

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010978.D
 Acq On : 19 Jun 2020 19:59
 Operator : CG/JU
 Sample : L3043-11MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20200616MS

Manual Integrations
 APPROVED

mohammad
 6/22/2020 3:25:22 PM

Quant Time: Jun 20 06:26:35 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 19 12:43:49 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2432	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	8092	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4398	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	8952	0.40	ng	0.01
27) Chrysene-d12	21.11	240	7566	0.40	ng	-0.01
34) Perylene-d12	23.26	264	7337	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.18	112	793	0.17	ng	0.00
5) Phenol-d6	6.73	99	596	0.11	ng	0.00
8) Nitrobenzene-d5	8.67	82	2769	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	4153	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	576	0.37	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	7122	0.41	ng	0.00
25) Fluoranthene-d10	18.94	212	10033	0.41	ng	0.00
29) Terphenyl-d14	19.56	244	9875	0.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	1929	0.810	ng	# 90
3) n-Nitrosodimethylamine	3.53	42	243	0.175	ng	# 74
6) bis(2-Chloroethyl)ether	6.98	93	1991	0.369	ng	95
9) Naphthalene	10.33	128	6161	0.303	ng	100
10) Hexachlorobutadiene	10.62	225	1291	0.257	ng	# 98
12) 2-Methylnaphthalene	11.95	142	4106	0.302	ng	99
16) Acenaphthylene	13.87	152	5586	0.310	ng	99
17) Acenaphthene	14.21	154	3655	0.298	ng	99
18) Fluorene	15.22	166	4961	0.313	ng	98
20) 4-Bromophenyl-phenylether	16.11	248	1704	0.317	ng	96
21) Hexachlorobenzene	16.22	284	1777	0.317	ng	99
22) Pentachlorophenol	16.57	266	833	0.442	ng	97
23) Phenanthrene	16.94	178	8672	0.355	ng	99
24) Anthracene	17.04	178	7160	0.351	ng	100
26) Fluoranthene	18.97	202	11079	0.399	ng	99
28) Pyrene	19.34	202	10253	0.410	ng	100
30) Benzo(a)anthracene	21.10	228	8075	0.363	ng	99
31) Chrysene	21.15	228	9248	0.357	ng	97
32) Bis(2-ethylhexyl)phthalate	21.06	149	4315	0.582	ng	97
33) Indeno(1,2,3-cd)pyrene	25.36	276	10728	0.370	ng	# 97
35) Benzo(b)fluoranthene	22.62	252	8593m	0.344	ng	
36) Benzo(k)fluoranthene	22.67	252	9282	0.349	ng	97
37) Benzo(a)pyrene	23.17	252	7227	0.338	ng	98
38) Dibenzo(a,h)anthracene	25.37	278	8867	0.363	ng	98
39) Benzo(g,h,i)perylene	25.99	276	10925	0.428	ng	98

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

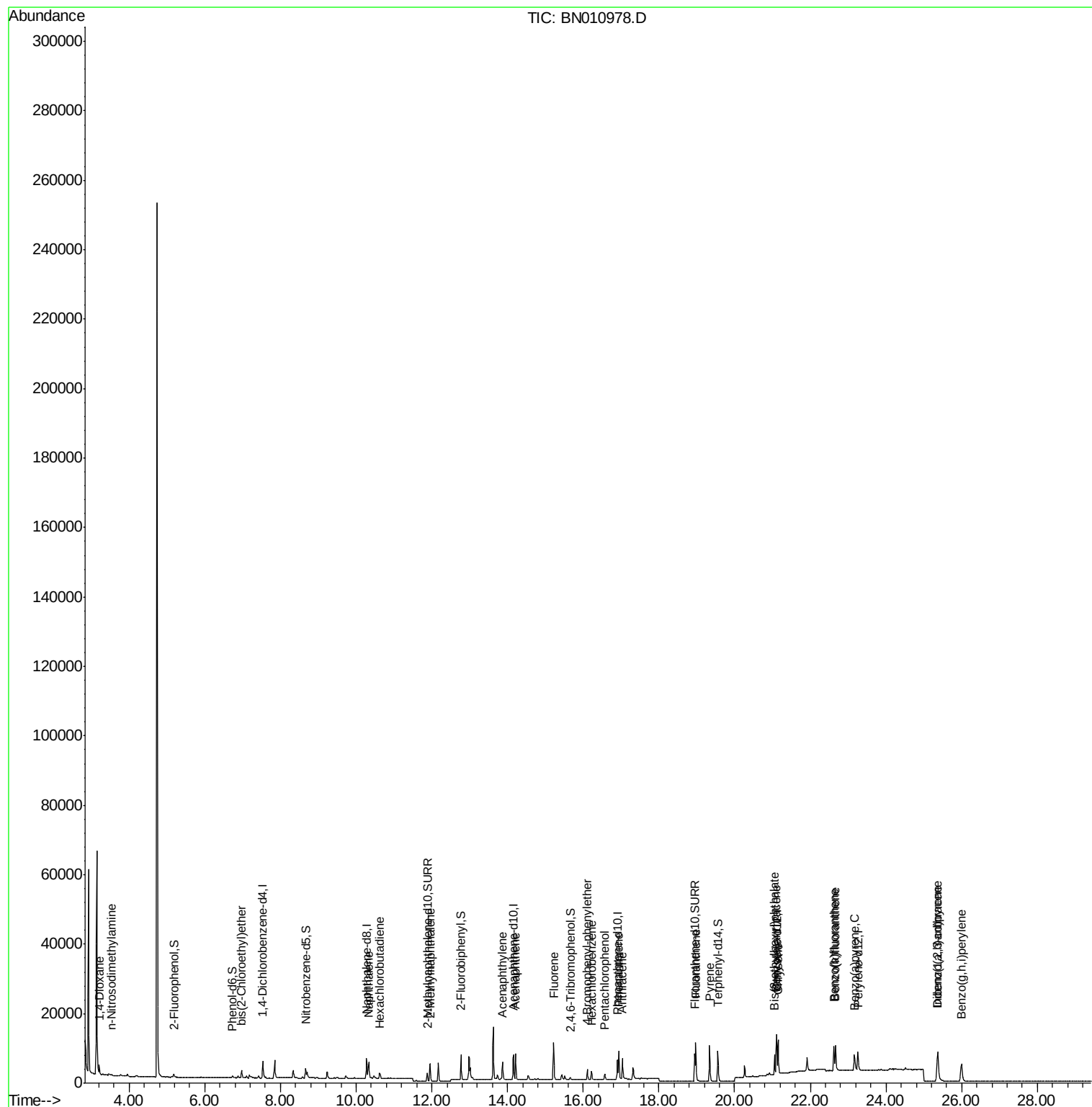
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
Data File : BN010978.D
Acq On : 19 Jun 2020 19:59
Operator : CG/JU
Sample : L3043-11MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

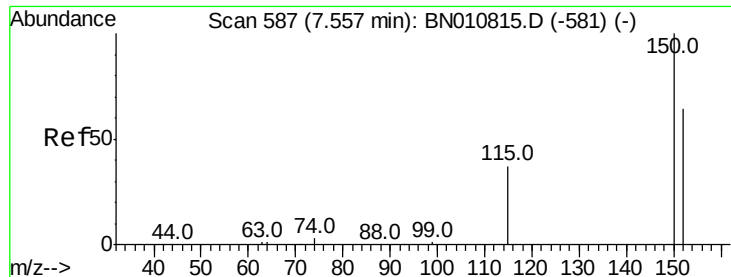
Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MS

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 12:43:49 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.53 min Scan# 584

Delta R.T. -0.00 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Instrument :

BNA_N

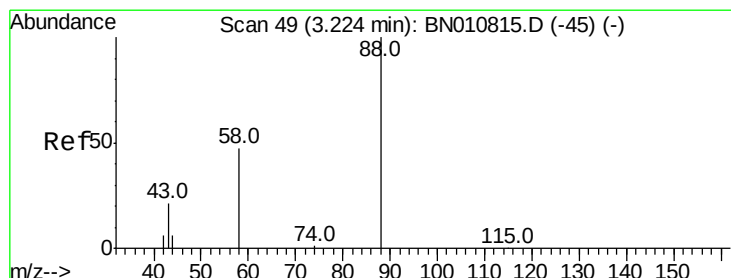
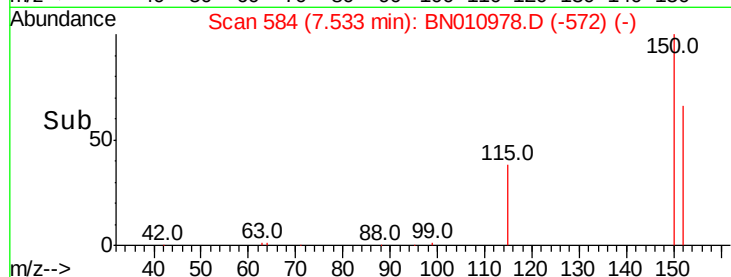
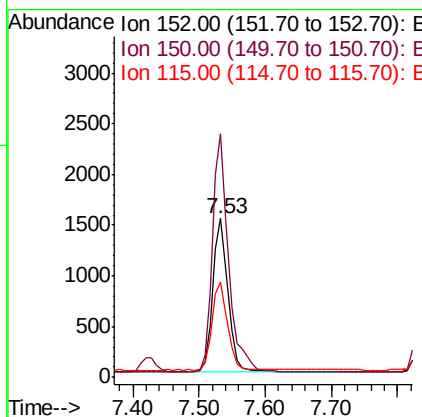
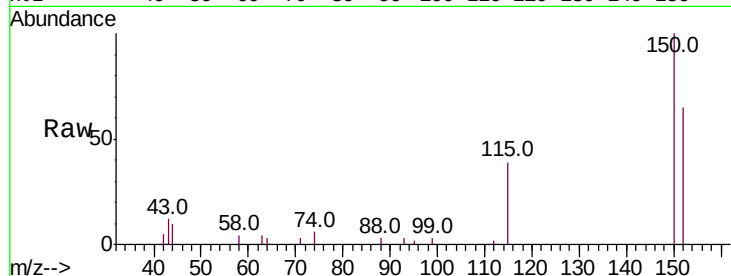
ClientSampleId :

RE139D2-20200616MS

Tot Ion:	152	Resp:	2432
Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.8	185.6
115	59.9	49.2	73.8

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#2

1,4-Dioxane

Concen: 0.810 ng

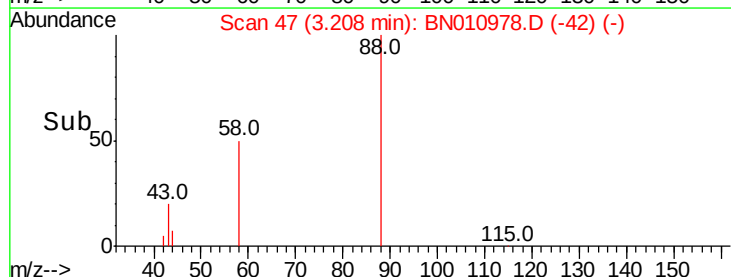
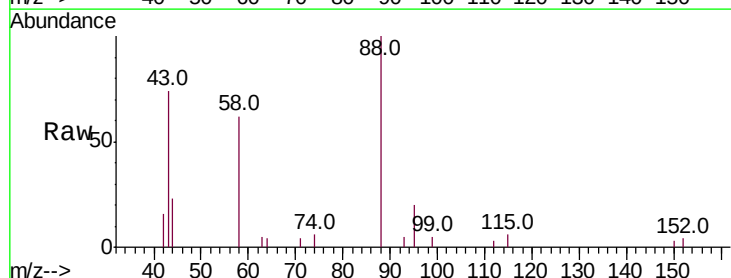
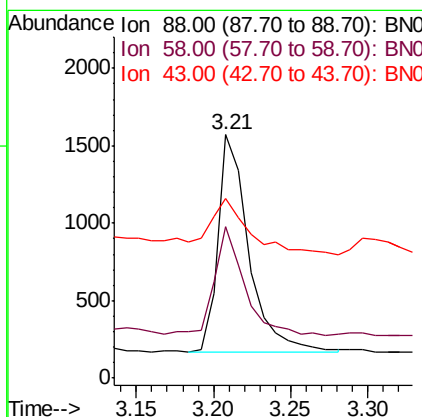
RT: 3.21 min Scan# 47

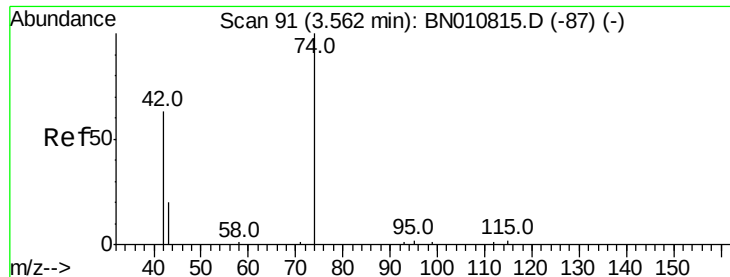
Delta R.T. -0.01 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Tgt Ion:	88	Resp:	1929
Ion	Ratio	Lower	Upper
88	100		
58	49.1	38.2	57.4
43	32.5	15.1	22.7





#3

n-Nitrosodimethylamine

Concen: 0.175 ng

RT: 3.53 min Scan# 87

Delta R.T. 0.01 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Instrument :

