

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
 Data File : BN012445.D
 Acq On : 29 Oct 2020 19:21
 Operator : CG/JU
 Sample : L4561-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 STOCKPILE-LOC1-SO-0001

Manual Integrations
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Quant Time: Oct 30 00:55:26 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	1233	0.40	ng	0.00
7) Naphthalene-d8	10.351	136	4961	0.40	ng	# 0.00
13) Acenaphthene-d10	14.217	164	2767	0.40	ng	0.00
19) Phenanthrene-d10	16.968	188	5434	0.40	ng	# 0.00
29) Chrysene-d12	21.174	240	5699	0.40	ng	# 0.00
36) Perylene-d12	23.347	264	6844	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.186	112	2098	0.49	ng	0.00
5) Phenol-d6	6.757	99	2261	0.44	ng	0.00
8) Nitrobenzene-d5	8.729	82	2781	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	11.944	152	3298	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.714	330	756	0.38	ng	-0.01
15) 2-Fluorobiphenyl	12.834	172	5383	0.52	ng	-0.01
27) Fluoranthene-d10	19.008	212	7061	0.42	ng	0.00
31) Terphenyl-d14	19.618	244	7625	0.57	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.005	178	1938	0.12	ng	98
28) Fluoranthene	19.037	202	6411	0.34	ng	99
30) Pyrene	19.400	202	5542	0.29	ng	# 94
32) Benzo(a)anthracene	21.163	228	4445	0.26	ng	# 95
33) Chrysene	21.205	228	4071	0.21	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.099	149	1000	0.09	ng	# 90
35) Indeno(1,2,3-cd)pyrene	25.503	276	2704	0.10	ng	97
37) Benzo(b)fluoranthene	22.700	252	5678	0.26	ng	# 76
38) Benzo(k)fluoranthene	22.741	252	2200m	0.09	ng	
39) Benzo(a)pyrene	23.251	252	3636	0.17	ng	# 68
41) Benzo(g,h,i)perylene	26.164	276	3116	0.13	ng	# 85

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

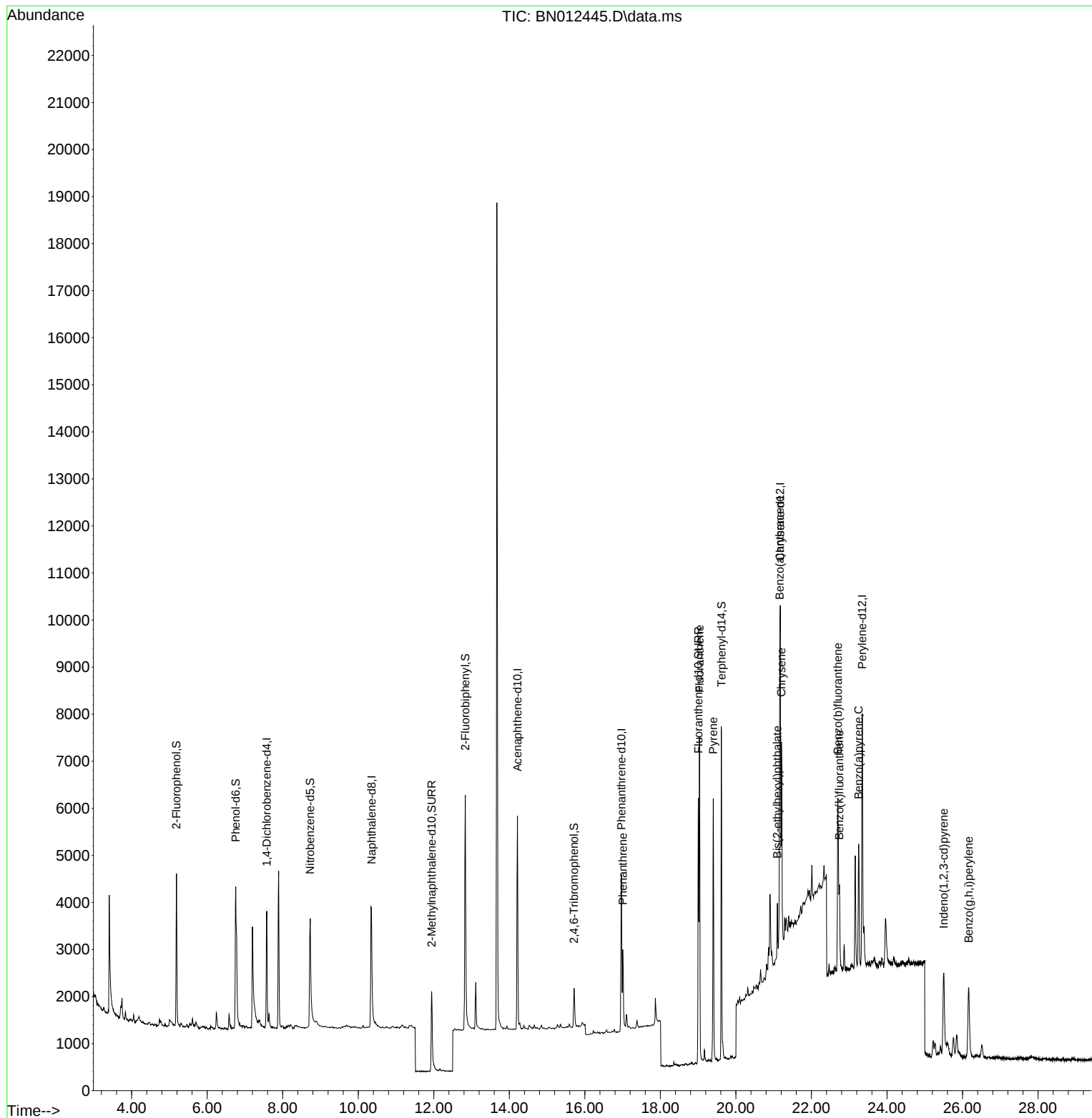
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
Data File : BN012445.D
Acq On : 29 Oct 2020 19:21
Operator : CG/JU
Sample : L4561-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

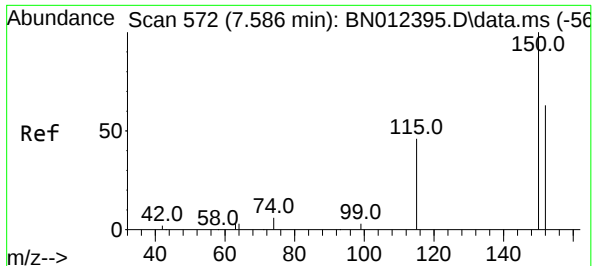
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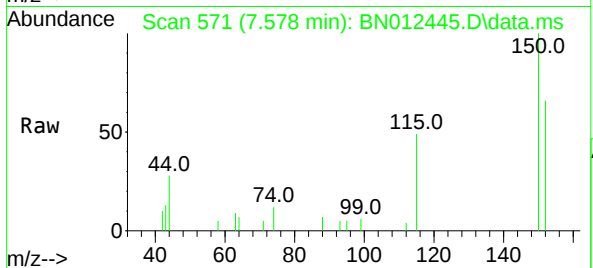
Quant Time: Oct 30 00:55:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.578 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

