

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032219\
 Data File : BN004891.D
 Acq On : 22 Mar 2019 19:37
 Operator : JU/SJ
 Sample : PB118153BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118153BS

Manual Integrations
 APPROVED

Sohil
 3/25/2019 8:57:24 AM

Quant Time: Mar 23 02:58:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2823	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	11284	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	6318	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	16310	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	19652	0.40	ng	0.00
34) Perylene-d12	23.54	264	19566	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.29	112	2554	0.33	ng	0.00
5) Phenol-d6	6.87	99	3020	0.32	ng	0.00
8) Nitrobenzene-d5	8.86	82	2222	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	5931	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	1140	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.95	172	8724	0.33	ng	-0.01
25) Fluoranthene-d10	19.12	212	16442	0.30	ng	0.00
29) Terphenyl-d14	19.72	244	13731	0.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	733	0.228	ng	# 41
3) n-Nitrosodimethylamine	3.57	42	491	0.259	ng	88
6) bis(2-Chloroethyl)ether	7.13	93	2481	0.288	ng	100
9) Naphthalene	10.53	128	9624	0.304	ng	99
10) Hexachlorobutadiene	10.80	225	1709	0.283	ng	# 99
12) 2-Methylnaphthalene	12.15	142	6760	0.288	ng	100
16) Acenaphthylene	14.05	152	9322	0.286	ng	99
17) Acenaphthene	14.40	154	6324	0.297	ng	100
18) Fluorene	15.38	166	8719	0.293	ng	99
20) 4-Bromophenyl-phenylether	16.27	248	3024	0.284	ng	92
21) Hexachlorobenzene	16.39	284	3297	0.270	ng	96
22) Pentachlorophenol	16.75	266	927m	0.389	ng	
23) Phenanthrene	17.12	178	15387	0.292	ng	99
24) Anthracene	17.22	178	13395	0.285	ng	100
26) Fluoranthene	19.16	202	19252	0.284	ng	100
28) Pyrene	19.52	202	19506	0.326	ng	99
30) Benzo(a)anthracene	21.27	228	19107	0.296	ng	97
31) Chrysene	21.32	228	19650	0.289	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	7444	0.289	ng	99
33) Indeno(1,2,3-cd)pyrene	25.81	276	24084	0.245	ng	98
35) Benzo(b)fluoranthene	22.86	252	20838	0.294	ng	99
36) Benzo(k)fluoranthene	22.90	252	21455	0.308	ng	99
37) Benzo(a)pyrene	23.44	252	19388	0.299	ng	99
38) Dibenzo(a,h)anthracene	25.82	278	20133	0.268	ng	98
39) Benzo(g,h,i)perylene	26.51	276	20493	0.267	ng	98

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

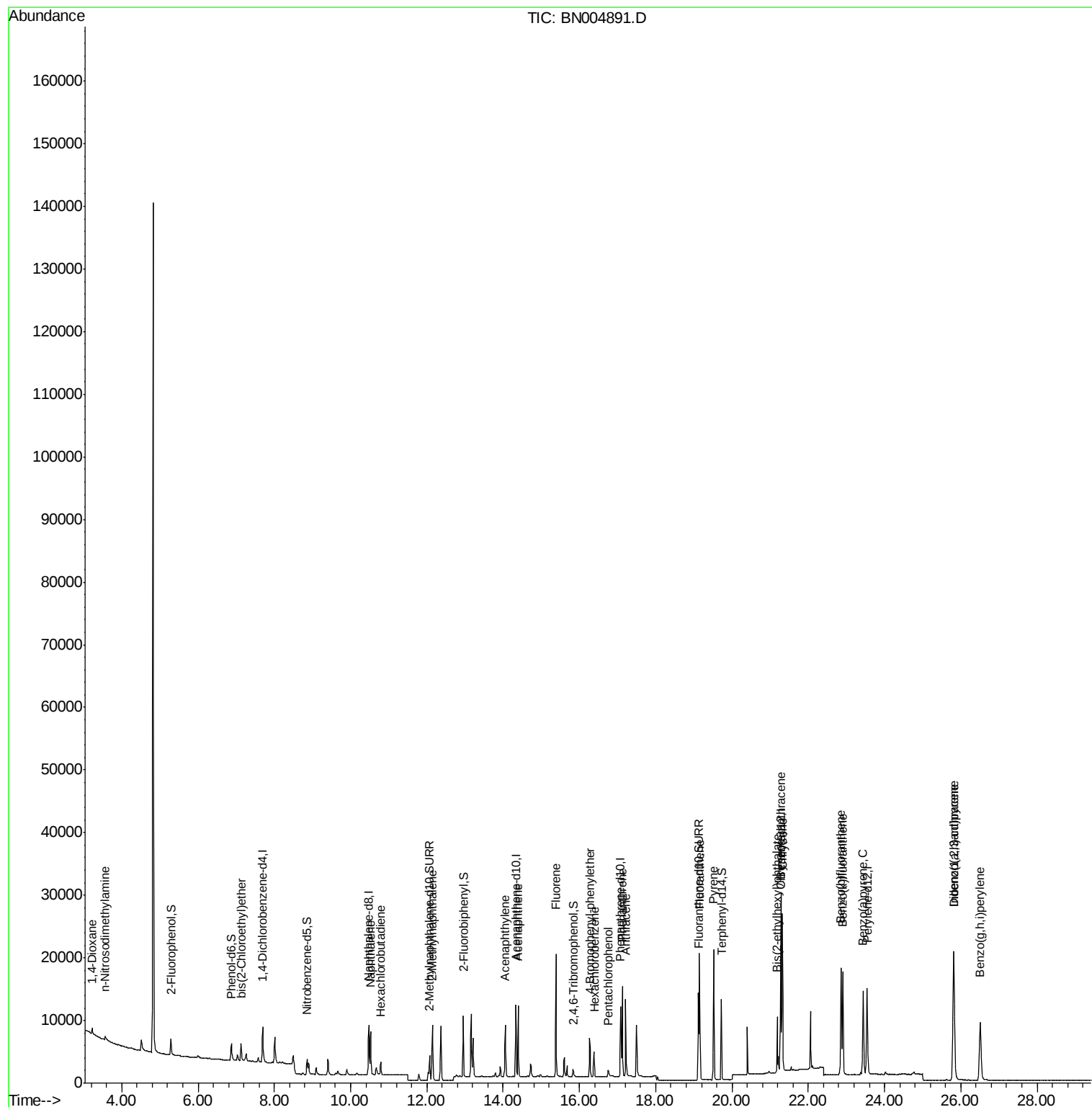
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032219\
Data File : BN004891.D
Acq On : 22 Mar 2019 19:37
Operator : JU/SJ
Sample : PB118153BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

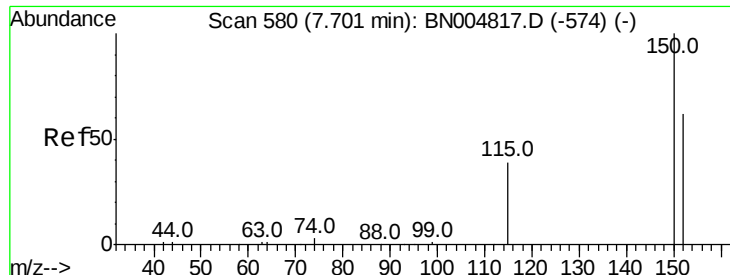
Instrument :
BNA_N
ClientSampleId :
PB118153BS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 579

Delta R.T. -0.01 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Instrument :

BNA_N

ClientSampleId :

PB118153BS

Tot Ion:152 Resp: 2823

Ion Ratio Lower Upper

152 100

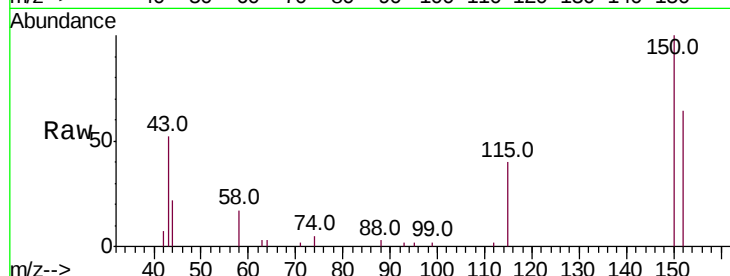
150 155.2 126.2 189.4

115 62.1 52.6 79.0

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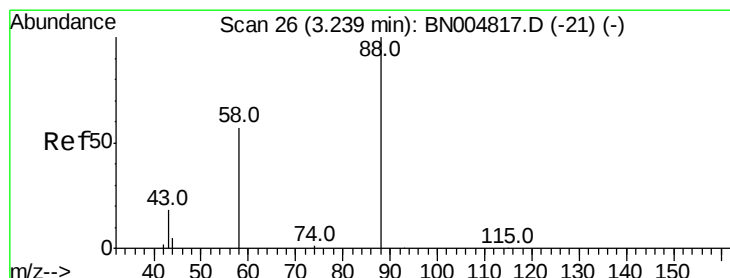
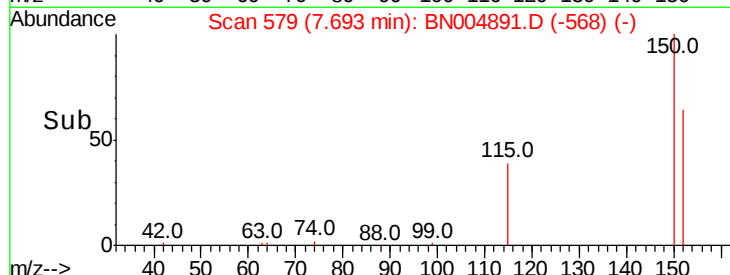
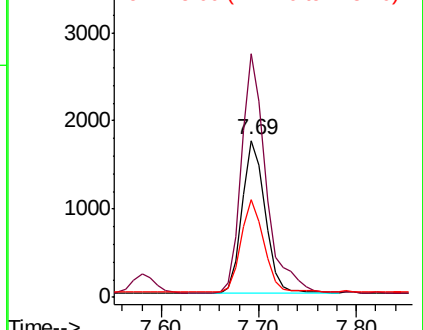
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.228 ng

RT: 3.23 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

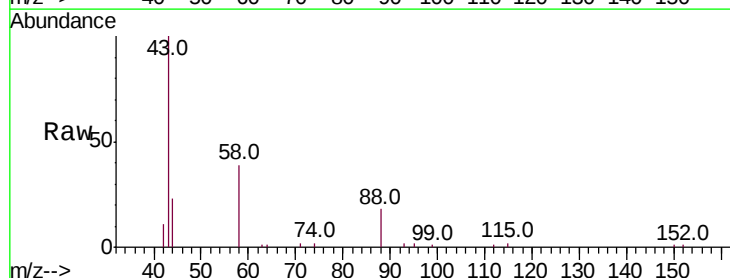
Tgt Ion: 88 Resp: 733

Ion Ratio Lower Upper

88 100

58 93.9 51.4 77.2#

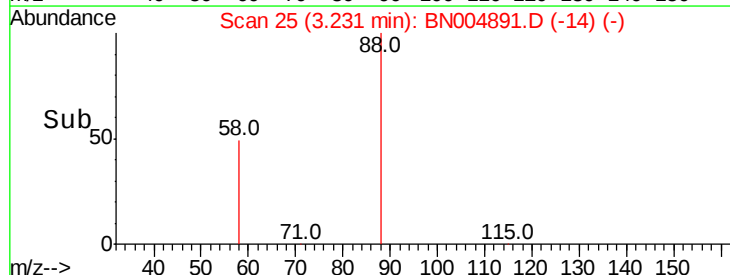
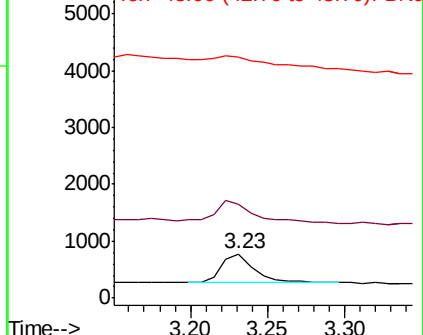
43 81.4 20.0 30.0#



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

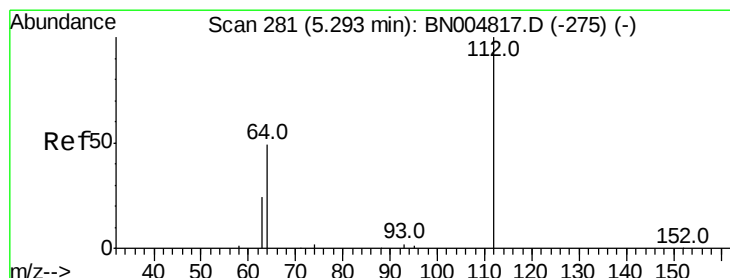
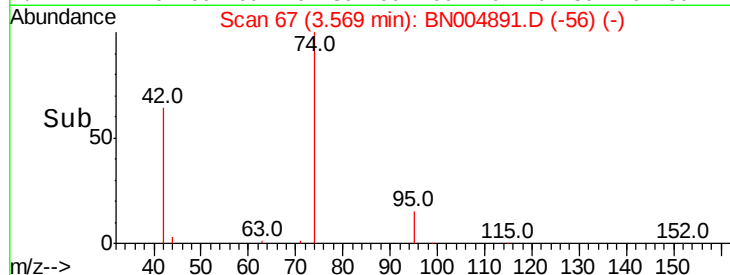
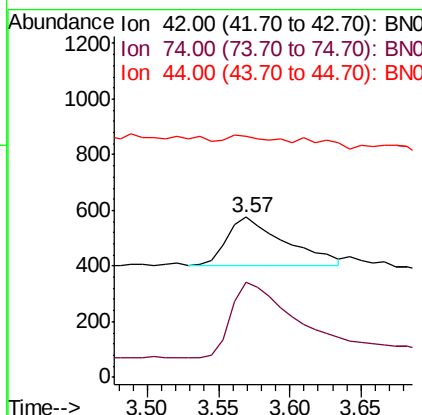
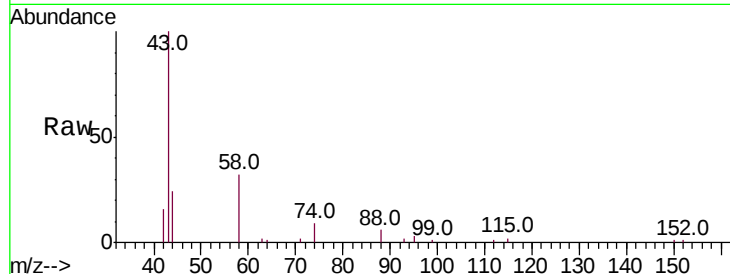
n-Nitrosodimethylamine
Concen: 0.259 ng
RT: 3.57 min Scan# 67
Delta R.T. -0.01 min
Lab File: BN004891.D
Acq: 22 Mar 2019 19:37