BNA_N

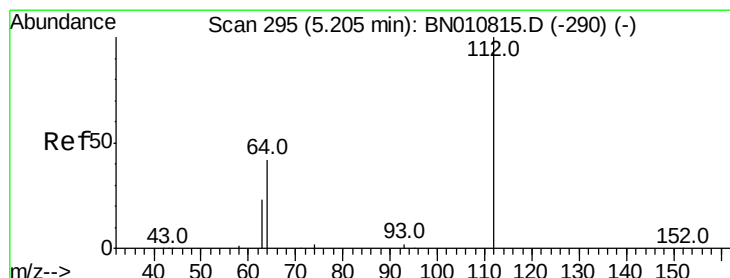
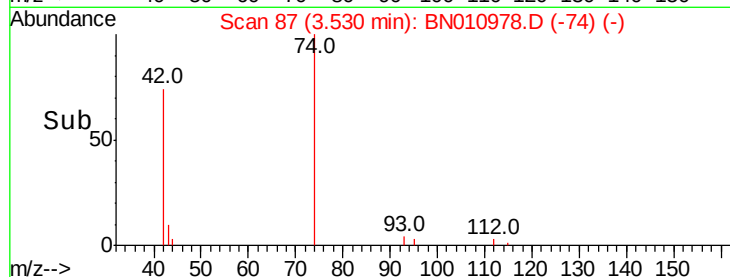
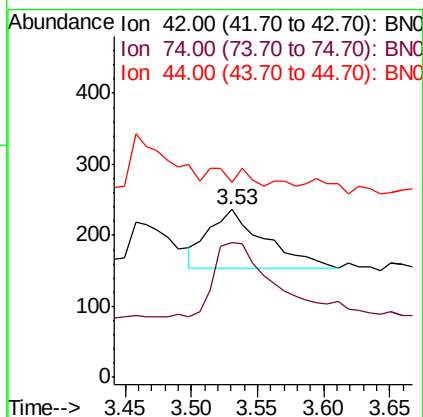
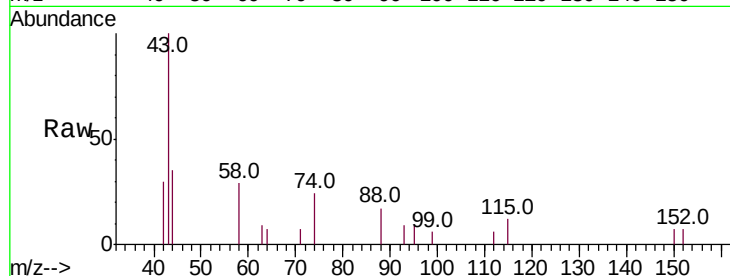
ClientSampleId :

RE139D2-20200616MS

Tot Ion:	42	Resp:	243
Ion	Ratio	Lower	Upper
42	100		
74	139.9	140.7	211.1#
44	0.0	1.4	2.2#

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#4

2-Fluorophenol

Concen: 0.169 ng

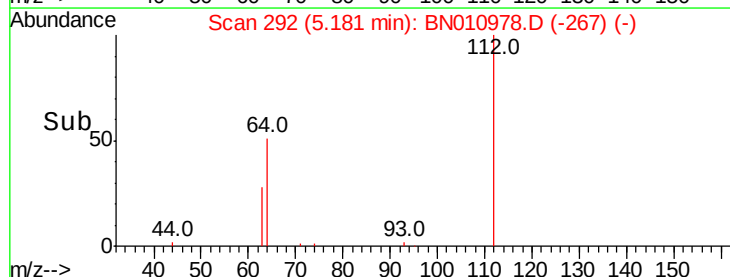
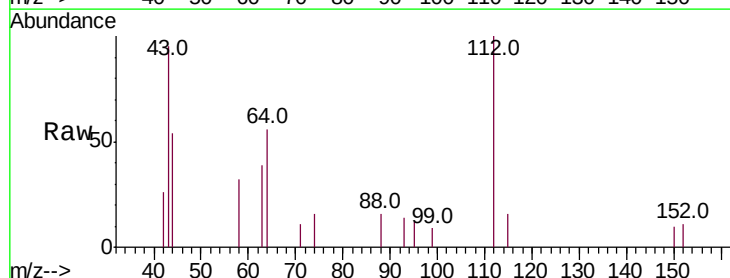
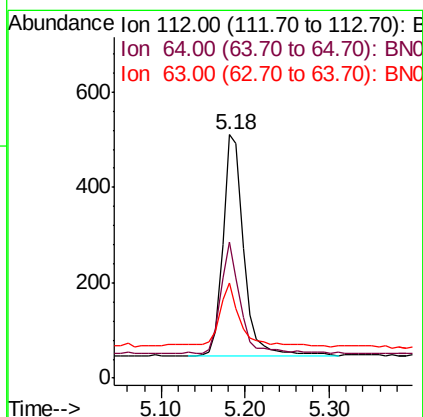
RT: 5.18 min Scan# 292

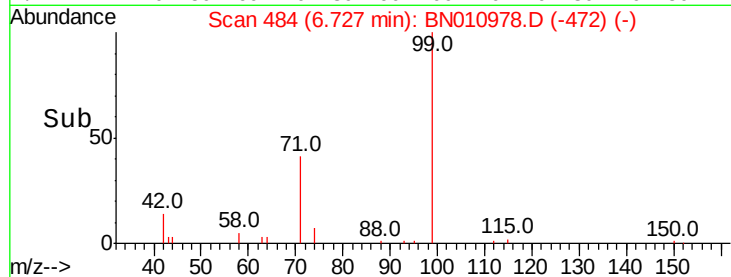
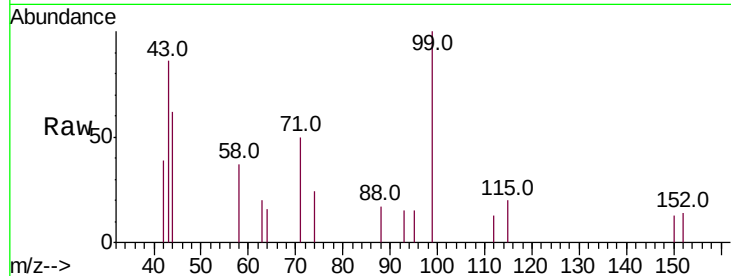
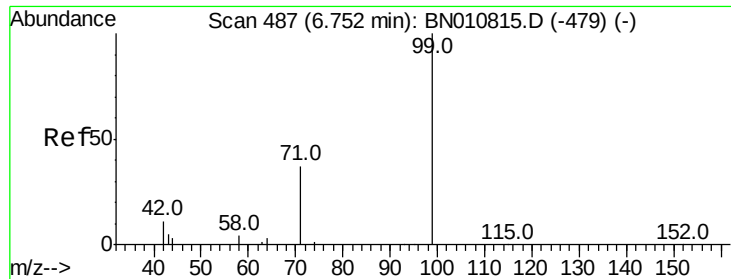
Delta R.T. -0.00 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Tgt Ion:	112	Resp:	793
Ion	Ratio	Lower	Upper
112	100		
64	48.2	37.4	56.0
63	29.9	22.2	33.4





#5

Phenol-d6

Concen: 0.108 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Tot Ion:	99	Resp:	596
Ion	Ratio	Lower	Upper
99	100		
42	22.0	11.1	16.7#
71	38.3	31.4	47.2

Instrument :

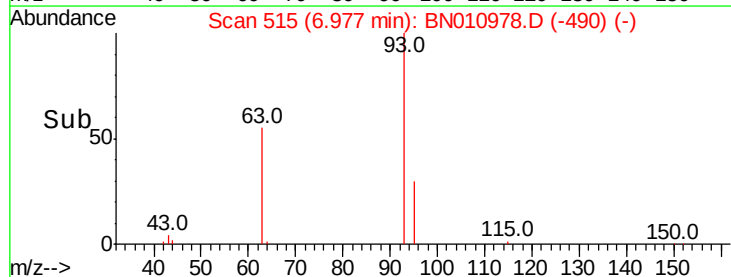
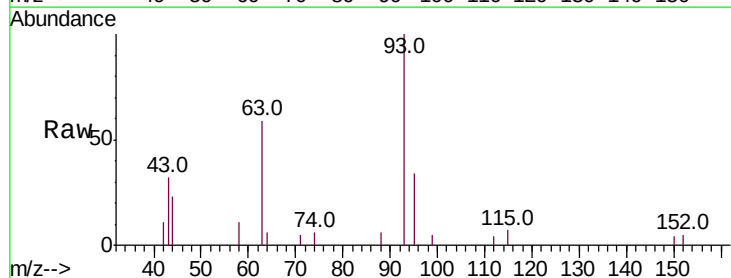
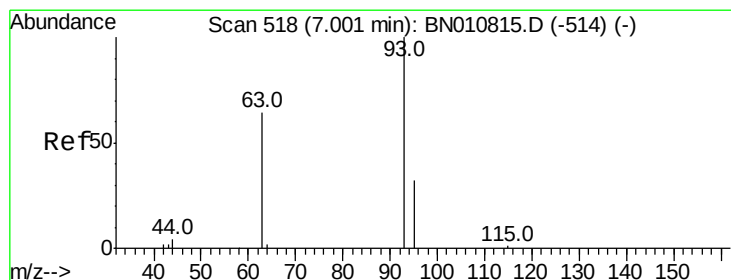
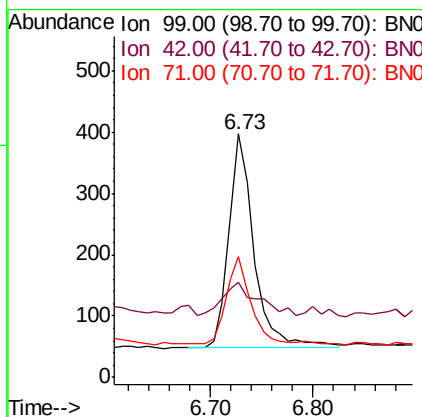
BNA_N

ClientSampleId :

RE139D2-20200616MS

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#6

bis(2-Chloroethyl)ether

Concen: 0.369 ng

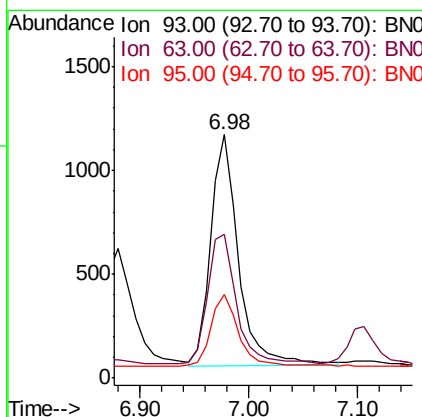
RT: 6.98 min Scan# 515

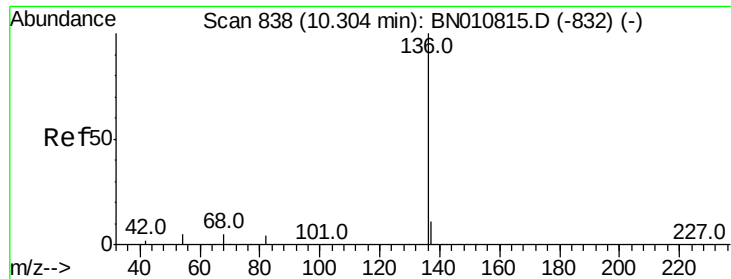
Delta R.T. -0.00 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Tgt Ion:	93	Resp:	1991
Ion	Ratio	Lower	Upper
93	100		
63	57.7	49.4	74.2
95	31.1	26.7	40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Instrument :

BNA_N

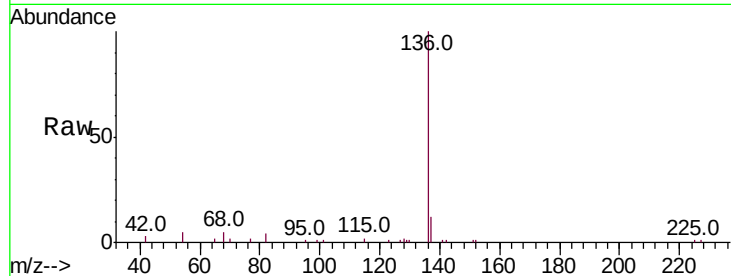
ClientSampleId :

RE139D2-20200616MS

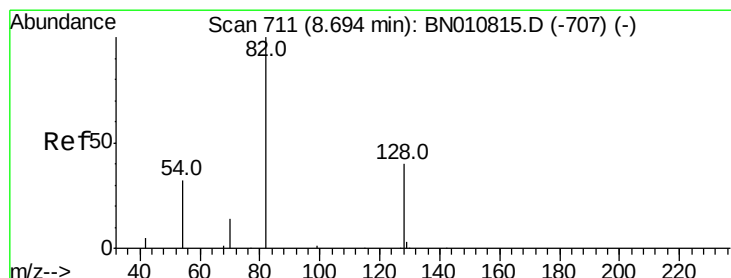
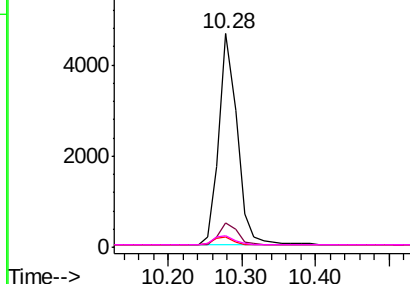
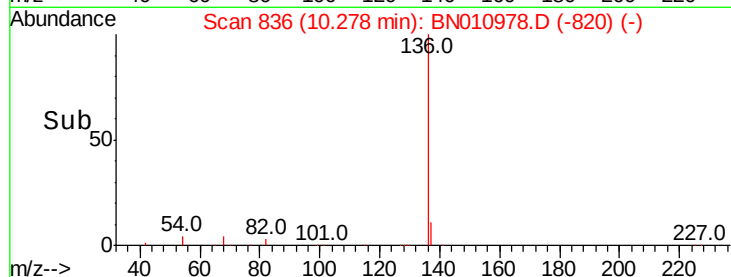
Tot Ion:	136	Resp:	8092
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.7	14.5
54	4.8	4.9	7.3
68	5.4	4.7	7.1

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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: 0.462 ng

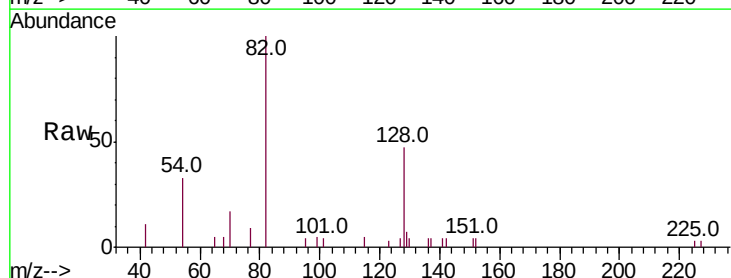
RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

