

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030821\
 Data File : BN013879.D
 Acq On : 08 Mar 2021 20:47
 Operator : CG/JU
 Sample : M1584-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-858-860

Manual Integrations
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Quant Time: Mar 08 23:12:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 08 10:32:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5924	0.40	ng	0.00
7) Naphthalene-d8	10.505	136	23410	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	6841	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	25963	0.40	ng	0.00
29) Chrysene-d12	21.268	240	18723	0.40	ng	# 0.00
36) Perylene-d12	23.497	264	1346	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.316	112	1651	0.10	ng	0.00
5) Phenol-d6	6.879	99	1475	0.07	ng	0.00
8) Nitrobenzene-d5	8.857	82	4689	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	9137	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	1500	0.54	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	14307	0.59	ng	0.00
27) Fluoranthene-d10	19.121	212	19906	0.26	ng	0.00
31) Terphenyl-d14	19.722	244	33136	0.80	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.255	88	1322	0.18	ng	# 46
25) Phenanthrene	17.128	178	2986	0.04	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.194	149	23820	0.87	ng	99
37) Benzo(b)fluoranthene	22.826	252	695	0.16	ng	# 1
38) Benzo(k)fluoranthene	22.874	252	454	0.11	ng	# 1
39) Benzo(a)pyrene	23.394	252	765	0.20	ng	# 1
41) Benzo(g,h,i)perylene	26.413	276	193m	0.05	ng	

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

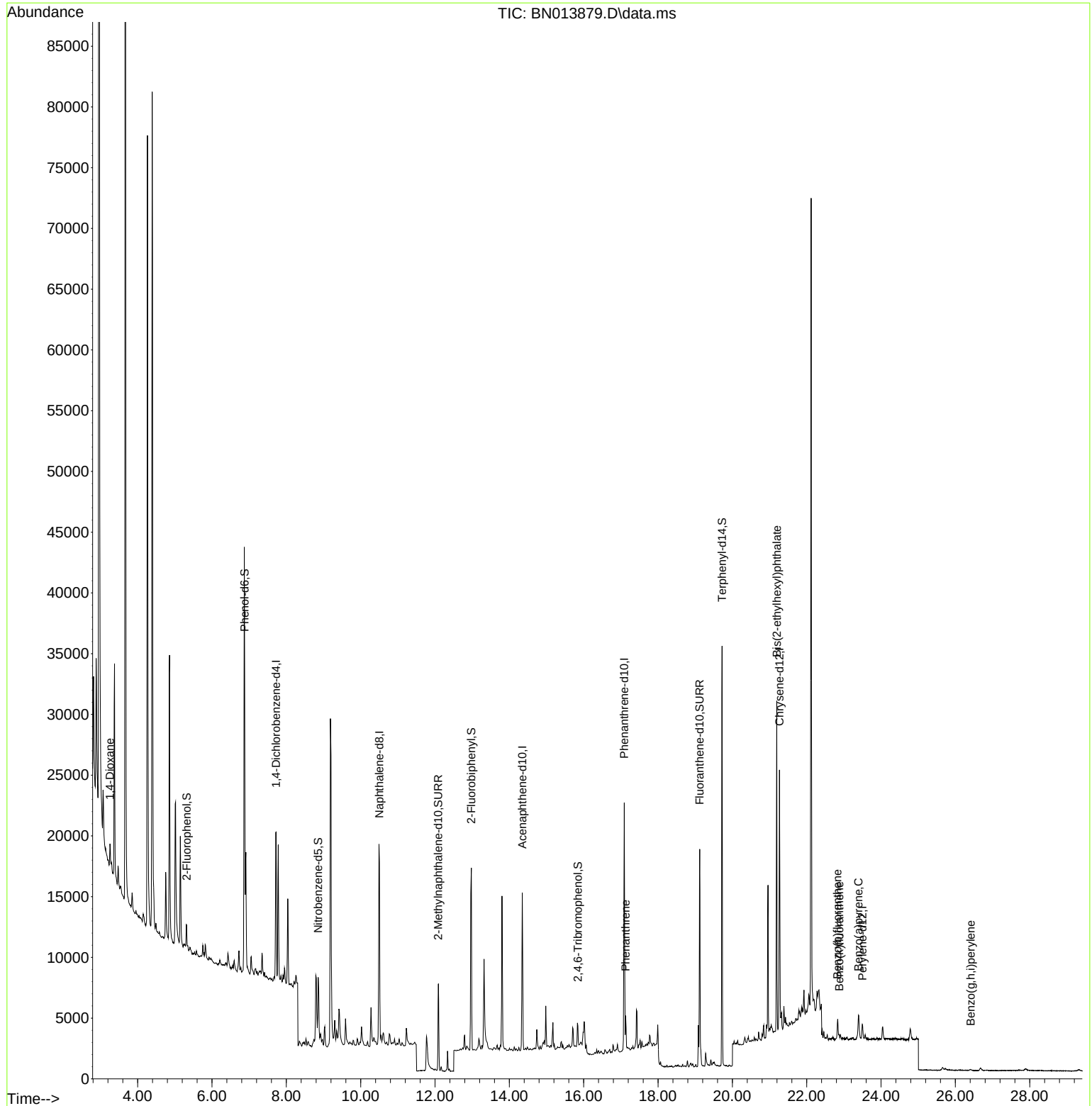
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030821\
Data File : BN013879.D
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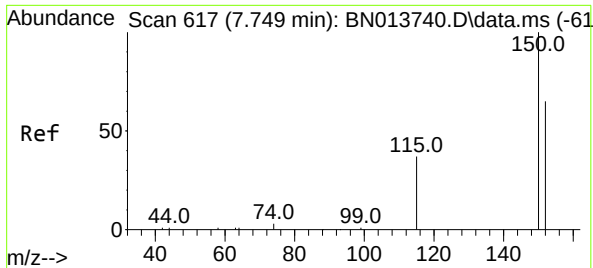
Instrument :
BNA_N
ClientSampleId :
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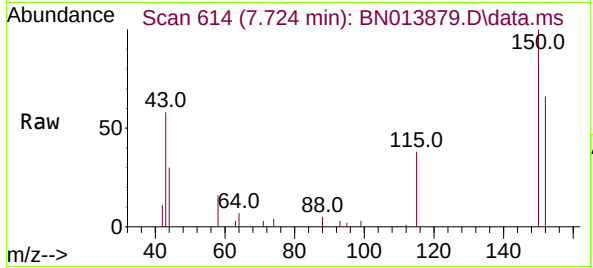
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
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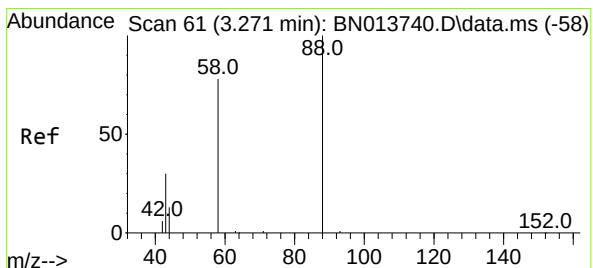
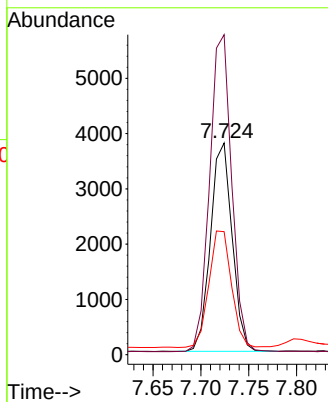
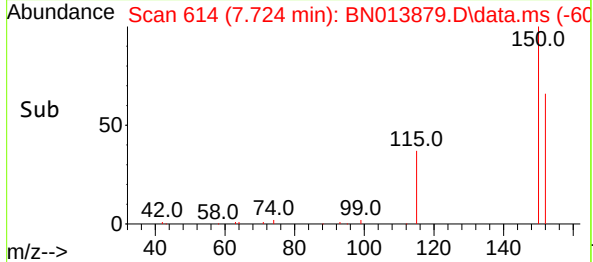


