

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN093019\
 Data File : BN007891.D
 Acq On : 30 Sep 2019 11:42
 Operator : JU
 Sample : PB123468BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123468BS

Manual Integrations
 APPROVED

mohammad
 10/2/2019 8:21:18 AM

Quant Time: Oct 01 07:07:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Sep 18 18:24:40 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	16938	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	66432	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	38179	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	73614	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	64185	0.40	ng	-0.01
34) Perylene-d12	23.47	264	75021	0.40	ng	-0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.31	112	4249	0.07	ng	0.00
5) Phenol-d6	6.87	99	3444	0.04	ng	0.00
8) Nitrobenzene-d5	8.83	82	9463	0.16	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	18291m	0.16	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	2376	0.11	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	24695	0.16	ng	-0.01
25) Fluoranthene-d10	19.09	212	35521	0.14	ng	-0.02
29) Terphenyl-d14	19.70	244	30874	0.20	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	1694	0.090	ng	# 76
6) bis(2-Chloroethyl)ether	7.13	93	8687	0.181	ng	94
9) Naphthalene	10.51	128	30665	0.164	ng	100
10) Hexachlorobutadiene	10.81	225	5646	0.144	ng	# 99
12) 2-Methylnaphthalene	12.13	142	20436	0.162	ng	100
16) Acenaphthylene	14.02	152	29713	0.147	ng	100
17) Acenaphthene	14.38	154	18845	0.144	ng	97
18) Fluorene	15.36	166	23406	0.140	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	7852	0.176	ng	# 72
21) Hexachlorobenzene	16.38	284	7822	0.160	ng	99
22) Pentachlorophenol	16.72	266	3219	0.179	ng	99
23) Phenanthrene	17.10	178	38298	0.167	ng	100
24) Anthracene	17.19	178	33205	0.160	ng	99
26) Fluoranthene	19.12	202	39775	0.139	ng	100
28) Pyrene	19.49	202	40033	0.183	ng	99
30) Benzo(a)anthracene	21.24	228	36923	0.156	ng	99
31) Chrysene	21.29	228	36675	0.159	ng	100
32) Bis(2-ethylhexyl)phthalate	21.19	149	18709	0.154	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	49495	0.172	ng	100
35) Benzo(b)fluoranthene	22.81	252	40132	0.154	ng	99
36) Benzo(k)fluoranthene	22.85	252	40997	0.159	ng	99
37) Benzo(a)pyrene	23.38	252	39420	0.161	ng	98
38) Dibenzo(a,h)anthracene	25.70	278	40529	0.162	ng	99
39) Benzo(g,h,i)perylene	26.35	276	42243	0.170	ng	99

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

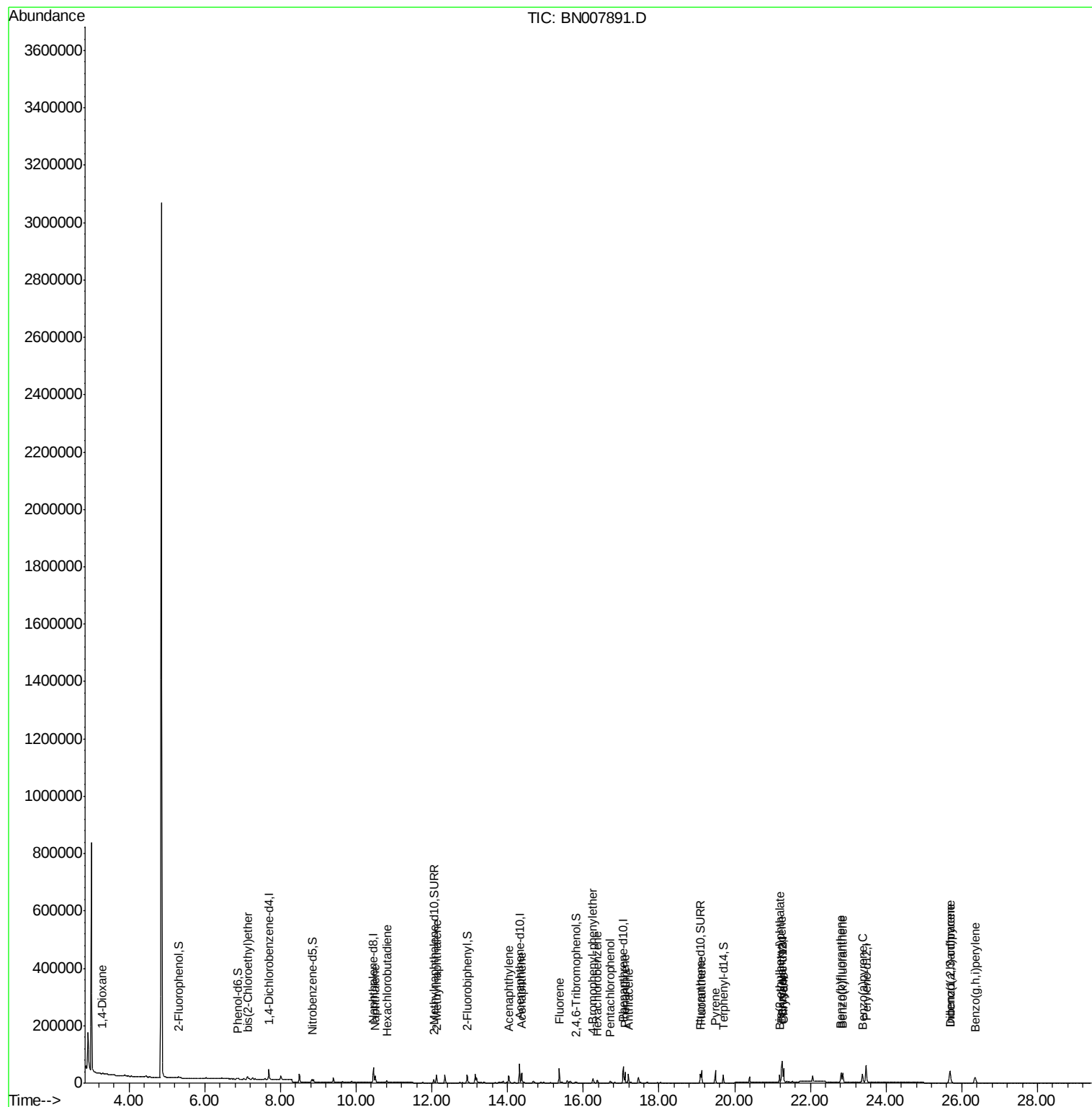
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN093019\
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QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 604

Delta R.T. -0.01 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

Instrument :

BNA_N

ClientSampleId :

PB123468BS

Tot Ion:152 Resp: 16938

Ion Ratio Lower Upper

152 100

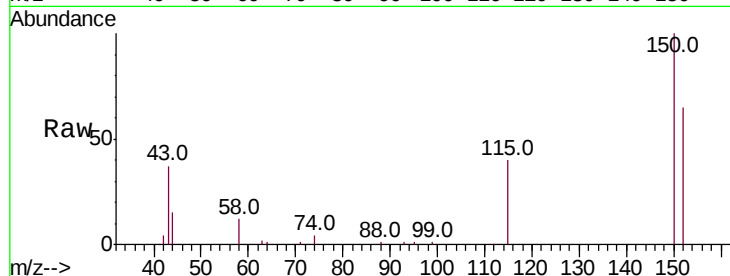
150 154.2 125.6 188.4

115 62.1 53.3 79.9

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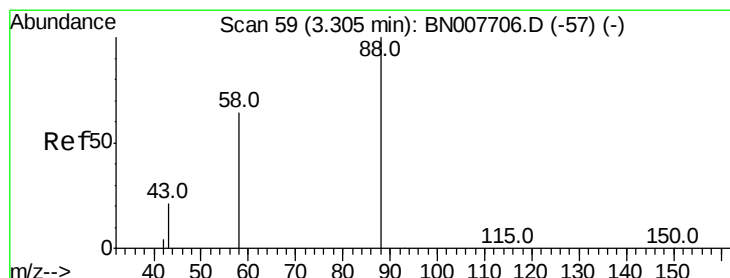
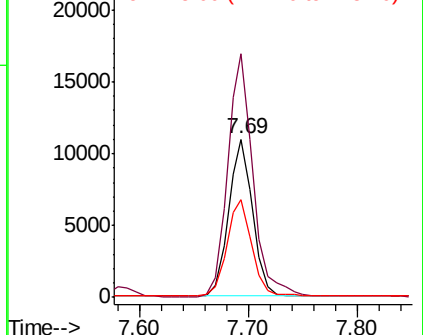
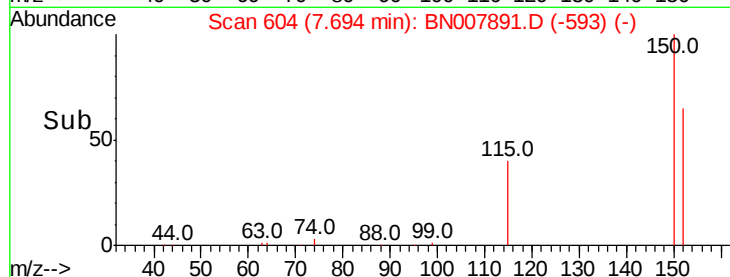
10/2/2019 8:21:18 AM



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: 0.090 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

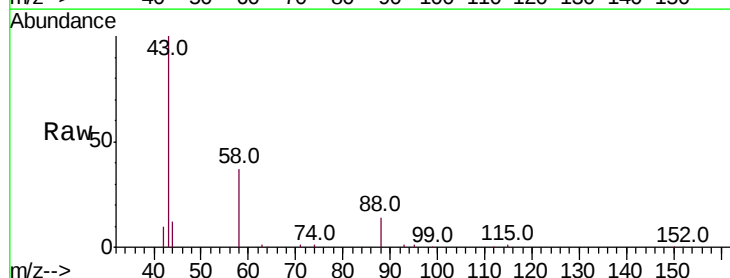
Tgt Ion: 88 Resp: 1694

Ion Ratio Lower Upper

88 100

58 68.9 44.6 66.8#

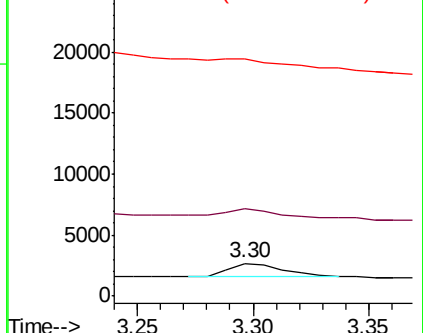
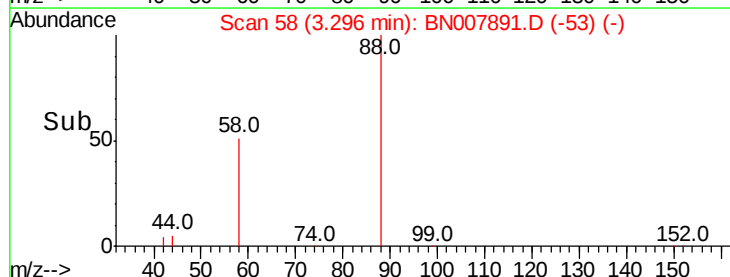
43 0.0 14.4 21.6#

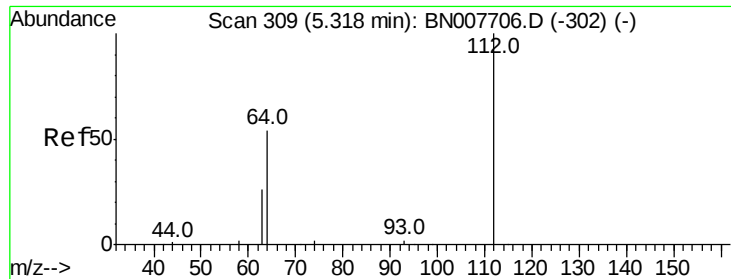


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.073 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

Instrument :

BNA_N

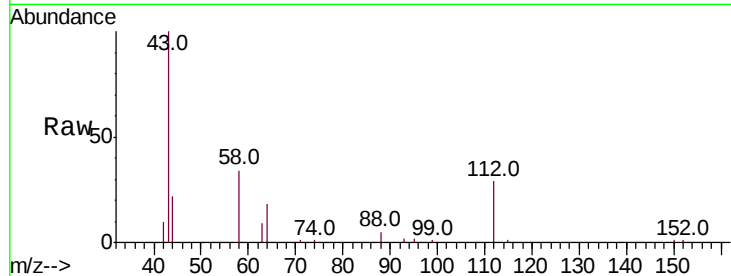
ClientSampleId :

