

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004859.D
 Acq On : 21 Mar 2019 20:34
 Operator : JU/SJ
 Sample : PB118153BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118153BS

Manual Integrations
 APPROVED

Sohil
 3/22/2019 7:16:23 PM

Quant Time: Mar 22 02:39:49 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	7.70	152	1859	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	7945	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	4928	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	13642	0.40	ng	0.00
27) Chrysene-d12	21.29	240	17500	0.40	ng	0.00
34) Perylene-d12	23.54	264	18671	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	1099	0.22	ng	0.00
5) Phenol-d6	6.89	99	1302	0.21	ng	0.00
8) Nitrobenzene-d5	8.87	82	944	0.18	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	3025m	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	562	0.17	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	4381	0.22	ng	0.00
25) Fluoranthene-d10	19.13	212	8935	0.20	ng	0.00
29) Terphenyl-d14	19.73	244	7642	0.21	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.23	88	346	0.164	ng	# 54
3) n-Nitrosodimethylamine	3.58	42	209	0.167	ng	# 93
6) bis(2-Chloroethyl)ether	7.14	93	1126	0.198	ng	99
9) Naphthalene	10.53	128	4737	0.213	ng	98
10) Hexachlorobutadiene	10.80	225	881	0.207	ng	# 97
12) 2-Methylnaphthalene	12.15	142	3473	0.210	ng	98
16) Acenaphthylene	14.06	152	4830	0.190	ng	99
17) Acenaphthene	14.40	154	3446	0.207	ng	99
18) Fluorene	15.39	166	4859	0.209	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	1709	0.192	ng	96
21) Hexachlorobenzene	16.39	284	2022	0.198	ng	98
22) Pentachlorophenol	16.78	266	202m	0.101	ng	
23) Phenanthrene	17.13	178	8842	0.201	ng	99
24) Anthracene	17.23	178	7471	0.190	ng	99
26) Fluoranthene	19.16	202	10807	0.191	ng	100
28) Pyrene	19.53	202	11136	0.209	ng	99
30) Benzo(a)anthracene	21.28	228	11062	0.193	ng	99
31) Chrysene	21.33	228	12678	0.210	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	3436	0.150	ng	98
33) Indeno(1,2,3-cd)pyrene	25.82	276	16218	0.185	ng	100
35) Benzo(b)fluoranthene	22.87	252	13576	0.201	ng	97
36) Benzo(k)fluoranthene	22.91	252	14298	0.215	ng	99
37) Benzo(a)pyrene	23.45	252	12934	0.209	ng	97
38) Dibenzo(a,h)anthracene	25.83	278	13489	0.188	ng	99
39) Benzo(g,h,i)perylene	26.52	276	13979	0.191	ng	99

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

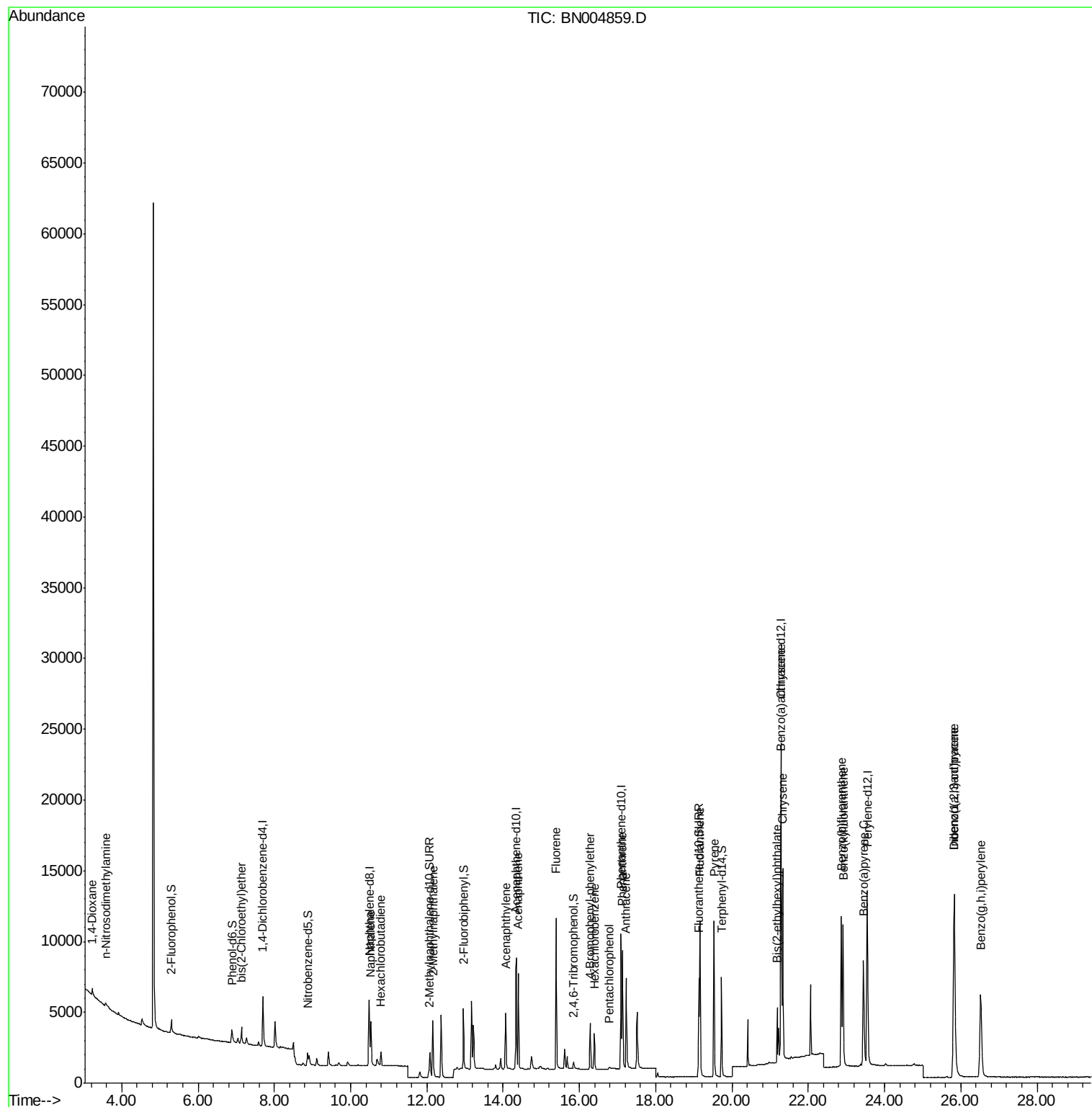
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
Data File : BN004859.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

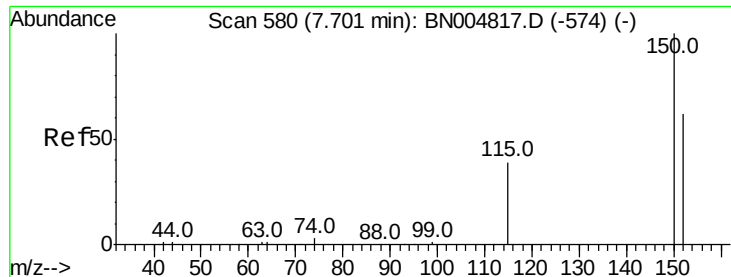
Instrument :
BNA_N
ClientSampleId :
PB118153BS

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#1

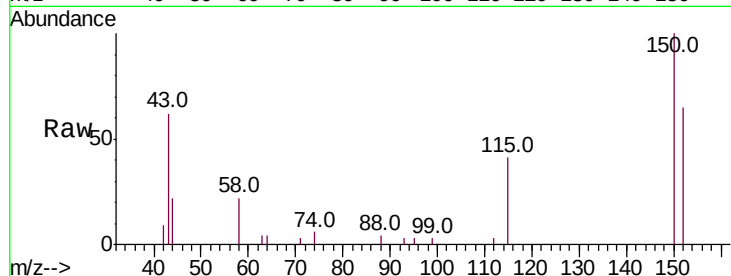
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004859.D
Acq: 21 Mar 2019 20:34

Instrument :
BNA_N
ClientSampleId :
PB118153BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.2	189.4
115	62.3	52.6	79.0

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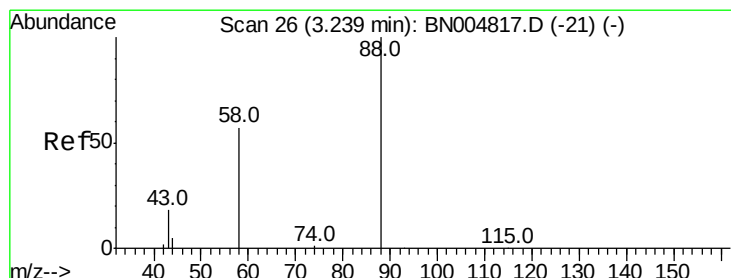
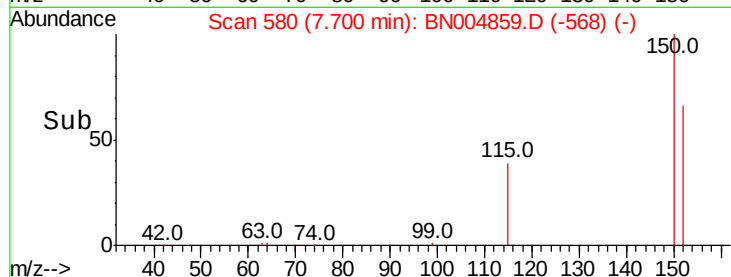
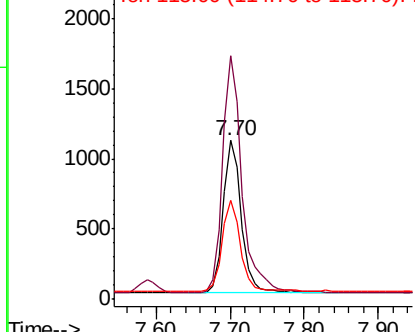


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

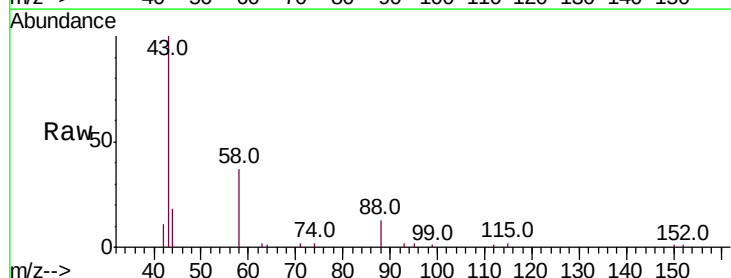
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.164 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN004859.D
Acq: 21 Mar 2019 20:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.1	51.4	77.2#
43	0.0	20.0	30.0#

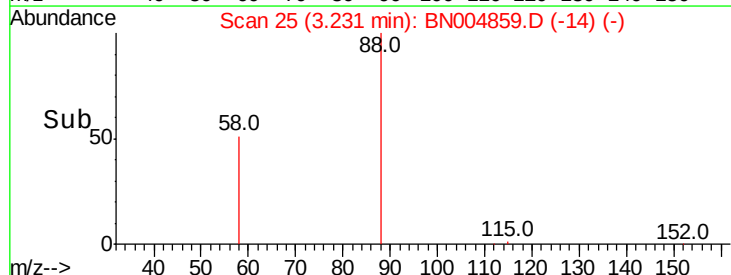
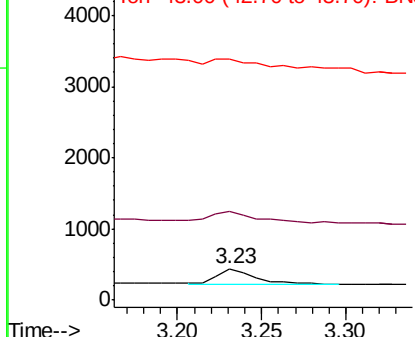


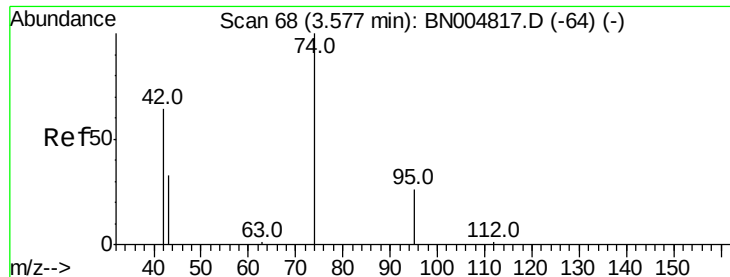
Abundance

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: 0.167 ng

RT: 3.58 min Scan# 68

Delta R.T. -0.00 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Instrument :

BNA_N

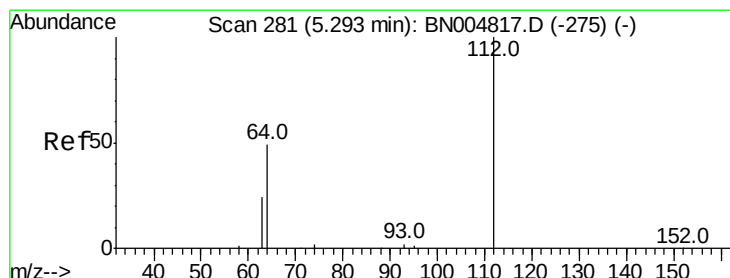
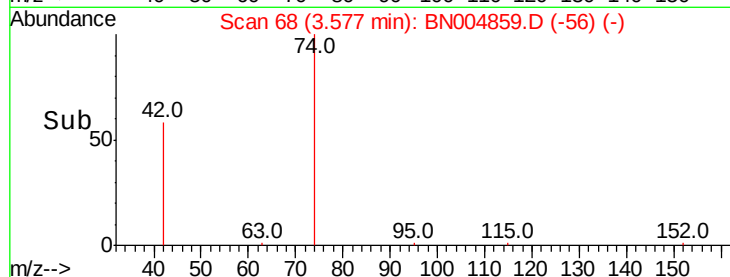
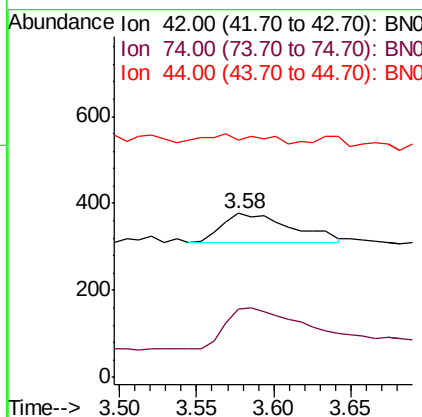
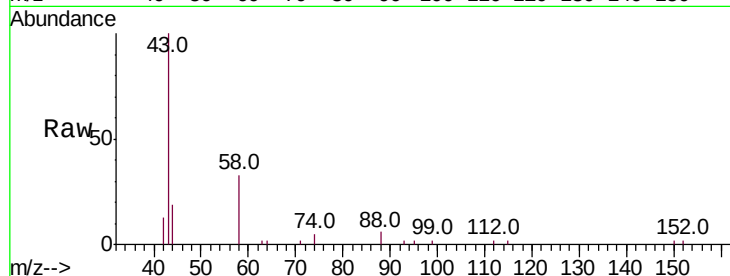
ClientSampleId :

