	252	8504	0.360	ng	# 93
38) Dibenzo(a,h)anthracene	25.74	278	8658	0.376	ng	95
39) Benzo(g,h,i)perylene	26.40	276	9330	0.397	ng	# 91

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

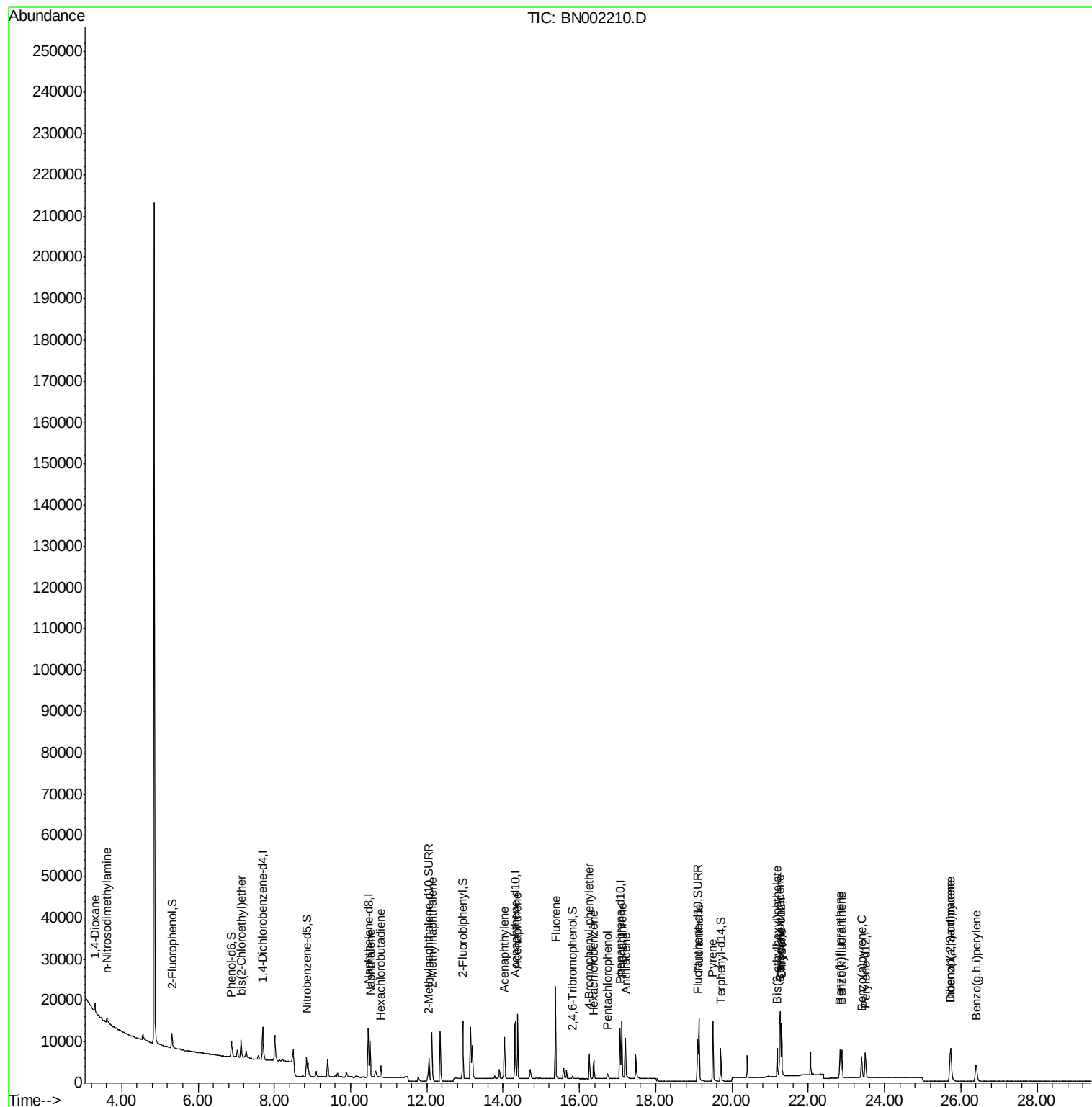
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
Data File : BN002210.D
Acq On : 31 Jul 2018 14:30
Operator : JU/SJ
Sample : PB111543BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

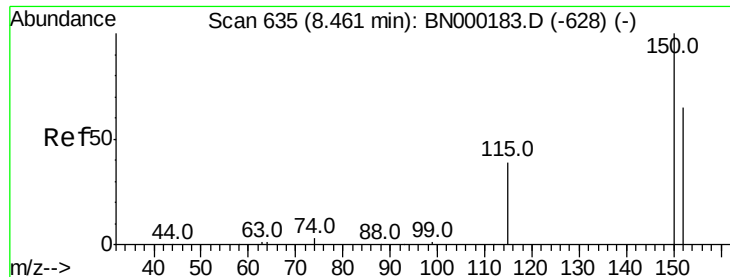
Instrument :
BNA_N
ClientSampleId :
PB111543BS

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8/1/2018 4:49:32 PM

Quant Time: Jul 31 16:31:51 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 579

Delta R.T. 0.00 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

Instrument :

BNA_N

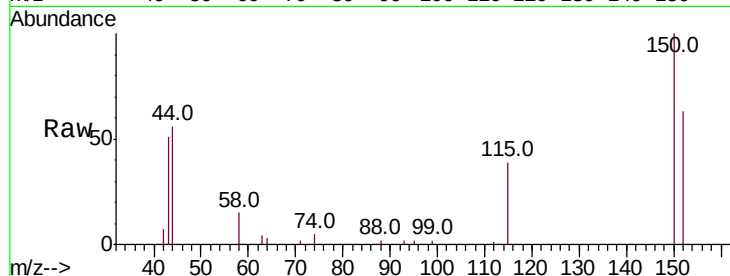
ClientSampleId :

PB111543BS

Tot Ion:	152	Resp:	4254
Ion	Ratio	Lower	Upper
152	100		
150	159.3	117.2	175.8
115	62.5	57.0	85.6

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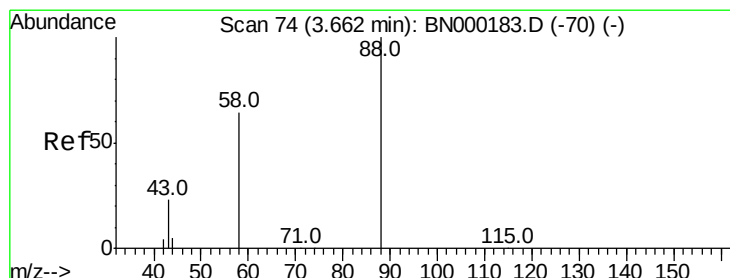
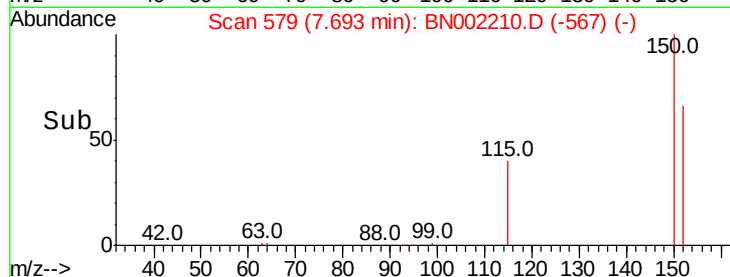
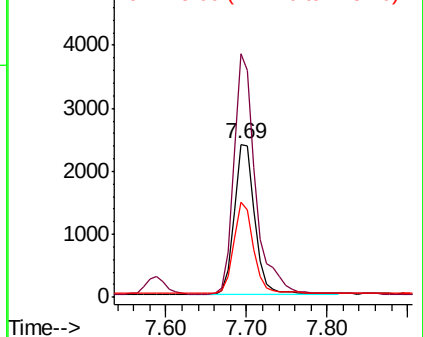


Abundance

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: 0.239 ng

RT: 3.30 min Scan# 33

Delta R.T. 0.01 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

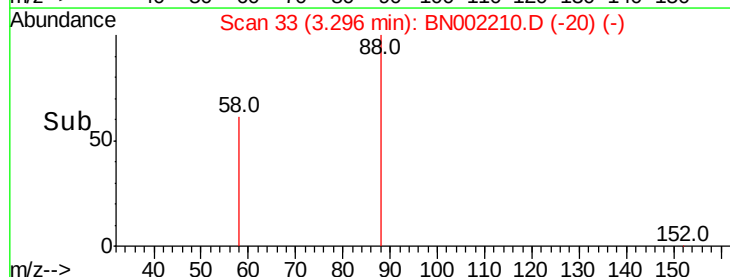
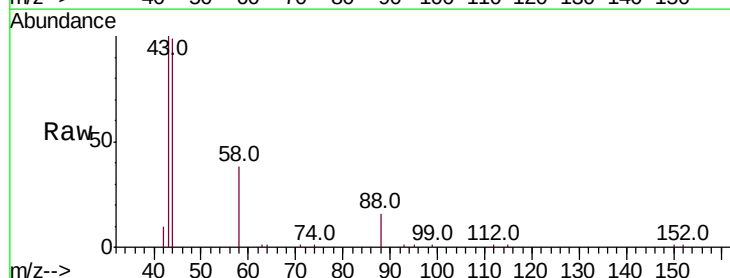
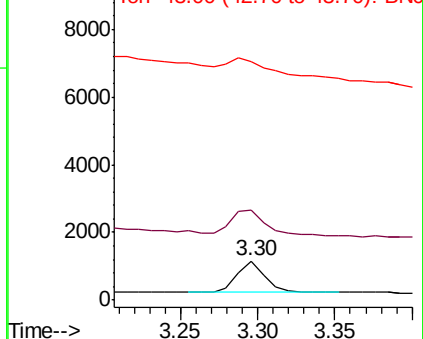
Tgt Ion:	88	Resp:	1145
Ion	Ratio	Lower	Upper
88	100		
58	113.3	72.0	108.0#
43	104.5	28.0	42.0#

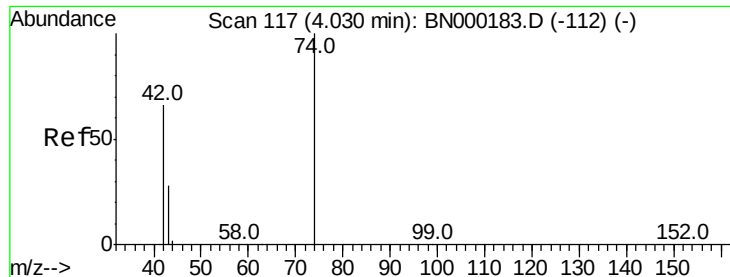
Abundance

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: 0.381 ng

RT: 3.61 min Scan# 72

Delta R.T. 0.00 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

Instrument :

BNA_N

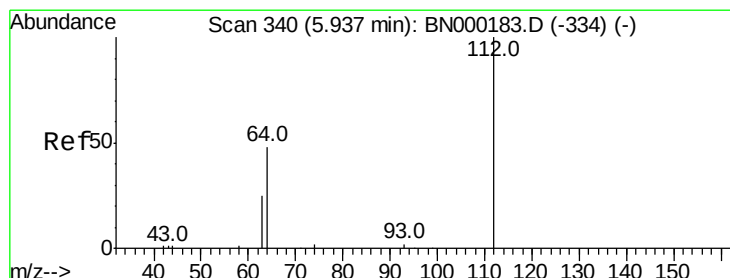
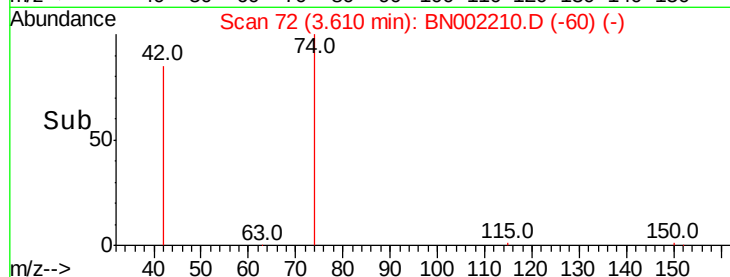
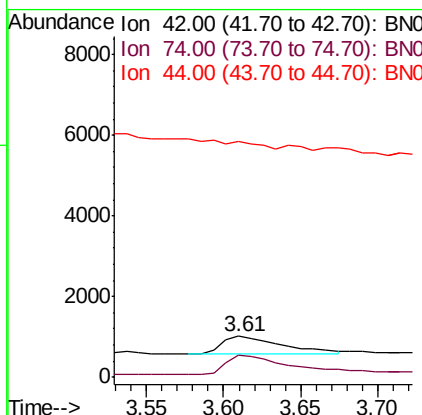
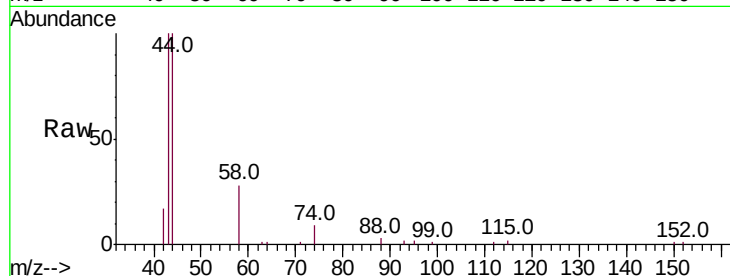
ClientSampleId :

PB111543BS

Tot Ion:	42	Resp:	1162
Ion	Ratio	Lower	Upper
42	100		
74	117.8	88.0	132.0
44	0.0	16.0	24.0#