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.724 min Scan# 614
Delta R.T. 0.000 min
Lab File: BN013879.D
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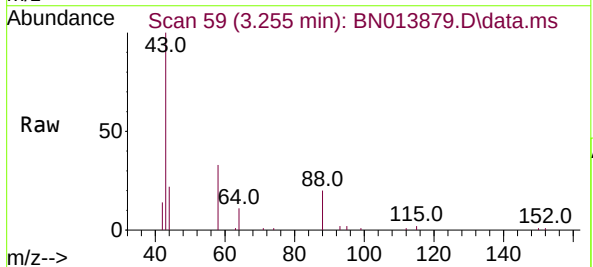


Tgt Ion: 152 Resp: 5924

Ion	Ratio	Lower	Upper
152	100		
150	151.2	121.8	182.8
115	58.1	46.6	69.8

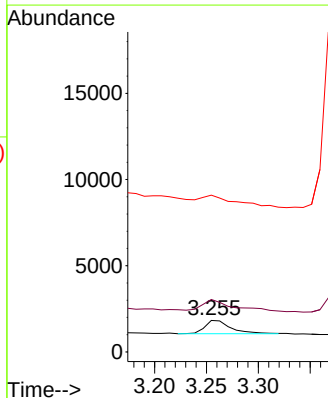
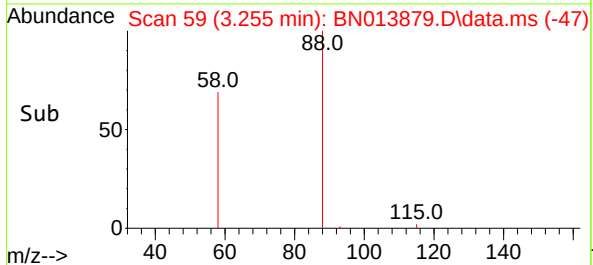