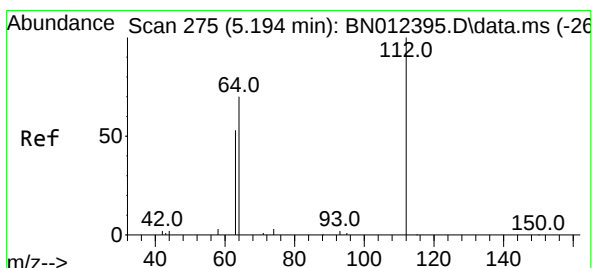
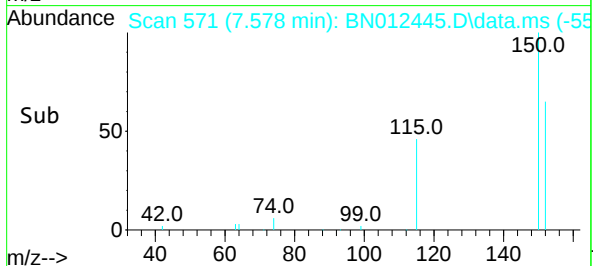
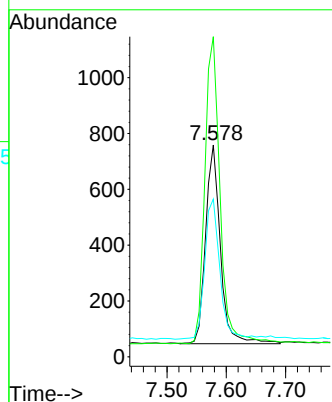
Instrument :
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ClientSampleId :
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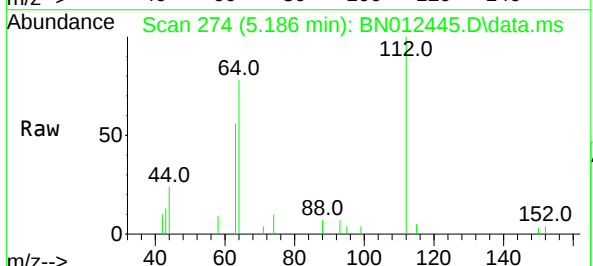
Tgt Ion:152 Resp: 1233
Ion Ratio Lower Upper
152 100
150 151.1 116.6 174.8
115 74.4 52.9 79.3

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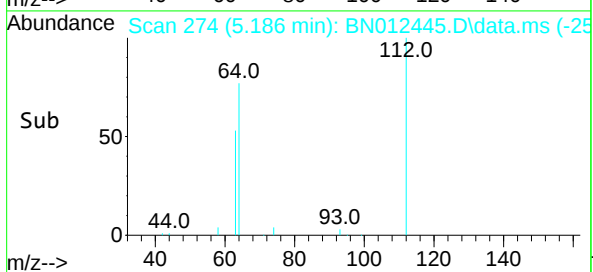
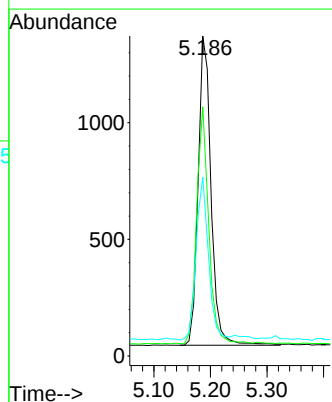
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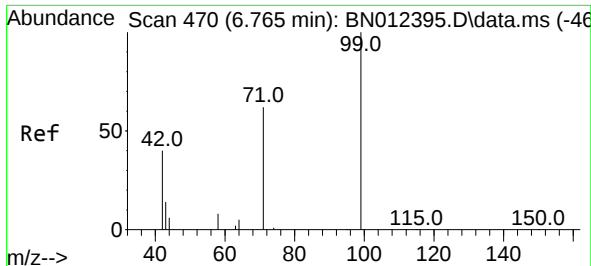


#4
2-Fluorophenol
Concen: 0.49 ng
RT: 5.186 min Scan# 274
Delta R.T. -0.008 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

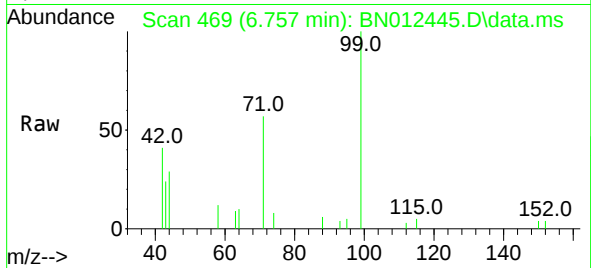


Tgt Ion:112 Resp: 2098
Ion Ratio Lower Upper
112 100
64 71.8 49.5 74.3
63 50.1 32.0 48.0#

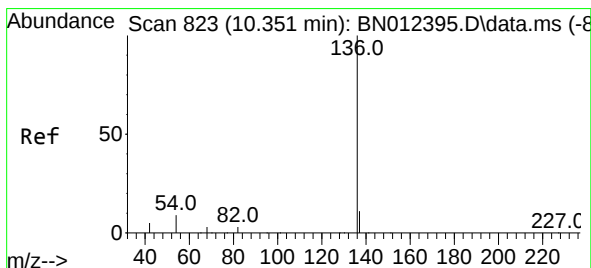
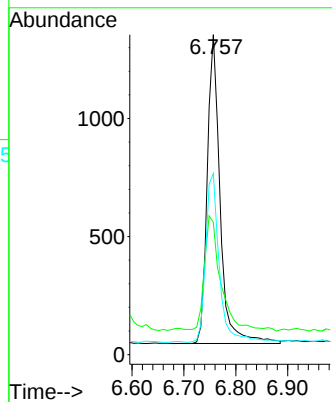
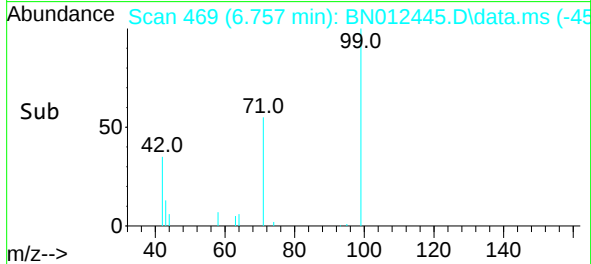




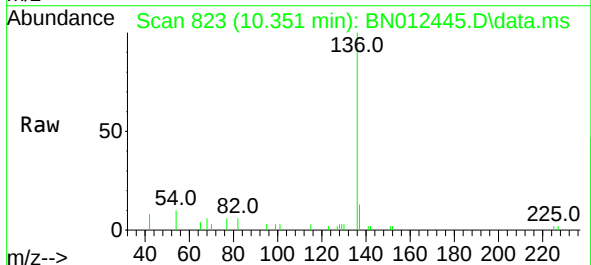
#5
Phenol-d6
Concen: 0.44 ng
RT: 6.757 min Scan# 469
Delta R.T. -0.008 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21



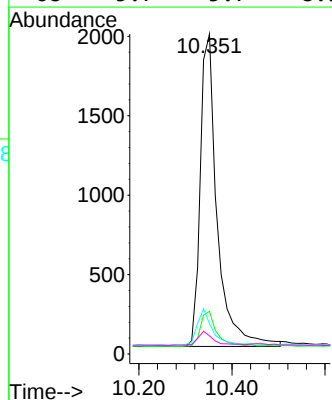
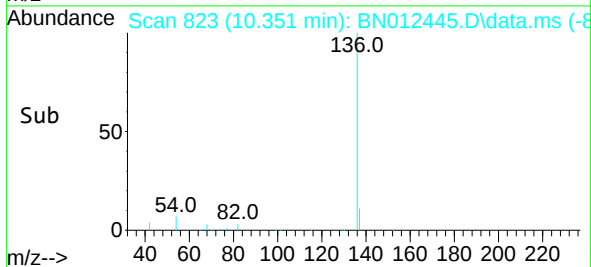
Tgt Ion:	99	Resp:	2261
Ion	Ratio	Lower	Upper
99	100		
42	47.5	22.4	33.6#
71	59.0	37.8	56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.351 min Scan# 823
Delta R.T. 0.000 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21



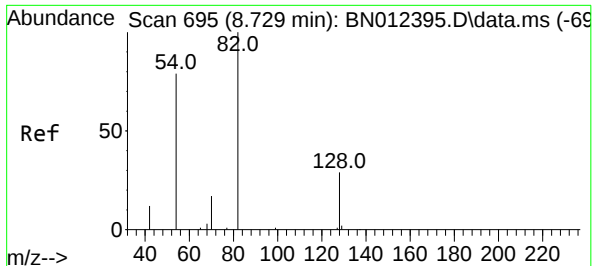
Tgt Ion:	136	Resp:	4961
Ion	Ratio	Lower	Upper
136	100		
137	13.3	10.6	15.8
54	9.5	8.6	12.8
68	5.7	5.7	8.5#