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#4

2-Fluorophenol

Concen: 0.321 ng

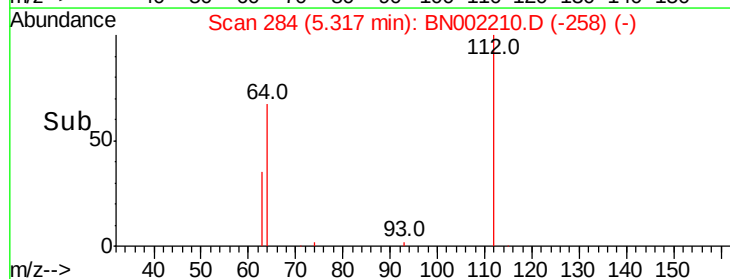
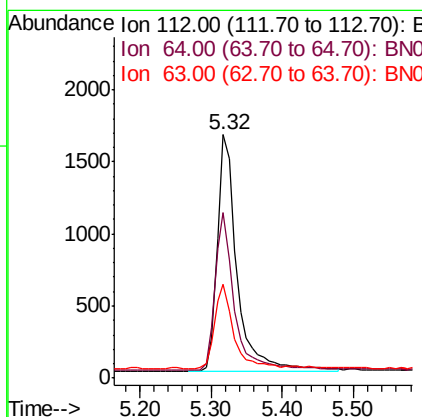
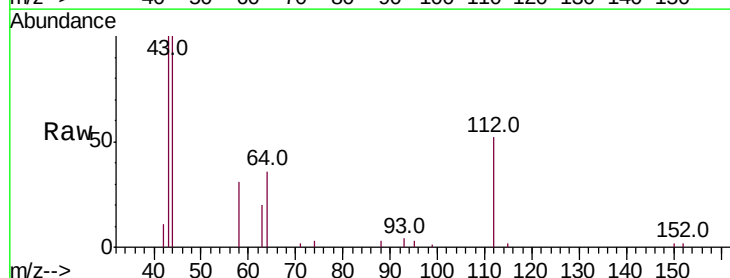
RT: 5.32 min Scan# 284

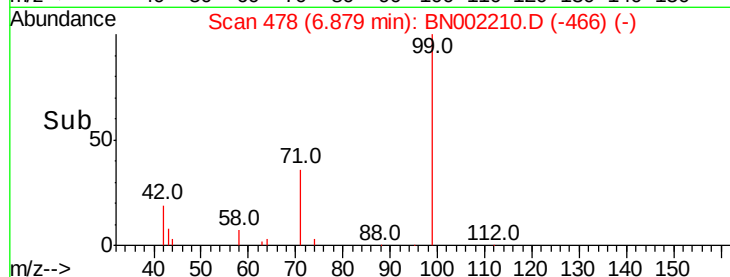
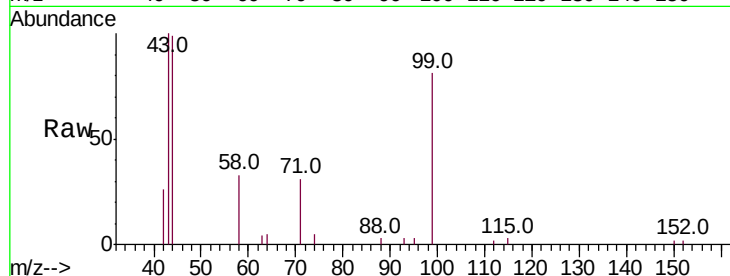
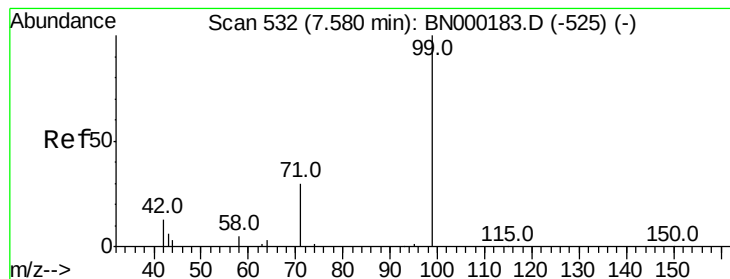
Delta R.T. 0.01 min

Lab File: BN002210.D

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Tgt Ion:	112	Resp:	3189
Ion	Ratio	Lower	Upper
112	100		
64	65.3	60.1	90.1
63	34.2	116.8	175.2#





#5

Phenol-d6

Concen: 0.337 ng/ml

RT: 6.88 min Scan# 478

Delta R.T. 0.00 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

Tot Ion:	99	Resp:	4061
Ion	Ratio	Lower	Upper
99	100		
42	24.0	20.2	30.2
71	33.5	28.4	42.6

Instrument :

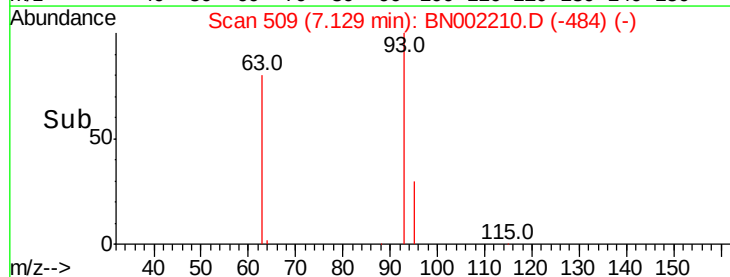
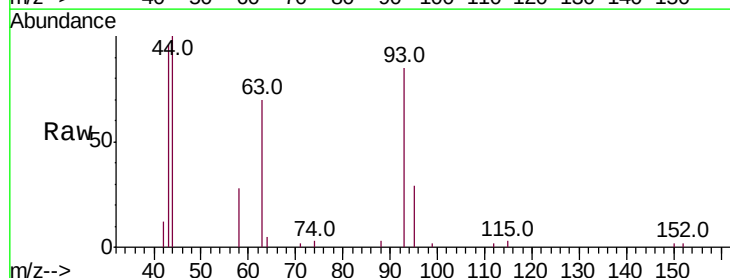
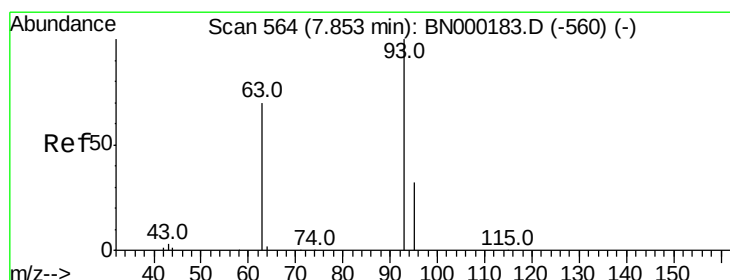
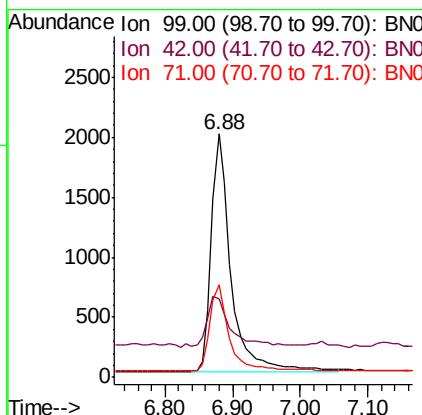
BNA_N

ClientSampled :

PB111543BS

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#6

bis(2-Chloroethyl)ether

Concen: 0.322 ng/ml

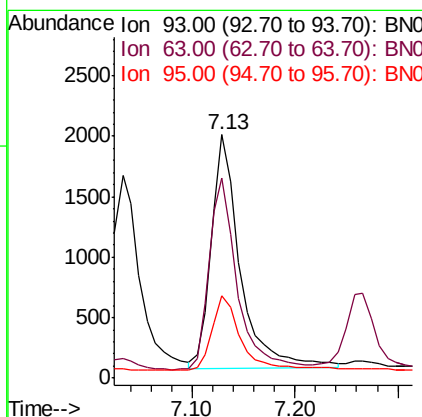
RT: 7.13 min Scan# 509

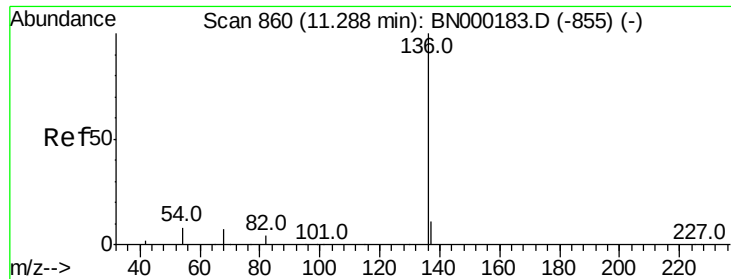
Delta R.T. 0.00 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

Tgt Ion:	93	Resp:	3737
Ion	Ratio	Lower	Upper
93	100		
63	80.0	56.0	84.0
95	33.3	25.2	37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. 0.00 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

Instrument :

BNA_N

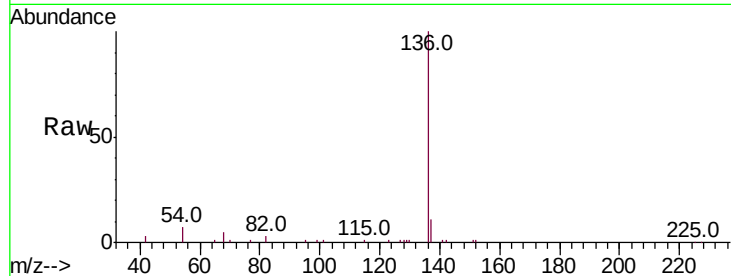
ClientSampleId :

PB111543BS

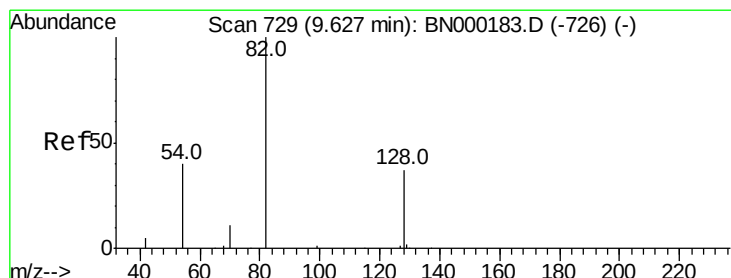
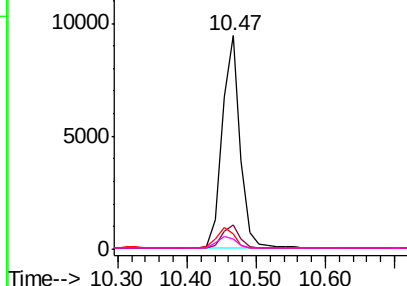
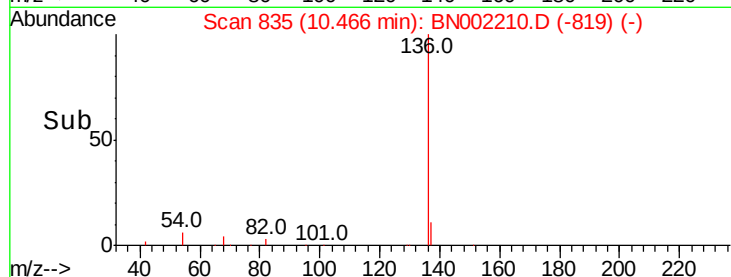
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	7.0	29.1	43.7#
68	4.8	6.2	9.2#

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



#8

Nitrobenzene-d5

Concen: 0.347 ng

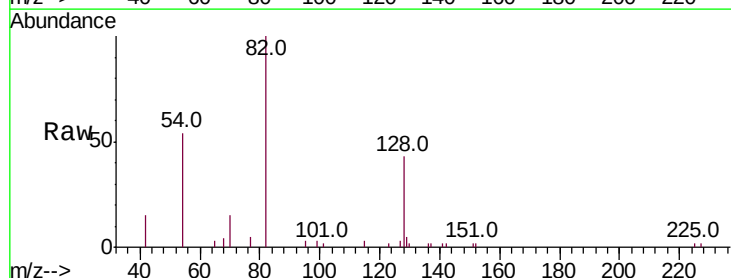
RT: 8.84 min Scan# 707

Delta R.T. 0.00 min

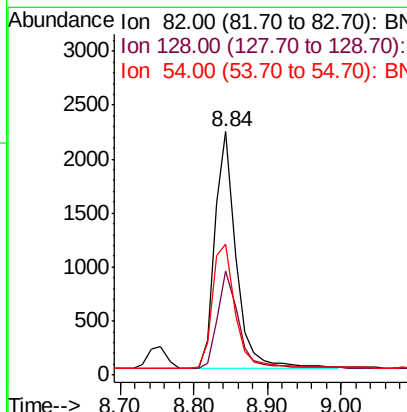
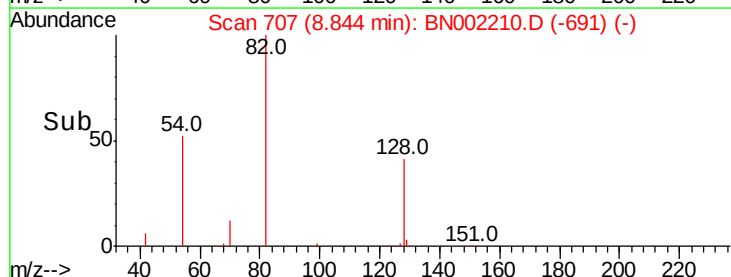
Lab File: BN002210.D

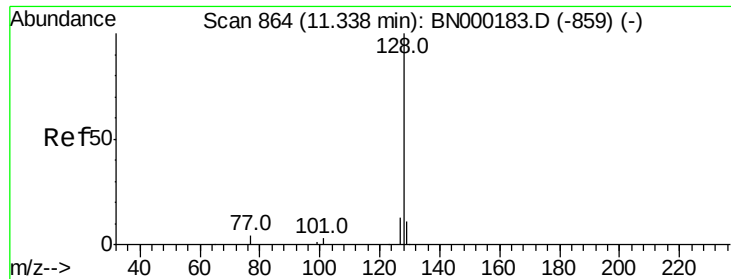
Acq: 31 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.6	150.0	225.0#
54	53.6	154.2	231.4#



