

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032319\
 Data File : BN004920.D
 Acq On : 23 Mar 2019 14:58
 Operator : JU/SJ
 Sample : PB118204BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118204BS

Manual Integrations
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 3/25/2019 1:34:20 PM

Quant Time: Mar 24 01:33:15 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	1109	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	4250	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	2441	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	5822	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	8083	0.40	ng	-0.01
34) Perylene-d12	23.53	264	9888	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	1134	0.38	ng	0.00
5) Phenol-d6	6.87	99	1322	0.35	ng	0.00
8) Nitrobenzene-d5	8.86	82	1023	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	2125	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	533	0.32	ng	-0.01
15) 2-Fluorobiphenyl	12.95	172	3204	0.32	ng	-0.01
25) Fluoranthene-d10	19.12	212	6240	0.32	ng	0.00
29) Terphenyl-d14	19.72	244	5142	0.31	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	328	0.260	ng	# 69
3) n-Nitrosodimethylamine	3.55	42	271	0.364	ng	# 87
6) bis(2-Chloroethyl)ether	7.12	93	1082	0.320	ng	98
9) Naphthalene	10.53	128	3792	0.318	ng	96
10) Hexachlorobutadiene	10.80	225	674	0.296	ng	# 98
12) 2-Methylnaphthalene	12.15	142	2677	0.302	ng	98
16) Acenaphthylene	14.05	152	3832	0.305	ng	99
17) Acenaphthene	14.39	154	2461	0.299	ng	98
18) Fluorene	15.38	166	3323	0.289	ng	99
20) 4-Bromophenyl-phenylether	16.27	248	1155	0.304	ng	96
21) Hexachlorobenzene	16.39	284	1206	0.277	ng	94
22) Pentachlorophenol	16.75	266	714m	0.839	ng	
23) Phenanthrene	17.12	178	5794	0.308	ng	99
24) Anthracene	17.22	178	5284	0.315	ng	99
26) Fluoranthene	19.15	202	7441	0.308	ng	99
28) Pyrene	19.52	202	7737	0.314	ng	99
30) Benzo(a)anthracene	21.27	228	8749	0.330	ng	98
31) Chrysene	21.32	228	8640	0.309	ng	98
32) Bis(2-ethylhexyl)phthalate	21.17	149	4640	0.438	ng	97
33) Indeno(1,2,3-cd)pyrene	25.80	276	14768	0.366	ng	98
35) Benzo(b)fluoranthene	22.85	252	10378	0.290	ng	# 90
36) Benzo(k)fluoranthene	22.90	252	10284	0.292	ng	# 90
37) Benzo(a)pyrene	23.43	252	10307	0.314	ng	# 89
38) Dibenzo(a,h)anthracene	25.81	278	12392	0.326	ng	# 94
39) Benzo(g,h,i)perylene	26.50	276	12920	0.334	ng	96

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

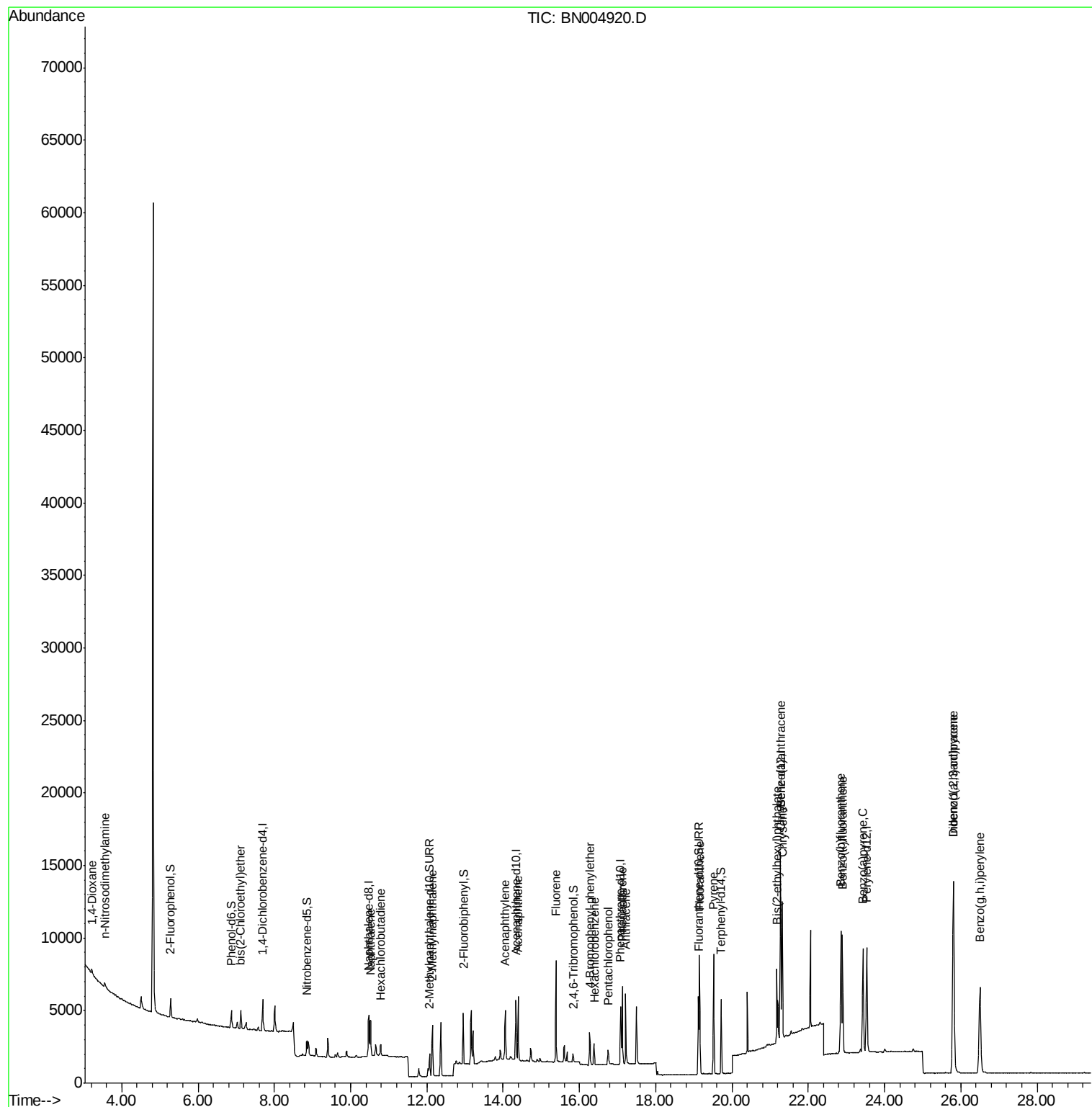
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032319\
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Manual Integrations
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 579

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

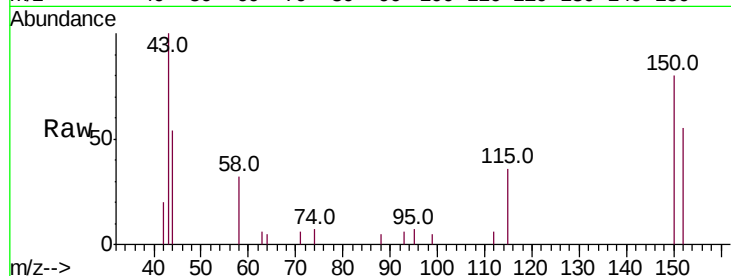
ClientSampled :

PB118204BS

Tot Ion:	152	Resp:	1109
Ion	Ratio	Lower	Upper
152	100		
150	146.5	126.2	189.4
115	65.2	52.6	79.0

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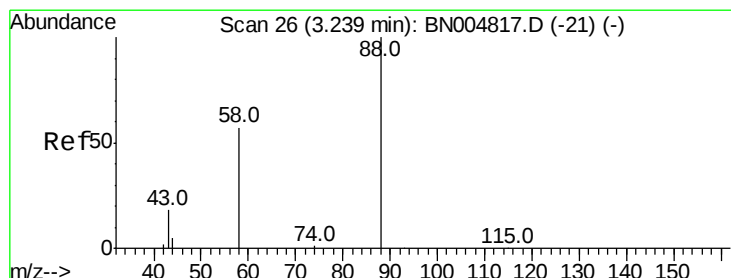
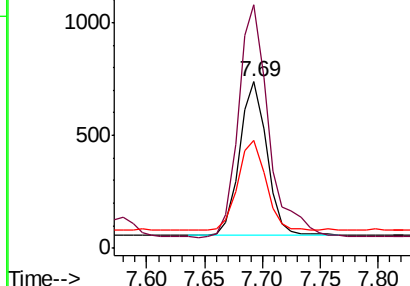
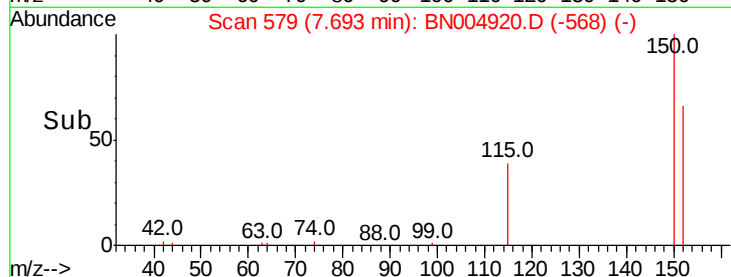
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.260 ng

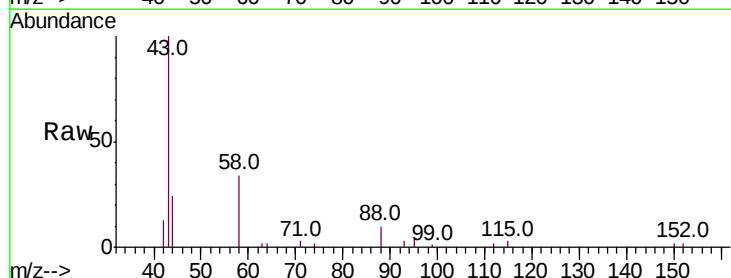
RT: 3.22 min Scan# 24

Delta R.T. -0.02 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

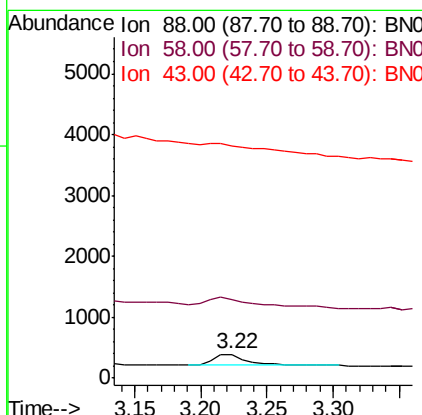
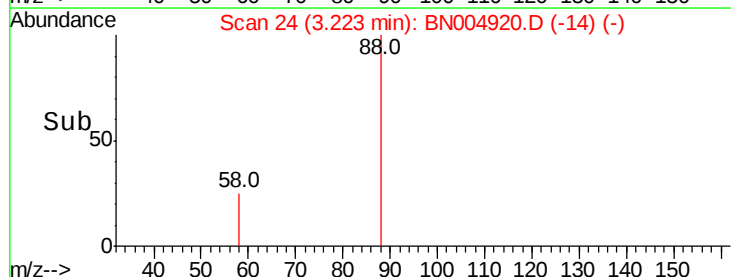
Tgt Ion:	88	Resp:	328
Ion	Ratio	Lower	Upper
88	100		
58	82.9	51.4	77.2#
43	0.0	20.0	30.0#



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: 0.364 ng

RT: 3.55 min Scan# 65

Delta R.T. -0.02 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

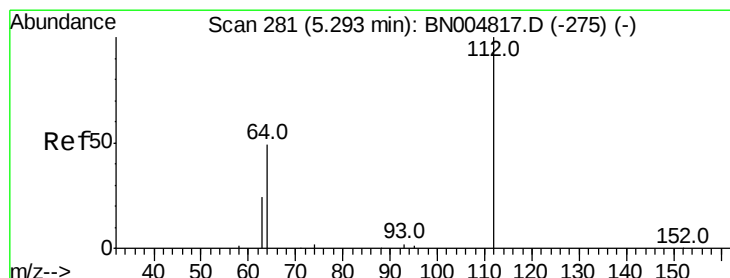
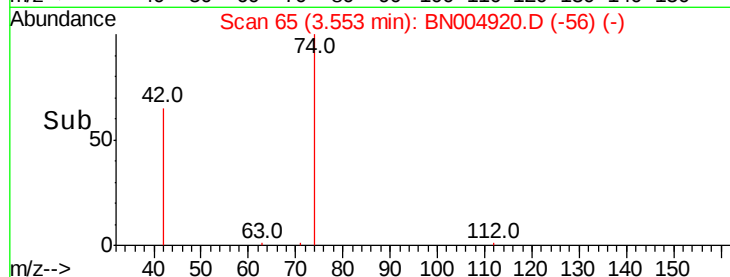
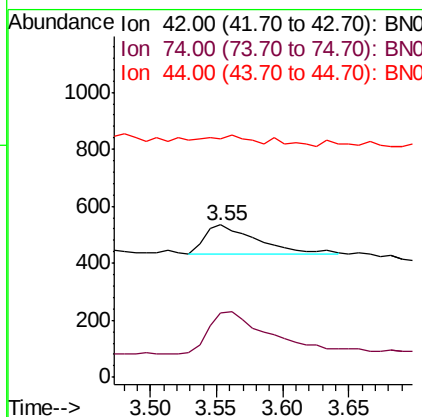
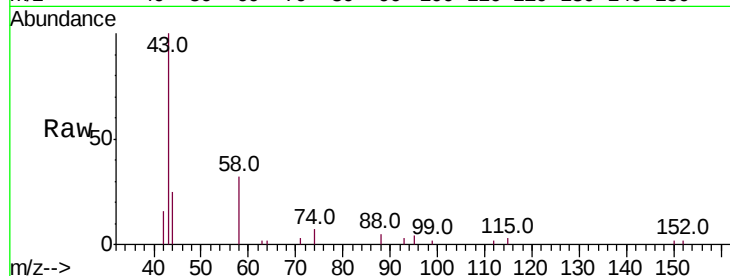
ClientSampled :

