

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
 Data File : BN012444.D
 Acq On : 29 Oct 2020 18:45
 Operator : CG/JU
 Sample : L4560-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B308-B309-LOC2-SO-0003

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Quant Time: Oct 30 00:55:17 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	1097	0.40	ng	0.00
7) Naphthalene-d8	10.351	136	4454	0.40	ng	0.00
13) Acenaphthene-d10	14.217	164	2546	0.40	ng	0.00
19) Phenanthrene-d10	16.968	188	5025	0.40	ng	# 0.00
29) Chrysene-d12	21.173	240	5372	0.40	ng	# 0.00
36) Perylene-d12	23.343	264	6234	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.186	112	1169	0.30	ng	0.00
5) Phenol-d6	6.757	99	1451	0.32	ng	0.00
8) Nitrobenzene-d5	8.729	82	1795	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.949	152	2224	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.727	330	532	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.834	172	3595	0.38	ng	-0.01
27) Fluoranthene-d10	19.007	212	5113	0.33	ng	0.00
31) Terphenyl-d14	19.613	244	5555	0.44	ng	-0.01
Target Compounds						Qvalue
25) Phenanthrene	17.005	178	5556	0.38	ng	98
26) Anthracene	17.102	178	627	0.05	ng	# 93
28) Fluoranthene	19.037	202	32201	1.85	ng	99
30) Pyrene	19.400	202	29745	1.64	ng	# 95
32) Benzo(a)anthracene	21.152	228	18174	1.11	ng	98
33) Chrysene	21.205	228	22789m	1.24	ng	
34) Bis(2-ethylhexyl)phtha...	21.099	149	725	0.07	ng	# 93
35) Indeno(1,2,3-cd)pyrene	25.500	276	16672	0.63	ng	97
37) Benzo(b)fluoranthene	22.700	252	33157	1.69	ng	99
38) Benzo(k)fluoranthene	22.737	252	11380m	0.53	ng	
39) Benzo(a)pyrene	23.251	252	20613	1.08	ng	99
40) Dibenzo(a,h)anthracene	25.507	278	4571	0.21	ng	# 79
41) Benzo(g,h,i)perylene	26.164	276	17706	0.78	ng	98

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

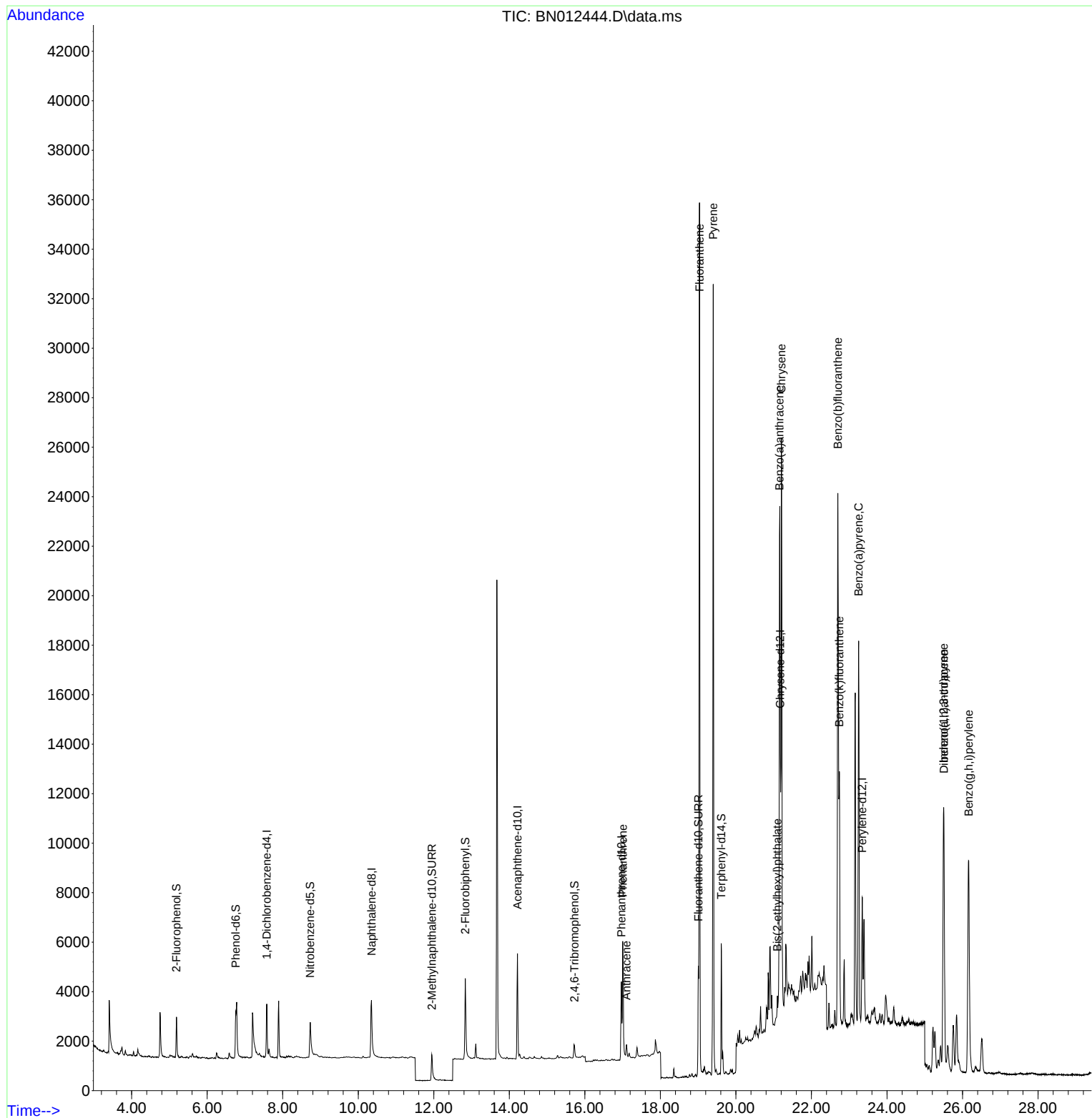
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
Data File : BN012444.D
Acq On : 29 Oct 2020 18:45
Operator : CG/JU
Sample : L4560-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

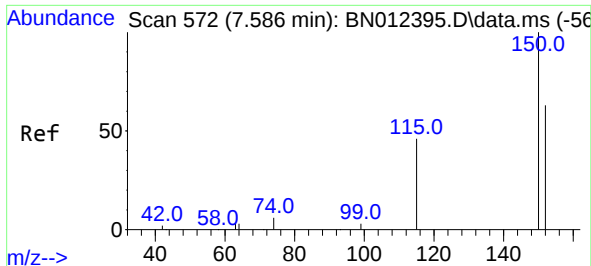
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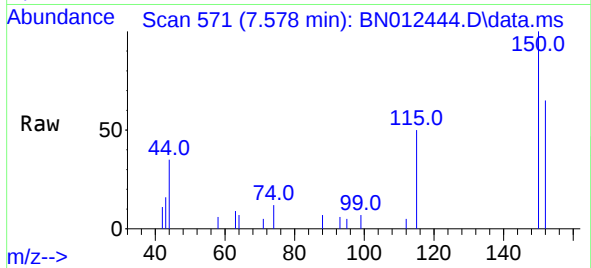
Quant Time: Oct 30 00:55:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.578 min Scan# 571
Delta R.T. -0.000 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

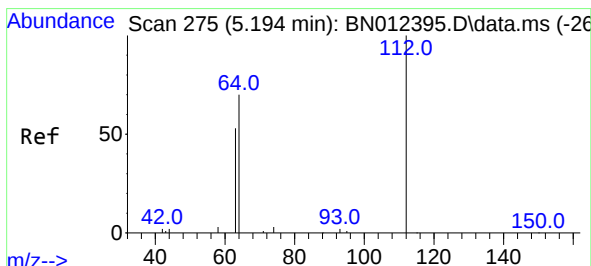
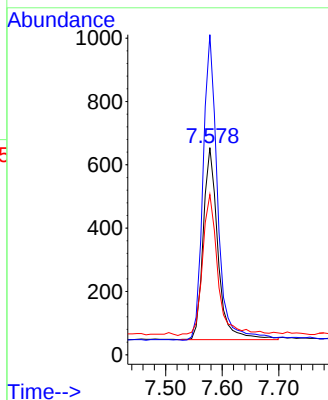
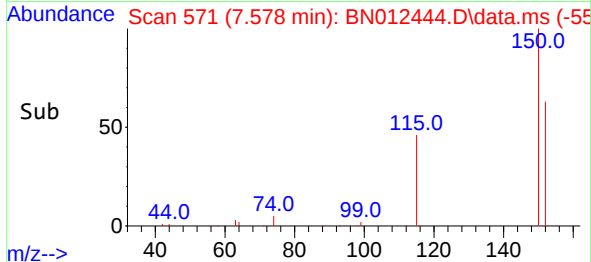
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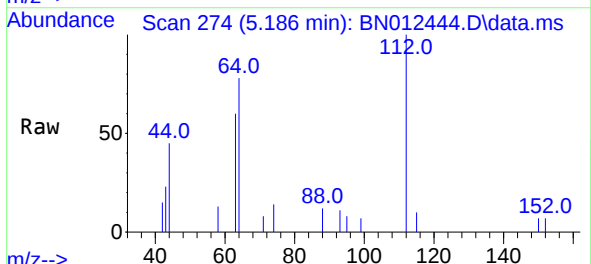
Tgt Ion:152 Resp: 1097
Ion Ratio Lower Upper
152 100
150 154.6 116.6 174.8
115 77.4 52.9 79.3