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





#9

Naphthalene

Concen: 0.343 ng

RT: 10.52 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

Instrument :

BNA_N

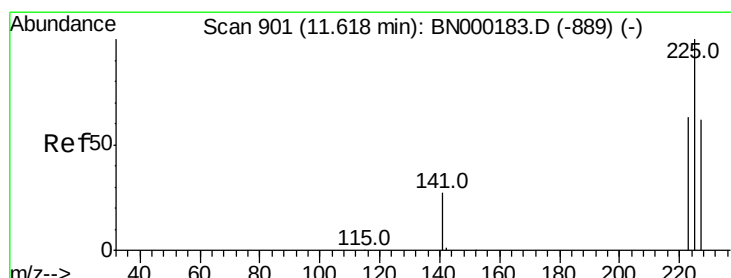
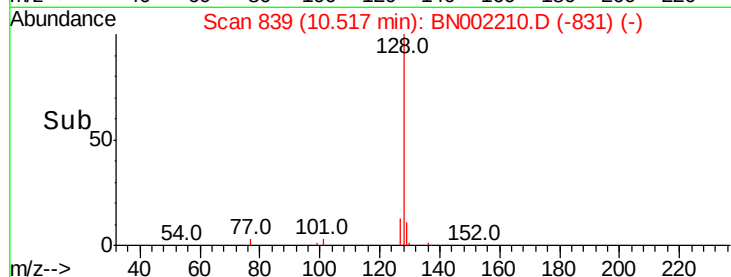
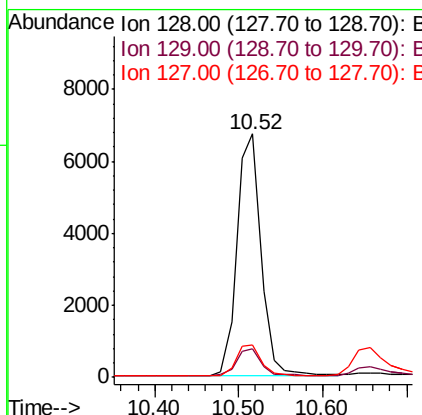
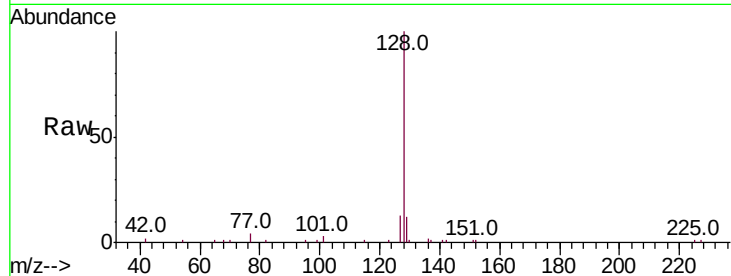
ClientSampleId :

PB111543BS

Tot Ion:128	Resp:	13230
Ion Ratio	Lower	Upper
128 100		
129 11.9	8.0	12.0
127 13.3	9.6	14.4

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#10

Hexachlorobutadiene

Concen: 0.297 ng

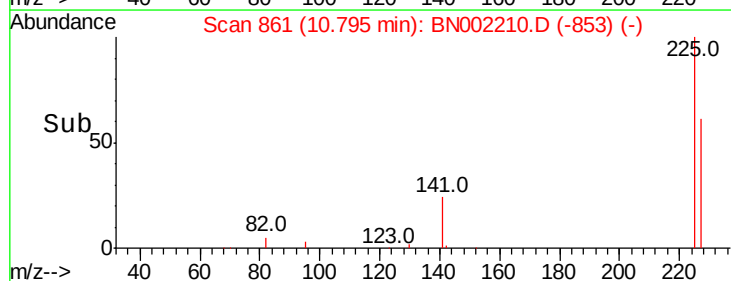
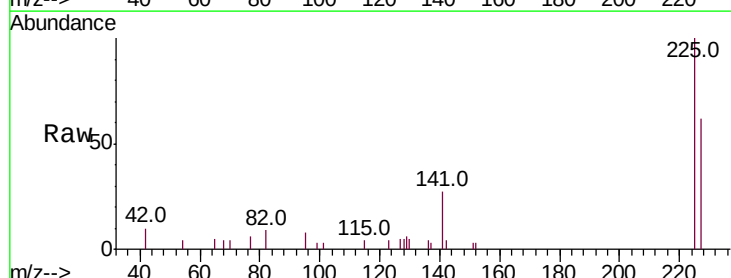
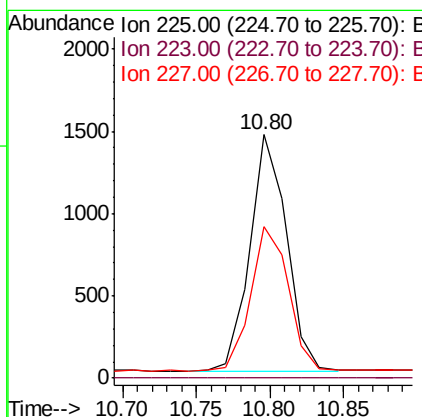
RT: 10.80 min Scan# 861

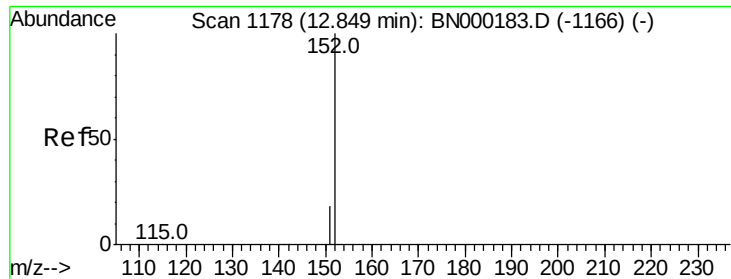
Delta R.T. 0.00 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

Tgt Ion:225	Resp:	2478
Ion Ratio	Lower	Upper
225 100		
223 0.0	52.0	78.0#
227 63.2	48.0	72.0





#11

2-Methylnaphthalene-d10

Concen: 0.349 ng

RT: 12.06 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

Instrument :

BNA_N

ClientSampled :

PB111543BS

Tot Ion:152 Resp: 8792

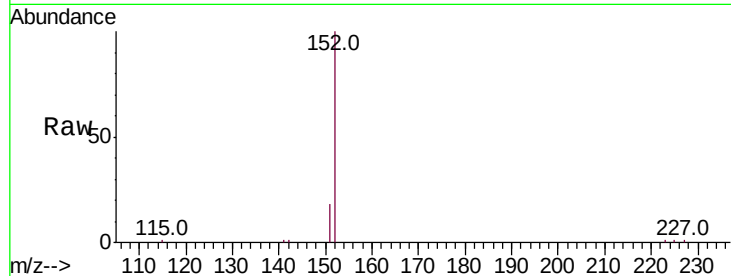
Ion Ratio Lower Upper

152 100

151 18.2 15.4 23.0

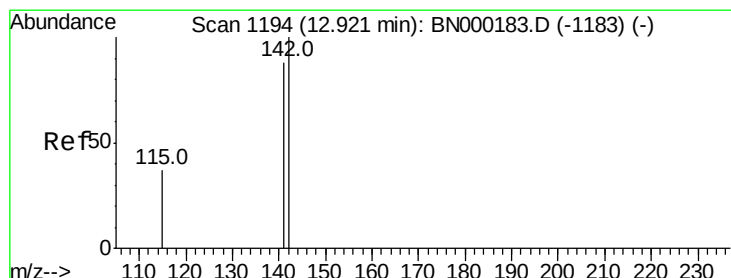
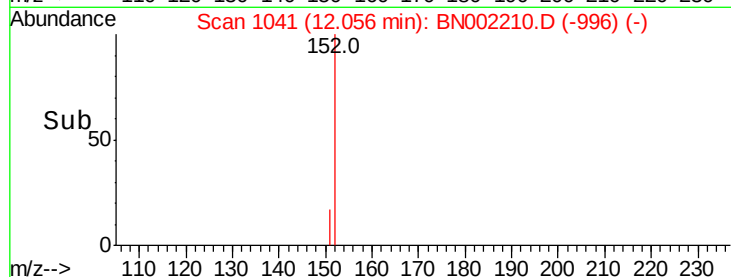
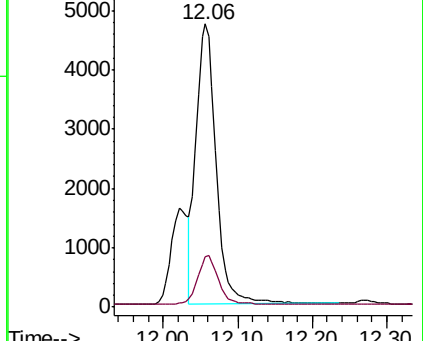
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.347 ng

RT: 12.13 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

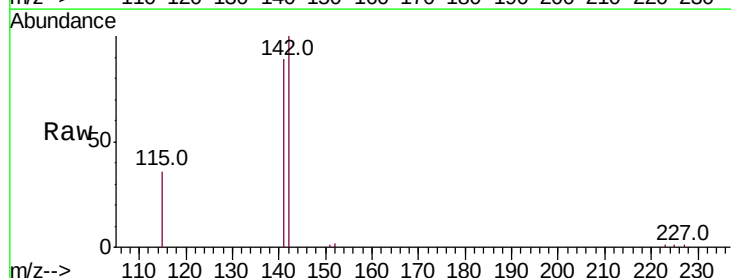
Tgt Ion:142 Resp: 9056

Ion Ratio Lower Upper

142 100

141 88.8 70.4 105.6

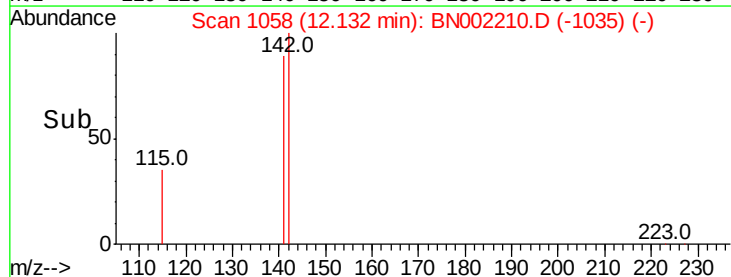
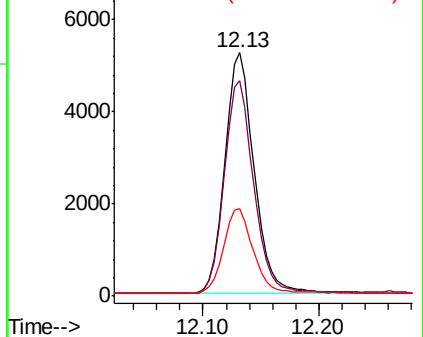
115 36.2 31.7 47.5

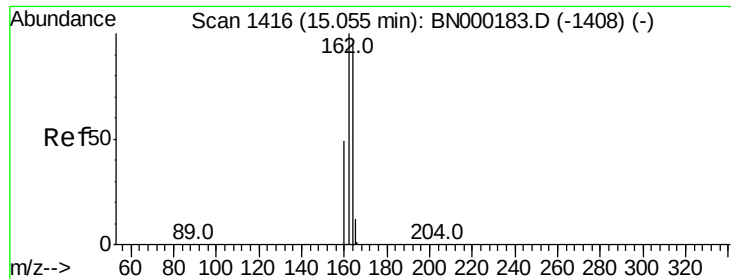


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





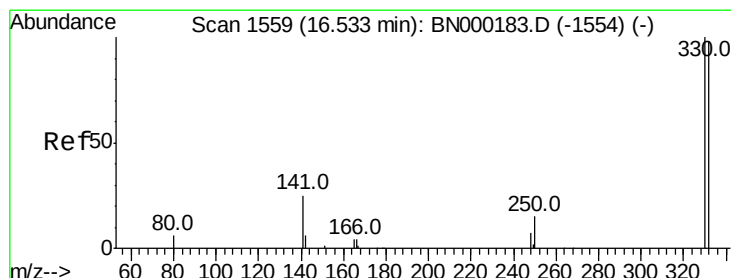
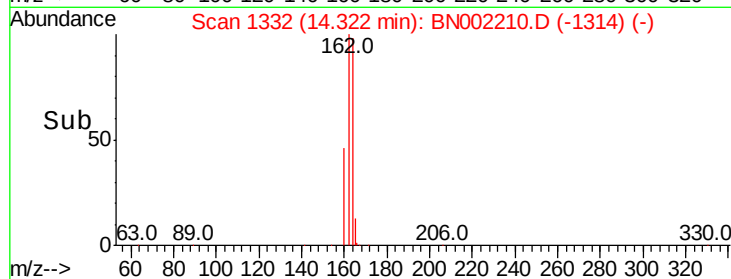
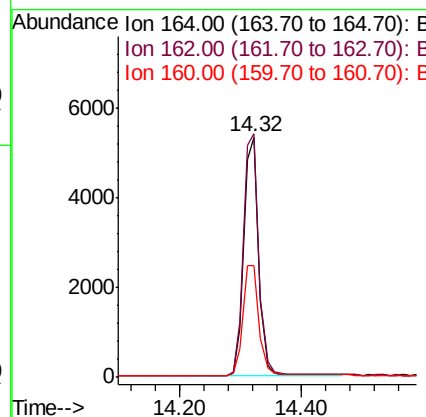
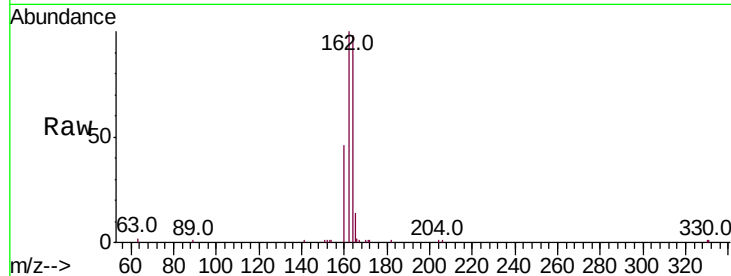
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :
PB111543BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.1	124.7
160	46.8	37.1	55.7