PB118204BS

Tot Ion:	42	Resp:	271
Ion Ratio	Lower	Upper	
42	100		
74	175.6	128.4	192.6
44	19.9	6.1	9.1#

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#4

2-Fluorophenol

Concen: 0.376 ng

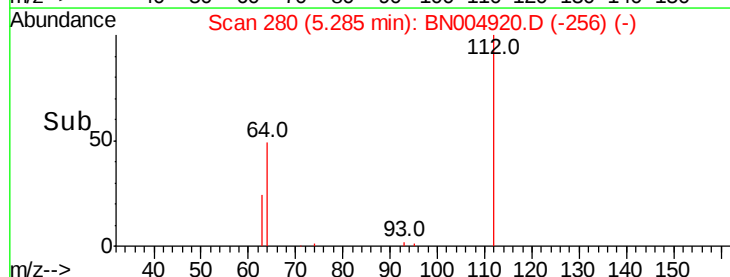
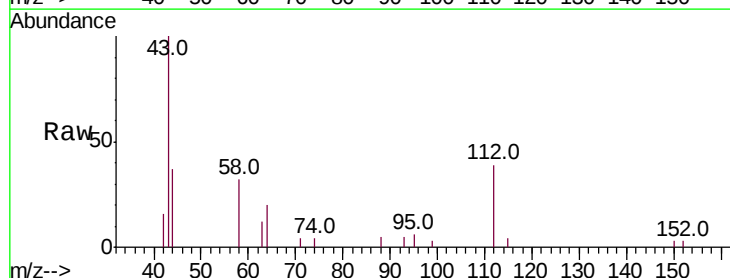
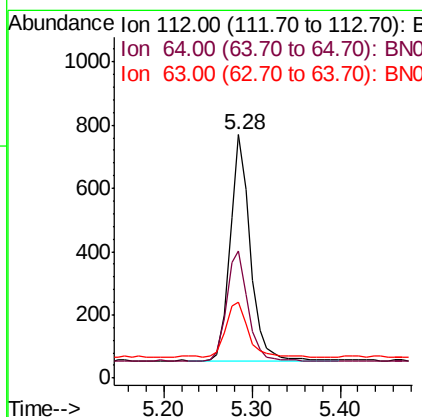
RT: 5.28 min Scan# 280

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Tgt Ion:	112	Resp:	1134
Ion Ratio	Lower	Upper	
112	100		
64	51.4	40.0	60.0
63	26.6	20.2	30.2





#5

Phenol-d6

Concen: 0.352 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

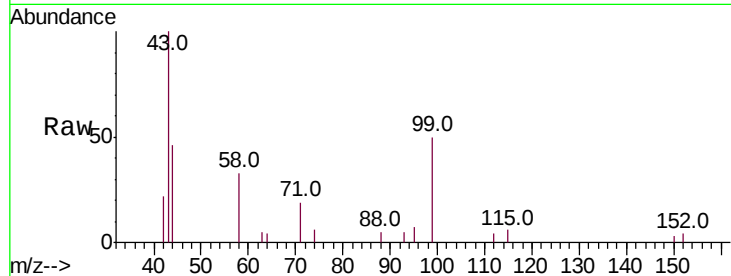
ClientSampled :

PB118204BS

Tot Ion:	99	Resp:	1322
Ion	Ratio	Lower	Upper
99	100		
42	16.8	12.7	19.1
71	31.5	26.6	40.0

Manual Integrations
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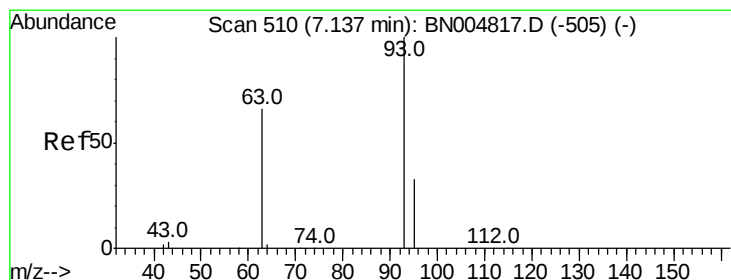
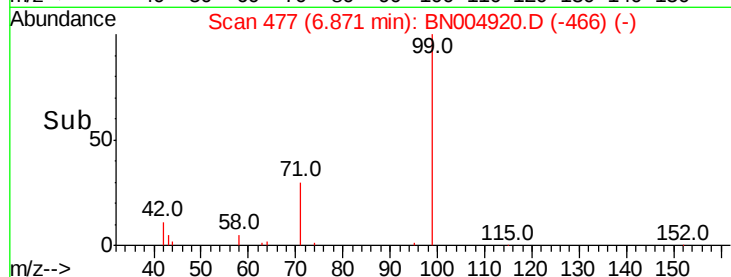
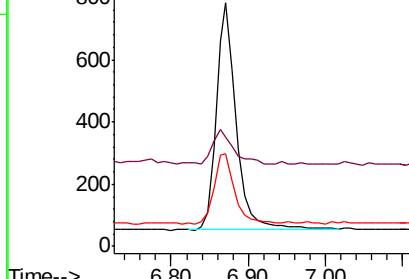
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Abundance Ion 99.00 (98.70 to 99.70): BN004817.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004817.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004817.D (-471) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.320 ng

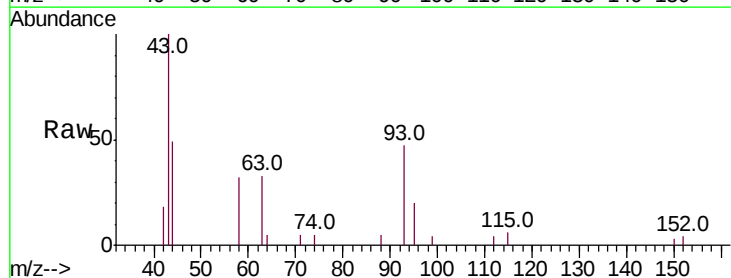
RT: 7.12 min Scan# 508

Delta R.T. -0.02 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

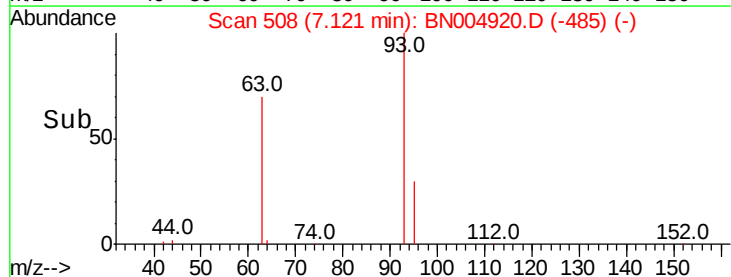
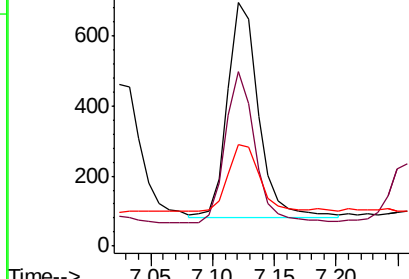
Tgt Ion:	93	Resp:	1082
Ion	Ratio	Lower	Upper
93	100		
63	67.7	52.6	78.8
95	32.2	25.9	38.9

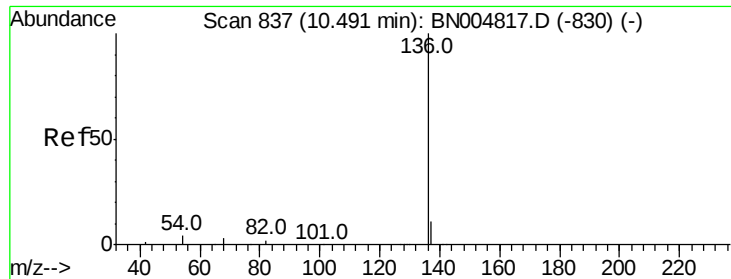


Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN004817.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN004817.D (-505) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

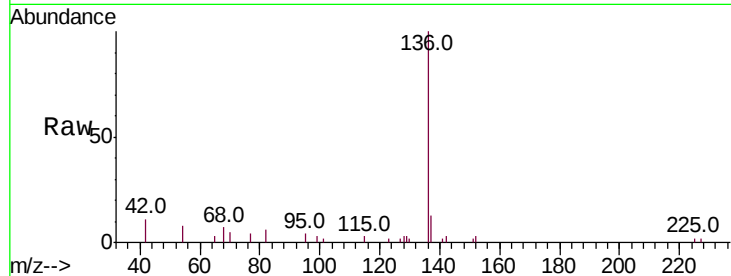
ClientSampleId :

PB118204BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	4250		
137	13.0	9.6	14.4	
54	7.8	4.2	6.2	
68	7.4	3.9	5.9	

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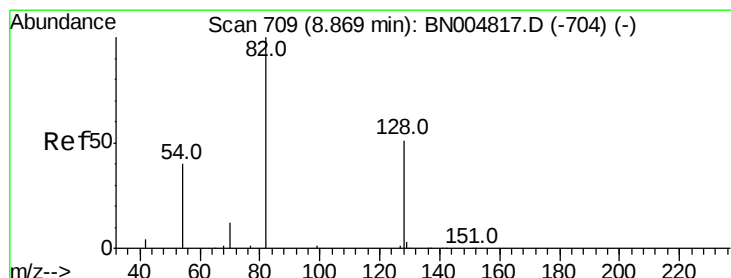
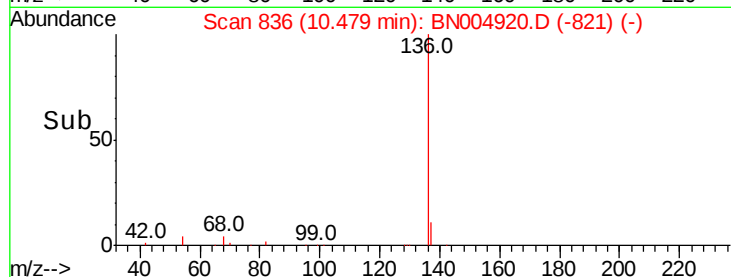
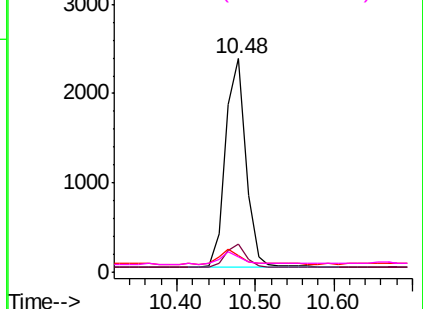


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.364 ng

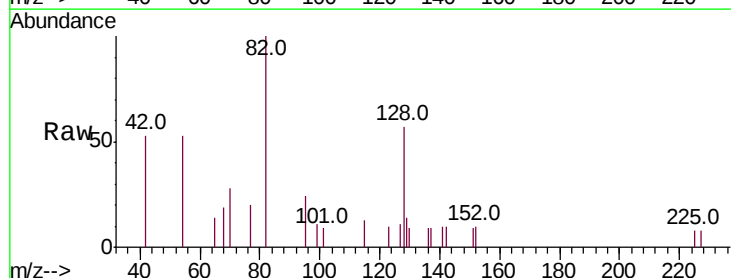
RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

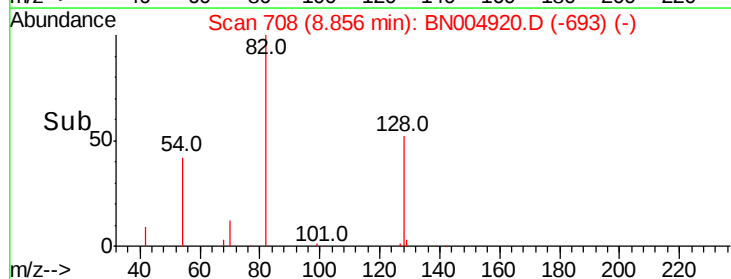
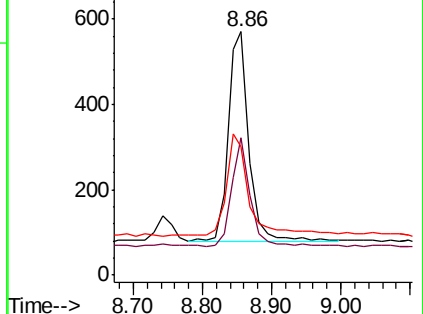
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1023		
128	56.6	43.0	64.6	
54	52.7	35.3	52.9	