PB123468BS

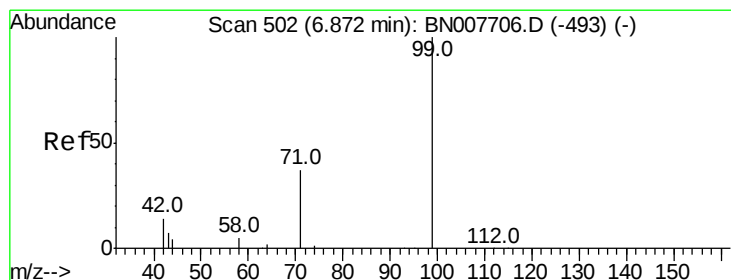
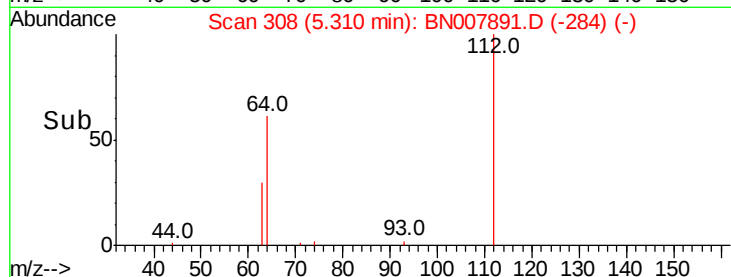
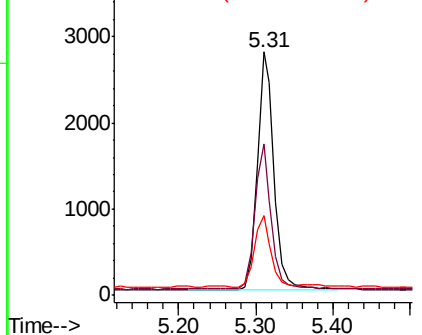
Tot Ion:	112	Resp:	4249
Ion Ratio	Lower	Upper	
112	100		
64	58.9	46.6	70.0
63	28.6	23.1	34.7

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Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.042 ng

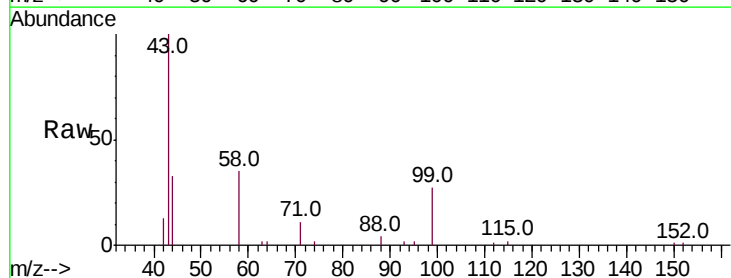
RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

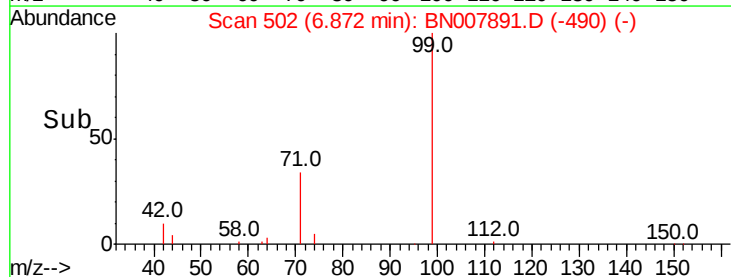
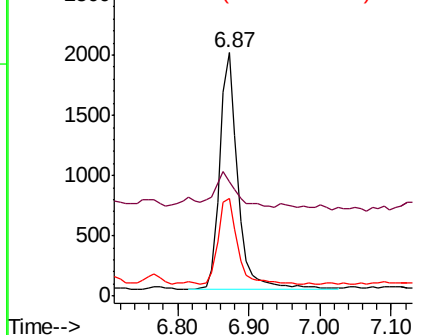
Lab File: BN007891.D

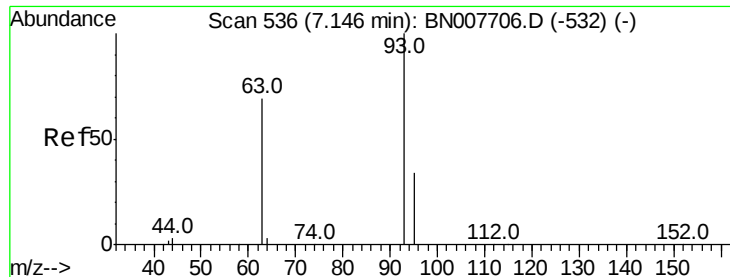
Acq: 30 Sep 2019 11:42

Tgt Ion:	99	Resp:	3444
Ion Ratio	Lower	Upper	
99	100		
42	17.9	12.8	19.2
71	38.2	27.6	41.4



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC





#6

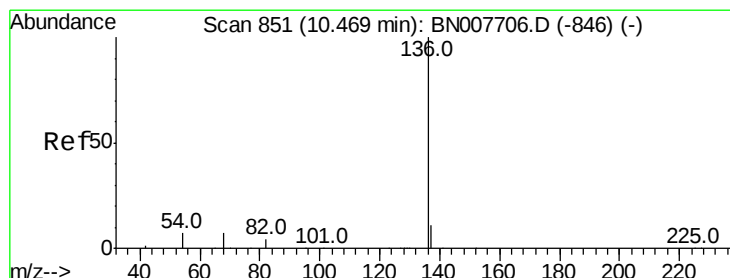
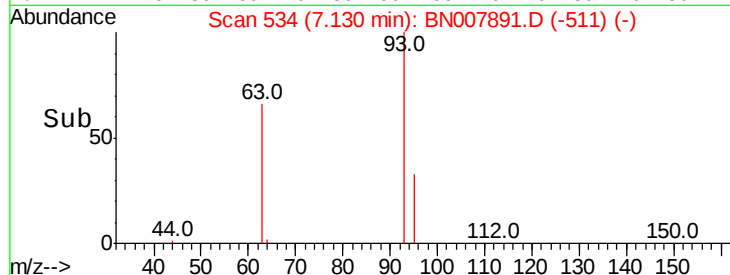
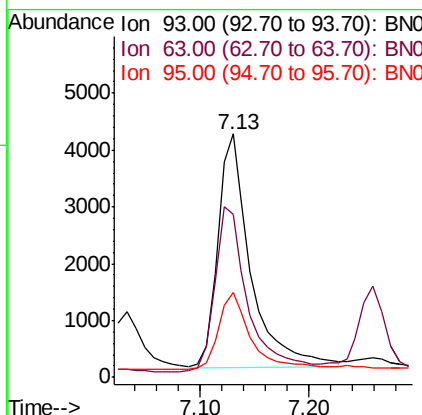
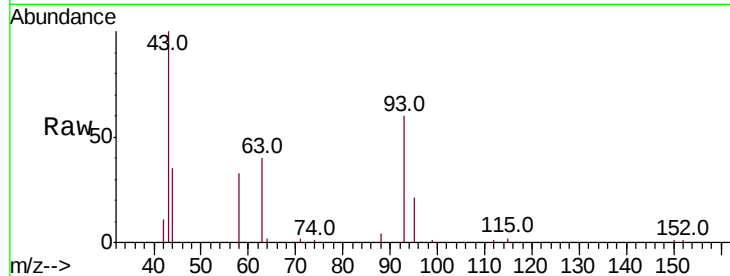
bis(2-Chloroethyl)ether
Concen: 0.181 ng
RT: 7.13 min Scan# 534
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tot Ion:	93	Resp:	8687
Ion	Ratio	Lower	Upper
93	100		
63	71.1	59.3	88.9
95	33.0	31.4	47.0

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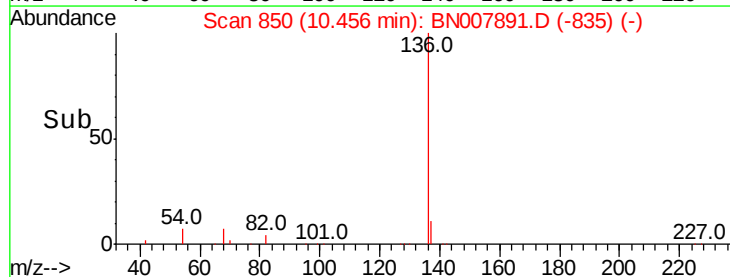
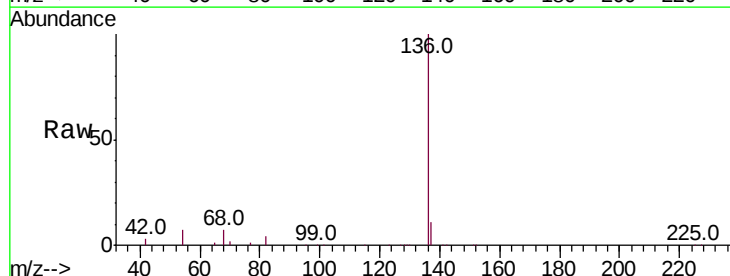
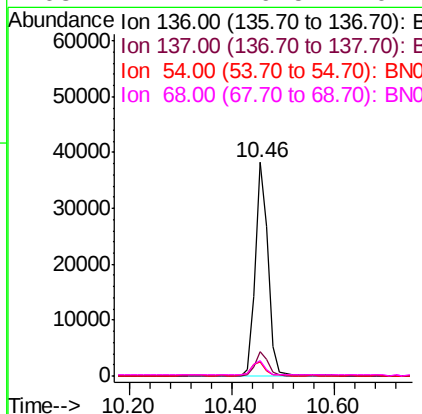
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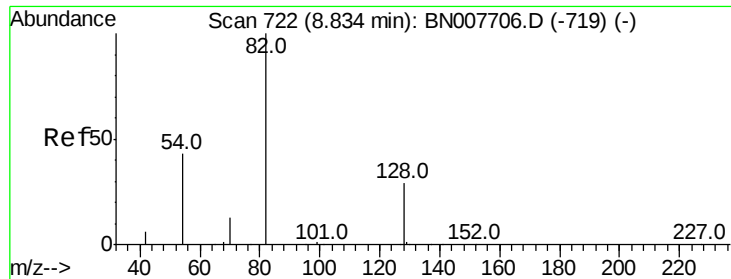


#7

Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion:	136	Resp:	66432
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.9	5.8	8.8
68	7.4	6.5	9.7





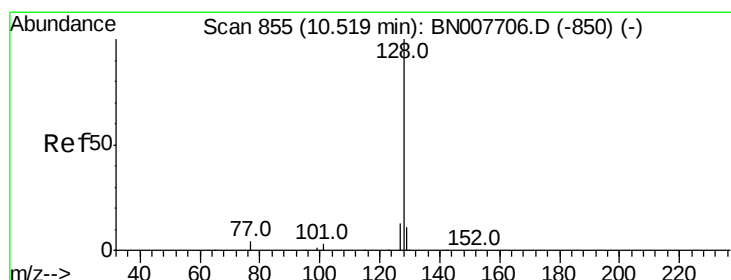
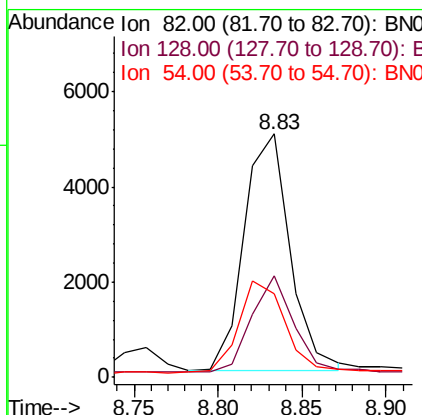
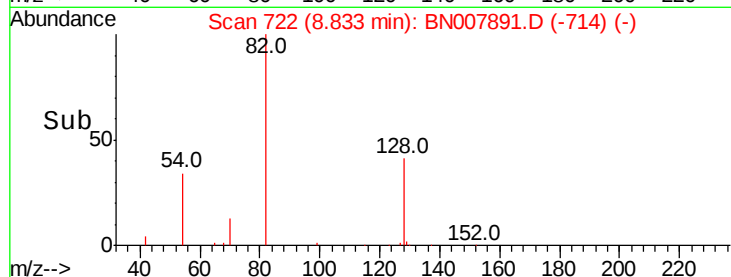
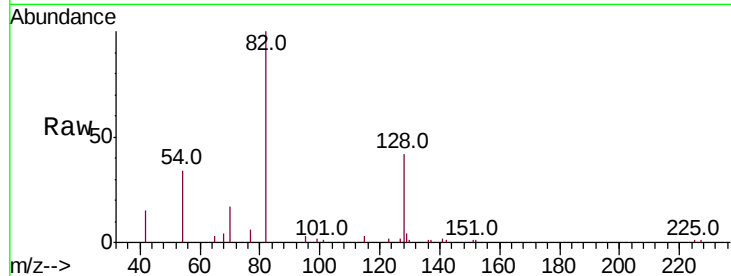
#8
Nitrobenzene-d5
Concen: 0.163 ng
RT: 8.83 min Scan# 722
Delta R.T. -0.00 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	24.5	36.7#
54	34.5	35.2	52.8#

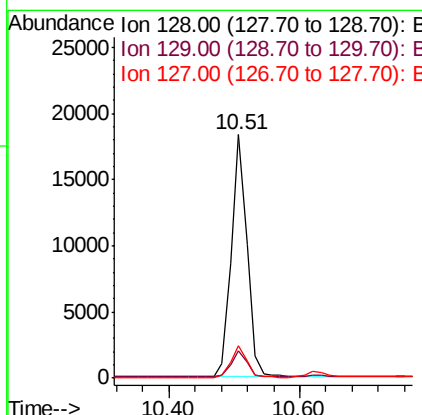
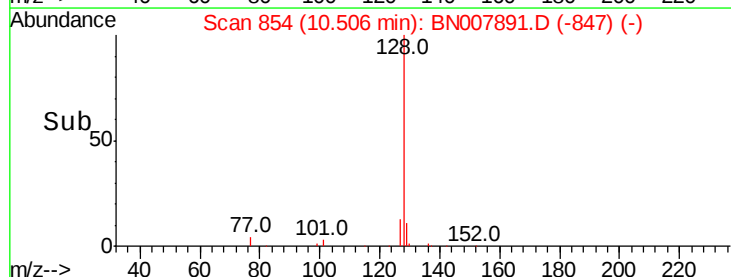
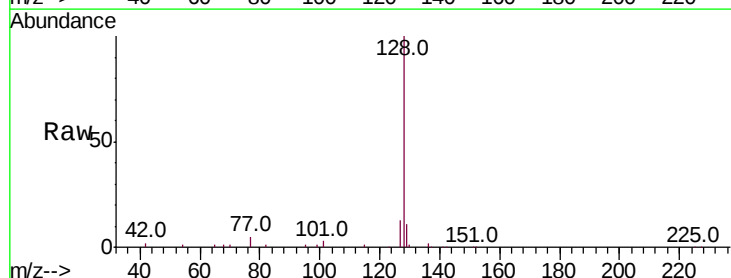
Manual Integrations
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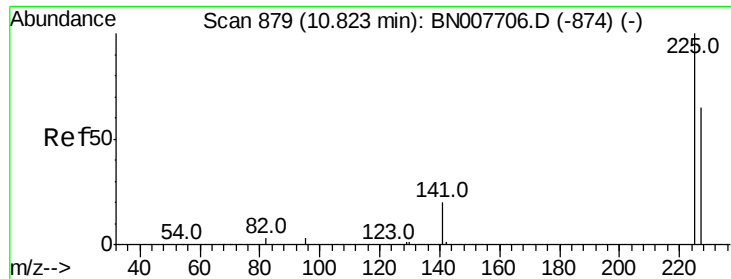
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#9
Naphthalene
Concen: 0.164 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.3	10.6	15.8