#2
1,4-Dioxane
Concen: 0.18 ng
RT: 3.255 min Scan# 59
Delta R.T. 0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47



Tgt Ion: 88 Resp: 1322

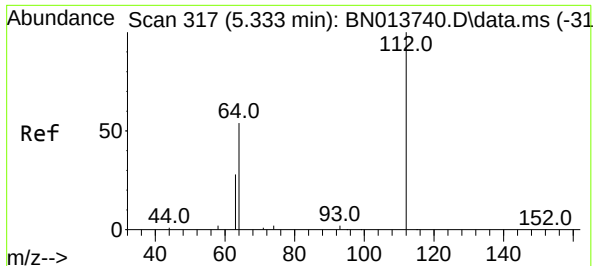
Ion	Ratio	Lower	Upper
88	100		
58	96.4	64.6	96.8
43	113.5	26.6	40.0



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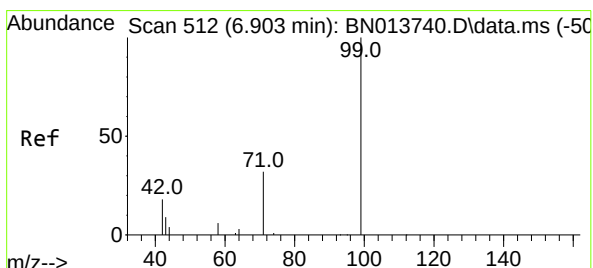
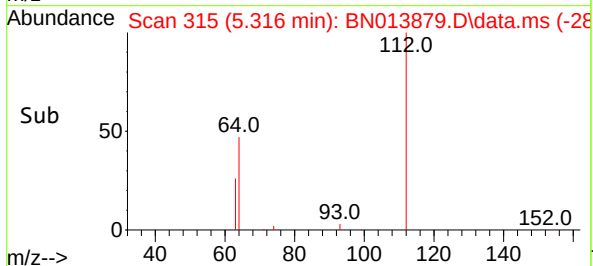
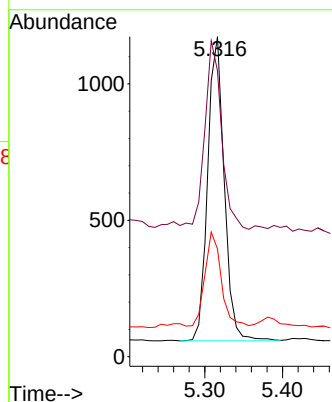
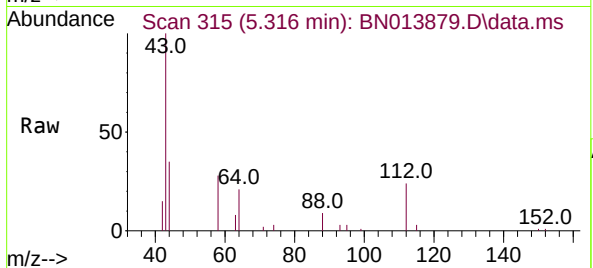
#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.316 min Scan# 315
Delta R.T. 0.008 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

Tgt Ion: 112 Resp: 1651
Ion Ratio Lower Upper
112 100
64 63.1 44.3 66.5
63 31.1 23.0 34.6

Instrument :
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ClientSampleId :
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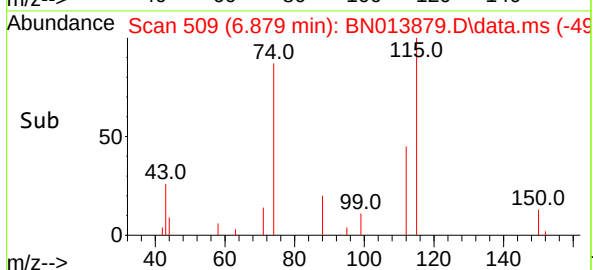
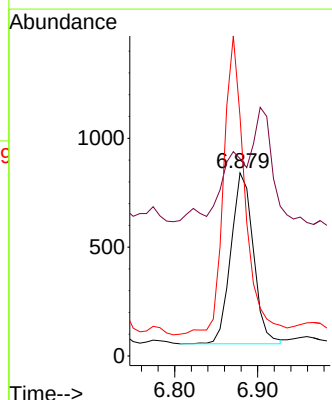
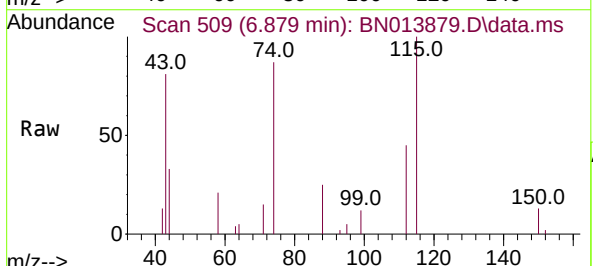
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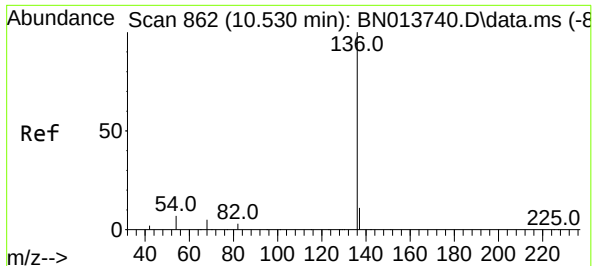
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#5
Phenol-d6
Concen: 0.07 ng
RT: 6.879 min Scan# 509
Delta R.T. 0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