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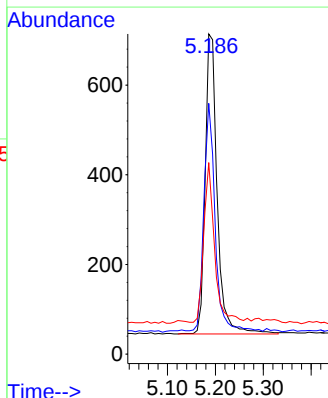
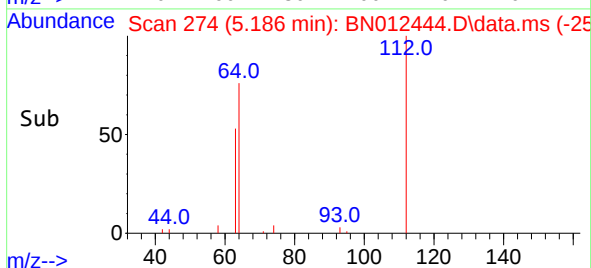
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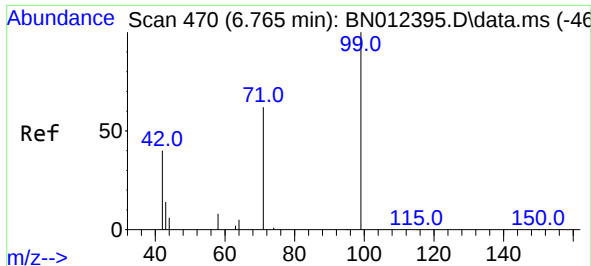


#4
2-Fluorophenol
Concen: 0.30 ng
RT: 5.186 min Scan# 274
Delta R.T. -0.008 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45



Tgt Ion:112 Resp: 1169
Ion Ratio Lower Upper
112 100
64 70.9 49.5 74.3
63 47.6 32.0 48.0





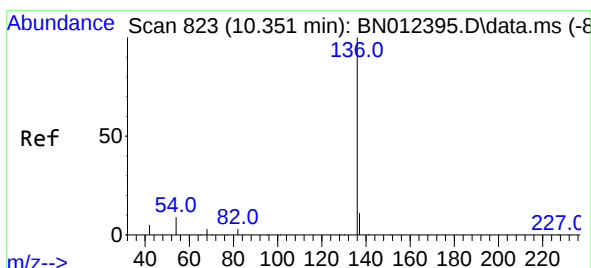
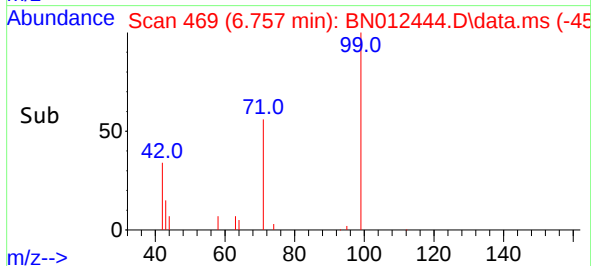
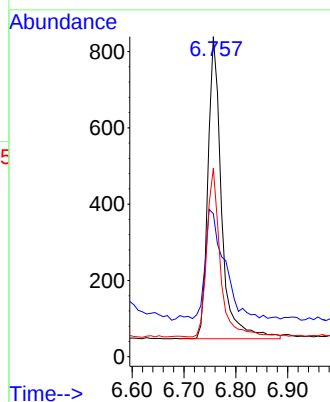
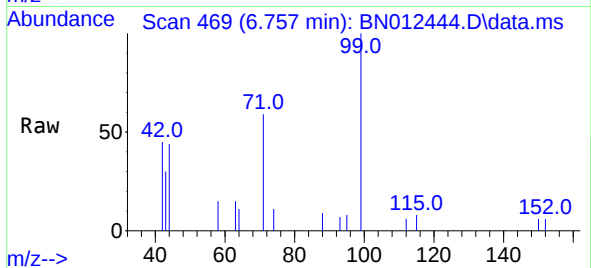
#5
Phenol-d6
Concen: 0.32 ng
RT: 6.757 min Scan# 469
Delta R.T. -0.008 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

Tgt Ion:	99	Resp:	1451
Ion	Ratio	Lower	Upper
99	100		
42	51.7	22.4	33.6#
71	55.8	37.8	56.6

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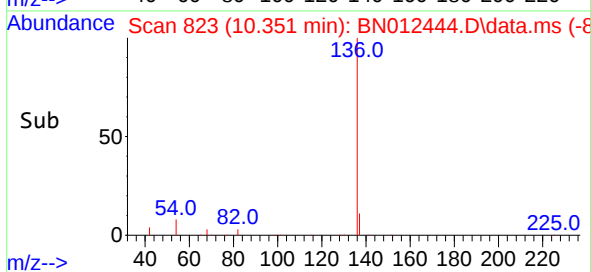
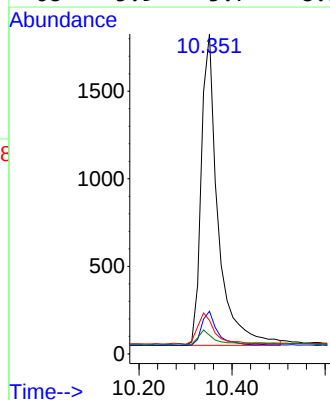
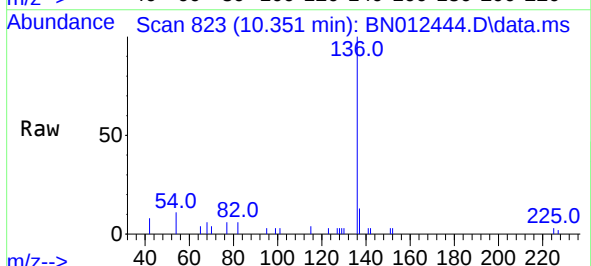
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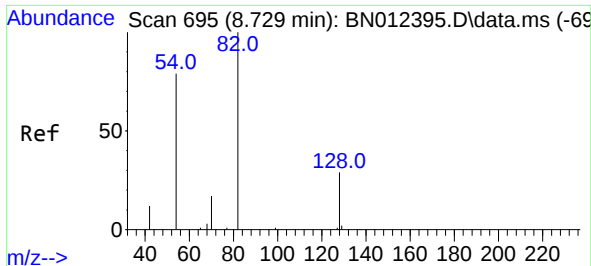
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#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.351 min Scan# 823
Delta R.T. -0.000 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

Tgt Ion:	136	Resp:	4454
Ion	Ratio	Lower	Upper
136	100		
137	13.4	10.6	15.8
54	10.5	8.6	12.8
68	5.9	5.7	8.5