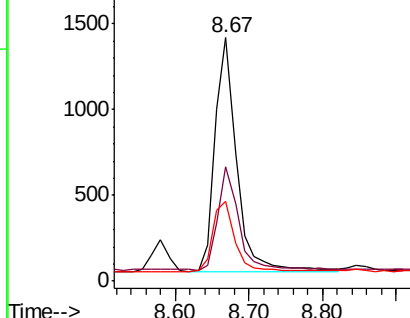
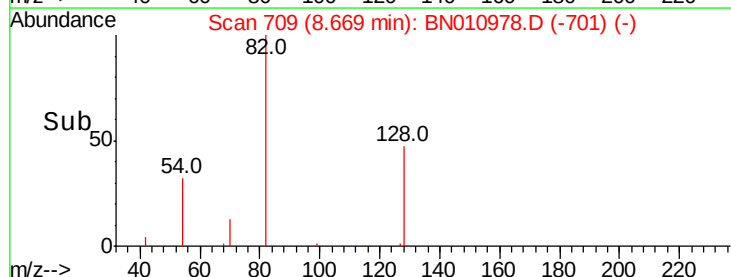
Lab File: BN010978.D

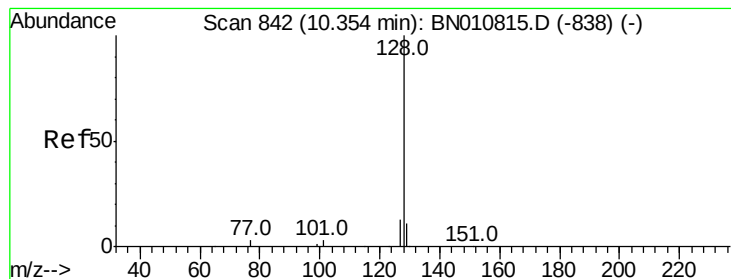
Acq: 19 Jun 2020 19:59

Tgt Ion:	82	Resp:	2769
Ion Ratio	Lower	Upper	
82	100		
128	46.9	35.4	53.0
54	32.6	28.2	42.4



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





#9

Naphthalene

Concen: 0.303 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Instrument :

BNA_N

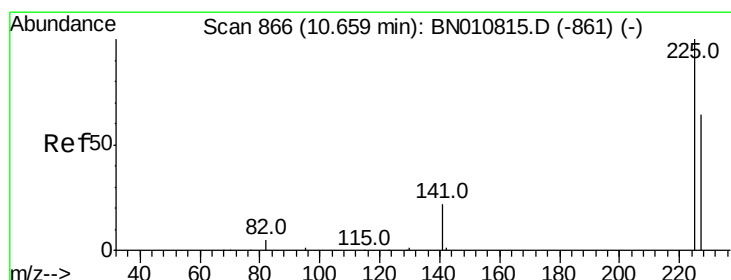
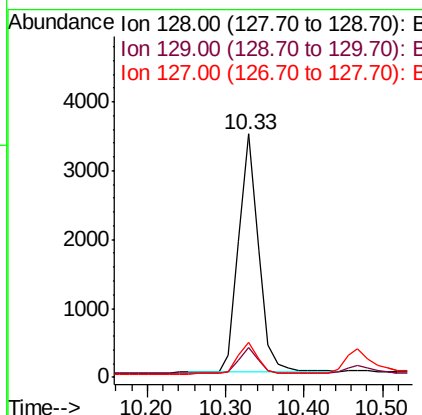
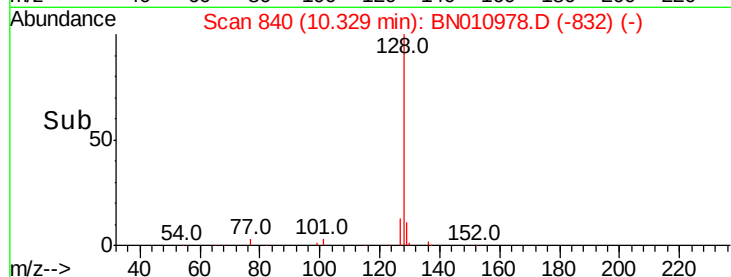
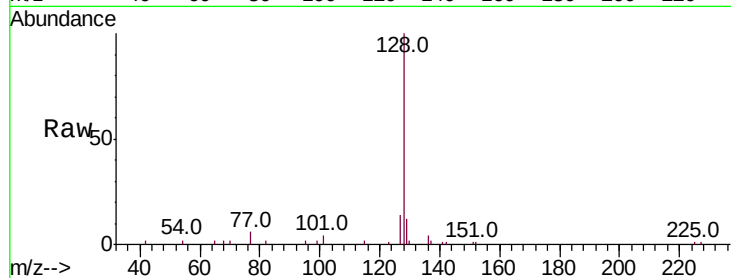
ClientSampleId :

RE139D2-20200616MS

Tot Ion:128	Resp:	6161
Ion Ratio	Lower	Upper
128 100		
129 12.3	9.6	14.4
127 14.3	11.4	17.2

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 0.257 ng

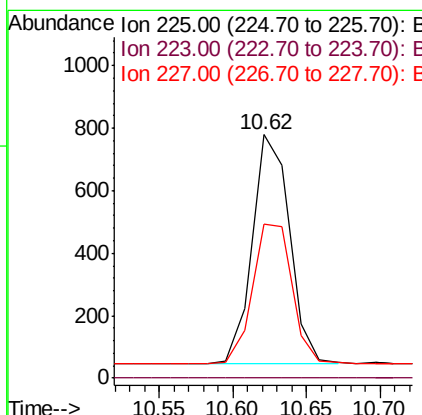
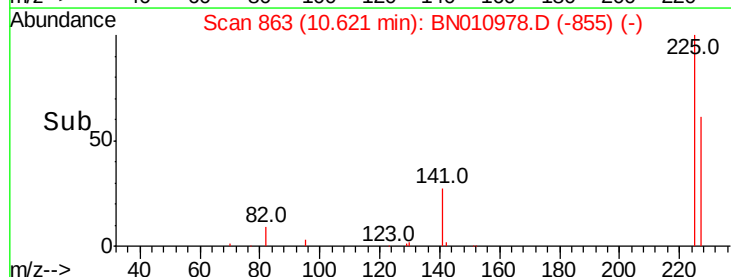
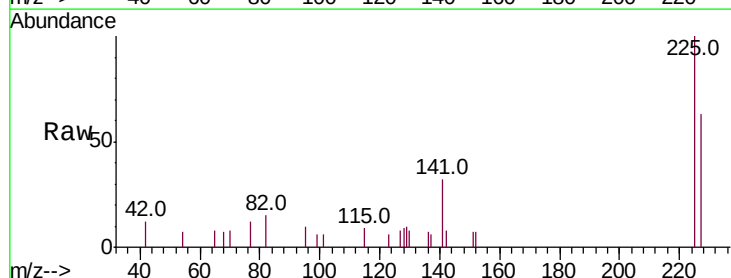
RT: 10.62 min Scan# 863

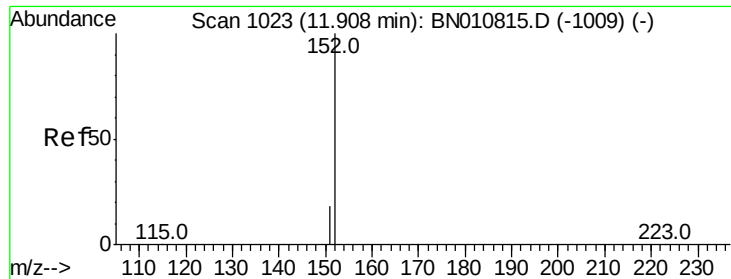
Delta R.T. -0.00 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Tgt Ion:225	Resp:	1291
Ion Ratio	Lower	Upper
225 100		
223 0.0	0.0	0.0
227 64.6	50.5	75.7





#11

2-Methylnaphthalene-d10

Concen: 0.331 ng

RT: 11.88 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Instrument :

BNA_N

ClientSampleId :

RE139D2-20200616MS

Tot Ion:152 Resp: 4153

Ion Ratio Lower Upper

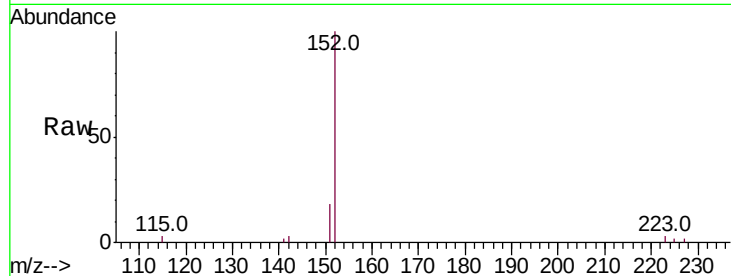
152 100

151 17.2 15.3 22.9

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.88

2500

2000

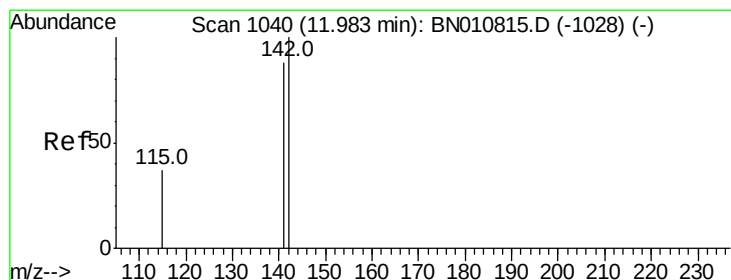
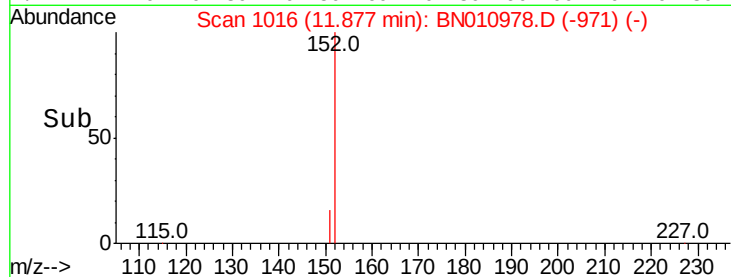
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.302 ng

RT: 11.95 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

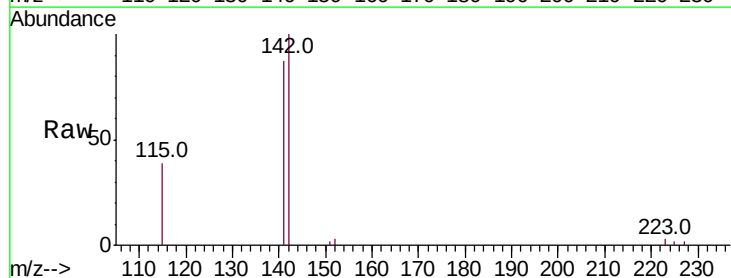
Tgt Ion:142 Resp: 4106

Ion Ratio Lower Upper

142 100

141 87.1 70.8 106.2

115 38.7 31.5 47.3



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

11.95

3000

2500

2000

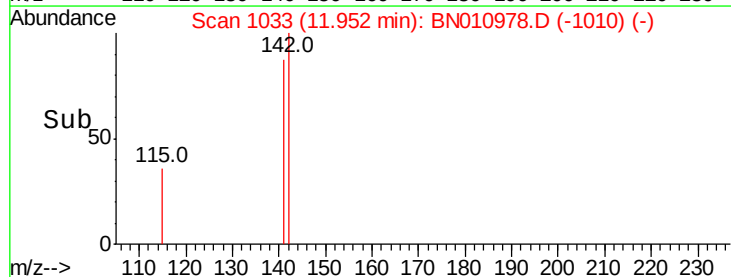
1500

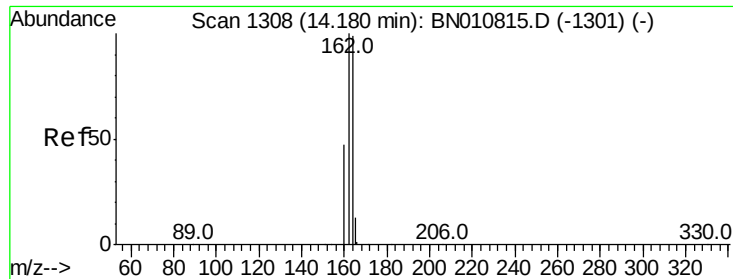
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Instrument :

BNA_N

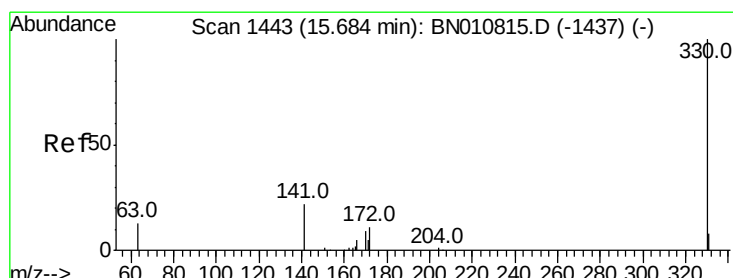
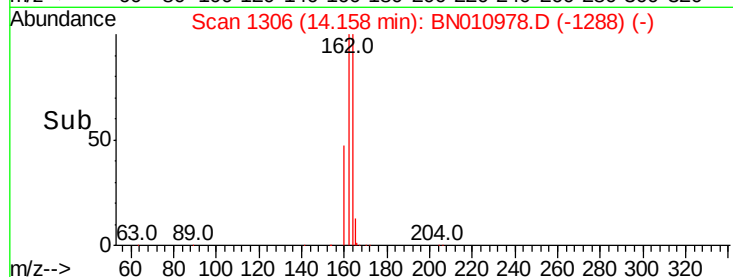
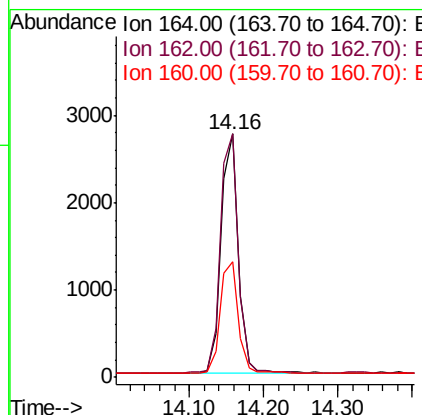
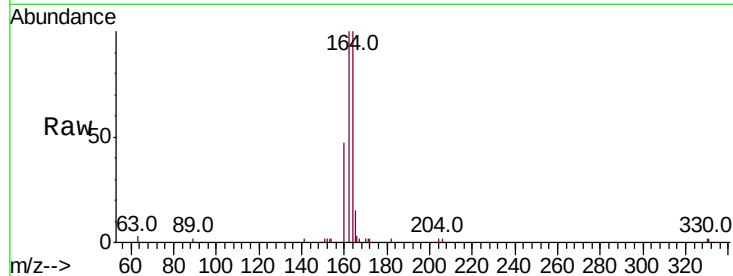
ClientSampleId :