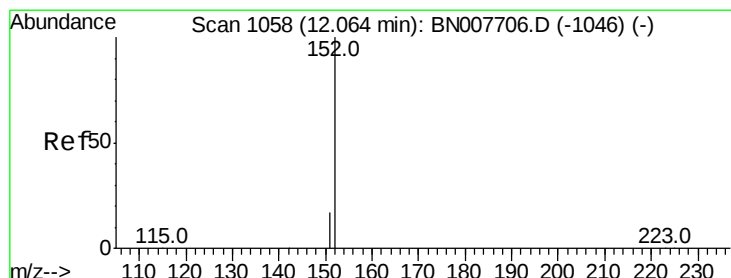
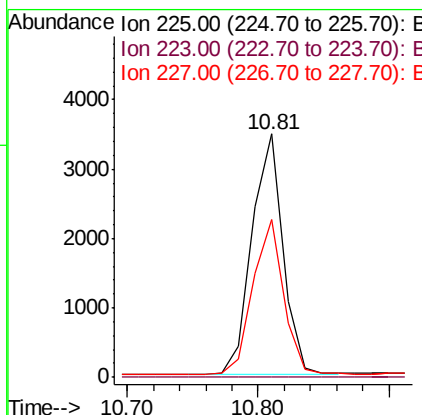
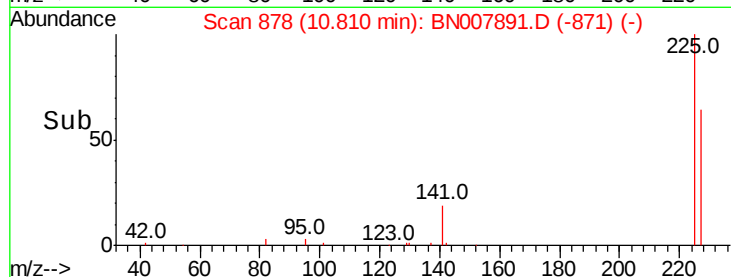
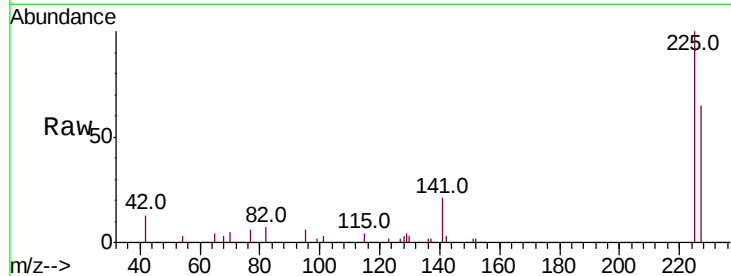
#10
Hexachlorobutadiene
Concen: 0.144 ng
RT: 10.81 min Scan# 878
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tot Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	51.2	76.8

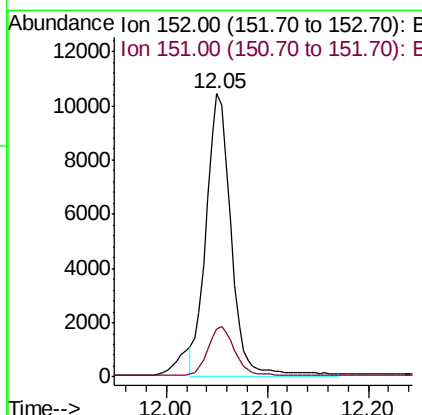
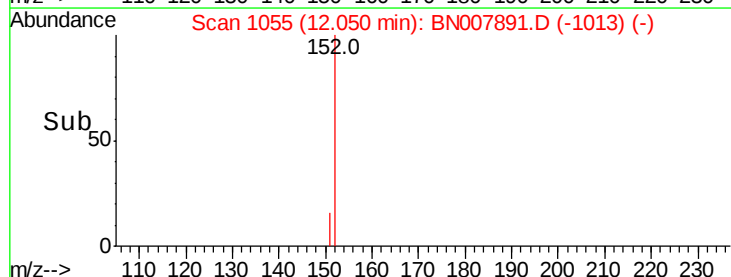
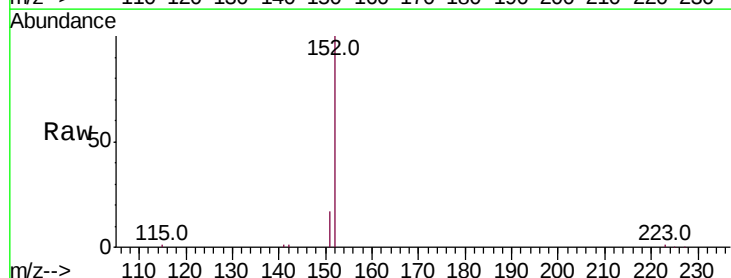
Manual Integrations
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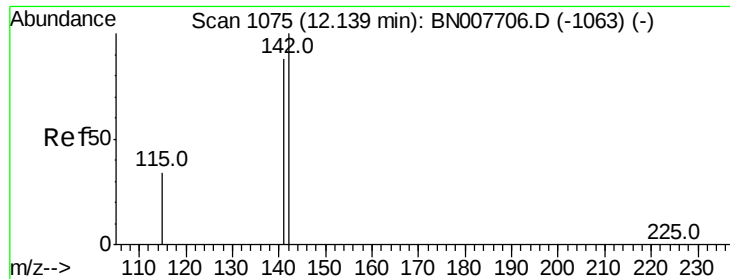
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#11
2-Methylnaphthalene-d10
Concen: 0.163 ng m
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	17.8	15.4	23.2





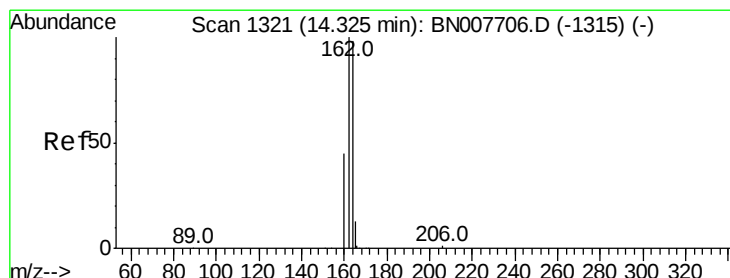
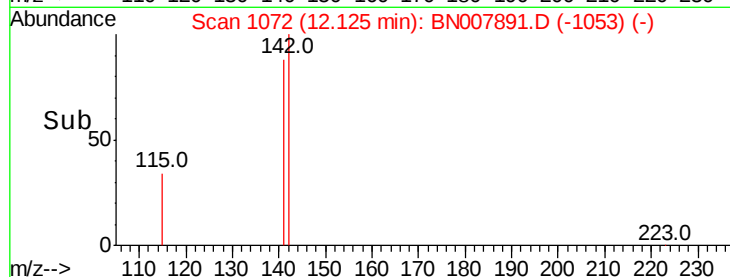
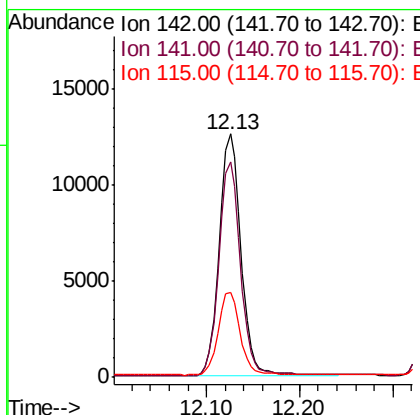
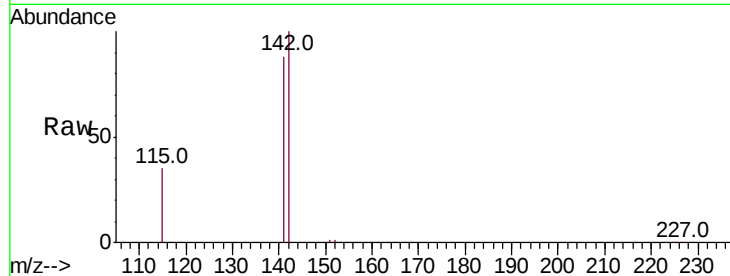
#12
2-Methylnaphthalene
Concen: 0.162 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.6	106.0
115	35.0	28.3	42.5

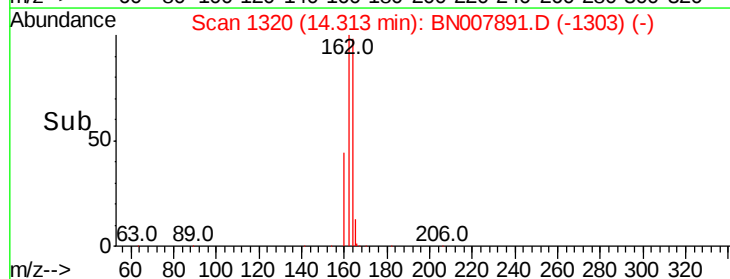
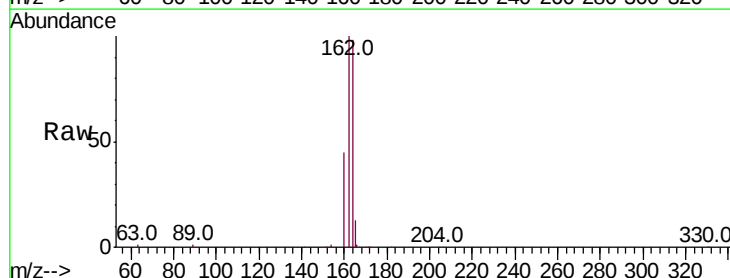
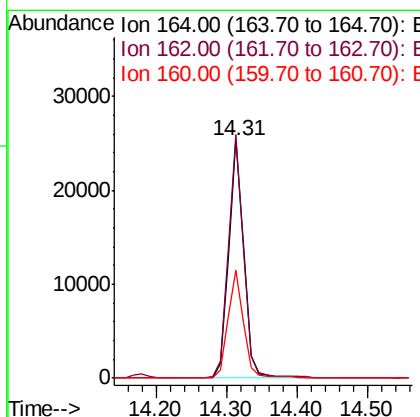
Manual Integrations
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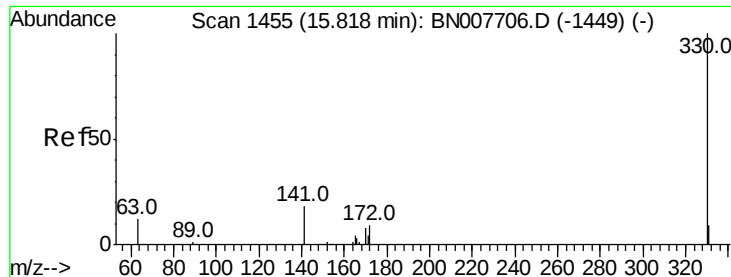
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.7	122.5
160	45.5	37.0	55.4





#14

2,4,6-Tribromophenol

Concen: 0.114 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

Instrument :

BNA_N

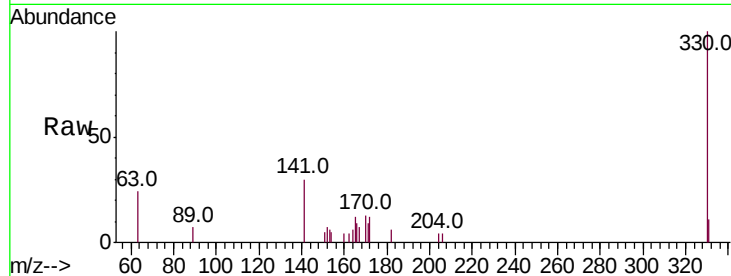
ClientSampleId :