PB118153BS

Tot Ion:	42	Resp:	209
Ion	Ratio	Lower	Upper
42	100		
74	167.0	128.4	192.6
44	24.4	6.1	9.1#

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#4

2-Fluorophenol

Concen: 0.218 ng

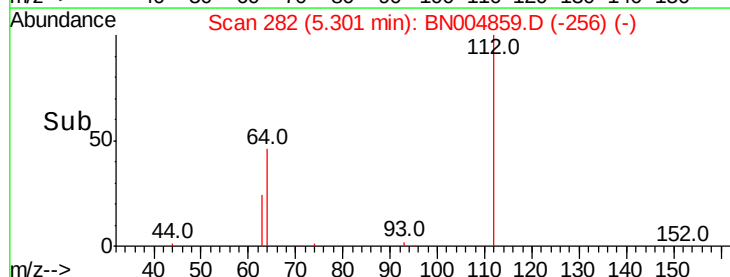
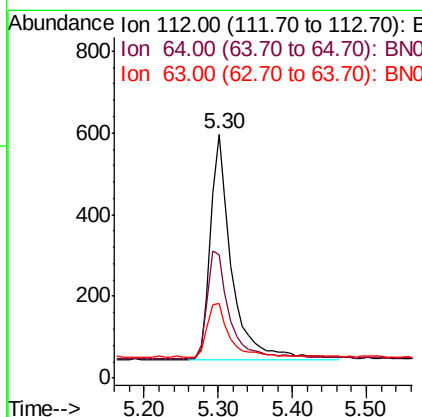
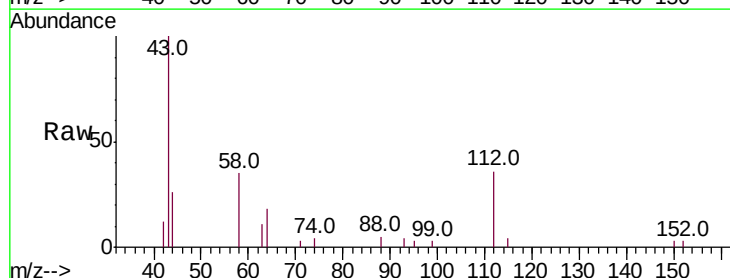
RT: 5.30 min Scan# 282

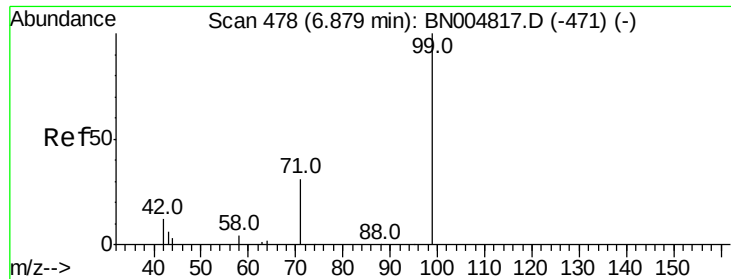
Delta R.T. 0.01 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Tgt Ion:	112	Resp:	1099
Ion	Ratio	Lower	Upper
112	100		
64	51.4	40.0	60.0
63	25.5	20.2	30.2





#5

Phenol-d6

Concen: 0.207 ng

RT: 6.89 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Instrument :

BNA_N

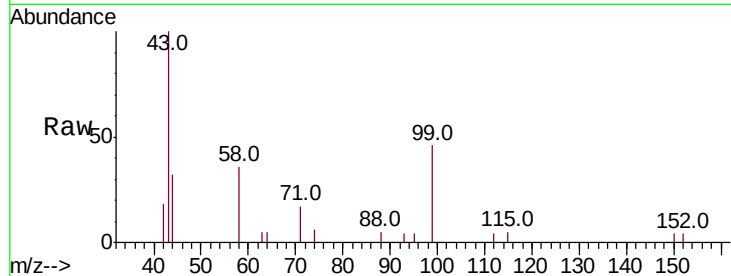
ClientSampleId :

PB118153BS

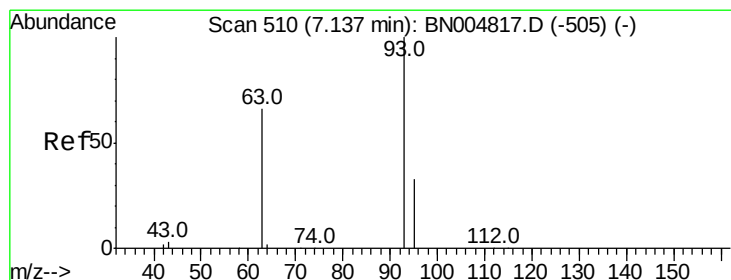
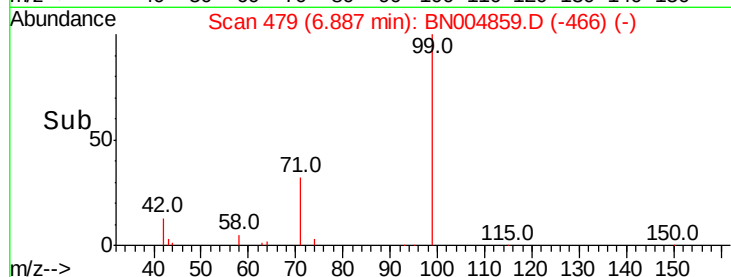
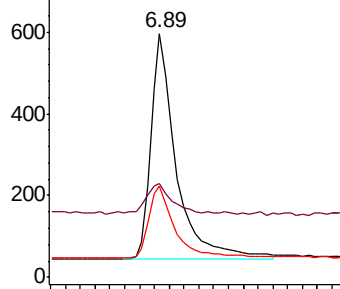
Tot Ion:	99	Resp:	1302
Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.7	19.1
71	33.5	26.6	40.0

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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: 0.198 ng

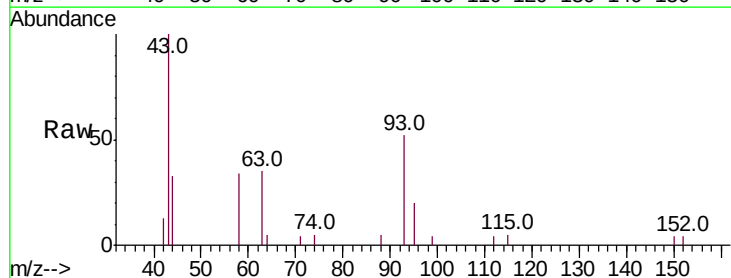
RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

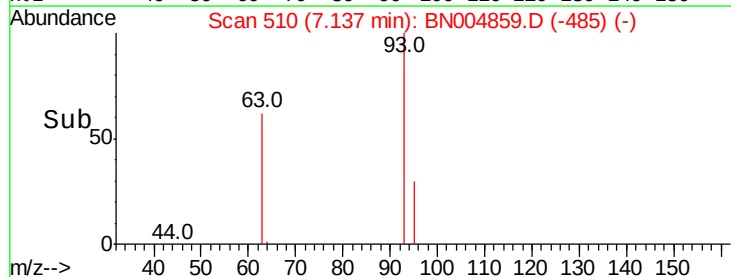
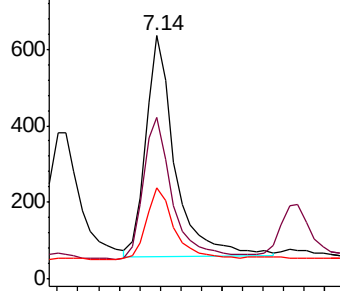
Lab File: BN004859.D

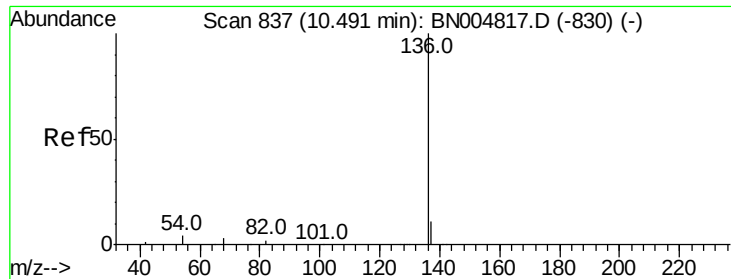
Acq: 21 Mar 2019 20:34

Tgt Ion:	93	Resp:	1126
Ion	Ratio	Lower	Upper
93	100		
63	64.9	52.6	78.8
95	31.9	25.9	38.9



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: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Instrument :

BNA_N

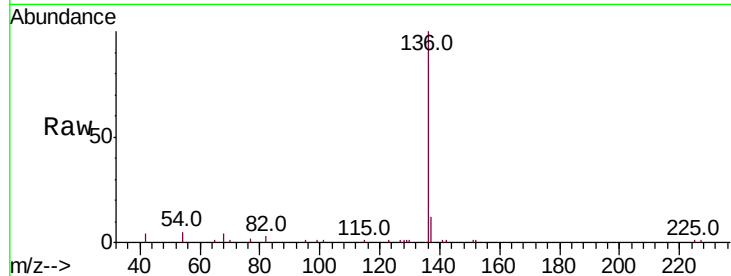
ClientSampleId :

PB118153BS

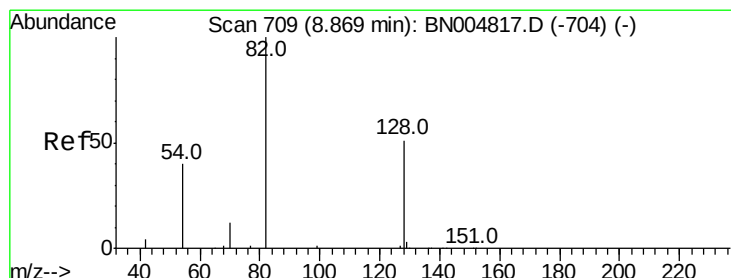
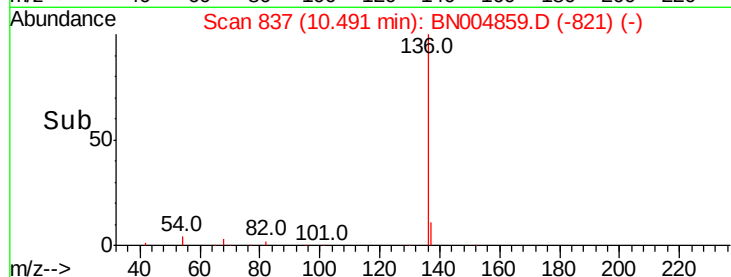
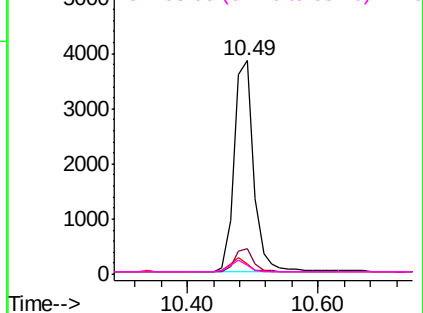
Tot Ion:	136	Resp:	7945
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.6	14.4
54	4.8	4.2	6.2
68	4.3	3.9	5.9

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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: 0.180 ng

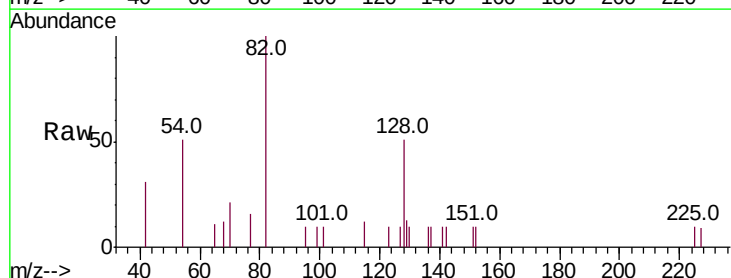
RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

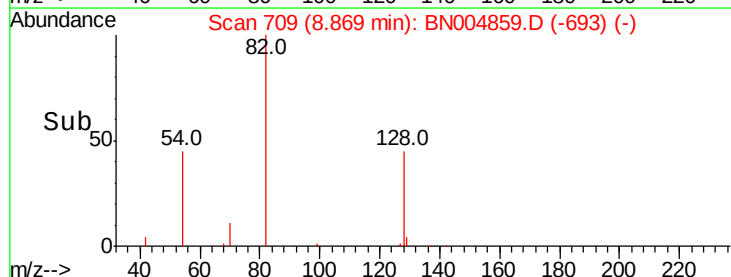
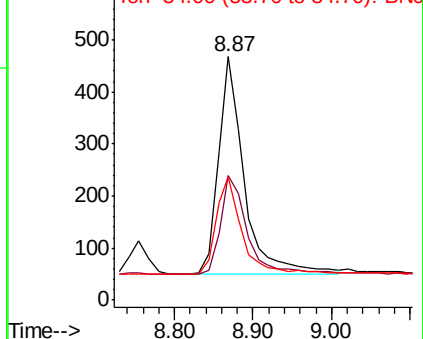
Lab File: BN004859.D