Instrument :
BNA_N
ClientSampled :
PB118153BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	177.4	128.4	192.6
44	8.1	6.1	9.1

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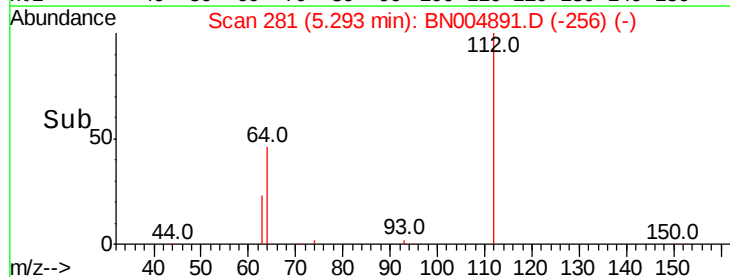
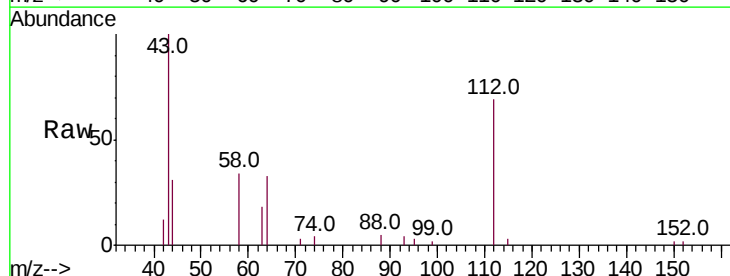
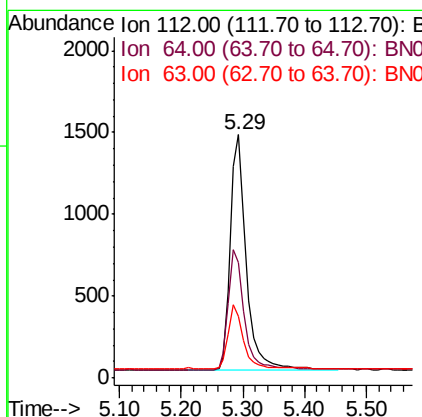
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#4

2-Fluorophenol
Concen: 0.333 ng
RT: 5.29 min Scan# 281
Delta R.T. 0.00 min
Lab File: BN004891.D
Acq: 22 Mar 2019 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	40.0	60.0
63	26.8	20.2	30.2





#5

Phenol-d6

Concen: 0.316 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Instrument :

BNA_N

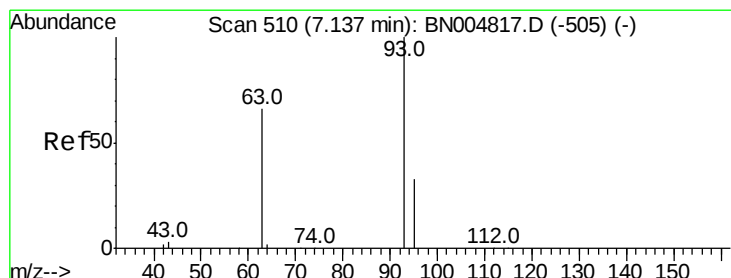
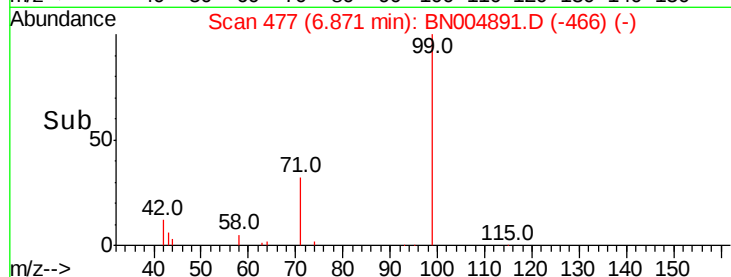
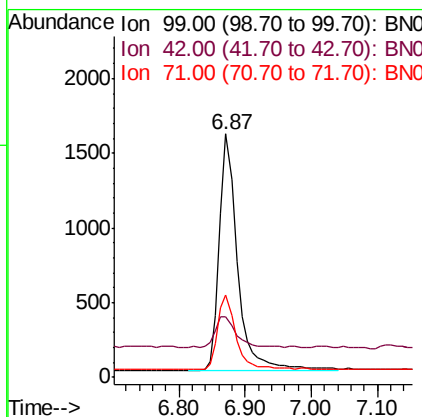
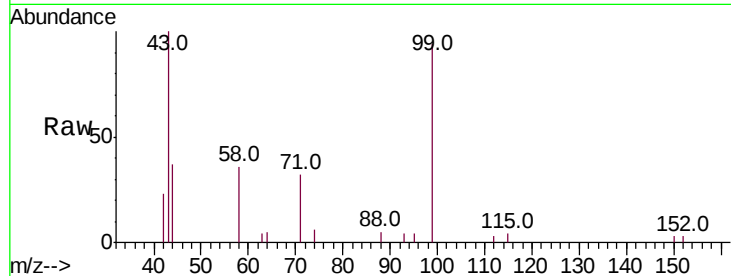
ClientSampleId :

PB118153BS

Tot Ion:	99	Resp:	3020
Ion Ratio	Lower	Upper	
99	100		
42	15.2	12.7	19.1
71	32.6	26.6	40.0

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#6

bis(2-Chloroethyl)ether

Concen: 0.288 ng

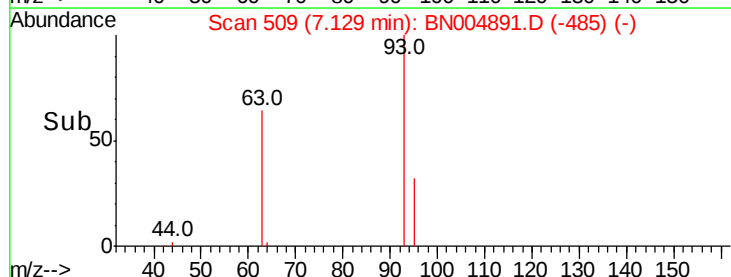
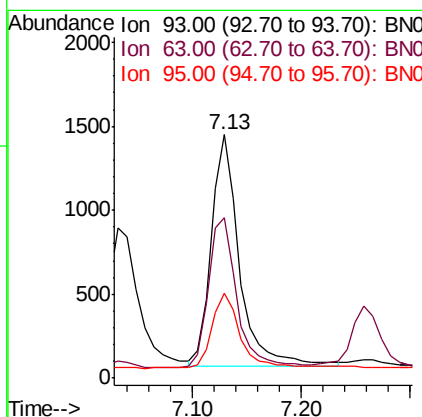
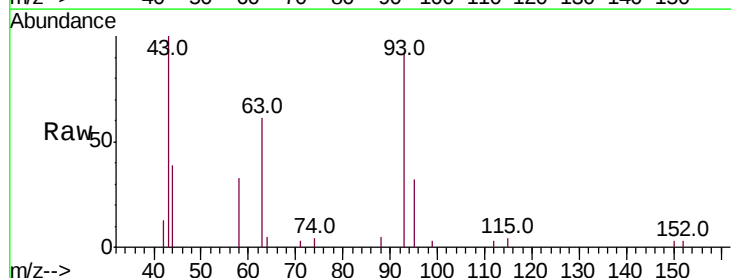
RT: 7.13 min Scan# 509

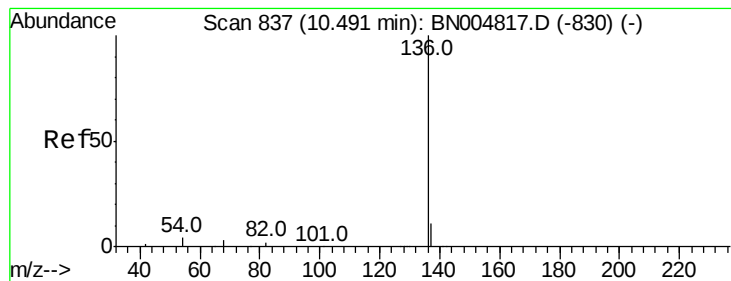
Delta R.T. -0.01 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Tgt Ion:	93	Resp:	2481
Ion Ratio	Lower	Upper	
93	100		
63	66.1	52.6	78.8
95	32.1	25.9	38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Instrument :

BNA_N

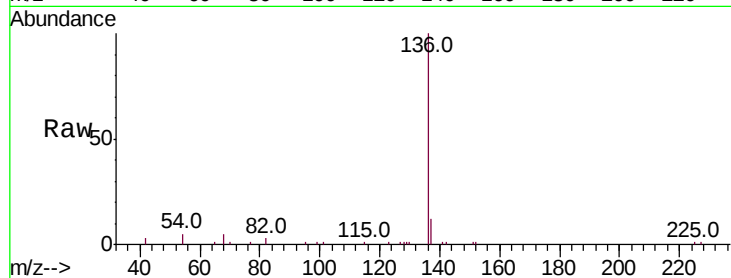
ClientSampled :

PB118153BS

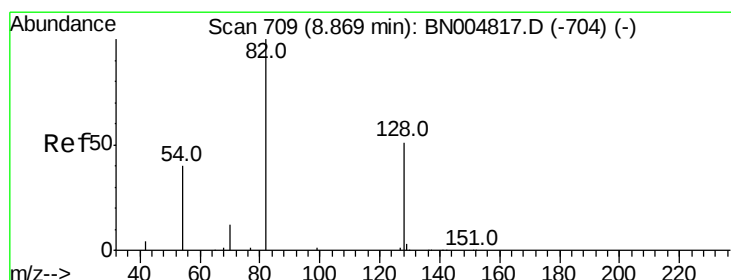
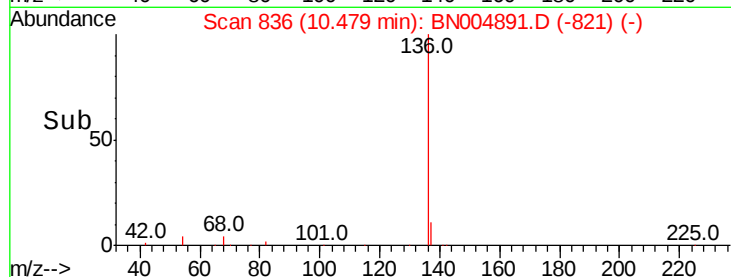
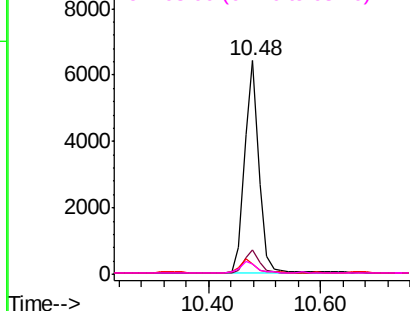
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.7	9.6	14.4	
54	5.1	4.2	6.2	
68	4.6	3.9	5.9	

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Abundance Ion 136.00 (135.70 to 136.70): E
10000
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: 0.298 ng

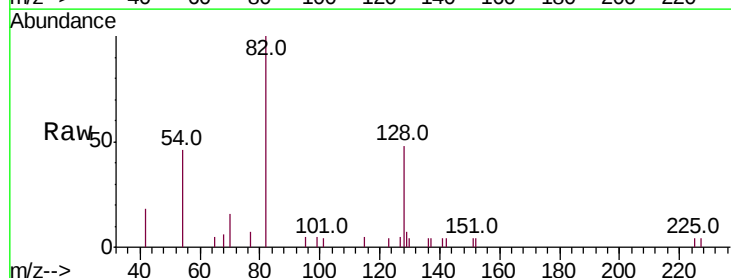
RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

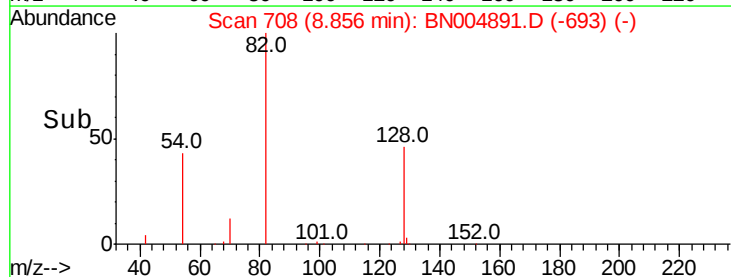
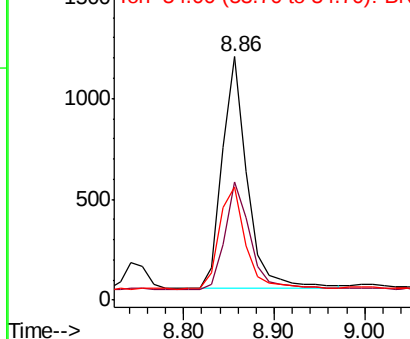
Lab File: BN004891.D