PB123468BS

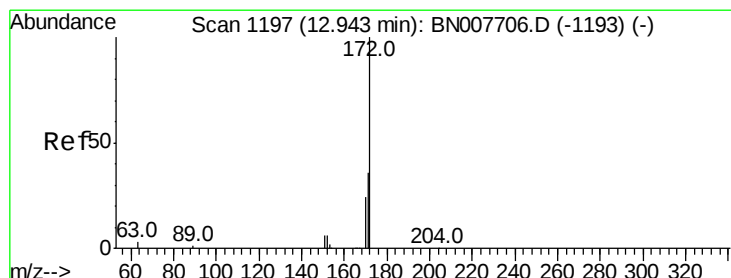
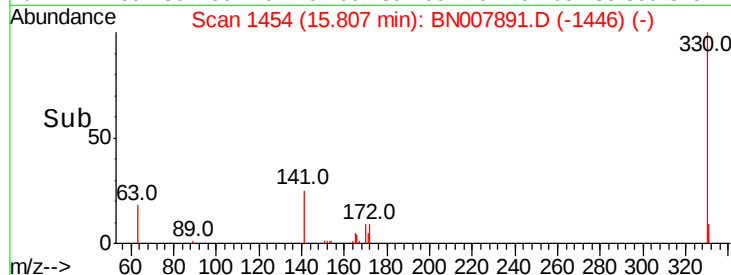
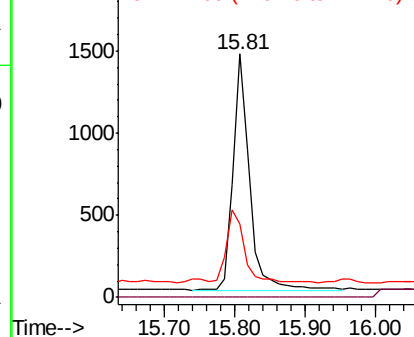
Tot Ion:	330	Resp:	2376
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	33.8	28.7	43.1

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Abundance Ion 330.00 (329.70 to 330.70): E
2000 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#15

2-Fluorobiphenyl

Concen: 0.157 ng

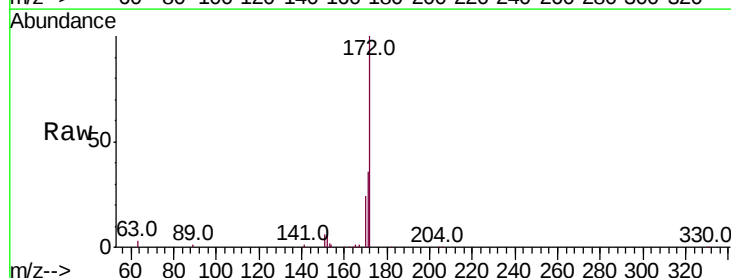
RT: 12.93 min Scan# 1196

Delta R.T. -0.01 min

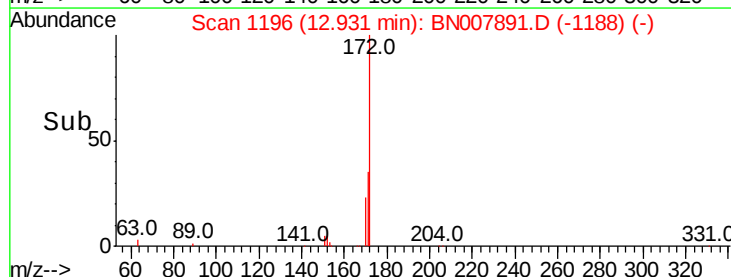
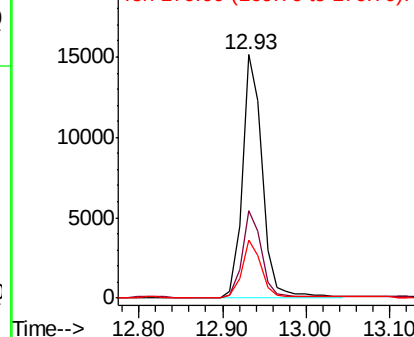
Lab File: BN007891.D

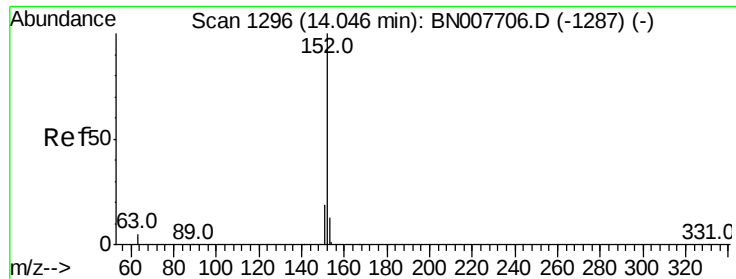
Acq: 30 Sep 2019 11:42

Tgt Ion:	172	Resp:	24695
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.8	43.2
170	23.6	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
20000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





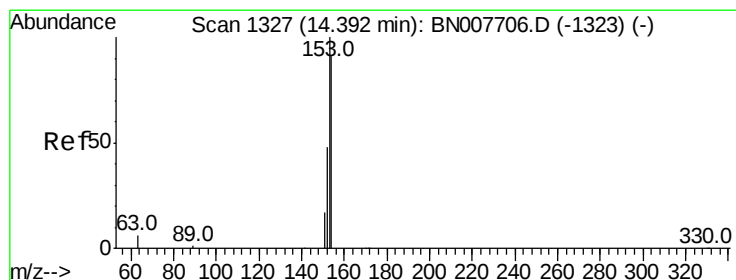
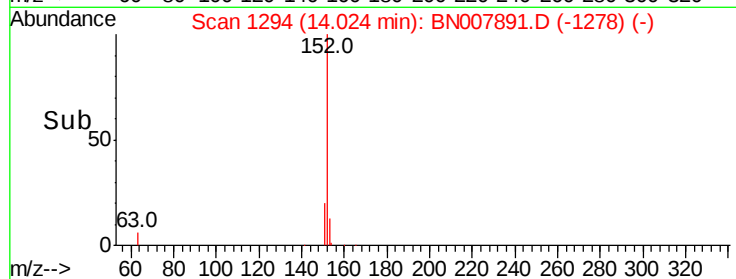
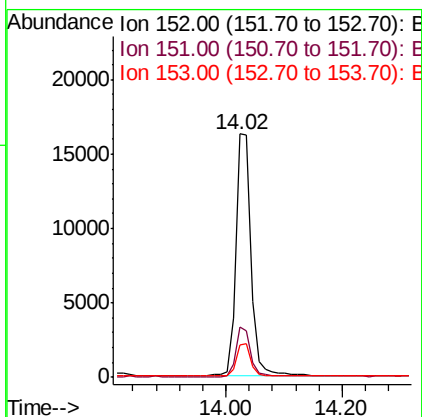
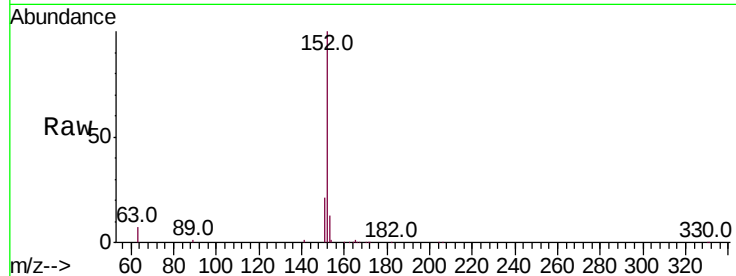
#16
Acenaphthylene
Concen: 0.147 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	12.9	10.4	15.6

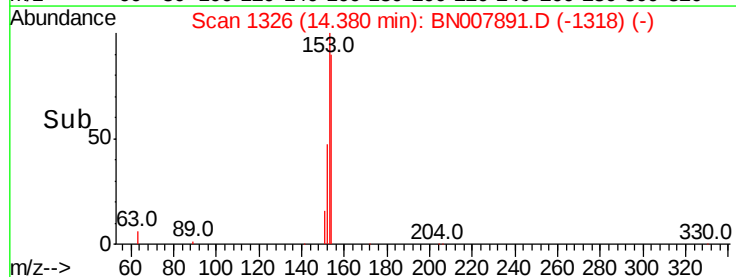
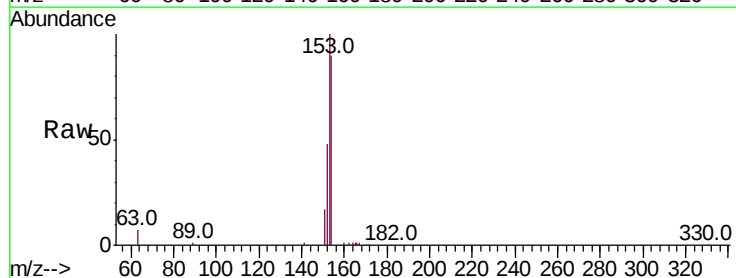
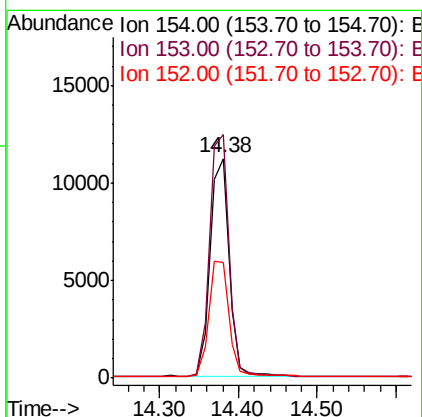
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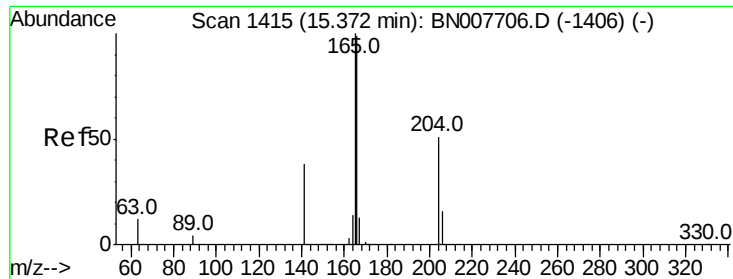
mohammad
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#17
Acenaphthene
Concen: 0.144 ng
RT: 14.38 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	87.0	130.4
152	55.0	42.7	64.1





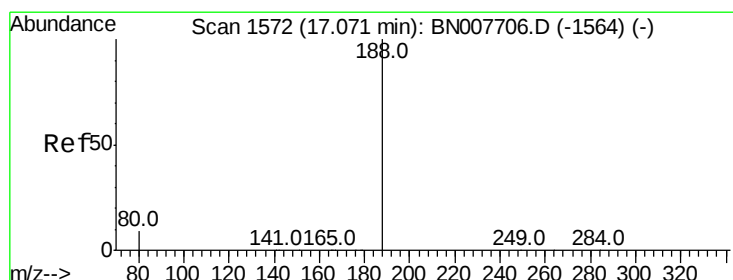
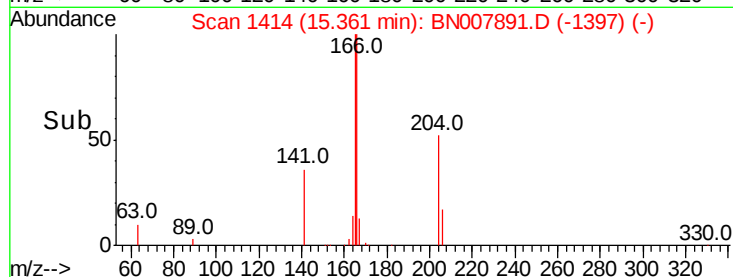
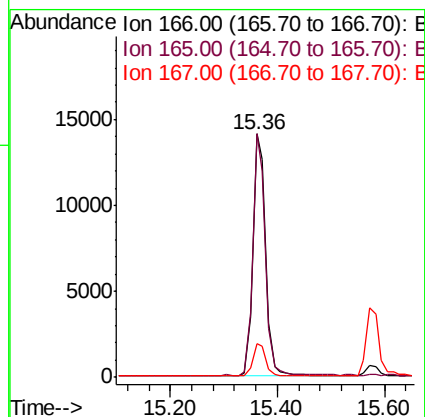
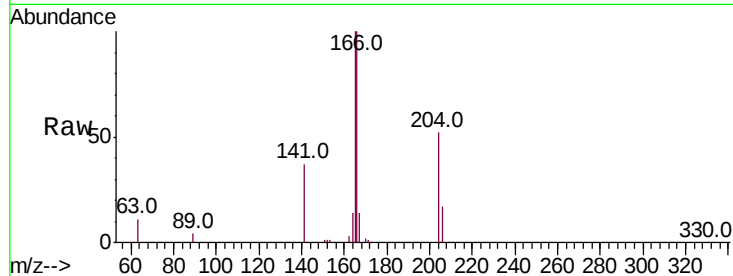
#18
Fluorene
Concen: 0.140 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.0	117.0
167	13.7	10.9	16.3

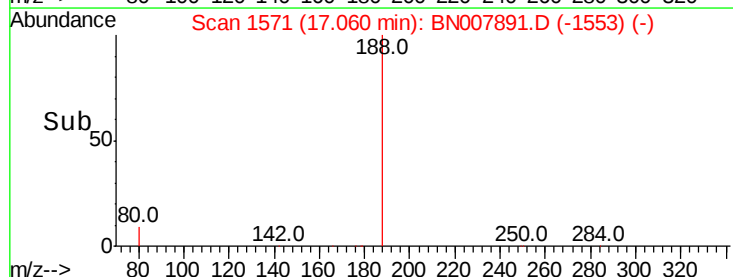
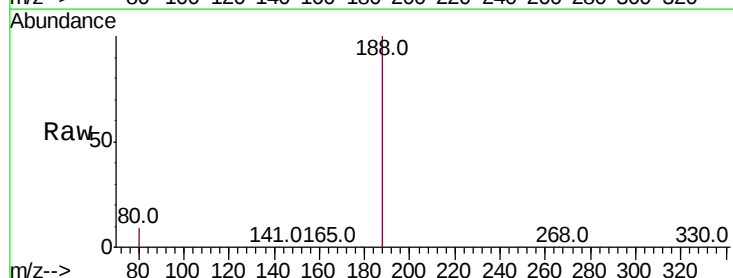
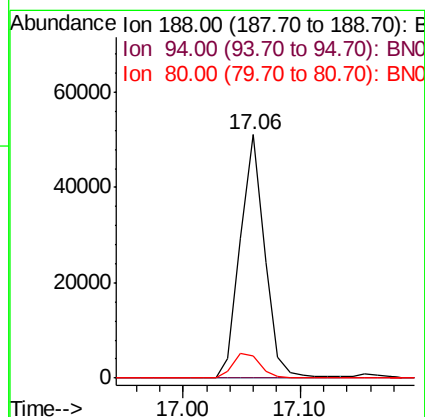
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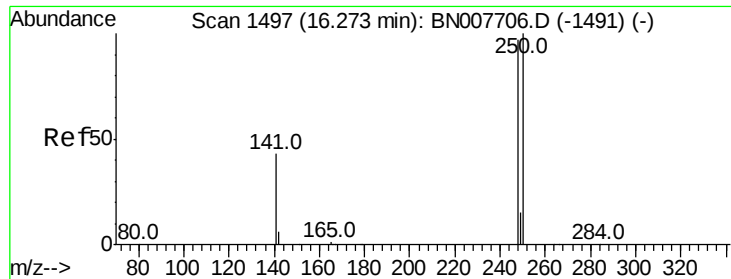
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.4	11.2