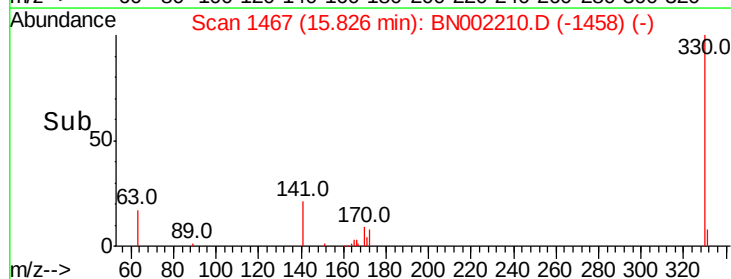
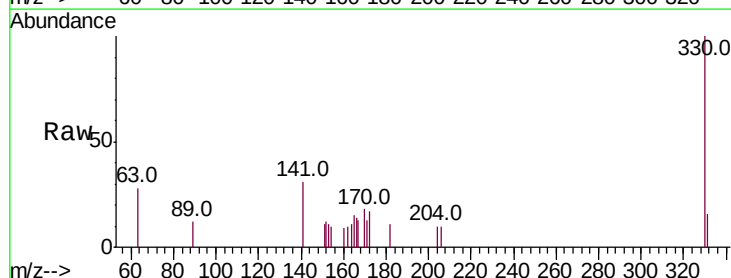
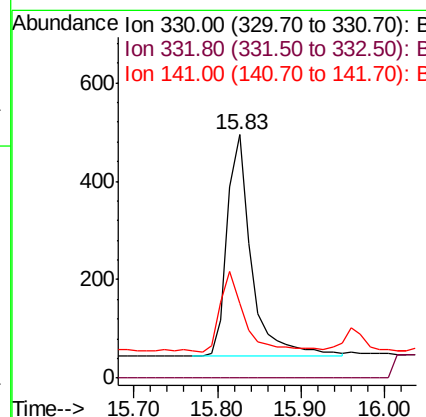
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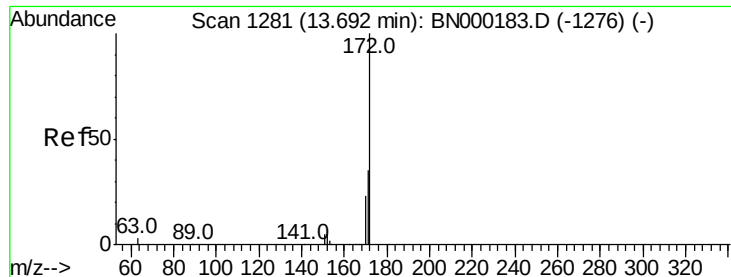
Sohil
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#14
2,4,6-Tribromophenol
Concen: 0.237 ng
RT: 15.83 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	34.2	33.7	50.5





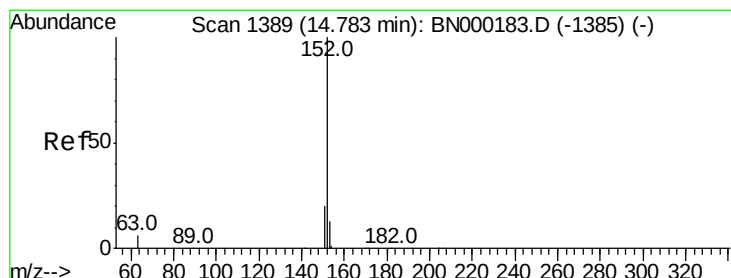
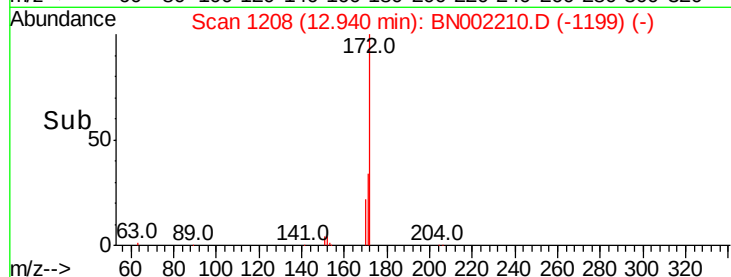
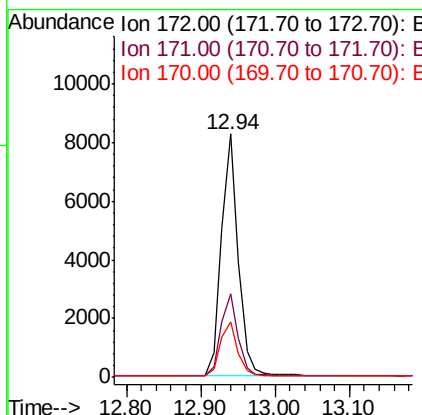
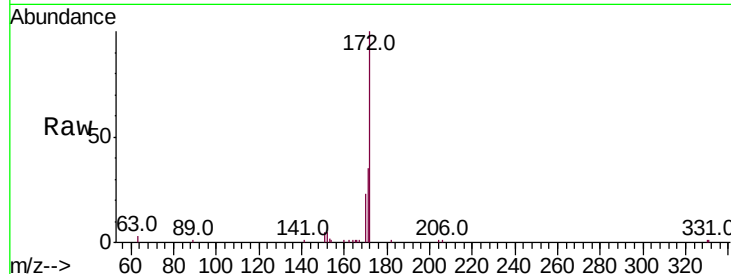
#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 12.94 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampled :
PB111543BS

Tot Ion:	172	Resp:	13007
Ion Ratio	Lower	Upper	
172	100		
171	34.6	29.9	44.9
170	22.6	21.8	32.8

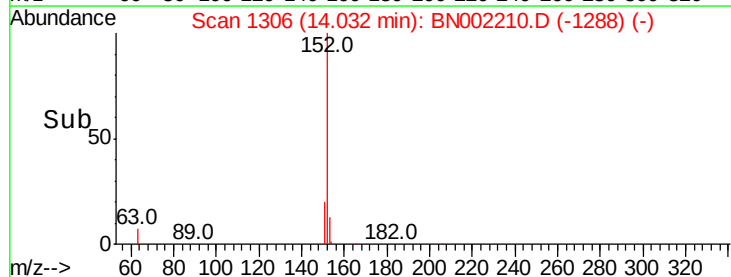
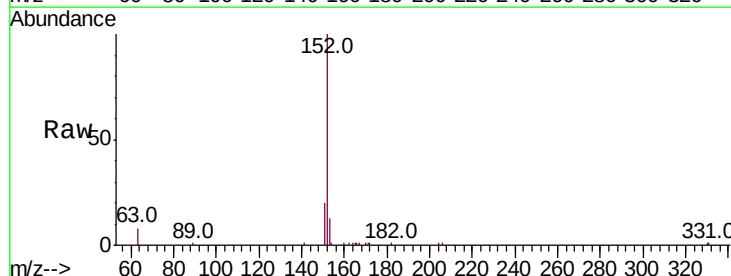
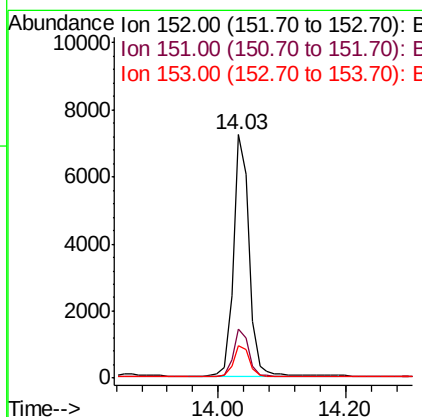
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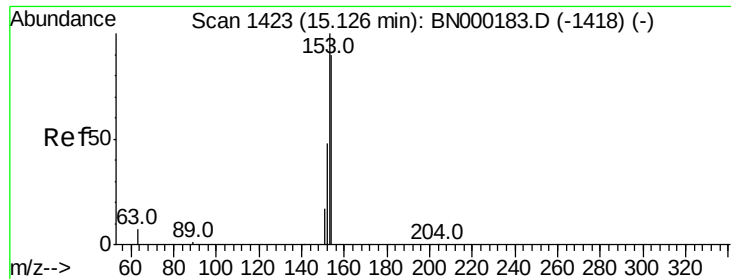
Sohil
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#16
Acenaphthylene
Concen: 0.326 ng
RT: 14.03 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion:	152	Resp:	12353
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.7	23.5
153	12.8	10.5	15.7





#17

Acenaphthene

Concen: 0.329 ng

RT: 14.38 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

Instrument :

BNA_N

ClientSampleId :

PB111543BS

Tot Ion:154 Resp: 8029

Ion Ratio Lower Upper

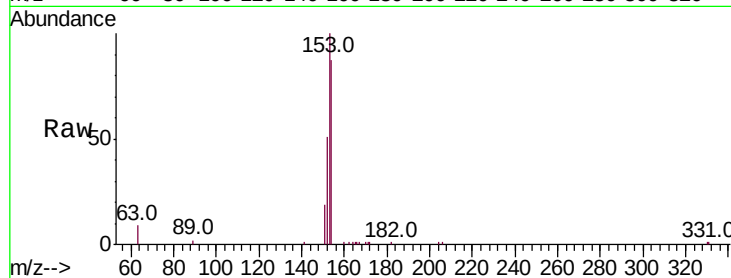
154 100

153 113.4 89.2 133.8

152 56.5 42.0 63.0

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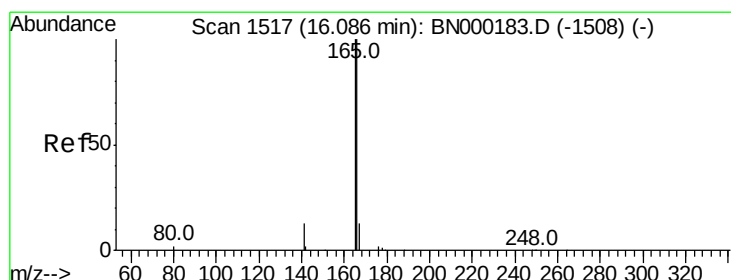
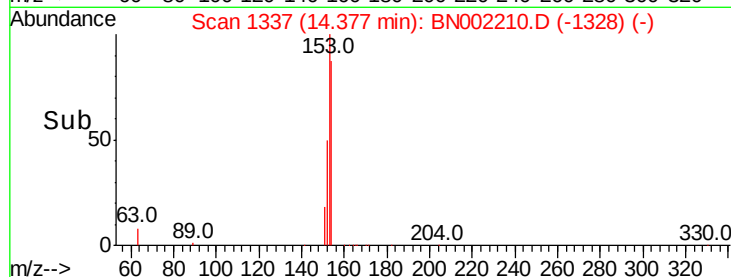
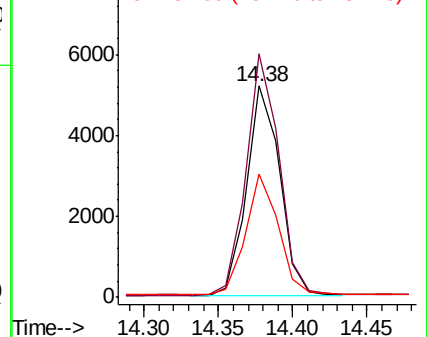
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.333 ng

RT: 15.37 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

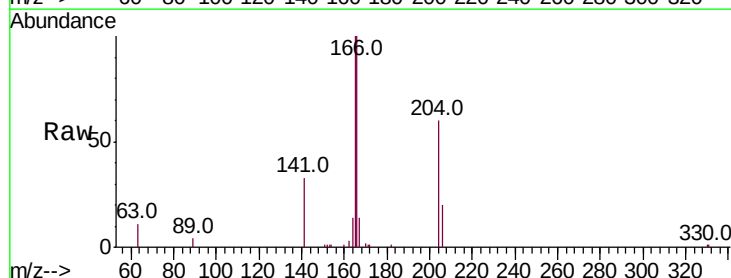
Tgt Ion:166 Resp: 9981

Ion Ratio Lower Upper

166 100

165 98.1 77.8 116.6

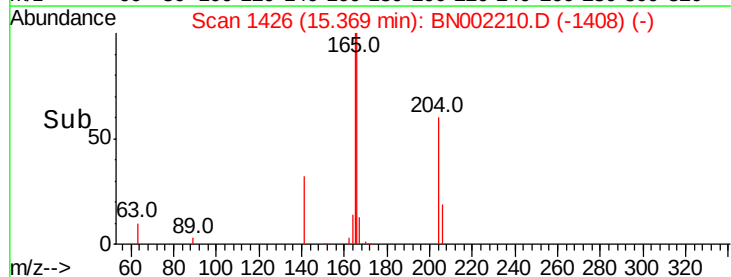
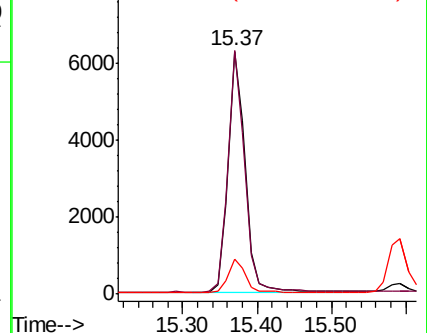
167 13.7 42.4 63.6#