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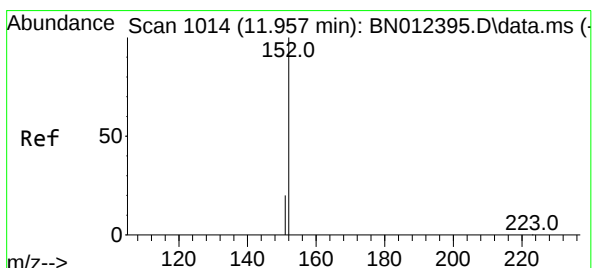
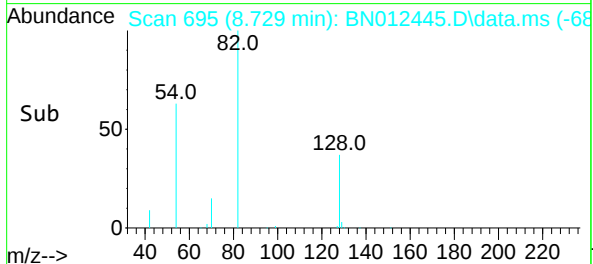
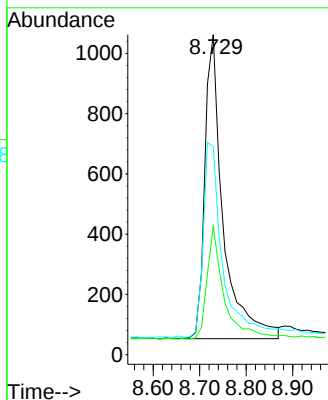
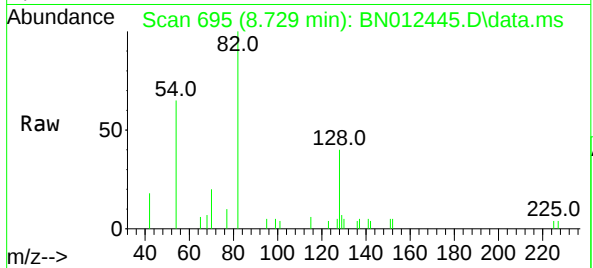
#8
Nitrobenzene-d5
Concen: 0.51 ng
RT: 8.729 min Scan# 695
Delta R.T. 0.000 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

Tgt Ion:	82	Resp:	2781
Ion Ratio	Lower	Upper	
82	100		
128	40.0	30.6	46.0
54	65.1	48.3	72.5

Instrument :
BNA_N
ClientSampleId :
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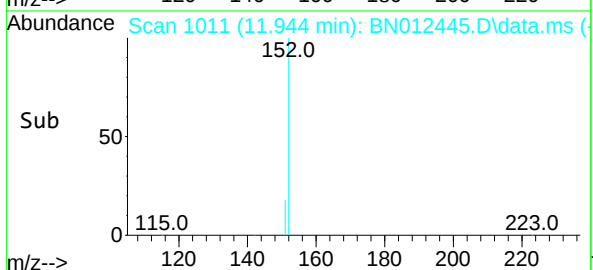
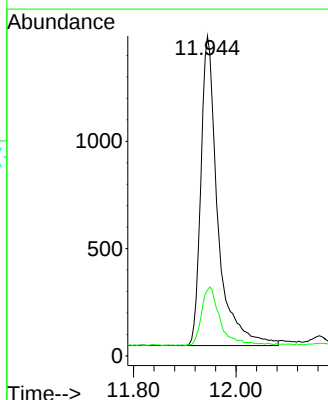
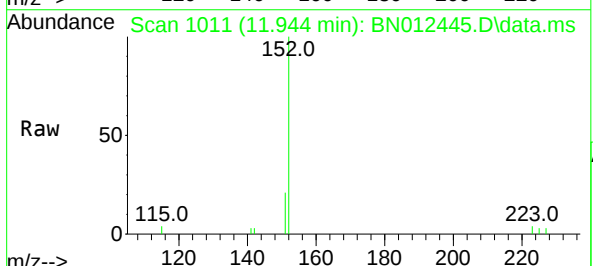
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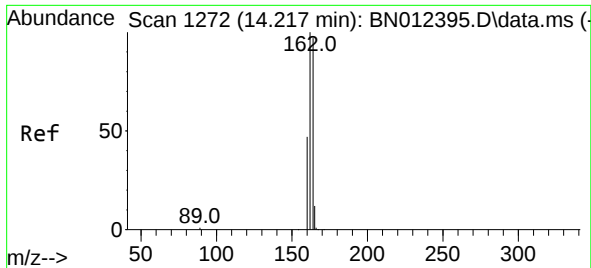
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#11
2-Methylnaphthalene-d10
Concen: 0.41 ng
RT: 11.944 min Scan# 1011
Delta R.T. -0.009 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

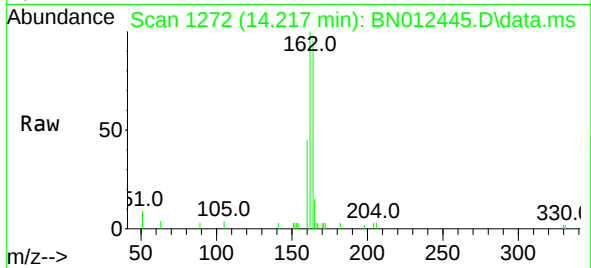
Tgt Ion:	152	Resp:	3298
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.7	25.1





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.217 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

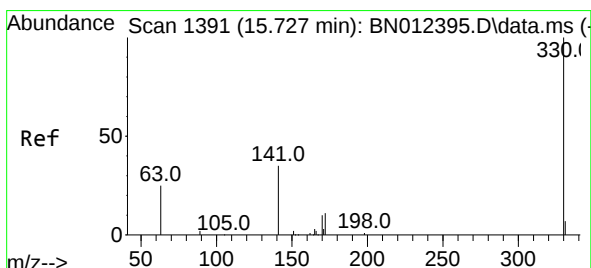
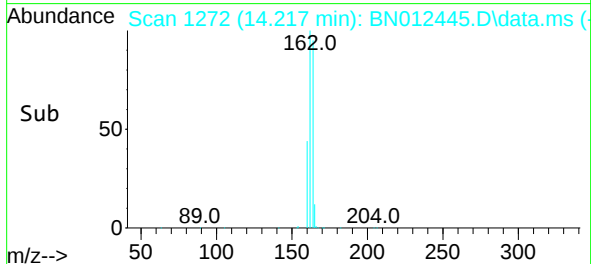
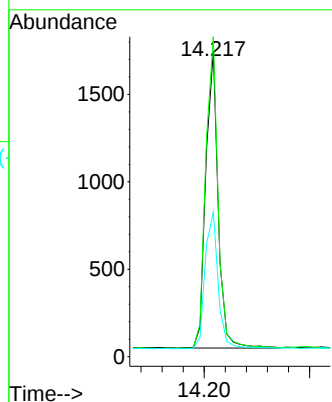
Instrument :
BNA_N
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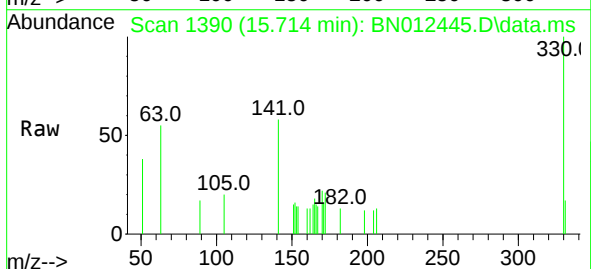
Tgt Ion:164 Resp: 2767
Ion Ratio Lower Upper
164 100
162 104.9 80.6 120.8
160 47.4 39.5 59.3