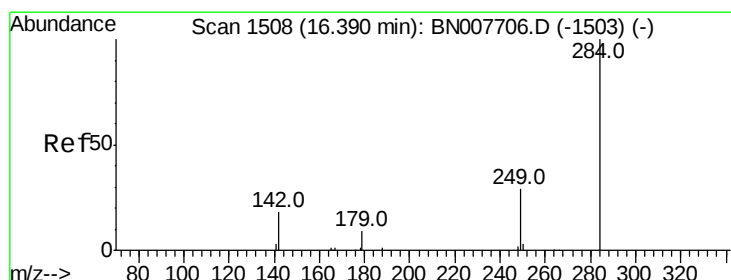
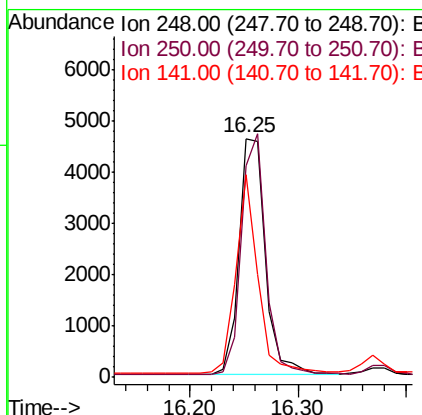
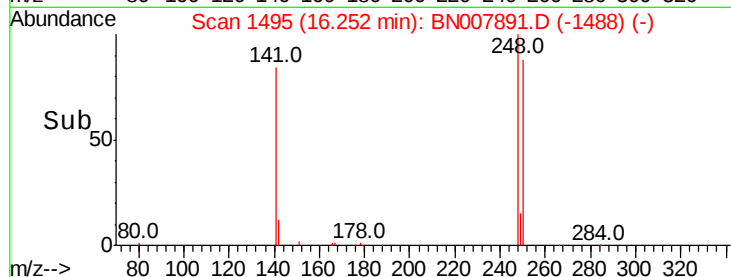
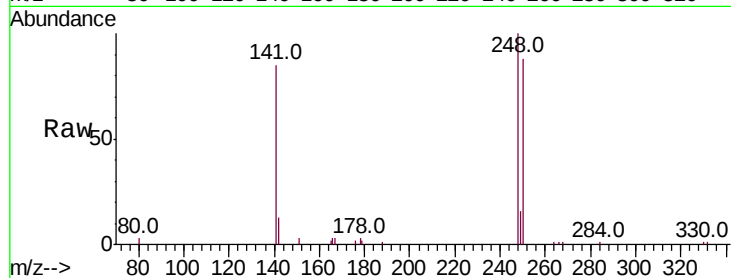
#20
4-Bromophenyl-phenylether
Concen: 0.176 ng
RT: 16.25 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	88.3	82.2	123.4
141	84.8	36.3	54.5

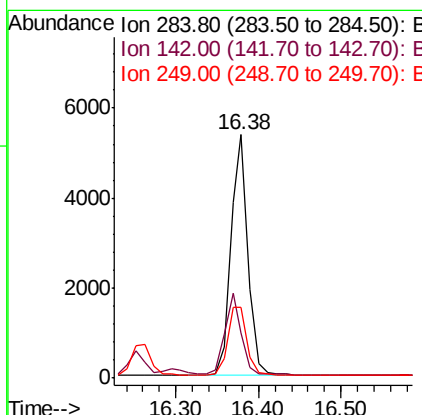
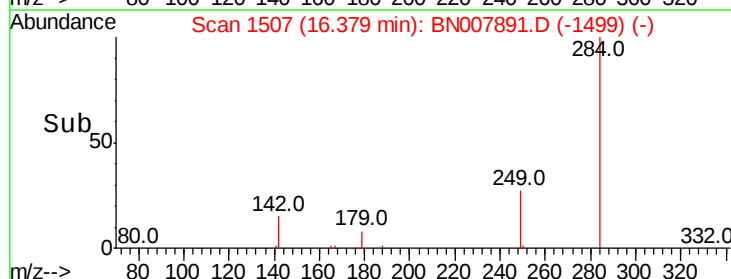
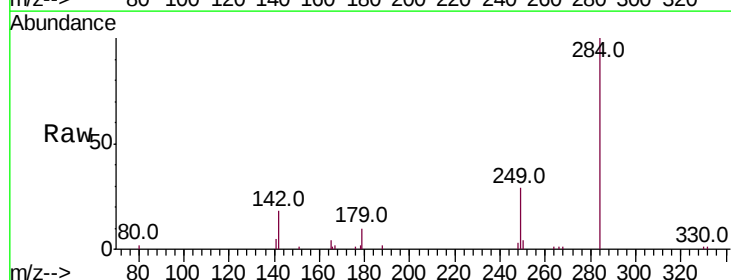
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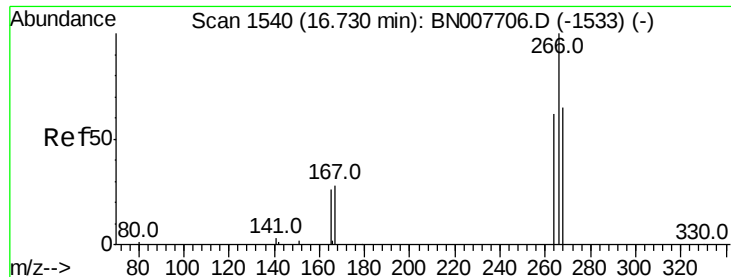
mohammad
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#21
Hexachlorobenzene
Concen: 0.160 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.8	38.6
249	31.8	25.9	38.9





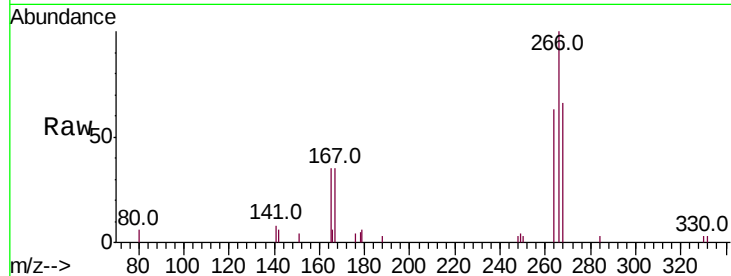
#22
 Pentachlorophenol
 Concen: 0.179 ng
 RT: 16.72 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BN007891.D
 Acq: 30 Sep 2019 11:42

Instrument :
 BNA_N
 ClientSampleId :
 PB123468BS

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.0	75.0
268	66.5	54.2	81.4

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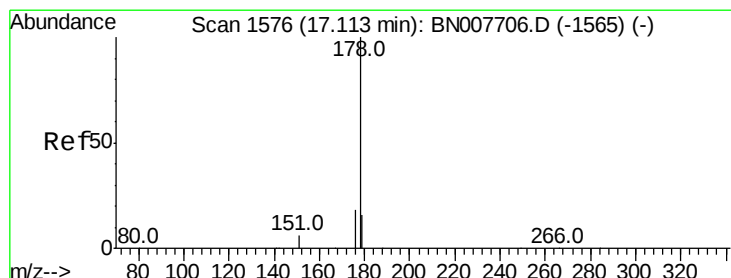
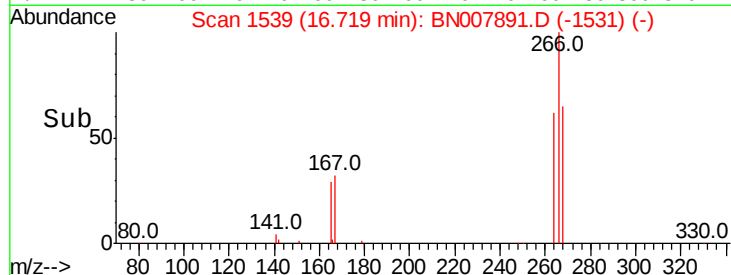
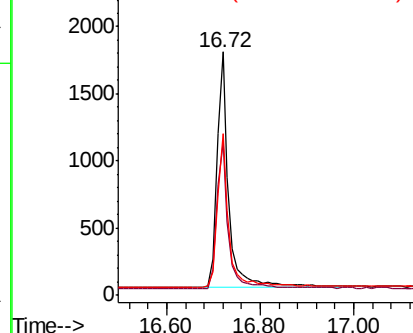


Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23
 Phenanthrene
 Concen: 0.167 ng
 RT: 17.10 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BN007891.D
 Acq: 30 Sep 2019 11:42

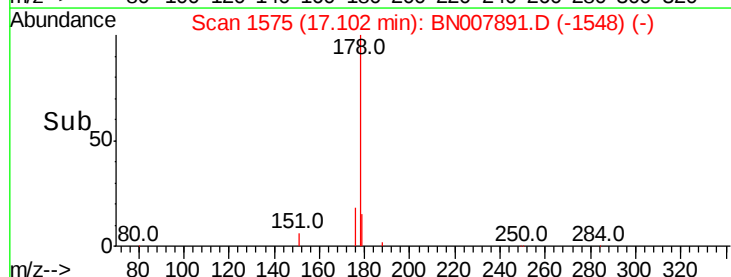
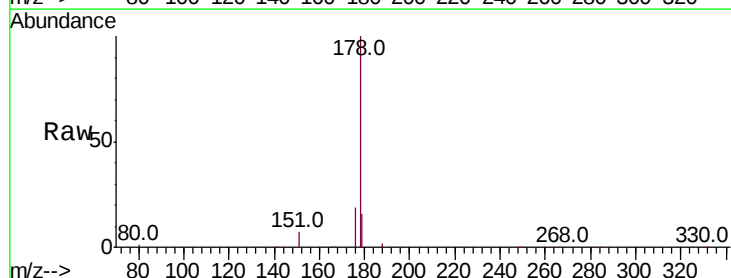
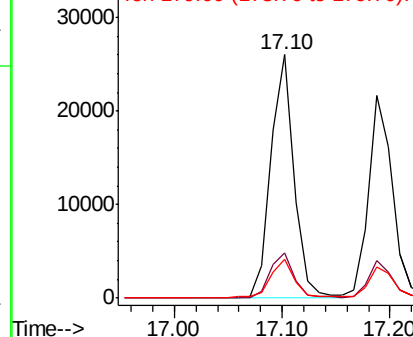
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.6	12.5	18.7

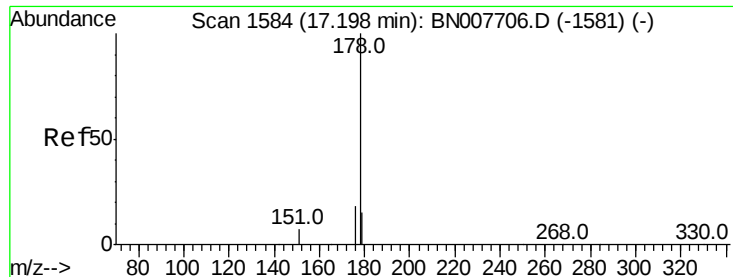
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





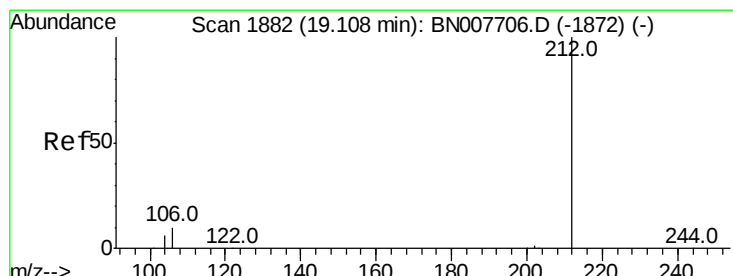
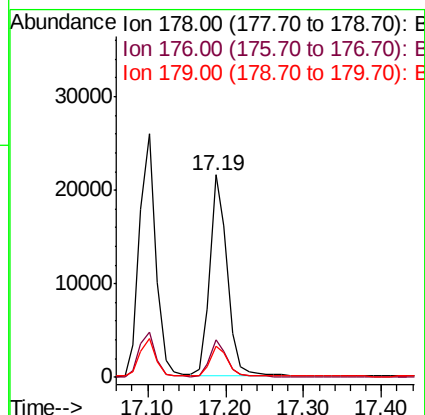
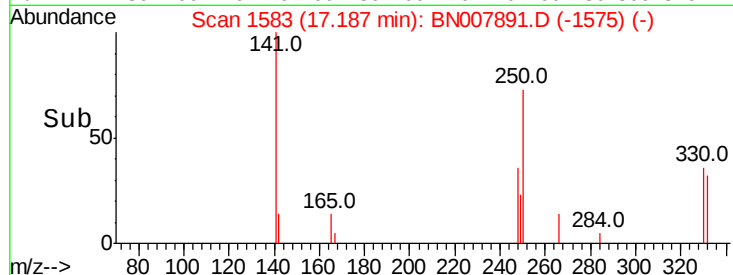
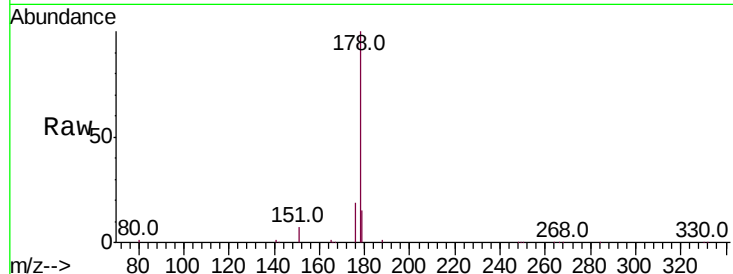
#24
 Anthracene
 Concen: 0.160 ng
 RT: 17.19 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BN007891.D
 Acq: 30 Sep 2019 11:42