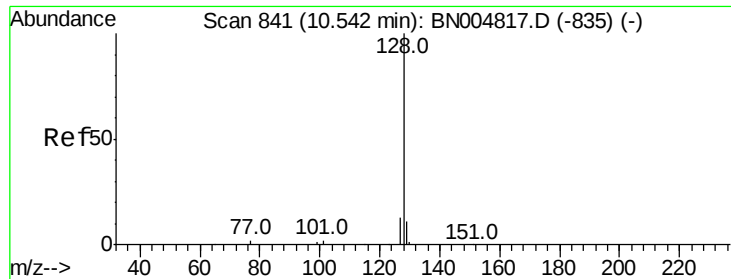
Acq: 22 Mar 2019 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.3	43.0	64.6	
54	46.2	35.3	52.9	



Abundance Ion 82.00 (81.70 to 82.70): BNC
1500
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.304 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Instrument :

BNA_N

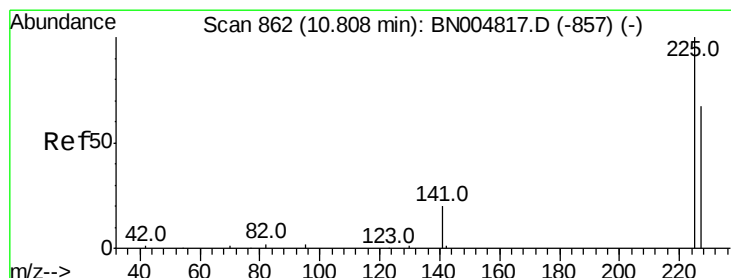
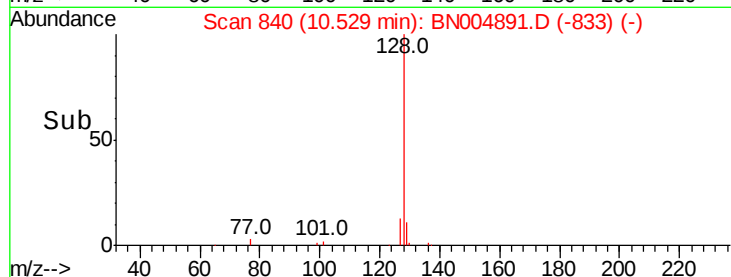
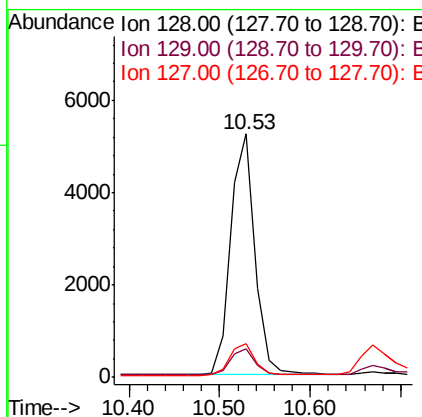
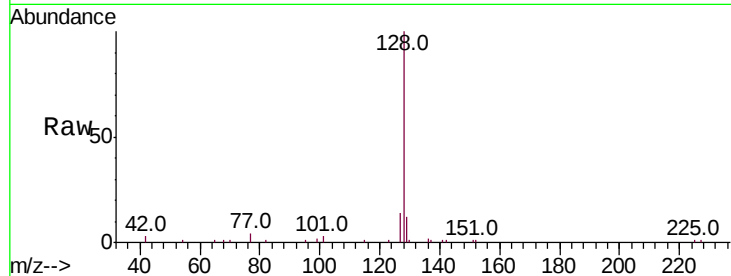
ClientSampleId :

PB118153BS

Tot Ion:128	Resp:	9624
Ion Ratio	Lower	Upper
128 100		
129 11.7	9.9	14.9
127 13.7	11.3	16.9

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#10

Hexachlorobutadiene

Concen: 0.283 ng

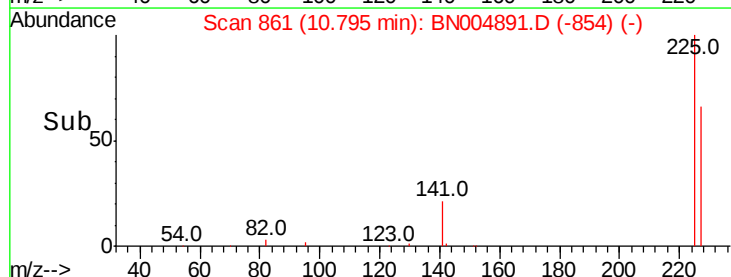
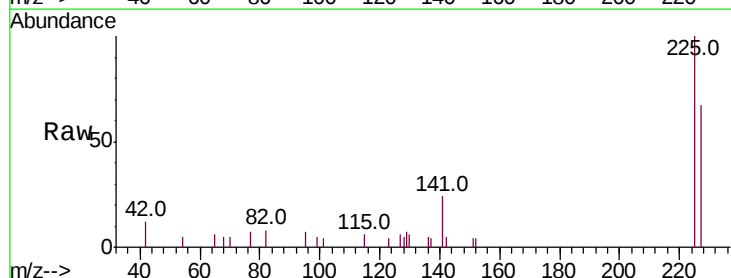
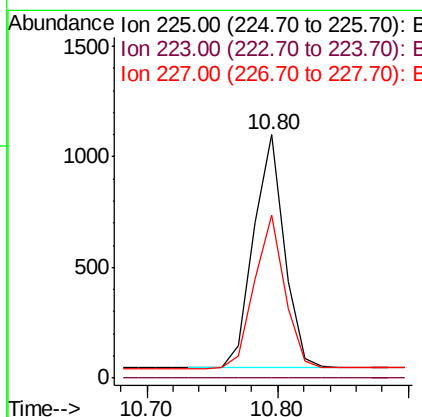
RT: 10.80 min Scan# 861

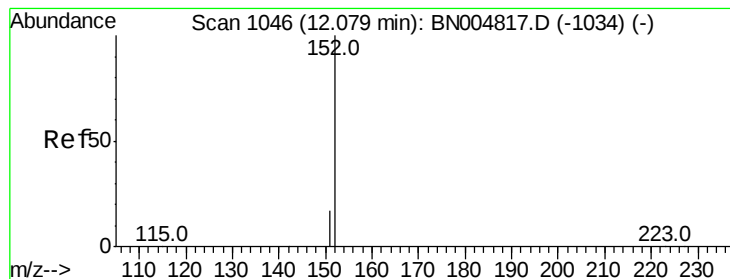
Delta R.T. -0.01 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Tgt Ion:225	Resp:	1709
Ion Ratio	Lower	Upper
225 100		
223 0.0	0.0	0.0
227 64.9	52.2	78.4





#11

2-Methylnaphthalene-d10

Concen: 0.301 ng

RT: 12.07 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Instrument :

BNA_N

ClientSampleId :

PB118153BS

Tot Ion:152 Resp: 5931

Ion Ratio Lower Upper

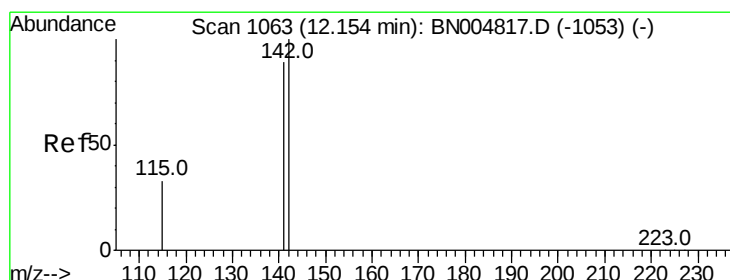
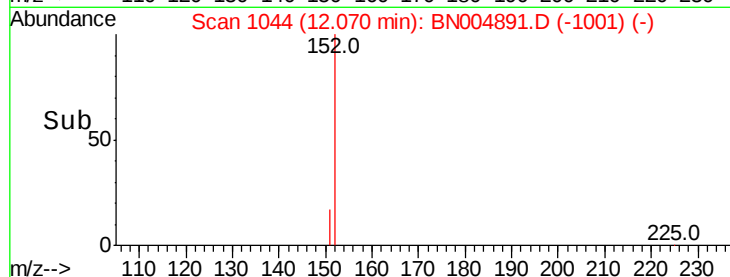
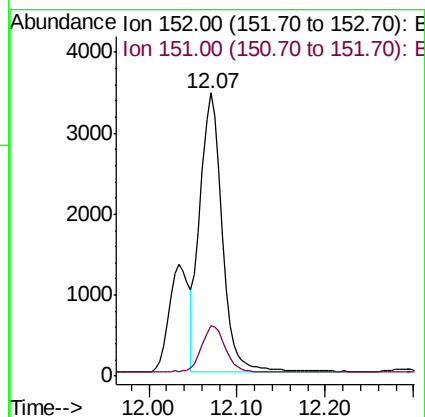
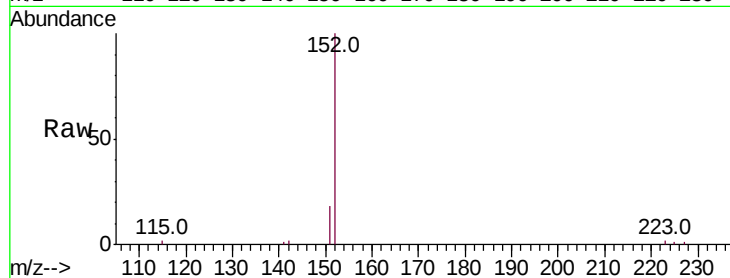
152 100

151 18.6 15.5 23.3

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#12

2-Methylnaphthalene

Concen: 0.288 ng

RT: 12.15 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

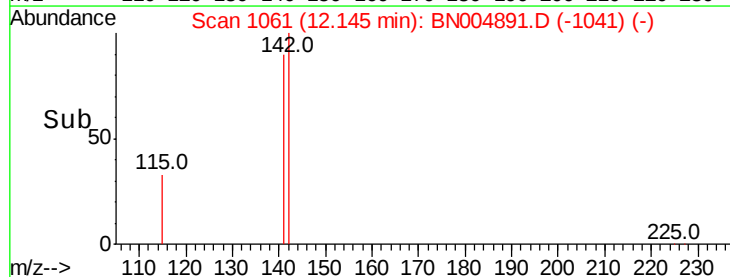
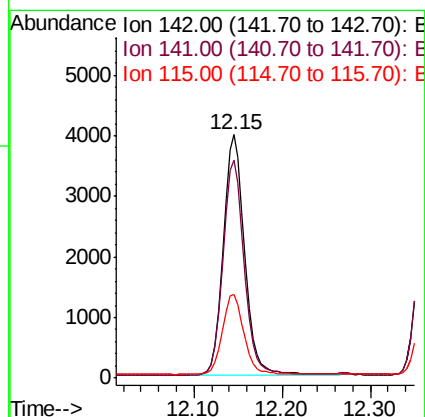
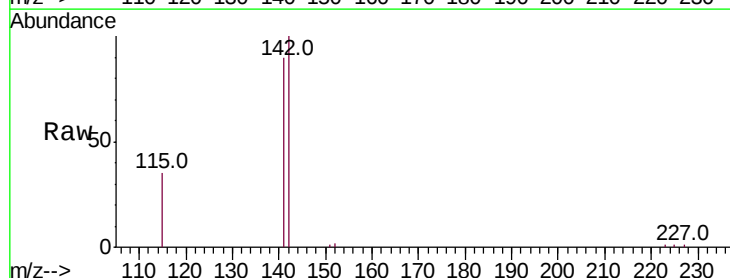
Tgt Ion:142 Resp: 6760

Ion Ratio Lower Upper

142 100

141 89.5 71.4 107.2

115 34.6 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Instrument :

BNA_N

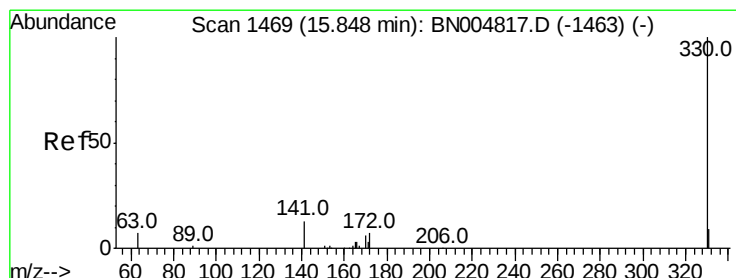
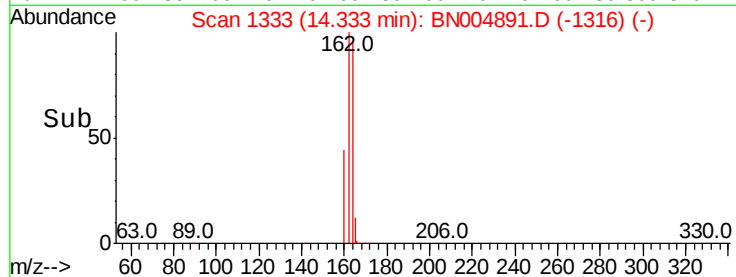
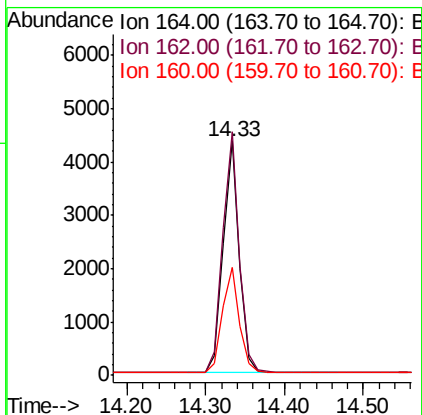
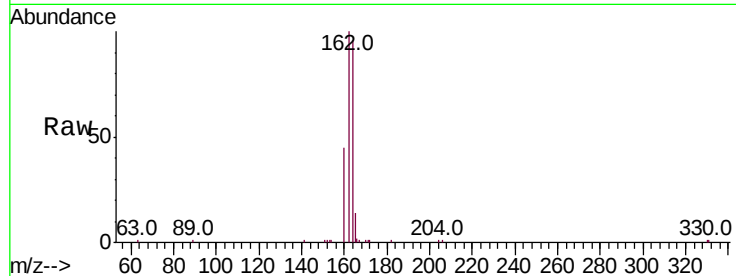
ClientSampleId :