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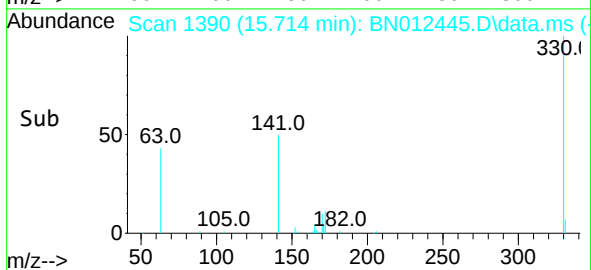
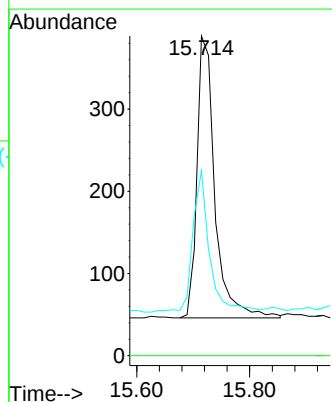
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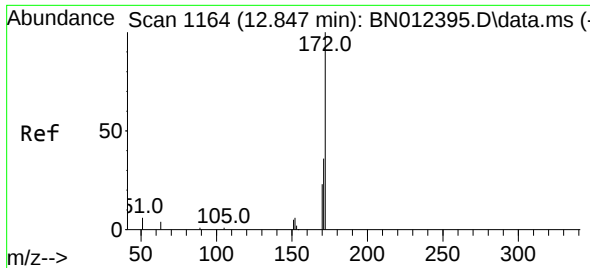


#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.714 min Scan# 1390
Delta R.T. -0.013 min
Lab File: BN012445.D
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Tgt Ion:330 Resp: 756
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.8 34.4 51.6





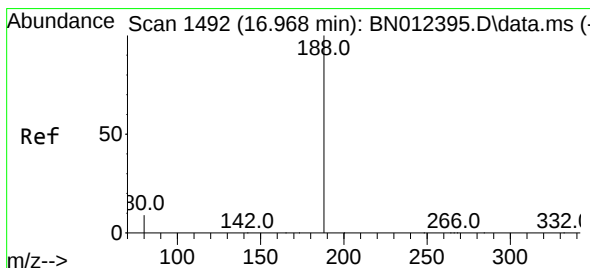
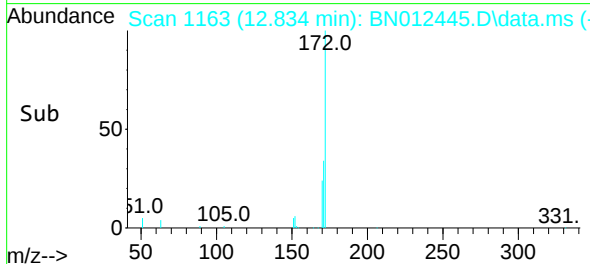
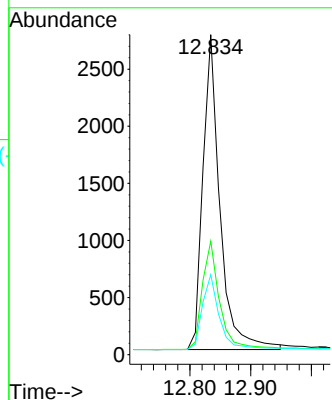
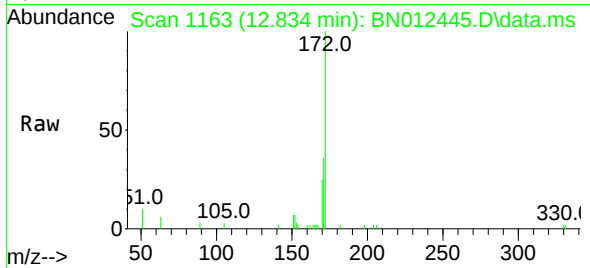
#15
2-Fluorobiphenyl
Concen: 0.52 ng
RT: 12.834 min Scan# 1163
Delta R.T. -0.013 min
Lab File: BN012445.D
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.4
170	25.0	20.0	30.0

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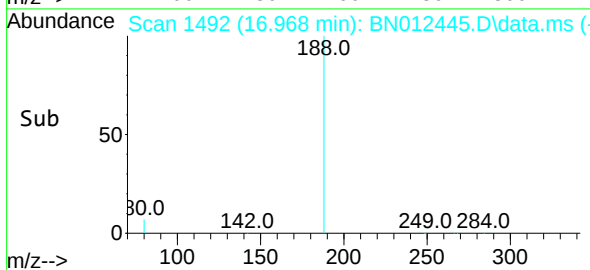
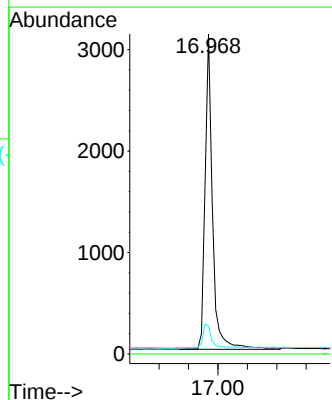
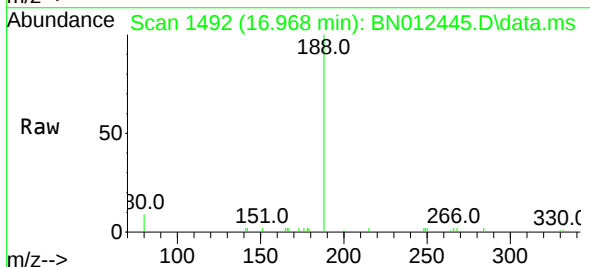
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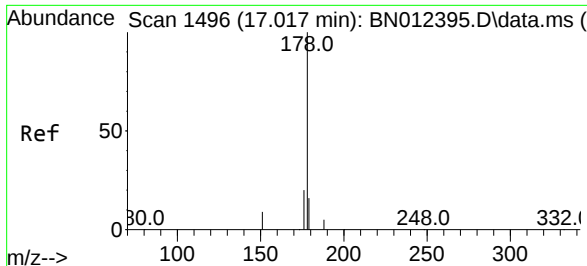
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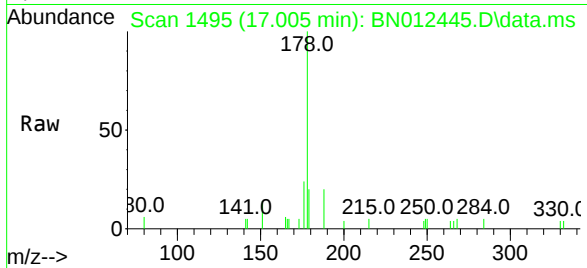
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.968 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN012445.D
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Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	5.0	7.4

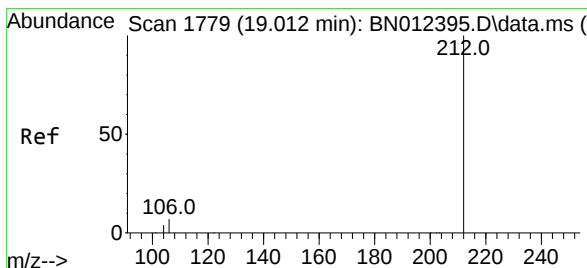
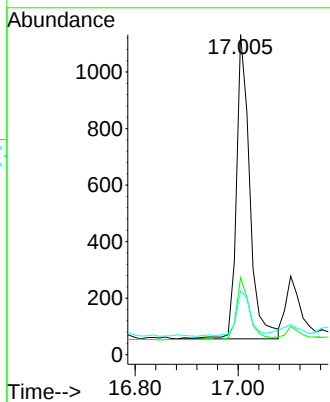
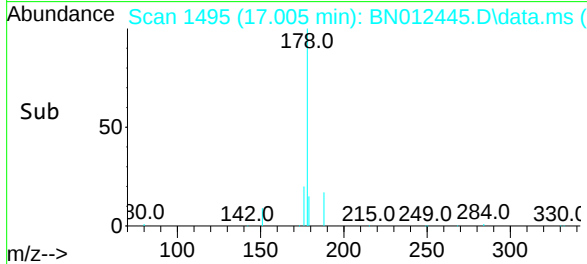