Instrument :
 BNA_N
 ClientSampleId :
 PB123468BS

Tot Ion:	178	Resp:	33205
Ion Ratio	Lower	Upper	
178	100		
176	17.9	14.6	21.8
179	15.0	12.2	18.4

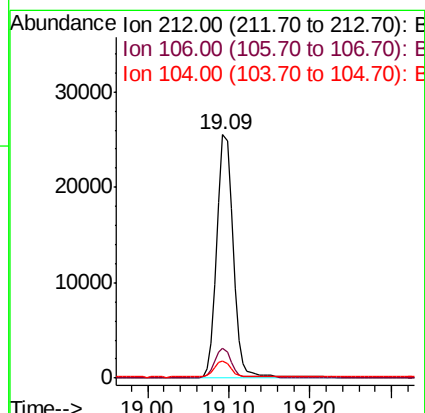
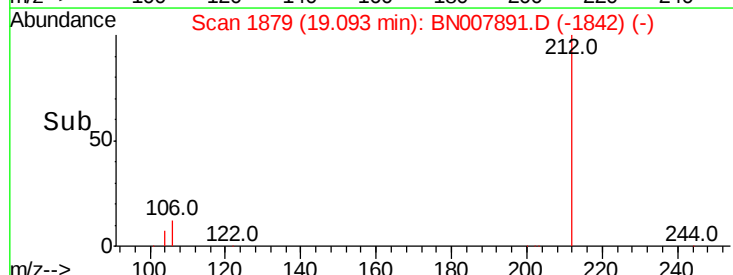
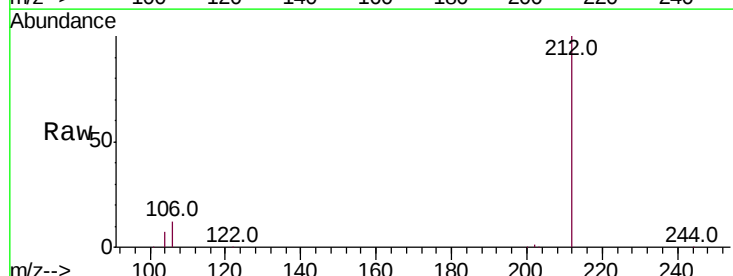
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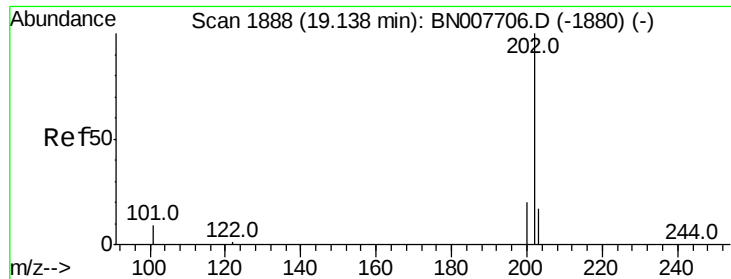
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#25
 Fluoranthene-d10
 Concen: 0.143 ng
 RT: 19.09 min Scan# 1879
 Delta R.T. -0.02 min
 Lab File: BN007891.D
 Acq: 30 Sep 2019 11:42

Tgt Ion:	212	Resp:	35521
Ion Ratio	Lower	Upper	
212	100		
106	11.8	9.4	14.0
104	6.9	5.3	7.9





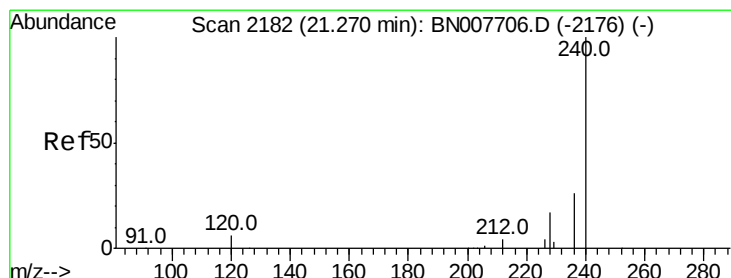
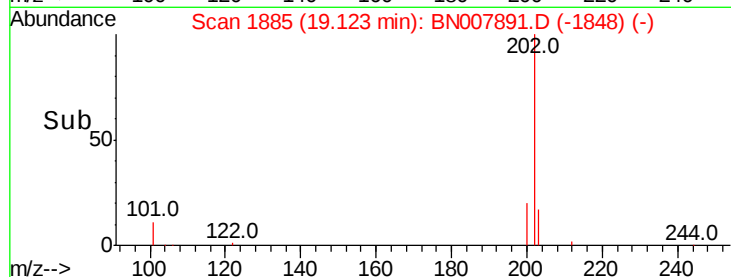
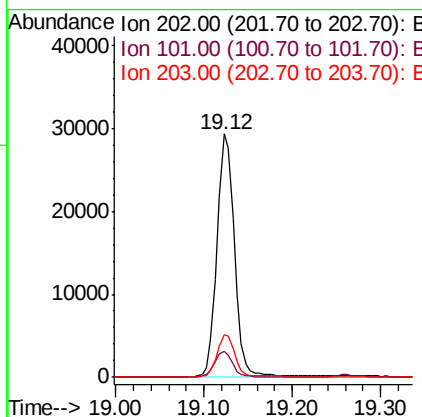
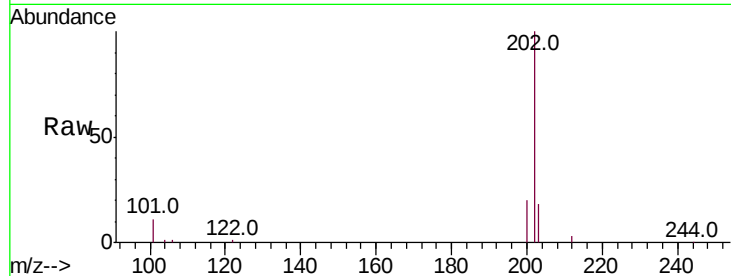
#26
 Fluoranthene
 Concen: 0.139 ng
 RT: 19.12 min Scan# 1885
 Delta R.T. -0.02 min
 Lab File: BN007891.D
 Acq: 30 Sep 2019 11:42

Instrument :
 BNA_N
 ClientSampleId :
 PB123468BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	39775		
101	10.7		8.4	12.6
203	17.1		13.8	20.8

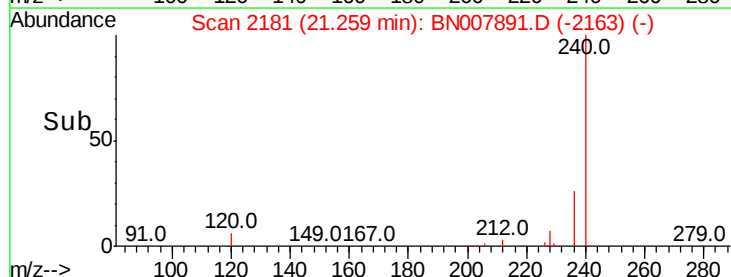
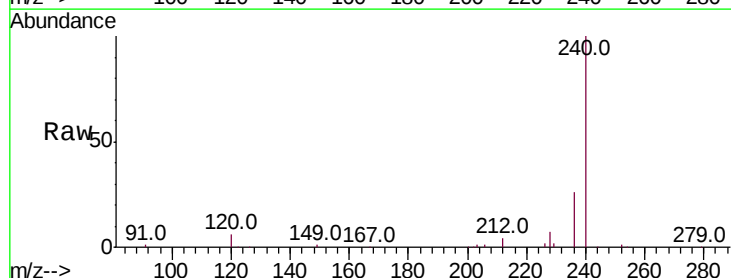
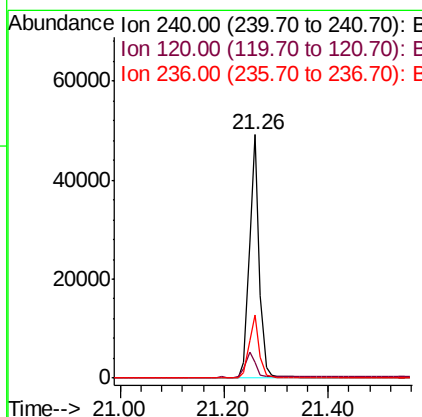
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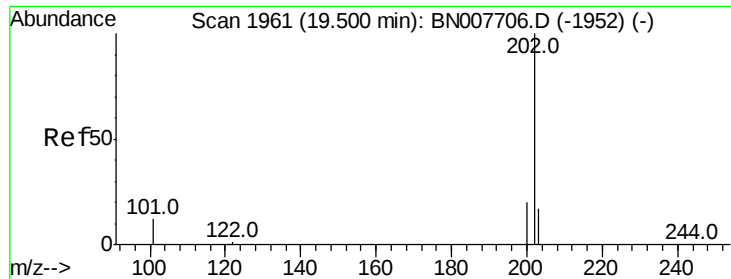
mohammad
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.26 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN007891.D
 Acq: 30 Sep 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	64185		
120	6.4		5.4	8.2
236	26.0		21.0	31.4





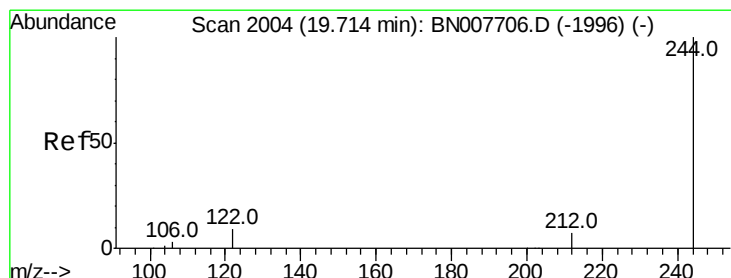
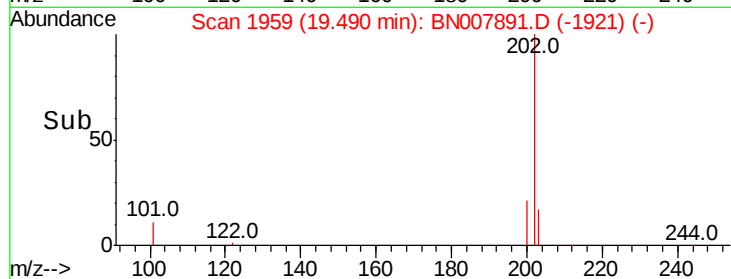
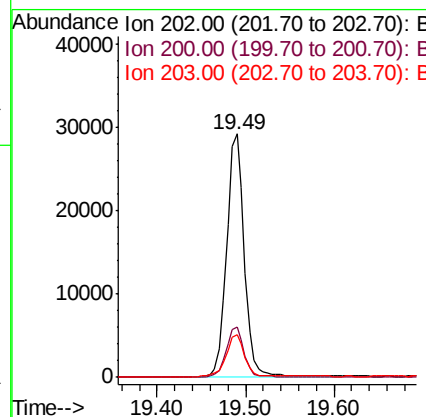
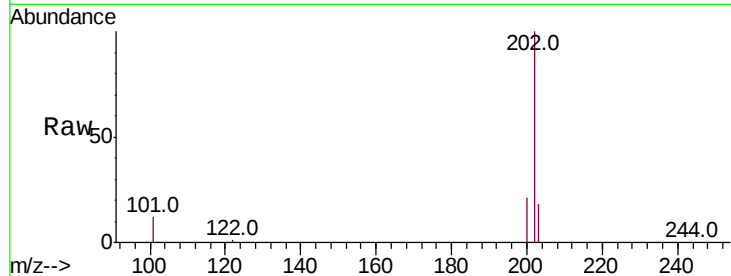
#28
Pvrene
Concen: 0.183 ng
RT: 19.49 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	40033		
200	20.6		16.4	24.6
203	18.0		14.1	21.1