PB118153BS

Tot Ion:	164	Resp:	6318
Ion Ratio	Lower	Upper	
164	100		
162	104.0	81.9	122.9
160	46.3	36.6	54.8

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#14

2,4,6-Tribromophenol

Concen: 0.261 ng

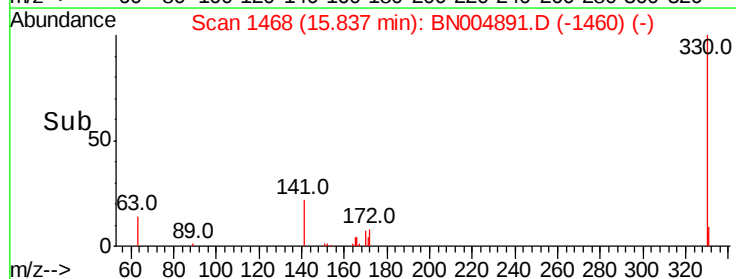
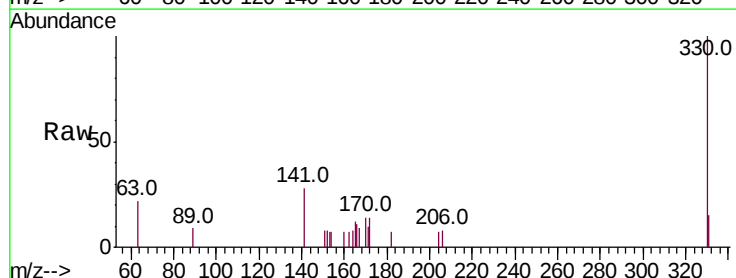
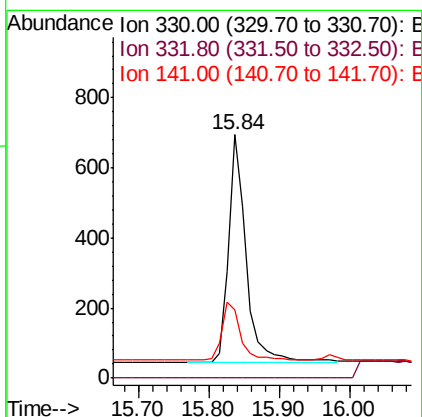
RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Tgt Ion:	330	Resp:	1140
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	26.8	20.9	31.3





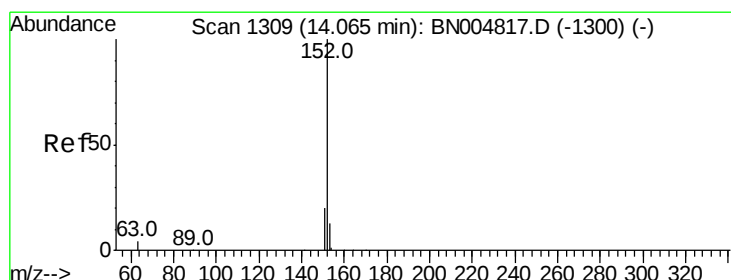
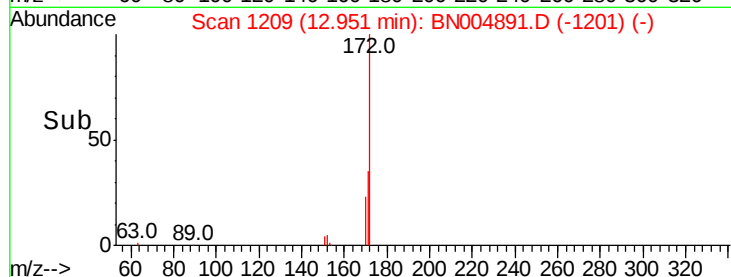
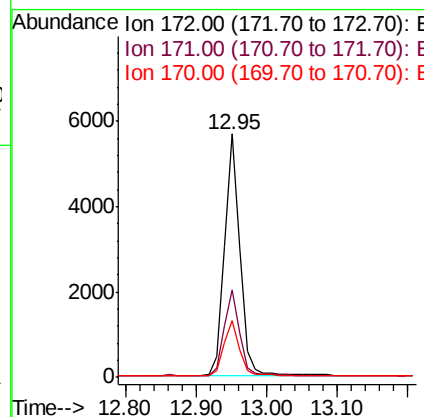
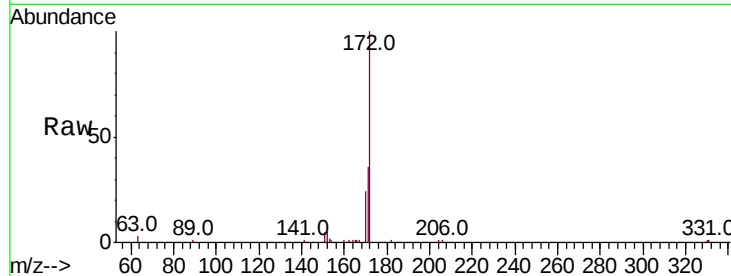
#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004891.D
Acq: 22 Mar 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PB118153BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.7	43.1
170	23.5	18.7	28.1

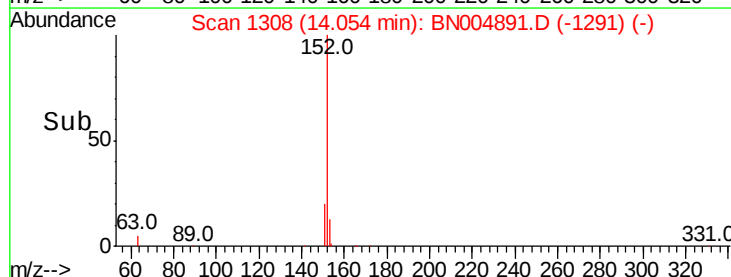
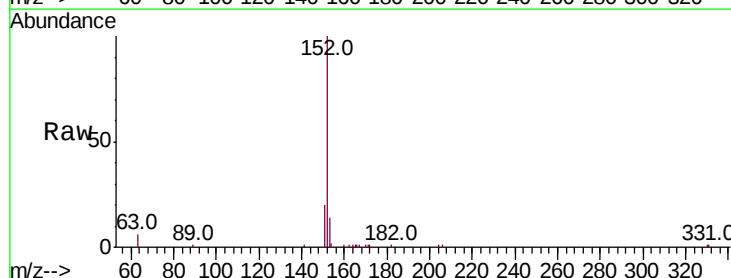
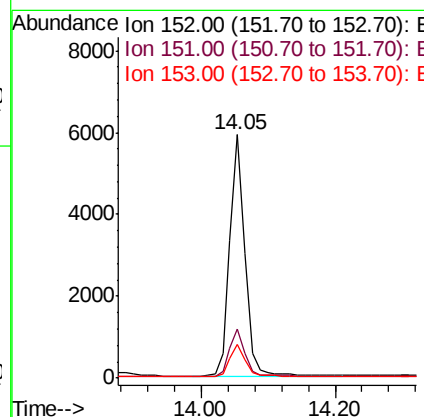
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#16
Acenaphthylene
Concen: 0.286 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004891.D
Acq: 22 Mar 2019 19:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.3	10.5	15.7





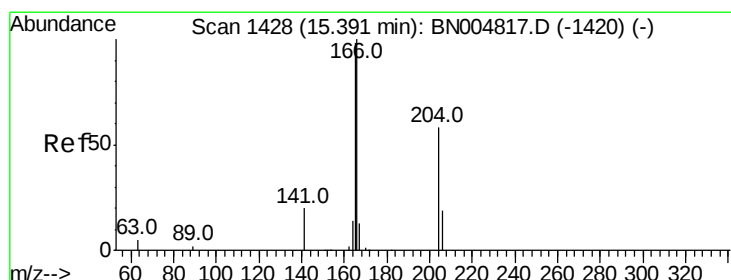
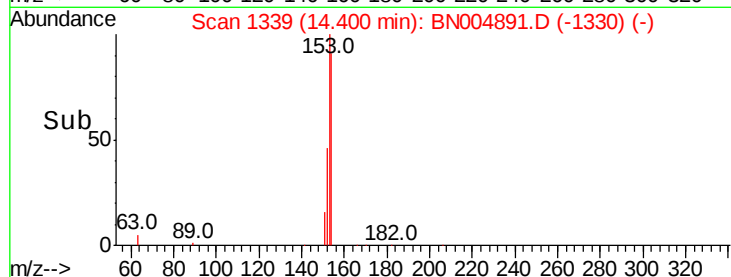
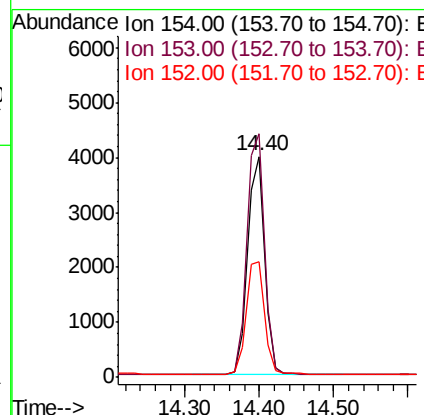
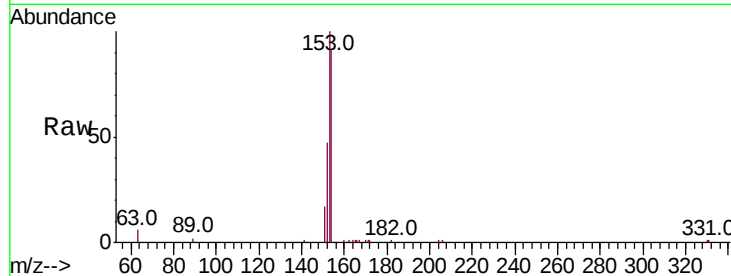
#17
Acenaphthene
Concen: 0.297 ng
RT: 14.40 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BN004891.D
Acq: 22 Mar 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PB118153BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.4	137.2
152	55.1	44.2	66.2

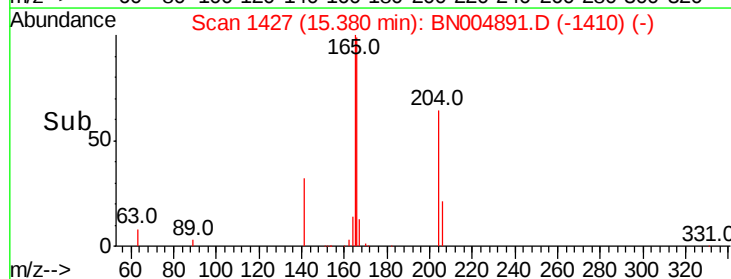
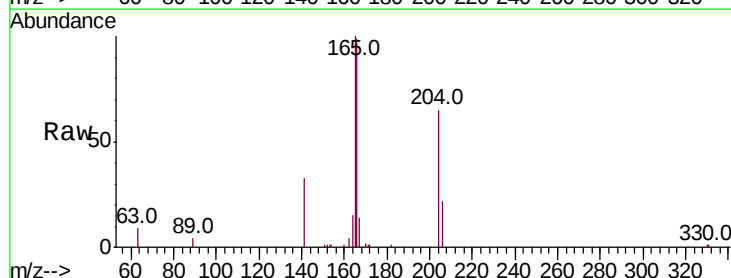
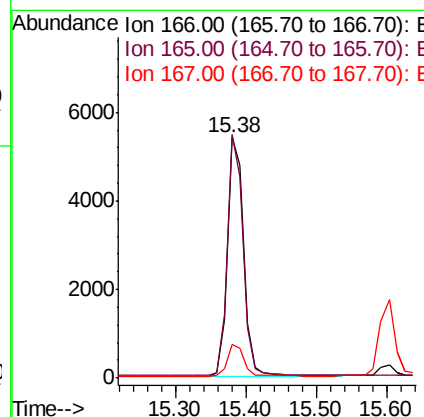
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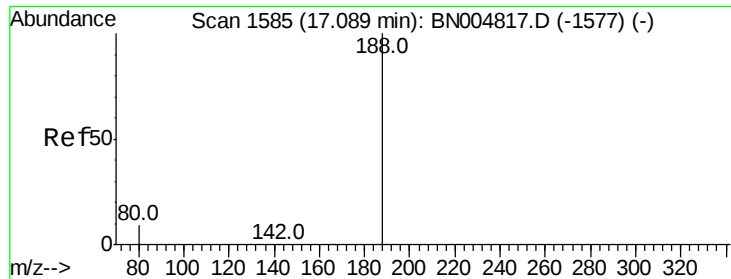
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#18
Fluorene
Concen: 0.293 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004891.D
Acq: 22 Mar 2019 19:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.2	117.4
167	13.4	11.0	16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.08 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Instrument :