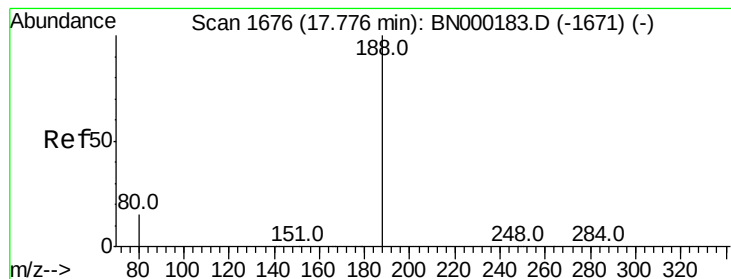


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

Instrument :

BNA_N

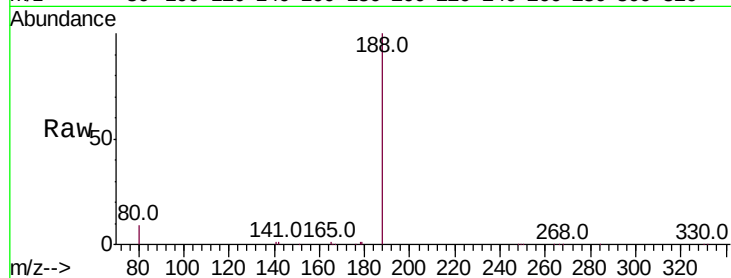
ClientSampleId :

PB111543BS

Tot Ion:	188	Resp:	18147
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	9.0	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

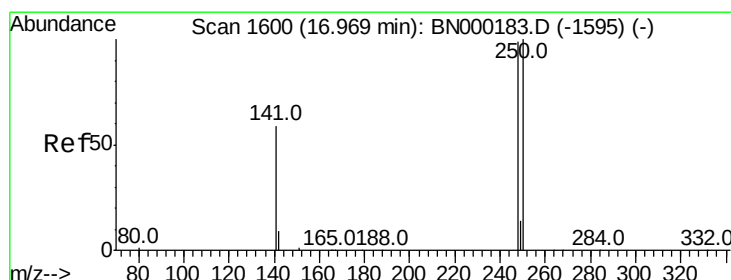
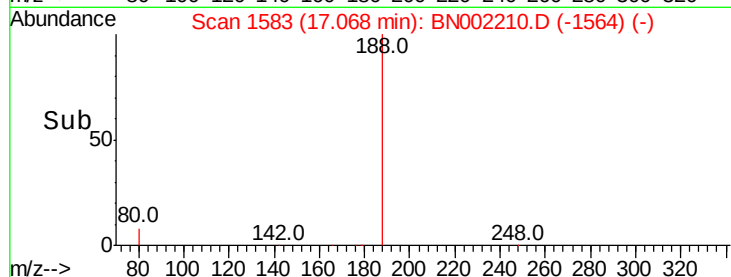
0

17.00

17.20

17.40

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.313 ng

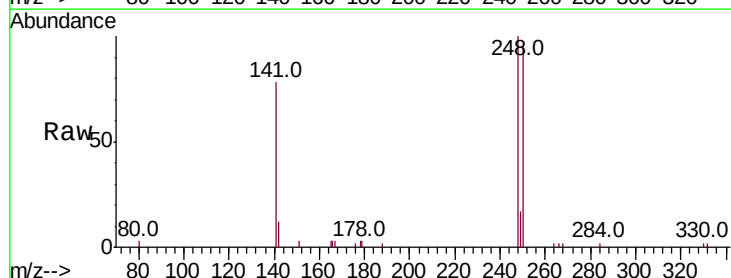
RT: 16.26 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

Tgt Ion:	248	Resp:	3215
Ion Ratio	Lower	Upper	
248	100		
250	94.6	62.7	94.1#
141	77.8	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

2500

2000

1500

1000

500

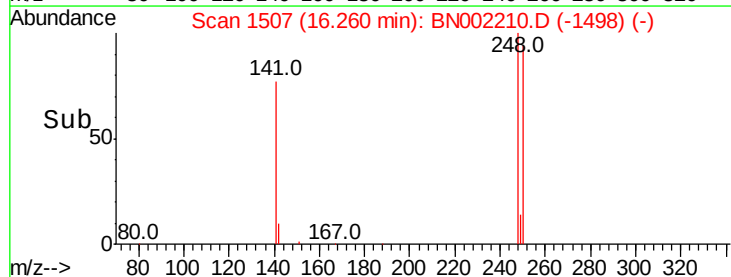
0

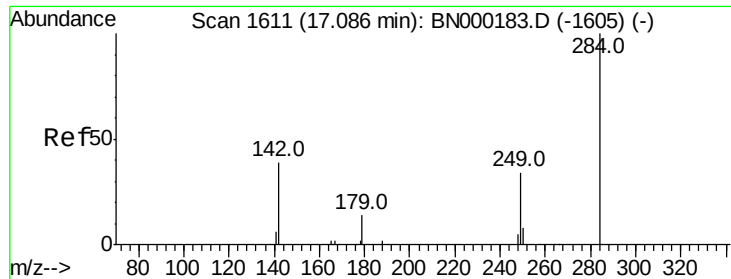
16.20

16.25

16.30

Time-->





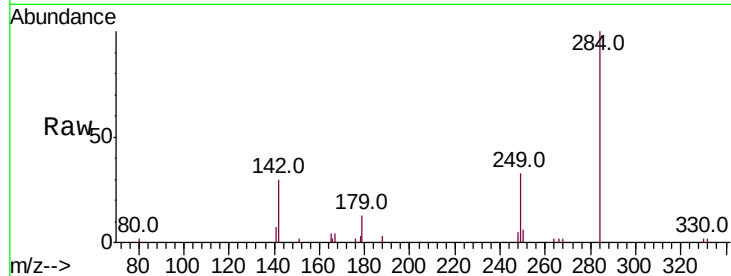
#21
Hexachlorobenzene
Concen: 0.316 ng
RT: 16.38 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :
PB111543BS

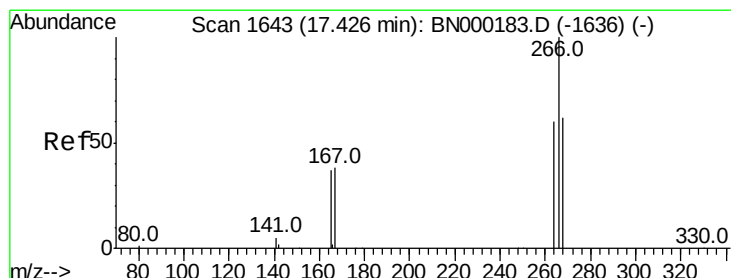
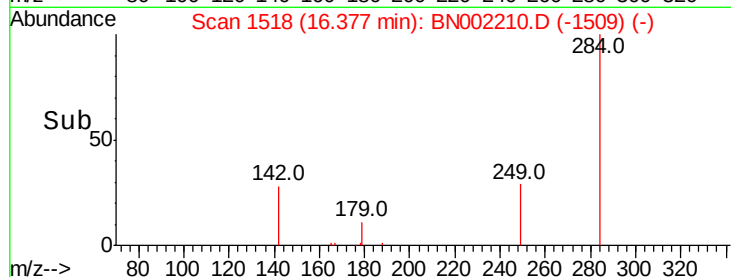
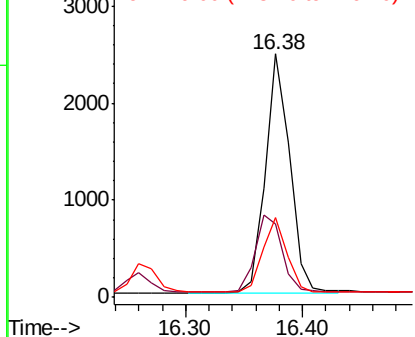
Tot Ion:	284	Resp:	3594
Ion Ratio	Lower	Upper	
284	100		
142	35.5	32.0	48.0
249	30.7	24.0	36.0

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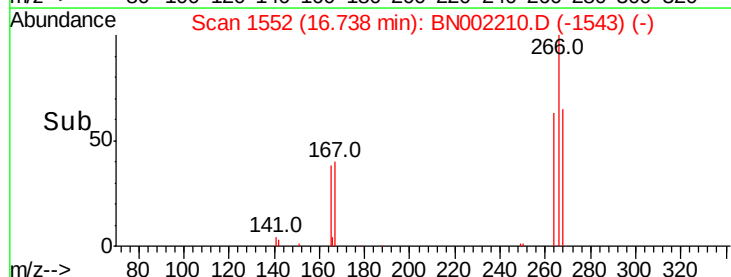
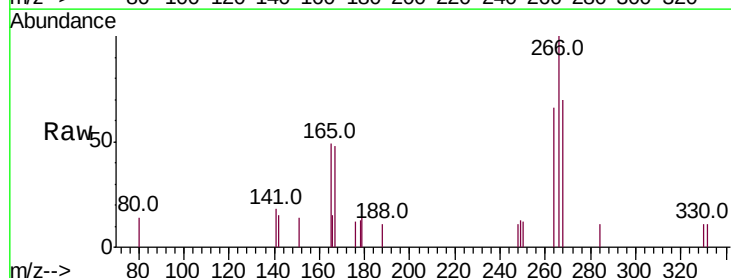
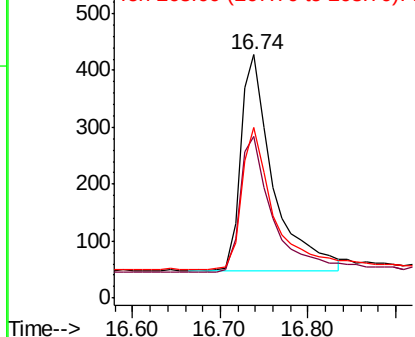
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

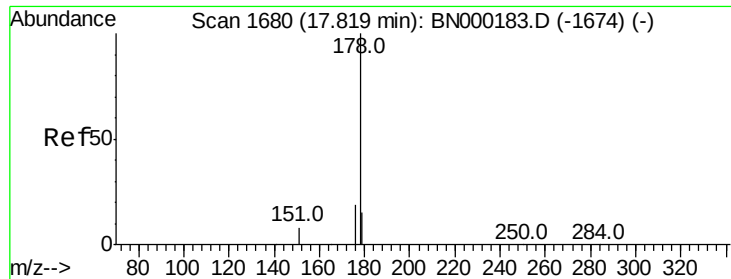


#22
Pentachlorophenol
Concen: 0.438 ng
RT: 16.74 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion:	266	Resp:	979
Ion Ratio	Lower	Upper	
266	100		
264	66.1	48.0	72.0
268	70.1	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: 0.338 ng

RT: 17.11 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

Instrument :

BNA_N

ClientSampleId :

PB111543BS

Tot Ion:178 Resp: 15262

Ion Ratio Lower Upper

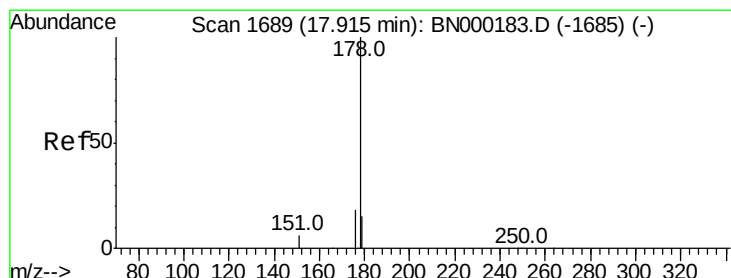
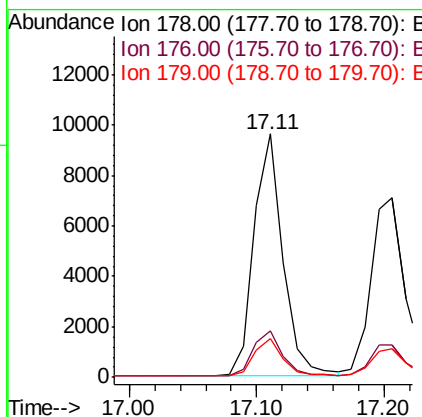
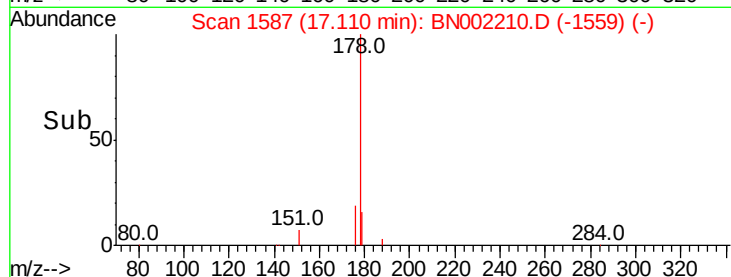
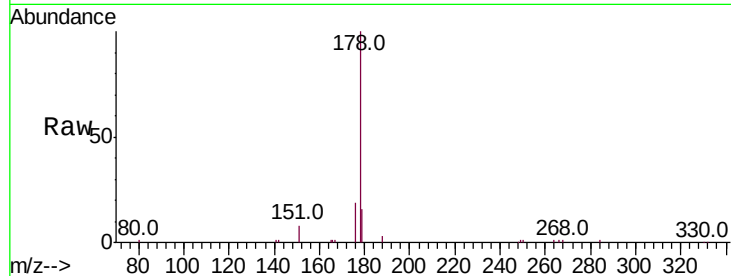
178 100