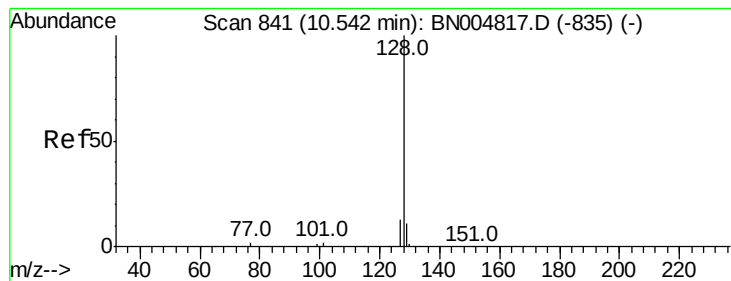
Acq: 21 Mar 2019 20:34

Tgt Ion:	82	Resp:	944
Ion Ratio	Lower	Upper	
82	100		
128	51.3	43.0	64.6
54	50.6	35.3	52.9



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: 0.213 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Instrument :

BNA_N

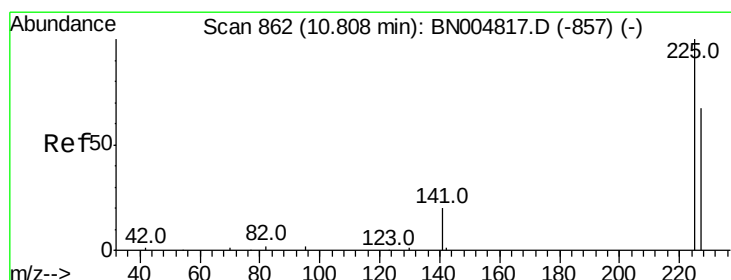
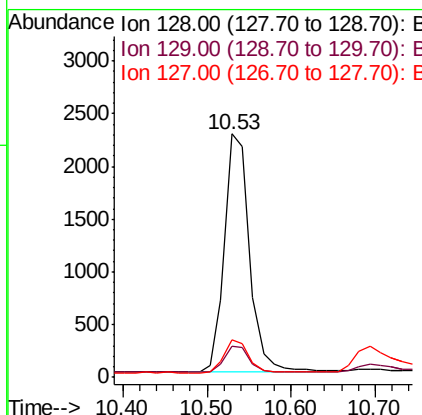
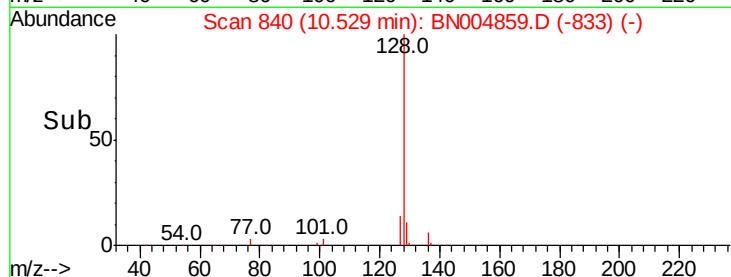
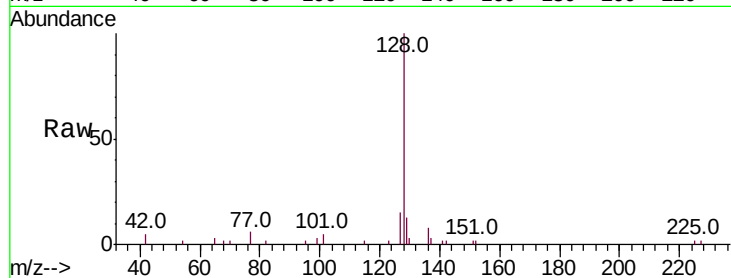
ClientSampleId :

PB118153BS

Tot Ion:128	Resp:	4737
Ion Ratio	Lower	Upper
128 100		
129 12.9	9.9	14.9
127 15.2	11.3	16.9

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#10

Hexachlorobutadiene

Concen: 0.207 ng

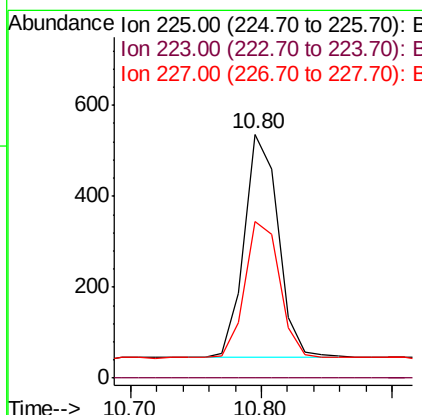
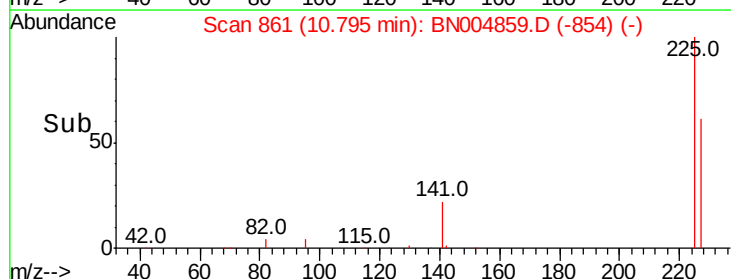
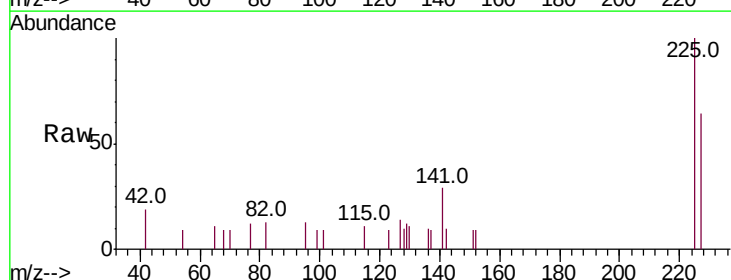
RT: 10.80 min Scan# 861

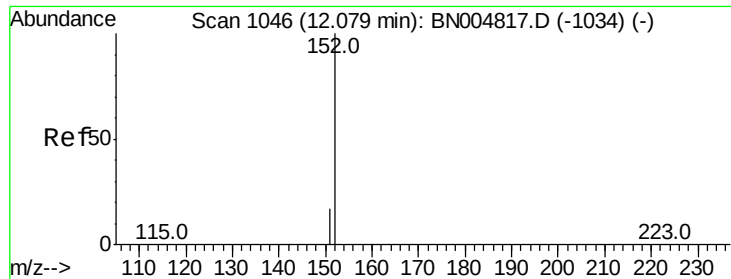
Delta R.T. -0.01 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Tgt Ion:225	Resp:	881
Ion Ratio	Lower	Upper
225 100		
223 0.0	0.0	0.0
227 62.5	52.2	78.4





#11

2-Methylnaphthalene-d10

Concen: 0.218 ng

RT: 12.08 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Instrument :

BNA_N

ClientSampleId :

PB118153BS

Tot Ion:152 Resp: 3025

Ion Ratio Lower Upper

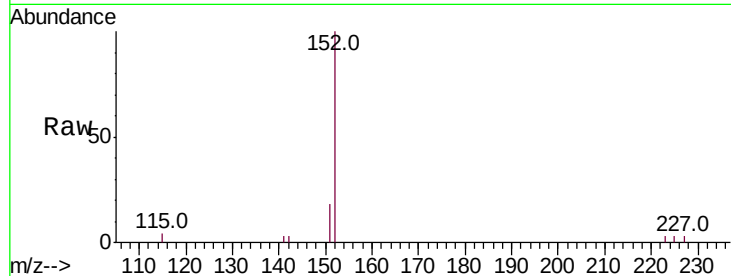
152 100

151 18.2 15.5 23.3

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.08

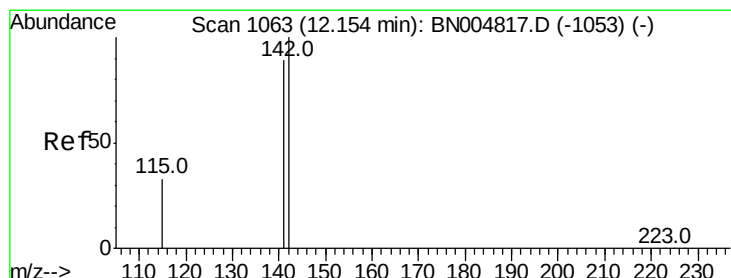
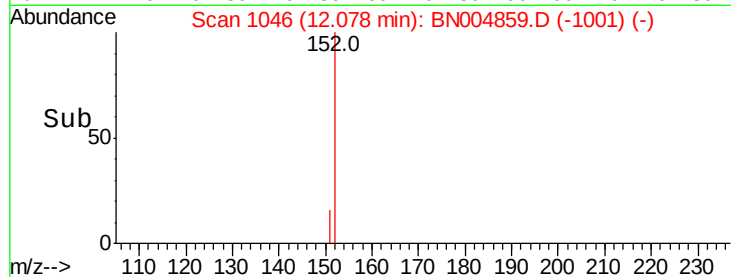
1500

1000

500

0

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.210 ng

RT: 12.15 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

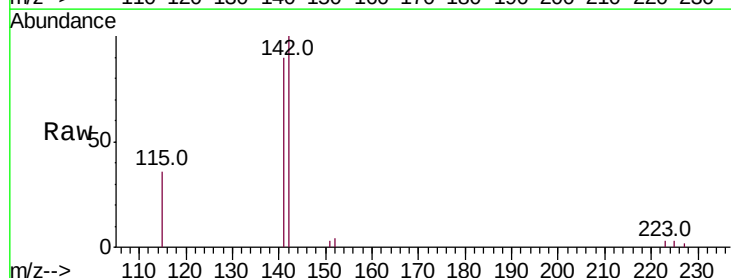
Tgt Ion:142 Resp: 3473

Ion Ratio Lower Upper

142 100

141 90.2 71.4 107.2

115 36.1 27.5 41.3



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

2500

2000

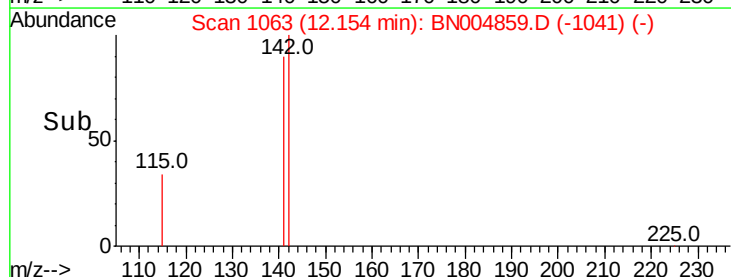
1500

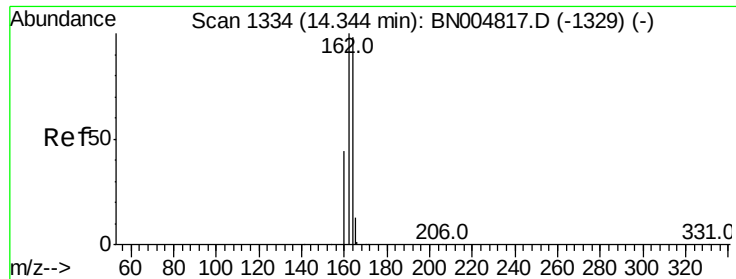
1000

500

0

Time--> 12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Instrument :

BNA_N

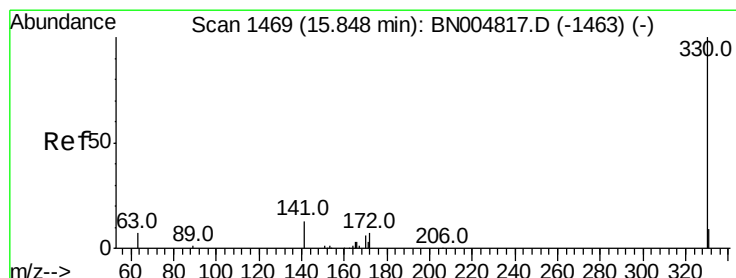
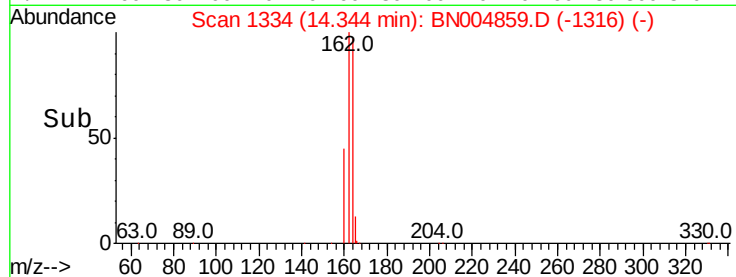
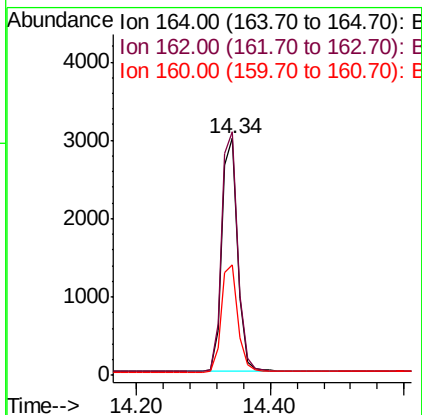
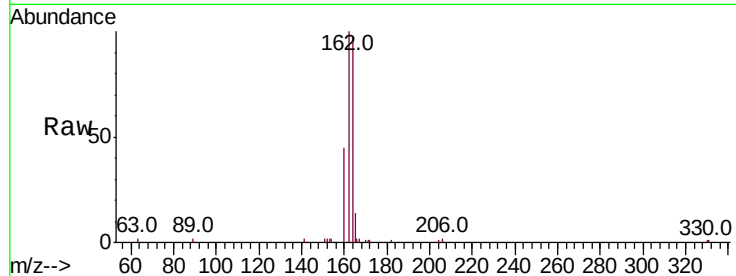
ClientSampleId :

PB118153BS

Tot Ion:	164	Resp:	4928
Ion Ratio	Lower	Upper	
164	100		
162	102.8	81.9	122.9
160	46.5	36.6	54.8