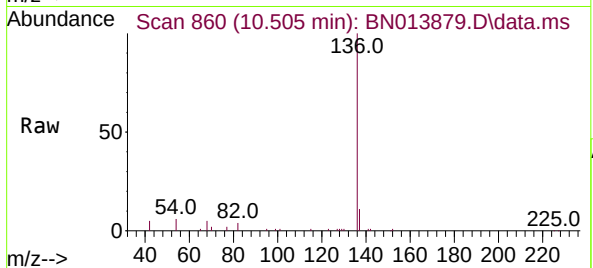
Tgt Ion: 99 Resp: 1475
Ion Ratio Lower Upper
99 100
42 45.5 15.2 22.8#
71 165.8 26.1 39.1#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

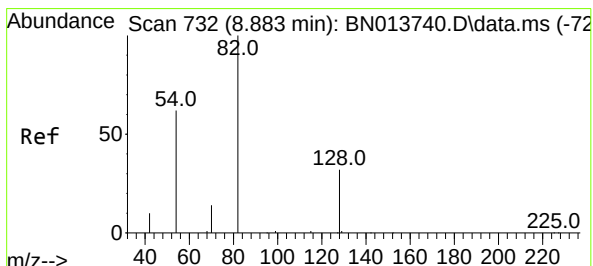
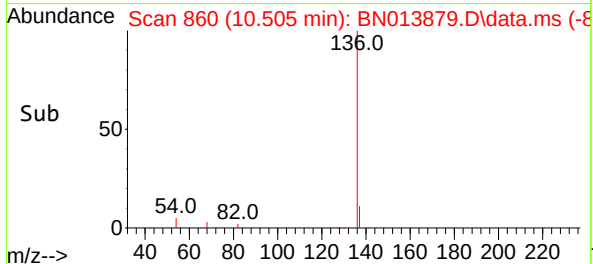
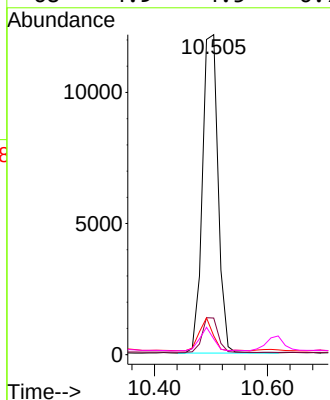
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Tgt Ion:	136	Resp:	23410
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	5.9	6.4	9.6#
68	4.9	4.5	6.7

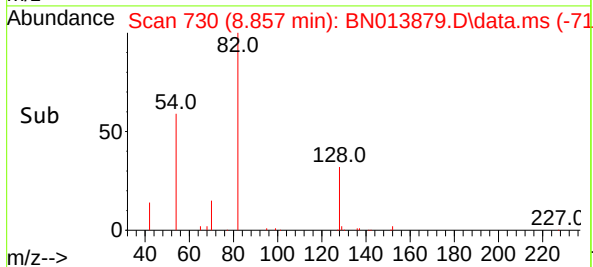
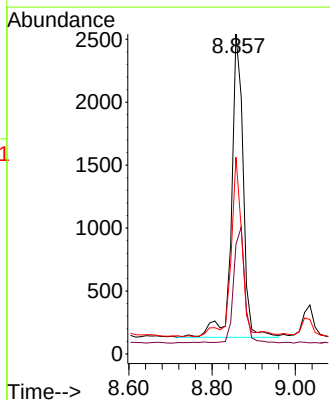
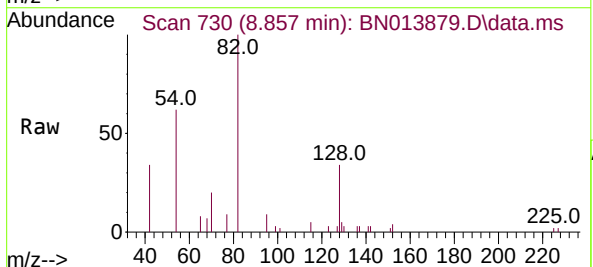
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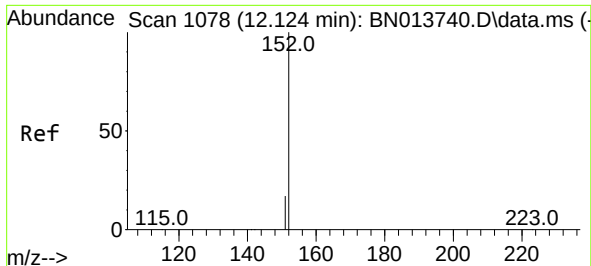
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#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.857 min Scan# 730
Delta R.T. 0.000 min
Lab File: BN013879.D
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Tgt Ion:	82	Resp:	4689
Ion Ratio	Lower	Upper	
82	100		
128	34.2	39.2	58.8#
54	61.5	40.1	60.1#