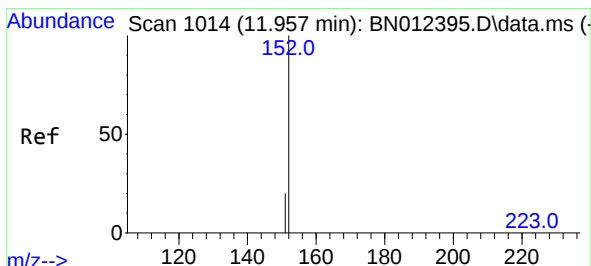
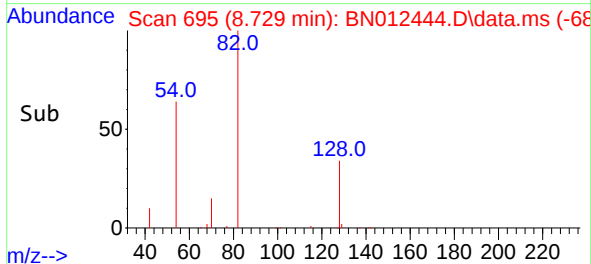
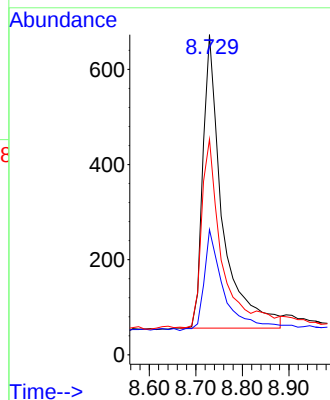
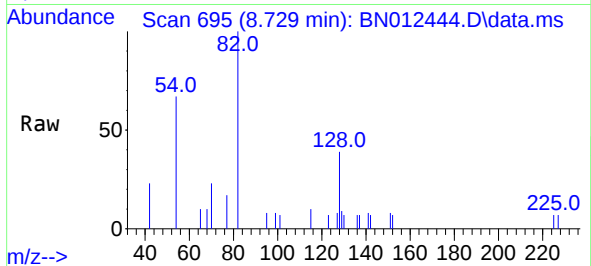
#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.729 min Scan# 695
Delta R.T. -0.000 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

Tgt Ion:	82	Resp:	1795
Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.6	46.0
54	67.3	48.3	72.5

Instrument :
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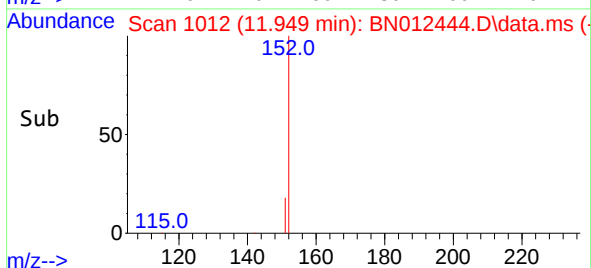
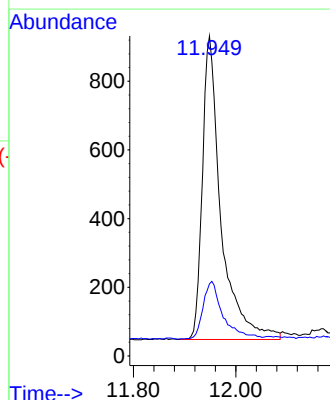
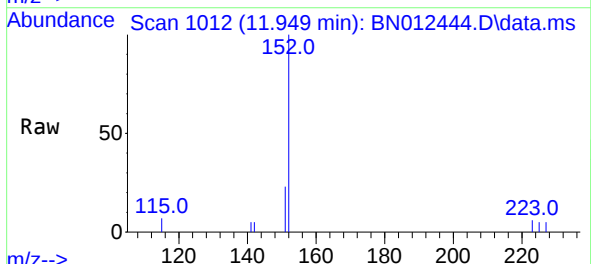
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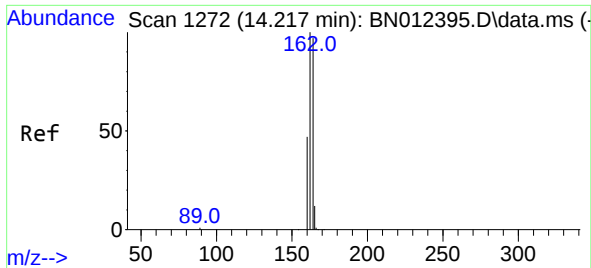
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#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 11.949 min Scan# 1012
Delta R.T. -0.005 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

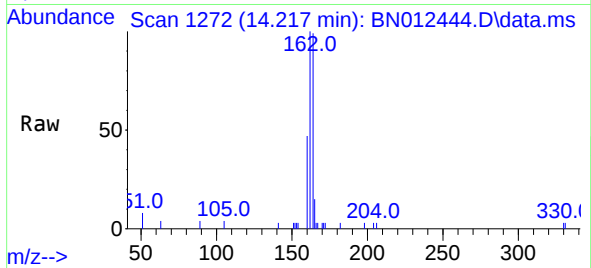
Tgt Ion:	152	Resp:	2224
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.217 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

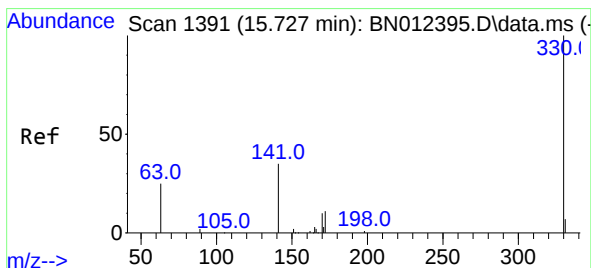
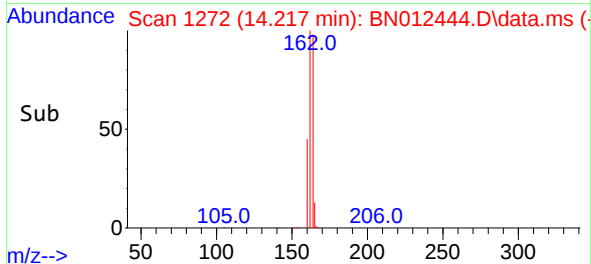
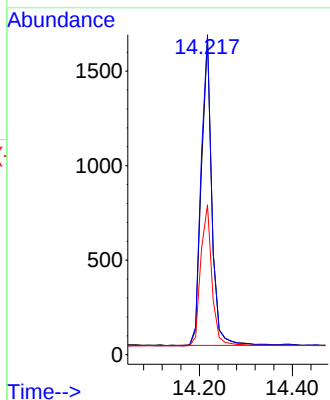
Instrument :
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ClientSampleId :
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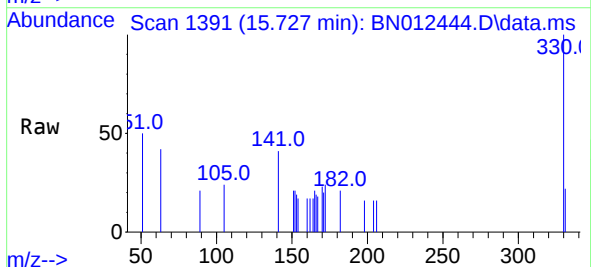
Tgt Ion:164 Resp: 2546
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 47.5 39.5 59.3

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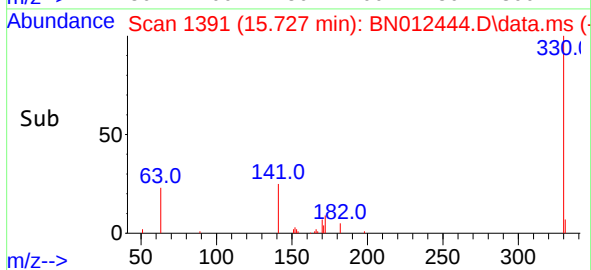
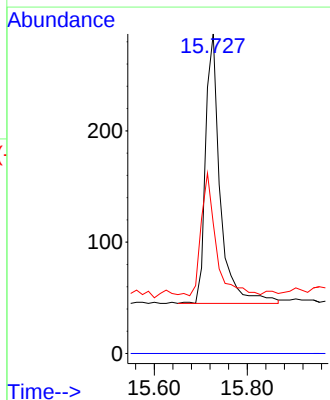
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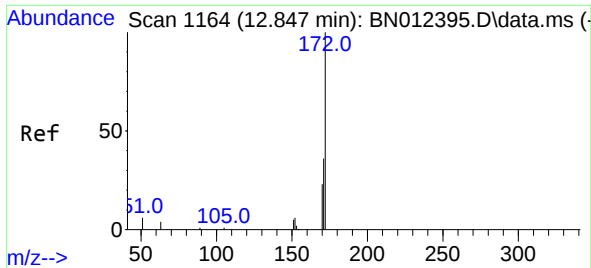


#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.727 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45



Tgt Ion:330 Resp: 532
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.0 34.4 51.6