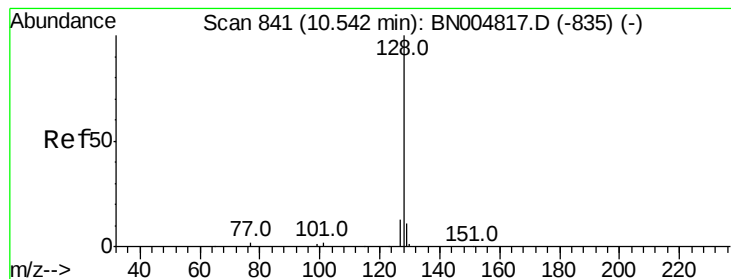


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.318 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

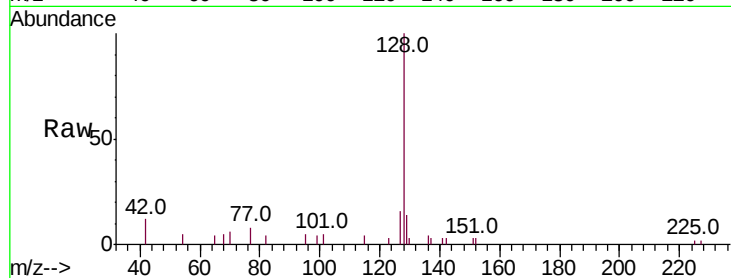
ClientSampled :

PB118204BS

Tot Ion:	128	Resp:	3792
Ion	Ratio	Lower	Upper
128	100		
129	14.1	9.9	14.9
127	15.8	11.3	16.9

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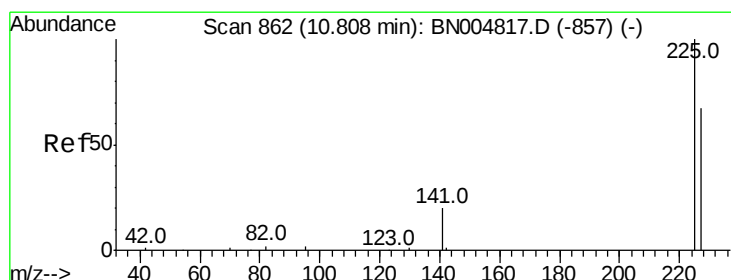
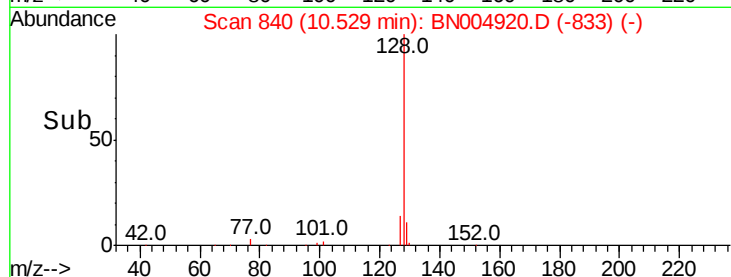
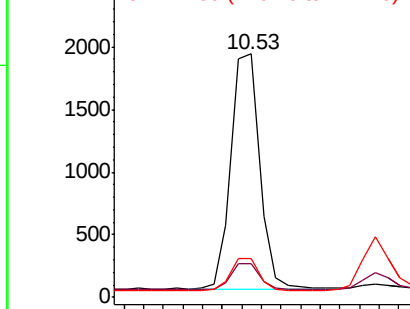


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.296 ng

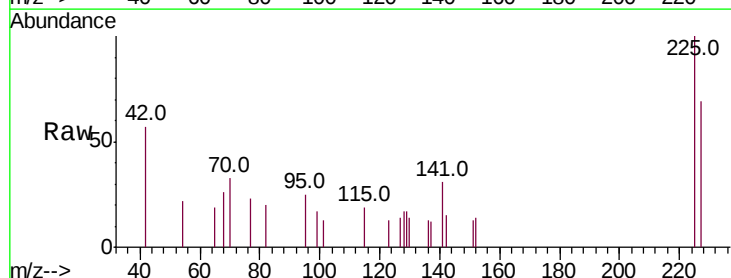
RT: 10.80 min Scan# 861

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Tgt Ion:	225	Resp:	674
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	52.2	78.4

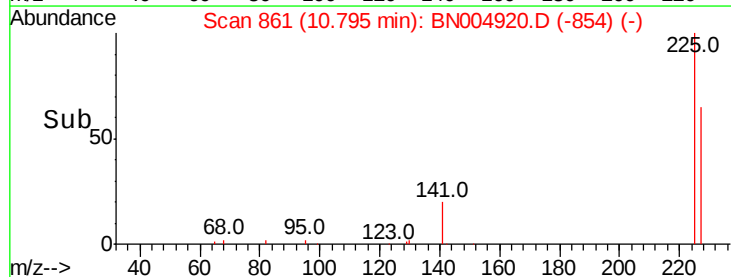
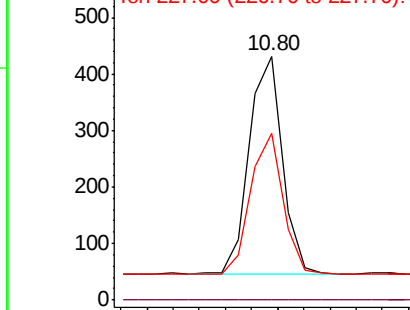


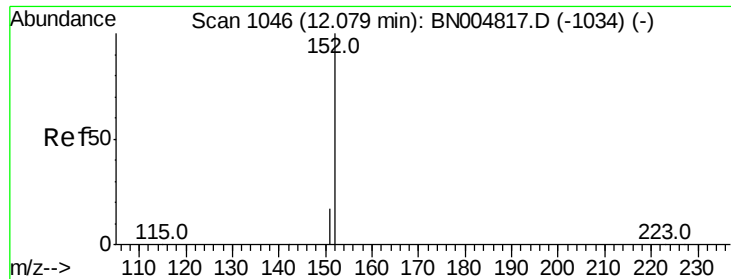
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.287 ng

RT: 12.07 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS

Tot Ion:152 Resp: 2125

Ion Ratio Lower Upper

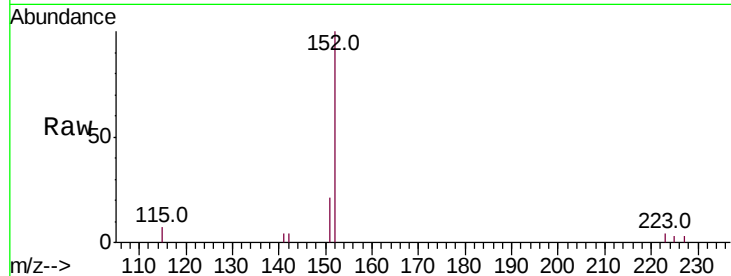
152 100

151 19.7 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

12.07

1500

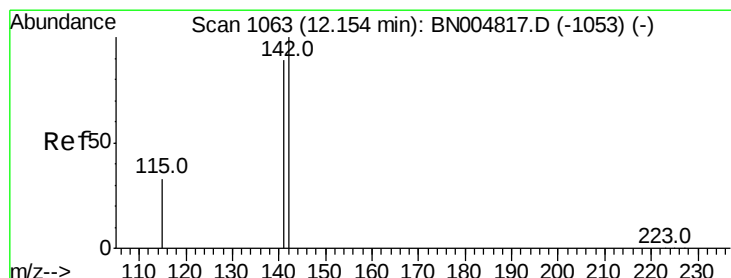
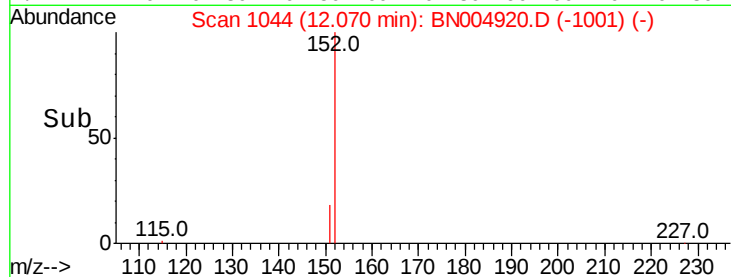
1000

500

0

12.05 12.10 12.15

Time-->



#12

2-Methylnaphthalene

Concen: 0.302 ng

RT: 12.15 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

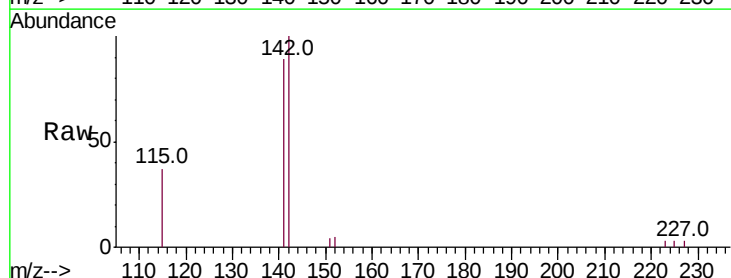
Tgt Ion:142 Resp: 2677

Ion Ratio Lower Upper

142 100

141 88.7 71.4 107.2

115 37.2 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

12.15

2000

1500

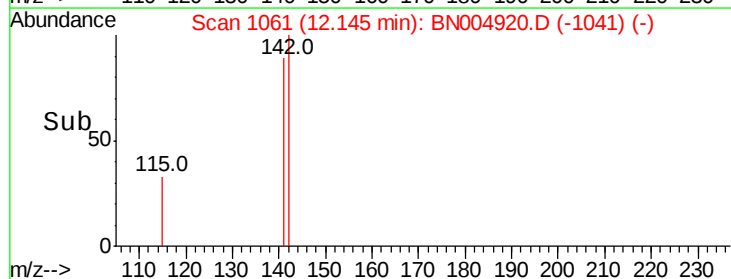
1000

500

0

12.10 12.20

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

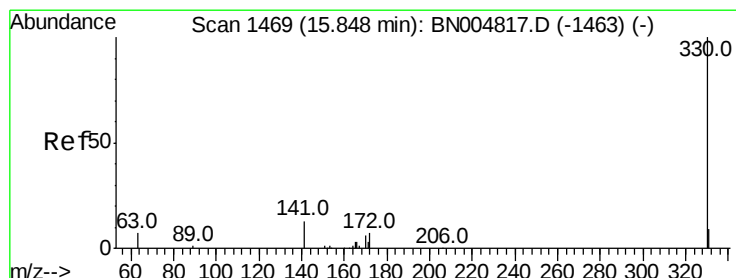
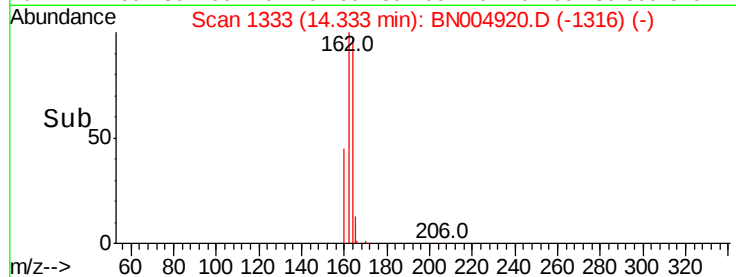
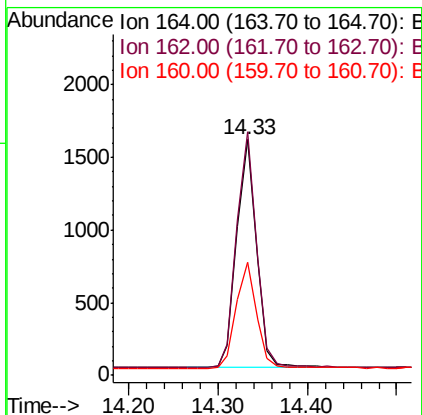
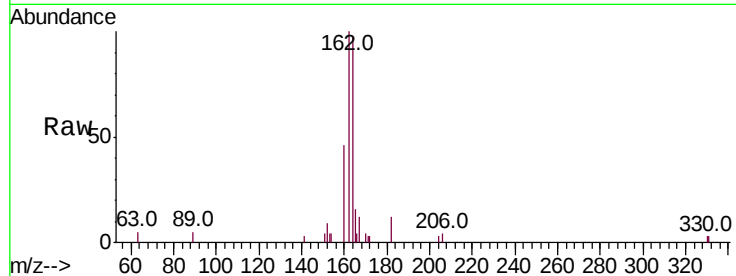
ClientSampleId :

PB118204BS

Tot Ion:	164	Resp:	2441
Ion Ratio	Lower	Upper	
164	100		
162	103.3	81.9	122.9
160	48.0	36.6	54.8