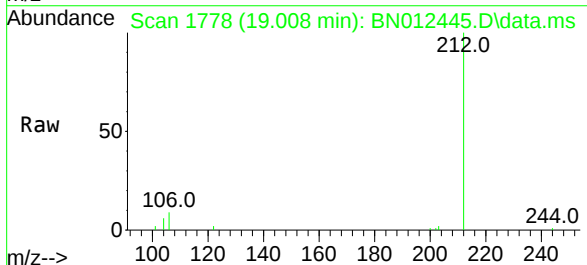
#25
Phenanthrene
Concen: 0.12 ng
RT: 17.005 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BN012445.D
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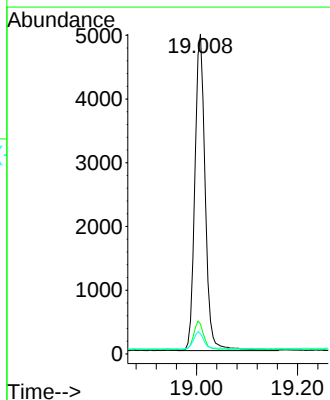
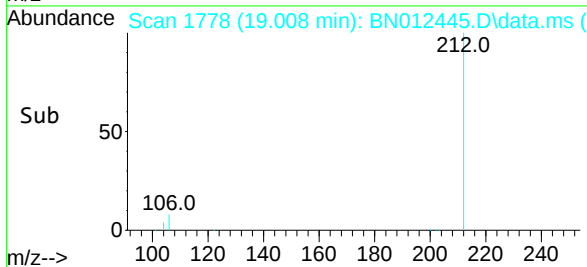
Tgt Ion:178 Resp: 1938
Ion Ratio Lower Upper
178 100
176 19.6 14.8 22.2
179 16.4 12.4 18.6



#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.008 min Scan# 1778
Delta R.T. -0.005 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21



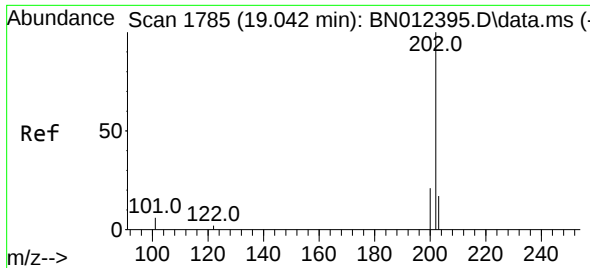
Tgt Ion:212 Resp: 7061
Ion Ratio Lower Upper
212 100
106 8.5 6.8 10.2
104 5.9 4.1 6.1



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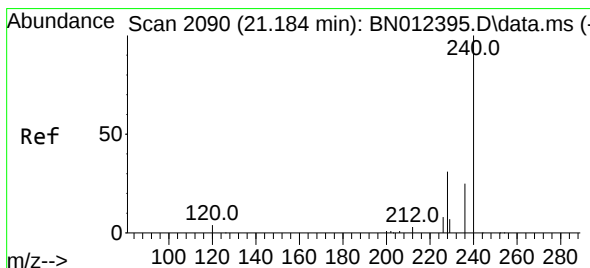
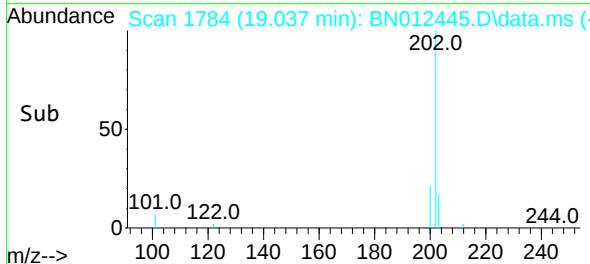
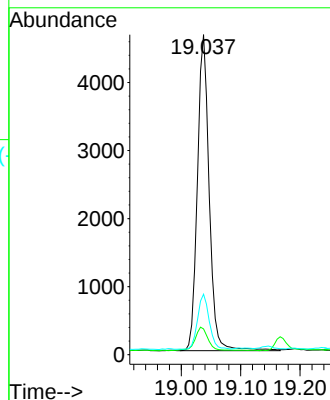
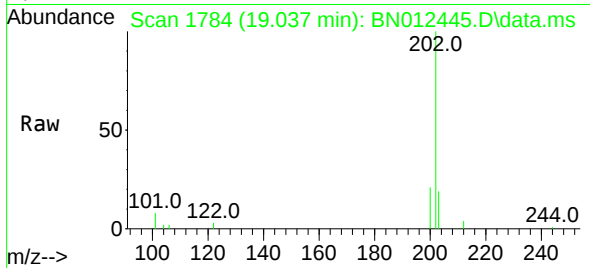
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Fluoranthene
Concen: 0.34 ng
RT: 19.037 min Scan# 1784
Delta R.T. -0.005 min
Lab File: BN012445.D
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Tgt Ion:202 Resp: 6411
Ion Ratio Lower Upper
202 100
101 8.1 5.8 8.6
203 17.0 13.7 20.5

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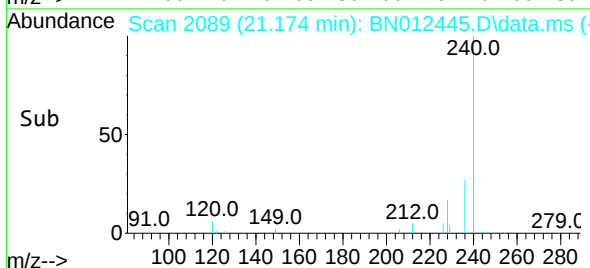
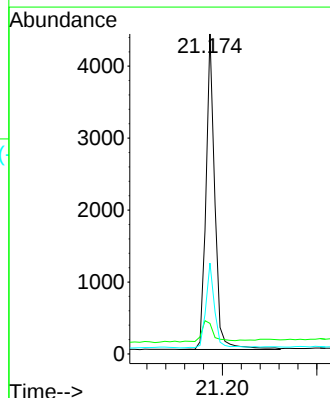
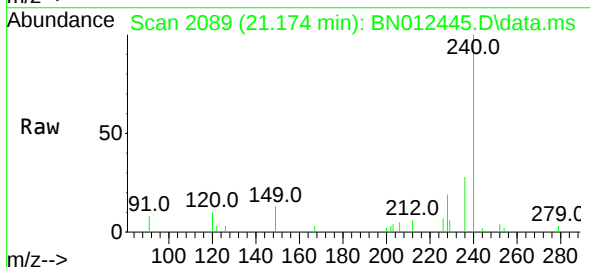
Manual Integrations
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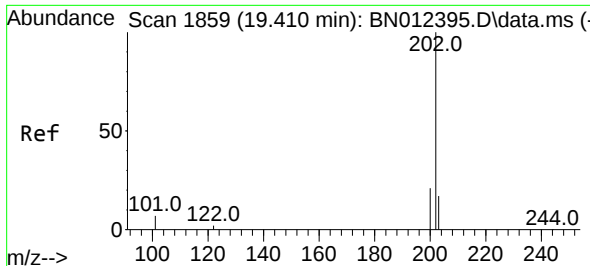
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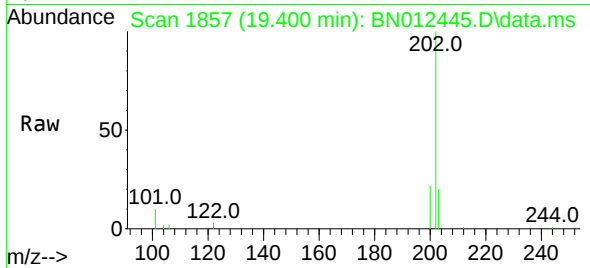
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.174 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN012445.D
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Tgt Ion:240 Resp: 5699
Ion Ratio Lower Upper
240 100
120 9.6 5.3 7.9#
236 28.4 21.8 32.8

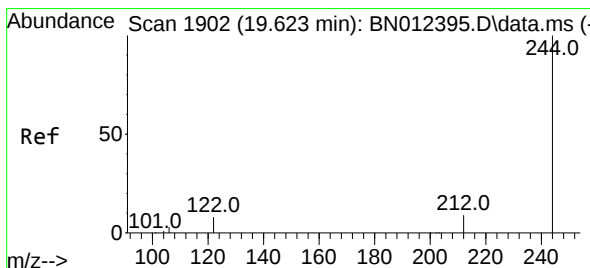
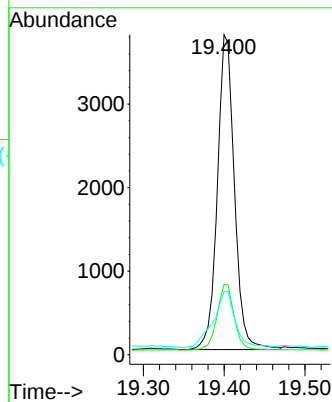
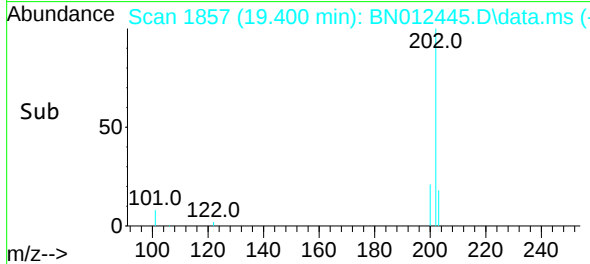