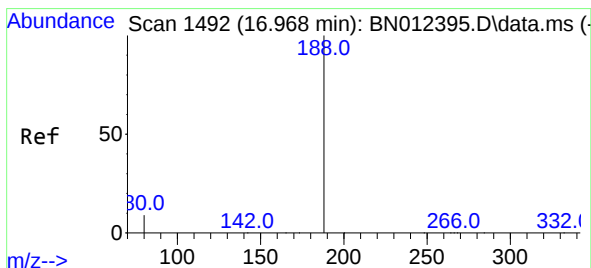
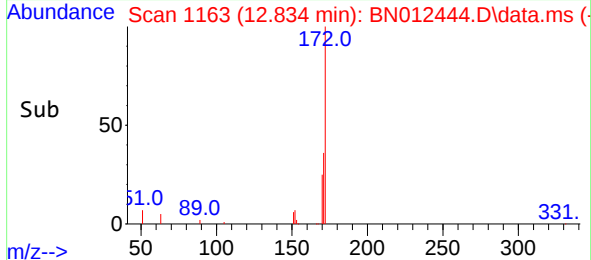
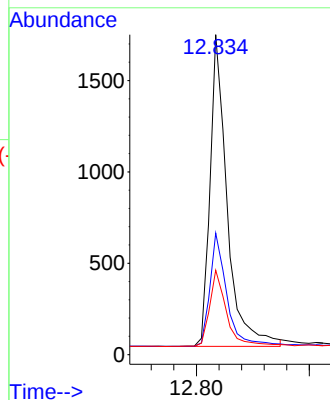
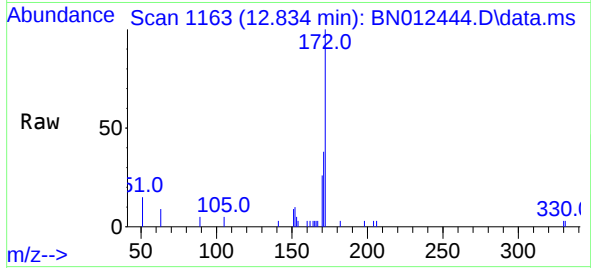
#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 12.834 min Scan# 1163
Delta R.T. -0.013 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

Tgt Ion:	172	Resp:	3595
Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.2	42.4
170	26.4	20.0	30.0

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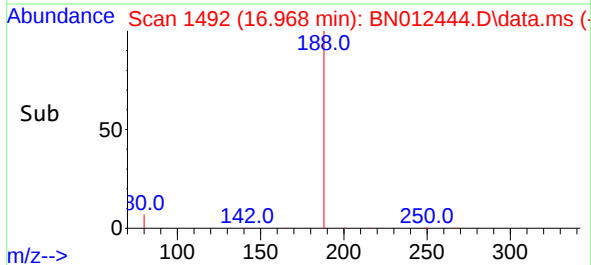
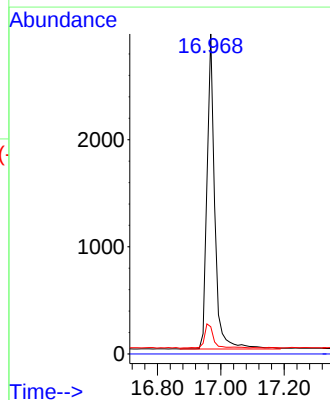
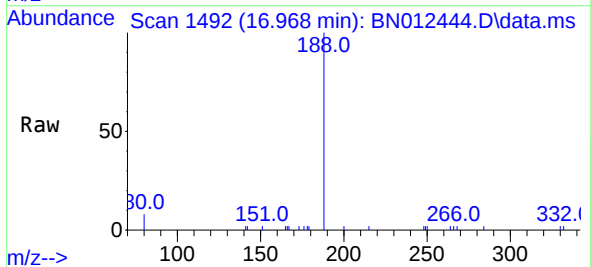
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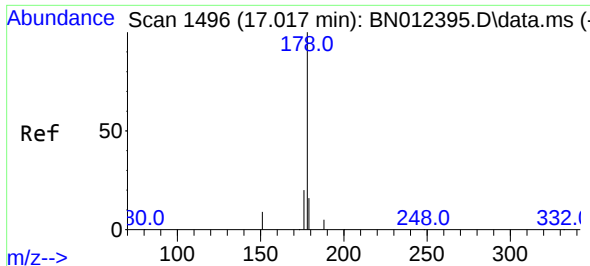
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#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.968 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

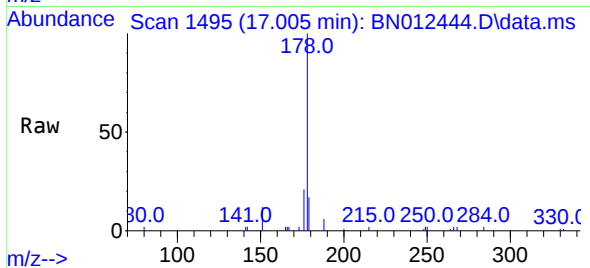
Tgt Ion:	188	Resp:	5025
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	5.0	7.4#





#25
Phenanthrene
Concen: 0.38 ng
RT: 17.005 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

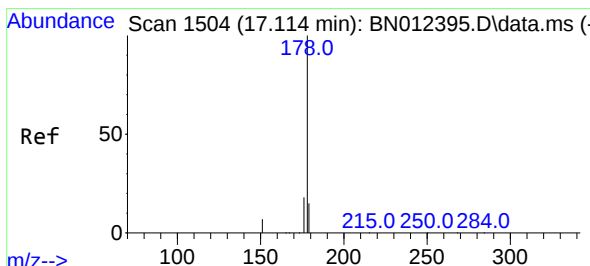
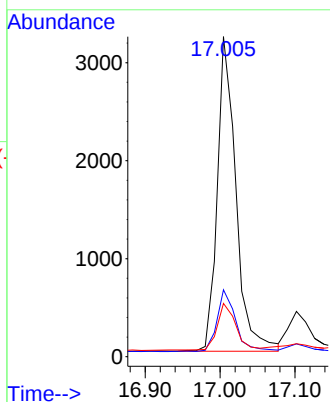
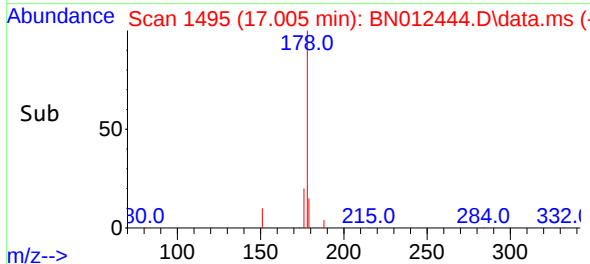
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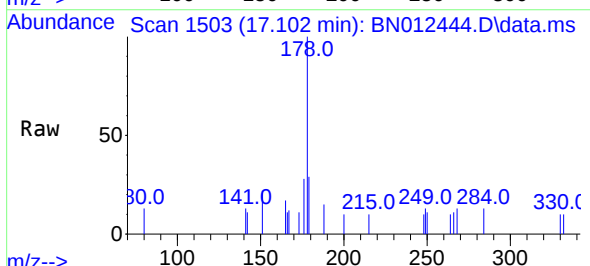
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Ion Ratio Lower Upper
178 100
176 19.9 14.8 22.2
179 15.4 12.4 18.6

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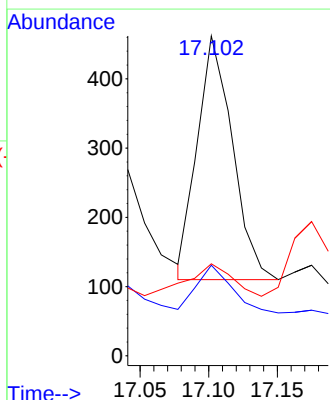
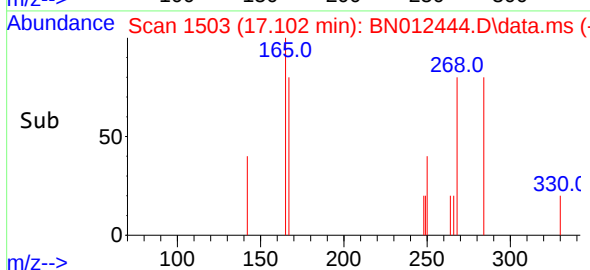
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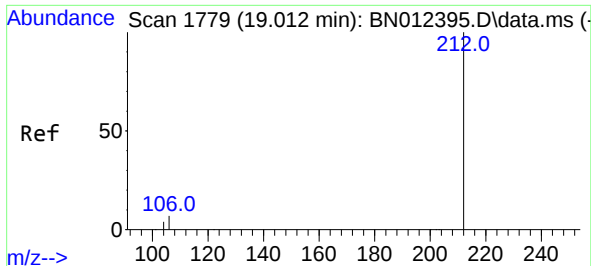


#26
Anthracene
Concen: 0.05 ng
RT: 17.102 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45



Tgt Ion:178 Resp: 627
Ion Ratio Lower Upper
178 100
176 23.1 14.8 22.2#
179 16.9 12.5 18.7