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#14

2,4,6-Tribromophenol

Concen: 0.316 ng

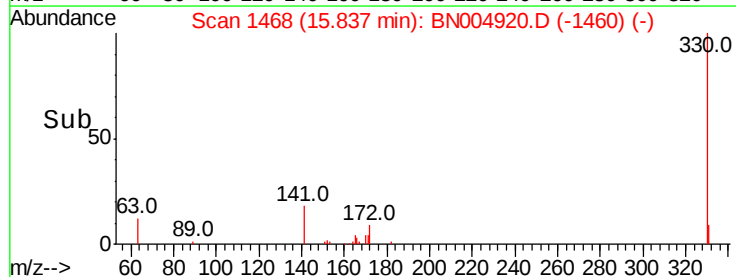
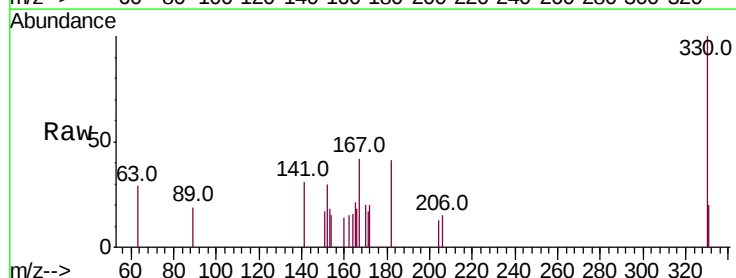
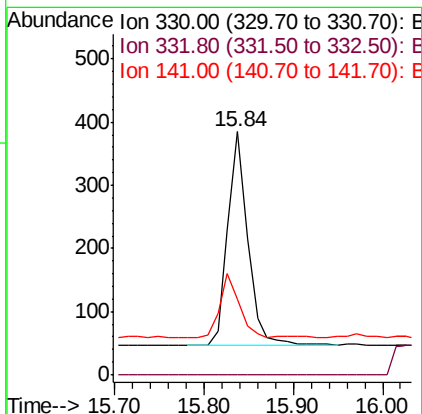
RT: 15.84 min Scan# 1468

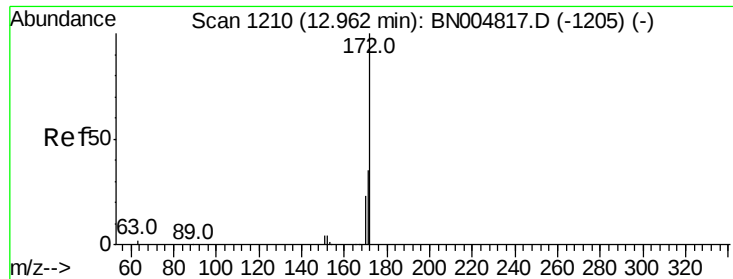
Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Tgt Ion:	330	Resp:	533
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	30.0	20.9	31.3





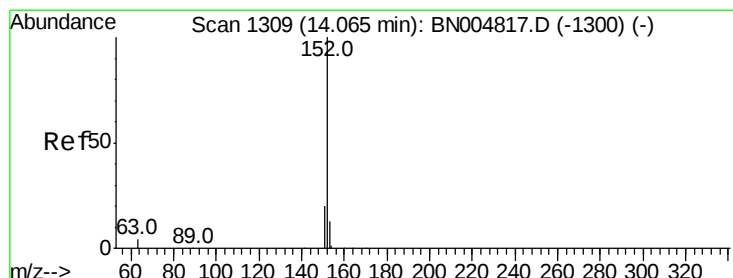
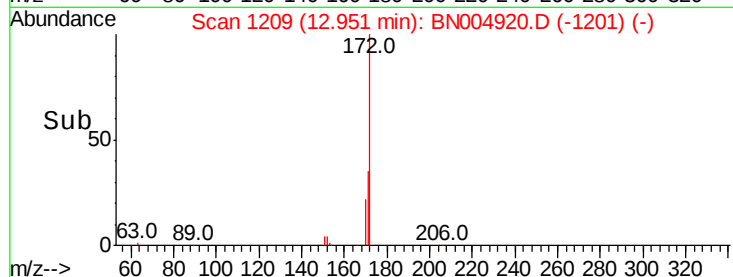
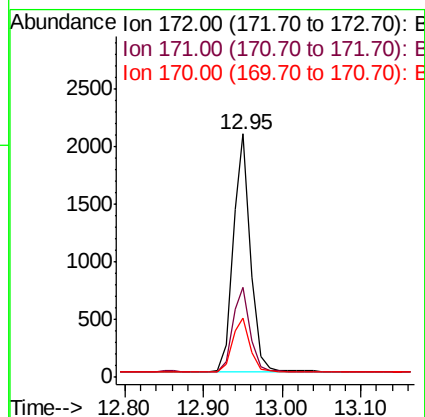
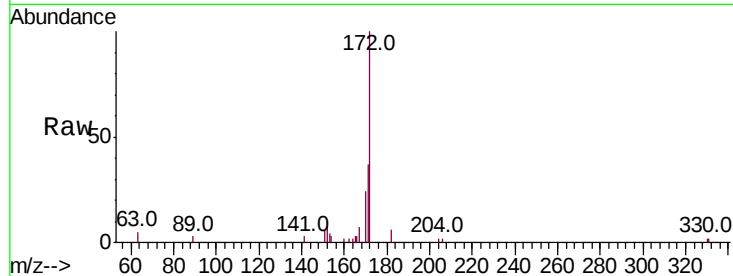
#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004920.D
Acq: 23 Mar 2019 14:58

Instrument :
BNA_N
ClientSampleId :
PB118204BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.7	43.1
170	24.1	18.7	28.1

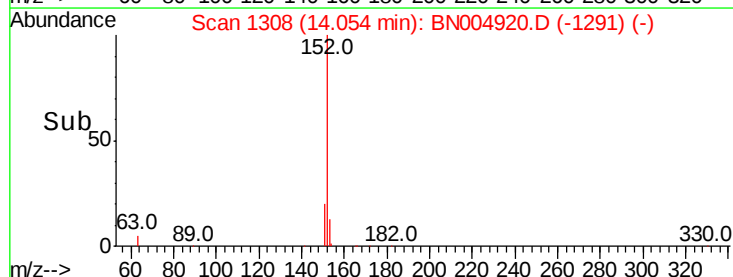
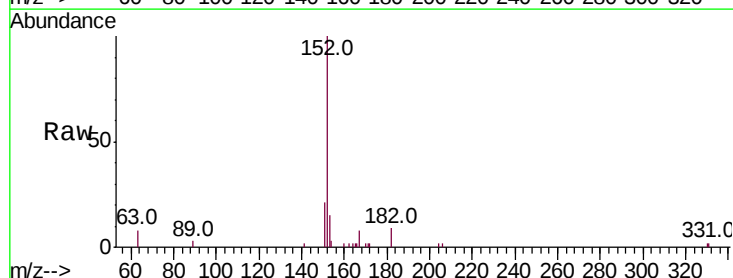
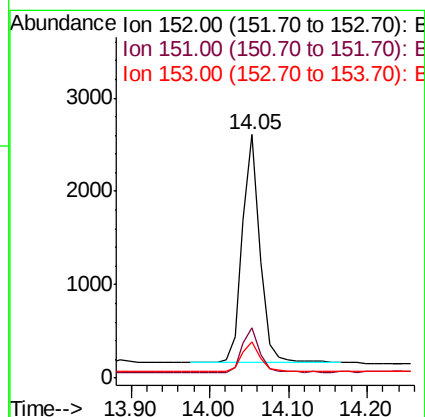
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#16
Acenaphthylene
Concen: 0.305 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004920.D
Acq: 23 Mar 2019 14:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.0	10.5	15.7





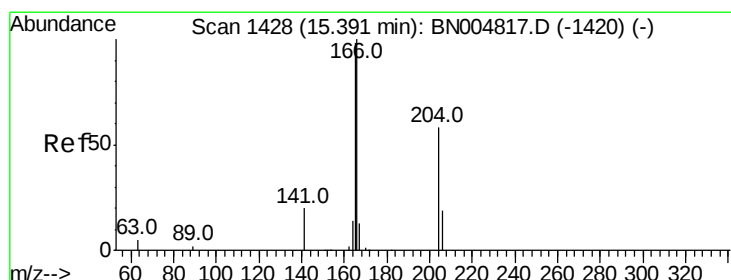
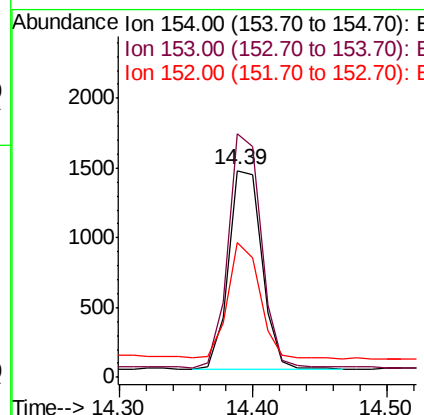
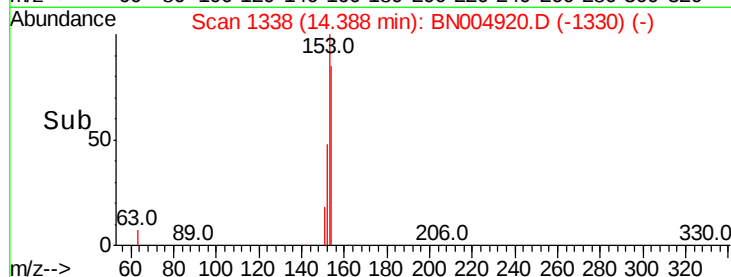
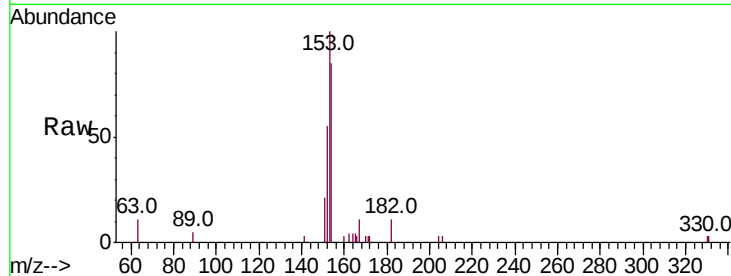
#17
Acenaphthene
Concen: 0.299 ng
RT: 14.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BN004920.D
Acq: 23 Mar 2019 14:58

Instrument :
BNA_N
ClientSampleId :
PB118204BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.7	91.4	137.2
152	57.2	44.2	66.2

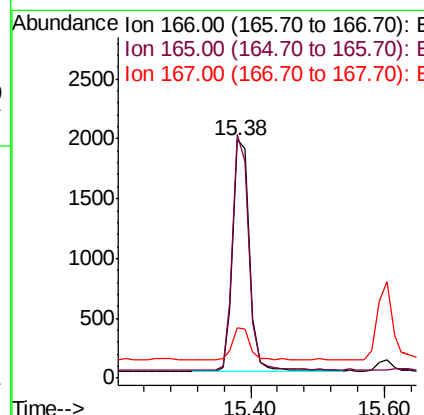
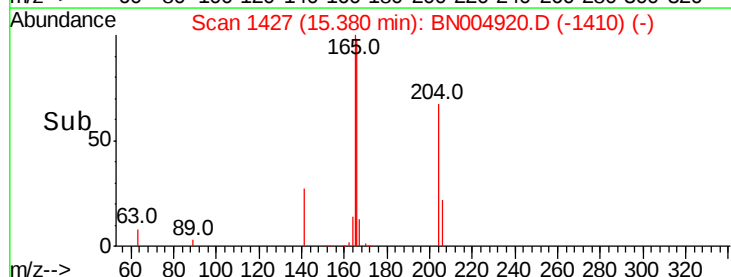
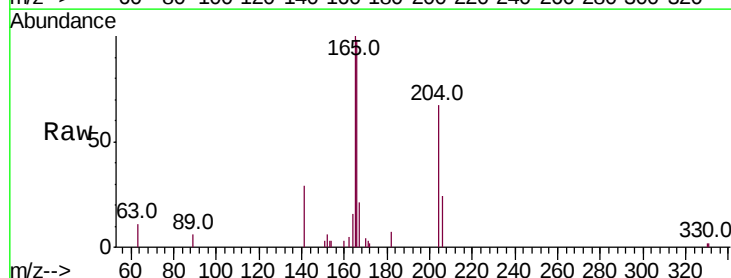
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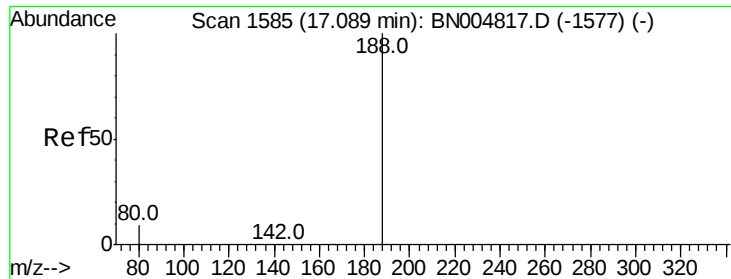
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#18
Fluorene
Concen: 0.289 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004920.D
Acq: 23 Mar 2019 14:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.2	117.4
167	14.1	11.0	16.4