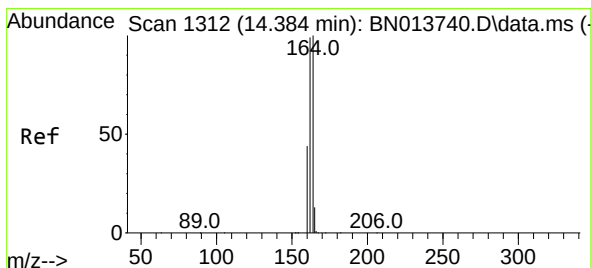
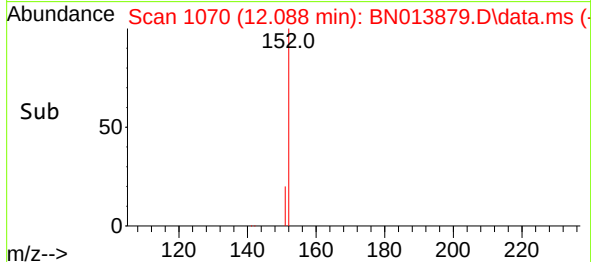
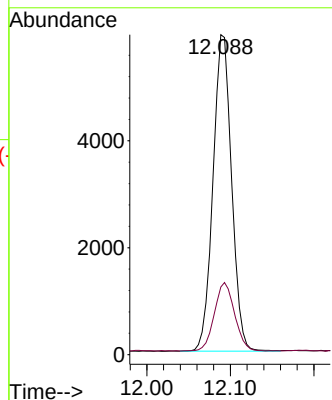
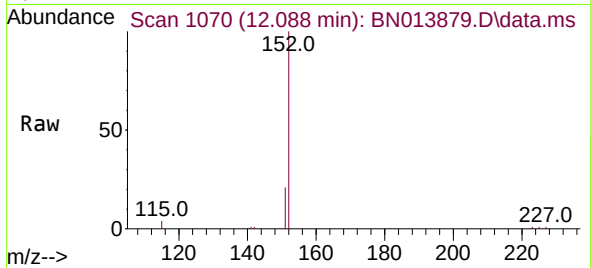
#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.088 min Scan# 1070
Delta R.T. -0.004 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

Tgt Ion:152 Resp: 9137
Ion Ratio Lower Upper
152 100
151 23.5 16.2 24.2

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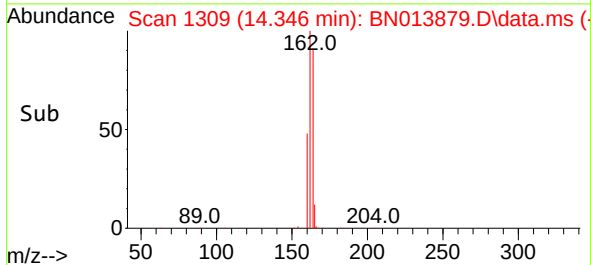
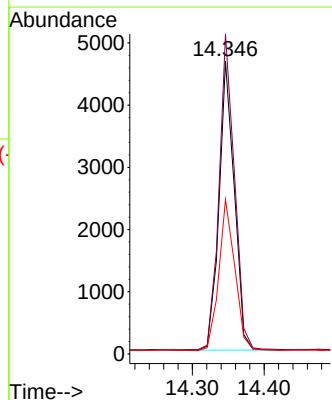
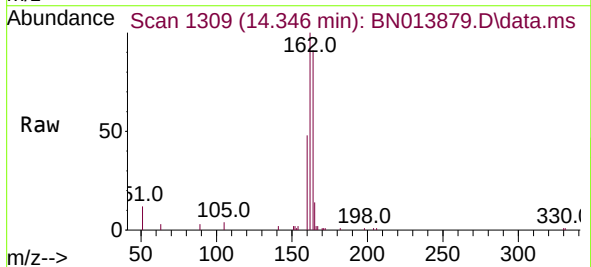
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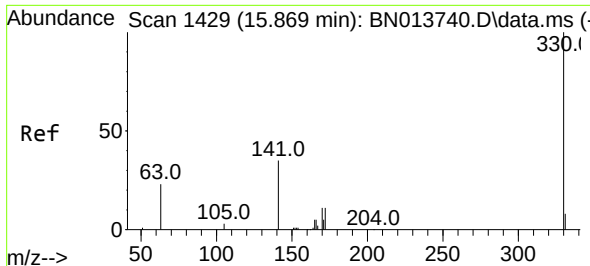
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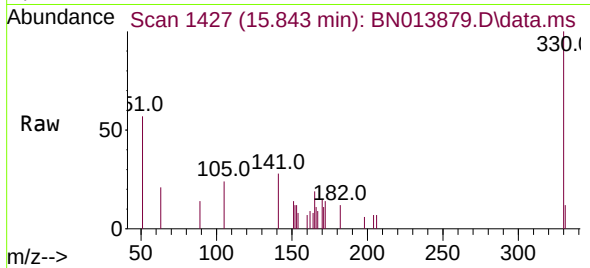
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