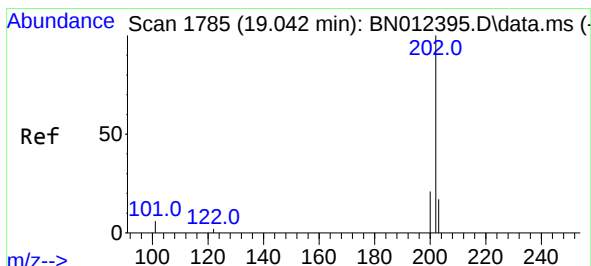
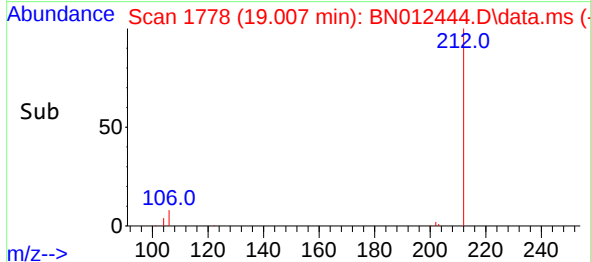
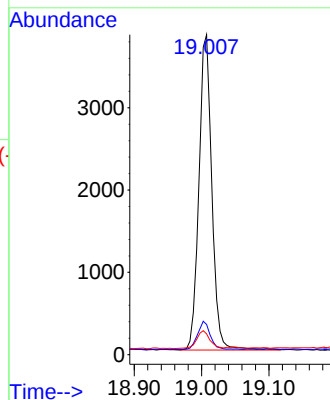
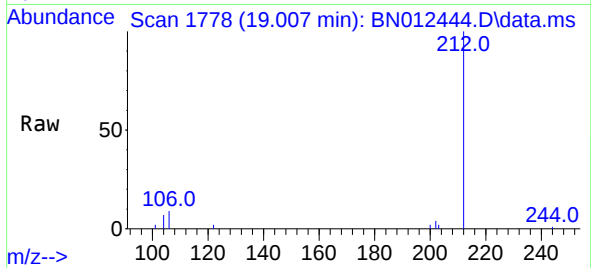
#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.007 min Scan# 1778
Delta R.T. -0.005 min
Lab File: BN012444.D
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Tgt Ion:212	Resp:	5113
Ion Ratio	Lower	Upper
212	100	
106	9.1	6.8 10.2
104	5.8	4.1 6.1

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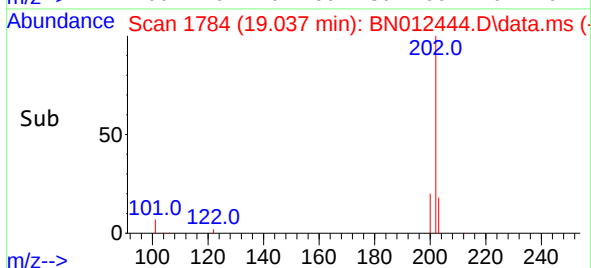
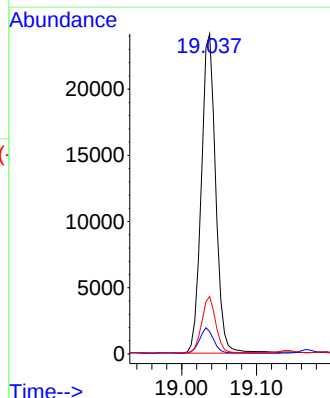
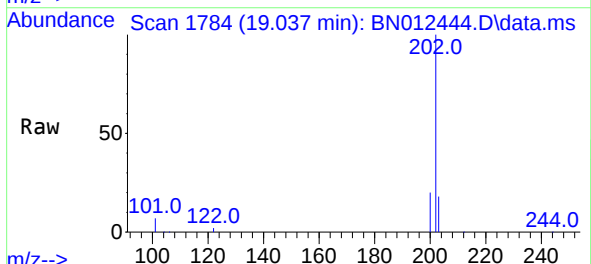
Manual Integrations
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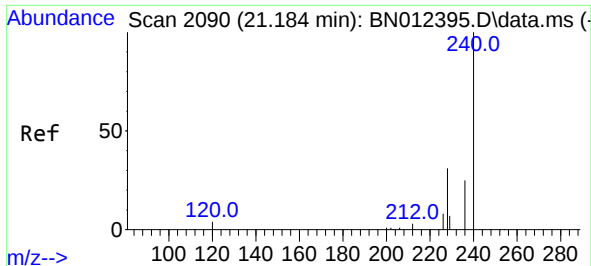
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#28
Fluoranthene
Concen: 1.85 ng
RT: 19.037 min Scan# 1784
Delta R.T. -0.005 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

Tgt Ion:202	Resp:	32201
Ion Ratio	Lower	Upper
202	100	
101	7.6	5.8 8.6
203	17.2	13.7 20.5





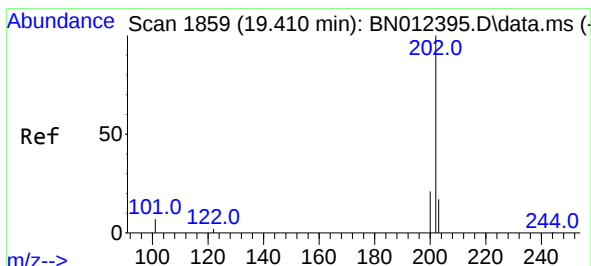
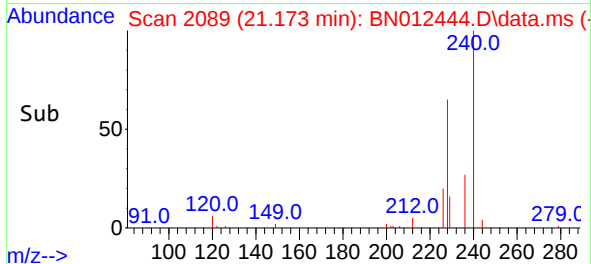
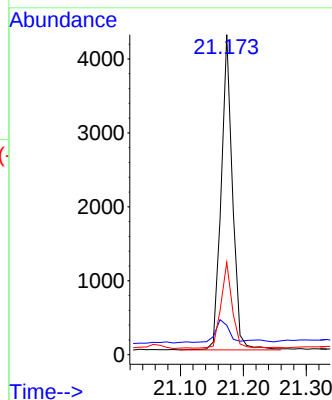
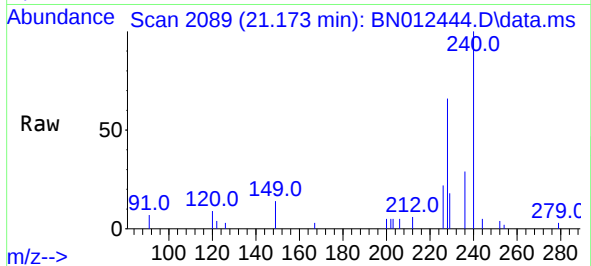
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.173 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

Tgt Ion:240 Resp: 5372
Ion Ratio Lower Upper
240 100
120 9.2 5.3 7.9#
236 28.9 21.8 32.8

Instrument :
BNA_N
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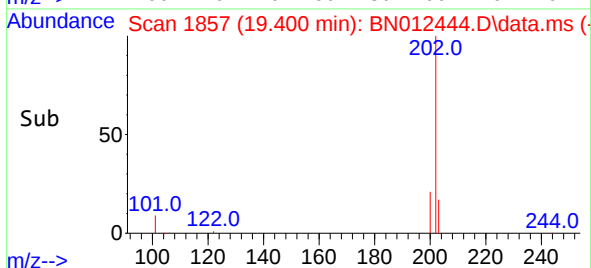
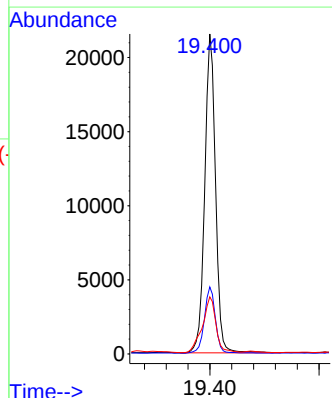
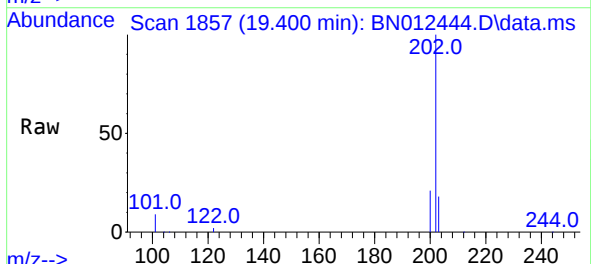
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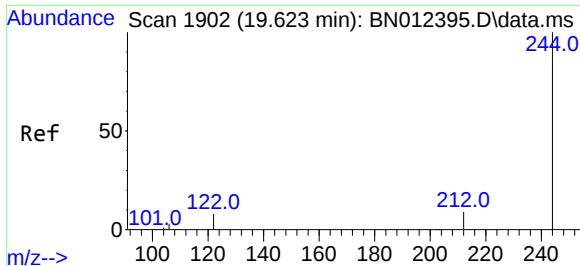
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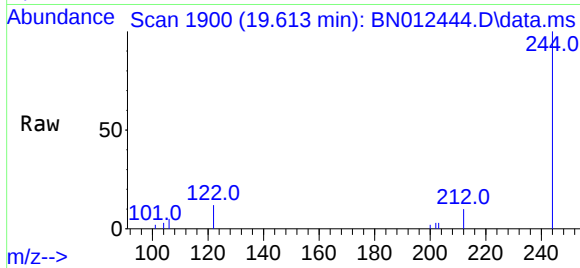
#30
Pyrene
Concen: 1.64 ng
RT: 19.400 min Scan# 1857
Delta R.T. -0.010 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

