

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
 Data File : BN012443.D
 Acq On : 29 Oct 2020 18:08
 Operator : CG/JU
 Sample : L4560-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B308-B309-LOC1-SO-0001

Manual Integrations
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Quant Time: Oct 29 18:48:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 28 10:32:42 2020
 Response via : Initial Calibration

10/30/2020 12:09:46 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	850	0.40	ng	0.00
7) Naphthalene-d8	10.352	136	3367	0.40	ng	0.00
13) Acenaphthene-d10	14.217	164	1876	0.40	ng	0.00
19) Phenanthrene-d10	16.968	188	3931	0.40	ng	0.00
29) Chrysene-d12	21.174	240	5869	0.40	ng	# 0.00
36) Perylene-d12	23.344	264	7261	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.186	112	874	0.29	ng	0.00
5) Phenol-d6	6.757	99	1131	0.32	ng	0.00
8) Nitrobenzene-d5	8.729	82	1456	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.949	152	1714	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.715	330	426	0.32	ng	-0.01
15) 2-Fluorobiphenyl	12.835	172	2809	0.40	ng	-0.01
27) Fluoranthene-d10	19.003	212	4424	0.36	ng	0.00
31) Terphenyl-d14	19.613	244	5144	0.37	ng	0.00
Target Compounds						
17) Acenaphthene	14.281	154	1360	0.23	ng	Qvalue 93
18) Fluorene	15.271	166	1215	0.16	ng	99
25) Phenanthrene	17.005	178	57070	4.98	ng	98
26) Anthracene	17.102	178	10595	1.00	ng	# 92
28) Fluoranthene	19.038	202	228259	16.73	ng	99
30) Pyrene	19.400	202	199083	10.03	ng	# 94
32) Benzo(a)anthracene	21.153	228	160971	9.01	ng	99
33) Chrysene	21.206	228	171627m	8.57	ng	
34) Bis(2-ethylhexyl)phtha...	21.099	149	502	0.04	ng	94
35) Indeno(1,2,3-cd)pyrene	25.500	276	87907	3.05	ng	99
37) Benzo(b)fluoranthene	22.700	252	207181	9.04	ng	96
38) Benzo(k)fluoranthene	22.738	252	71362m	2.86	ng	
39) Benzo(a)pyrene	23.248	252	130160	5.86	ng	94
40) Dibenzo(a,h)anthracene	25.507	278	31692	1.26	ng	# 97
41) Benzo(g,h,i)perylene	26.161	276	92706	3.51	ng	98

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

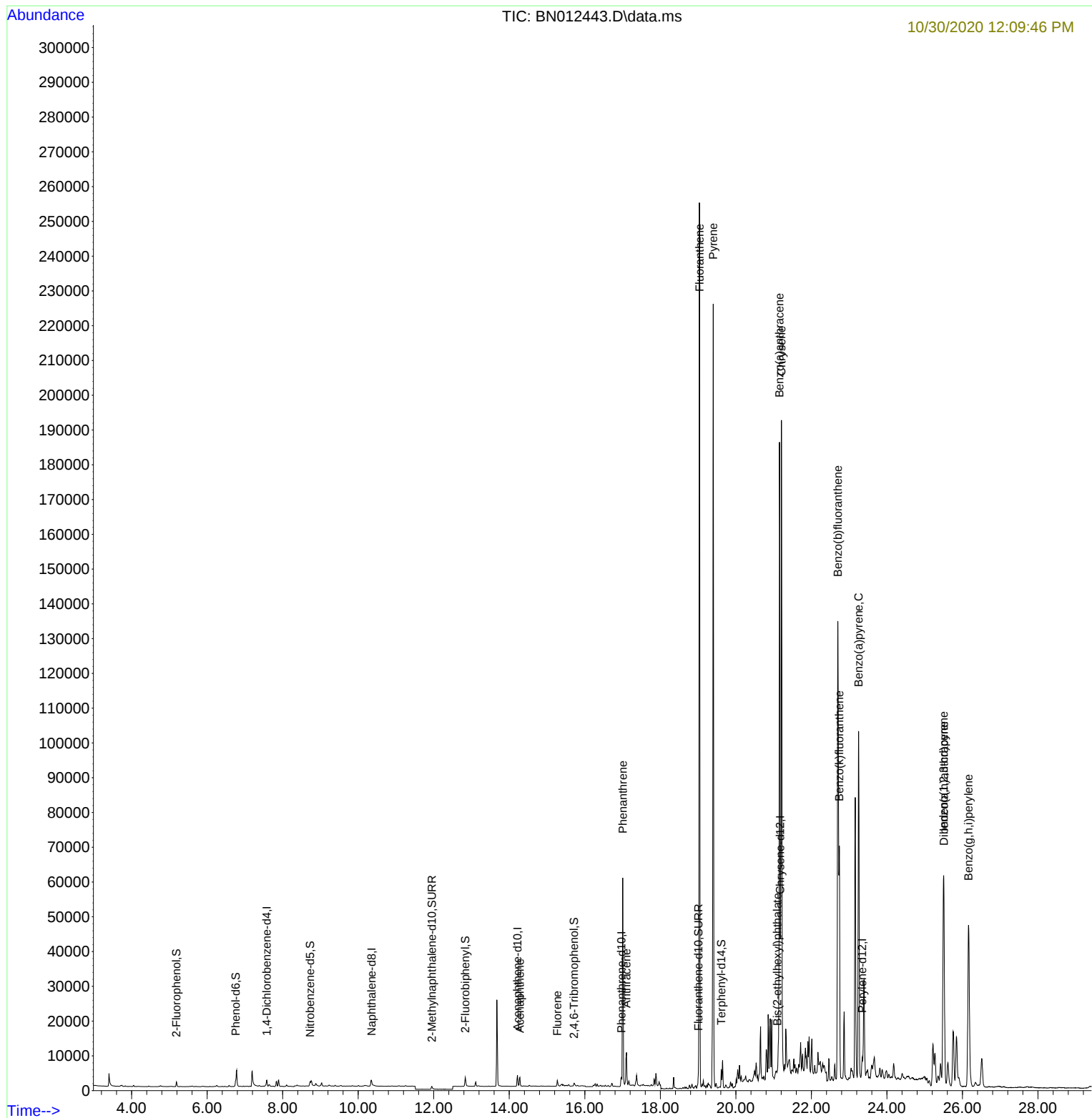
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
Data File : BN012443.D
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Operator : CG/JU
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ALS Vial : 14 Sample Multiplier: 1

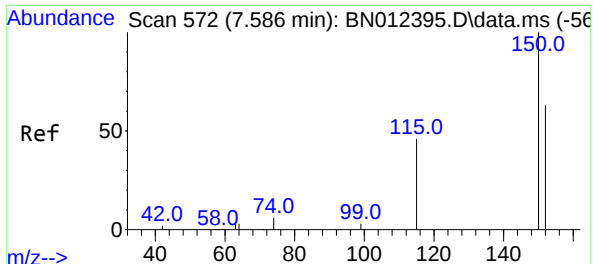
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#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.578 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

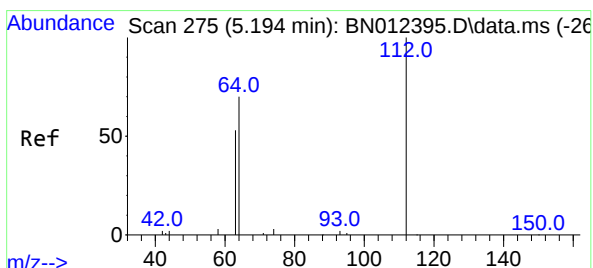
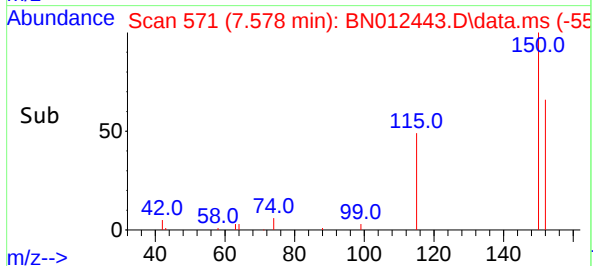
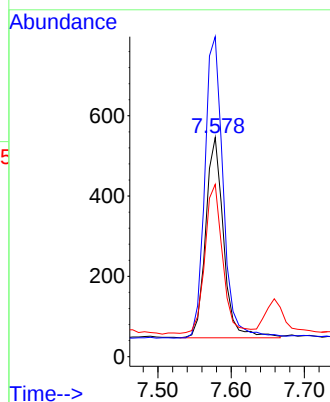
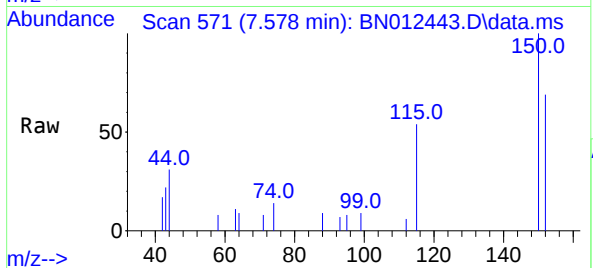
Tgt Ion:152 Resp: 850
Ion Ratio Lower Upper
152 100
150 146.0 116.6 174.8
115 78.6 52.9 79.3

Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001

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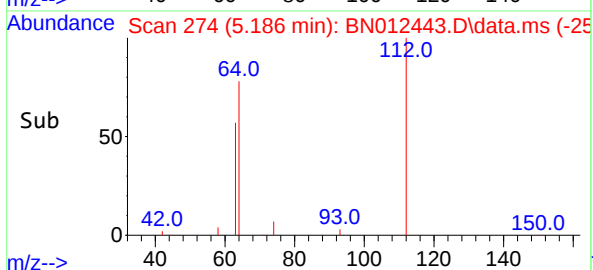
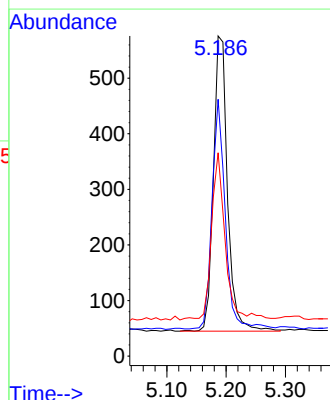
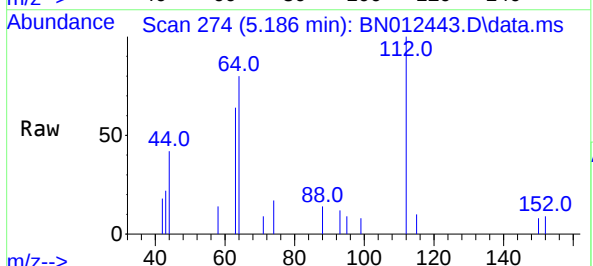
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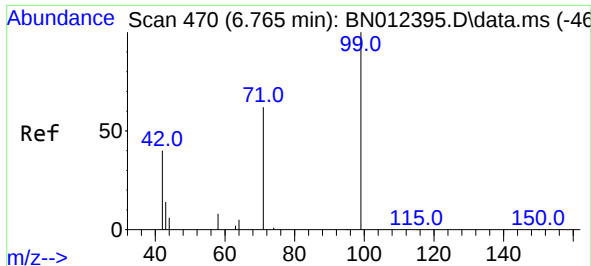
10/30/2020 12:09:46 PM



#4
2-Fluorophenol
Concen: 0.29 ng
RT: 5.186 min Scan# 274
Delta R.T. -0.008 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:112 Resp: 874
Ion Ratio Lower Upper
112 100
64 72.9 49.5 74.3
63 51.1 32.0 48.0#





#5
Phenol-d6
Concen: 0.32 ng
RT: 6.757 min Scan# 469
Delta R.T. -0.008 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

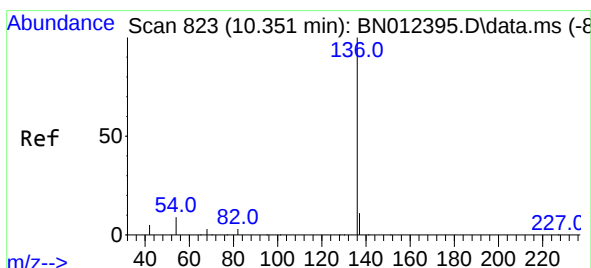
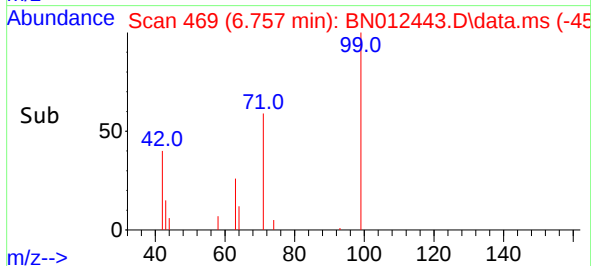
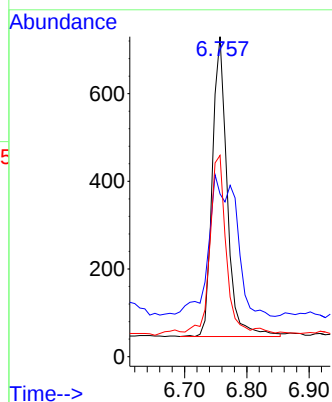
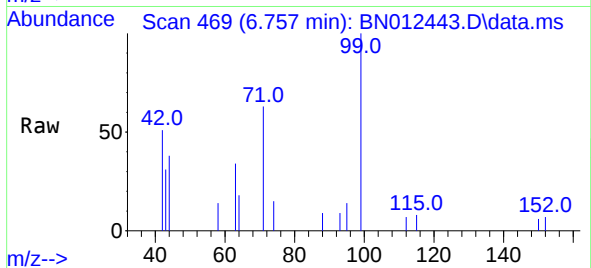
Tgt Ion:	99	Resp:	1131
Ion	Ratio	Lower	Upper
99	100		
42	88.5	22.4	33.6#
71	61.5	37.8	56.6#

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B308-B309-LOC1-SO-0001

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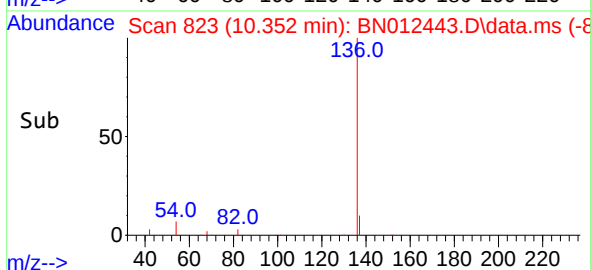
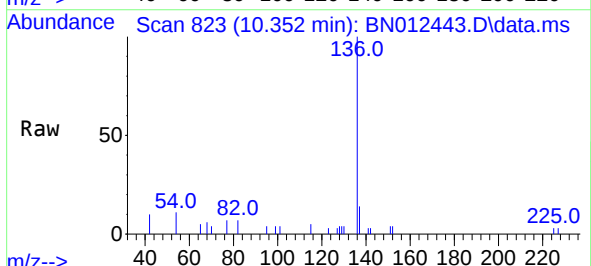
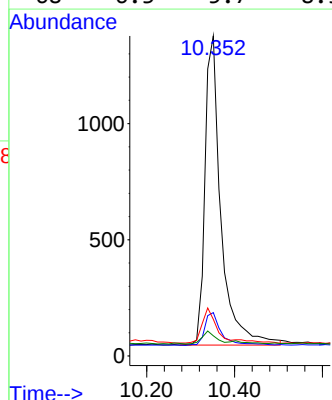
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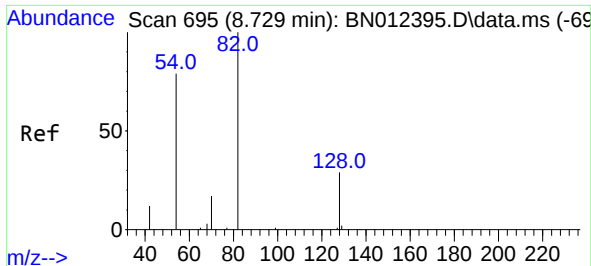
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#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.352 min Scan# 823
Delta R.T. 0.000 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:	136	Resp:	3367
Ion	Ratio	Lower	Upper
136	100		
137	13.6	10.6	15.8
54	11.5	8.6	12.8
68	6.3	5.7	8.5





#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.729 min Scan# 695
Delta R.T. 0.000 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

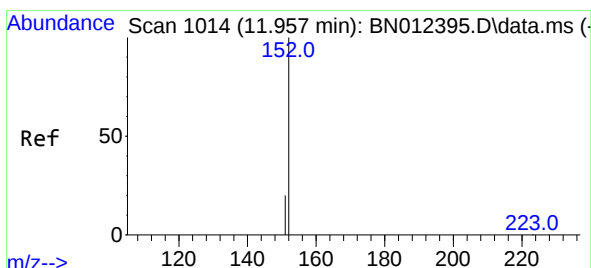
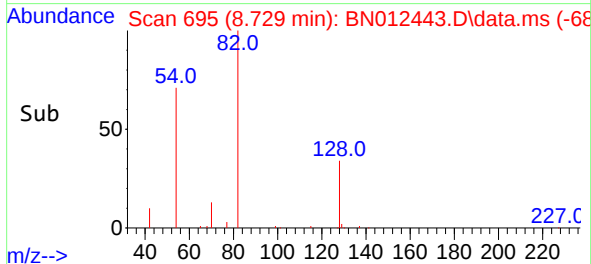
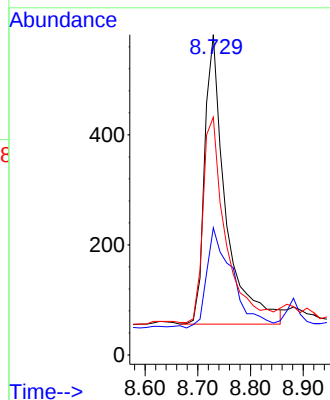
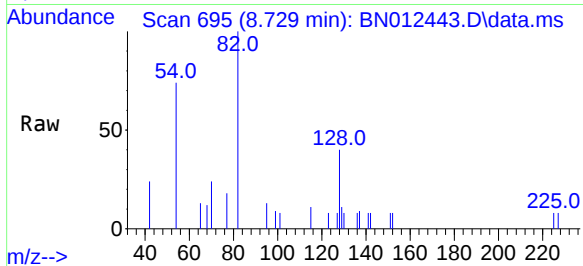
Tgt Ion: 82 Resp: 1456
Ion Ratio Lower Upper
82 100
128 39.7 30.6 46.0
54 74.2 48.3 72.5#