176 18.9 15.1 22.7

179 15.5 11.8 17.6

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#24

Anthracene

Concen: 0.340 ng

RT: 17.21 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

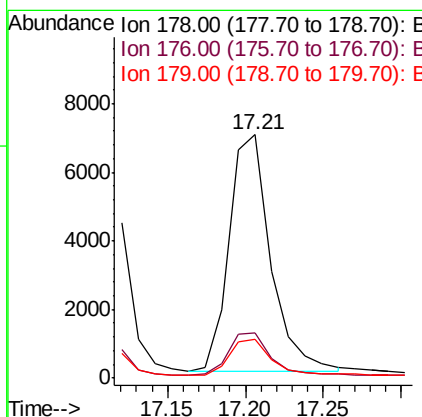
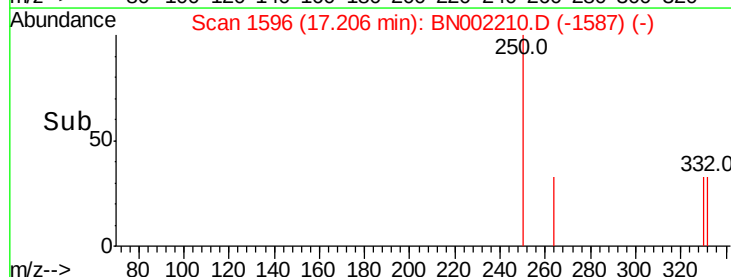
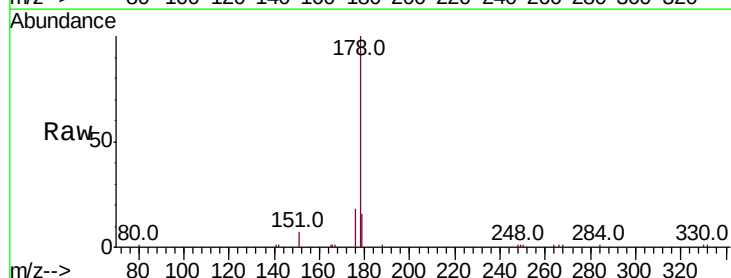
Tgt Ion:178 Resp: 12681

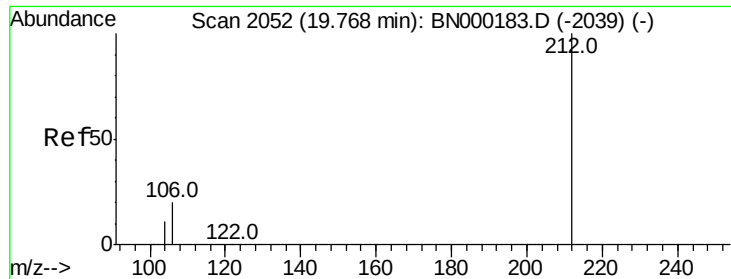
Ion Ratio Lower Upper

178 100

176 18.1 12.8 19.2

179 15.2 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.299 ng

RT: 19.10 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

Instrument :

BNA_N

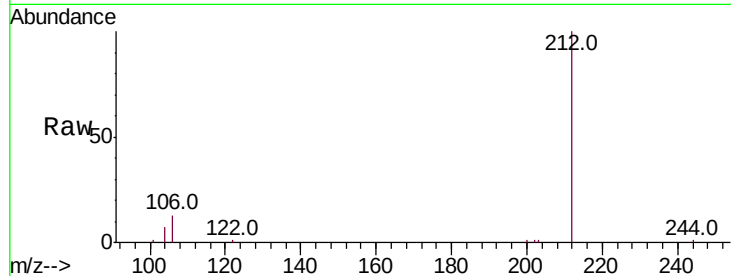
ClientSampleId :

PB111543BS

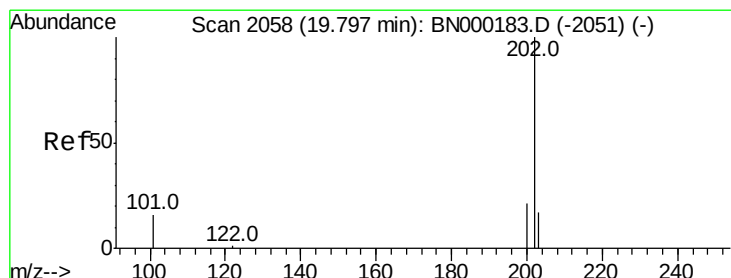
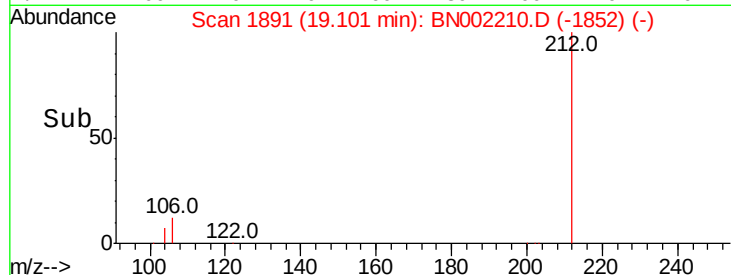
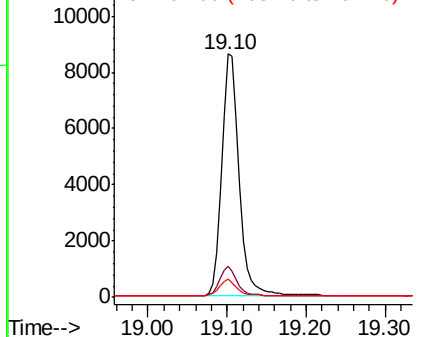
Tot Ion:	212	Resp:	13419
Ion Ratio	Lower	Upper	
212	100		
106	11.9	2.8	4.2#
104	6.6	1.6	2.4#

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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: 0.304 ng

RT: 19.14 min Scan# 1898

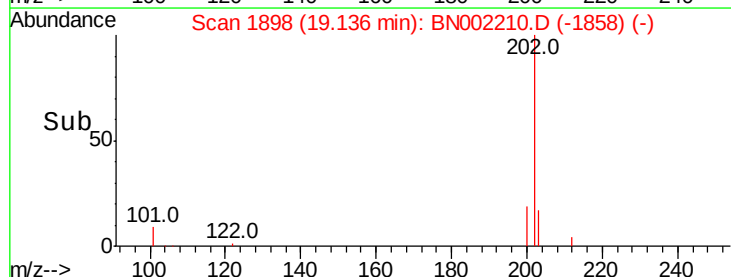
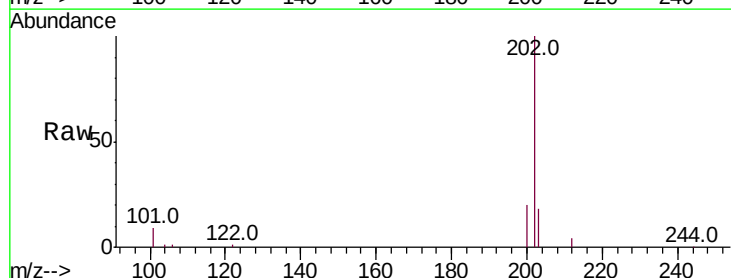
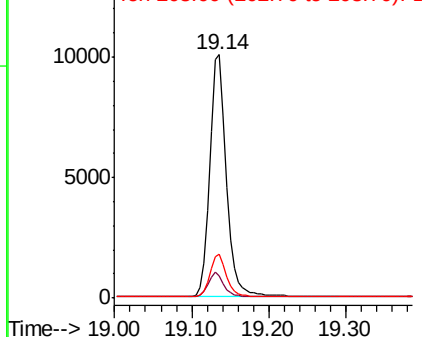
Delta R.T. 0.00 min

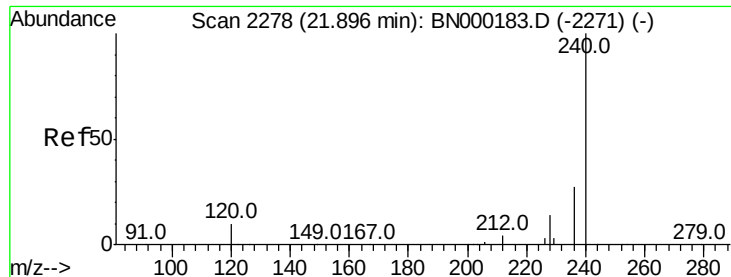
Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

Tgt Ion:	202	Resp:	14960
Ion Ratio	Lower	Upper	
202	100		
101	9.6	9.8	14.8#
203	17.2	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





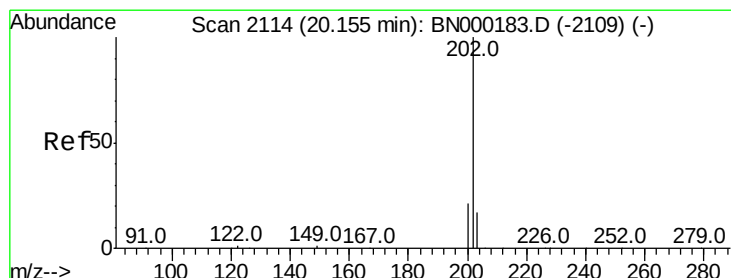
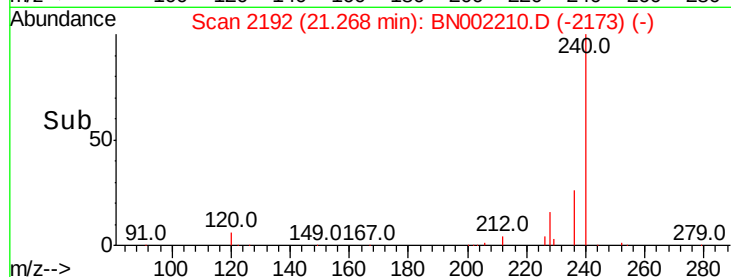
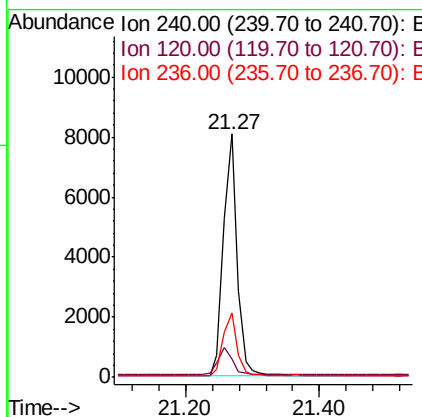
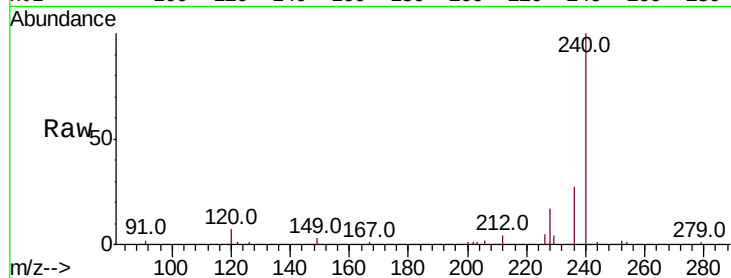
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BN002210.D
 Acq: 31 Jul 2018 14:30

Instrument :
 BNA_N
 ClientSampleId :
 PB111543BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.5	8.3
236	26.6	20.7	31.1

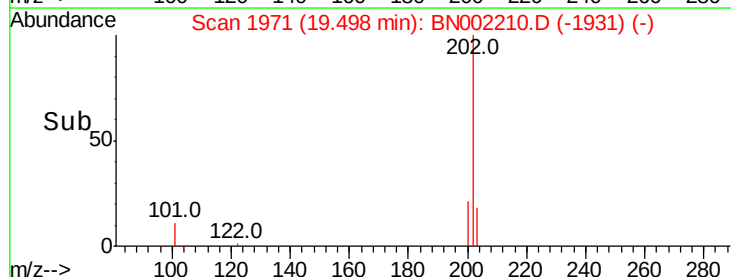
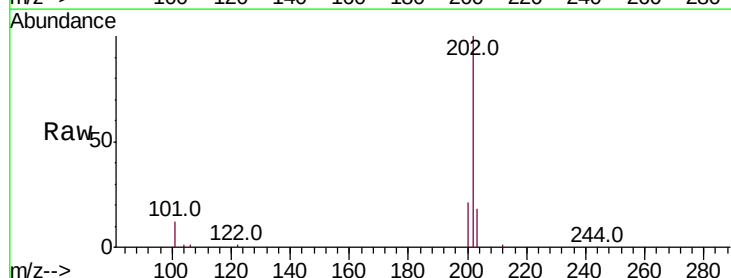
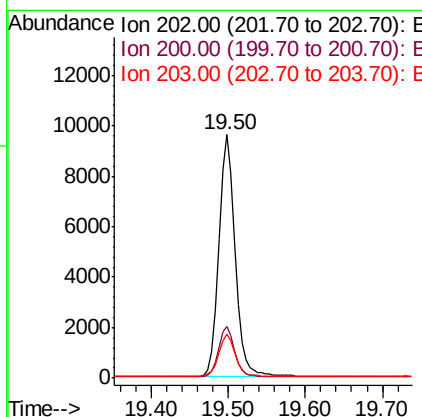
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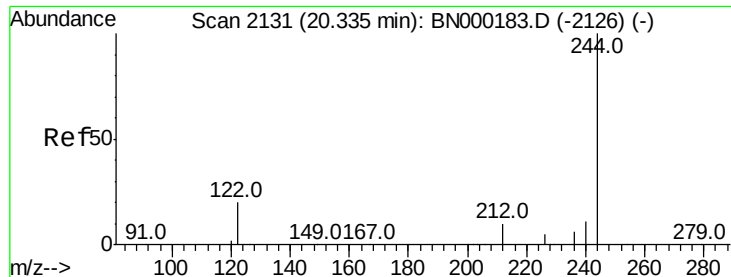
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#28
 Pyrene
 Concen: 0.418 ng
 RT: 19.50 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: BN002210.D
 Acq: 31 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.9	13.8	20.8