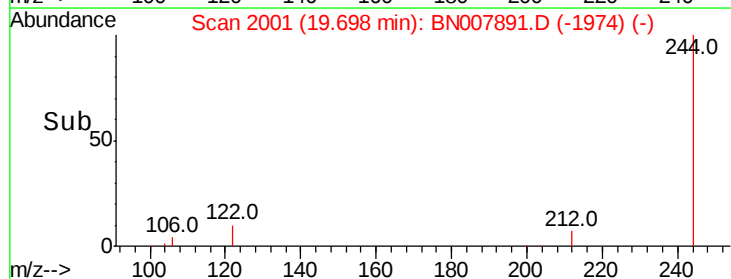
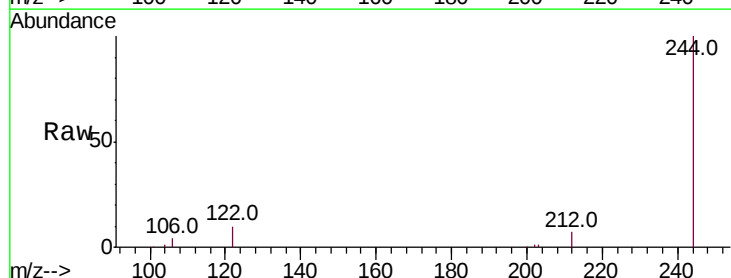
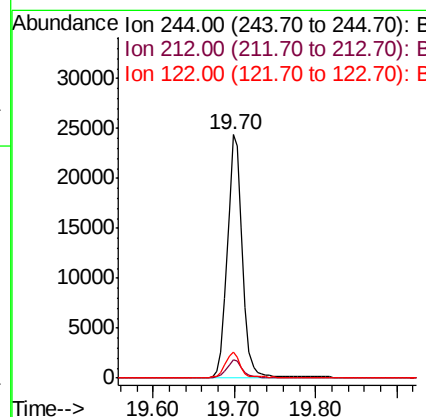
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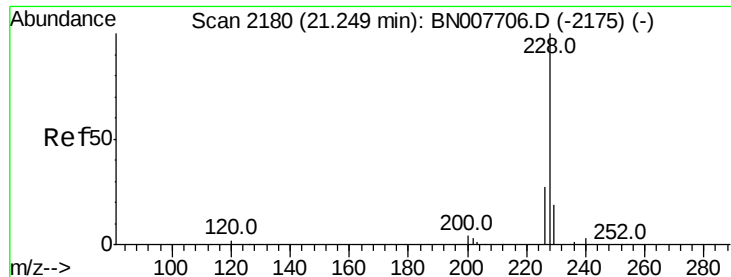
mohammad
10/2/2019 8:21:18 AM



#29
Terphenyl-d14
Concen: 0.196 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	30874		
212	7.3		5.9	8.9
122	10.5		7.4	11.2





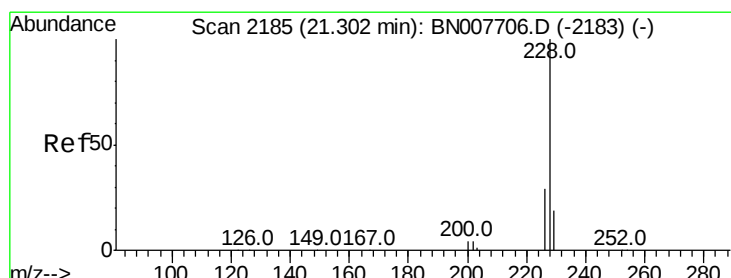
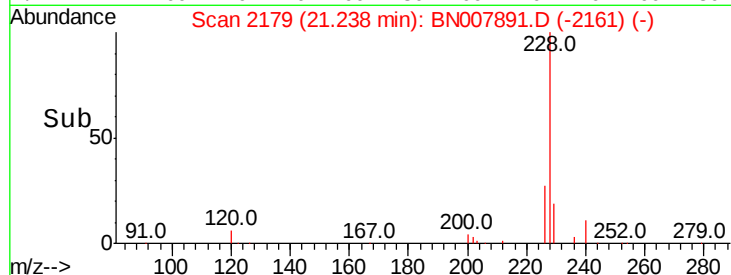
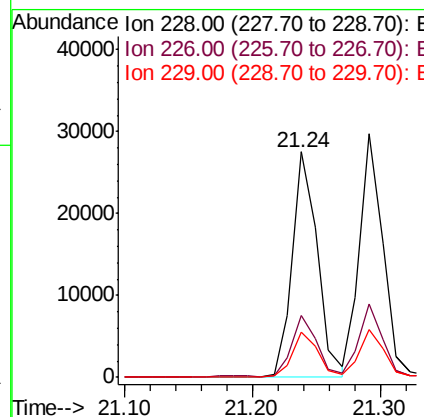
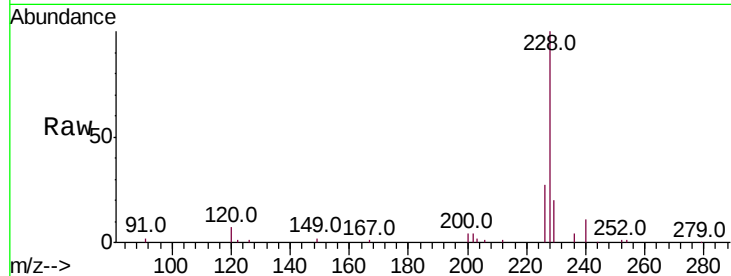
#30
Benzo(a)anthracene
Concen: 0.156 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	19.8	15.8	23.6

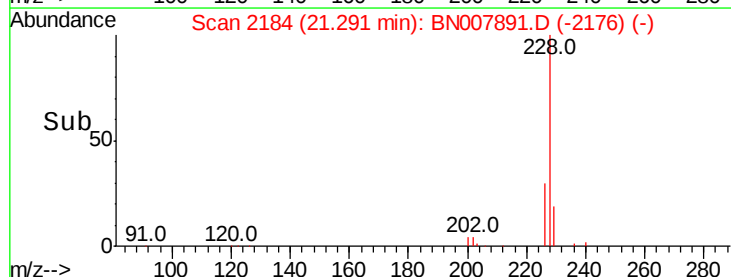
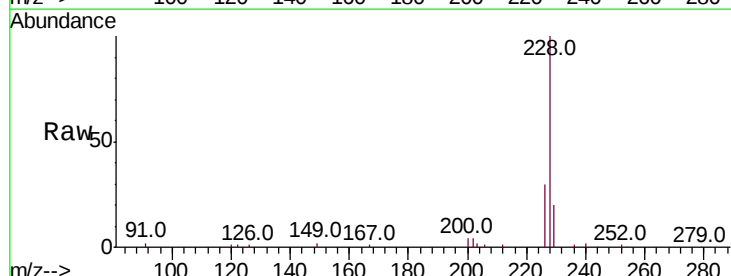
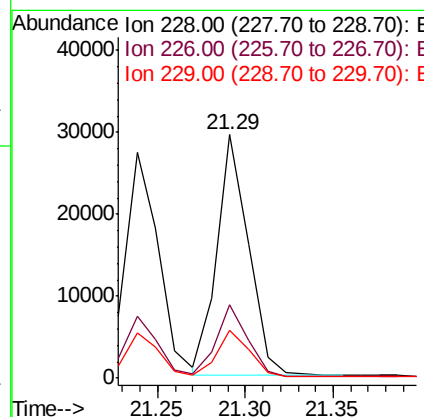
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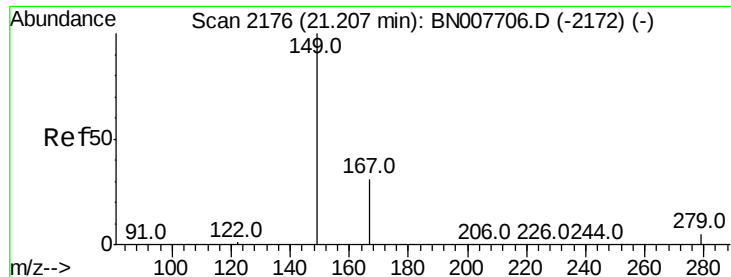
mohammad
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#31
Chrysene
Concen: 0.159 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	19.6	15.8	23.6





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.154 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

Instrument :

BNA_N

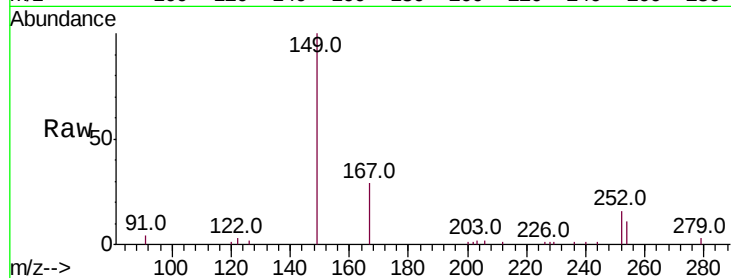
ClientSampleId :

PB123468BS

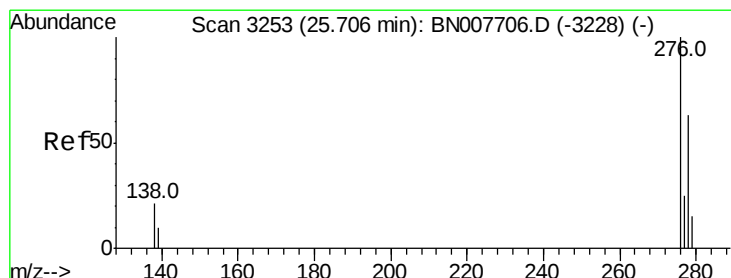
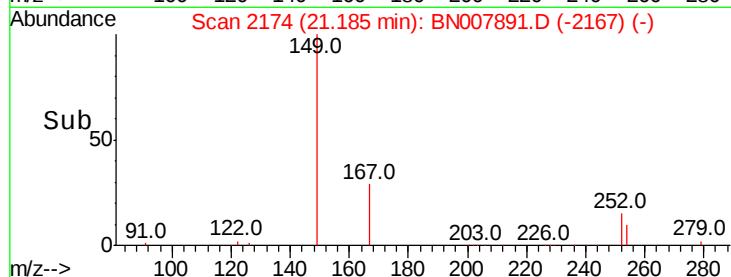
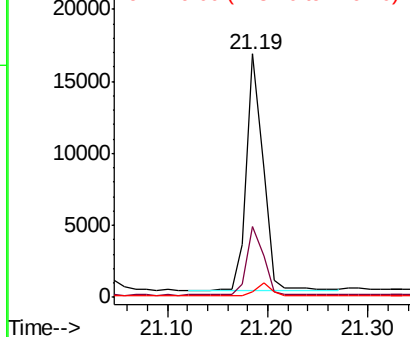
Tot Ion:	149	Resp:	18709
Ion Ratio	Lower	Upper	
149	100		
167	29.1	23.7	35.5
279	5.2	4.2	6.2

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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: 0.172 ng

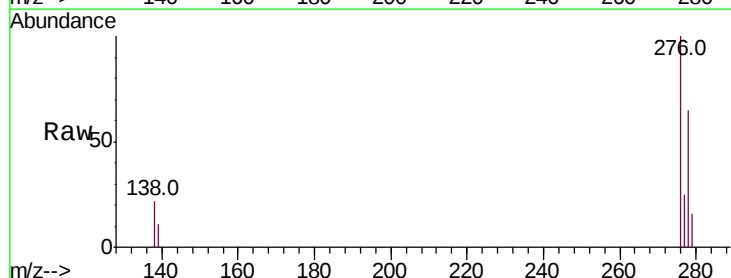
RT: 25.68 min Scan# 3246

Delta R.T. -0.02 min

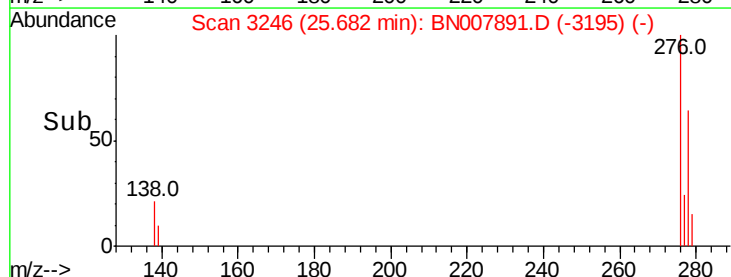
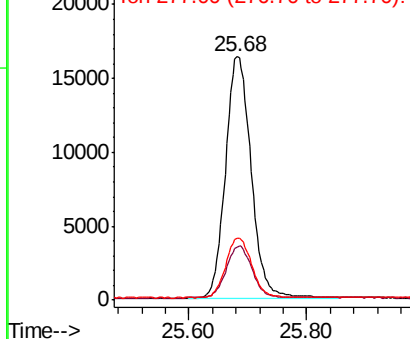
Lab File: BN007891.D

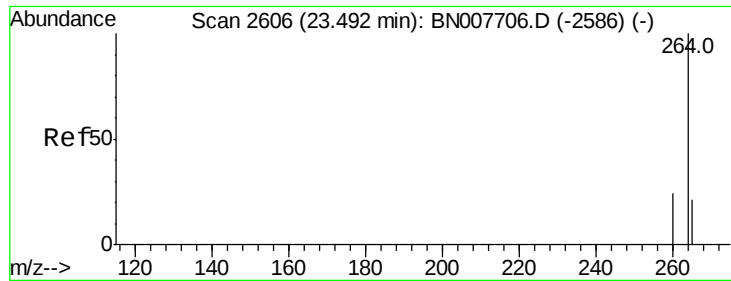
Acq: 30 Sep 2019 11:42

Tgt Ion:	276	Resp:	49495
Ion Ratio	Lower	Upper	
276	100		
138	21.7	17.1	25.7
277	24.9	20.0	30.0