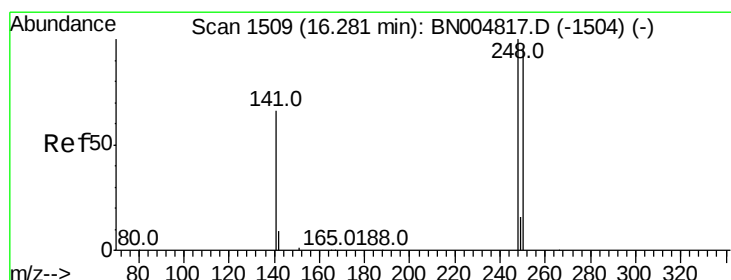
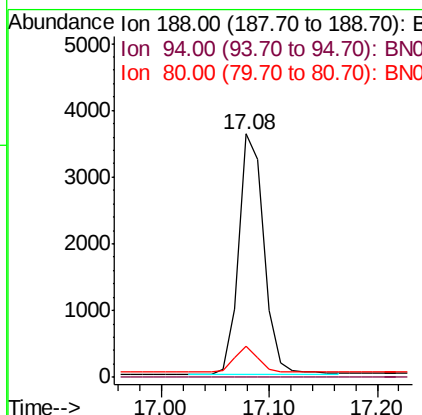
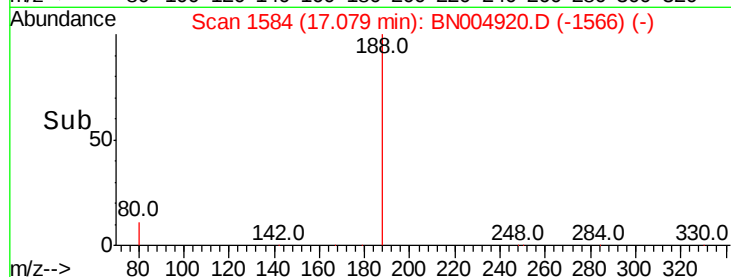
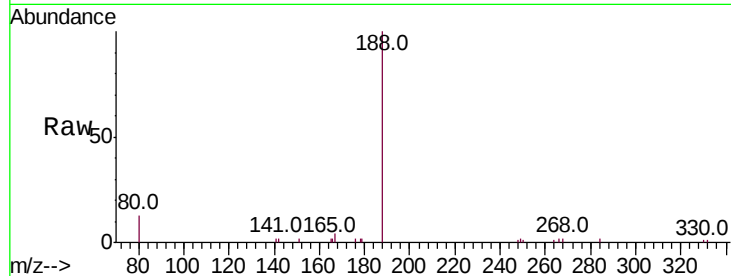
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004920.D
Acq: 23 Mar 2019 14:58

Instrument :
BNA_N
ClientSampled :
PB118204BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	7.4	11.2

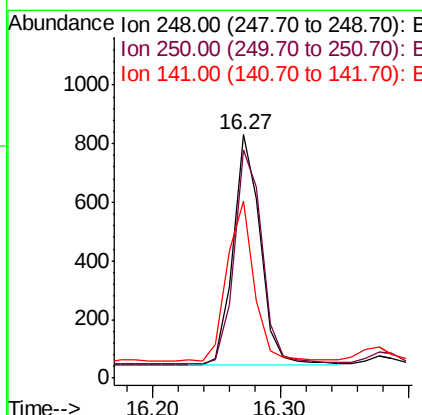
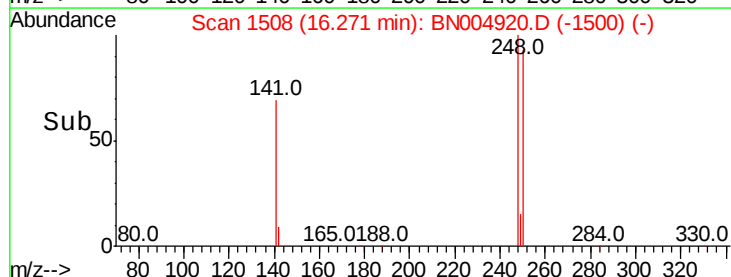
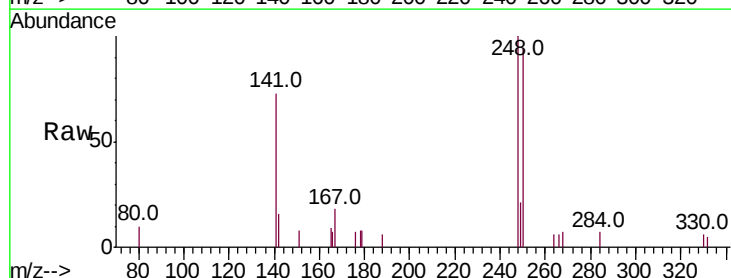
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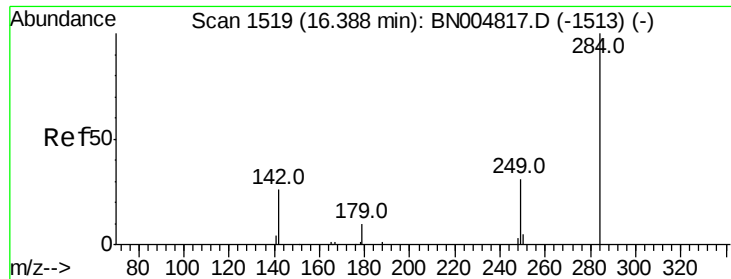
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3/25/2019 1:34:20 PM



#20
4-Bromophenyl-phenylether
Concen: 0.304 ng
RT: 16.27 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN004920.D
Acq: 23 Mar 2019 14:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.6	76.2	114.4
141	72.8	53.9	80.9





#21

Hexachlorobenzene

Concen: 0.277 ng

RT: 16.39 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

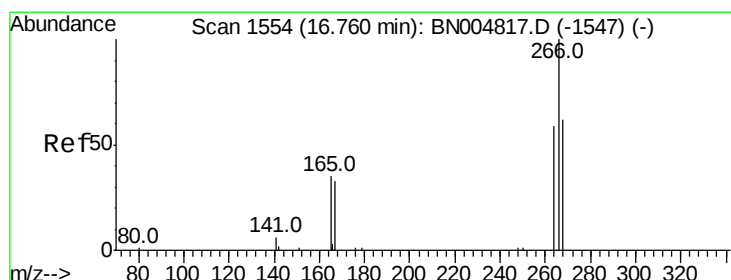
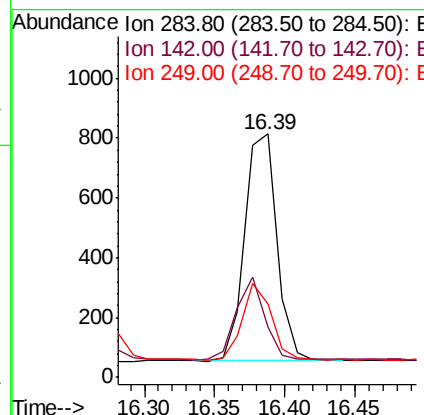
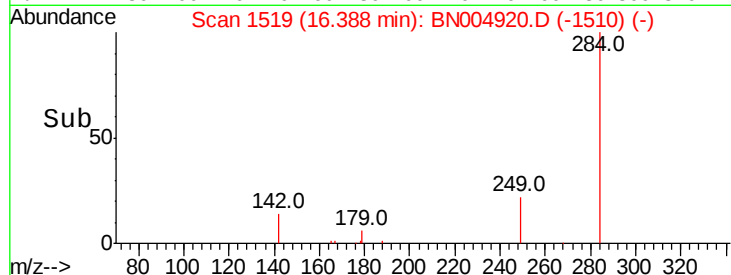
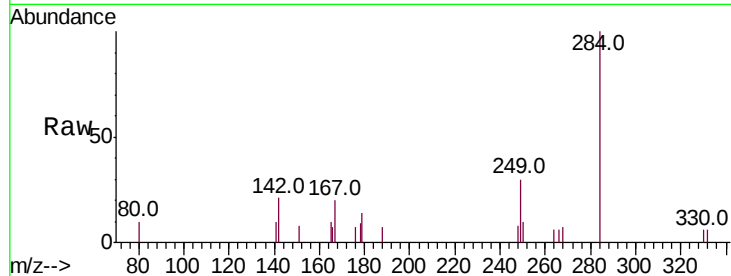
ClientSampled :

PB118204BS

Tot Ion:	284	Resp:	1206
Ion Ratio	Lower	Upper	
284	100		
142	32.5	22.6	34.0
249	30.6	22.5	33.7

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#22

Pentachlorophenol

Concen: 0.839 ng m

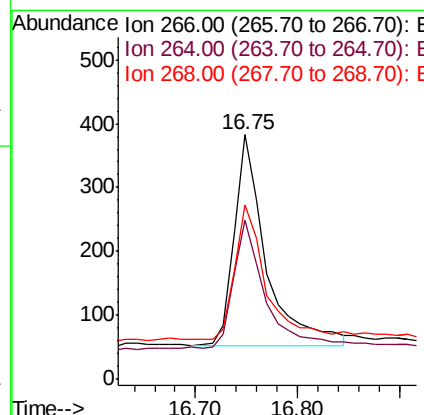
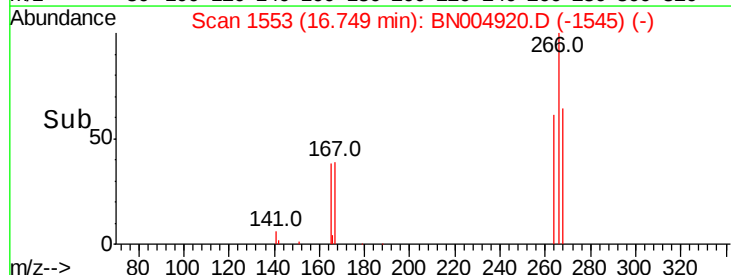
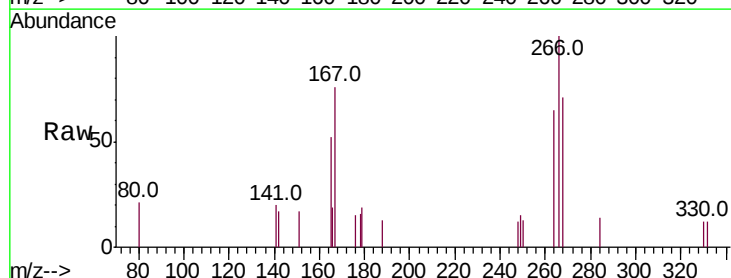
RT: 16.75 min Scan# 1553

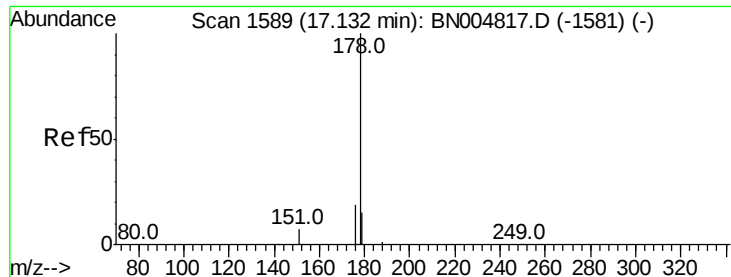
Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Tgt Ion:	266	Resp:	714
Ion Ratio	Lower	Upper	
266	100		
264	64.8	53.1	79.7
268	71.3	57.7	86.5





#23

Phenanthrene

Concen: 0.308 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

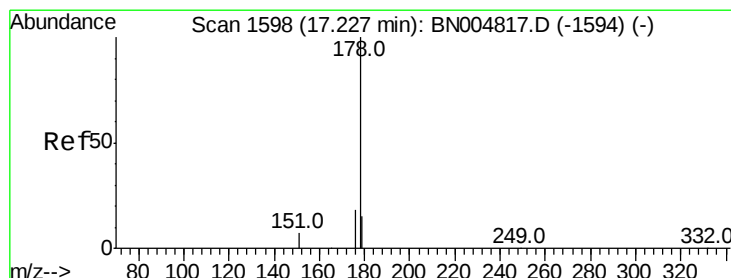
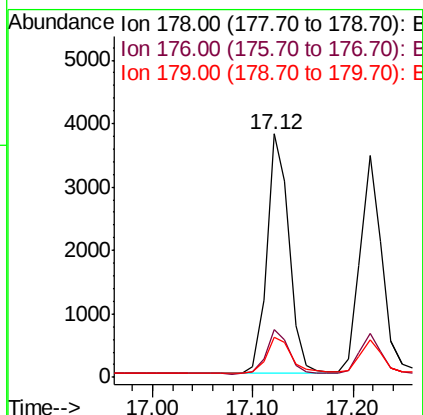
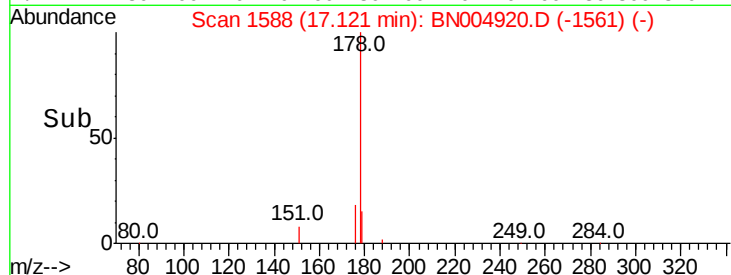
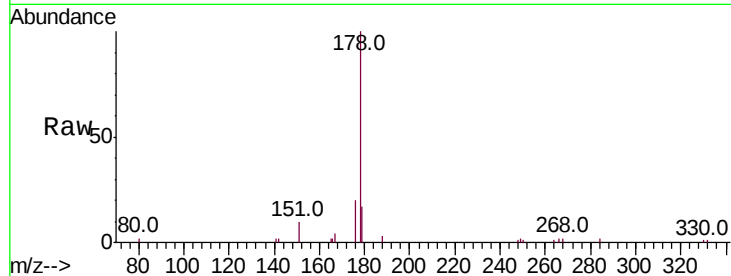
ClientSampled :

PB118204BS

Tot Ion:178	Resp:	5794
Ion Ratio	Lower	Upper
178 100		
176 18.5	14.9	22.3
179 16.3	12.1	18.1