RE139D2-20200616MS

Tot Ion:	164	Resp:	4398
Ion Ratio	Lower	Upper	
164	100		
162	100.0	81.0	121.6
160	47.5	38.9	58.3

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#14

2,4,6-Tribromophenol

Concen: 0.366 ng

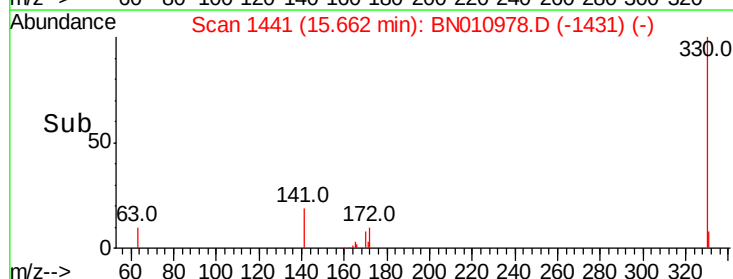
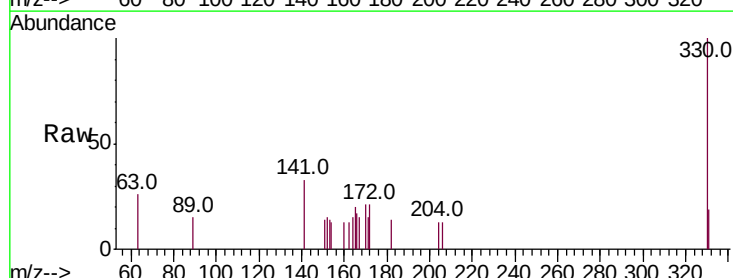
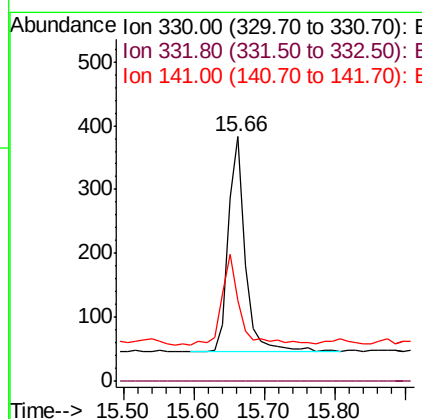
RT: 15.66 min Scan# 1441

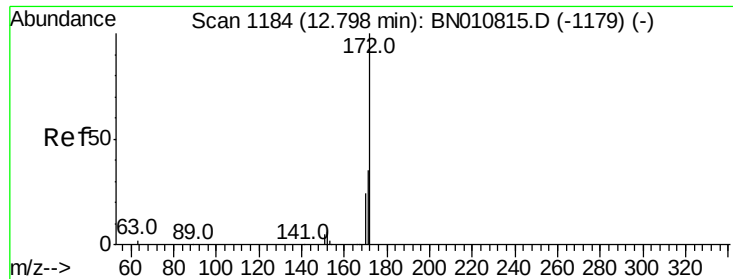
Delta R.T. 0.01 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Tgt Ion:	330	Resp:	576
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	44.3	33.2	49.8





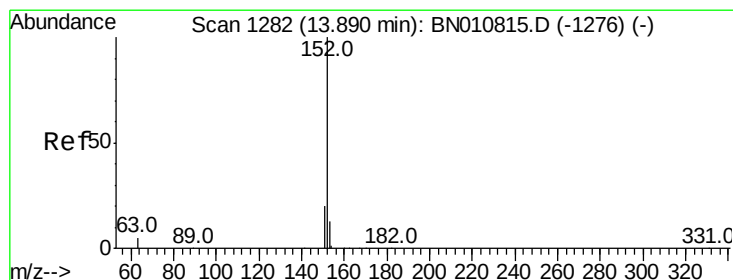
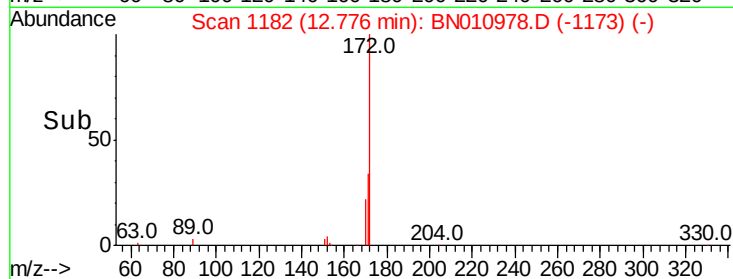
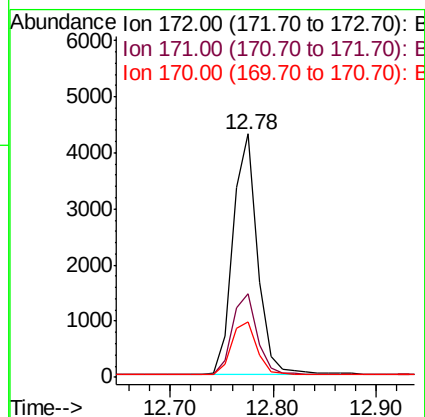
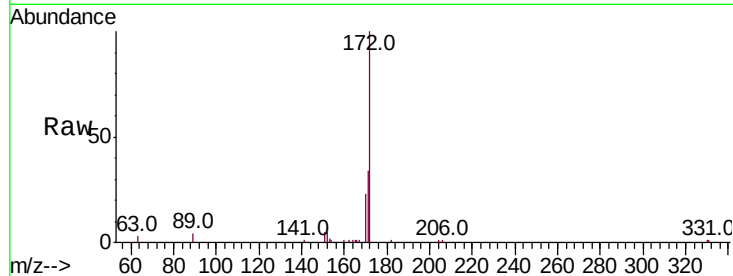
#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010978.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion:	172	Resp:	7122
Ion Ratio	Lower	Upper	
172	100		
171	34.4	28.5	42.7
170	22.7	19.7	29.5

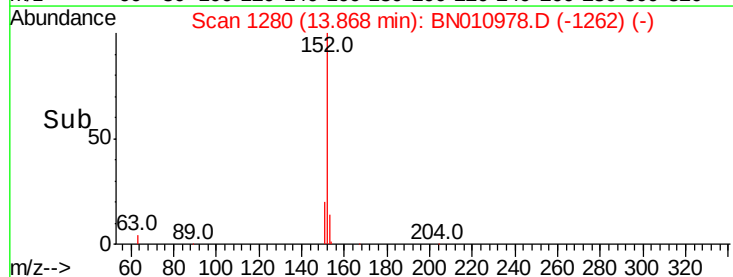
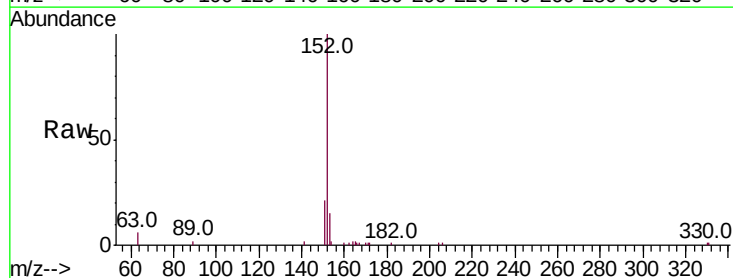
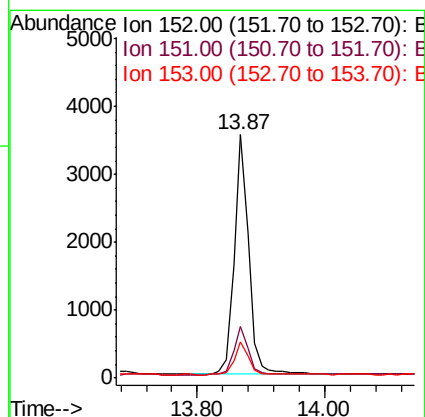
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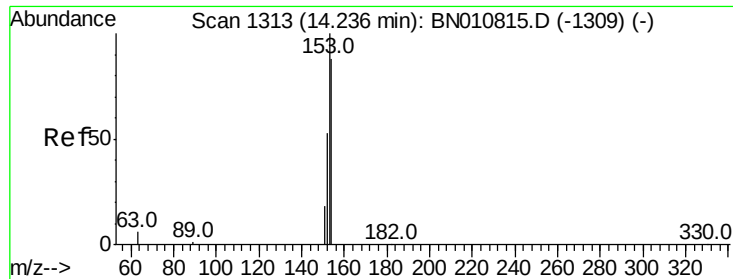
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#16
Acenaphthylene
Concen: 0.310 ng
RT: 13.87 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BN010978.D
Acq: 19 Jun 2020 19:59

Tgt Ion:	152	Resp:	5586
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.6	23.4
153	13.6	10.6	16.0





#17

Acenaphthene

Concen: 0.298 ng

RT: 14.21 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Instrument :

BNA_N

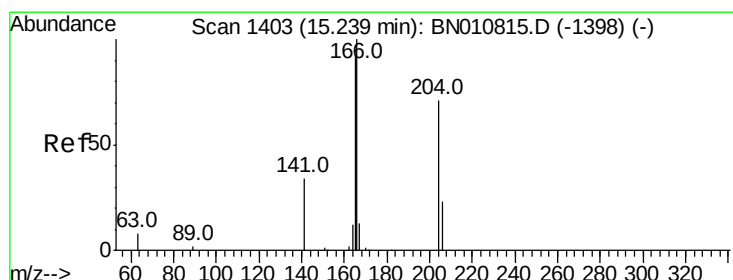
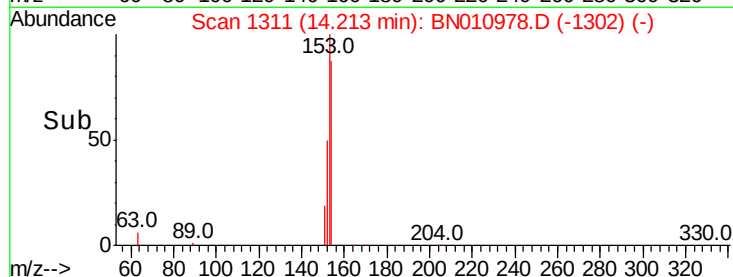
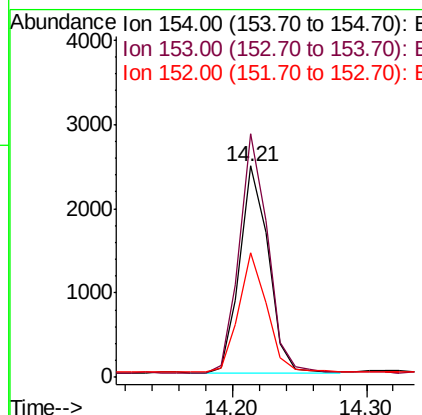
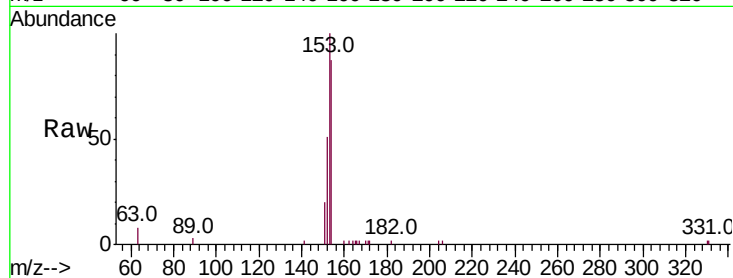
ClientSampleId :

RE139D2-20200616MS

Tot Ion:	154	Resp:	3655
Ion Ratio	Lower	Upper	
154	100		
153	114.6	91.8	137.6
152	57.9	47.6	71.4

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#18

Fluorene

Concen: 0.313 ng

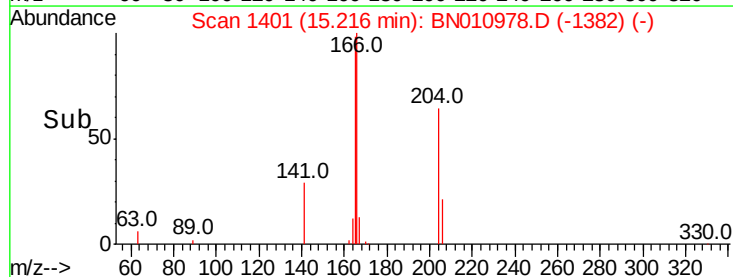
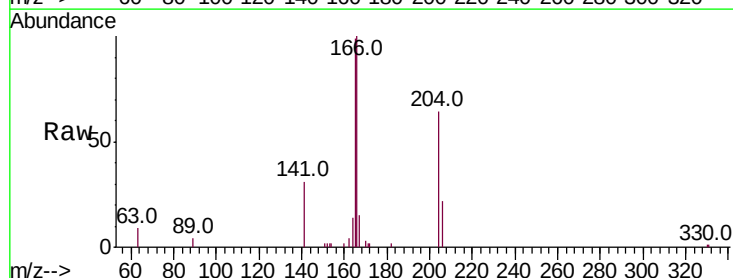
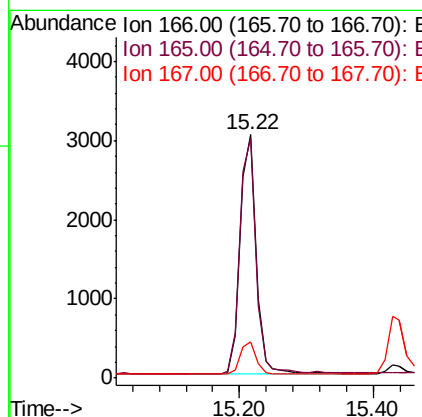
RT: 15.22 min Scan# 1401