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BNA_N
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B308-B309-LOC1-SO-0001

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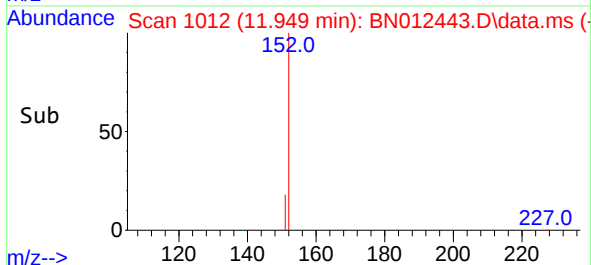
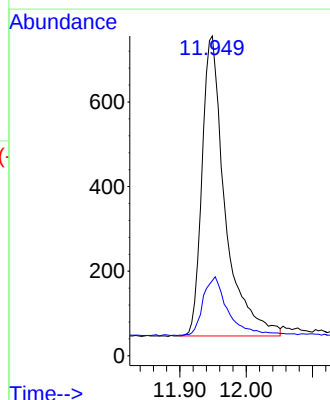
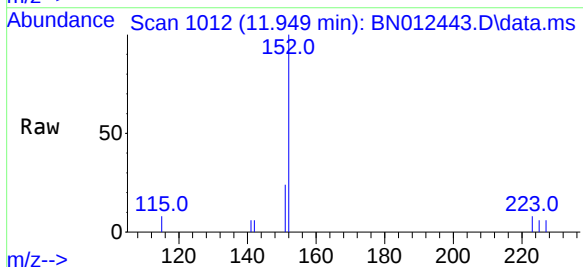
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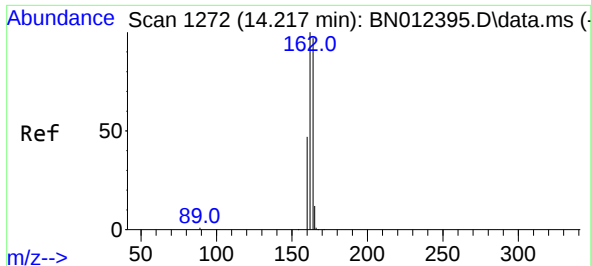
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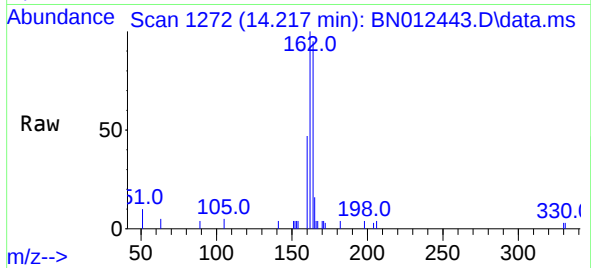
#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 11.949 min Scan# 1012
Delta R.T. -0.004 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:152 Resp: 1714
Ion Ratio Lower Upper
152 100
151 21.5 16.7 25.1



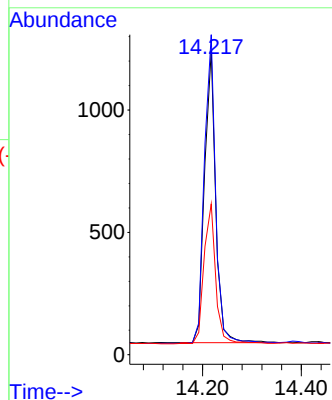


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.217 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08



Tgt Ion:164 Resp: 1876

Ion	Ratio	Lower	Upper
164	100		
162	105.3	80.6	120.8
160	49.6	39.5	59.3

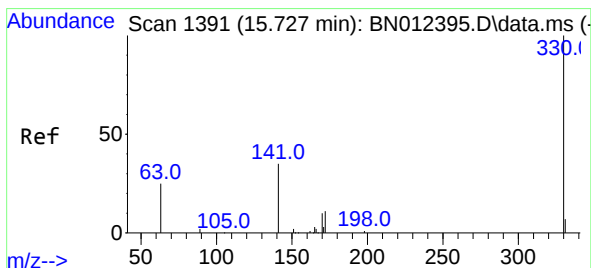


Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001

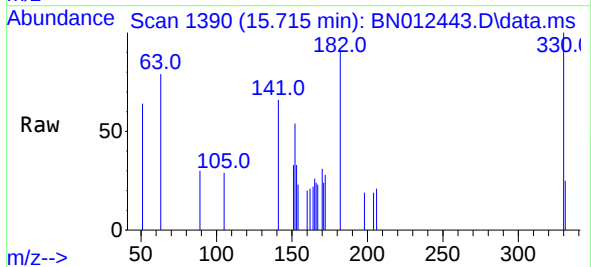
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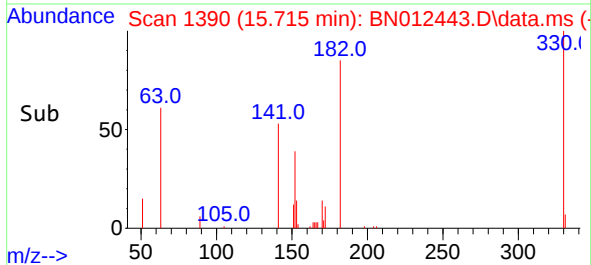
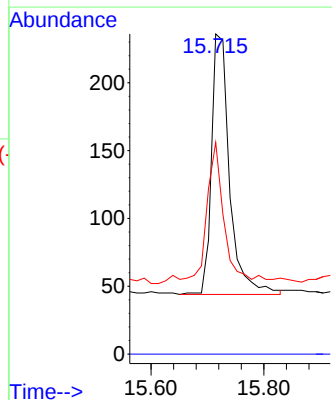


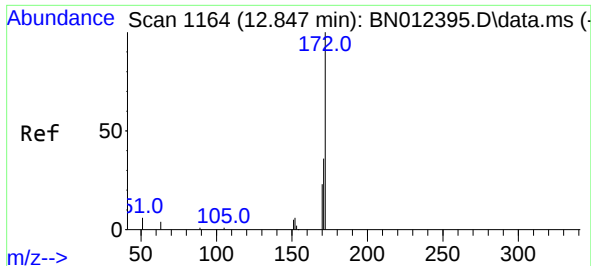
#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.715 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08



Tgt Ion:330 Resp: 426

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	46.0	34.4	51.6





#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.835 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

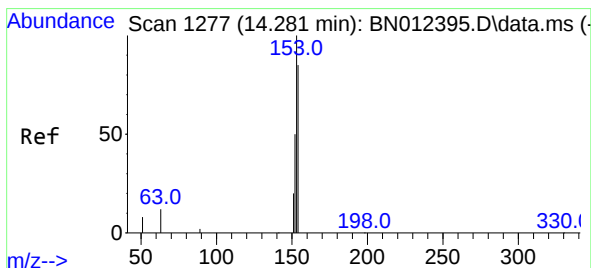
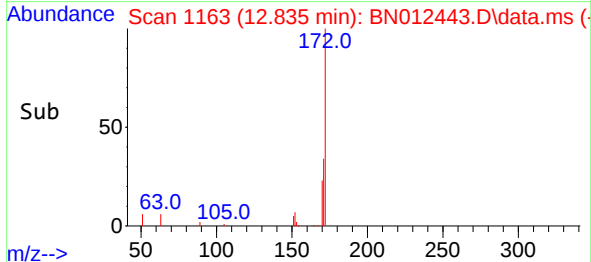
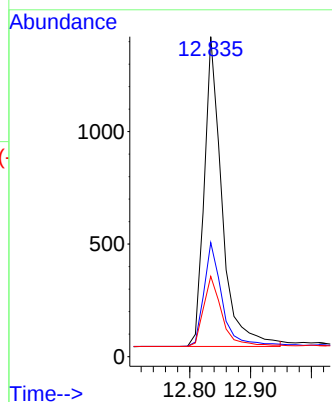
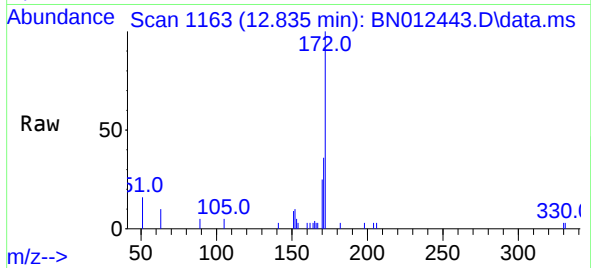
Tgt Ion:	172	Resp:	2809
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.2	42.4
170	25.1	20.0	30.0

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BNA_N
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B308-B309-LOC1-SO-0001