Manual Integrations
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#24

Anthracene

Concen: 0.315 ng

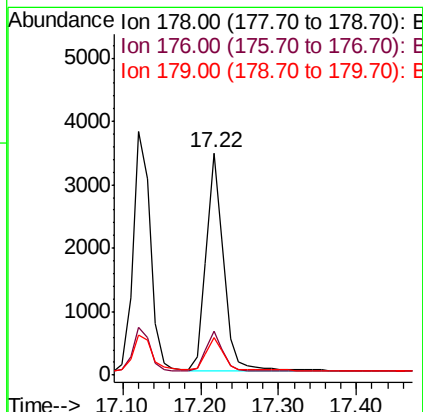
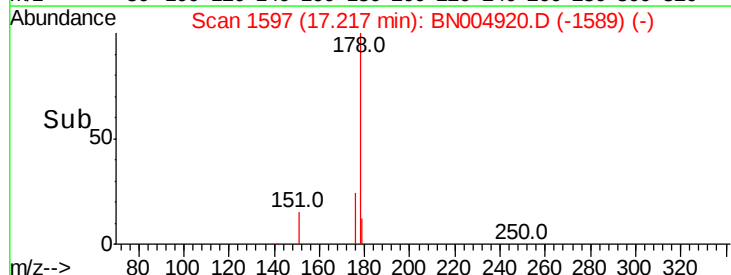
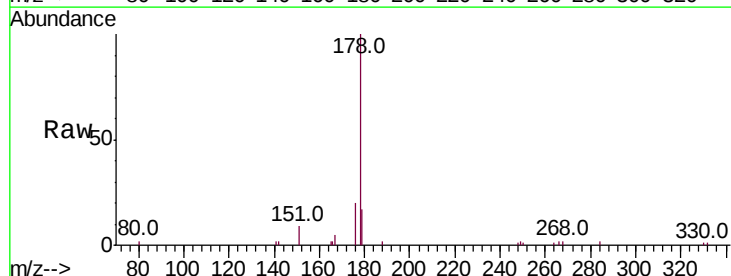
RT: 17.22 min Scan# 1597

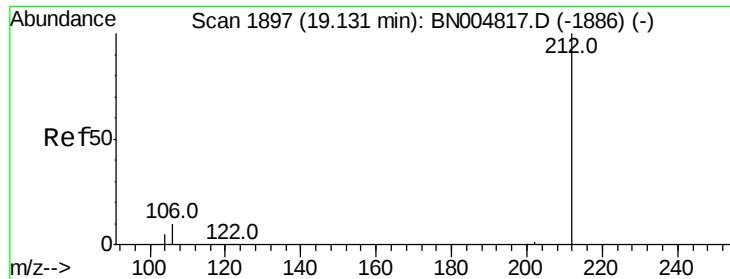
Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Tgt Ion:178	Resp:	5284
Ion Ratio	Lower	Upper
178 100		
176 17.8	14.5	21.7
179 15.8	12.2	18.4





#25

Fluoranthene-d10

Concen: 0.320 ng

RT: 19.12 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

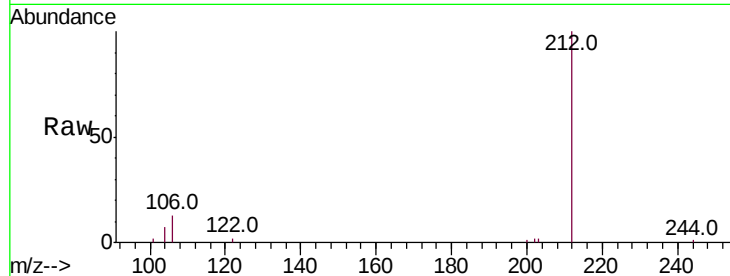
ClientSampleId :

PB118204BS

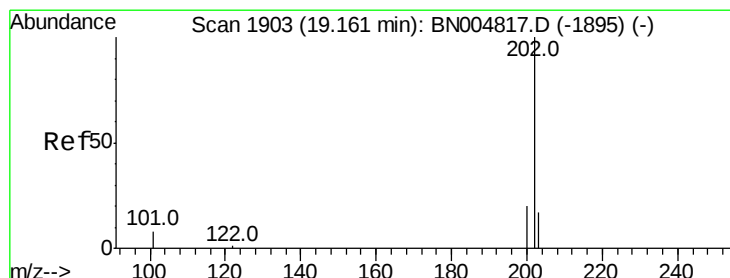
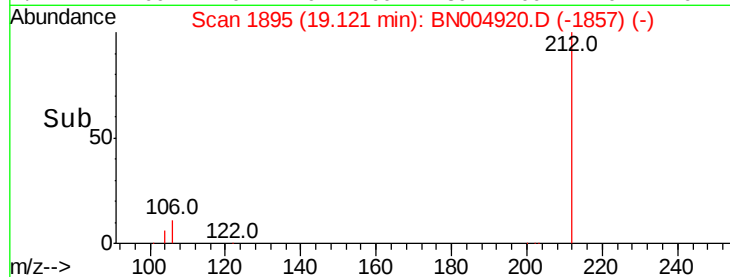
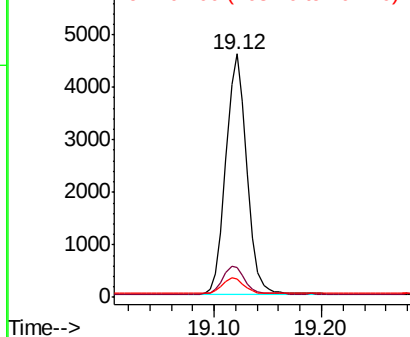
Tot Ion:	212	Resp:	6240
Ion Ratio	Lower	Upper	
212	100		
106	12.0	8.6	13.0
104	6.6	4.7	7.1

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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: 0.308 ng

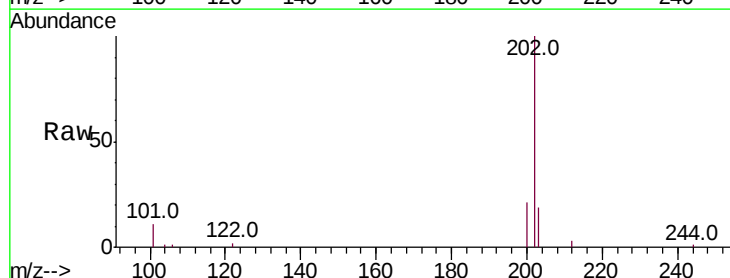
RT: 19.15 min Scan# 1901

Delta R.T. -0.01 min

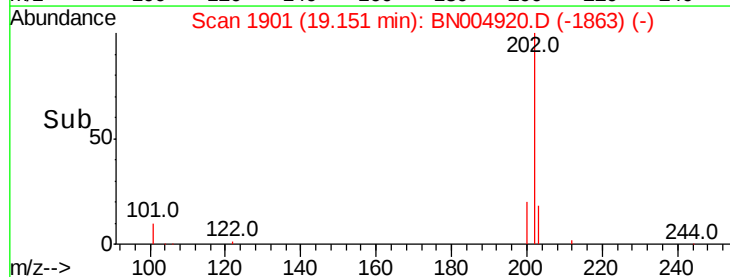
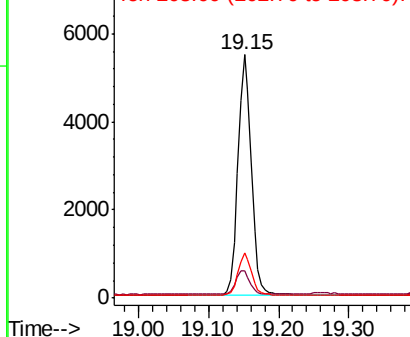
Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Tgt Ion:	202	Resp:	7441
Ion Ratio	Lower	Upper	
202	100		
101	10.6	7.5	11.3
203	17.2	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: 21.28 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS

Tot Ion:240 Resp: 8083

Ion Ratio Lower Upper

240 100

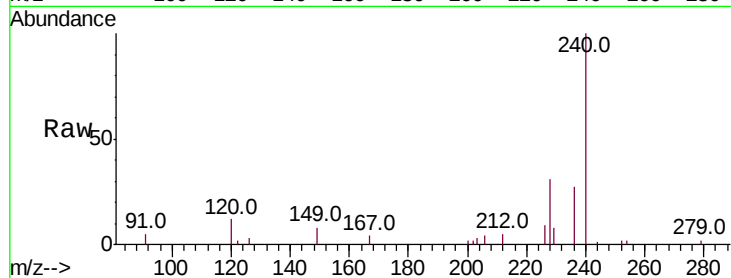
120 11.8 7.2 10.8#

236 27.4 20.9 31.3

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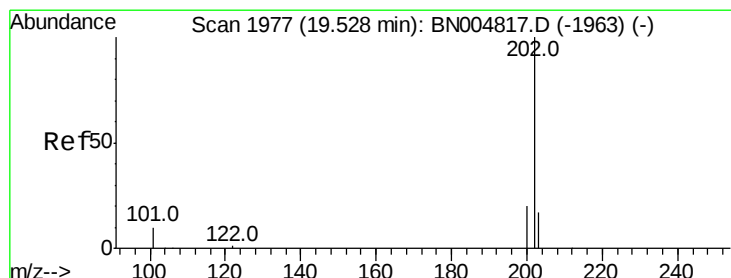
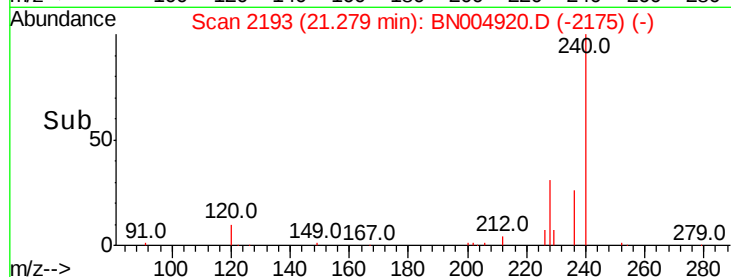
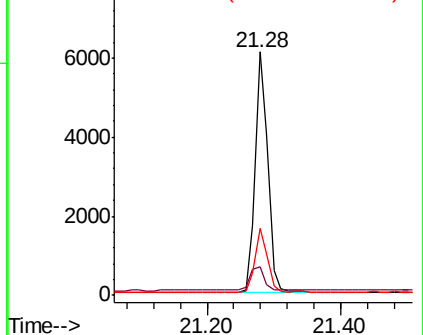
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.314 ng

RT: 19.52 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

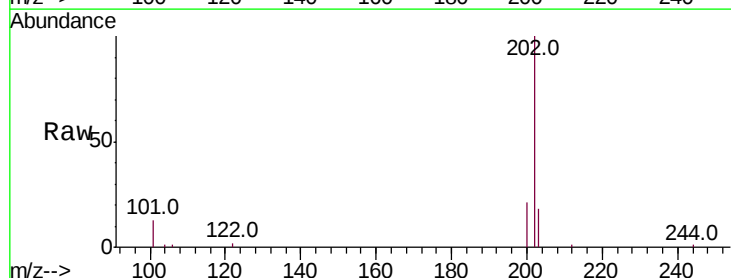
Tgt Ion:202 Resp: 7737

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

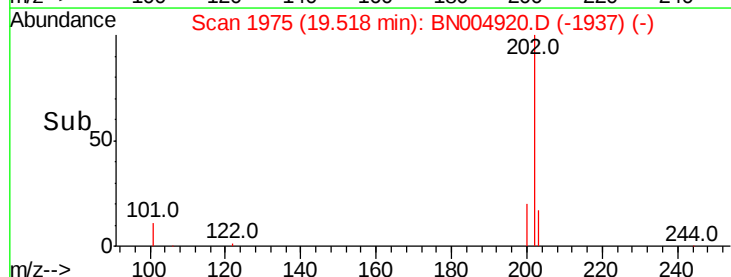
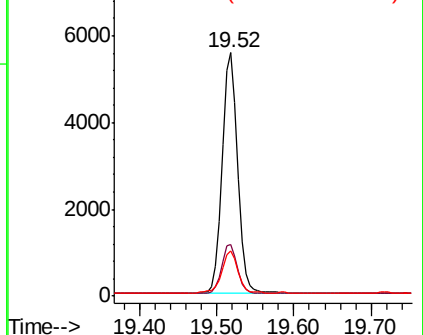
203 18.0 14.0 21.0

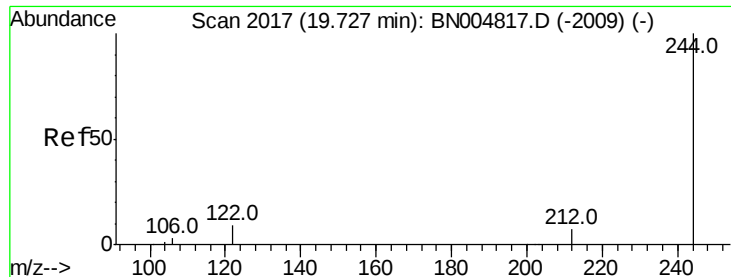


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.311 ng

RT: 19.72 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

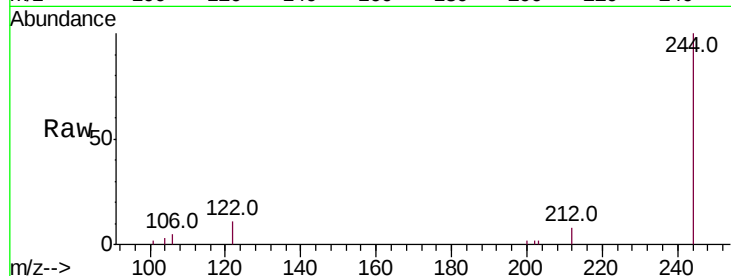
ClientSampleId :