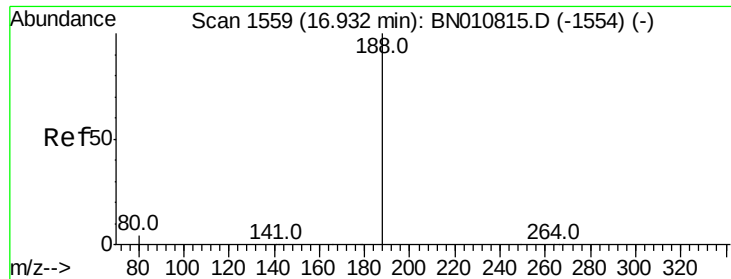
Delta R.T. 0.01 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Tgt Ion:	166	Resp:	4961
Ion Ratio	Lower	Upper	
166	100		
165	98.4	77.2	115.8
167	13.5	10.7	16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Instrument :

BNA_N

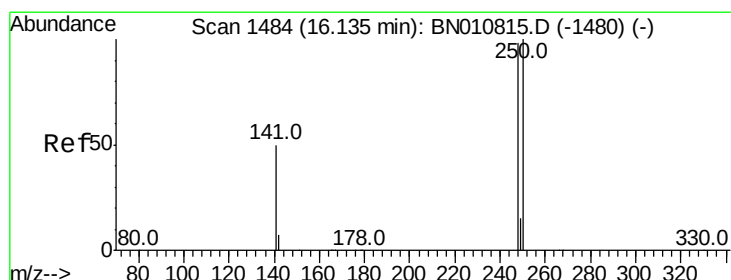
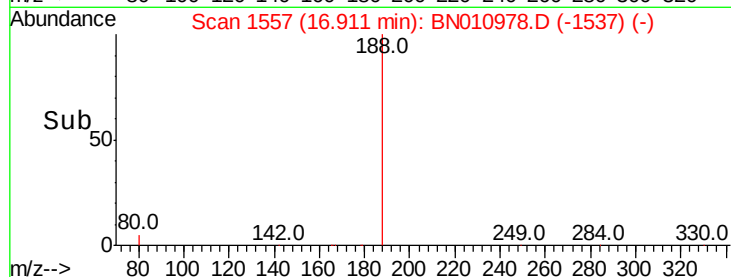
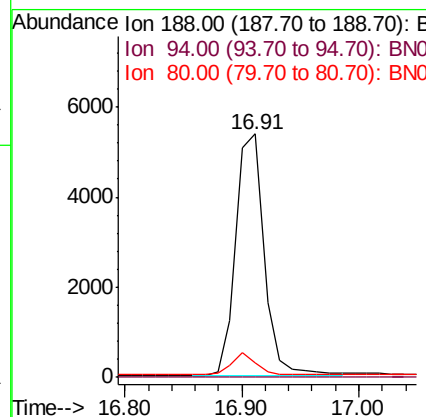
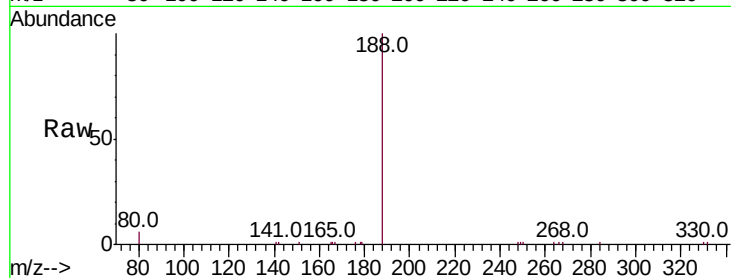
ClientSampleId :

RE139D2-20200616MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	8952		
94	0.0	0.0	0.0	0.0
80	5.9	4.5	6.7	

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#20

4-Bromophenyl-phenylether

Concen: 0.317 ng

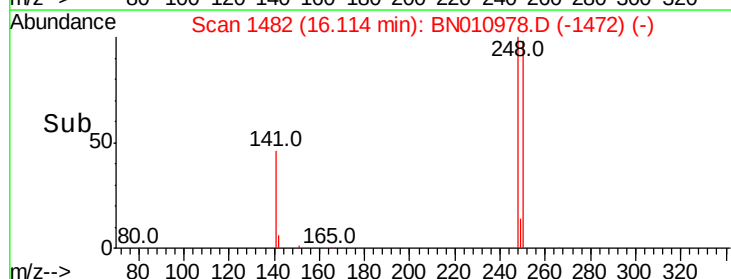
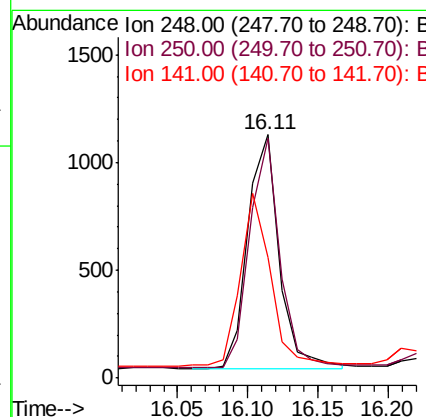
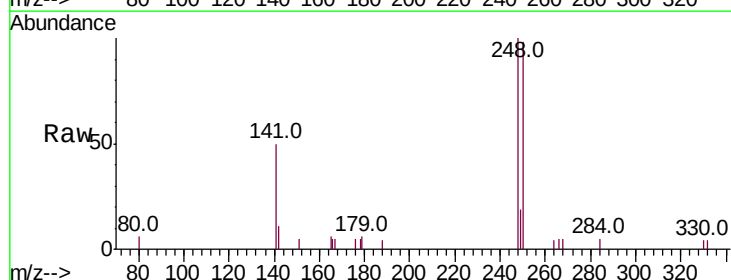
RT: 16.11 min Scan# 1482

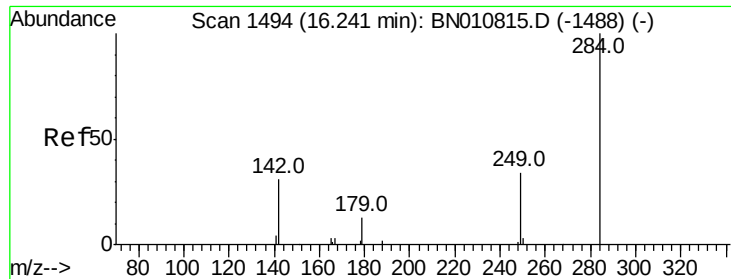
Delta R.T. 0.01 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	1704		
250	98.3	81.8	122.8	
141	49.7	42.6	64.0	





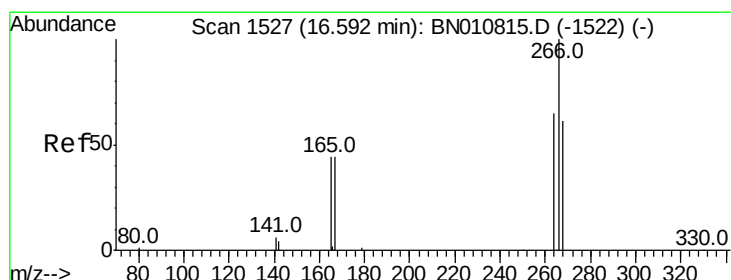
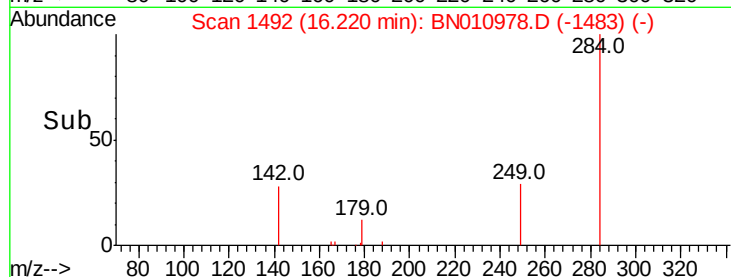
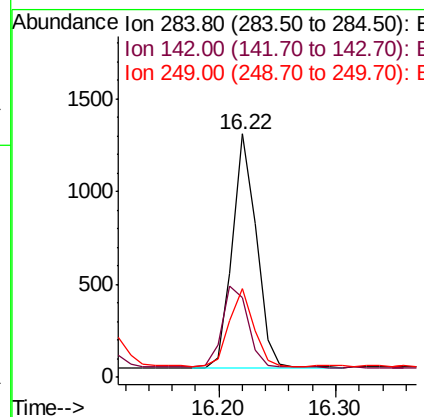
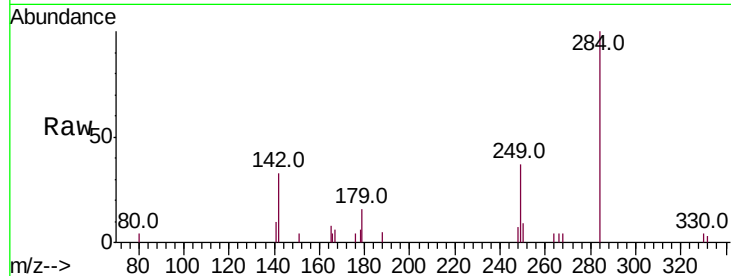
#21
Hexachlorobenzene
Concen: 0.317 ng
RT: 16.22 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BN010978.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.0	31.0	46.4
249	33.3	27.1	40.7

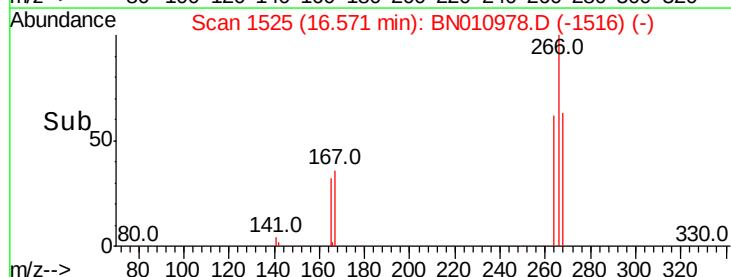
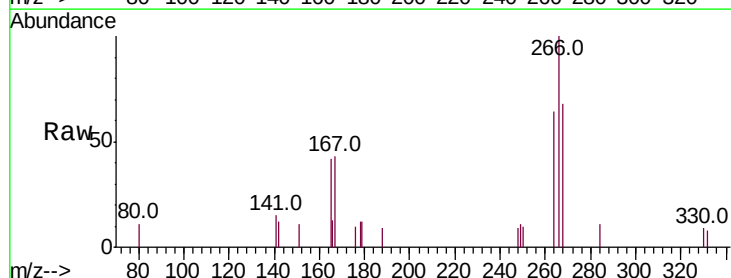
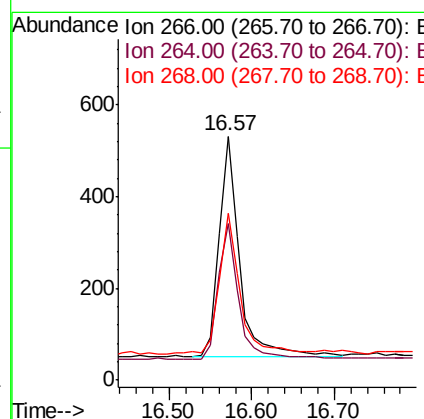
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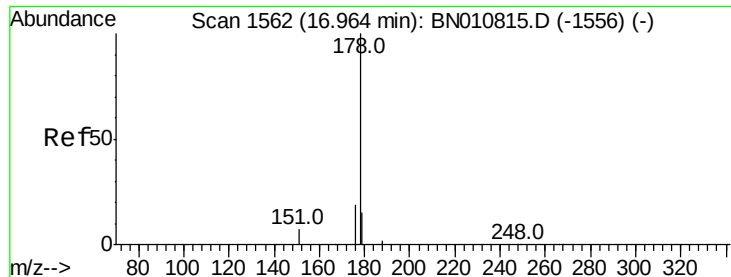
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#22
Pentachlorophenol
Concen: 0.442 ng
RT: 16.57 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BN010978.D
Acq: 19 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.4	54.8	82.2
268	68.4	55.9	83.9





#23

Phenanthrene

Concen: 0.355 ng

RT: 16.94 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Instrument :

BNA_N

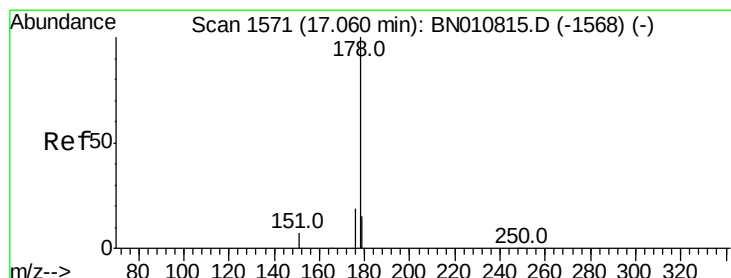
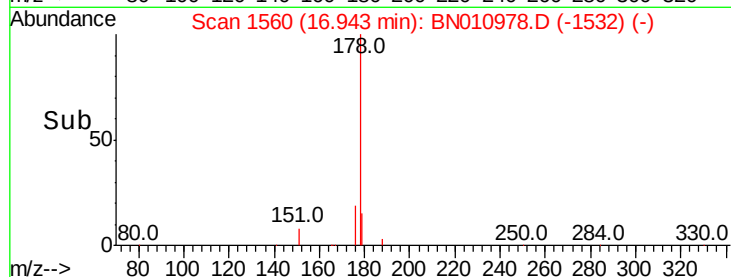
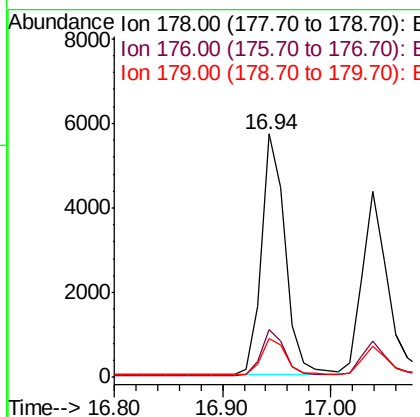
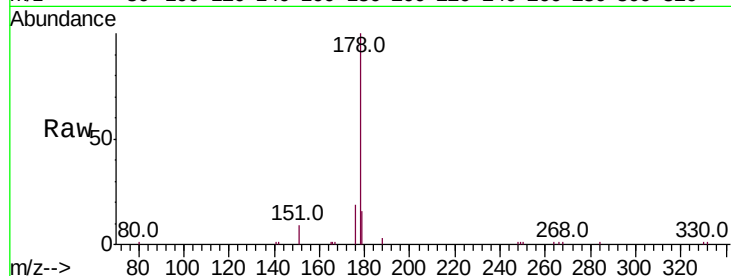
ClientSampleId :