BNA_N

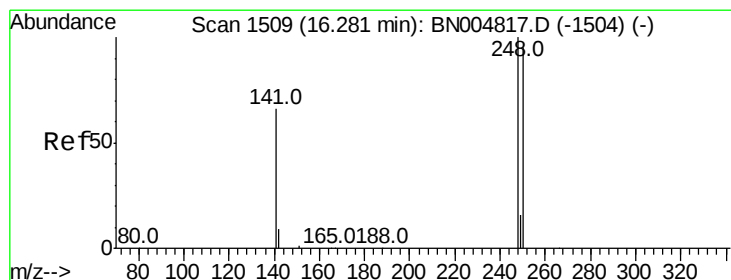
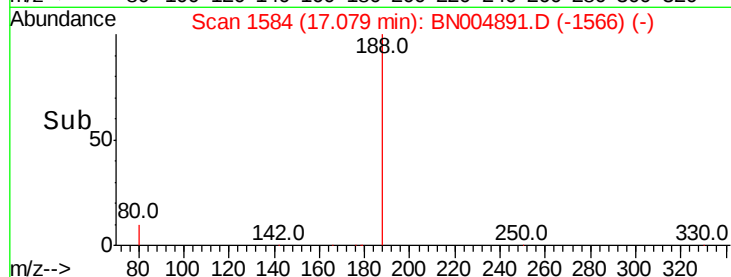
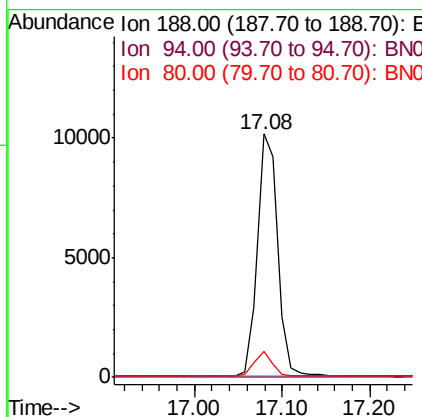
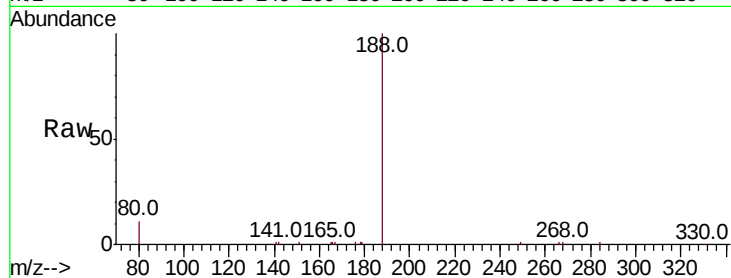
ClientSampled :

PB118153BS

Tot Ion:	188	Resp:	16310
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.7	7.4	11.2

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#20

4-Bromophenyl-phenylether

Concen: 0.284 ng

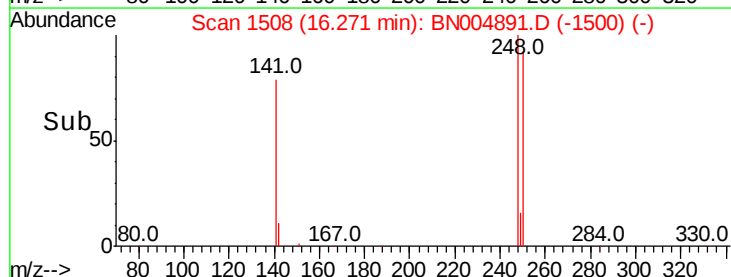
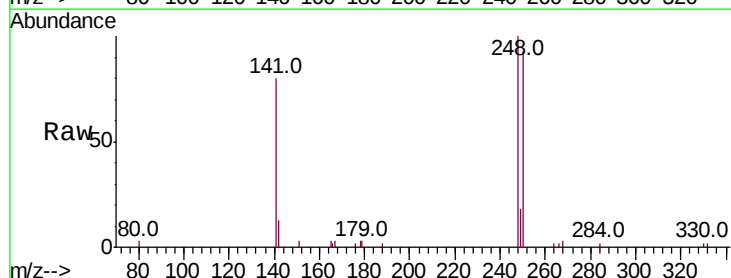
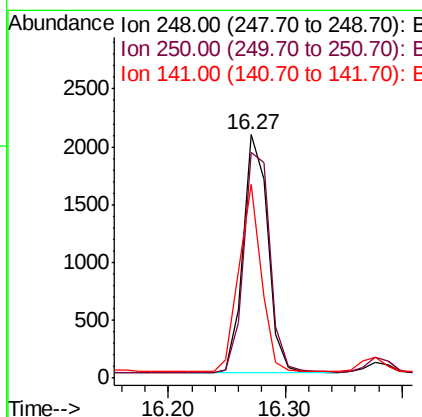
RT: 16.27 min Scan# 1508

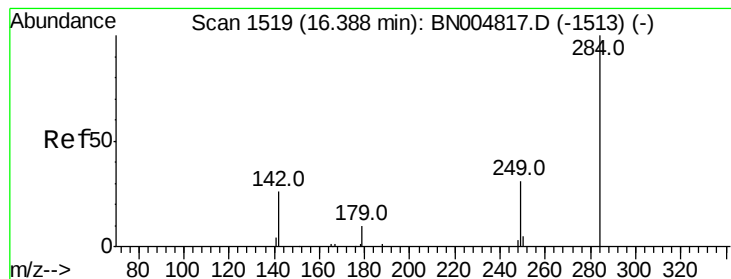
Delta R.T. -0.01 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Tgt Ion:	248	Resp:	3024
Ion Ratio	Lower	Upper	
248	100		
250	92.6	76.2	114.4
141	79.7	53.9	80.9





#21

Hexachlorobenzene

Concen: 0.270 ng

RT: 16.39 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Instrument :

BNA_N

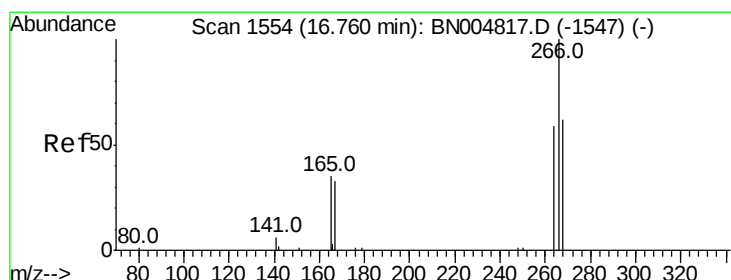
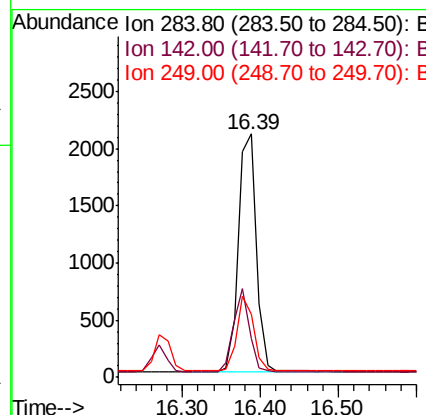
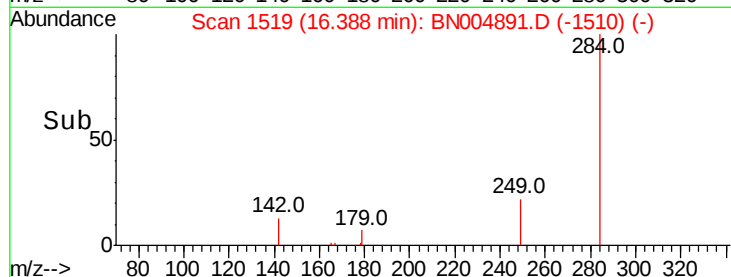
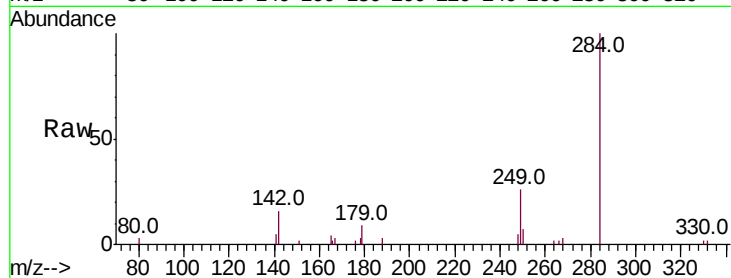
ClientSampleId :

PB118153BS

Tot Ion:	284	Resp:	3297
Ion Ratio	Lower	Upper	
284	100		
142	30.8	22.6	34.0
249	29.6	22.5	33.7

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#22

Pentachlorophenol

Concen: 0.389 ng m

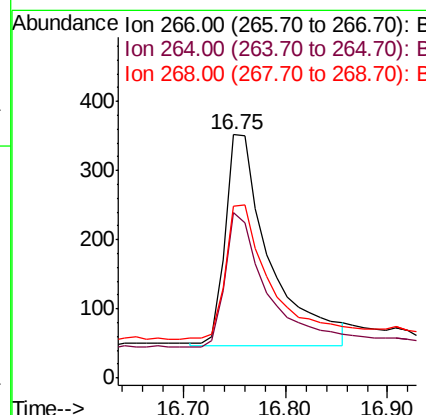
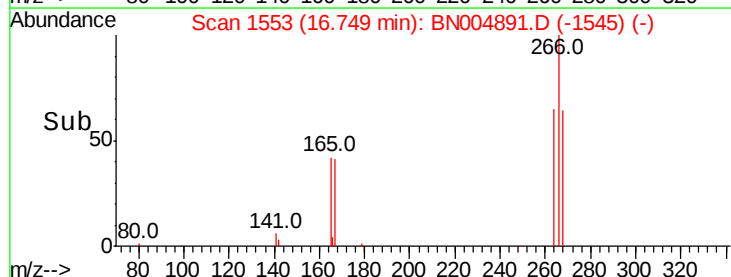
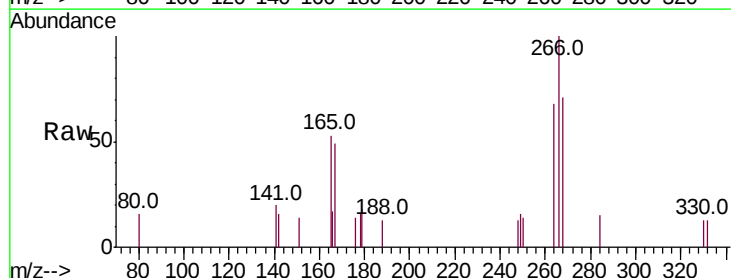
RT: 16.75 min Scan# 1553

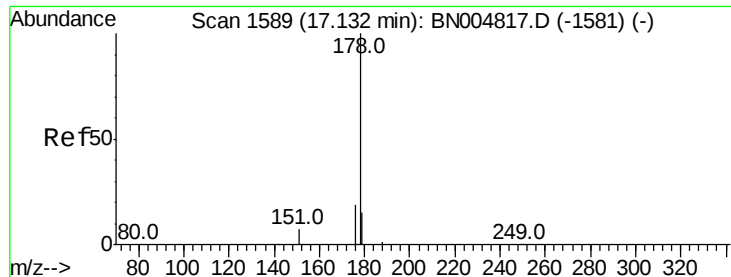
Delta R.T. -0.01 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Tgt Ion:	266	Resp:	927
Ion Ratio	Lower	Upper	
266	100		
264	68.2	53.1	79.7
268	70.7	57.7	86.5





#23

Phenanthrene

Concen: 0.292 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Instrument :

BNA_N

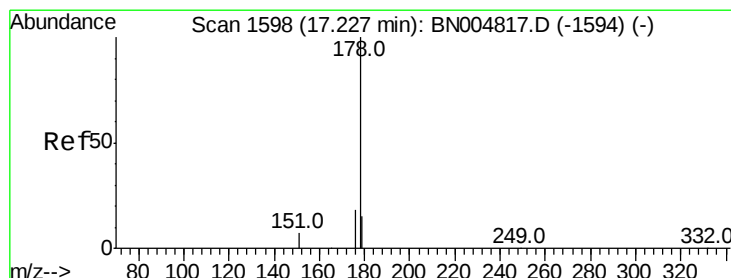
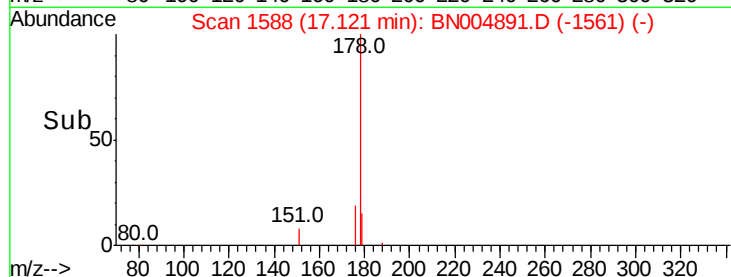
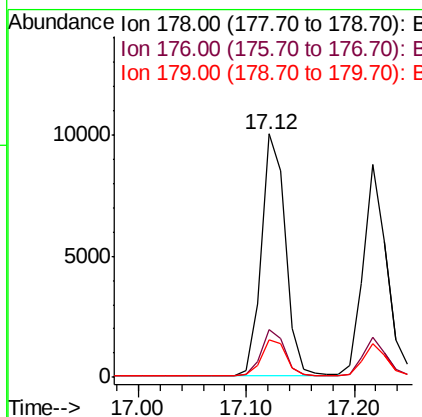
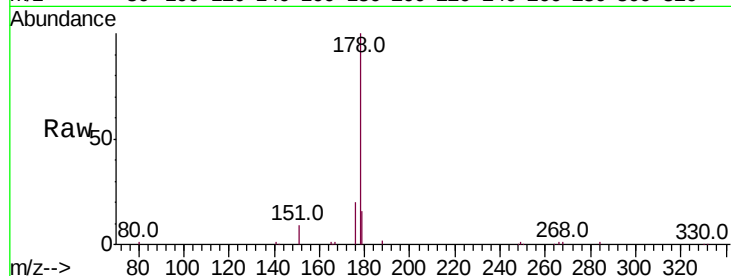
ClientSampled :

PB118153BS

Tot Ion:178	Resp:	15387
Ion Ratio	Lower	Upper
178	100	
176	18.9	14.9 22.3
179	15.4	12.1 18.1