Tgt Ion:202 Resp: 29745
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 21.8 13.8 20.8#

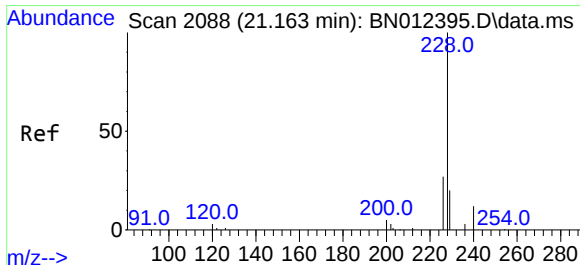
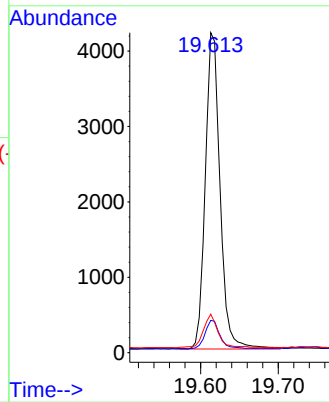
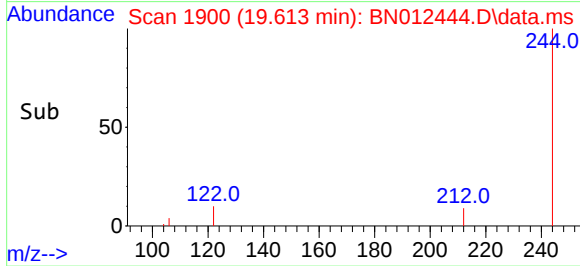




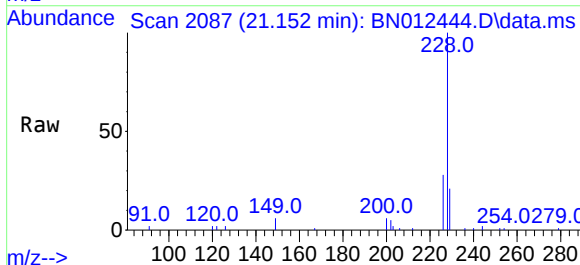
#31
Terphenyl-d14
Concen: 0.44 ng
RT: 19.613 min Scan# 1900
Delta R.T. -0.010 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45



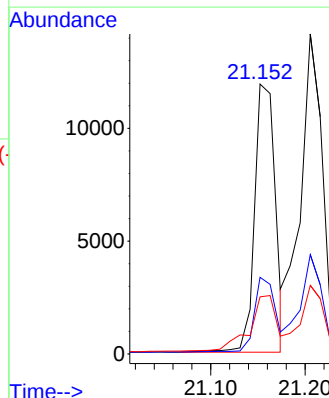
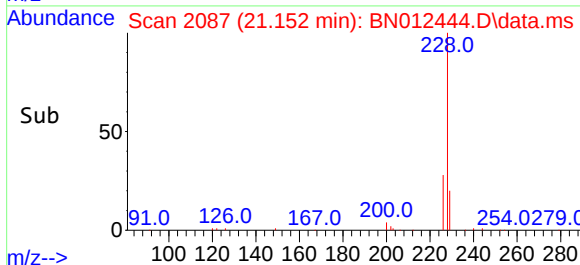
Tgt Ion:244 Resp: 5555
Ion Ratio Lower Upper
244 100
212 10.1 7.3 10.9
122 12.1 7.3 10.9#



#32
Benzo(a)anthracene
Concen: 1.11 ng
RT: 21.152 min Scan# 2087
Delta R.T. -0.011 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45



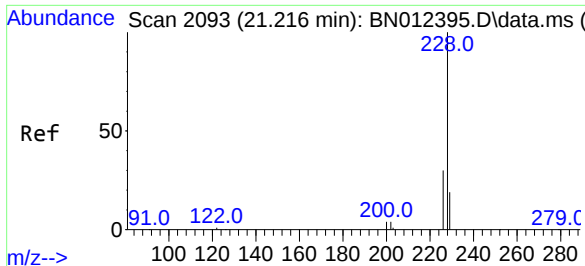
Tgt Ion:228 Resp: 18174
Ion Ratio Lower Upper
228 100
226 28.4 22.3 33.5
229 21.2 15.7 23.5



Instrument :
BNA_N
ClientSampleId :
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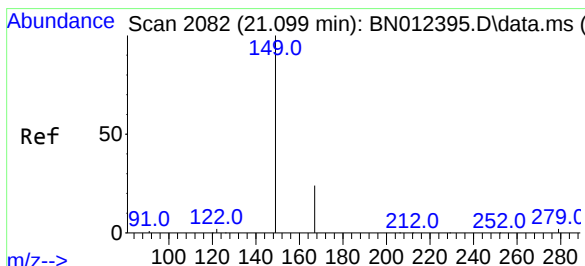
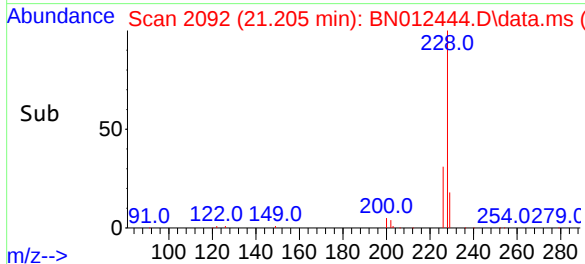
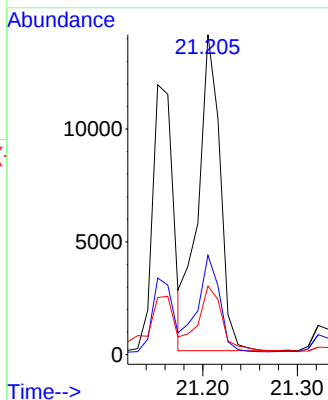
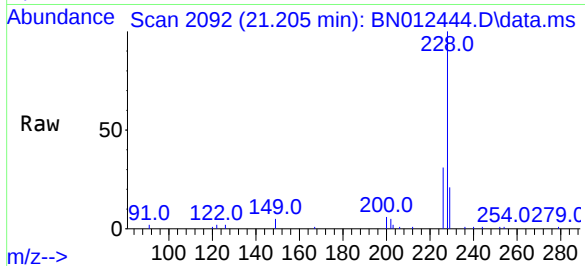
#33
Chrysene
Concen: 1.24 ng m
RT: 21.205 min Scan# 2092
Delta R.T. -0.011 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

Tgt Ion:228 Resp: 22789
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.2
229 21.5 15.7 23.5

Instrument :
BNA_N
ClientSampleId :
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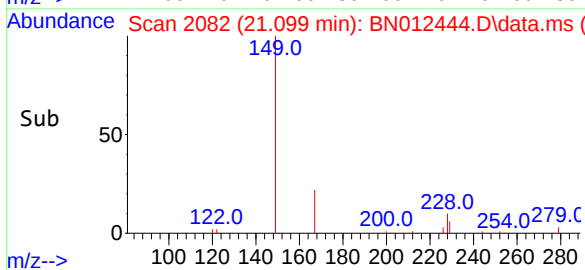
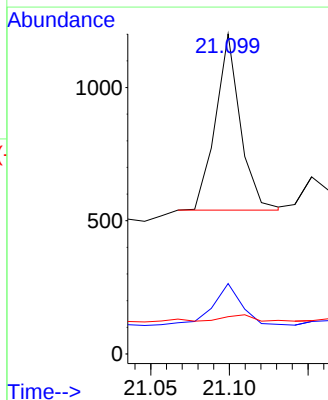
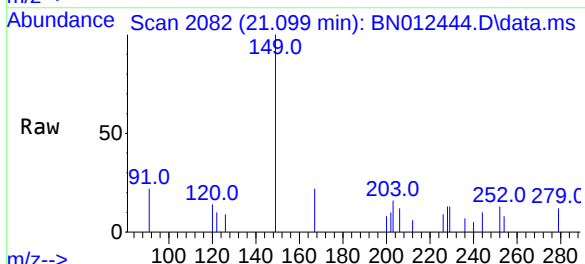
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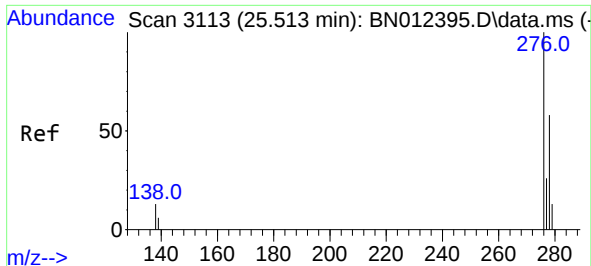
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#34
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng
RT: 21.099 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