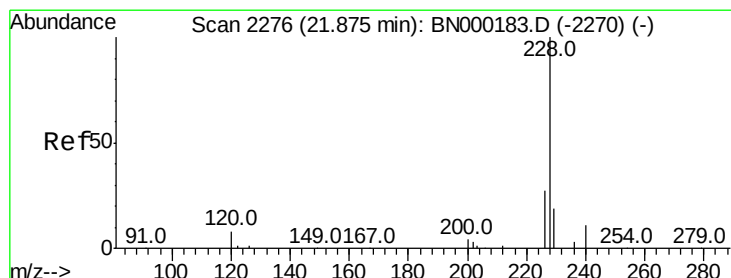
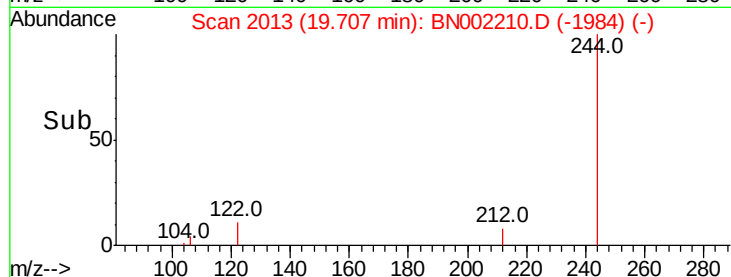
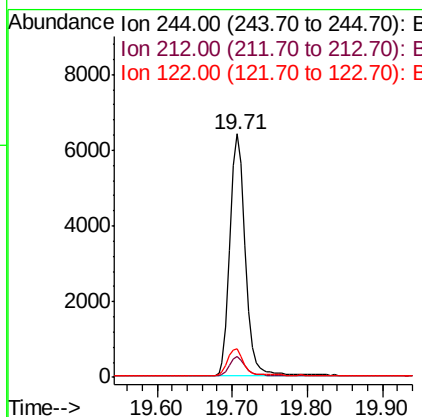
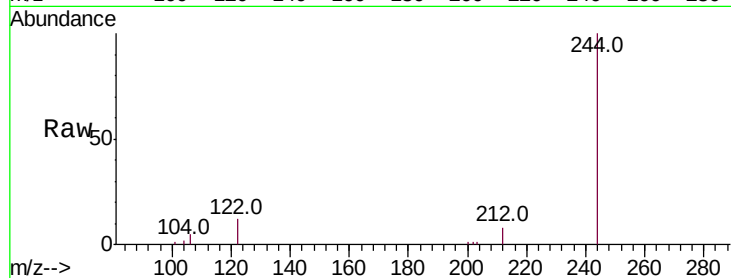
#29
Terphenyl-d14
Concen: 0.367 ng
RT: 19.71 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :
PB111543BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	25.4	38.0#
122	11.5	8.1	12.1

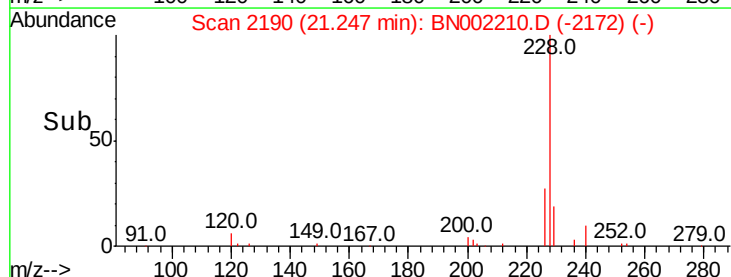
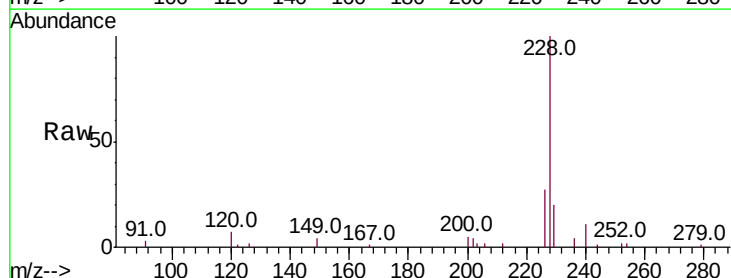
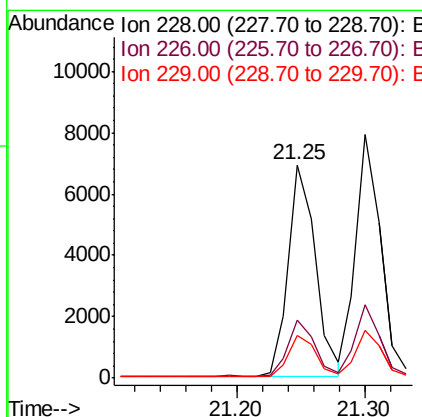
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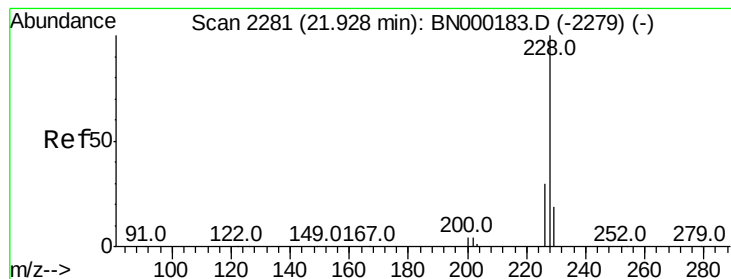
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#30
Benzo(a)anthracene
Concen: 0.354 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	24.0	36.0
229	19.9	16.0	24.0





#31

Chrysene

Concen: 0.334 ng

RT: 21.30 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

Instrument :

BNA_N

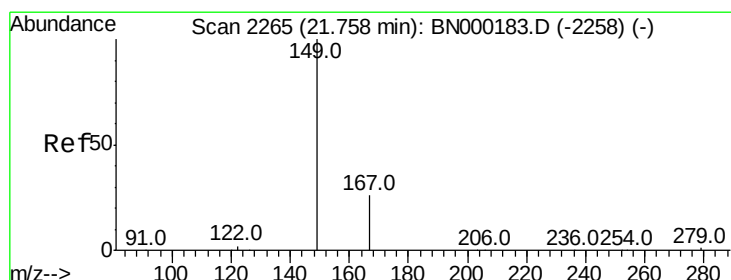
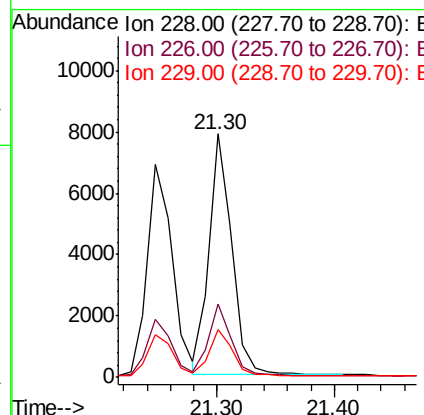
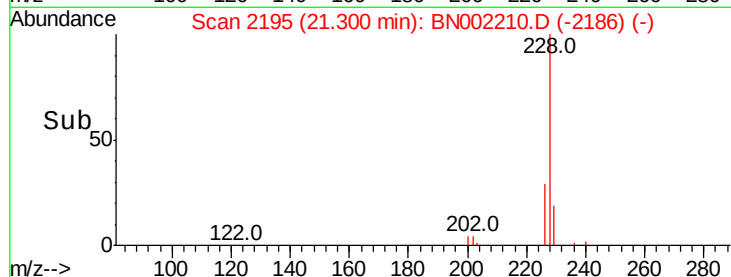
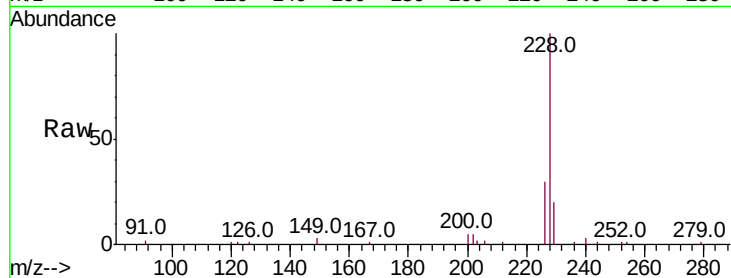
ClientSampled :

PB111543BS

Tot Ion:228	Resp:	10711
Ion Ratio	Lower	Upper
228 100		
226 30.1	24.0	36.0
229 19.7	16.0	24.0

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.359 ng

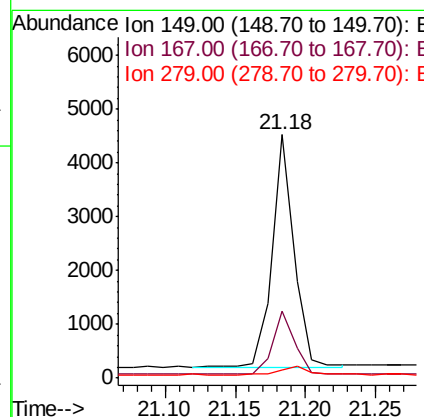
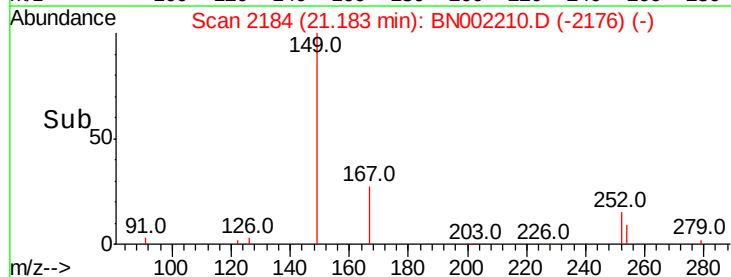
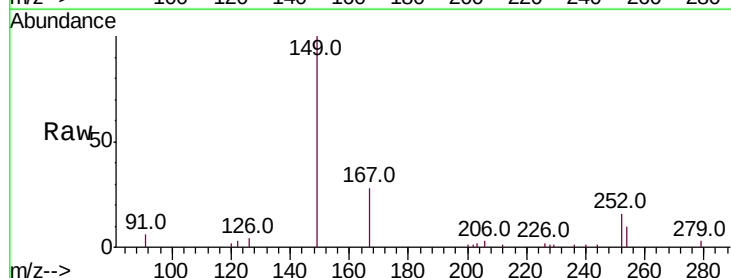
RT: 21.18 min Scan# 2184

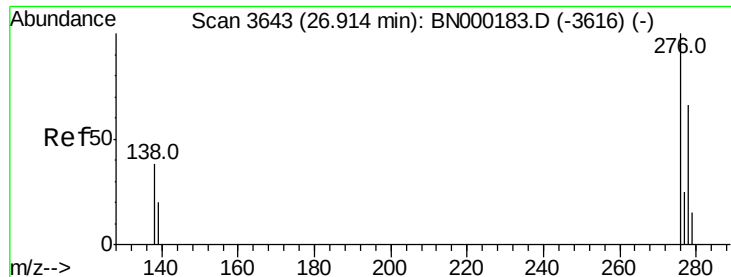
Delta R.T. -0.01 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

Tgt Ion:149	Resp:	4706
Ion Ratio	Lower	Upper
149 100		
167 27.3	20.0	30.0
279 4.0	1.6	2.4#





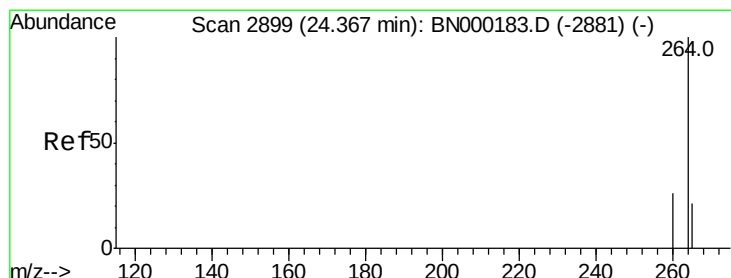
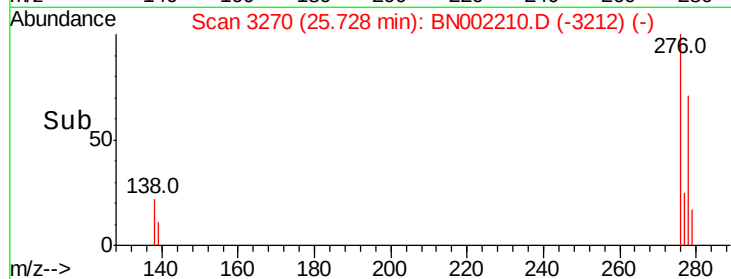
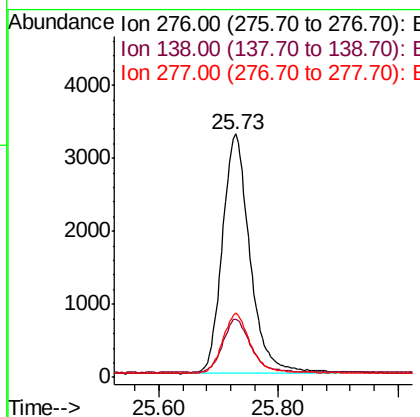
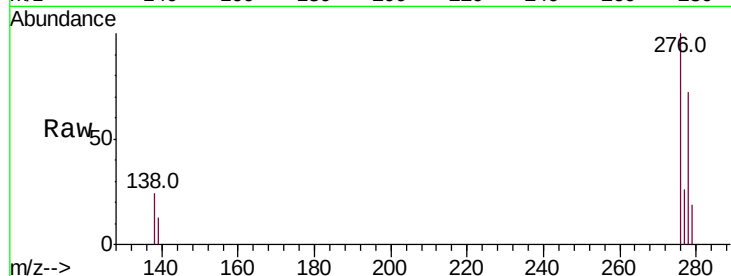
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.350 ng
 RT: 25.73 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: BN002210.D
 Acq: 31 Jul 2018 14:30

Instrument :
 BNA_N
 ClientSampleId :
 PB111543BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	22.5	33.7#
277	24.6	19.9	29.9