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#14

2,4,6-Tribromophenol

Concen: 0.165 ng

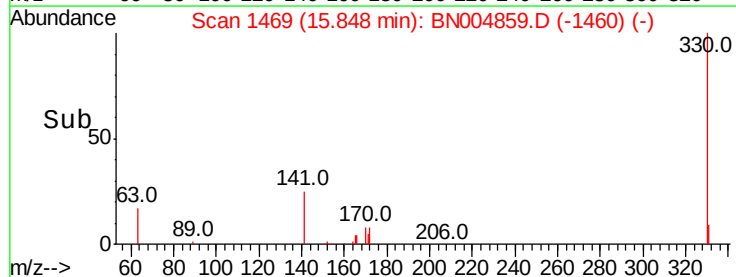
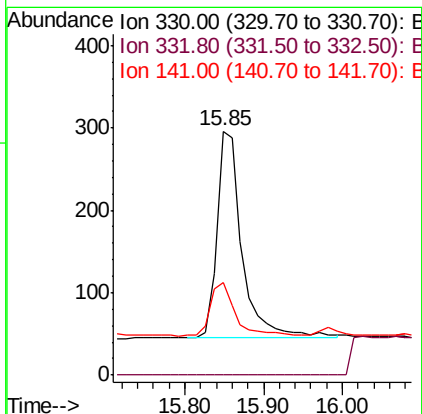
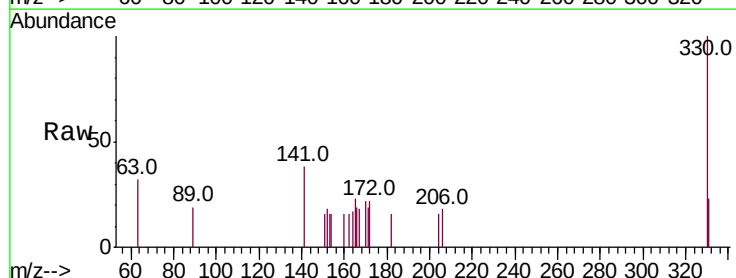
RT: 15.85 min Scan# 1469

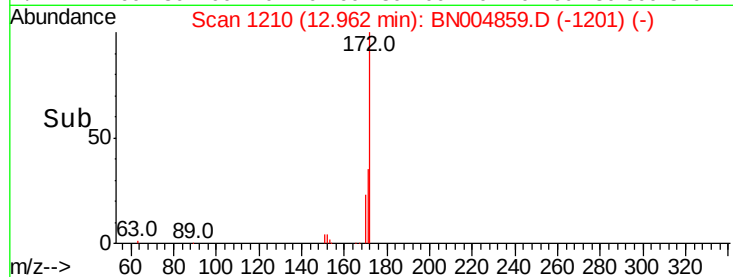
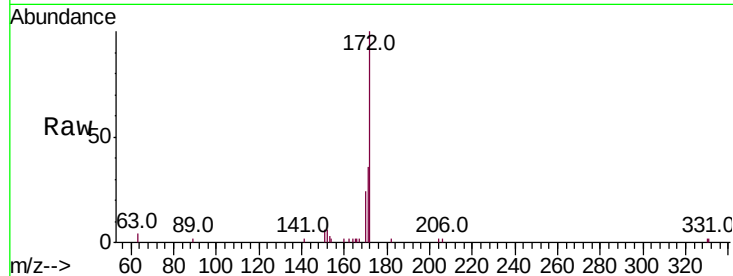
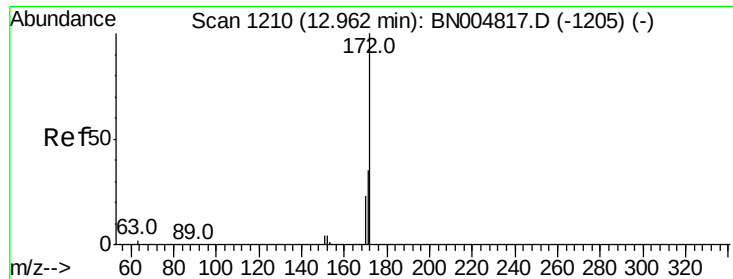
Delta R.T. -0.00 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Tgt Ion:	330	Resp:	562
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	26.0	20.9	31.3





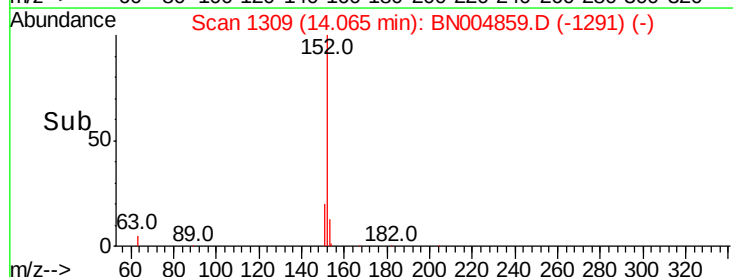
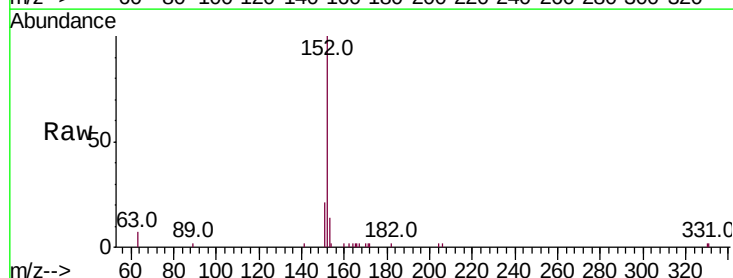
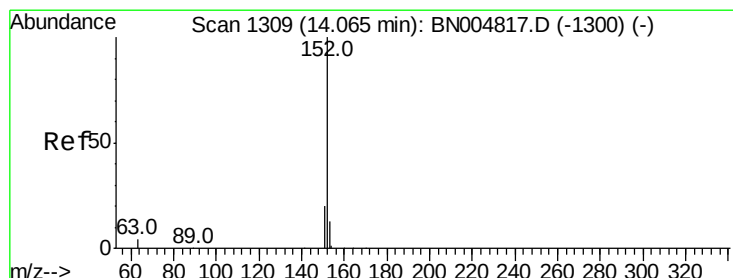
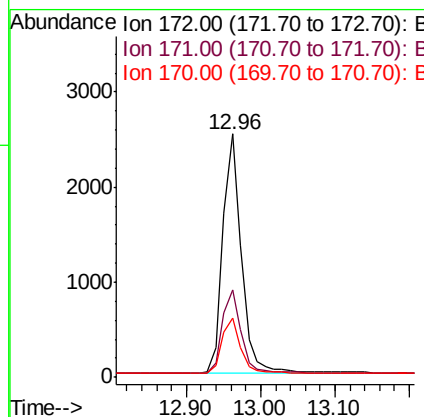
#15
2-Fluorobiphenyl
Concen: 0.215 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004859.D
Acq: 21 Mar 2019 20:34

Instrument :
BNA_N
ClientSampleId :
PB118153BS

Tot Ion:	172	Resp:	4381
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.7	43.1
170	24.1	18.7	28.1

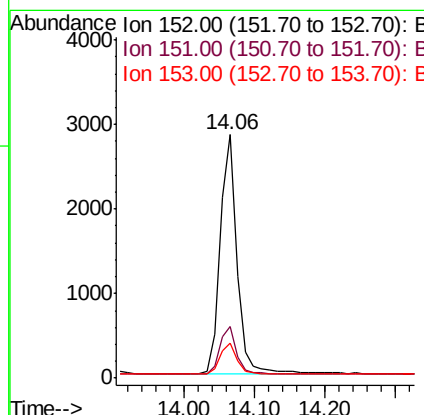
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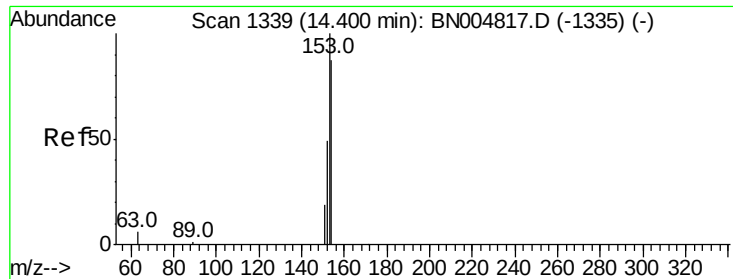
Sohil
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#16
Acenaphthylene
Concen: 0.190 ng
RT: 14.06 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004859.D
Acq: 21 Mar 2019 20:34

Tgt Ion:	152	Resp:	4830
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.1	24.1
153	13.1	10.5	15.7





#17

Acenaphthene

Concen: 0.207 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Instrument :

BNA_N

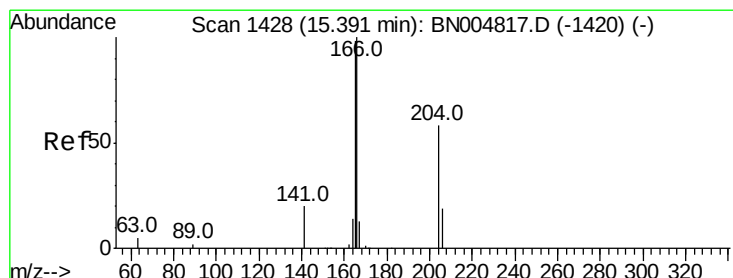
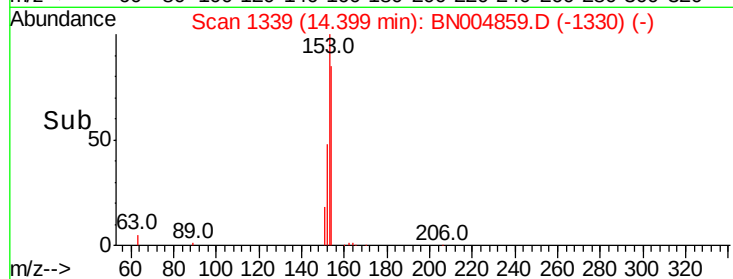
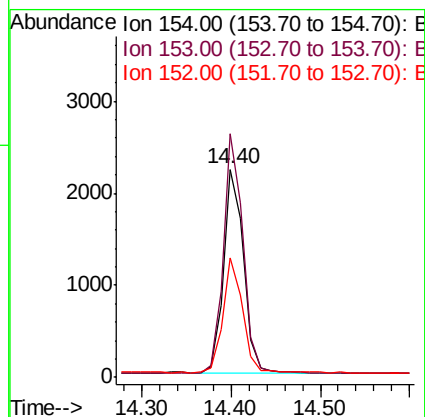
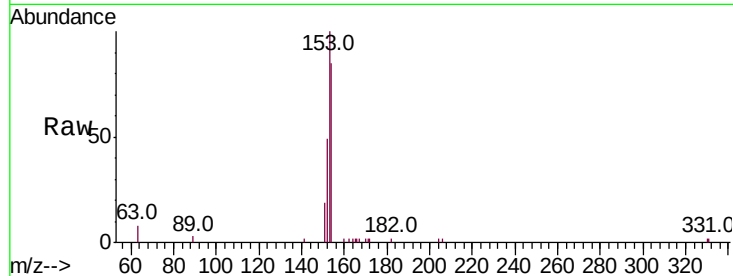
ClientSampleId :

PB118153BS

Tot Ion:	154	Resp:	3446
Ion	Ratio	Lower	Upper
154	100		
153	115.7	91.4	137.2
152	55.3	44.2	66.2

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#18

Fluorene

Concen: 0.209 ng

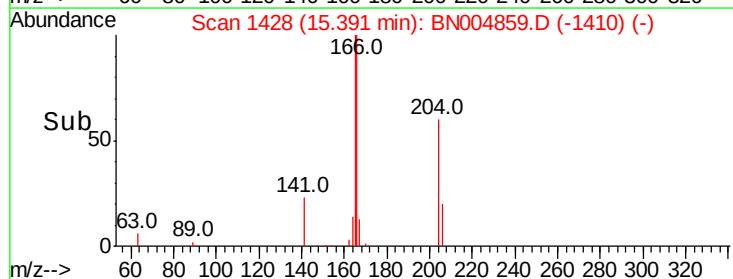
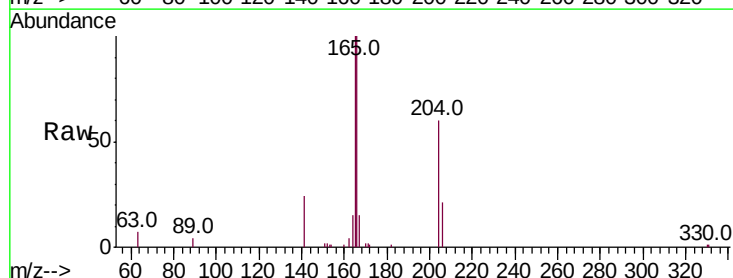
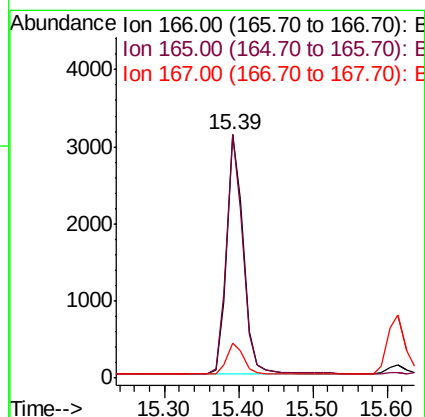
RT: 15.39 min Scan# 1428

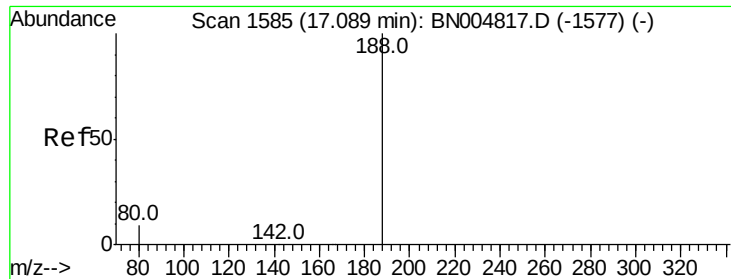
Delta R.T. -0.00 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Tgt Ion:	166	Resp:	4859
Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.2	117.4
167	13.4	11.0	16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Instrument :