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#24

Anthracene

Concen: 0.285 ng

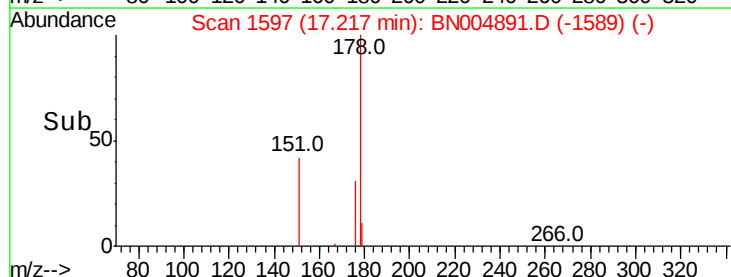
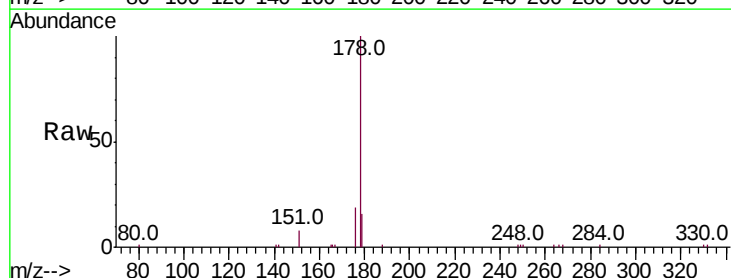
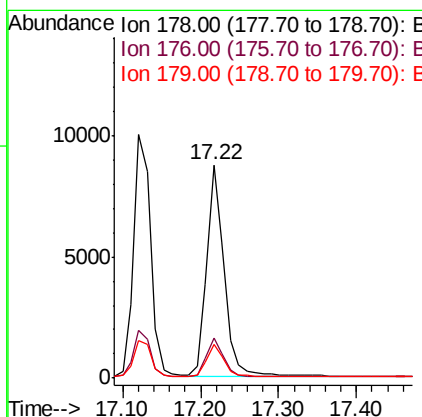
RT: 17.22 min Scan# 1597

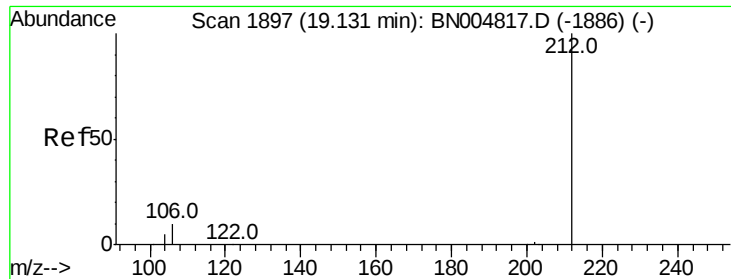
Delta R.T. -0.01 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Tgt Ion:178	Resp:	13395
Ion Ratio	Lower	Upper
178	100	
176	18.3	14.5 21.7
179	15.3	12.2 18.4





#25

Fluoranthene-d10

Concen: 0.301 ng

RT: 19.12 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Instrument :

BNA_N

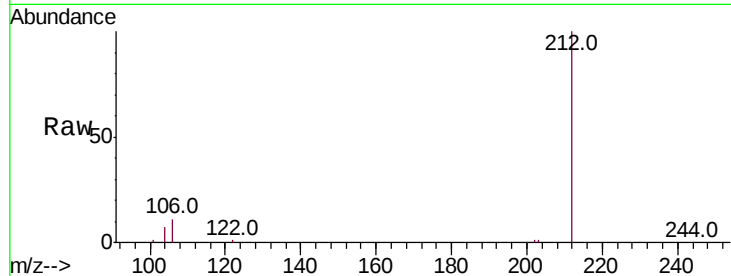
ClientSampleId :

PB118153BS

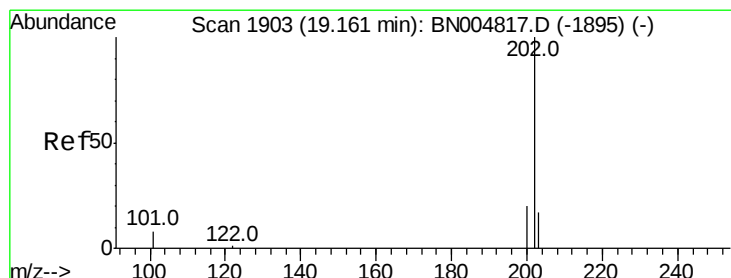
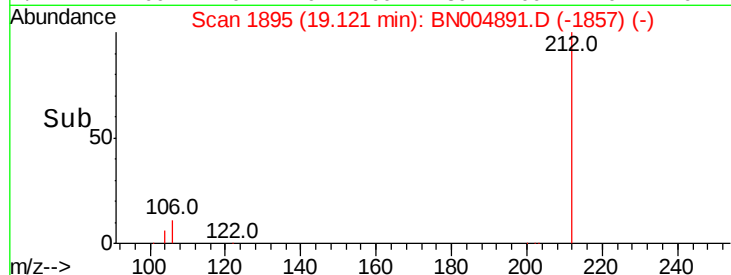
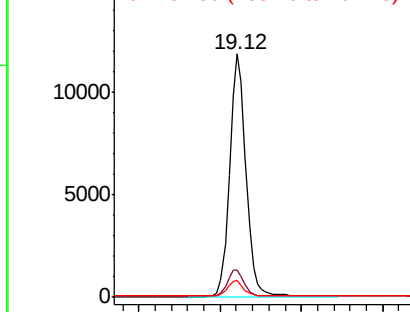
Tot Ion	Ratio	Resp	Lower	Upper
212	100	16442		
106	11.4	8.6	13.0	
104	6.4	4.7	7.1	

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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: 0.284 ng

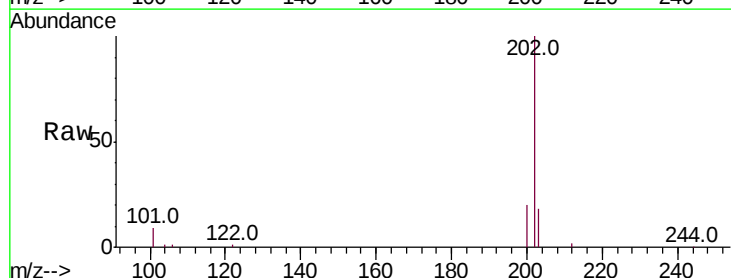
RT: 19.16 min Scan# 1902

Delta R.T. -0.00 min

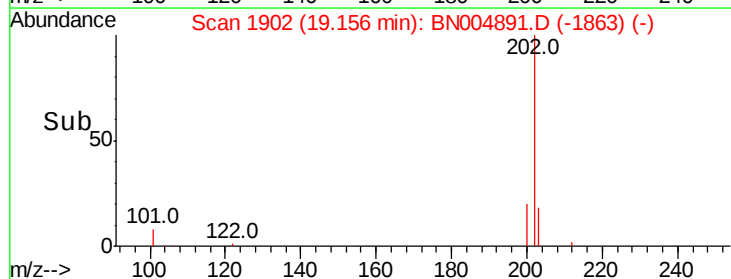
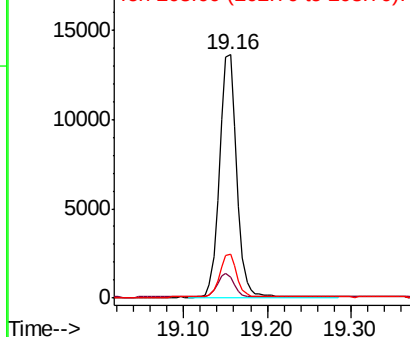
Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	19252		
101	9.7	7.5	11.3	
203	17.3	13.8	20.6	



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





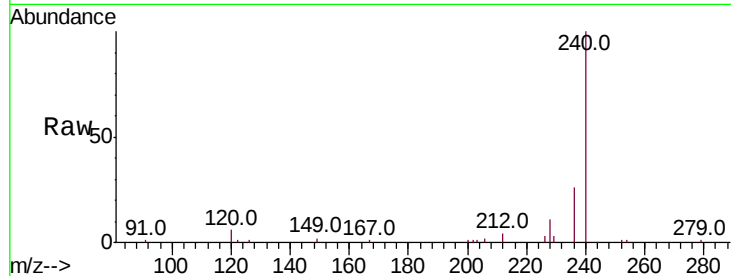
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BN004891.D
Acq: 22 Mar 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PB118153BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.8	7.2	10.8#
236	26.0	20.9	31.3

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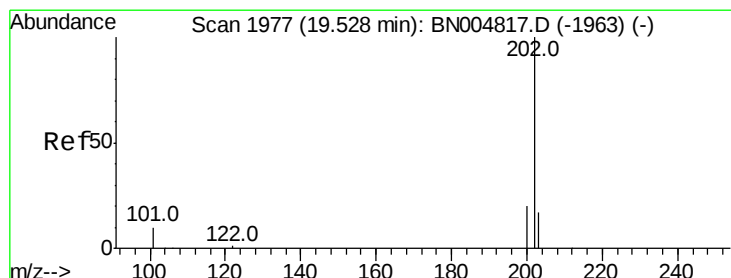
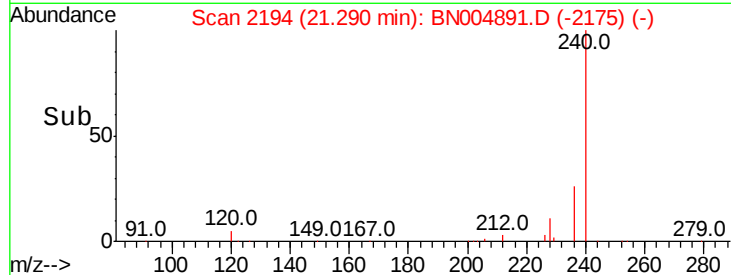
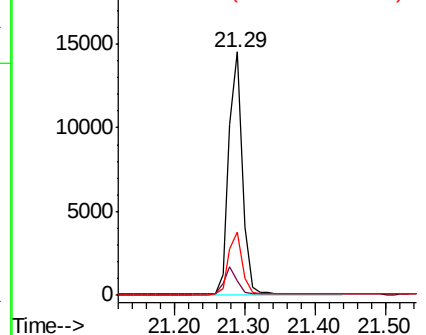


Abundance

Ion 240.00 (239.70 to 240.70): E

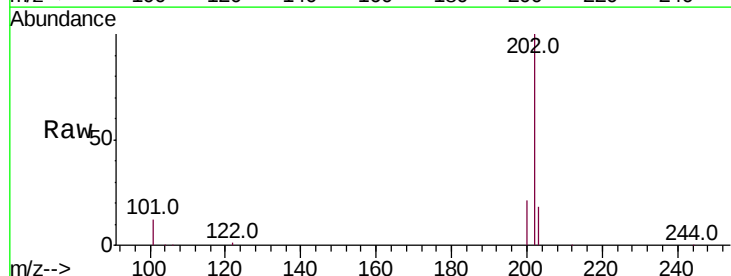
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28
Pyrene
Concen: 0.326 ng
RT: 19.52 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BN004891.D
Acq: 22 Mar 2019 19:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	18.0	14.0	21.0

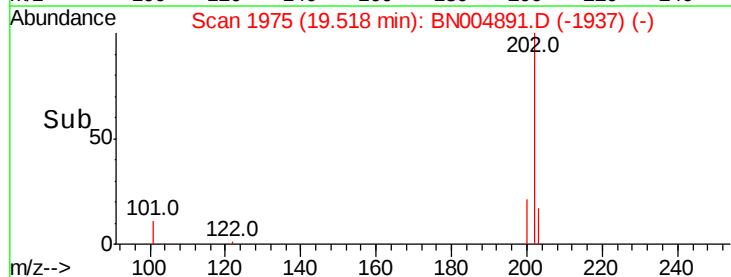
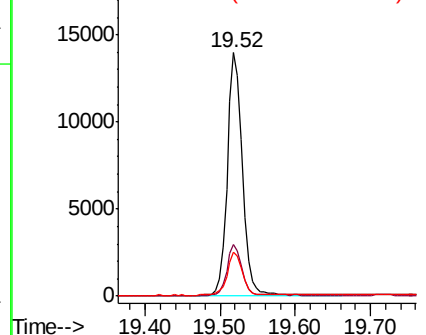


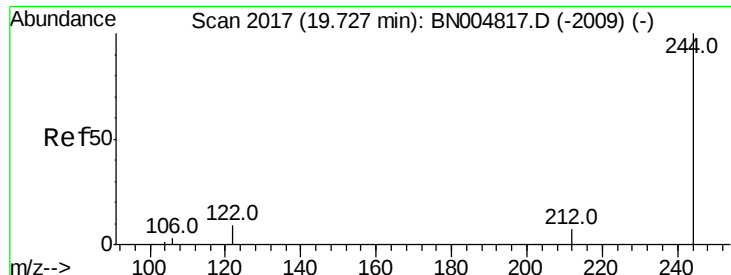
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.341 ng

RT: 19.72 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Instrument :

BNA_N

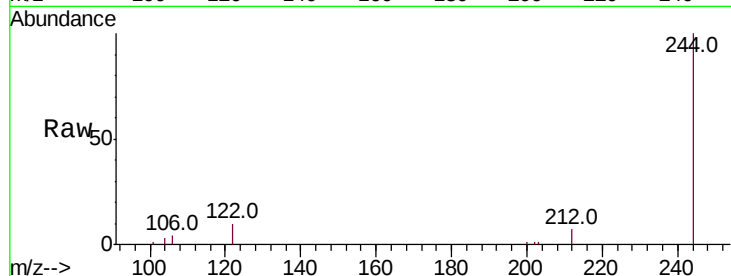
ClientSampleId :