Tgt Ion:164 Resp: 6841
Ion Ratio Lower Upper
164 100
162 109.3 79.6 119.4
160 52.8 36.0 54.0

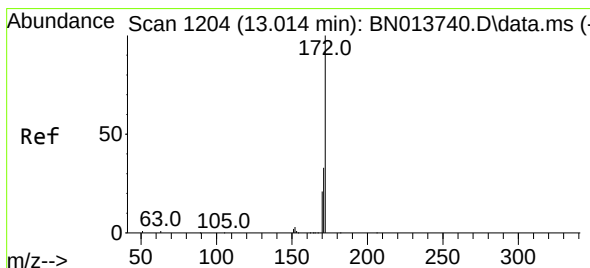
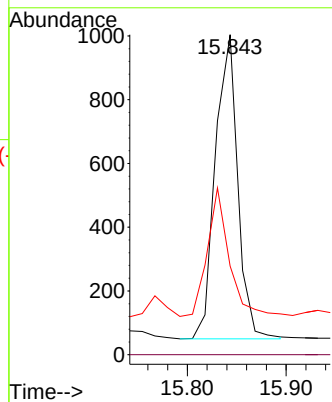
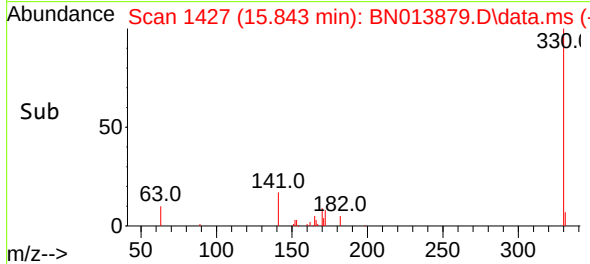




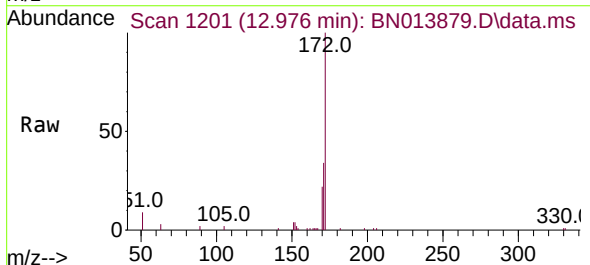
#14
2,4,6-Tribromophenol
Concen: 0.54 ng
RT: 15.843 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47



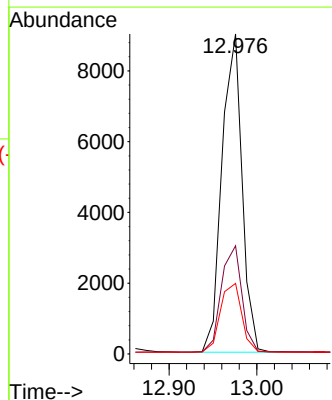
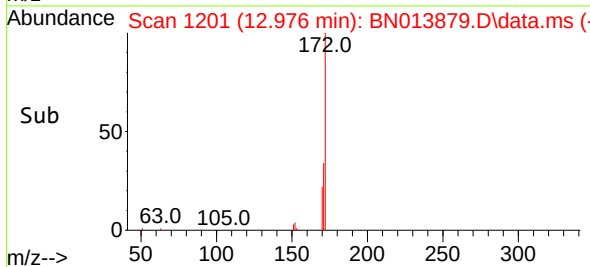
Tgt Ion: 330 Resp: 1500
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.1 26.8 40.2#



#15
2-Fluorobiphenyl
Concen: 0.59 ng
RT: 12.976 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47



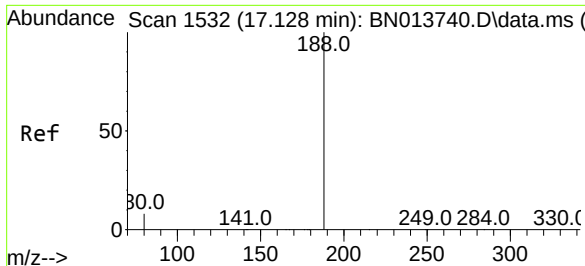
Tgt Ion: 172 Resp: 14307
Ion Ratio Lower Upper
172 100
171 33.8 28.6 42.8
170 22.1 18.9 28.3