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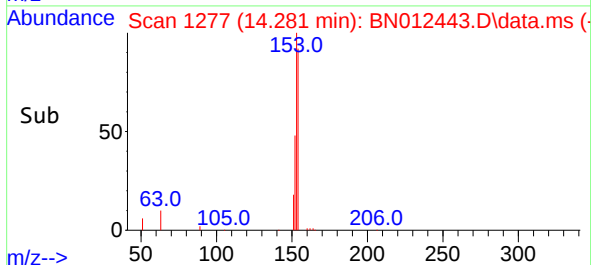
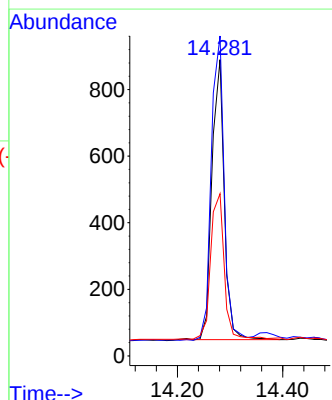
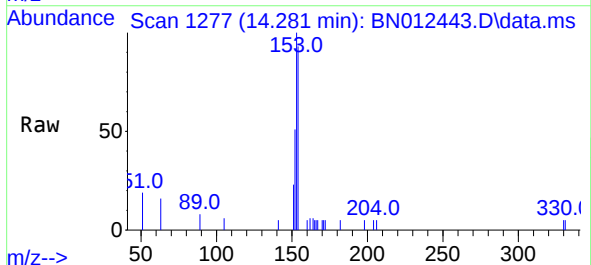
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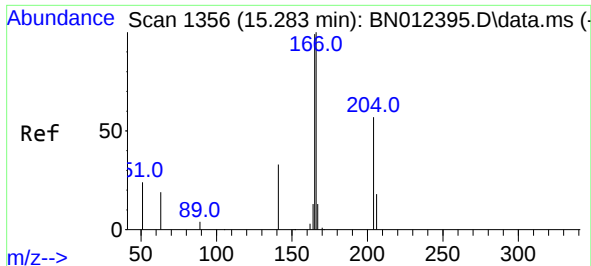
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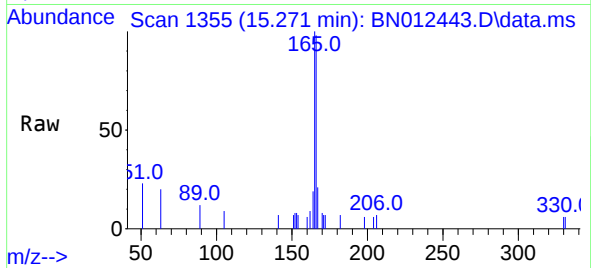
#17
Acenaphthene
Concen: 0.23 ng
RT: 14.281 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:	154	Resp:	1360
Ion Ratio	Lower	Upper	
154	100		
153	113.6	83.6	125.4
152	58.2	43.9	65.9

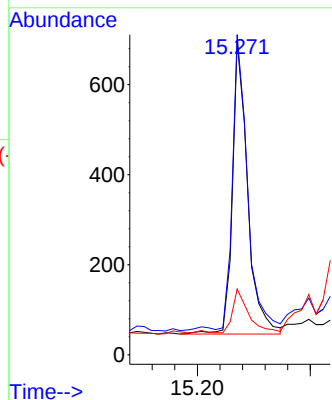




#18
Fluorene
Concen: 0.16 ng
RT: 15.271 min Scan# 1355
Delta R.T. -0.012 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08



Tgt Ion:166 Resp: 1215
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 15.4 10.7 16.1

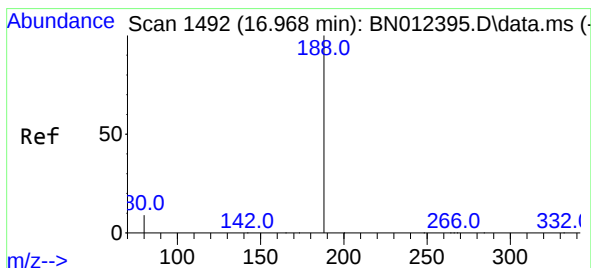


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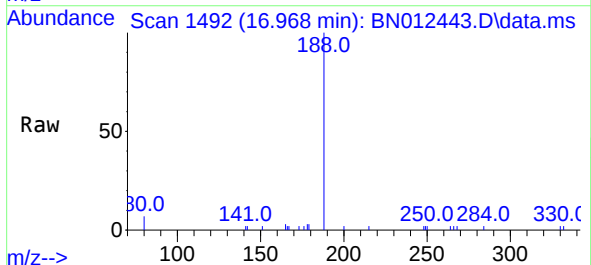
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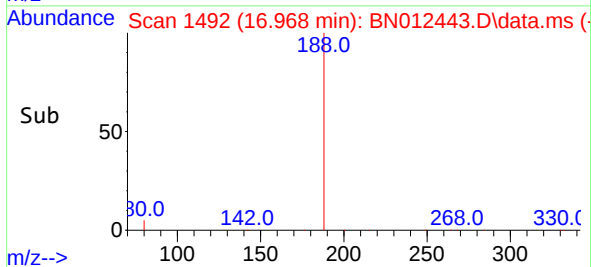
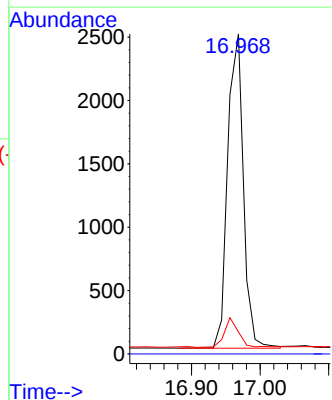
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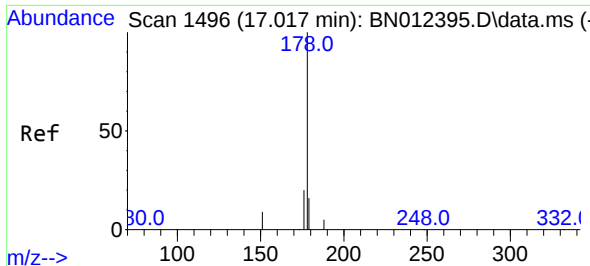


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.968 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08



Tgt Ion:188 Resp: 3931
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.9 5.0 7.4





#25
Phenanthrene
Concen: 4.98 ng
RT: 17.005 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

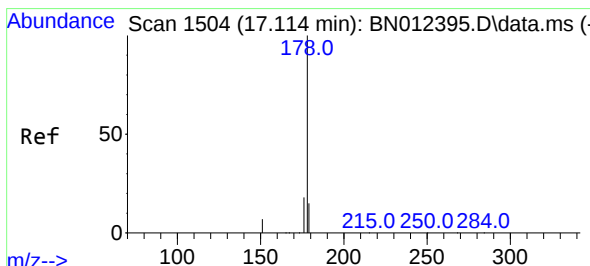
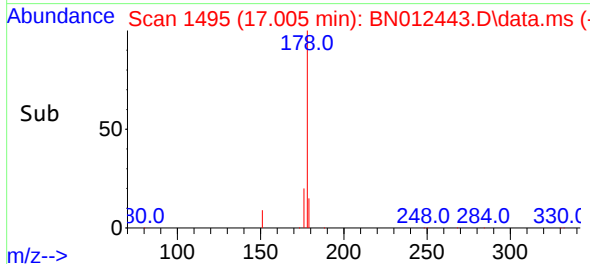
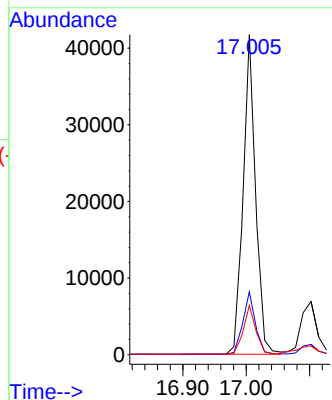
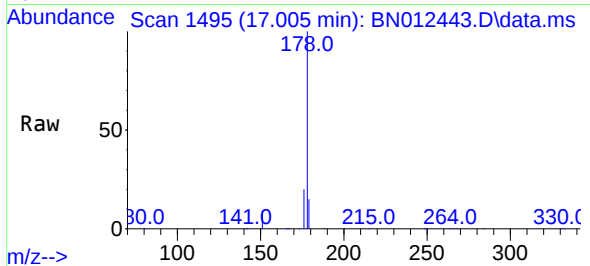
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Ion Ratio Lower Upper
178 100
176 19.8 14.8 22.2
179 15.2 12.4 18.6