Tgt Ion:149 Resp: 725
Ion Ratio Lower Upper
149 100
167 25.0 23.2 34.8
279 3.9 3.9 5.9#





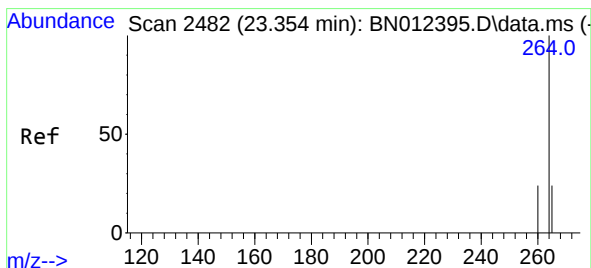
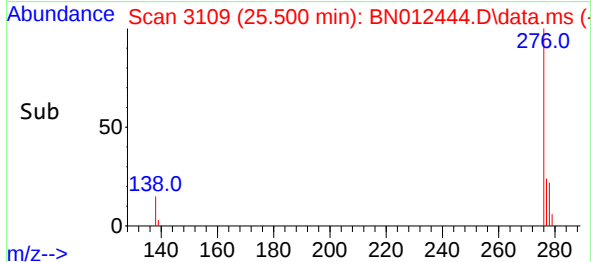
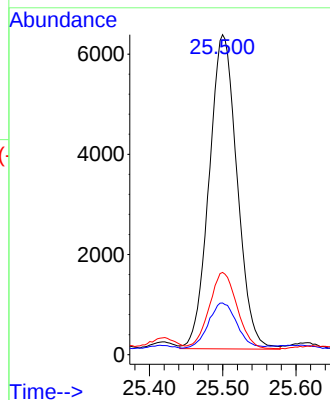
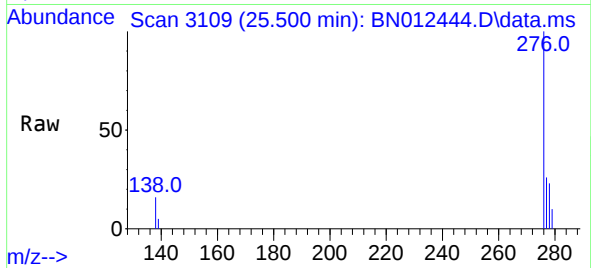
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.63 ng
RT: 25.500 min Scan# 3109
Delta R.T. -0.010 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

Tgt Ion:	276	Resp:	16672
Ion Ratio	Lower	Upper	
276	100		
138	14.4	13.3	19.9
277	24.2	20.2	30.4

Instrument :
BNA_N
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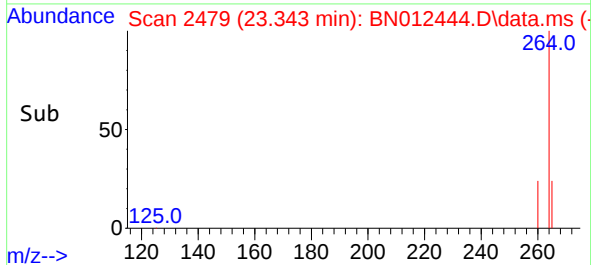
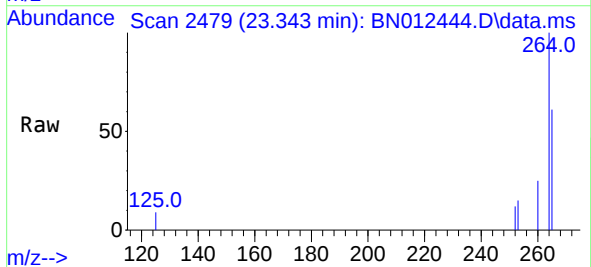
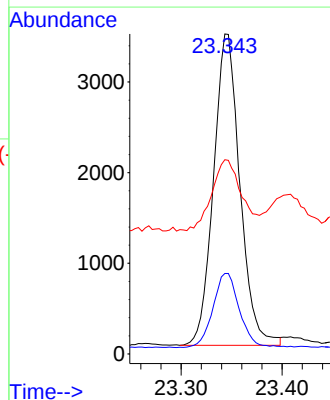
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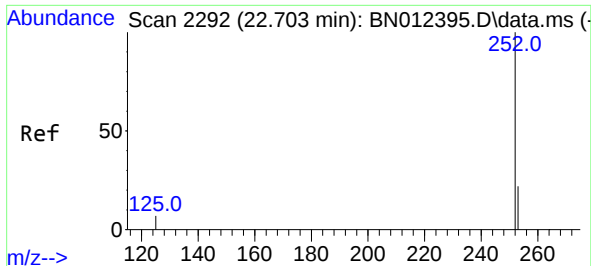
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#36
Perylene-d12
Concen: 0.40 ng
RT: 23.343 min Scan# 2479
Delta R.T. -0.010 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

Tgt Ion:	264	Resp:	6234
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.8	29.6
265	60.7	51.4	77.0





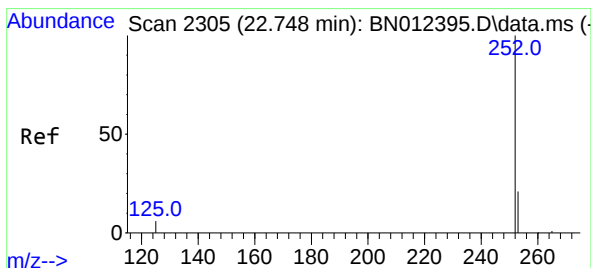
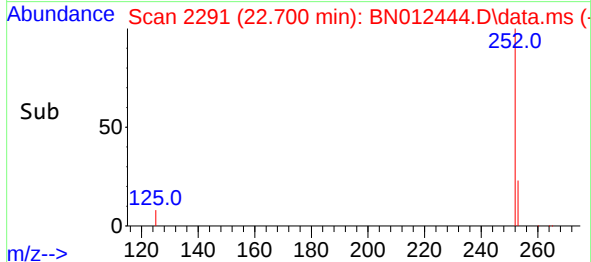
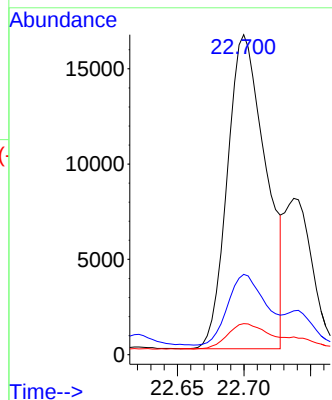
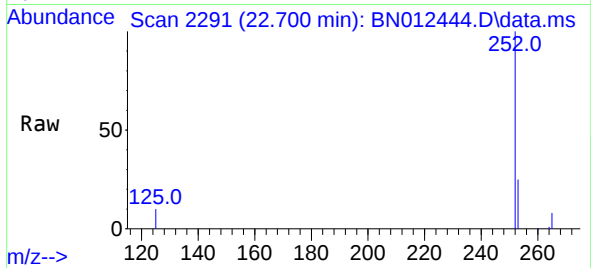
#37
Benzo(b)fluoranthene
Concen: 1.69 ng
RT: 22.700 min Scan# 2291
Delta R.T. -0.004 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

Tgt Ion:252 Resp: 33157
Ion Ratio Lower Upper
252 100
253 25.1 20.1 30.1
125 9.7 7.2 10.8