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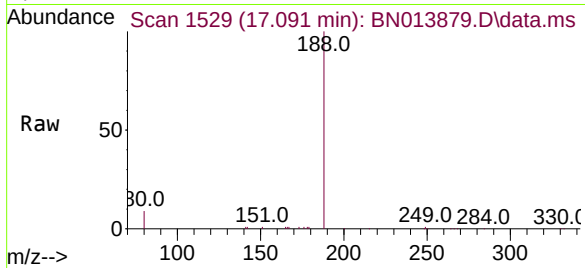
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#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

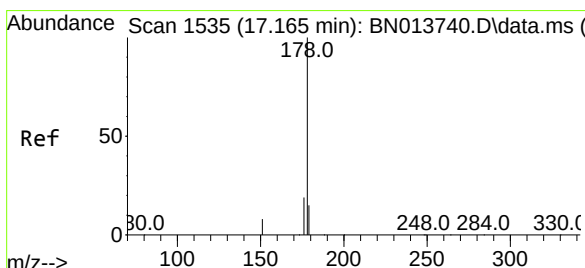
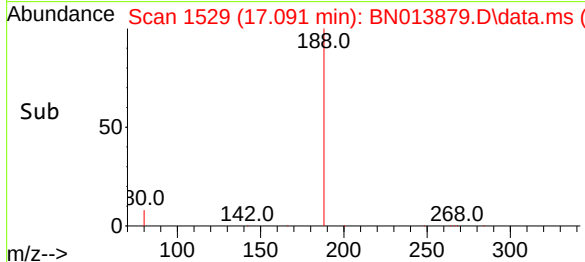
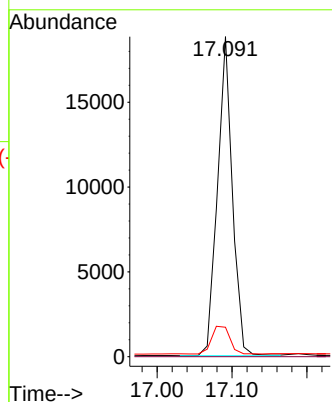
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Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	9.0	13.6

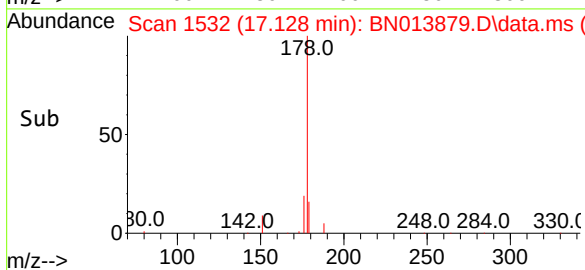
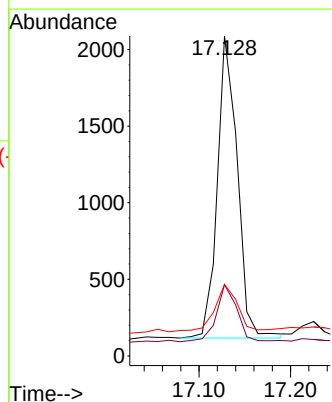
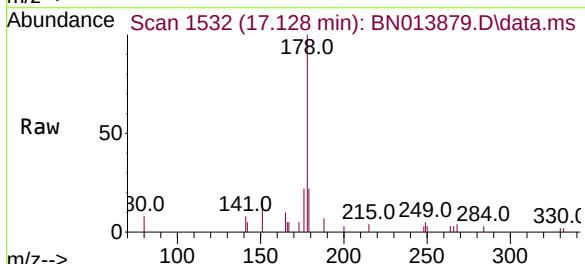
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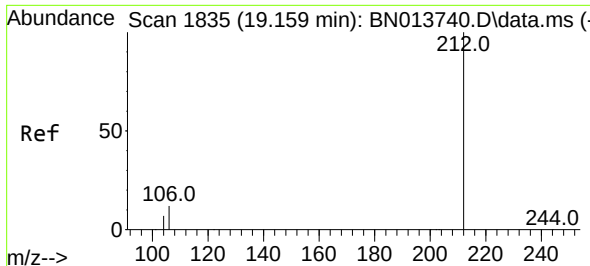
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#25
Phenanthrene
Concen: 0.04 ng
RT: 17.128 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

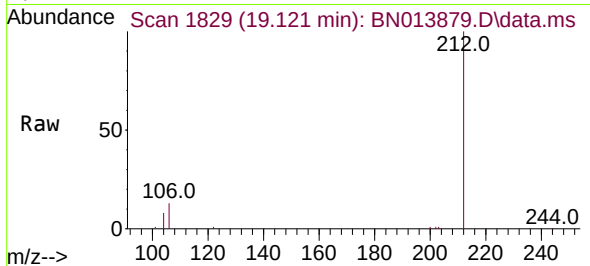
Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.0	22.4
179	18.6	12.3	18.5





#27
Fluoranthene-d10
Concen: 0.26 ng
RT: 19.121 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