RE139D2-20200616MS

Tot Ion:178	Resp:	8672
Ion Ratio	Lower	Upper
178	100	
176	18.6	15.3 22.9
179	15.6	12.6 19.0

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#24

Anthracene

Concen: 0.351 ng

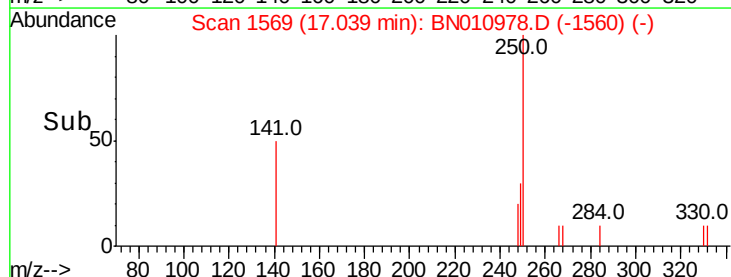
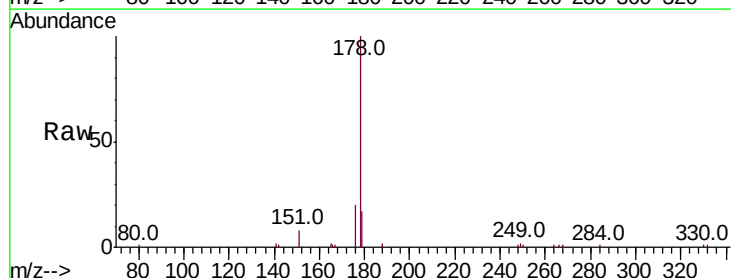
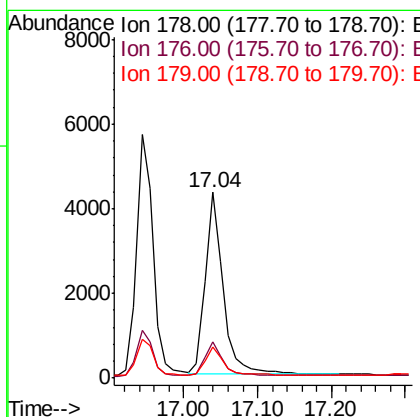
RT: 17.04 min Scan# 1569

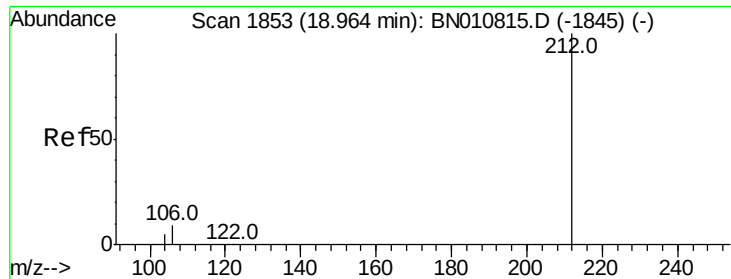
Delta R.T. -0.00 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Tgt Ion:178	Resp:	7160
Ion Ratio	Lower	Upper
178	100	
176	18.3	14.6 22.0
179	15.4	12.3 18.5





#25

Fluoranthene-d10

Concen: 0.406 ng

RT: 18.94 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Instrument :

BNA_N

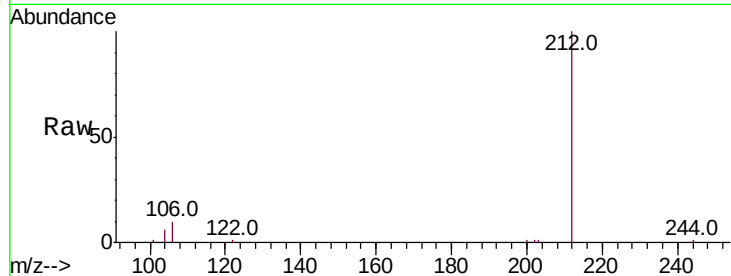
ClientSampleId :

RE139D2-20200616MS

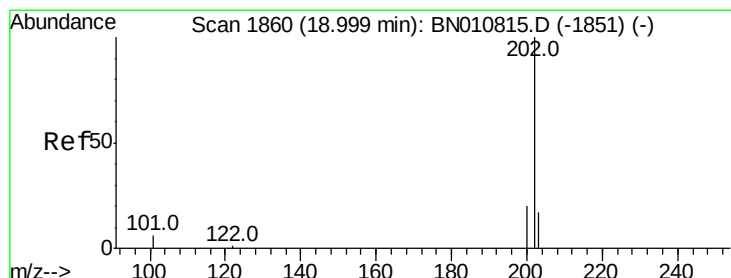
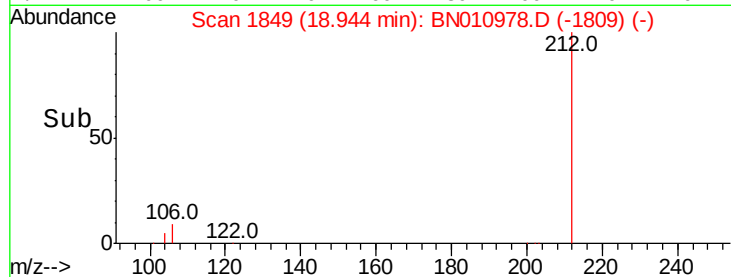
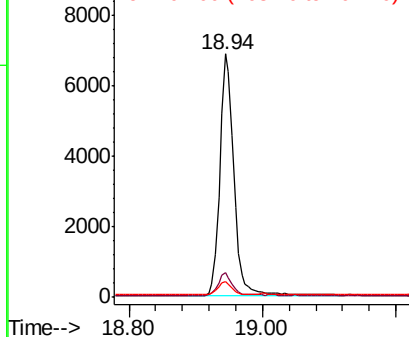
Tot Ion:	212	Resp:	10033
Ion Ratio	Lower	Upper	
212	100		
106	8.9	6.6	10.0
104	5.2	4.0	6.0

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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: 0.399 ng

RT: 18.97 min Scan# 1855

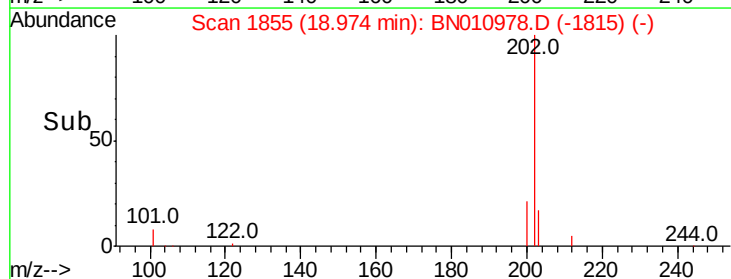
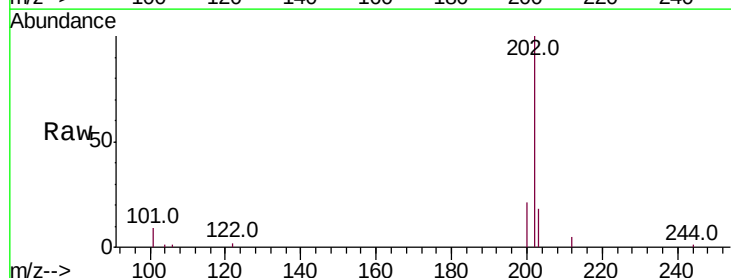
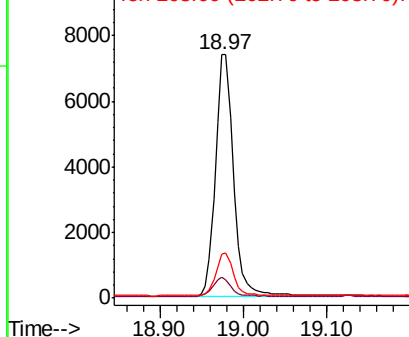
Delta R.T. -0.00 min

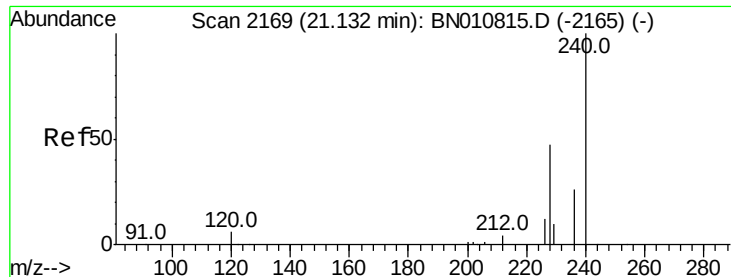
Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Tgt Ion:	202	Resp:	11079
Ion Ratio	Lower	Upper	
202	100		
101	8.1	5.8	8.6
203	17.0	13.7	20.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Instrument :

BNA_N

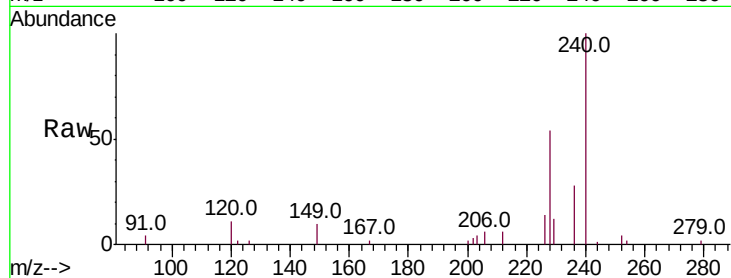
ClientSampleId :

RE139D2-20200616MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	7.5	11.3#
236	28.4	22.3	33.5

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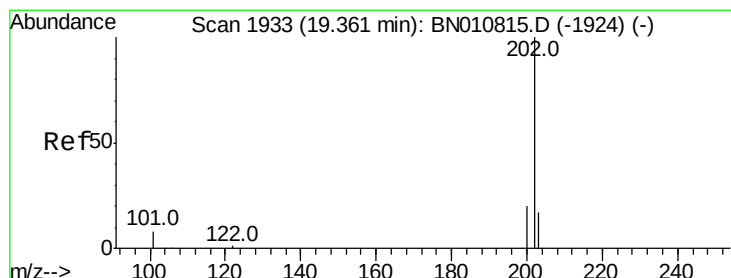
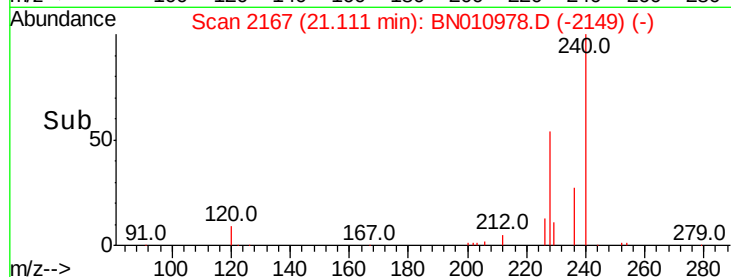
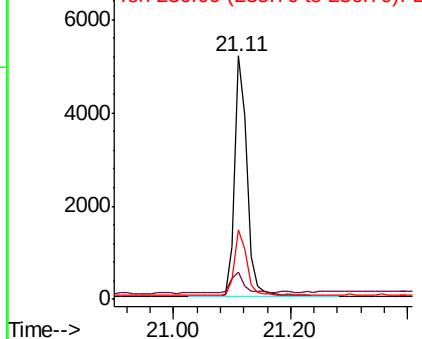
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.410 ng

RT: 19.34 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BN010978.D

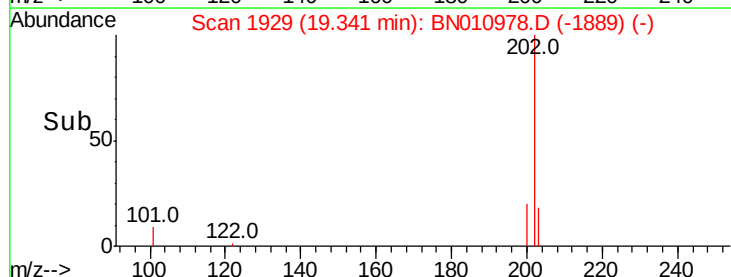
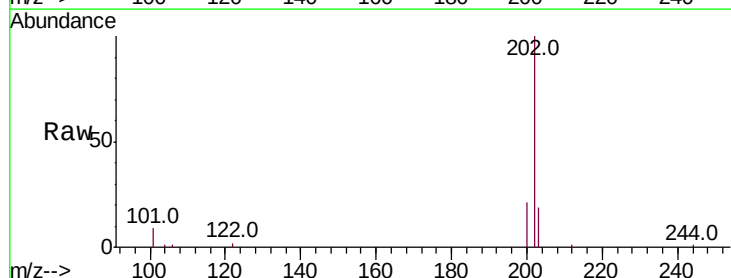
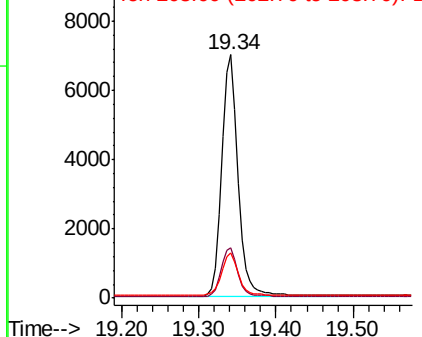
Acq: 19 Jun 2020 19:59

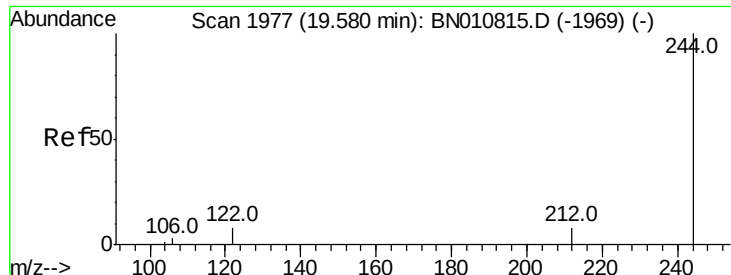
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	18.0	14.2	21.4