PB118204BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.6
122	11.3	7.9	11.9

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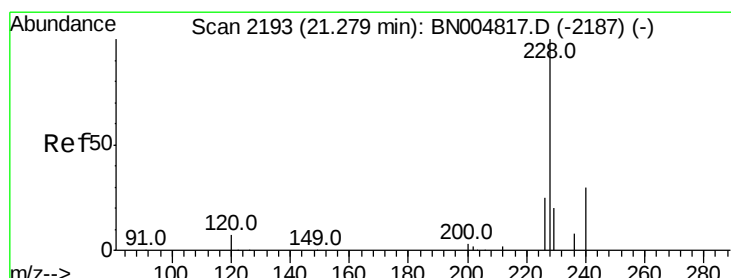
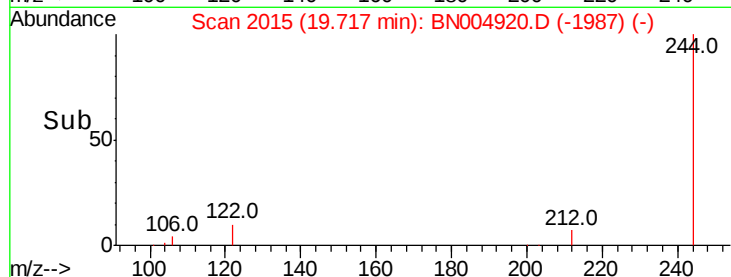
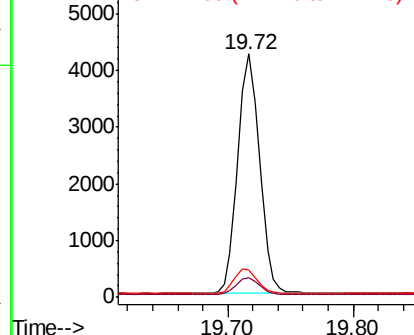


Abundance

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: 0.330 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

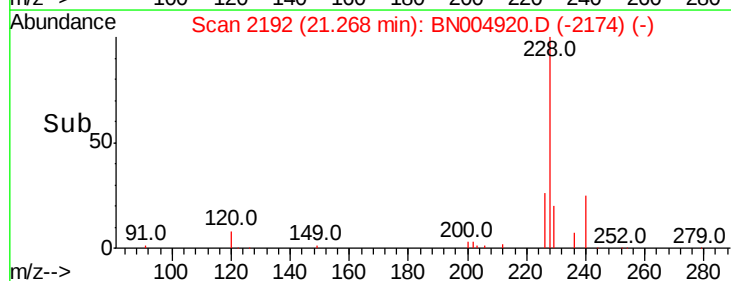
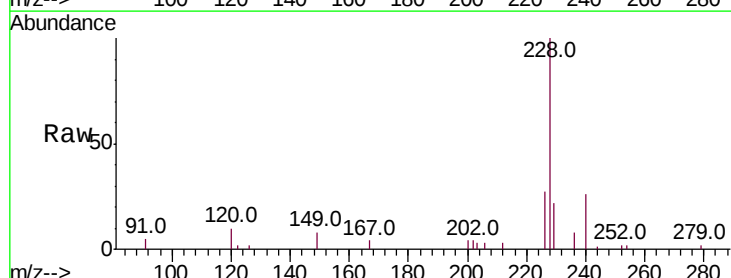
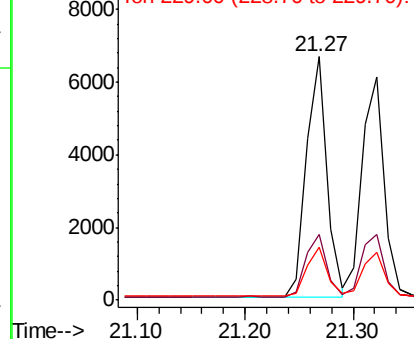
Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	20.6	31.0
229	21.7	16.2	24.4

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: 0.309 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS

Tot Ion:228 Resp: 8640

Ion Ratio Lower Upper

228 100

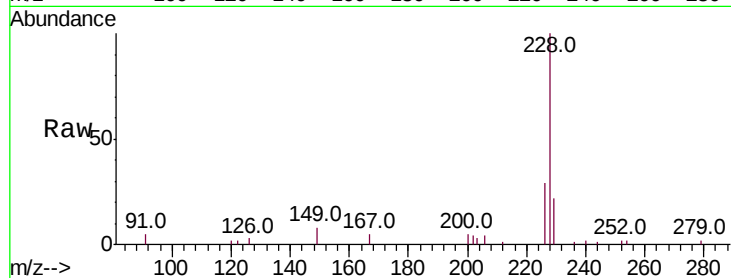
226 29.2 23.0 34.6

229 21.6 16.2 24.2

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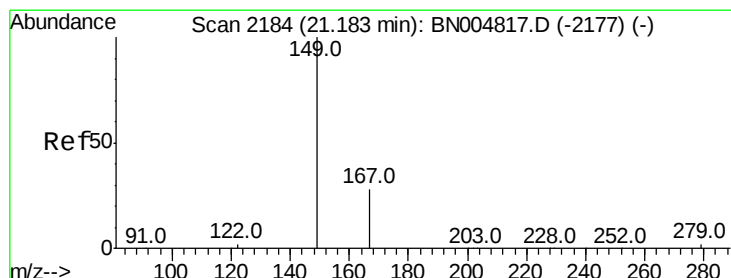
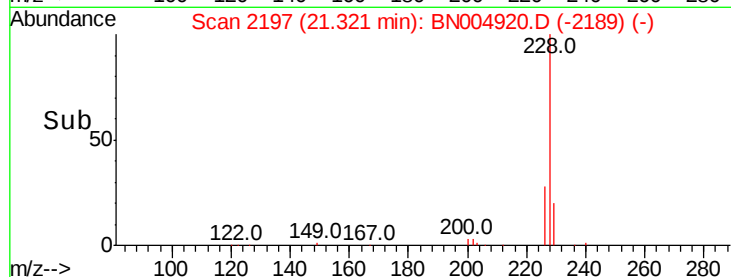
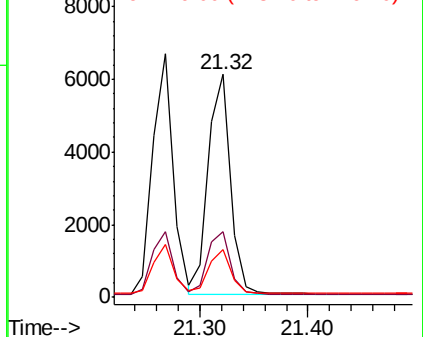
3/25/2019 1:34:20 PM



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: 0.438 ng

RT: 21.17 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

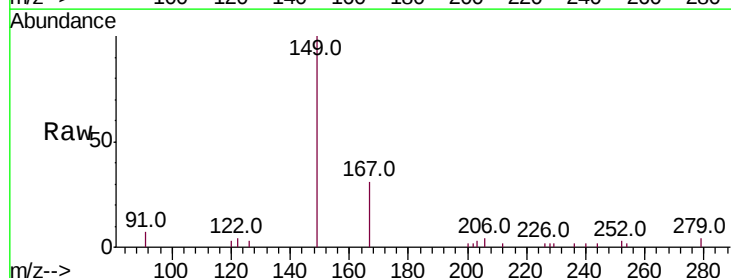
Tgt Ion:149 Resp: 4640

Ion Ratio Lower Upper

149 100

167 26.8 23.0 34.4

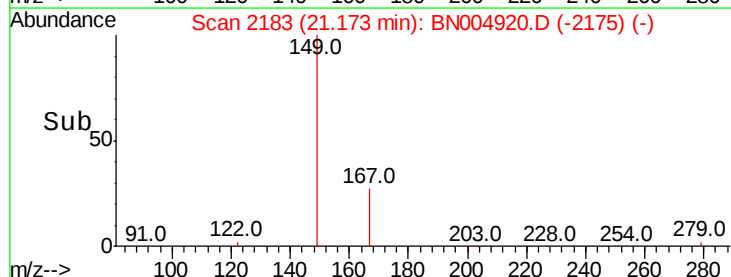
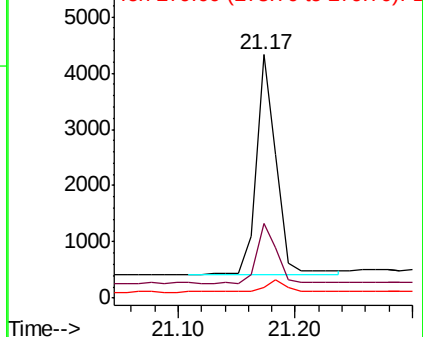
279 5.3 4.6 6.8



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





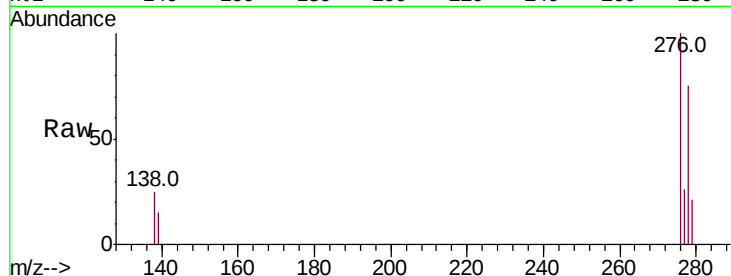
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng
RT: 25.80 min Scan# 3291
Delta R.T. -0.01 min
Lab File: BN004920.D
Acq: 23 Mar 2019 14:58

Instrument :
BNA_N
ClientSampleId :
PB118204BS

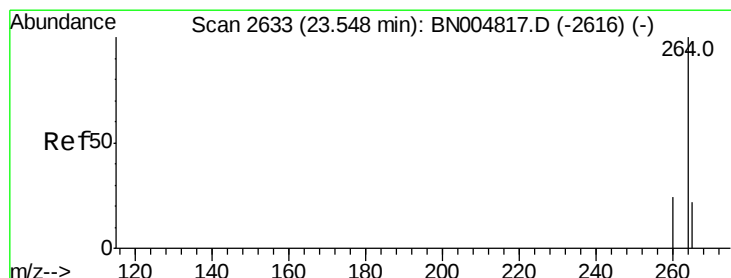
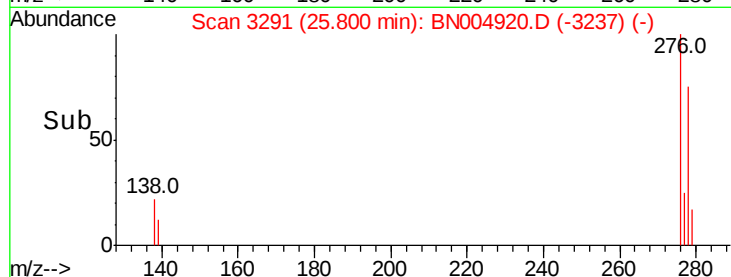
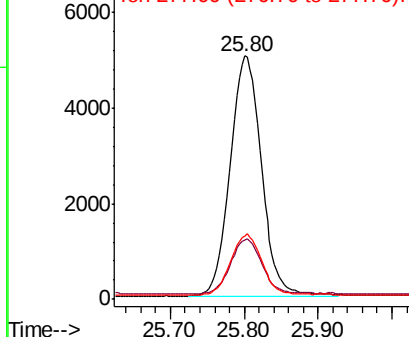
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	16.6	24.8
277	25.4	20.3	30.5

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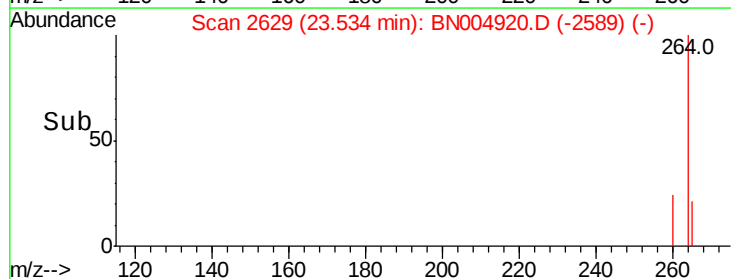
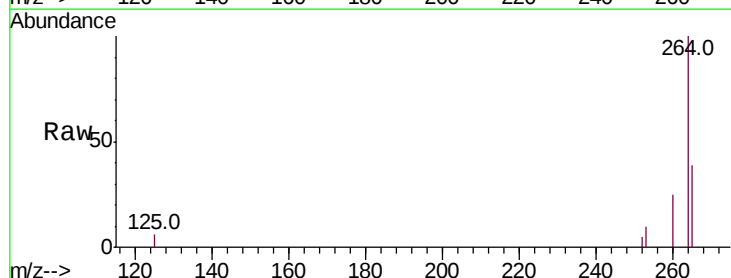
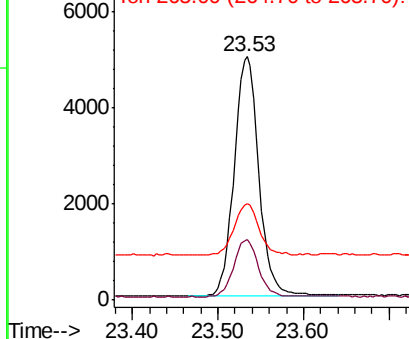
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