BNA_N

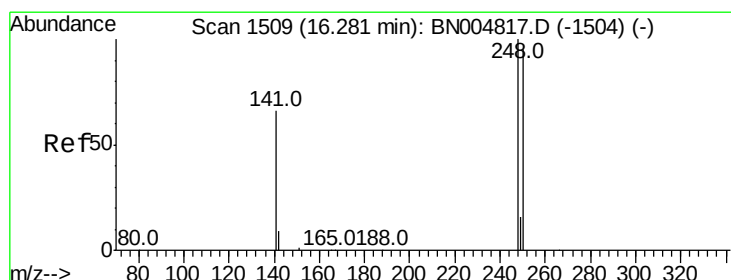
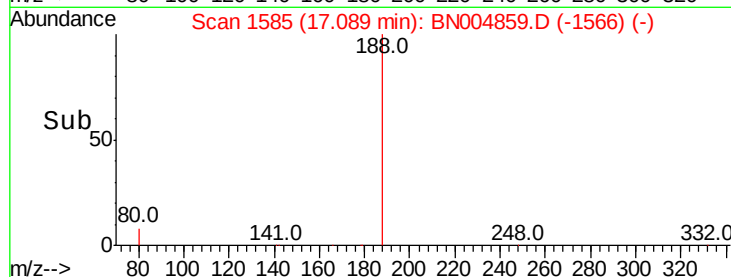
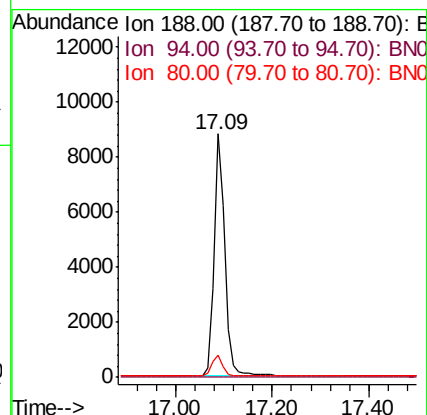
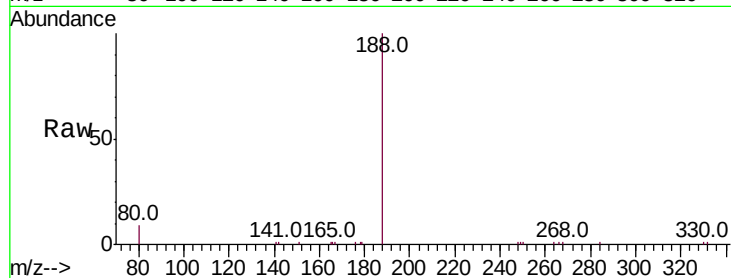
ClientSampleId :

PB118153BS

Tot Ion:	188	Resp:	13642
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.8	7.4	11.2

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#20

4-Bromophenyl-phenylether

Concen: 0.192 ng

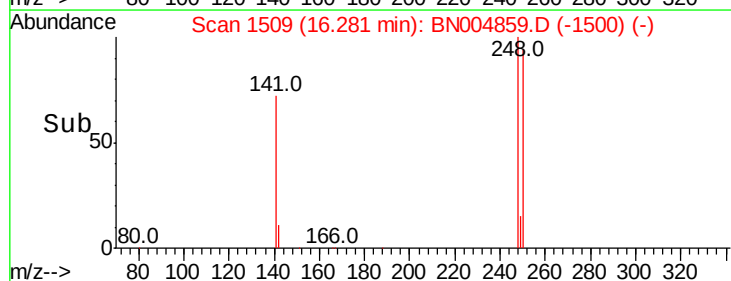
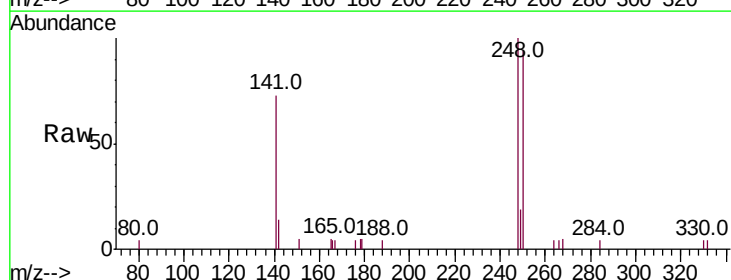
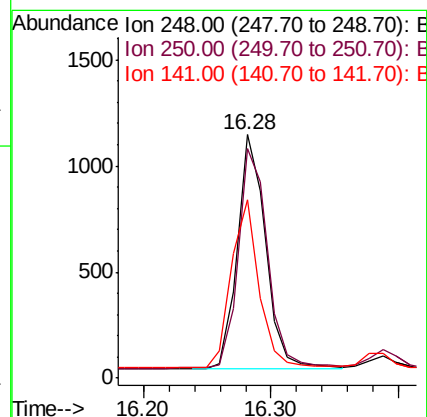
RT: 16.28 min Scan# 1509

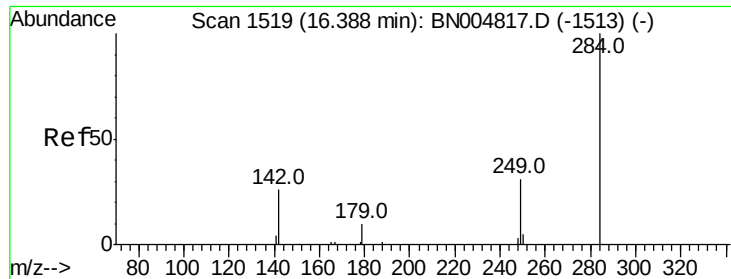
Delta R.T. -0.00 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Tgt Ion:	248	Resp:	1709
Ion Ratio	Lower	Upper	
248	100		
250	94.4	76.2	114.4
141	73.3	53.9	80.9





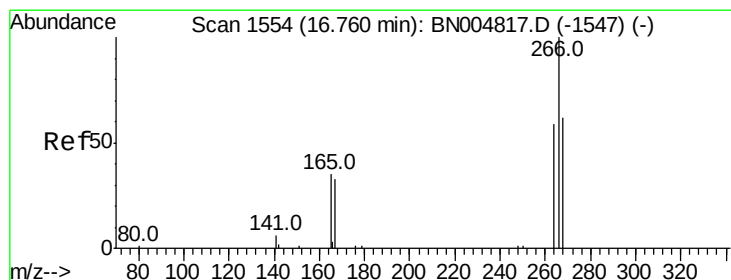
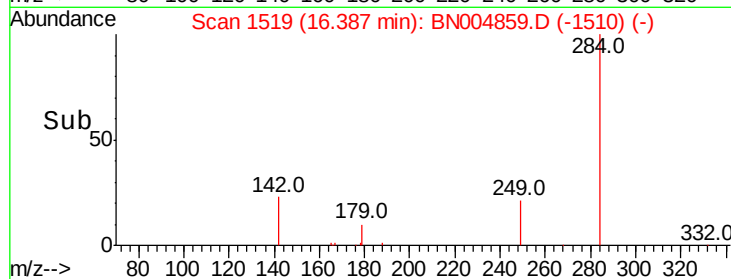
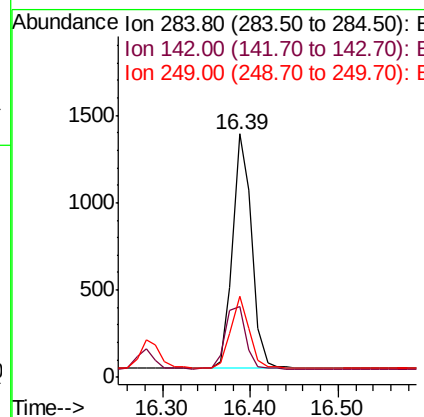
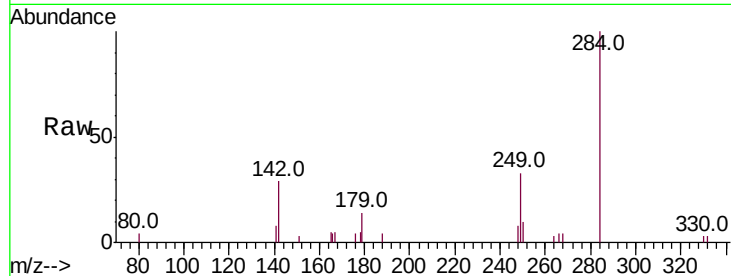
#21
Hexachlorobenzene
Concen: 0.198 ng
RT: 16.39 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BN004859.D
Acq: 21 Mar 2019 20:34

Instrument :
BNA_N
ClientSampleId :
PB118153BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.5	22.6	34.0
249	28.8	22.5	33.7

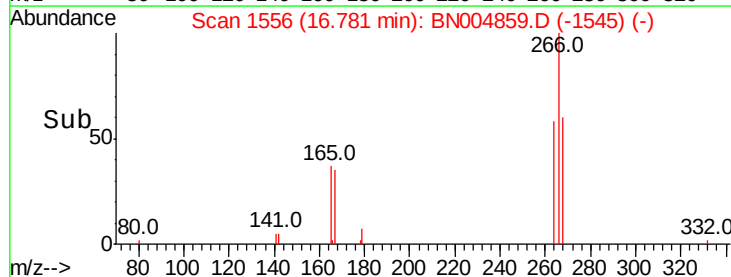
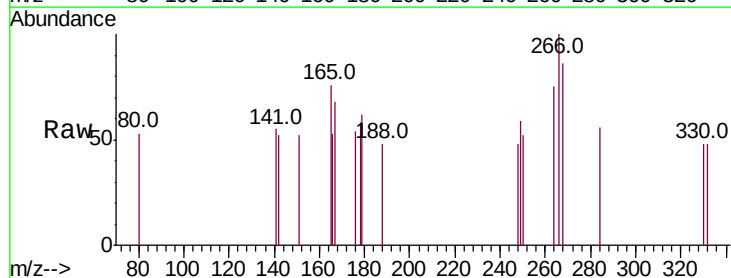
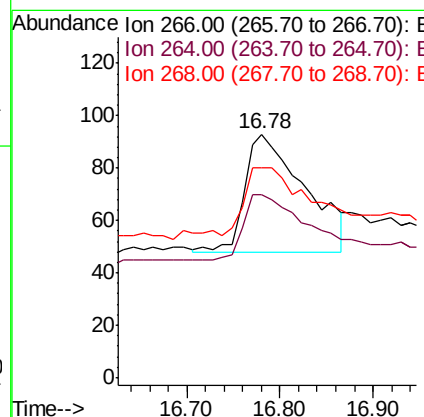
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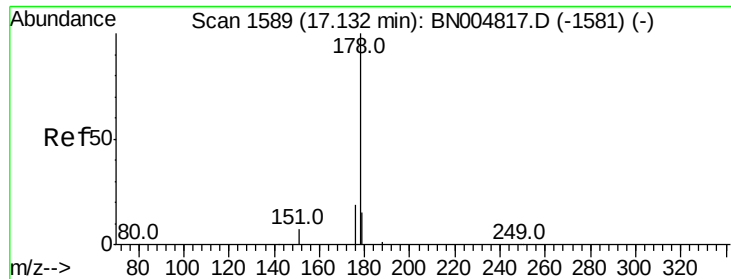
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#22
Pentachlorophenol
Concen: 0.101 ng m
RT: 16.78 min Scan# 1556
Delta R.T. 0.02 min
Lab File: BN004859.D
Acq: 21 Mar 2019 20:34

Tgt Ion	Ratio	Lower	Upper
266	100		
264	75.3	53.1	79.7
268	86.0	57.7	86.5





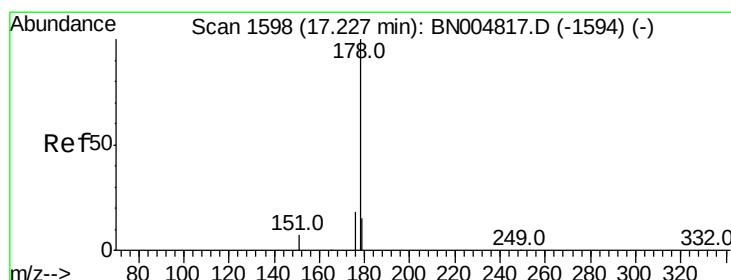
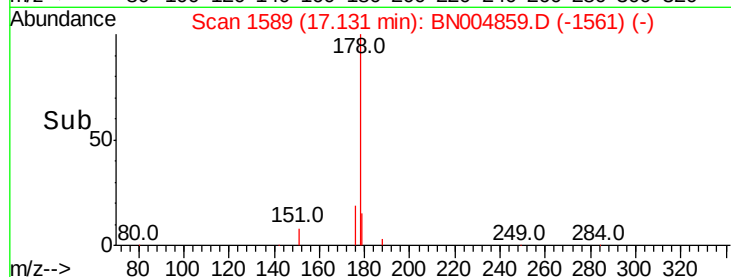
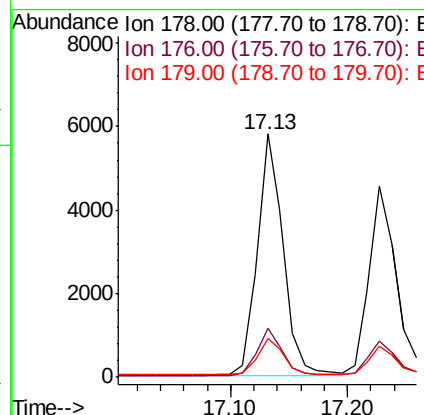
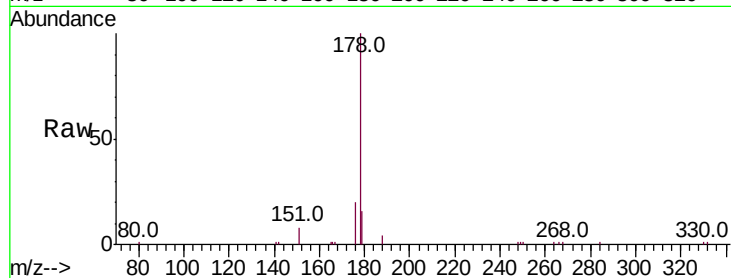
#23
Phenanthrene
Concen: 0.201 ng
RT: 17.13 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BN004859.D
Acq: 21 Mar 2019 20:34