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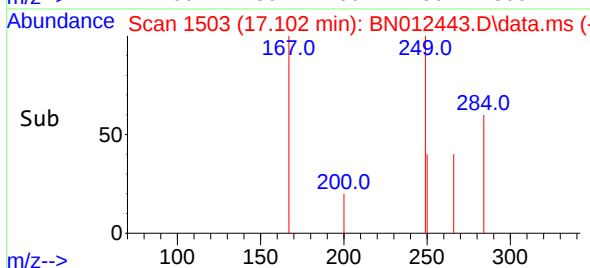
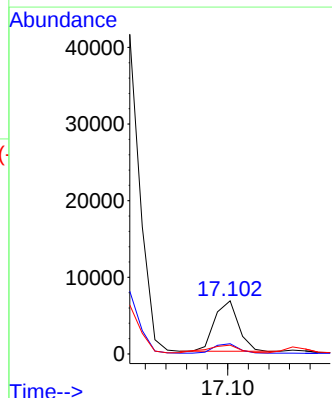
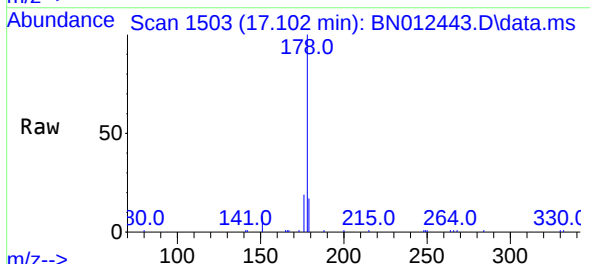
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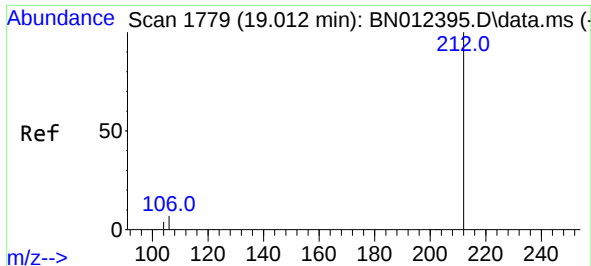
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#26
Anthracene
Concen: 1.00 ng
RT: 17.102 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:178 Resp: 10595
Ion Ratio Lower Upper
178 100
176 21.4 14.8 22.2
179 19.7 12.5 18.7#





#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.003 min Scan# 1777
Delta R.T. -0.010 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

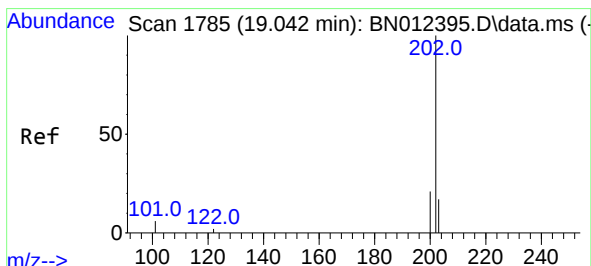
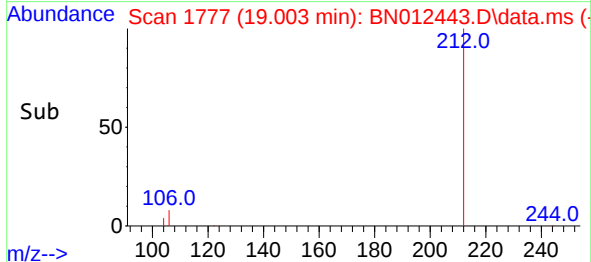
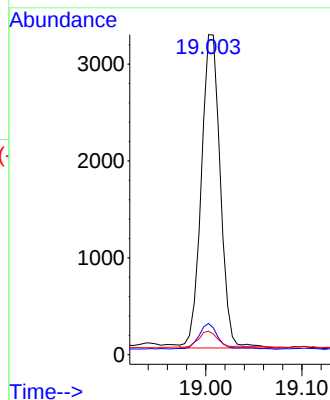
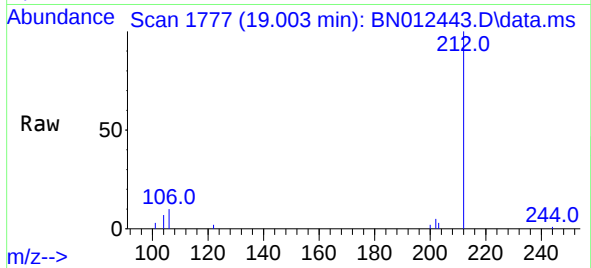
Tgt Ion:	212	Resp:	4424
Ion Ratio	Lower	Upper	
212	100		
106	7.8	6.8	10.2
104	5.6	4.1	6.1

Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001

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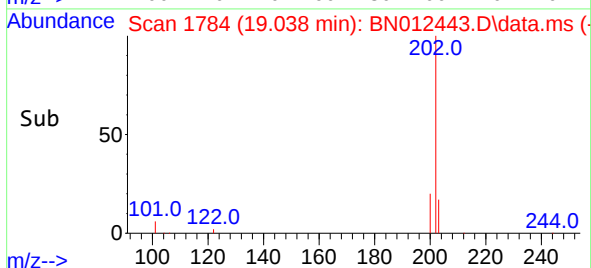
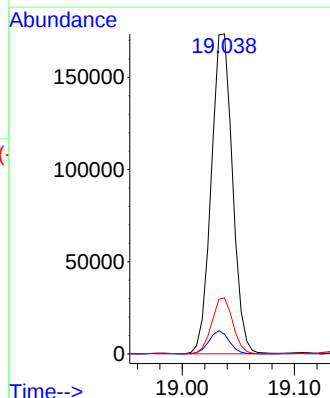
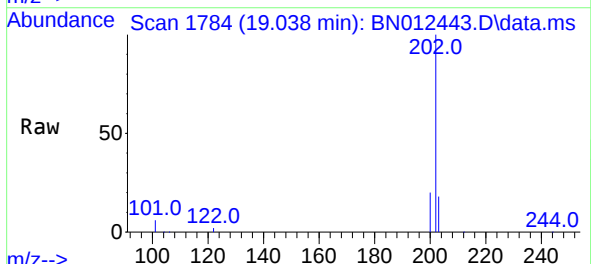
mohammad

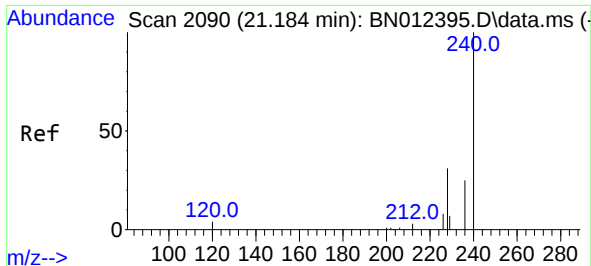
10/30/2020 12:09:46 PM



#28
Fluoranthene
Concen: 16.73 ng
RT: 19.038 min Scan# 1784
Delta R.T. -0.005 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:	202	Resp:	228259
Ion Ratio	Lower	Upper	
202	100		
101	6.9	5.8	8.6
203	17.3	13.7	20.5





#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.174 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

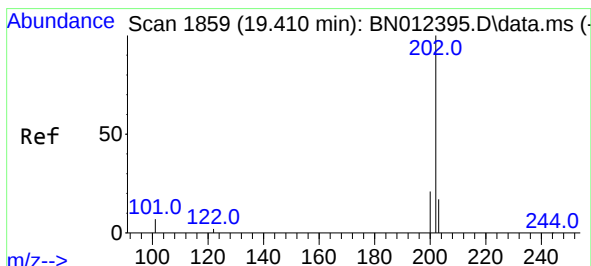
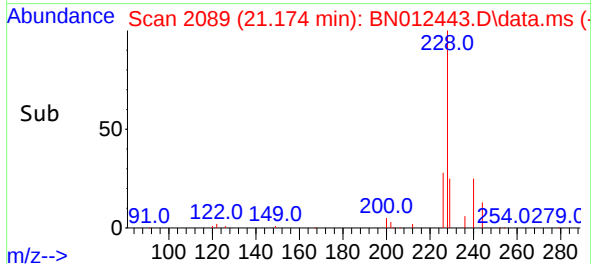
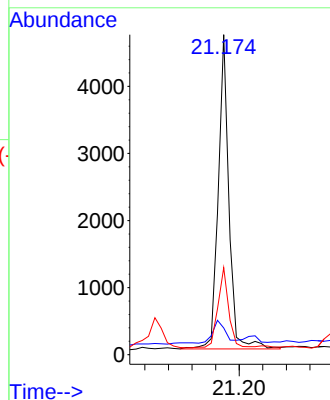
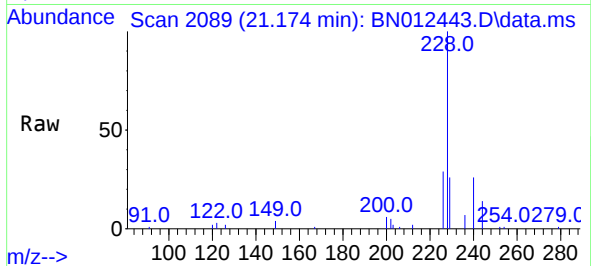
Tgt Ion:240 Resp: 5869
Ion Ratio Lower Upper
240 100
120 8.3 5.3 7.9#
236 27.2 21.8 32.8

Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001

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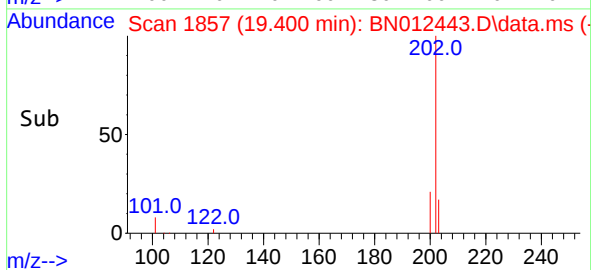
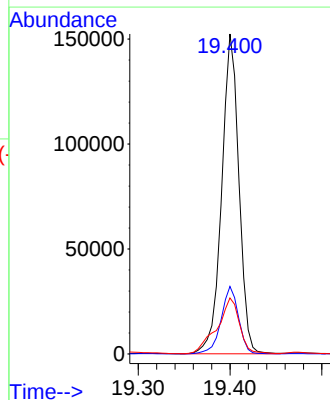
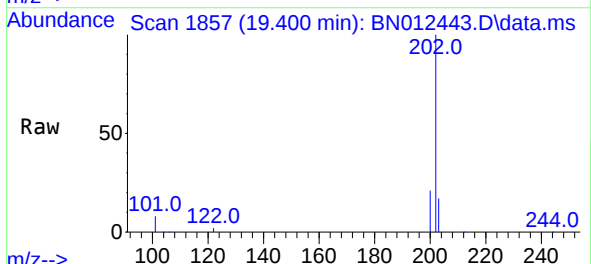
mohammad

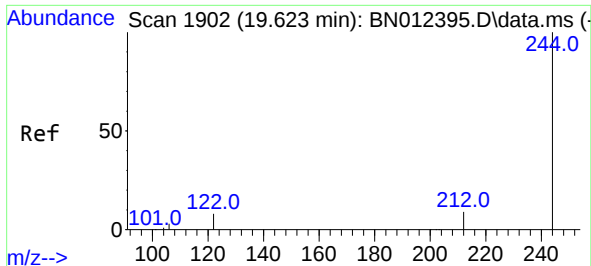
10/30/2020 12:09:46 PM



#30
Pyrene
Concen: 10.03 ng
RT: 19.400 min Scan# 1857
Delta R.T. -0.010 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:202 Resp: 199083
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 22.7 13.8 20.8#





#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.613 min Scan# 1900
Delta R.T. -0.010 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

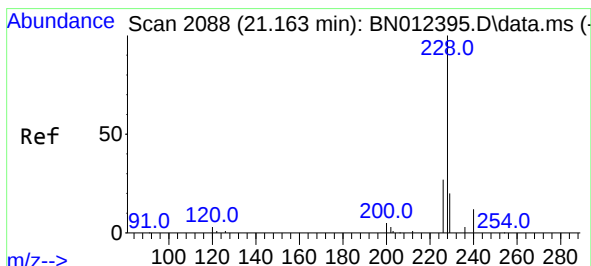
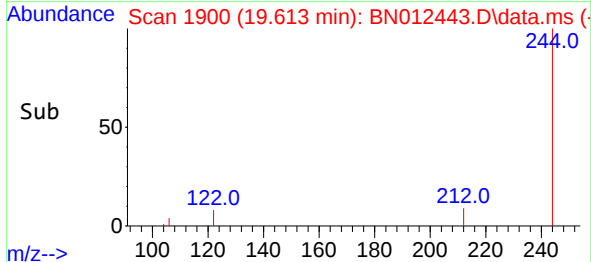
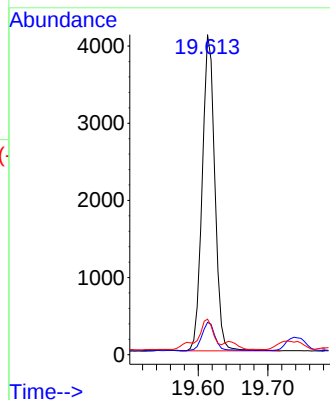
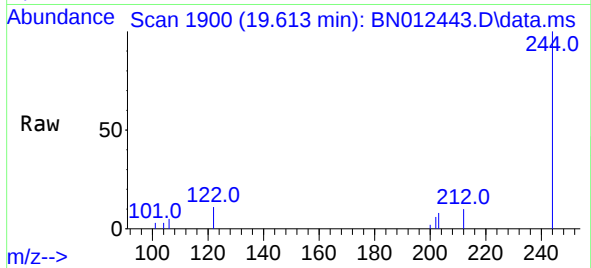
Tgt Ion:244	Resp:	5144
Ion Ratio	Lower	Upper
244	100	
212	10.1	7.3 10.9
122	11.1	7.3 10.9#

Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001

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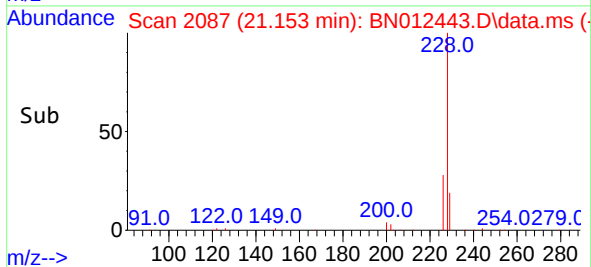
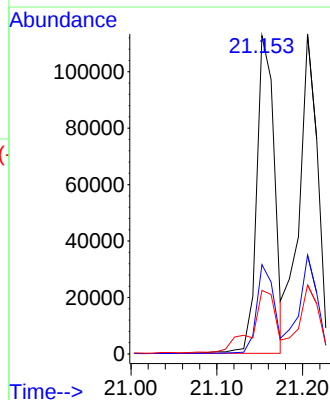
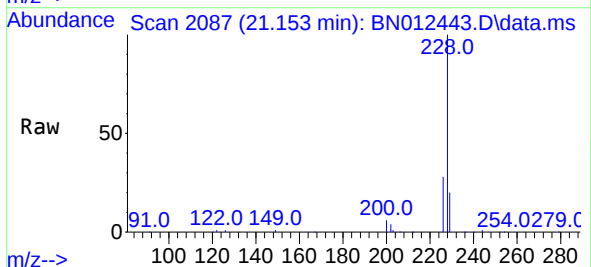
mohammad

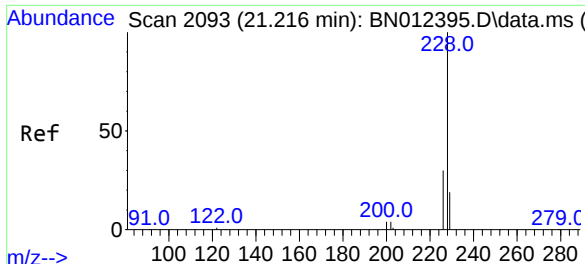
10/30/2020 12:09:46 PM



#32
Benzo(a)anthracene
Concen: 9.01 ng
RT: 21.153 min Scan# 2087
Delta R.T. -0.010 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:228	Resp:	160971
Ion Ratio	Lower	Upper
228	100	
226	28.1	22.3 33.5
229	20.0	15.7 23.5





#33
Chrysene
Concen: 8.57 ng m
RT: 21.206 min Scan# 2092
Delta R.T. -0.010 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

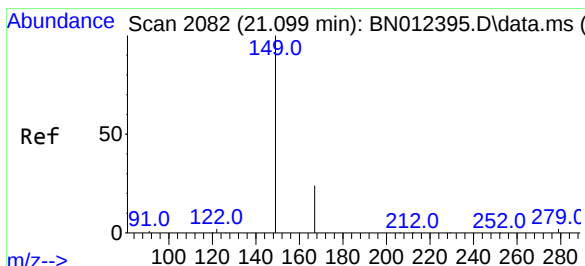
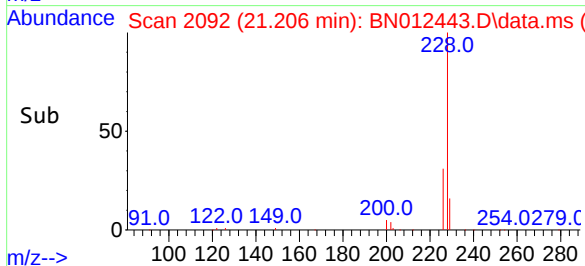
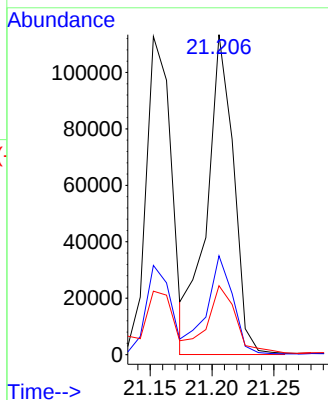
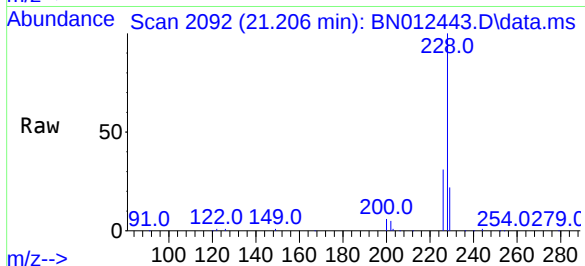
Tgt Ion:228 Resp: 171627
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 21.6 15.7 23.5

Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001

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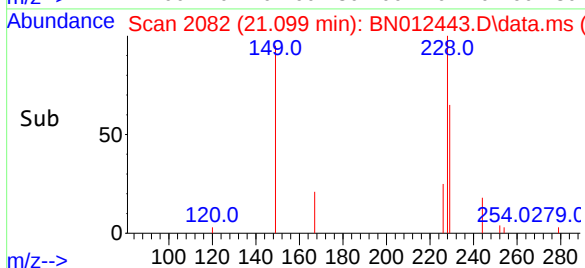
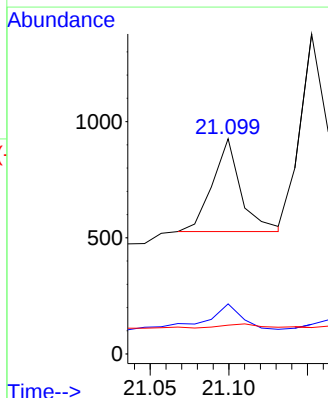
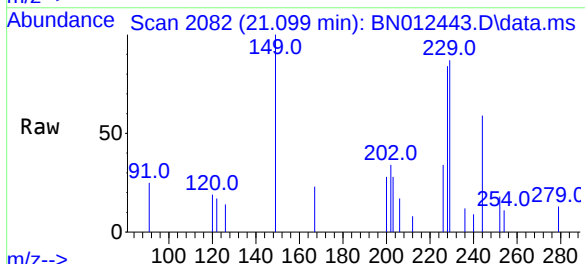
mohammad

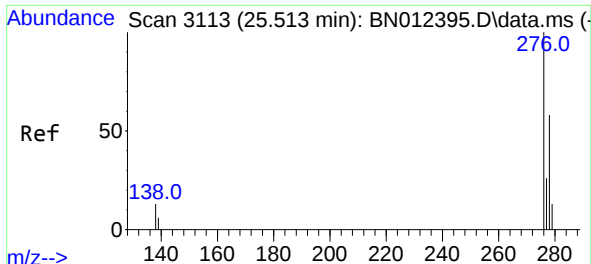
10/30/2020 12:09:46 PM



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.04 ng
RT: 21.099 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:149 Resp: 502
Ion Ratio Lower Upper
149 100
167 25.3 23.2 34.8
279 5.4 3.9 5.9





#35
Indeno(1,2,3-cd)pyrene
Concen: 3.05 ng
RT: 25.500 min Scan# 3109
Delta R.T. -0.010 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

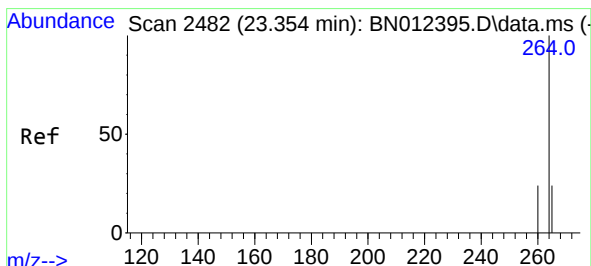
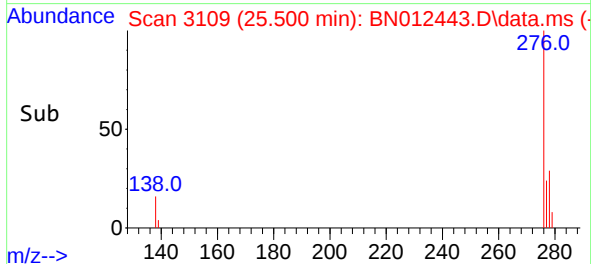
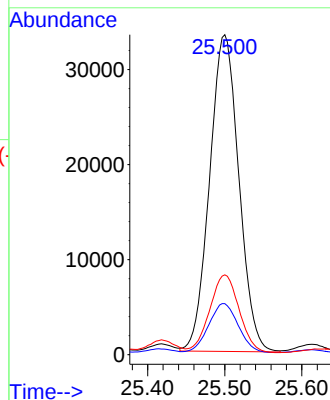
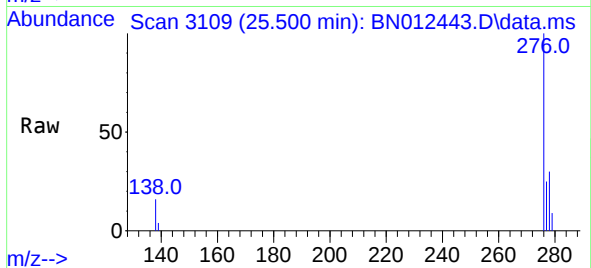
Tgt Ion:	276	Resp:	87907
Ion Ratio	Lower	Upper	
276	100		
138	15.9	13.3	19.9
277	24.9	20.2	30.4

Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001

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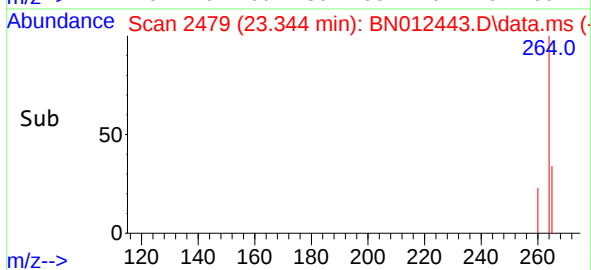
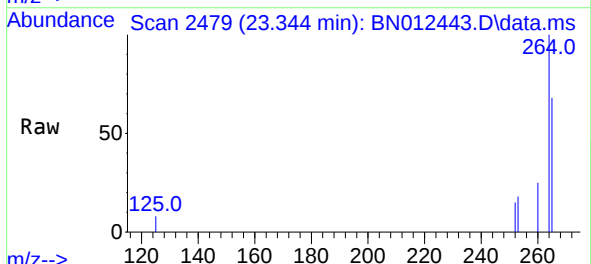
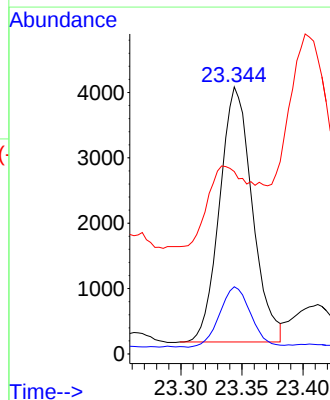
mohammad

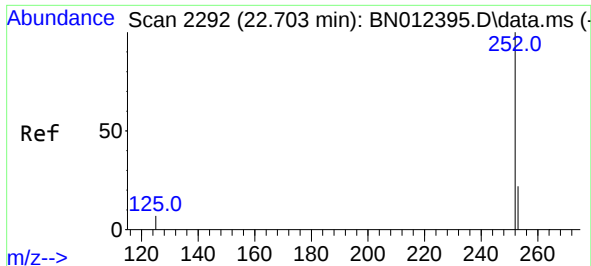
10/30/2020 12:09:46 PM



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.344 min Scan# 2479
Delta R.T. -0.010 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:	264	Resp:	7261
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.8	29.6
265	68.3	51.4	77.0





#37
Benzo(b)fluoranthene
Concen: 9.04 ng
RT: 22.700 min Scan# 2291
Delta R.T. -0.003 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

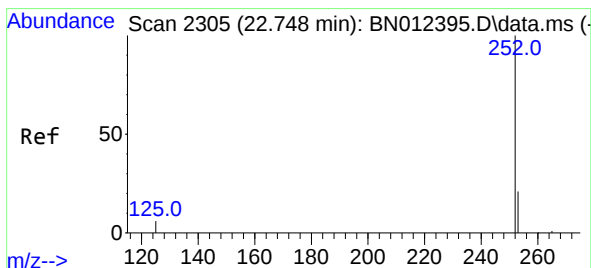
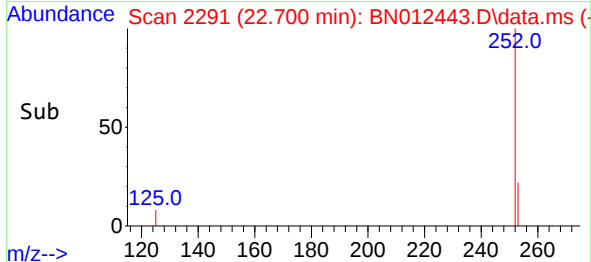
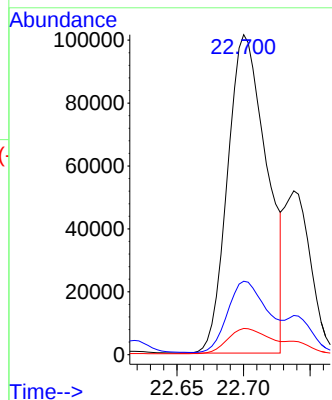
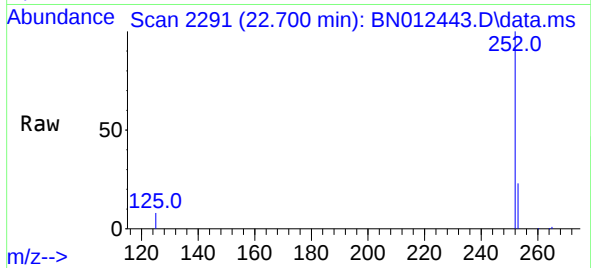
Tgt Ion:252 Resp: 207181
Ion Ratio Lower Upper
252 100
253 23.0 20.1 30.1
125 8.2 7.2 10.8

Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001

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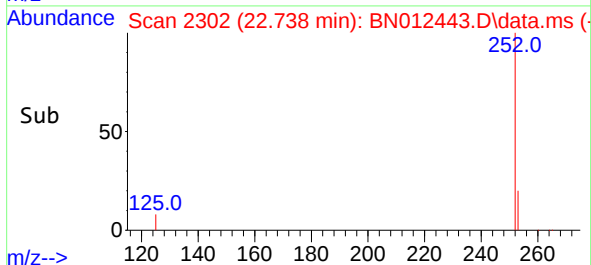
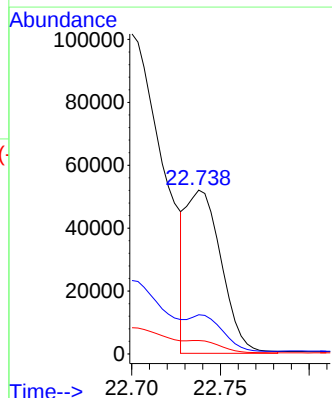
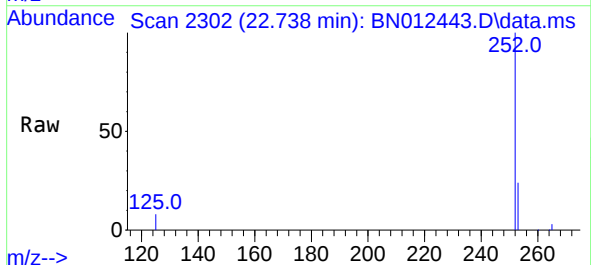
mohammad

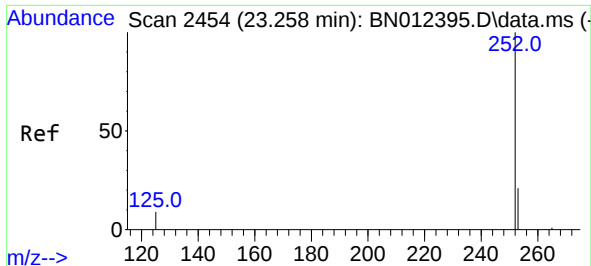
10/30/2020 12:09:46 PM



#38
Benzo(k)fluoranthene
Concen: 2.86 ng m
RT: 22.738 min Scan# 2302
Delta R.T. -0.010 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:252 Resp: 71362
Ion Ratio Lower Upper
252 100
253 23.9 19.8 29.8
125 8.2 7.1 10.7





#39
Benzo(a)pyrene
Concen: 5.86 ng
RT: 23.248 min Scan# 2451
Delta R.T. -0.013 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

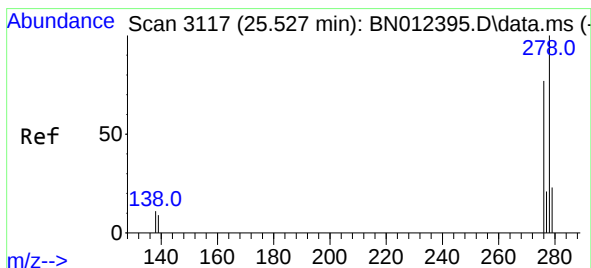
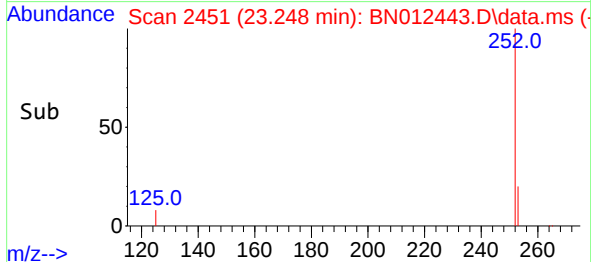
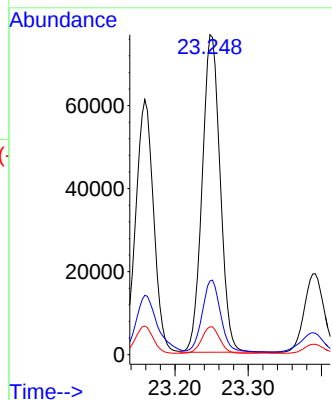
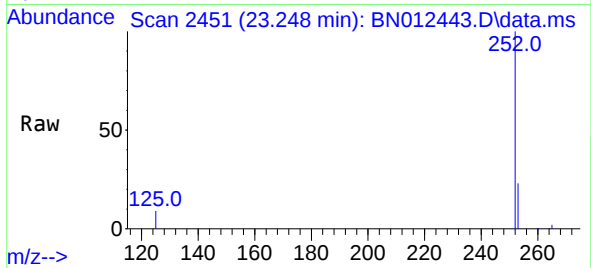
Tgt Ion:	252	Resp:	130160
Ion Ratio	Lower	Upper	
252	100		
253	23.0	21.3	31.9
125	8.7	8.3	12.5

Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001

Manual Integrations
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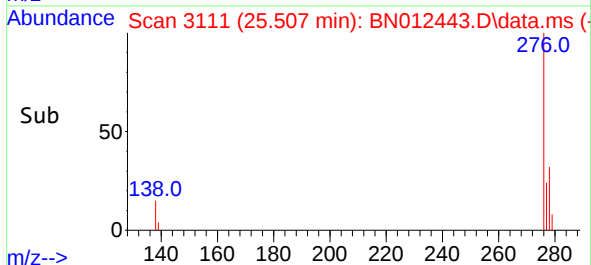
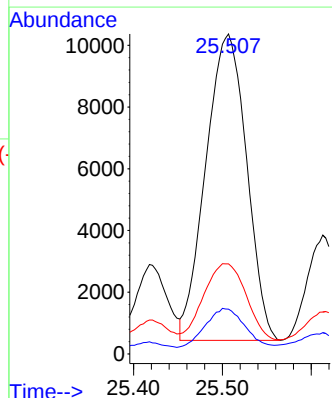
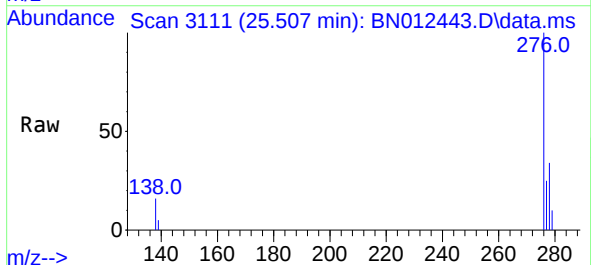
mohammad

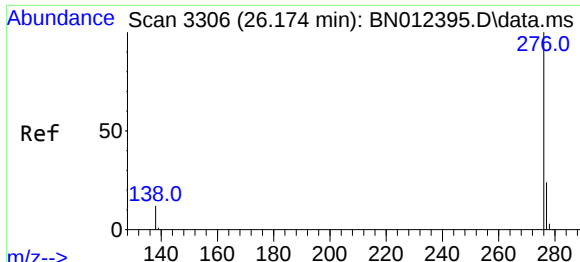
10/30/2020 12:09:46 PM



#40
Dibenzo(a,h)anthracene
Concen: 1.26 ng
RT: 25.507 min Scan# 3111
Delta R.T. -0.020 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:	278	Resp:	31692
Ion Ratio	Lower	Upper	
278	100		
139	14.0	9.3	13.9#
279	28.2	21.6	32.4





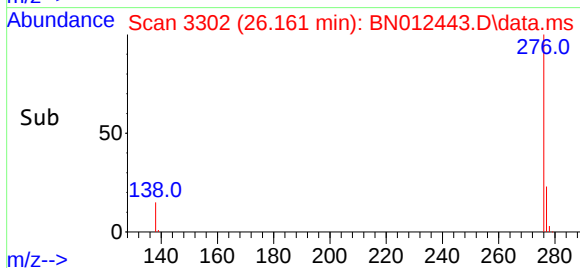
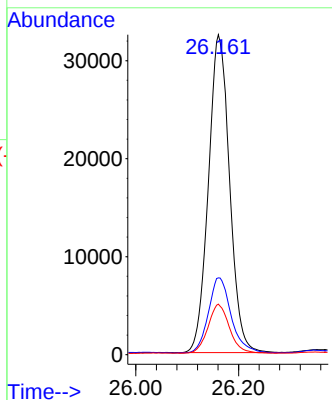
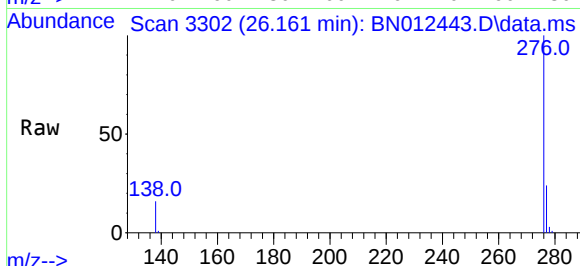
#41
 Benzo(g,h,i)perylene
 Concen: 3.51 ng
 RT: 26.161 min Scan# 3302
 Delta R.T. -0.010 min
 Lab File: BN012443.D
 Acq: 29 Oct 2020 18:08

Tgt Ion:	276	Resp:	92706
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.8	29.8
138	15.8	11.7	17.5

Instrument :
 BNA_N
 ClientSampleId :
 B308-B309-LOC1-SO-0001

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10/30/2020 12:09:46 PM