PB118153BS

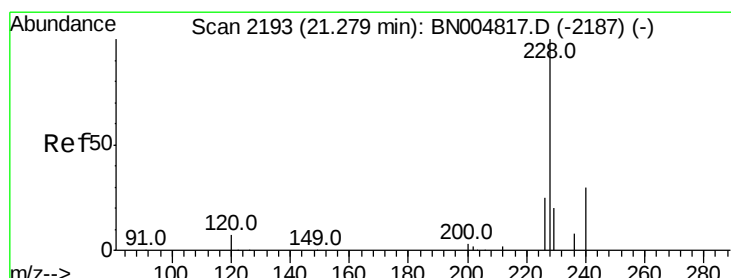
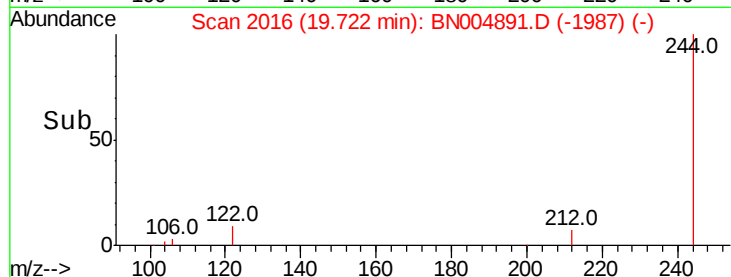
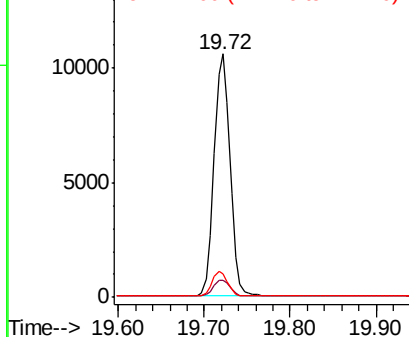
Tot Ion:	244	Resp:	13731
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.6
122	9.6	7.9	11.9

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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: 0.296 ng

RT: 21.27 min Scan# 2192

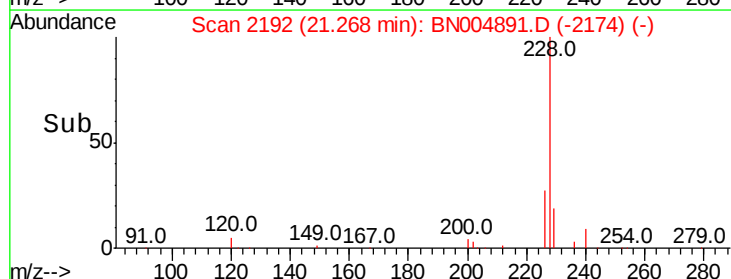
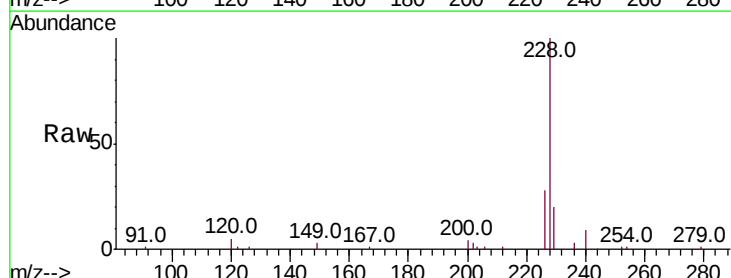
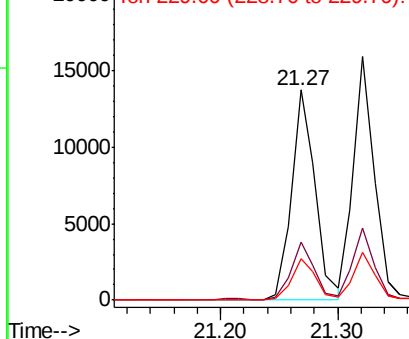
Delta R.T. -0.01 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Tgt Ion:	228	Resp:	19107
Ion Ratio	Lower	Upper	
228	100		
226	27.7	20.6	31.0
229	19.5	16.2	24.4

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





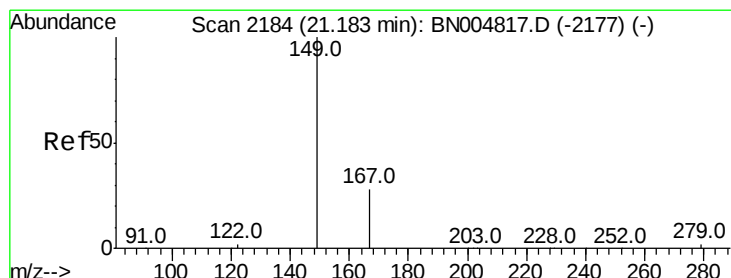
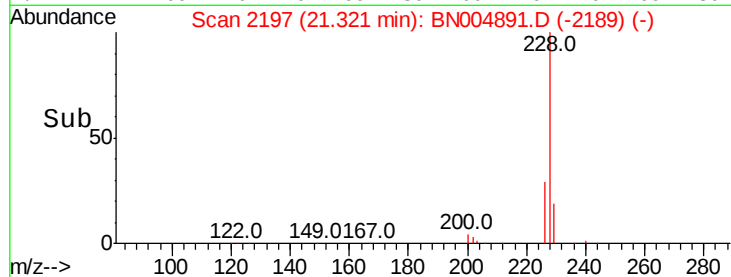
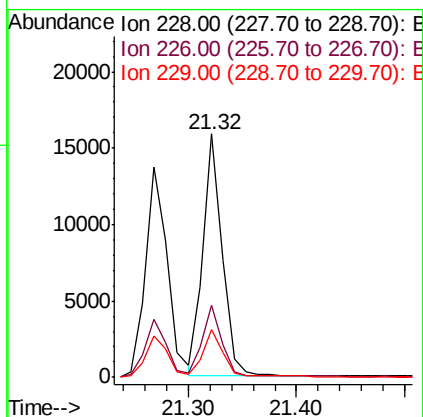
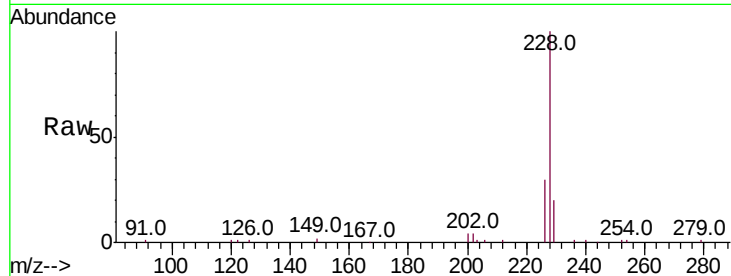
#31
Chrysene
Concen: 0.289 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN004891.D
Acq: 22 Mar 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PB118153BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.0	34.6
229	19.7	16.2	24.2

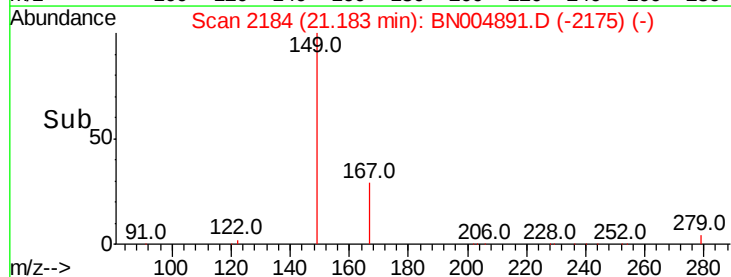
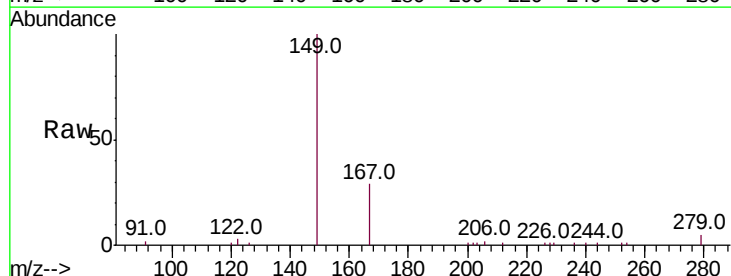
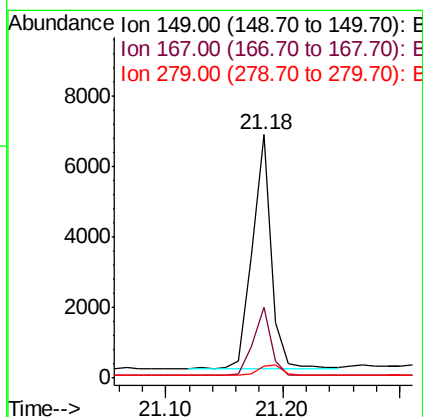
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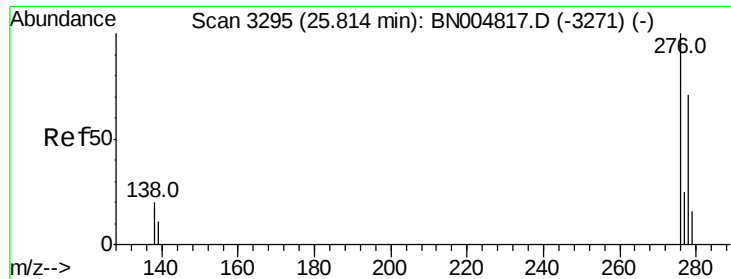
Sohil
3/25/2019 8:57:24 AM



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.289 ng
RT: 21.18 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BN004891.D
Acq: 22 Mar 2019 19:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.0	34.4
279	5.2	4.6	6.8





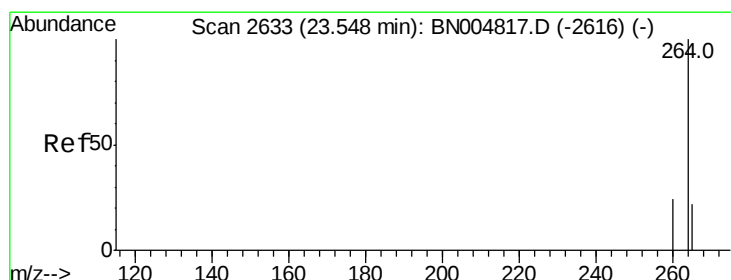
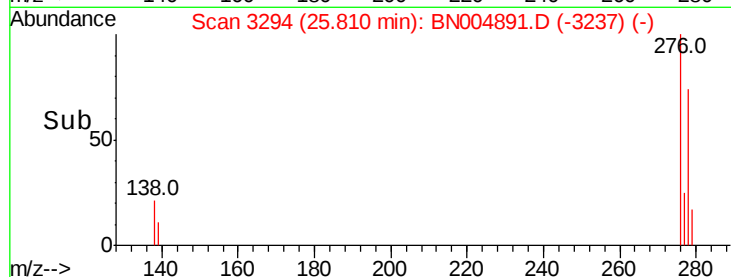
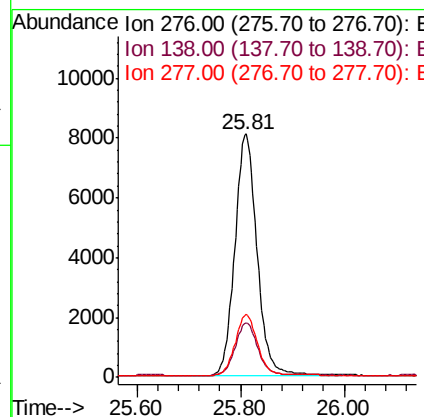
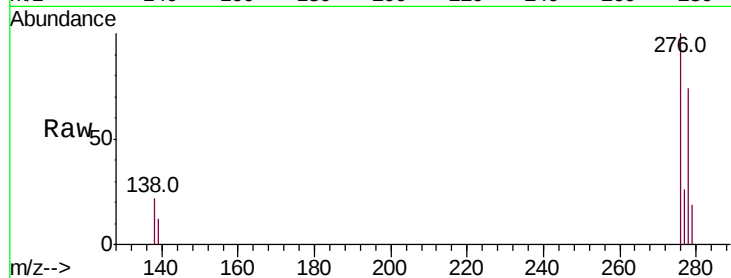
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.245 ng
 RT: 25.81 min Scan# 3294
 Delta R.T. -0.00 min
 Lab File: BN004891.D
 Acq: 22 Mar 2019 19:37

Instrument :
 BNA_N
 ClientSampleId :
 PB118153BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	16.6	24.8
277	25.1	20.3	30.5