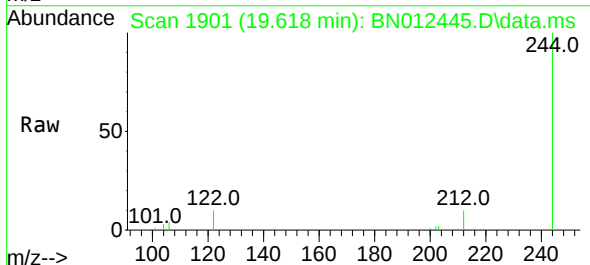
#30
Pyrene
Concen: 0.29 ng
RT: 19.400 min Scan# 1857
Delta R.T. -0.010 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21



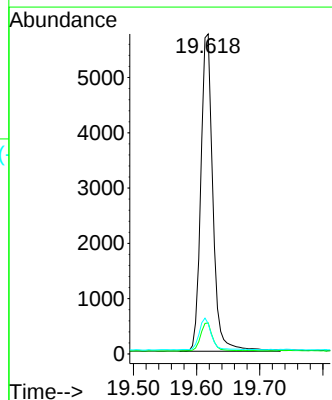
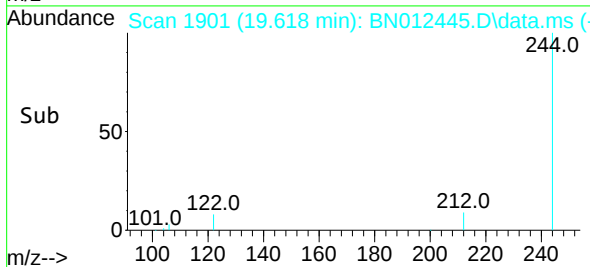
Tgt Ion:202 Resp: 5542
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 22.7 13.8 20.8#



#31
Terphenyl-d14
Concen: 0.57 ng
RT: 19.618 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21



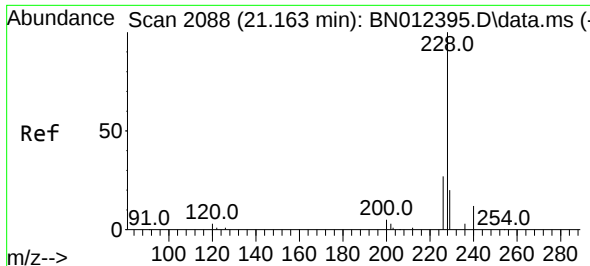
Tgt Ion:244 Resp: 7625
Ion Ratio Lower Upper
244 100
212 9.7 7.3 10.9
122 9.5 7.3 10.9



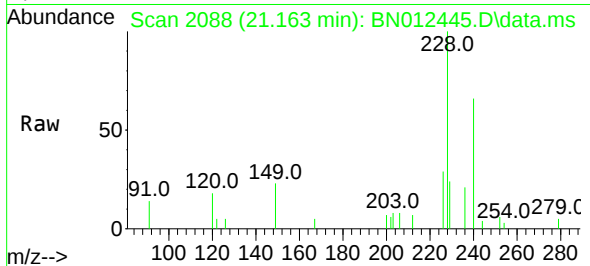
Instrument :
BNA_N
ClientSampleId :
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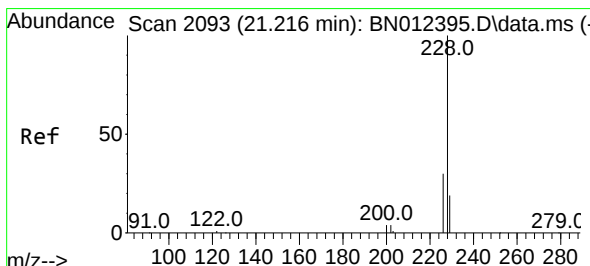
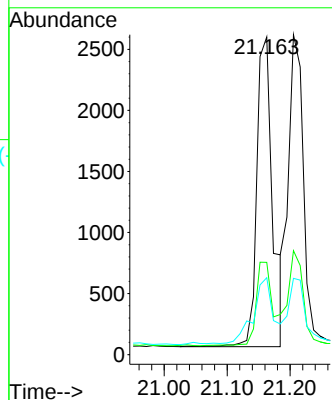
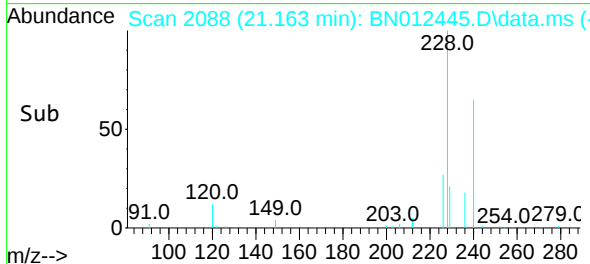
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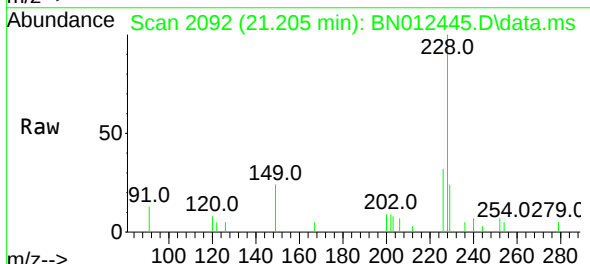
#32
Benzo(a)anthracene
Concen: 0.26 ng
RT: 21.163 min Scan# 2088
Delta R.T. 0.000 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21



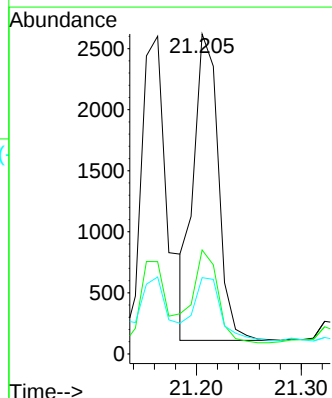
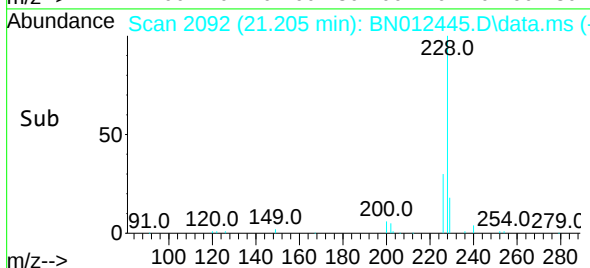
Tgt Ion:228 Resp: 4445
Ion Ratio Lower Upper
228 100
226 29.1 22.3 33.5
229 24.2 15.7 23.5#



#33
Chrysene
Concen: 0.21 ng
RT: 21.205 min Scan# 2092
Delta R.T. -0.011 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21



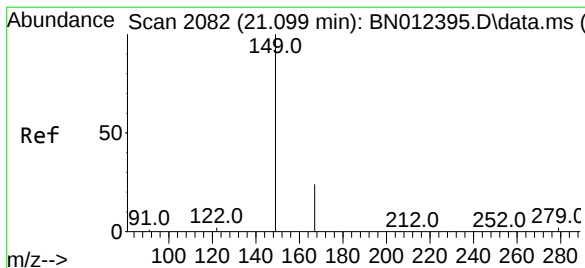
Tgt Ion:228 Resp: 4071
Ion Ratio Lower Upper
228 100
226 32.5 24.2 36.2
229 23.9 15.7 23.5#