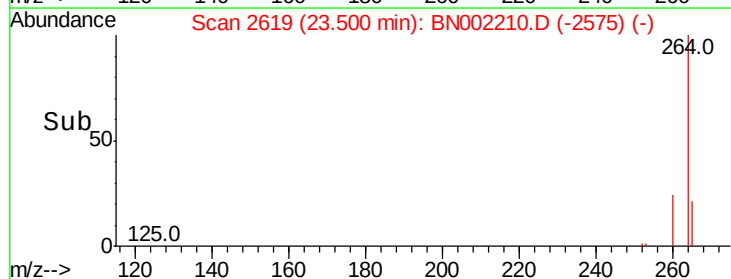
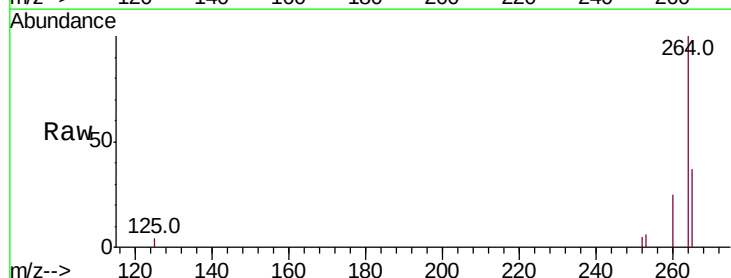
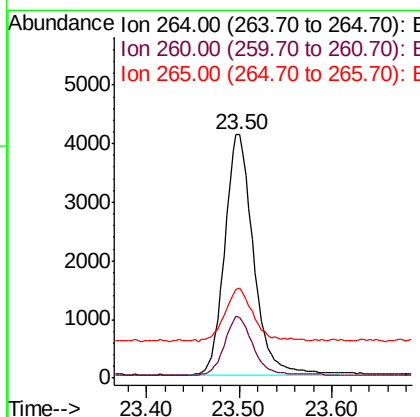
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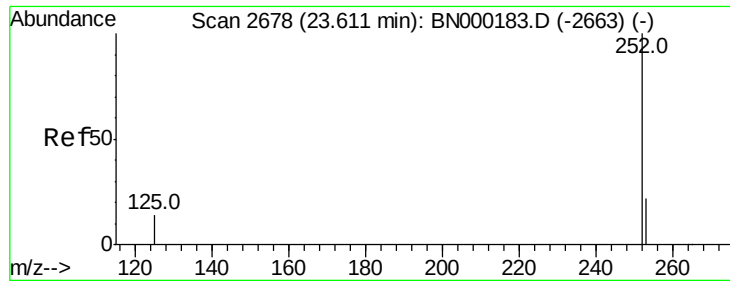
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2619
 Delta R.T. 0.00 min
 Lab File: BN002210.D
 Acq: 31 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.5	30.7
265	37.0	22.8	34.2#





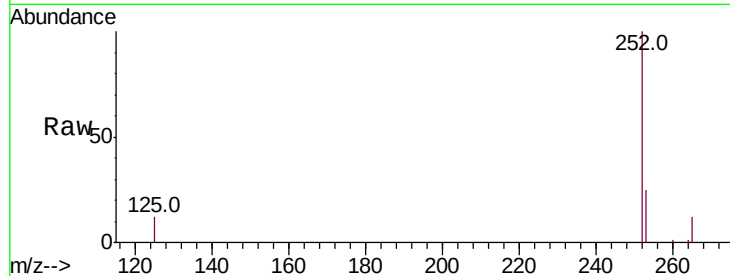
#35
Benzo(b)fluoranthene
Concen: 0.355 ng
RT: 22.83 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :
PB111543BS

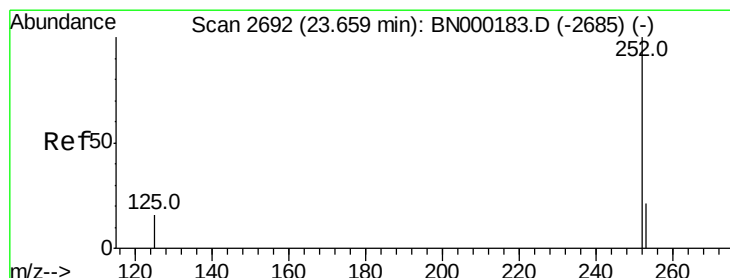
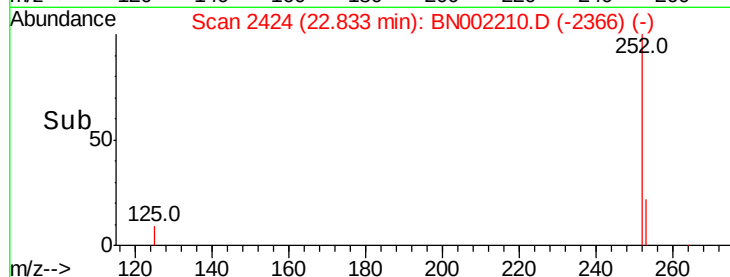
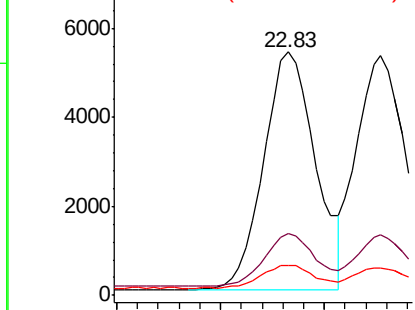
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.0	30.0
125	12.1	16.0	24.0

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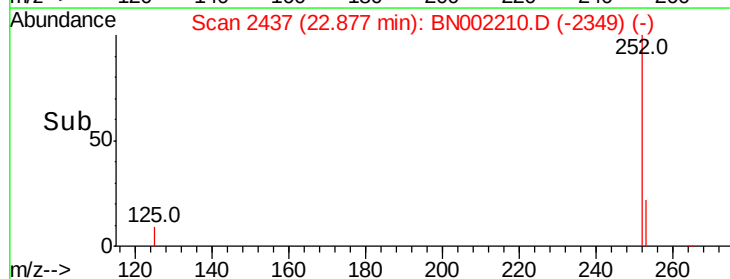
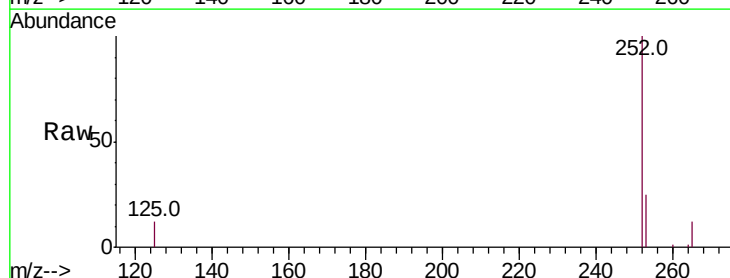
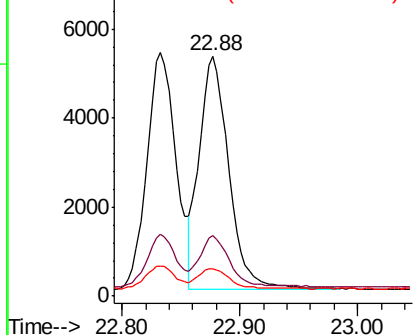
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

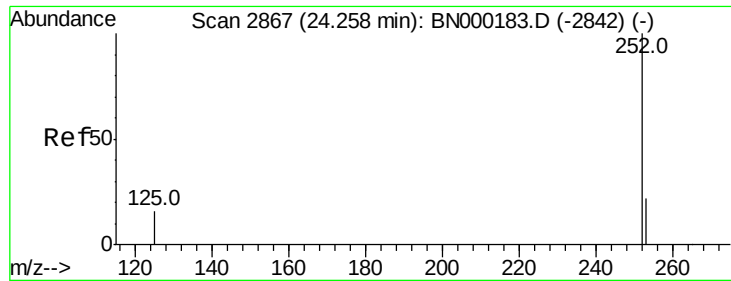


#36
Benzo(k)fluoranthene
Concen: 0.340 ng
RT: 22.88 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	16.0	24.0
125	11.6	8.0	12.0

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





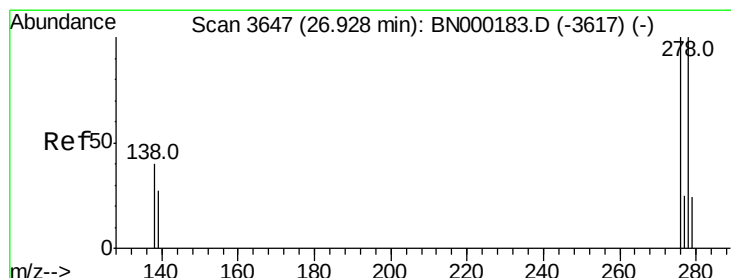
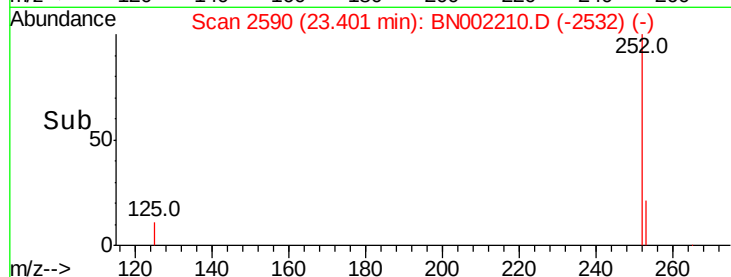
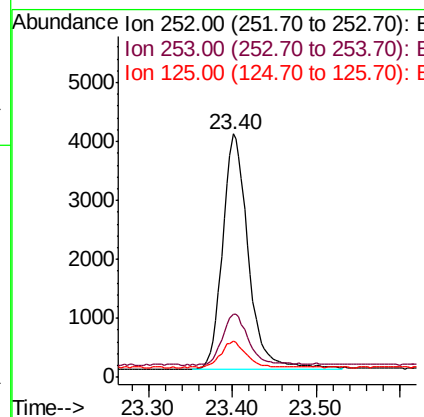
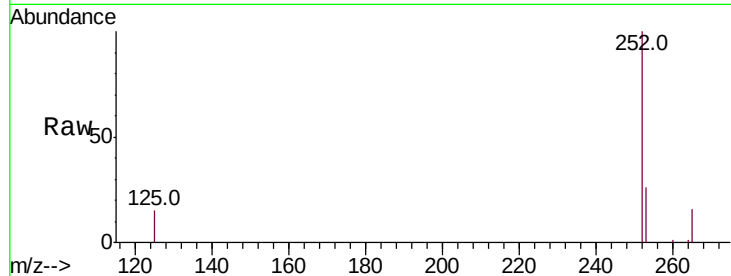
#37
Benzo(a)pyrene
Concen: 0.360 ng
RT: 23.40 min Scan# 2590
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :
PB111543BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	16.0	24.0
125	14.9	12.0	18.0

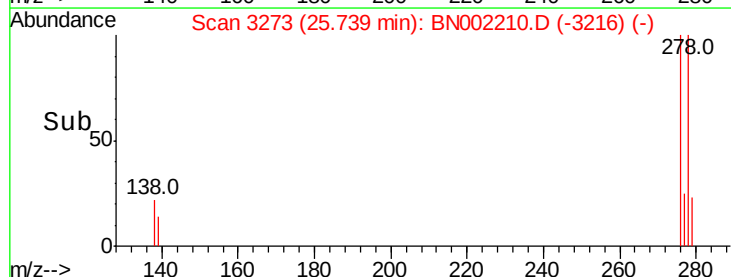
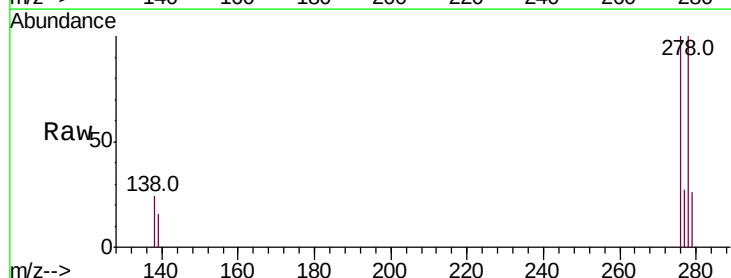
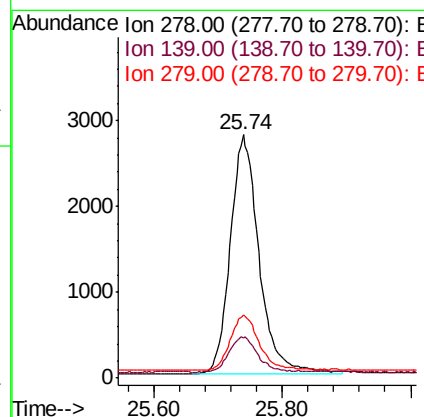
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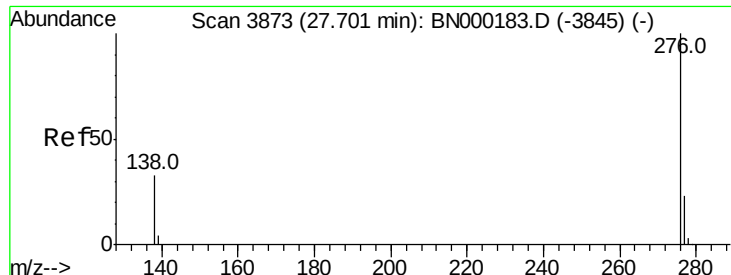
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#38
Dibenzo(a,h)anthracene
Concen: 0.376 ng
RT: 25.74 min Scan# 3273
Delta R.T. -0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	16.0	24.0
279	25.8	20.0	30.0





#39

Benzo(a,h,i)perylene

Concen: 0.397 ng

RT: 26.40 min Scan# 3467

Delta R.T. -0.00 min

Lab File: BN002210.D

Acq: 31 Jul 2018 14:30

Instrument :

BNA_N

ClientSampleId :

PB111543BS

Tot Ion:276 Resp: 9330

Ion Ratio Lower Upper

276 100

277 24.7 16.0 24.0#

138 21.4 20.0 30.0

Manual Integrations

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