Instrument :
BNA_N
ClientSampleId :
PB118153BS

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

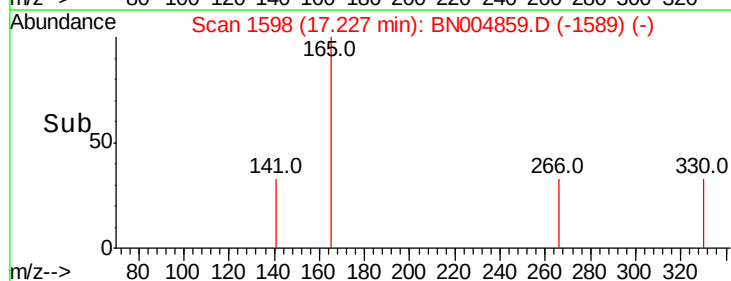
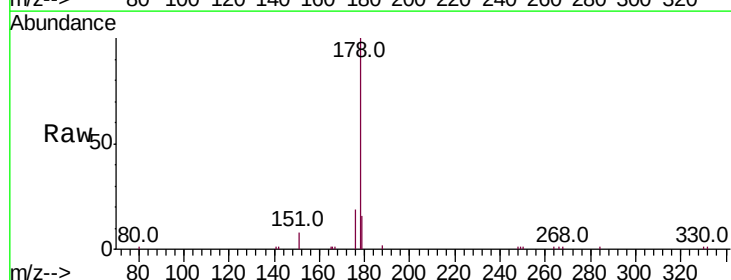
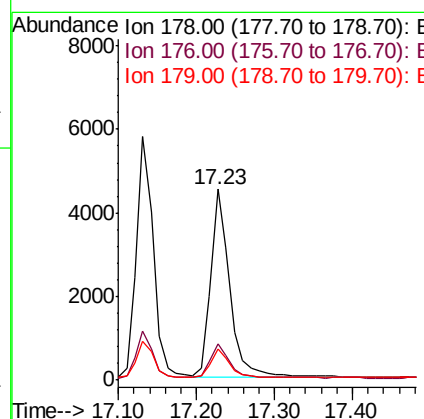
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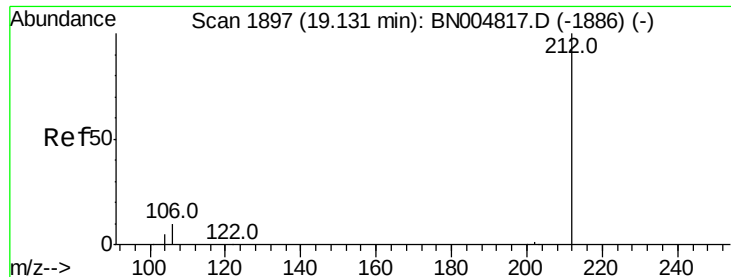
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#24
Anthracene
Concen: 0.190 ng
RT: 17.23 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BN004859.D
Acq: 21 Mar 2019 20:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.5	21.7
179	15.3	12.2	18.4





#25

Fluoranthene-d10

Concen: 0.196 ng

RT: 19.13 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Instrument :

BNA_N

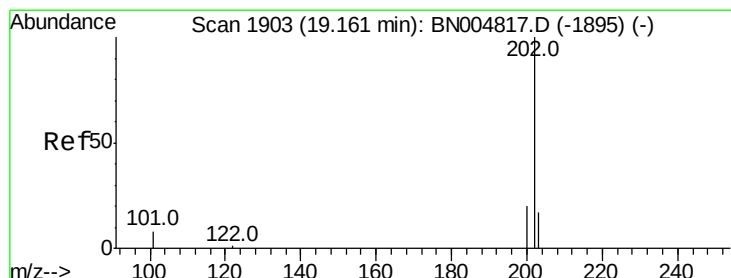
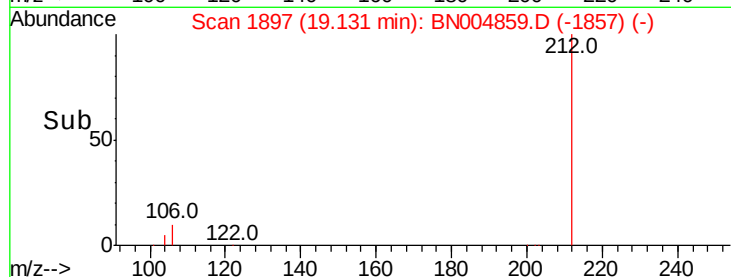
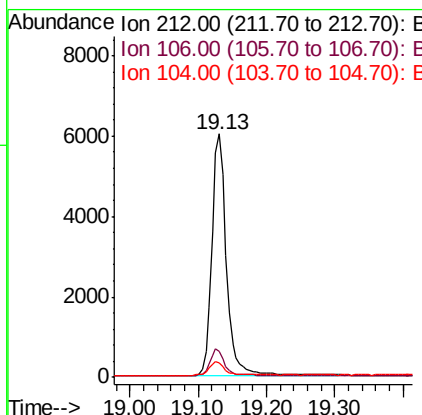
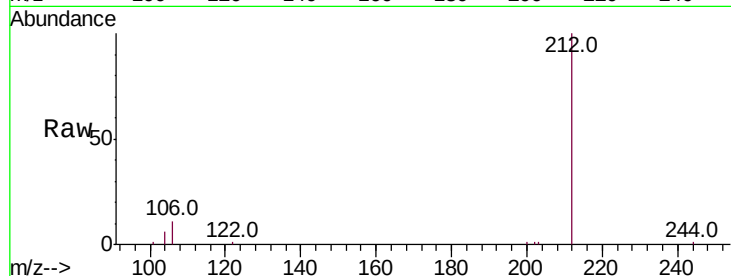
ClientSampleId :

PB118153BS

Tot Ion:	212	Resp:	8935
Ion Ratio	Lower	Upper	
212	100		
106	10.7	8.6	13.0
104	5.8	4.7	7.1

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#26

Fluoranthene

Concen: 0.191 ng

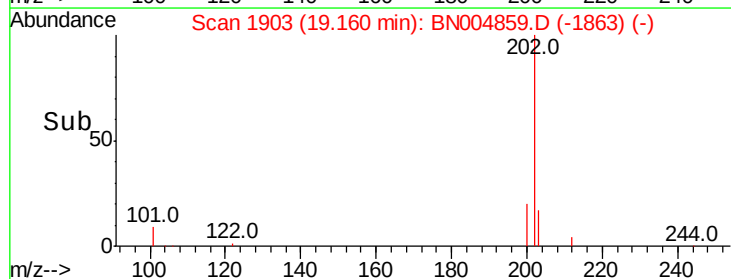
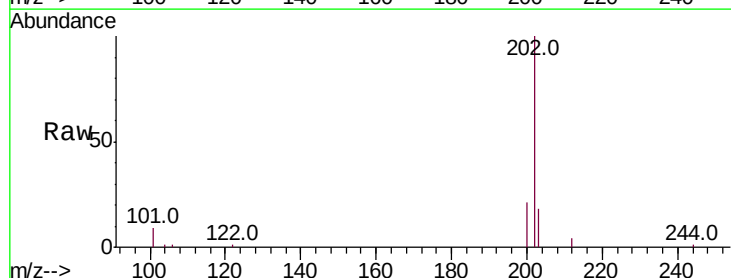
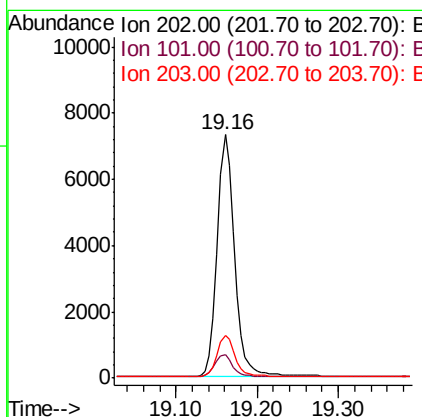
RT: 19.16 min Scan# 1903

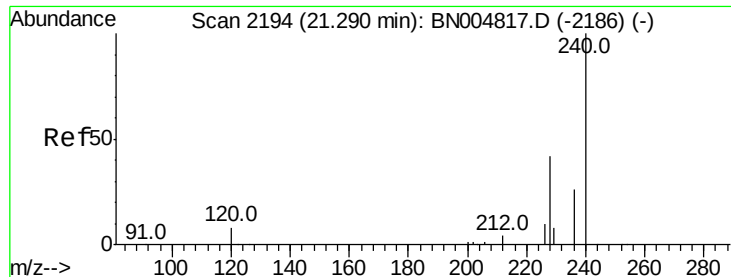
Delta R.T. -0.00 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Tgt Ion:	202	Resp:	10807
Ion Ratio	Lower	Upper	
202	100		
101	9.4	7.5	11.3
203	17.1	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Instrument :

BNA_N

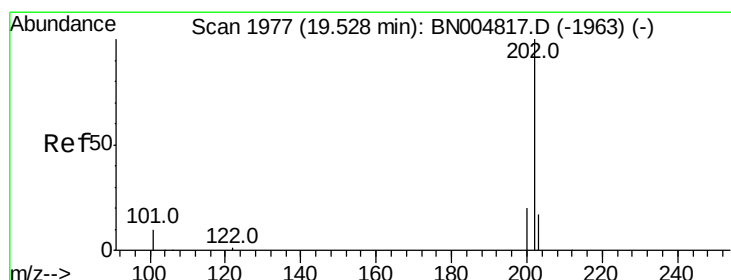
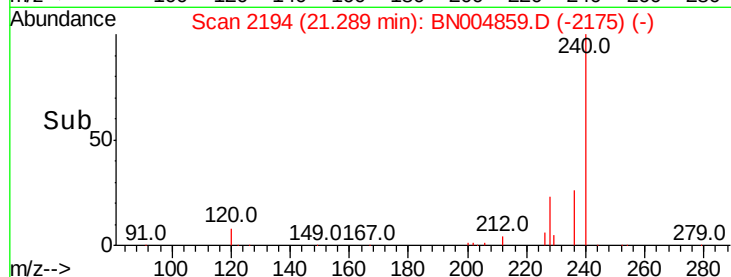
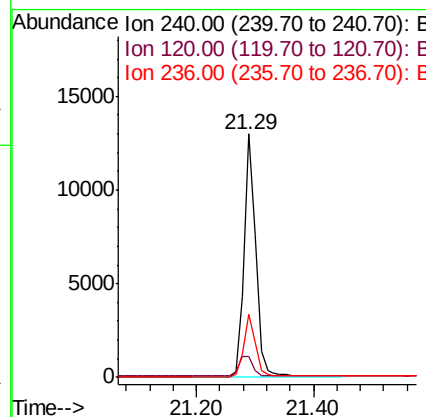
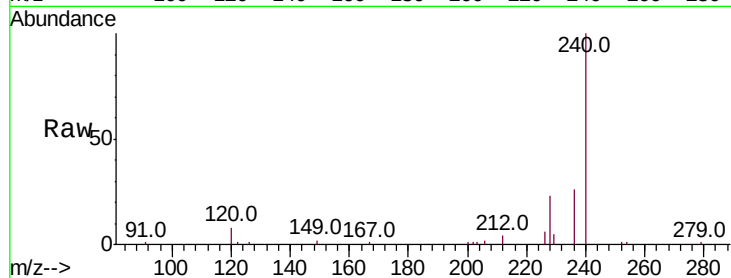
ClientSampleId :

PB118153BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.2	10.8
236	26.0	20.9	31.3

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#28

Pyrene

Concen: 0.209 ng

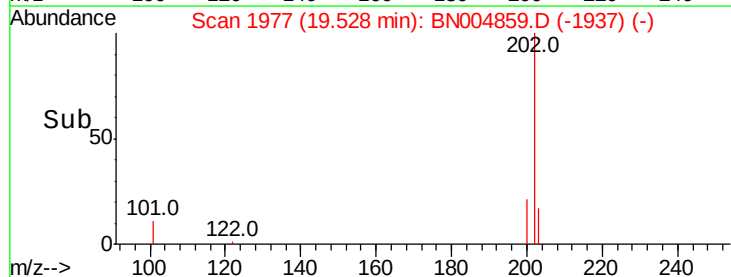
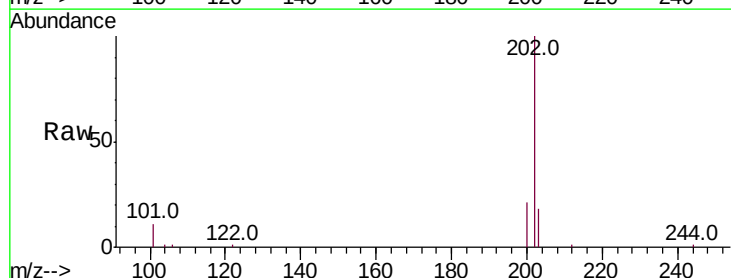
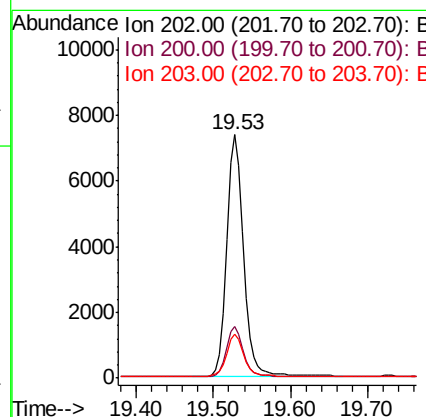
RT: 19.53 min Scan# 1977

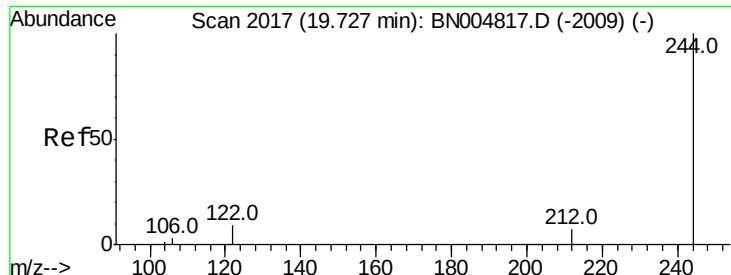
Delta R.T. -0.00 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.8	14.0	21.0