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





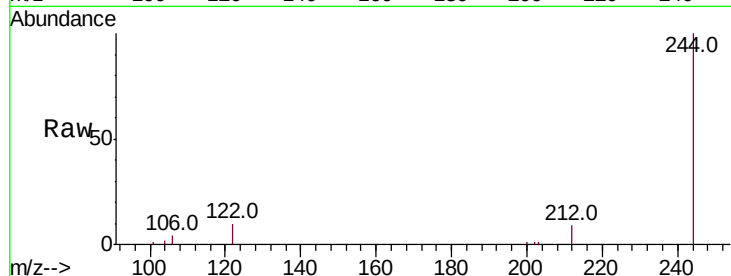
#29
 Terphenyl-d14
 Concen: 0.558 ng
 RT: 19.56 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BN010978.D
 Acq: 19 Jun 2020 19:59

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20200616MS

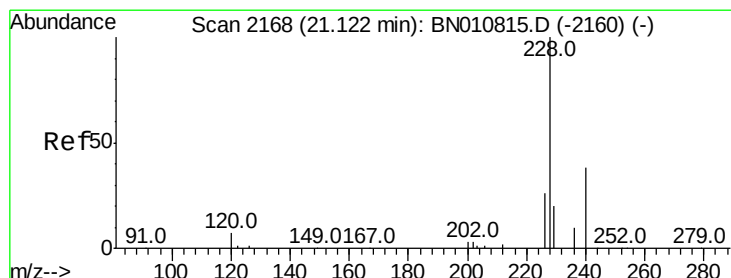
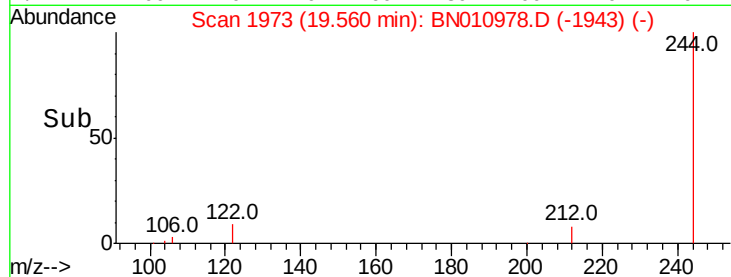
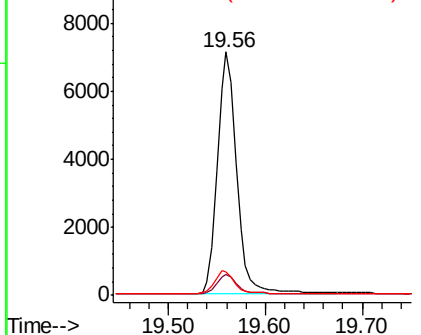
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.2
122	9.6	7.5	11.3

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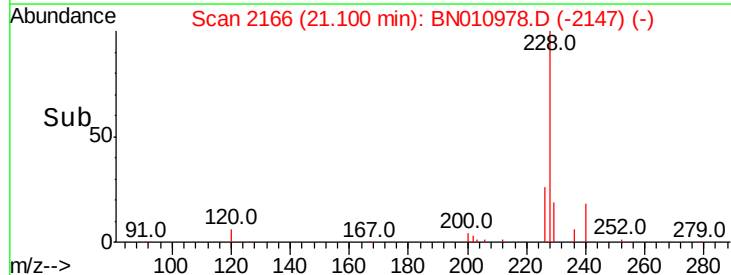
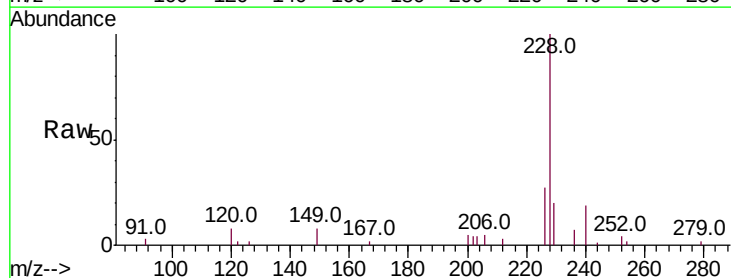
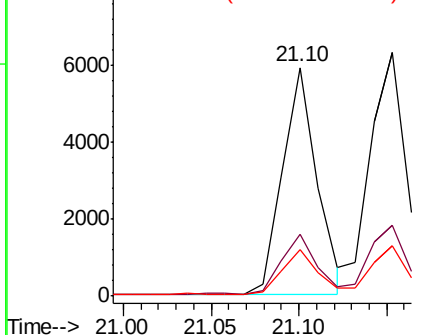
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

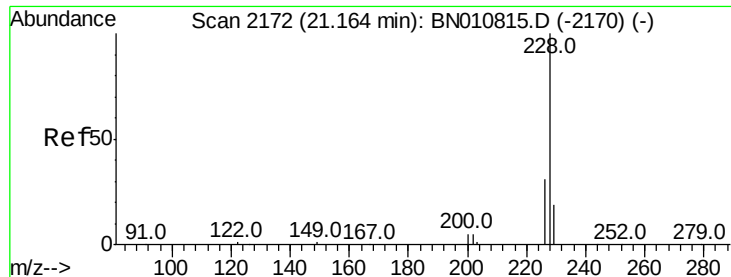


#30
 Benzo(a)anthracene
 Concen: 0.363 ng
 RT: 21.10 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BN010978.D
 Acq: 19 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.3	31.9
229	20.1	16.6	24.8

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





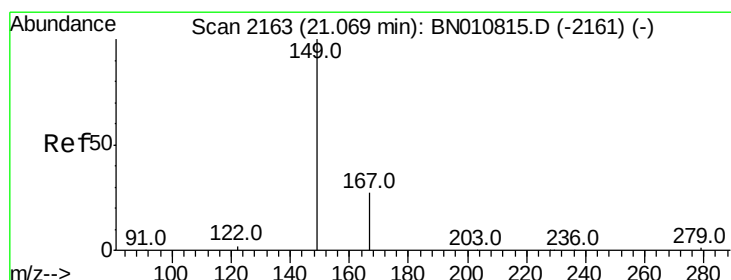
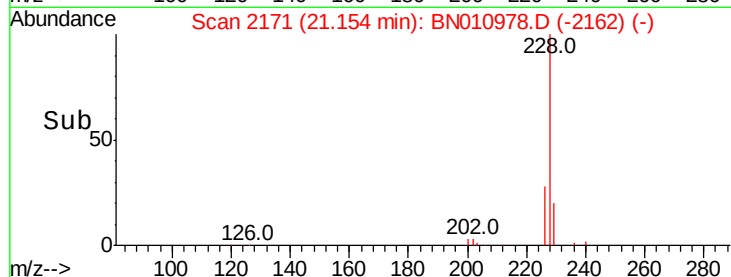
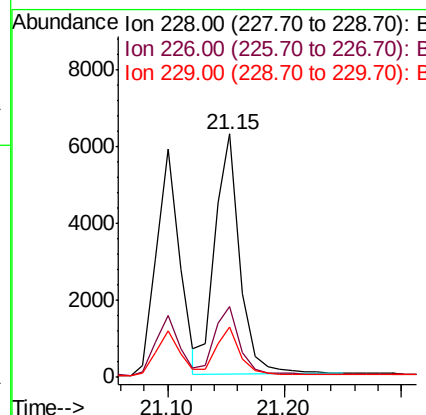
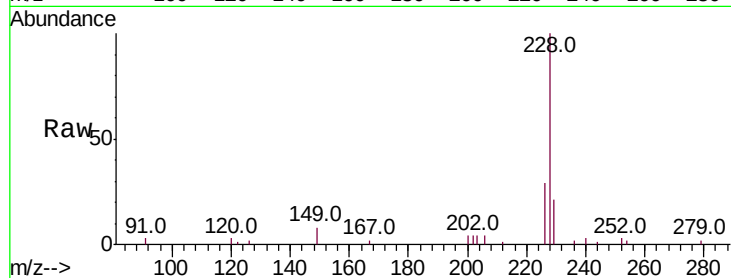
#31
Chrysene
Concen: 0.357 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN010978.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.0	37.6
229	20.7	16.1	24.1

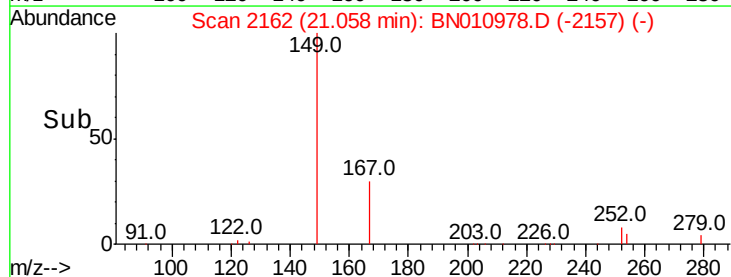
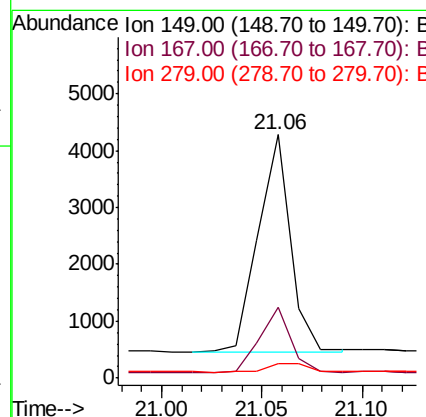
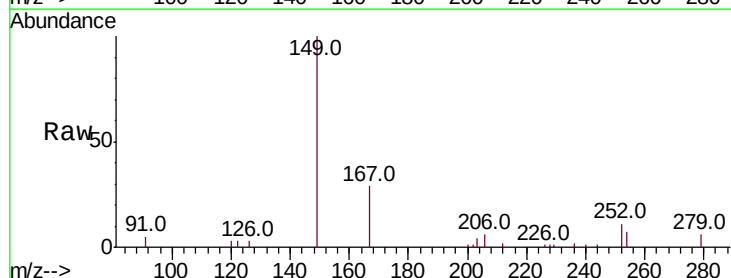
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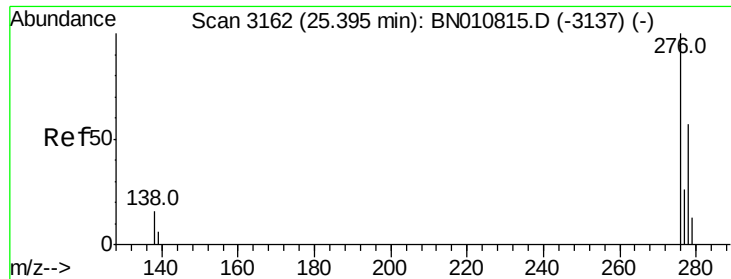
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.582 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN010978.D
Acq: 19 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	24.1	36.1
279	5.1	4.6	7.0





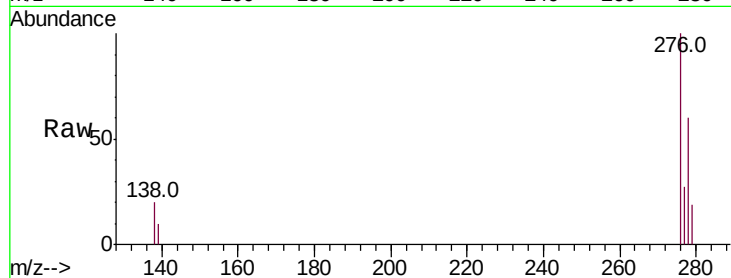
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng
RT: 25.36 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BN010978.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	13.0	19.6#
277	24.7	19.7	29.5

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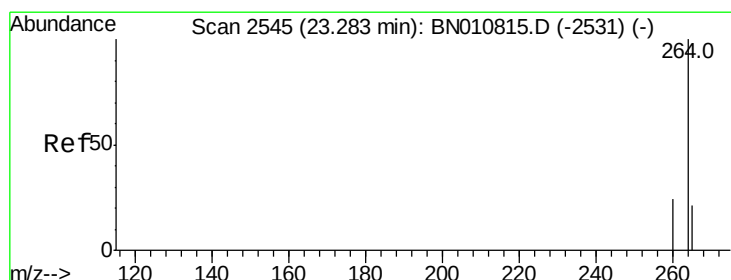
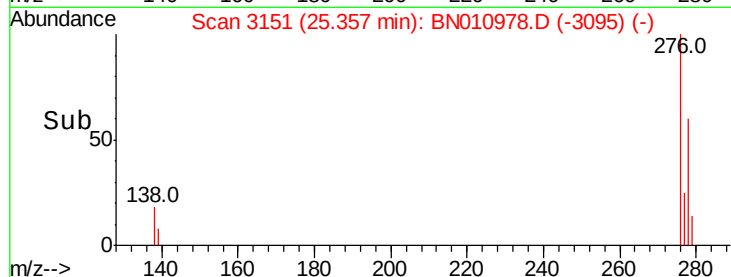
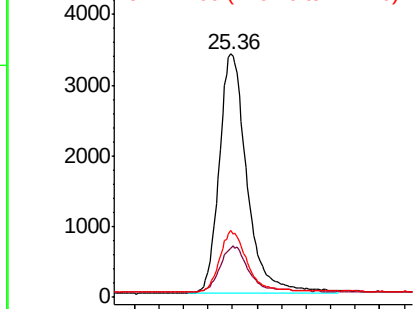


Abundance

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: 23.26 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BN010978.D
Acq: 19 Jun 2020 19:59