Instrument :
BNA_N
ClientSampleId :
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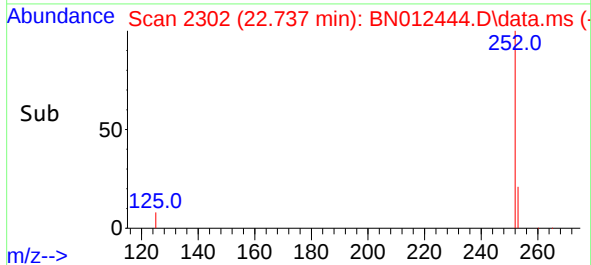
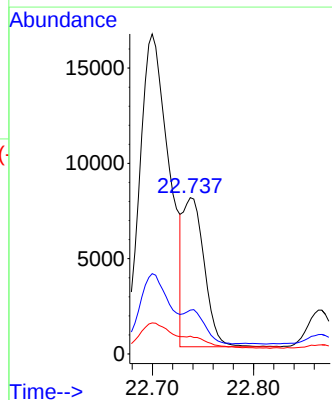
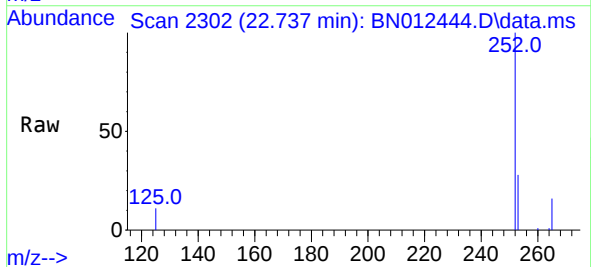
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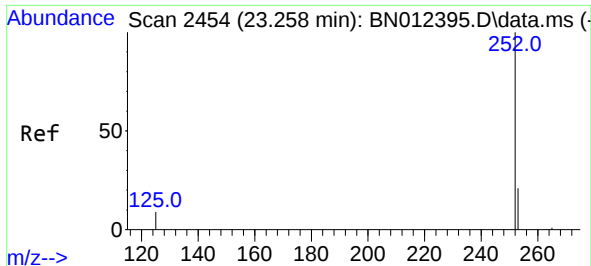
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#38
Benzo(k)fluoranthene
Concen: 0.53 ng m
RT: 22.737 min Scan# 2302
Delta R.T. -0.010 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

Tgt Ion:252 Resp: 11380
Ion Ratio Lower Upper
252 100
253 28.1 19.8 29.8
125 11.3 7.1 10.7#





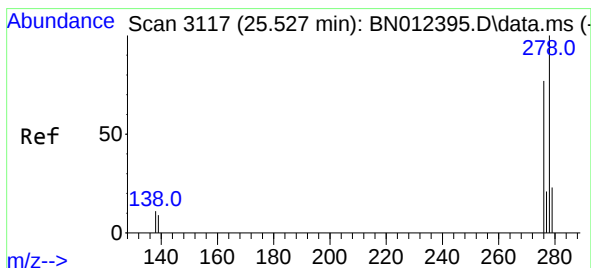
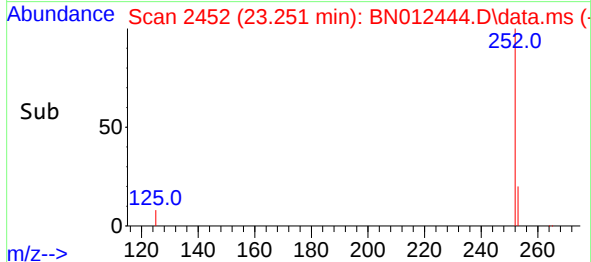
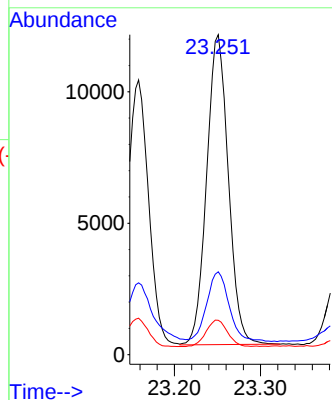
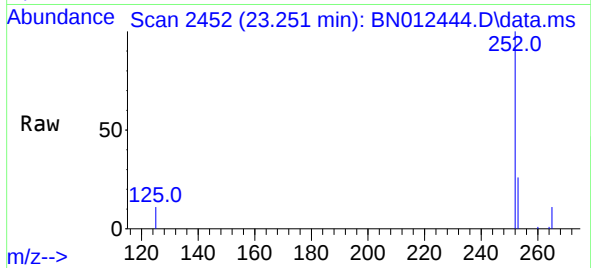
#39
Benzo(a)pyrene
Concen: 1.08 ng
RT: 23.251 min Scan# 2452
Delta R.T. -0.010 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

Tgt Ion:	252	Resp:	20613
Ion Ratio	Lower	Upper	
252	100		
253	25.9	21.3	31.9
125	10.8	8.3	12.5

Instrument :
BNA_N
ClientSampleId :
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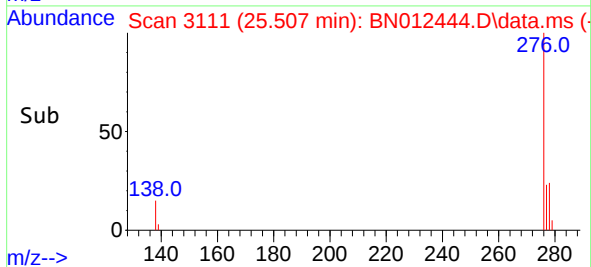
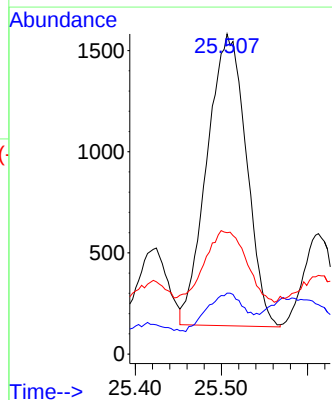
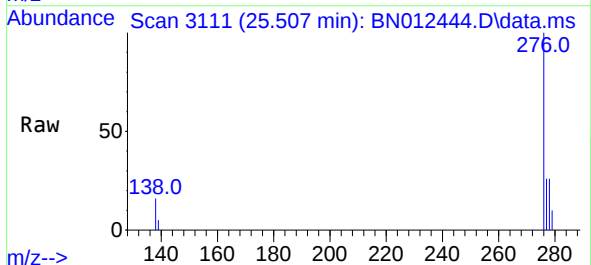
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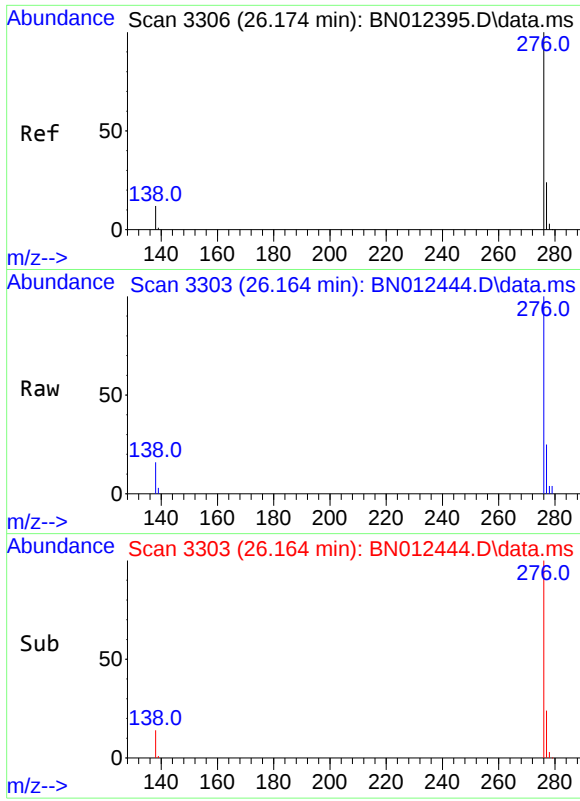
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#40
Dibenzo(a,h)anthracene
Concen: 0.21 ng
RT: 25.507 min Scan# 3111
Delta R.T. -0.021 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

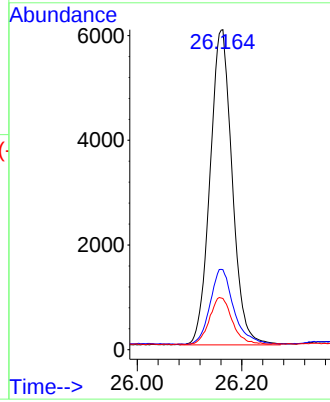
Tgt Ion:	278	Resp:	4571
Ion Ratio	Lower	Upper	
278	100		
139	19.0	9.3	13.9#
279	37.9	21.6	32.4#





#41
Benzo(g,h,i)perylene
Concen: 0.78 ng
RT: 26.164 min Scan# 3303
Delta R.T. -0.007 min
Lab File: BN012444.D
Acq: 29 Oct 2020 18:45

Tgt Ion:	276	Resp:	17706
Ion Ratio	Lower	Upper	
276	100		
277	25.0	19.8	29.8
138	16.0	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
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