Instrument :
BNA_N
ClientSampleId :
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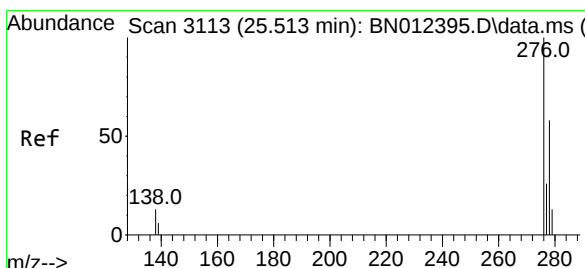
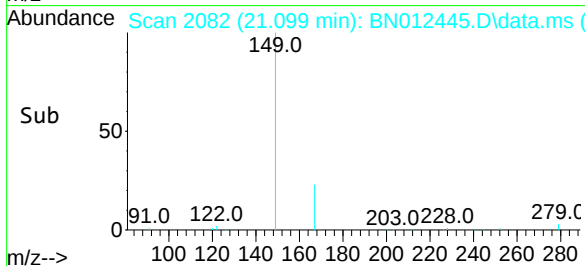
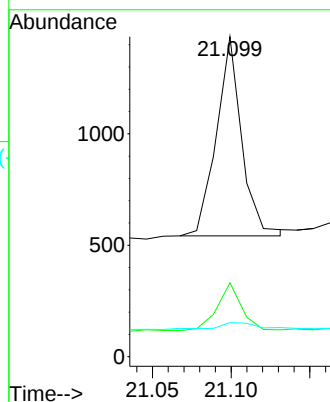
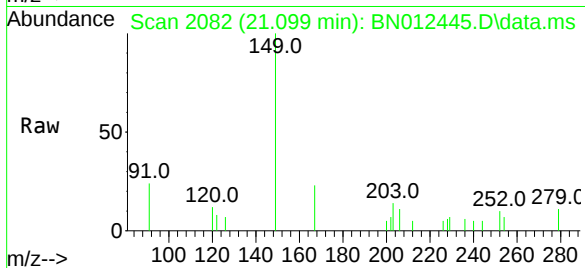
#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.09 ng
 RT: 21.099 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: BN012445.D
 Acq: 29 Oct 2020 19:21

Tgt Ion:149 Resp: 1000
 Ion Ratio Lower Upper
 149 100
 167 23.3 23.2 34.8
 279 3.5 3.9 5.9#

Instrument :
 BNA_N
 ClientSampleId :
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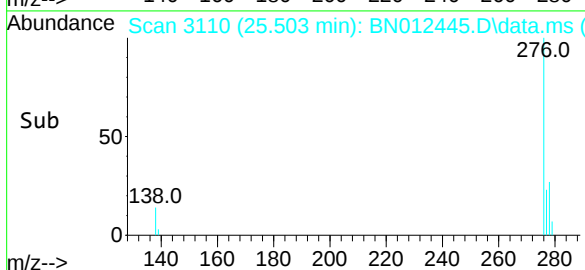
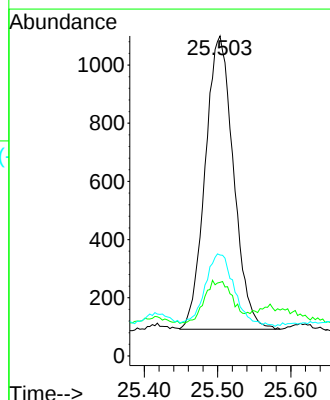
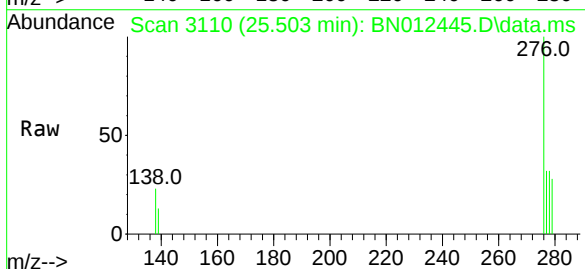
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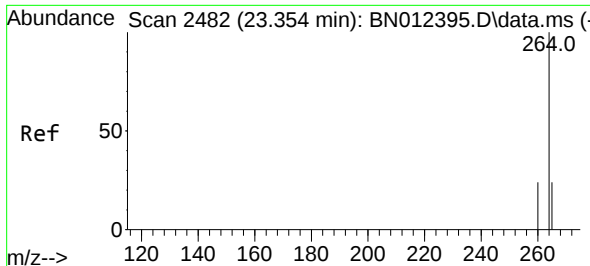
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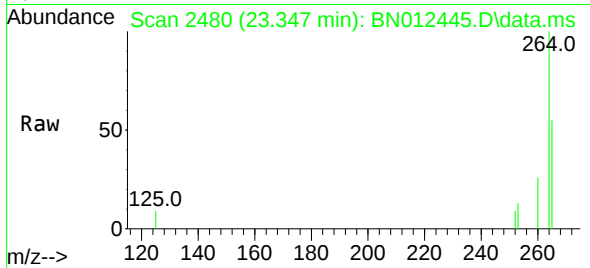
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.10 ng
 RT: 25.503 min Scan# 3110
 Delta R.T. -0.007 min
 Lab File: BN012445.D
 Acq: 29 Oct 2020 19:21

Tgt Ion:276 Resp: 2704
 Ion Ratio Lower Upper
 276 100
 138 14.1 13.3 19.9
 277 25.8 20.2 30.4

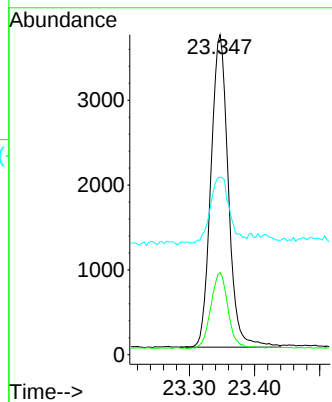
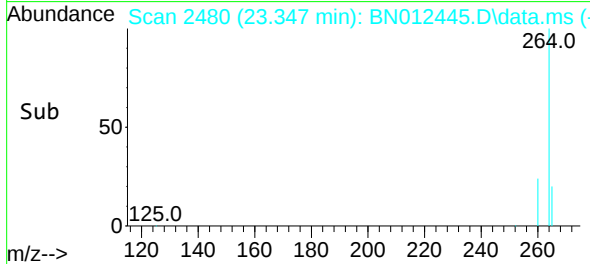




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.347 min Scan# 2480
 Delta R.T. -0.007 min
 Lab File: BN012445.D
 Acq: 29 Oct 2020 19:21



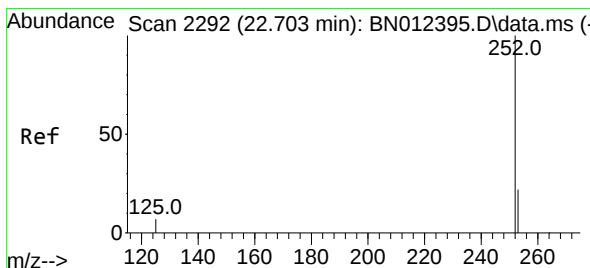
Tgt Ion:264 Resp: 6844
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.8 29.6
 265 55.5 51.4 77.0



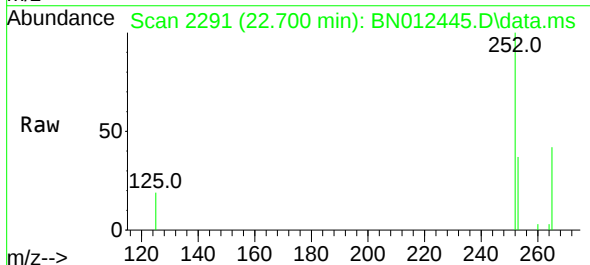
Instrument :
 BNA_N
 ClientSampleId :
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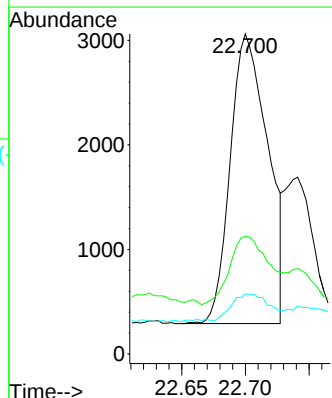
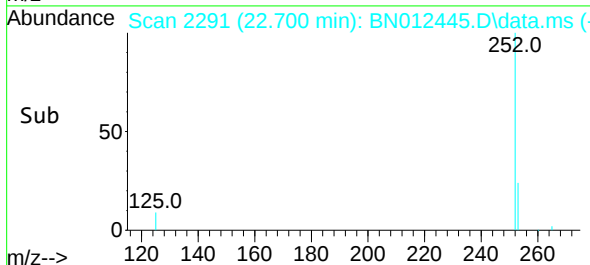
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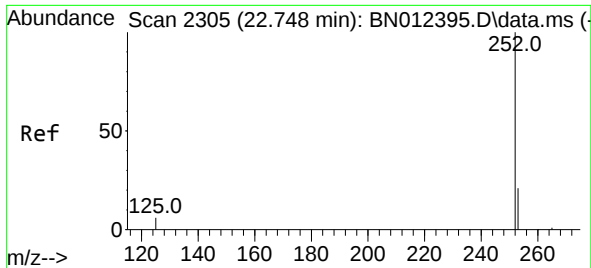