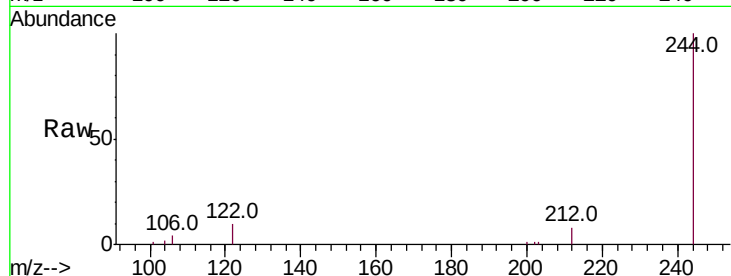
#29
 Terphenyl-d14
 Concen: 0.213 ng
 RT: 19.73 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BN004859.D
 Acq: 21 Mar 2019 20:34

Instrument :
 BNA_N
 ClientSampleId :
 PB118153BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	10.3	7.9	11.9

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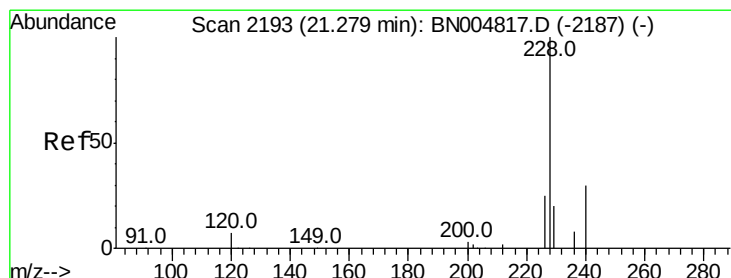
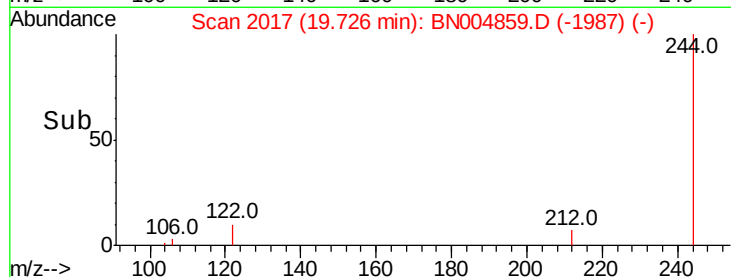
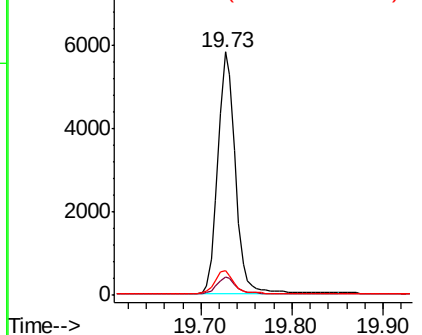


Abundance

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: 0.193 ng
 RT: 21.28 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: BN004859.D
 Acq: 21 Mar 2019 20:34

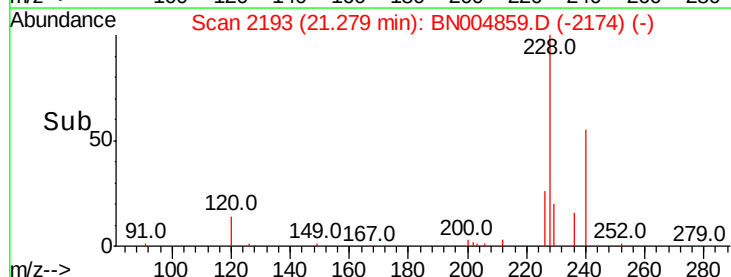
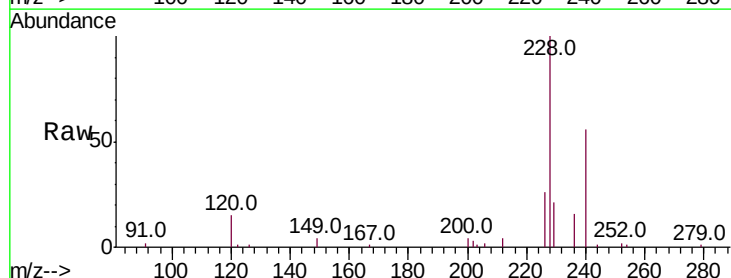
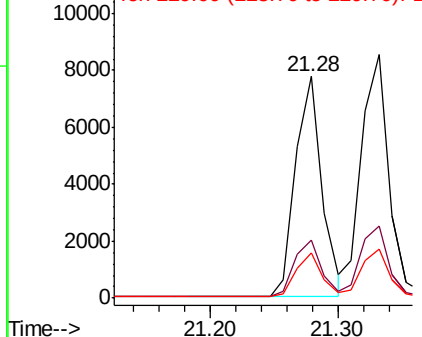
Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	20.6	31.0
229	20.5	16.2	24.4

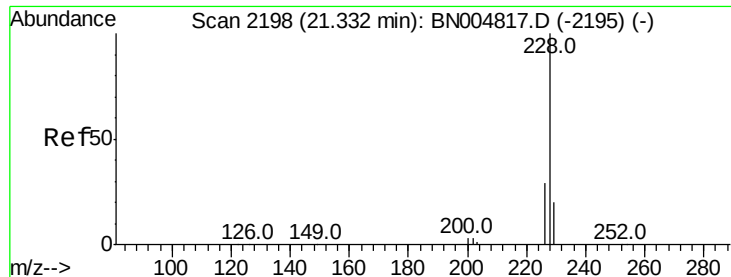
Abundance

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: 0.210 ng

RT: 21.33 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Instrument :

BNA_N

ClientSampled :

PB118153BS

Tot Ion:228 Resp: 12678

Ion Ratio Lower Upper

228 100

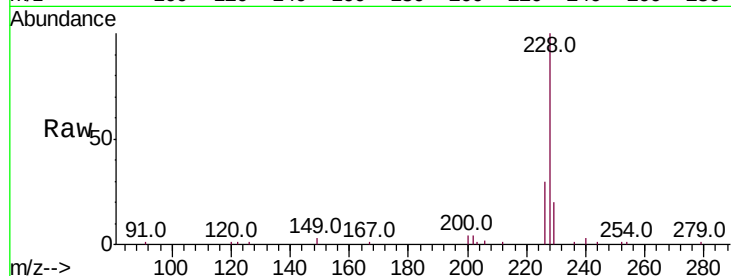
226 29.6 23.0 34.6

229 20.4 16.2 24.2

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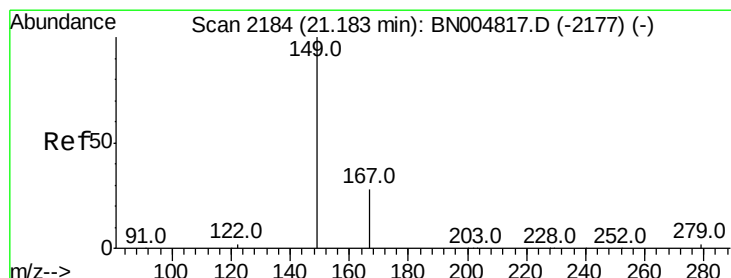
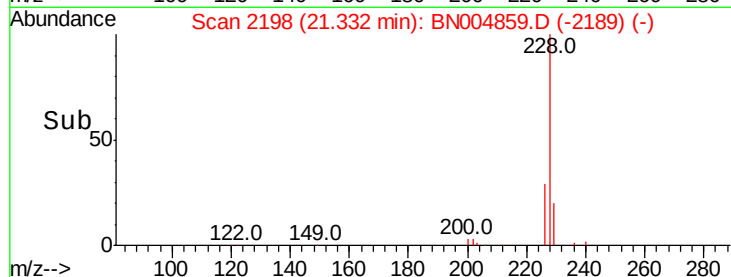
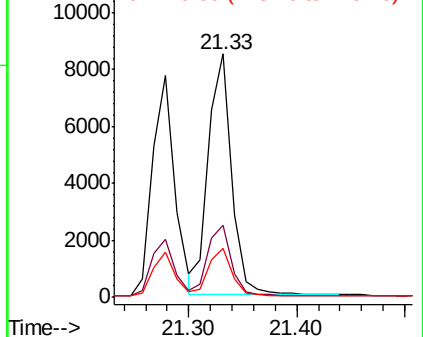
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.150 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

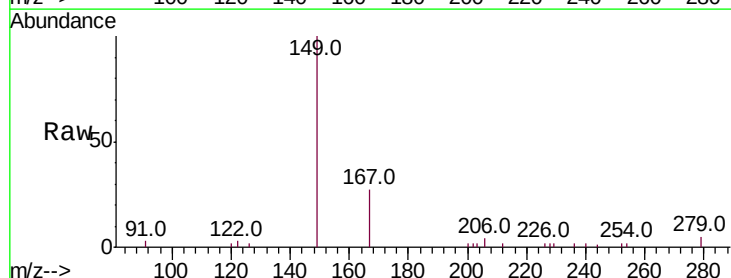
Tgt Ion:149 Resp: 3436

Ion Ratio Lower Upper

149 100

167 27.4 23.0 34.4

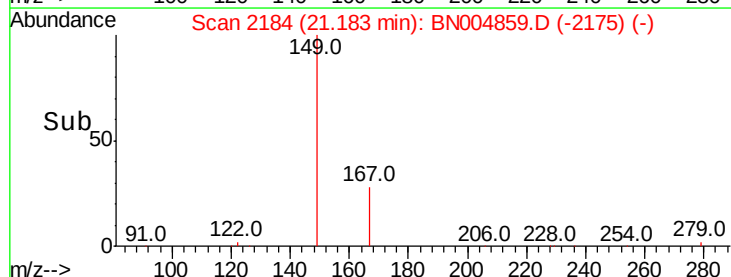
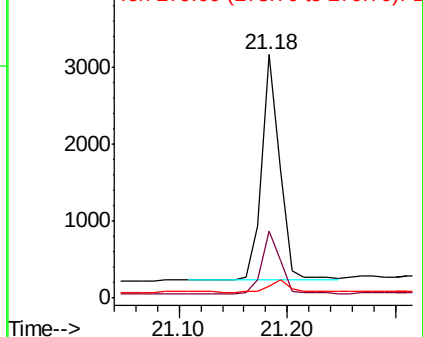
279 5.5 4.6 6.8

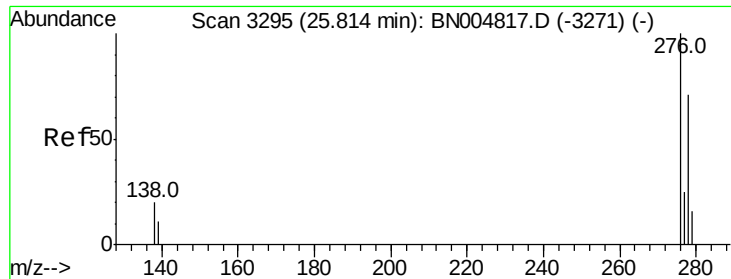


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.185 ng

RT: 25.82 min Scan# 3297

Delta R.T. 0.01 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Instrument :

BNA_N

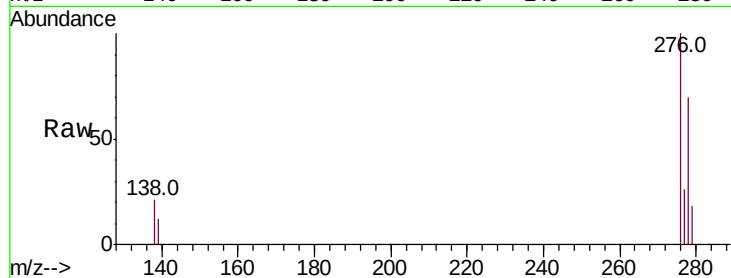
ClientSampleId :

PB118153BS

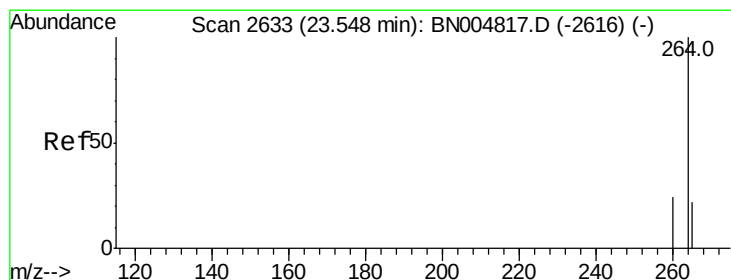
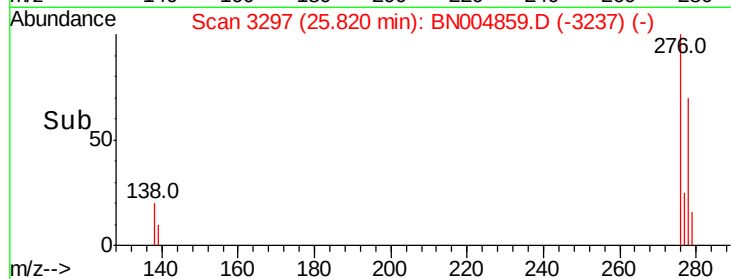
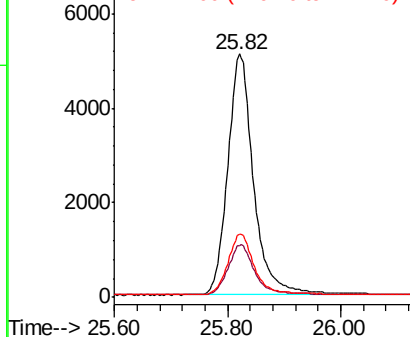
Tot Ion:	276	Resp:	16218
Ion Ratio	Lower	Upper	
276	100		
138	20.9	16.6	24.8
277	25.5	20.3	30.5

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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: 23.54 min Scan# 2632