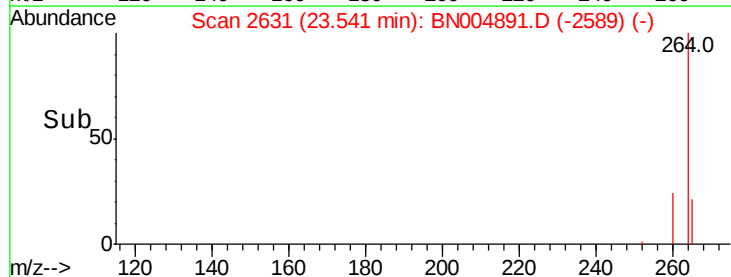
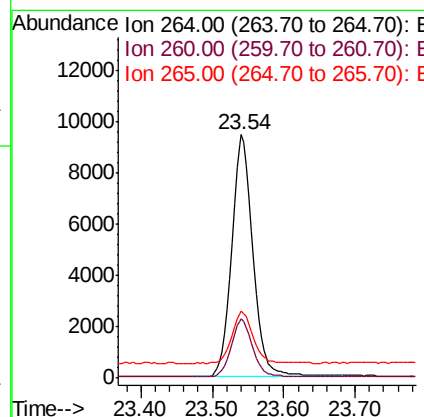
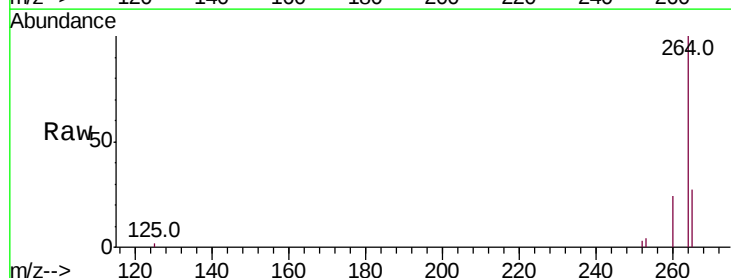
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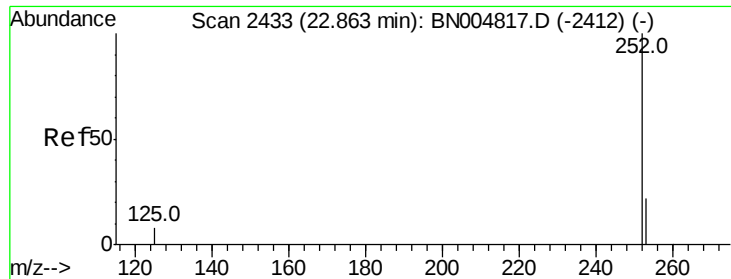
Sohil
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.54 min Scan# 2631
 Delta R.T. -0.01 min
 Lab File: BN004891.D
 Acq: 22 Mar 2019 19:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	27.4	23.1	34.7





#35

Benzo(b)fluoranthene

Concen: 0.294 ng

RT: 22.86 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Instrument :

BNA_N

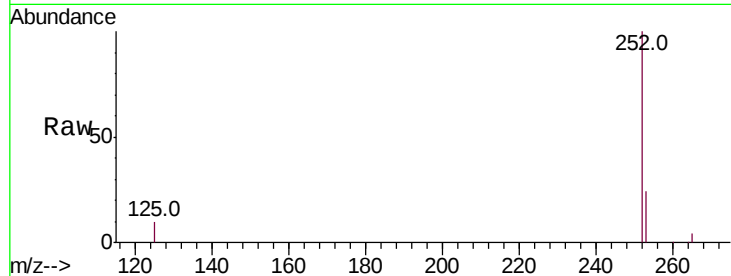
ClientSampleId :

PB118153BS

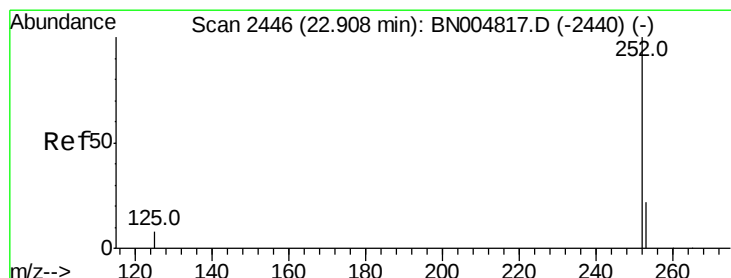
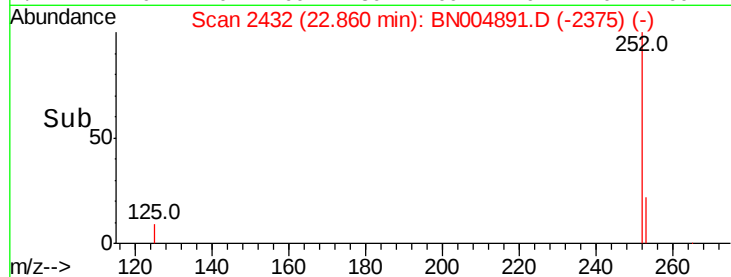
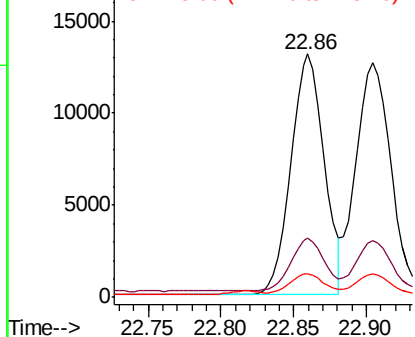
Tot Ion:252	Resp:	20838
Ion Ratio	Lower	Upper
252	100	
253	24.2	19.0 28.4
125	9.8	7.4 11.2

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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: 0.308 ng

RT: 22.90 min Scan# 2445

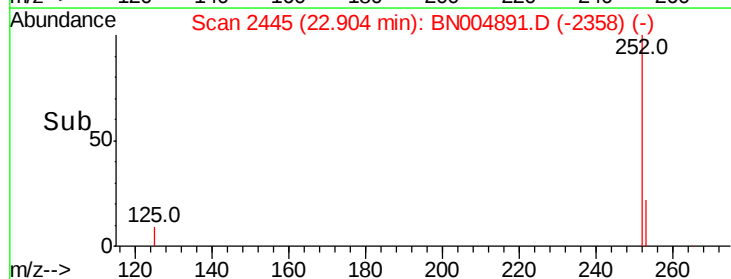
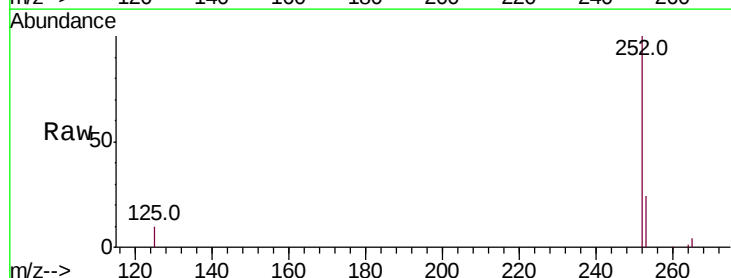
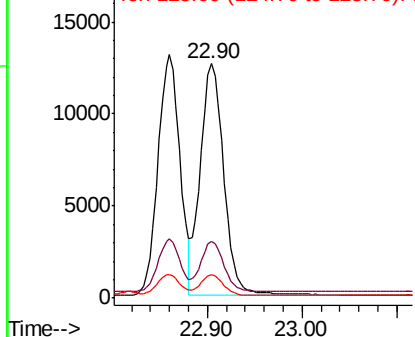
Delta R.T. -0.00 min

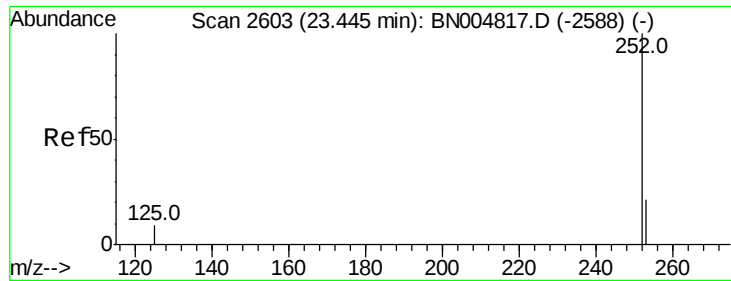
Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Tgt Ion:252	Resp:	21455
Ion Ratio	Lower	Upper
252	100	
253	24.3	19.3 28.9
125	10.0	7.4 11.0

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





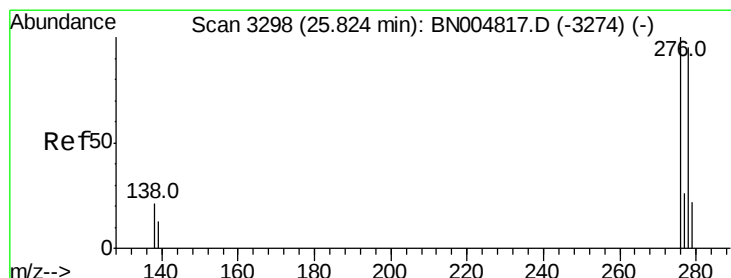
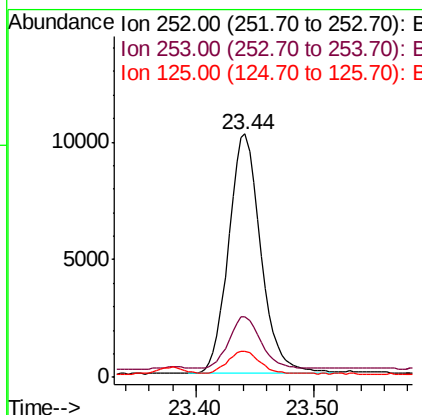
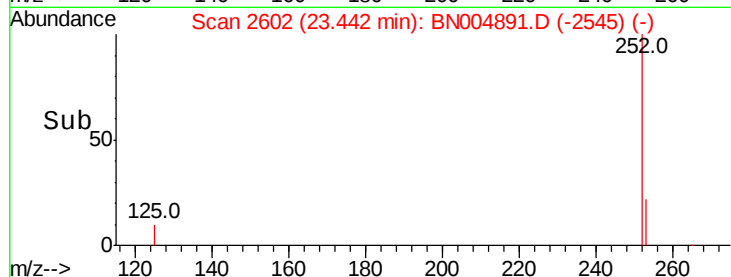
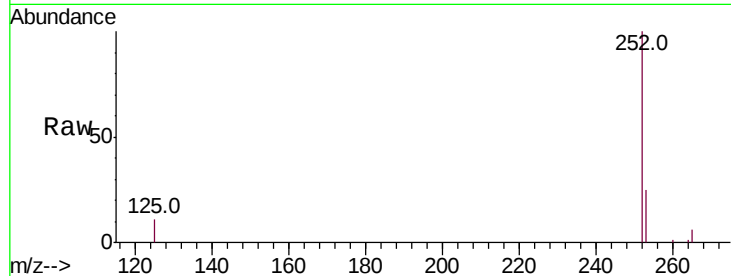
#37
Benzo(a)pyrene
Concen: 0.299 ng
RT: 23.44 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BN004891.D
Acq: 22 Mar 2019 19:37

Instrument :
BNA_N
ClientSampled :
PB118153BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.7	29.5
125	10.8	8.3	12.5

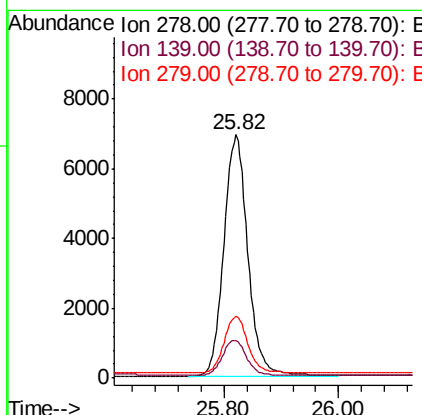
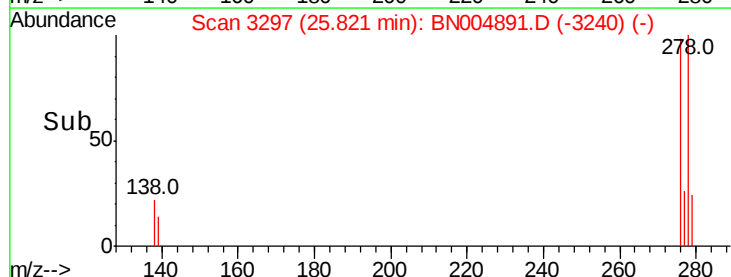
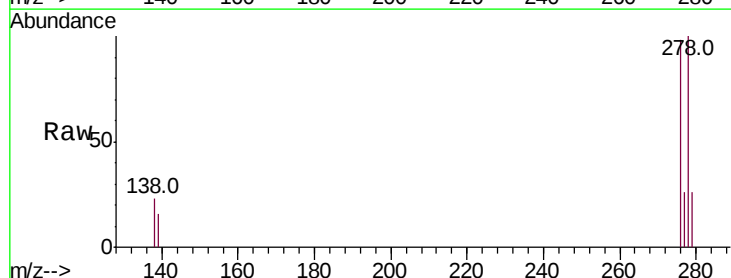
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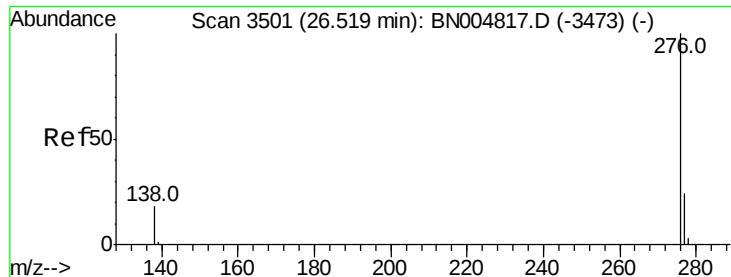
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#38
Dibenzo(a,h)anthracene
Concen: 0.268 ng
RT: 25.82 min Scan# 3297
Delta R.T. -0.00 min
Lab File: BN004891.D
Acq: 22 Mar 2019 19:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	11.7	17.5
279	25.5	19.9	29.9





#39

Benzo(a,h,i)perylene

Concen: 0.267 ng

RT: 26.51 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BN004891.D

Acq: 22 Mar 2019 19:37

Instrument :

BNA_N

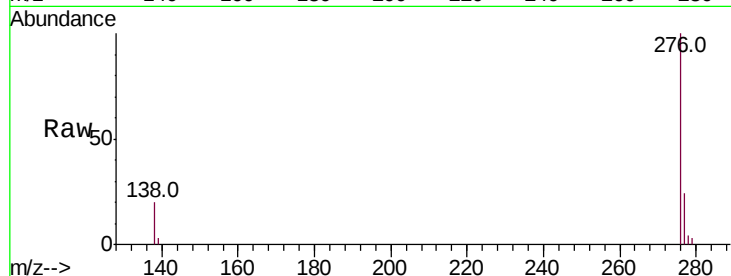
ClientSampleId :

PB118153BS

Tot Ion:	276	Resp:	20493
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.7	29.5
138	19.9	14.6	22.0

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