#37
 Benzo(b)fluoranthene
 Concen: 0.26 ng
 RT: 22.700 min Scan# 2291
 Delta R.T. -0.003 min
 Lab File: BN012445.D
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Tgt Ion:252 Resp: 5678
 Ion Ratio Lower Upper
 252 100
 253 36.8 20.1 30.1#
 125 18.7 7.2 10.8#





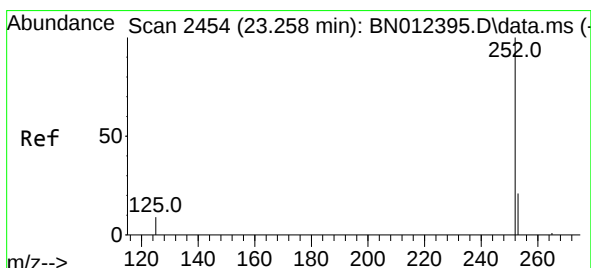
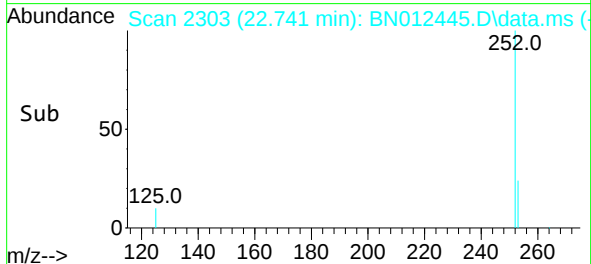
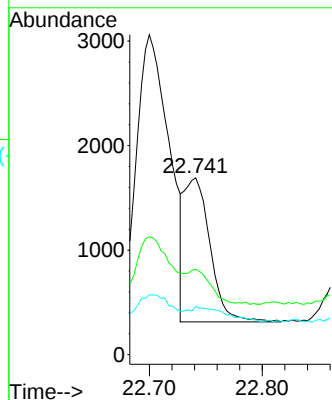
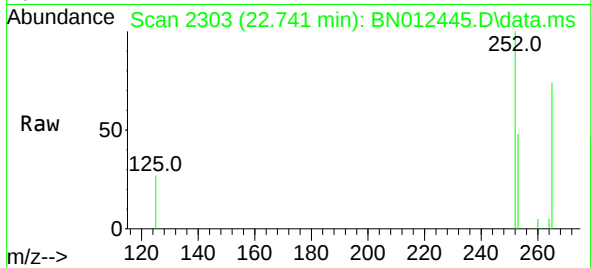
#38
Benzo(k)fluoranthene
Concen: 0.09 ng m
RT: 22.741 min Scan# 2303
Delta R.T. -0.007 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

Tgt Ion:252 Resp: 2200
Ion Ratio Lower Upper
252 100
253 48.3 19.8 29.8#
125 27.3 7.1 10.7#

Instrument :
BNA_N
ClientSampleId :
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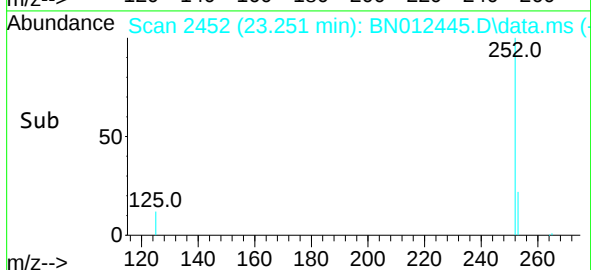
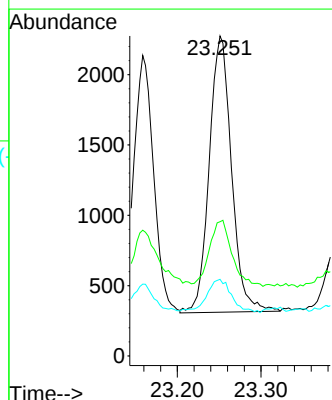
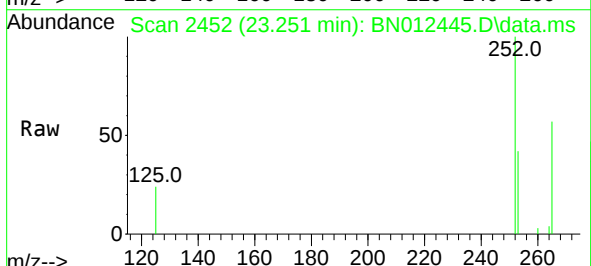
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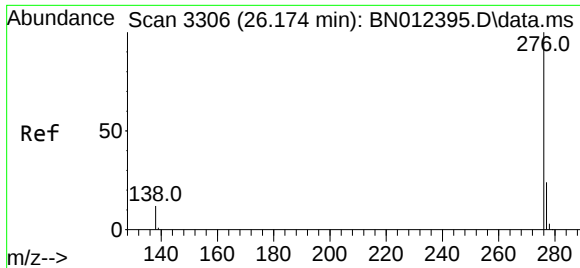
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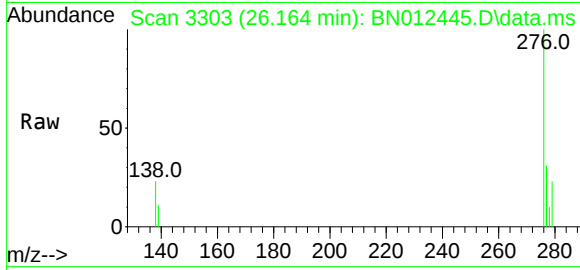
#39
Benzo(a)pyrene
Concen: 0.17 ng
RT: 23.251 min Scan# 2452
Delta R.T. -0.010 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21

Tgt Ion:252 Resp: 3636
Ion Ratio Lower Upper
252 100
253 41.9 21.3 31.9#
125 24.0 8.3 12.5#

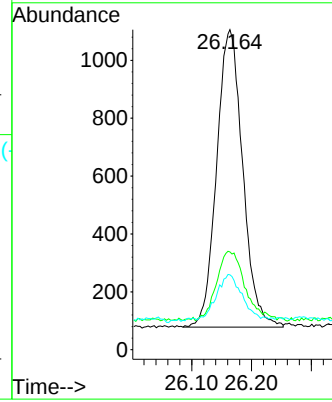
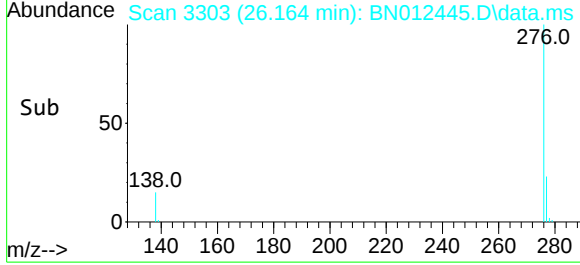




#41
Benzo(g,h,i)perylene
Concen: 0.13 ng
RT: 26.164 min Scan# 3303
Delta R.T. -0.007 min
Lab File: BN012445.D
Acq: 29 Oct 2020 19:21



Tgt Ion: 276 Resp: 3116
Ion Ratio Lower Upper
276 100
277 30.6 19.8 29.8#
138 23.4 11.7 17.5#



Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC1-SO-0001

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