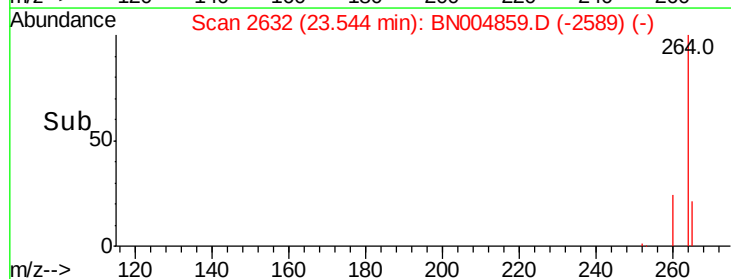
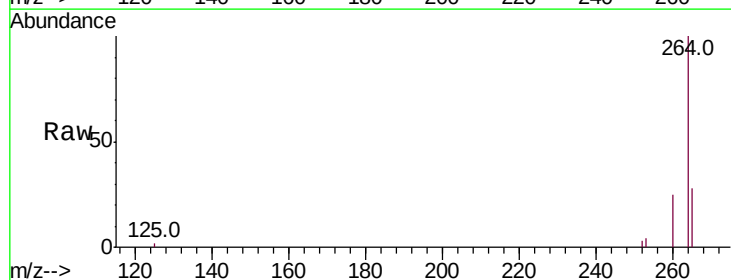
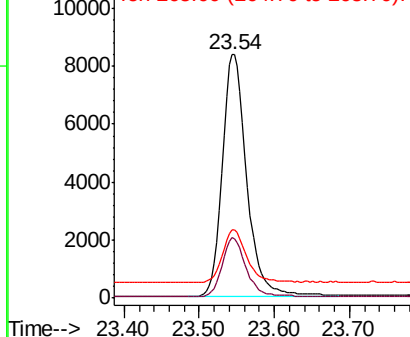
Delta R.T. -0.00 min

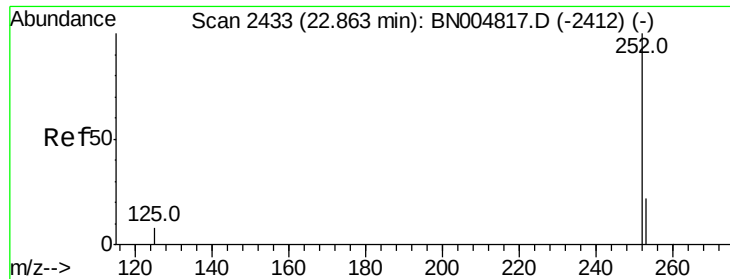
Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Tgt Ion:	264	Resp:	18671
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.5	29.3
265	27.8	23.1	34.7

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: 0.201 ng

RT: 22.87 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Instrument :

BNA_N

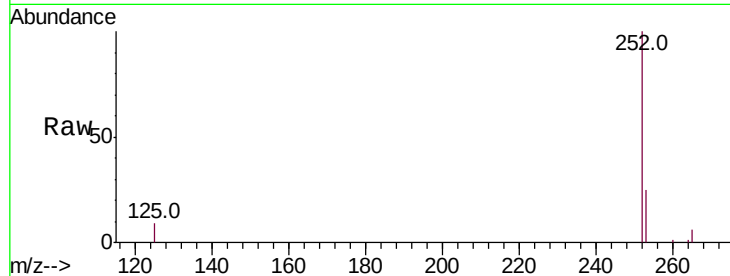
ClientSampleId :

PB118153BS

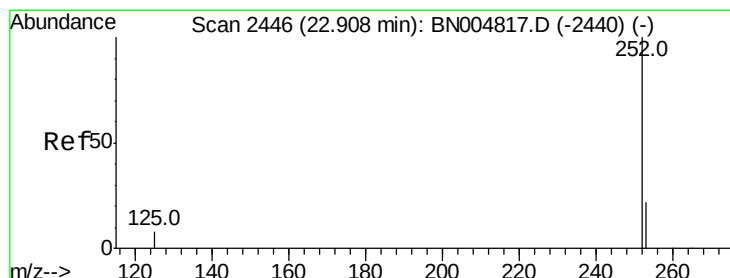
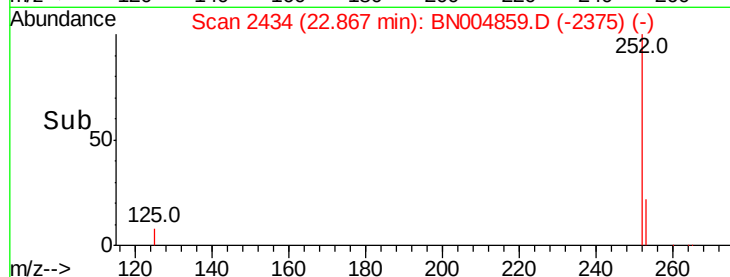
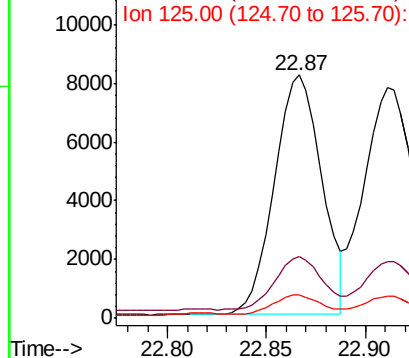
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.0	28.4
125	9.5	7.4	11.2

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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: 0.215 ng

RT: 22.91 min Scan# 2447

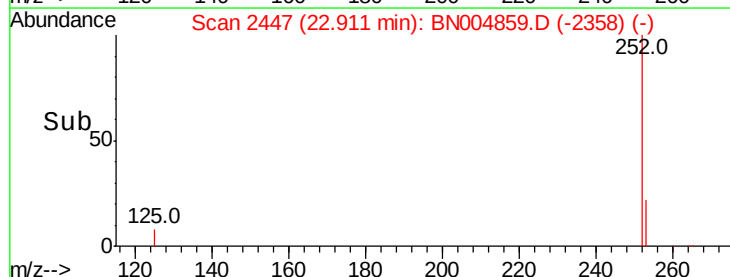
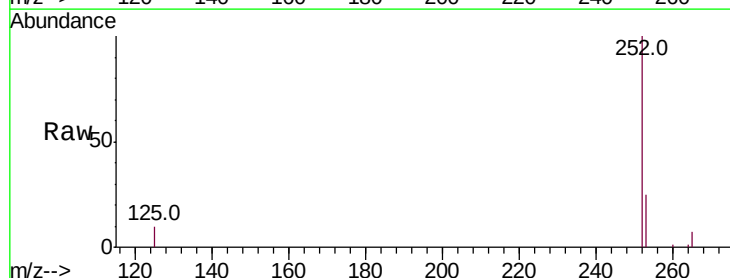
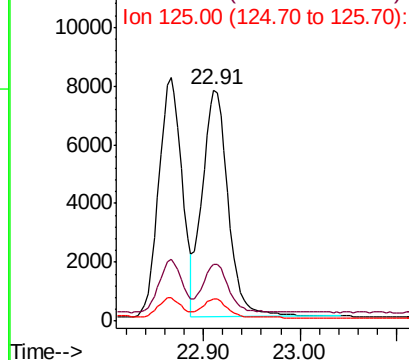
Delta R.T. 0.00 min

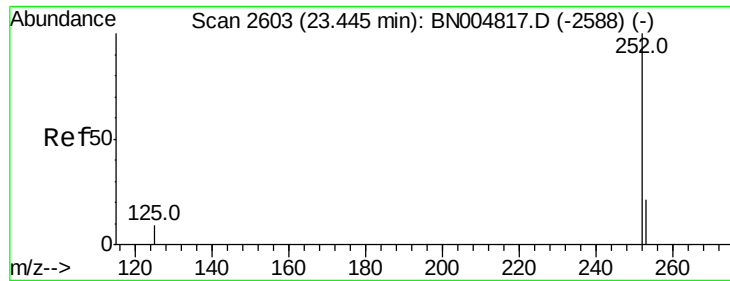
Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.3	28.9
125	9.7	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: 0.209 ng

RT: 23.45 min Scan# 2604

Delta R.T. 0.00 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Instrument :

BNA_N

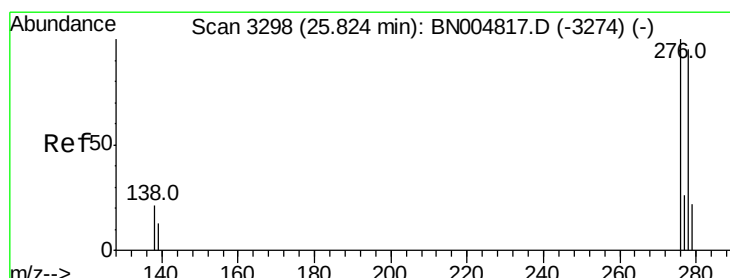
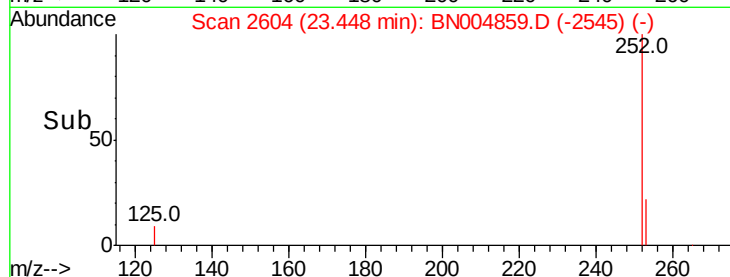
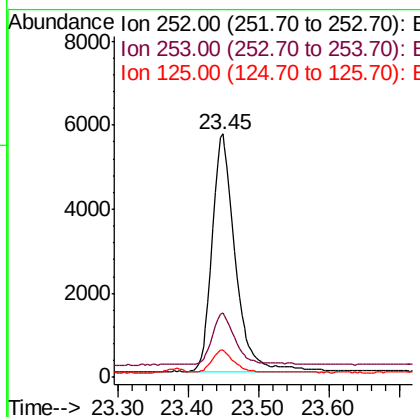
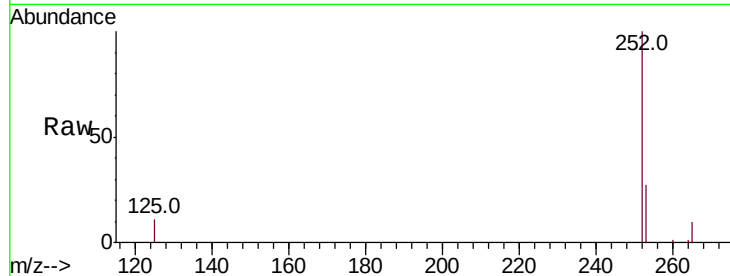
ClientSampleId :

PB118153BS

Tot Ion:	252	Resp:	12934
Ion Ratio	Lower	Upper	
252	100		
253	26.6	19.7	29.5
125	11.1	8.3	12.5

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#38

Dibenzo(a,h)anthracene

Concen: 0.188 ng

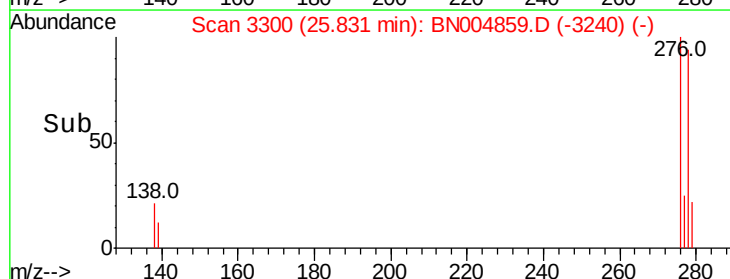
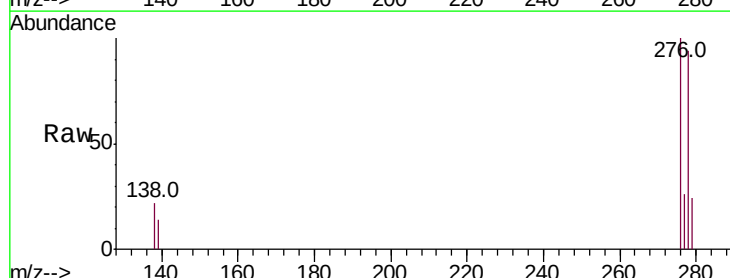
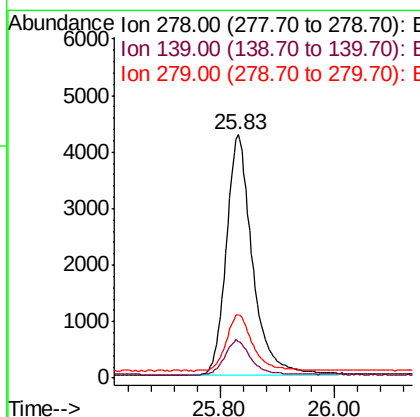
RT: 25.83 min Scan# 3300

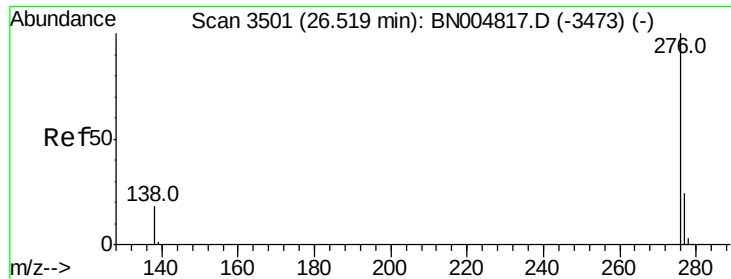
Delta R.T. 0.01 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Tgt Ion:	278	Resp:	13489
Ion Ratio	Lower	Upper	
278	100		
139	15.0	11.7	17.5
279	25.8	19.9	29.9





#39

Benzo(a,h,i)perylene

Concen: 0.191 ng

RT: 26.52 min Scan# 3502

Delta R.T. 0.00 min

Lab File: BN004859.D

Acq: 21 Mar 2019 20:34

Instrument :

BNA_N

ClientSampleId :

PB118153BS

Tot Ion: 276 Resp: 13979

Ion Ratio Lower Upper

276 100

277 24.7 19.7 29.5

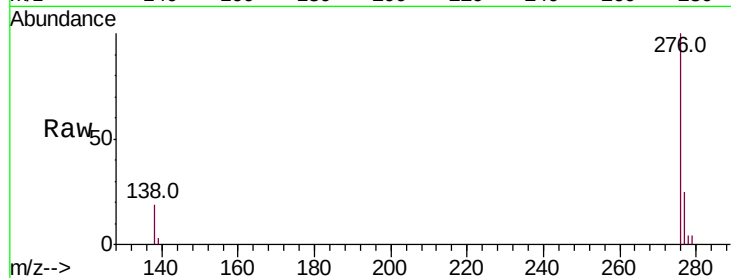
138 19.3 14.6 22.0

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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