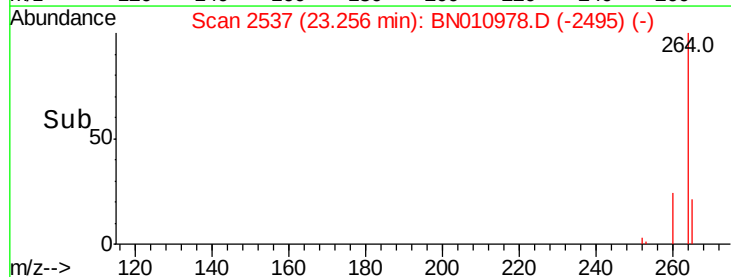
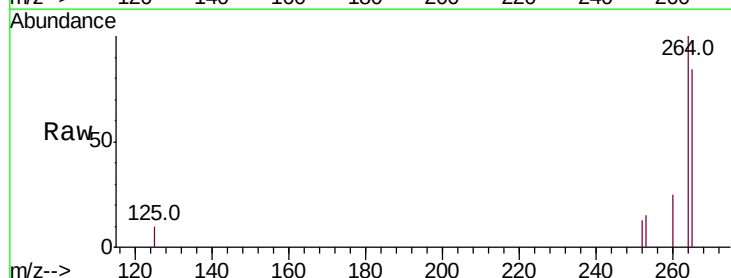
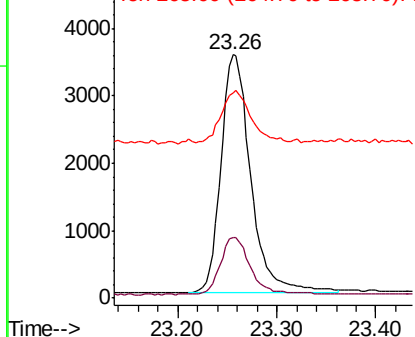
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	84.3	75.0	112.4

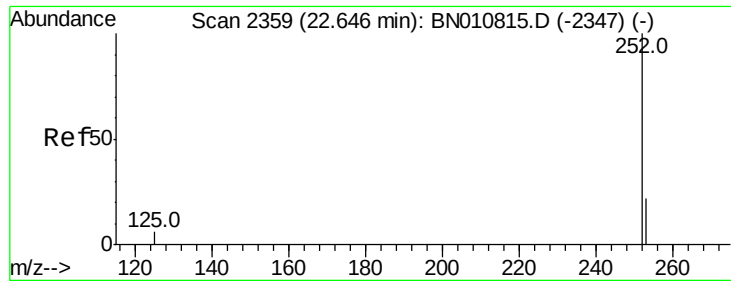
Abundance

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





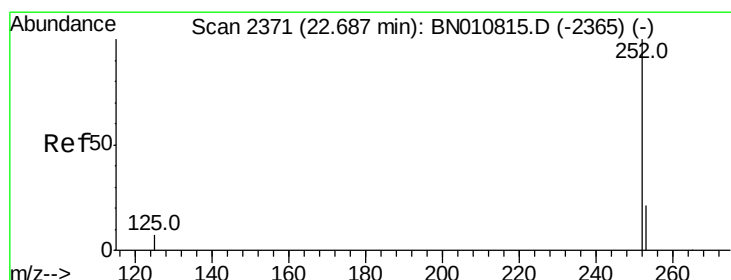
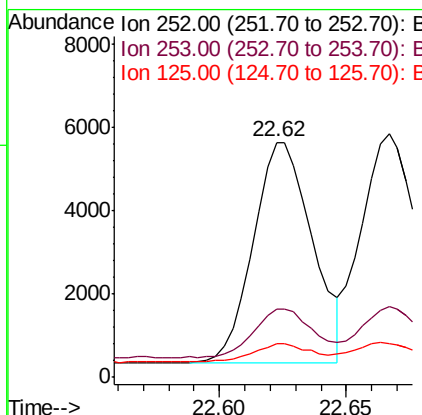
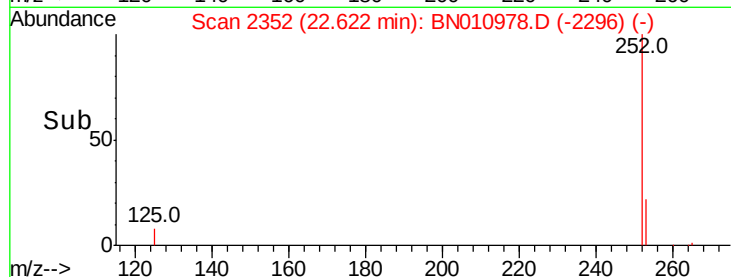
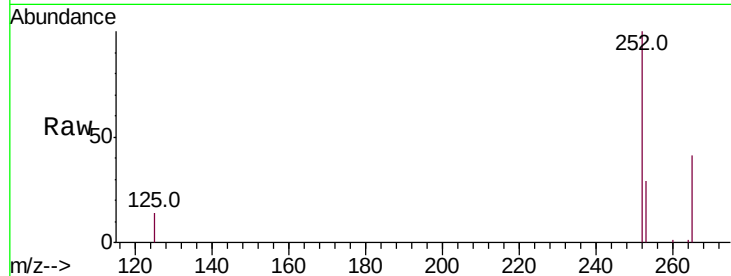
#35
Benzo(b)fluoranthene
Concen: 0.344 ng m
RT: 22.62 min Scan# 2352
Delta R.T. -0.01 min
Lab File: BN010978.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.2	22.4	33.6
125	14.2	9.4	14.0

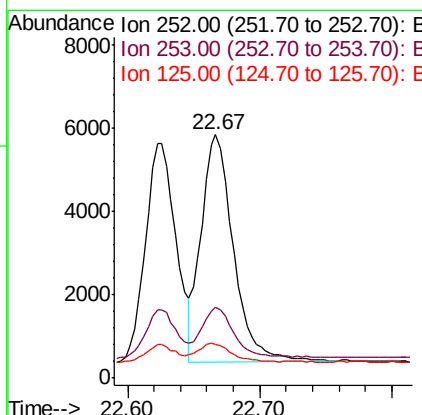
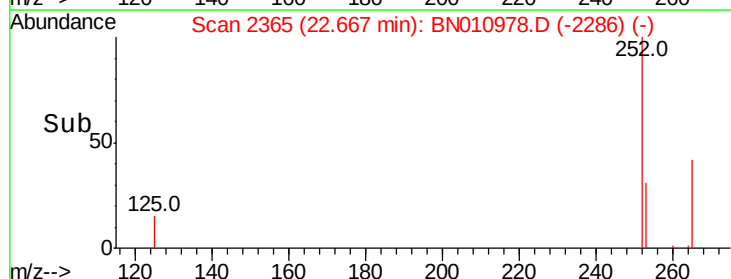
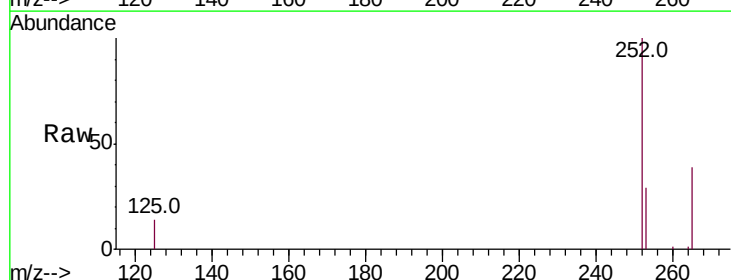
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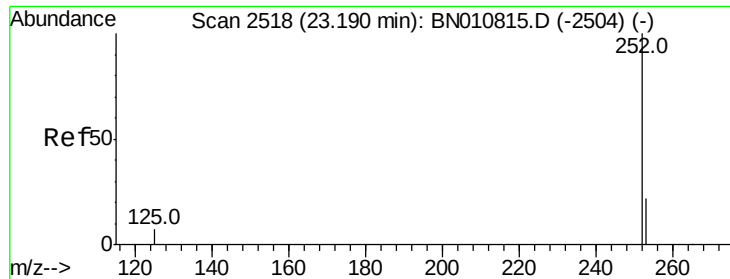
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#36
Benzo(k)fluoranthene
Concen: 0.349 ng
RT: 22.67 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BN010978.D
Acq: 19 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	22.2	33.4
125	14.0	9.8	14.8





#37

Benzo(a)pyrene

Concen: 0.338 ng

RT: 23.17 min Scan# 2511

Delta R.T. -0.00 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Instrument :

BNA_N

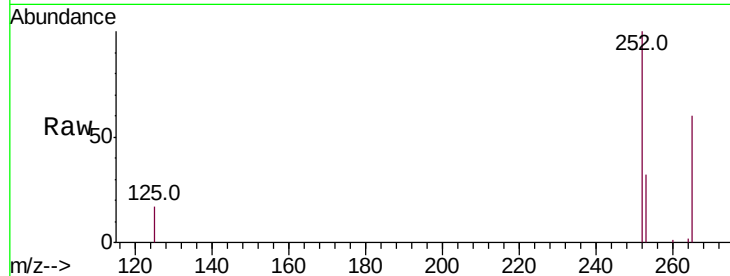
ClientSampleId :

RE139D2-20200616MS

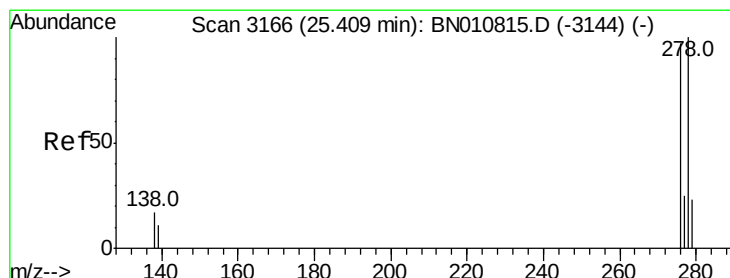
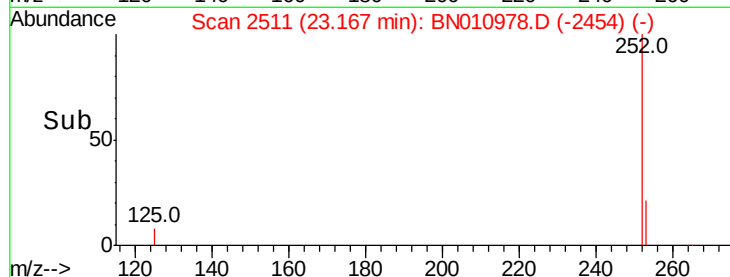
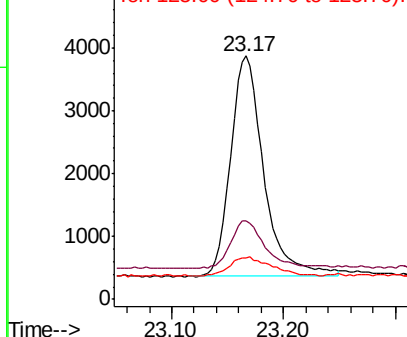
Tot Ion:	252	Resp:	7227
Ion Ratio	Lower	Upper	
252	100		
253	32.1	25.8	38.8
125	17.2	12.4	18.6

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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



#38

Dibenzo(a,h)anthracene

Concen: 0.363 ng

RT: 25.37 min Scan# 3156

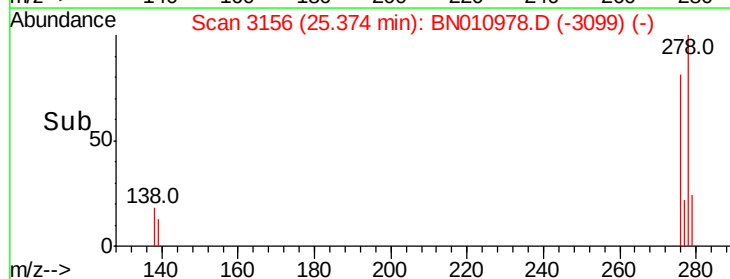
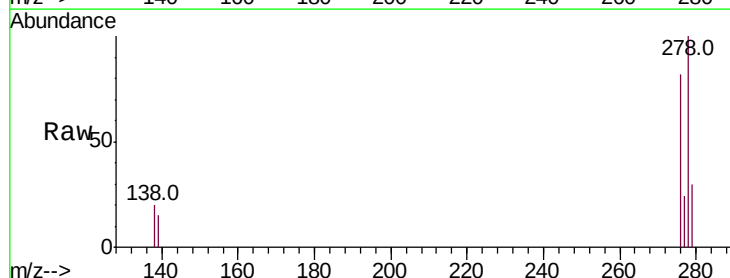
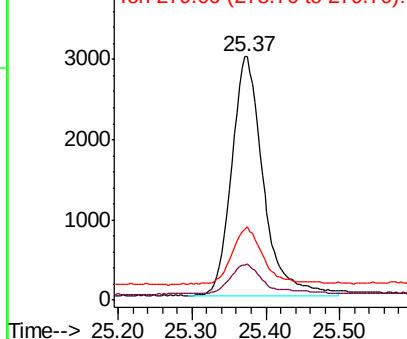
Delta R.T. -0.00 min

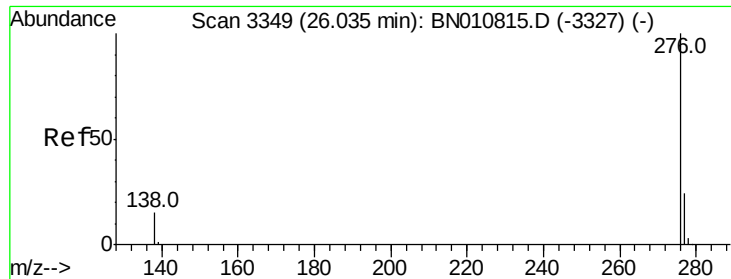
Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Tgt Ion:	278	Resp:	8867
Ion Ratio	Lower	Upper	
278	100		
139	14.9	10.6	15.8
279	29.9	23.6	35.4

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(a,h,i)perylene

Concen: 0.428 ng

RT: 25.99 min Scan# 3337

Delta R.T. -0.01 min

Lab File: BN010978.D

Acq: 19 Jun 2020 19:59

Instrument :

BNA_N

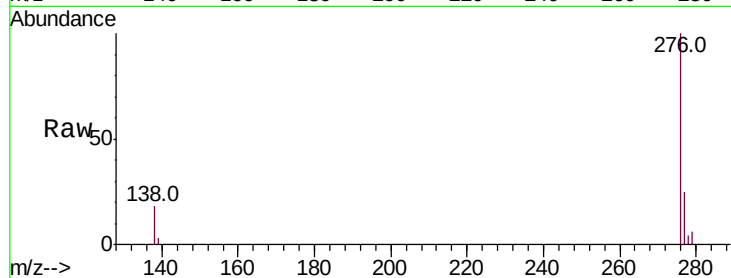
ClientSampleId :

RE139D2-20200616MS

Tot Ion:	276	Resp:	10925
Ion Ratio	Lower	Upper	
276	100		
277	24.7	20.5	30.7
138	17.6	13.7	20.5

Manual Integrations
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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