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





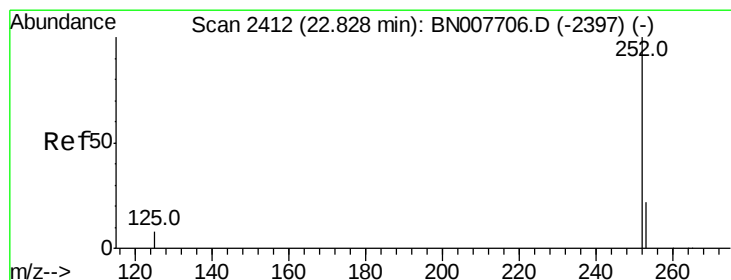
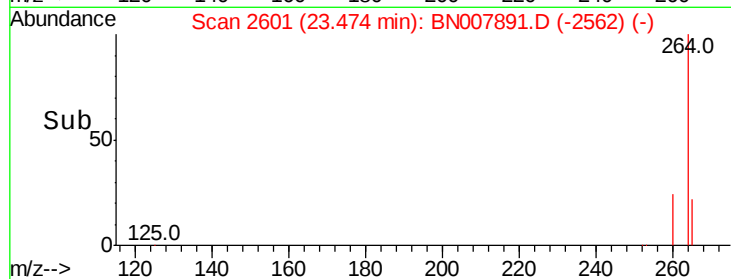
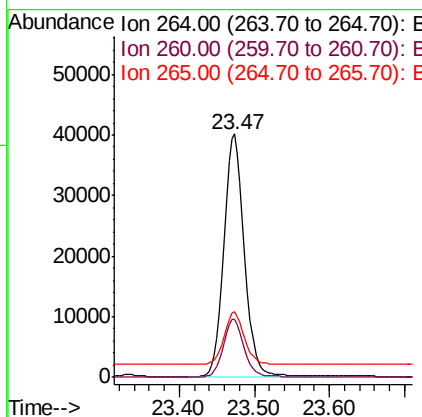
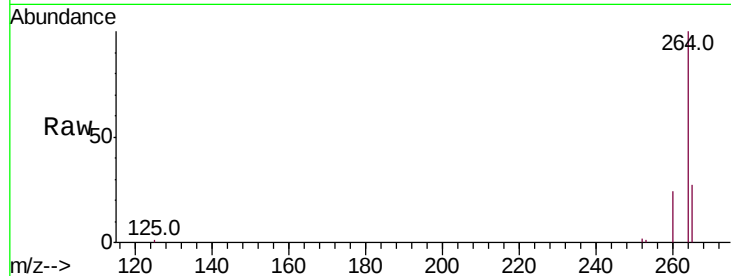
#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2601
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampled :
PB123468BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	26.9	26.9	40.3

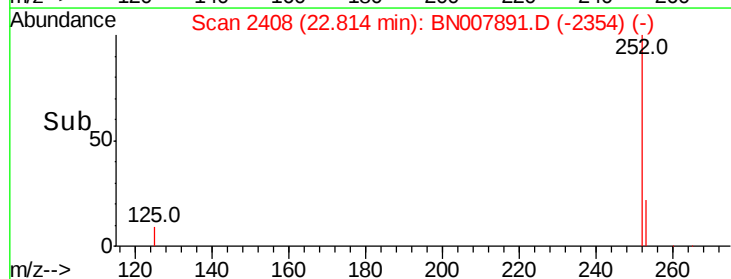
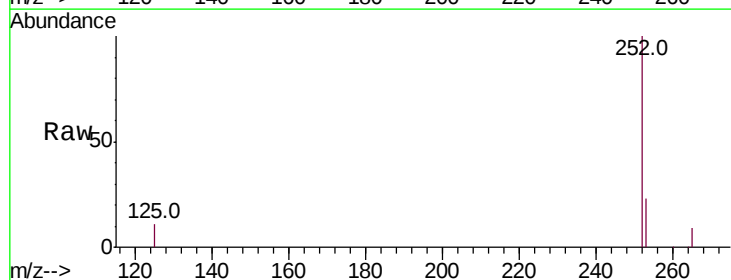
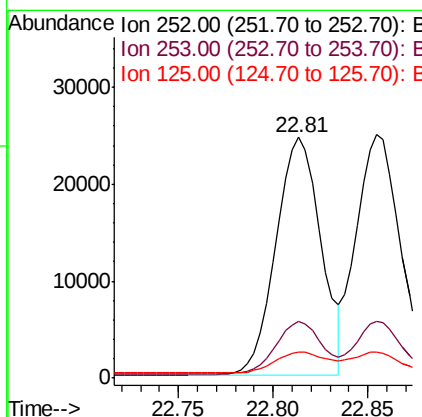
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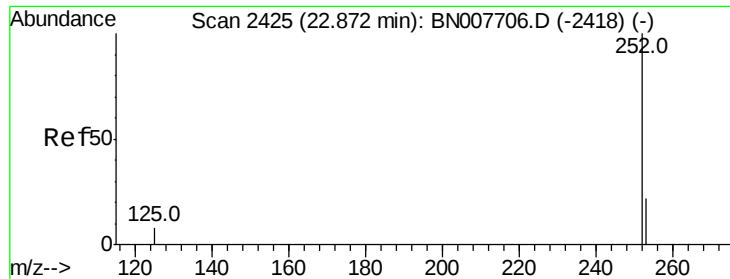
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#35
Benzo(b)fluoranthene
Concen: 0.154 ng
RT: 22.81 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	11.0	8.2	12.4





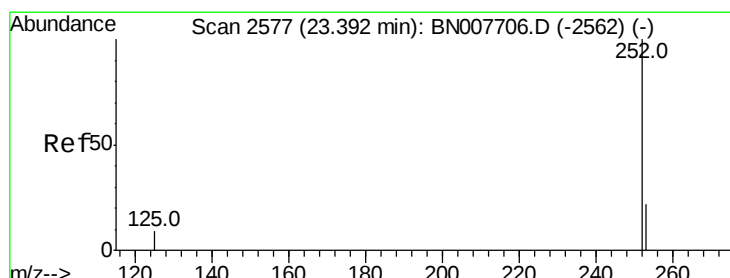
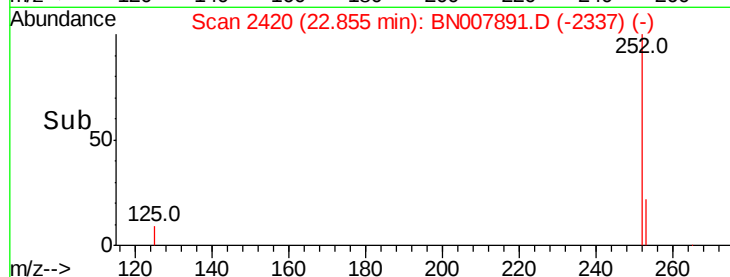
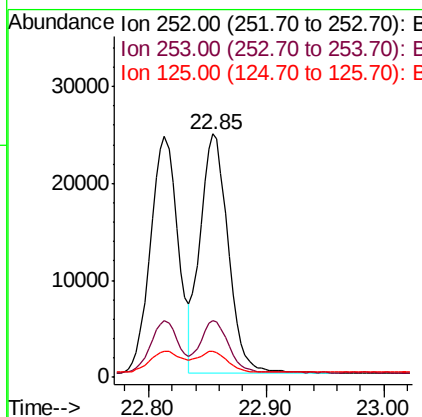
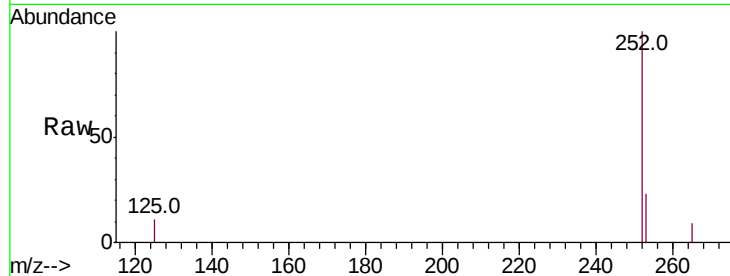
#36
Benzo(k)fluoranthene
Concen: 0.159 ng
RT: 22.85 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Instrument :
BNA_N
ClientSampleId :
PB123468BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	10.9	8.4	12.6

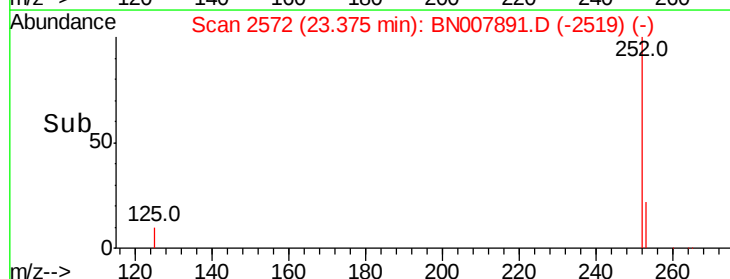
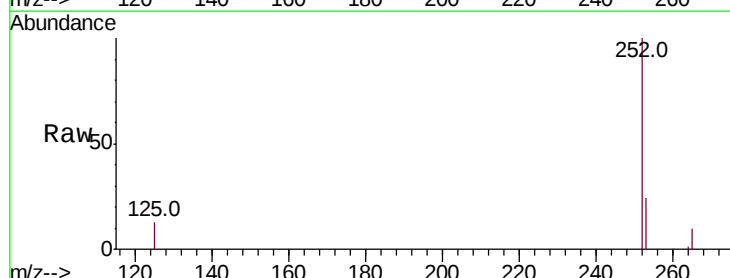
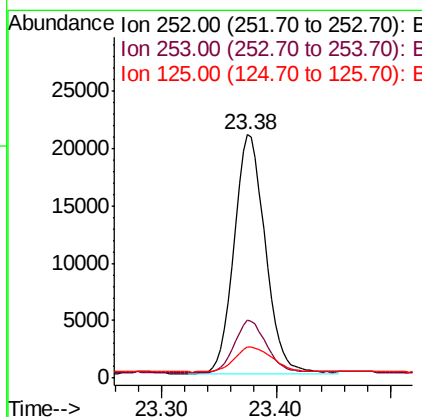
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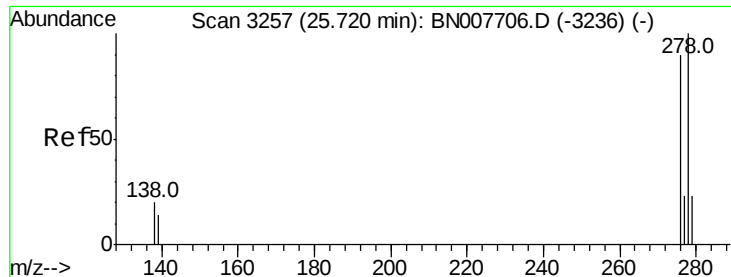
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#37
Benzo(a)pyrene
Concen: 0.161 ng
RT: 23.38 min Scan# 2572
Delta R.T. -0.02 min
Lab File: BN007891.D
Acq: 30 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.6	27.8
125	12.7	9.4	14.0





#38

Dibenzo(a,h)anthracene

Concen: 0.162 ng

RT: 25.70 min Scan# 3250

Delta R.T. -0.02 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

Instrument :

BNA_N

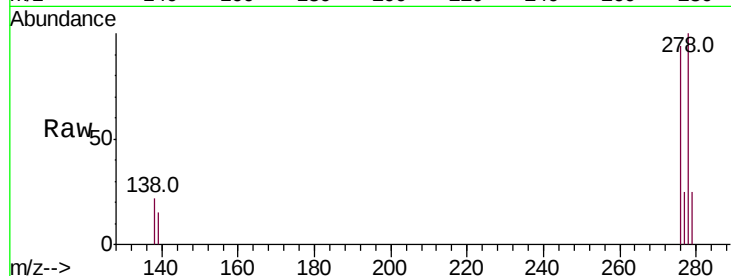
ClientSampleId :

PB123468BS

Tot Ion:	278	Resp:	40529
Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.8	17.6
279	24.7	19.4	29.2

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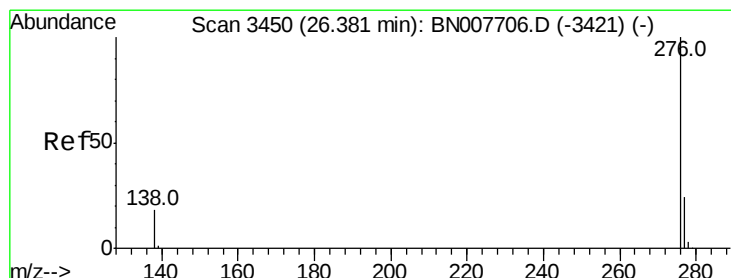
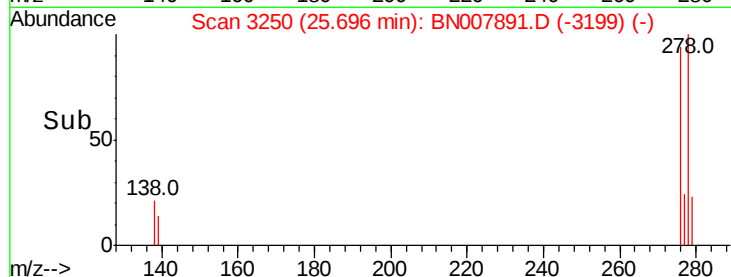
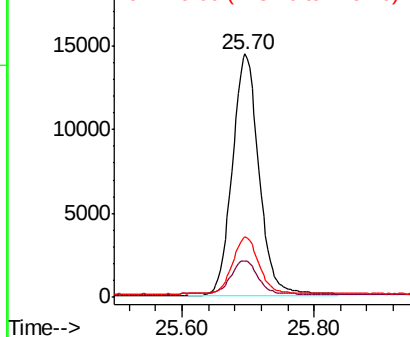


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.170 ng

RT: 26.35 min Scan# 3442

Delta R.T. -0.03 min

Lab File: BN007891.D

Acq: 30 Sep 2019 11:42

Tgt Ion:	276	Resp:	42243
Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.8	29.8
138	19.5	15.1	22.7

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