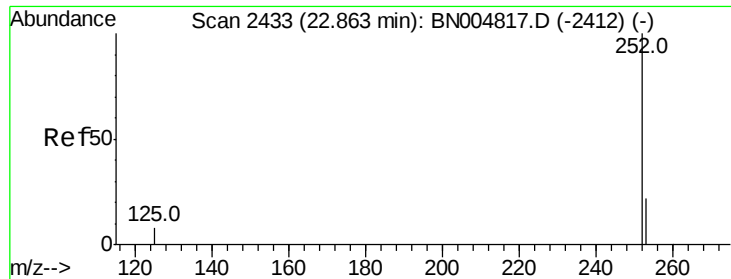


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2629
Delta R.T. -0.01 min
Lab File: BN004920.D
Acq: 23 Mar 2019 14:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	39.5	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: 0.290 ng

RT: 22.85 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

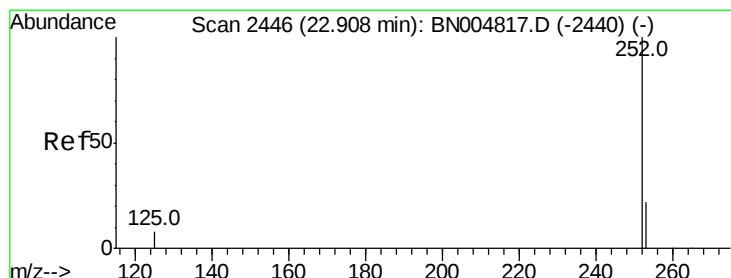
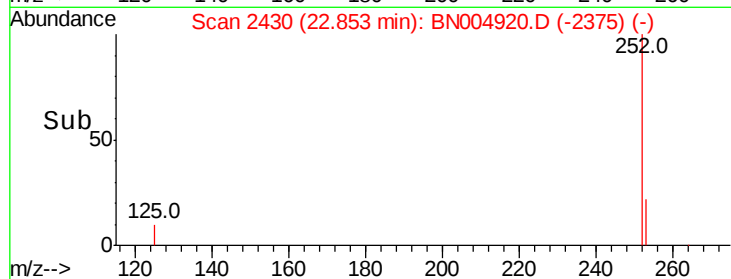
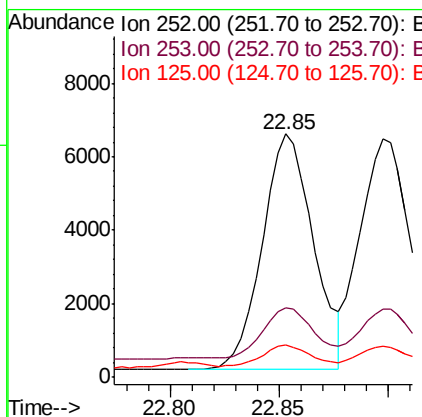
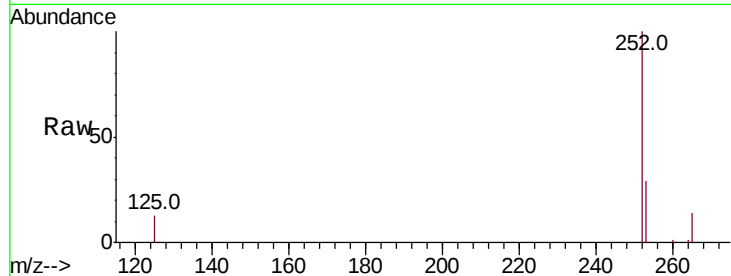
ClientSampleId :

PB118204BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.6	19.0	28.4#
125	13.3	7.4	11.2#

Manual Integrations
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3/25/2019 1:34:20 PM



#36

Benzo(k)fluoranthene

Concen: 0.292 ng

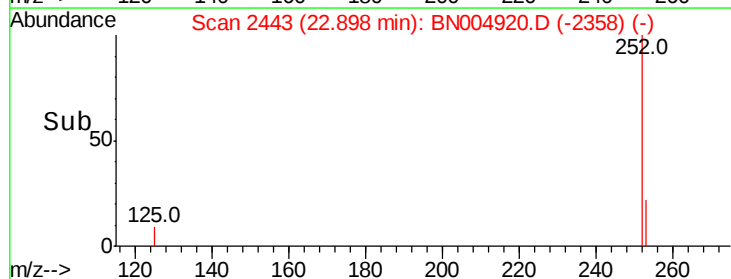
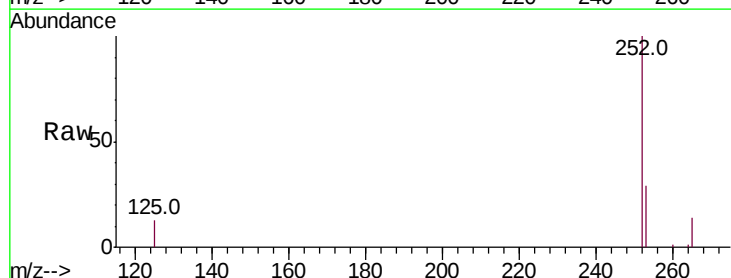
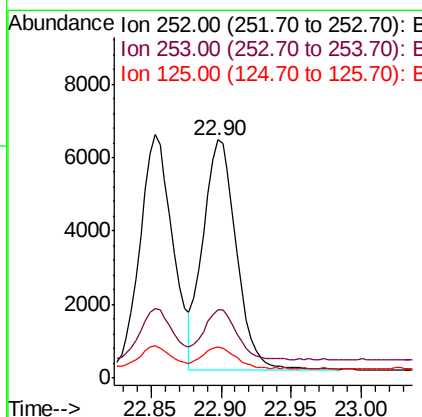
RT: 22.90 min Scan# 2443

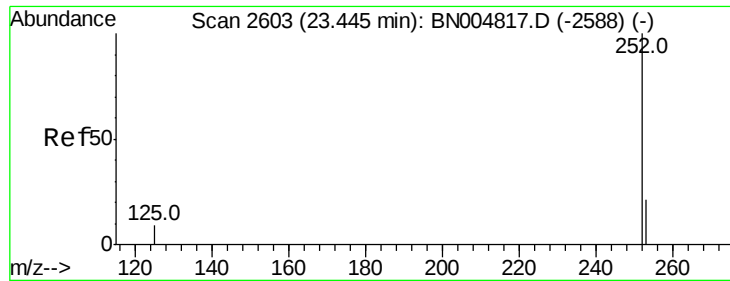
Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.7	19.3	28.9
125	13.0	7.4	11.0#





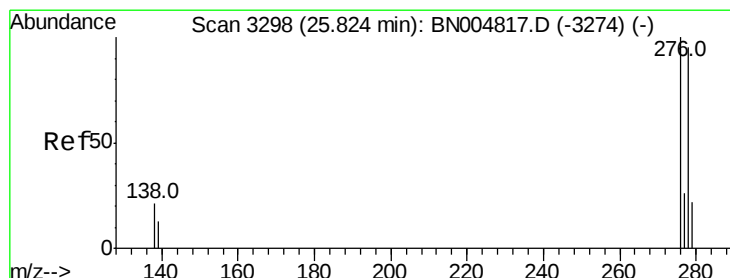
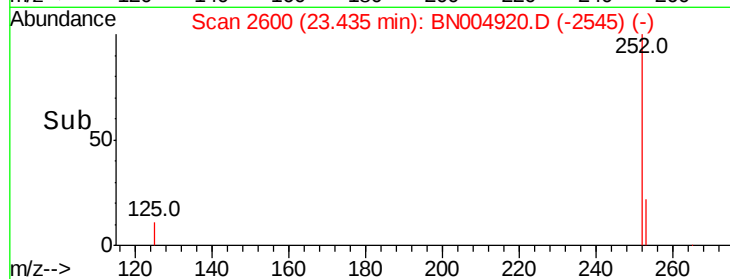
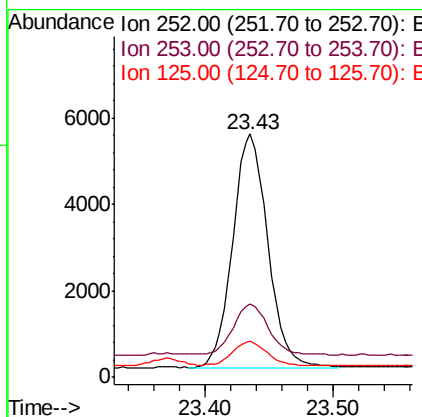
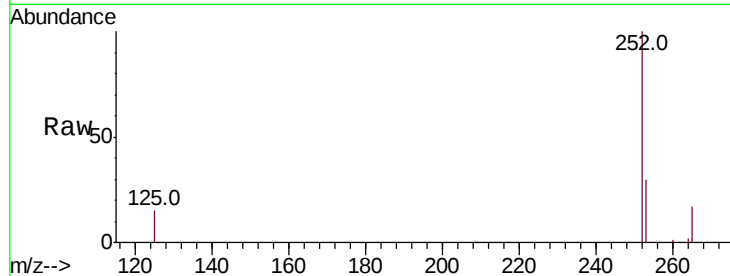
#37
Benzo(a)pyrene
Concen: 0.314 ng
RT: 23.43 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BN004920.D
Acq: 23 Mar 2019 14:58

Instrument :
BNA_N
ClientSampleId :
PB118204BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.0	19.7	29.5#
125	14.9	8.3	12.5#

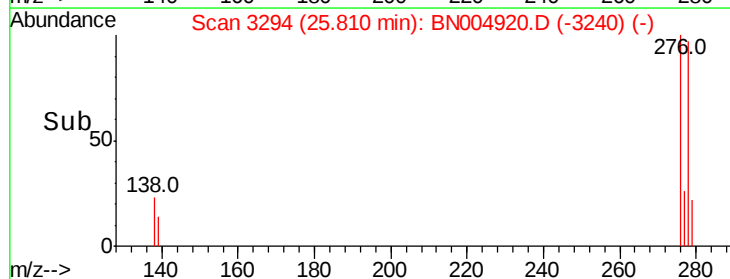
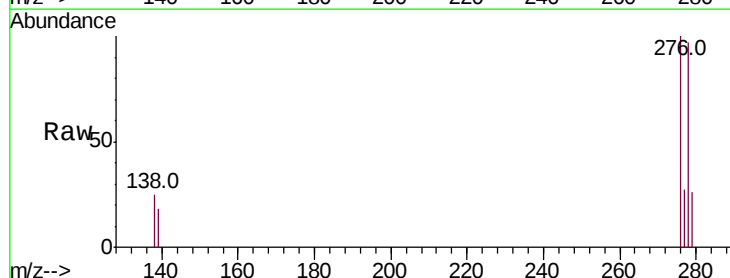
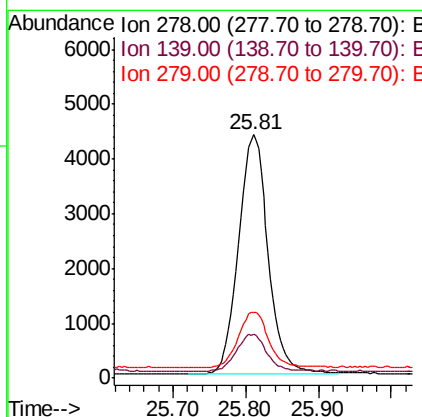
Manual Integrations
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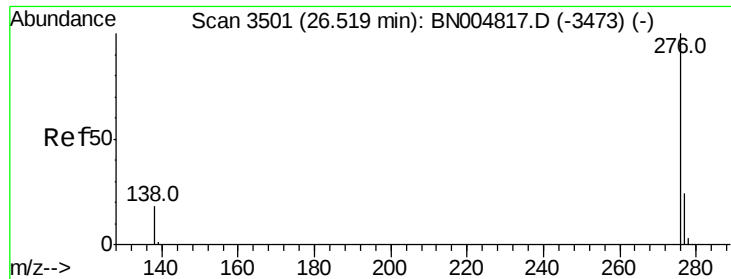
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#38
Dibenzo(a,h)anthracene
Concen: 0.326 ng
RT: 25.81 min Scan# 3294
Delta R.T. -0.01 min
Lab File: BN004920.D
Acq: 23 Mar 2019 14:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	11.7	17.5#
279	27.2	19.9	29.9





#39

Benzo(a,h,i)perylene

Concen: 0.334 ng

RT: 26.50 min Scan# 3496

Delta R.T. -0.02 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

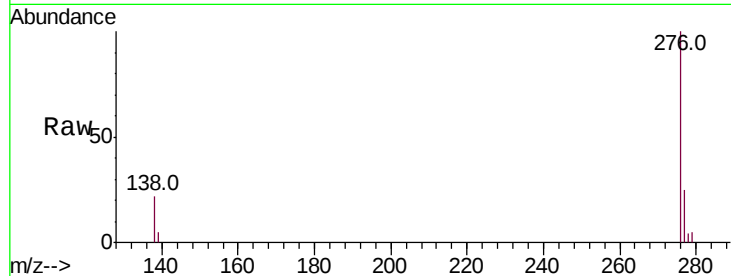
ClientSampleId :

PB118204BS

Tot Ion:	276	Resp:	12920
Ion Ratio	Lower	Upper	
276	100		
277	25.3	19.7	29.5
138	21.9	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