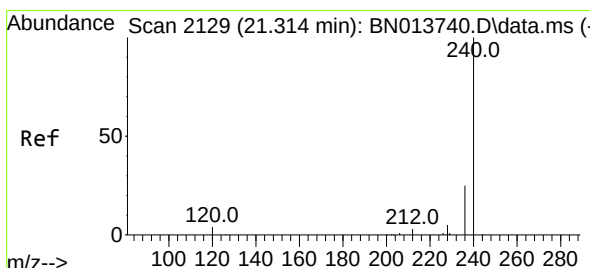
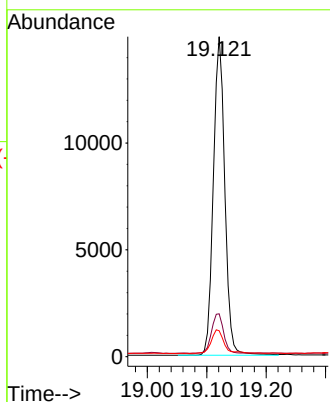
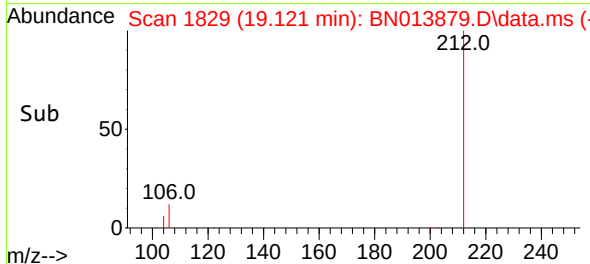
Instrument :
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BP-TT-VPB-RW6-GW-858-860



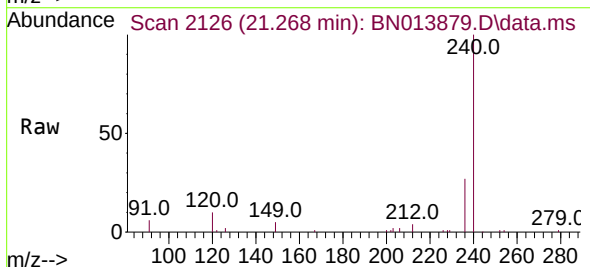
Tgt Ion:212 Resp: 19906
Ion Ratio Lower Upper
212 100
106 13.1 9.7 14.5
104 8.4 5.5 8.3#

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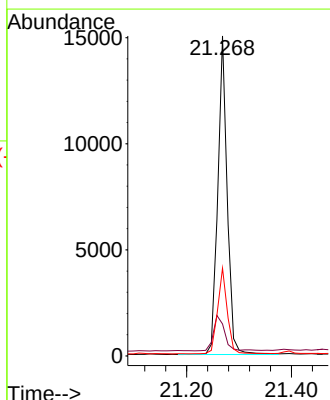
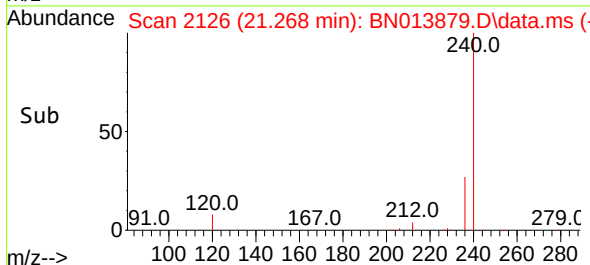
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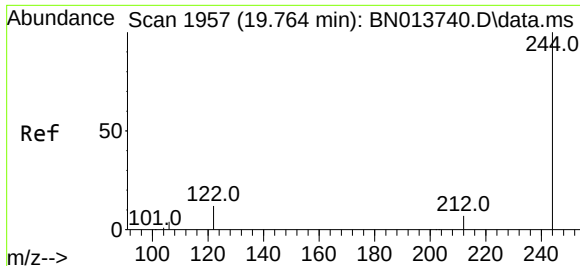


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.268 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47



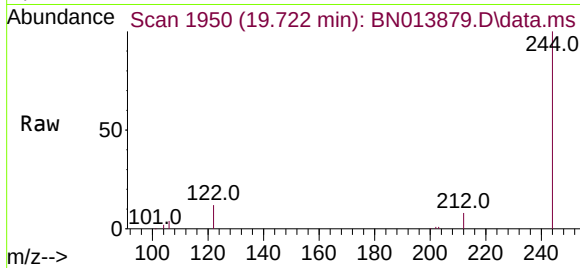
Tgt Ion:240 Resp: 18723
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.4#
236 27.4 21.3 31.9





#31
Terphenyl-d14
Concen: 0.80 ng
RT: 19.722 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

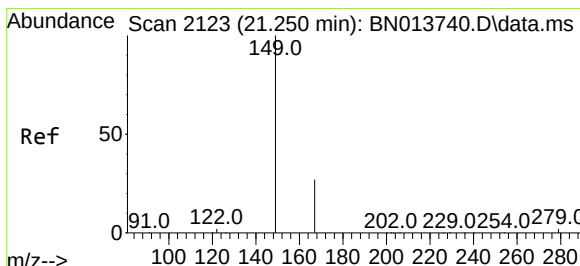
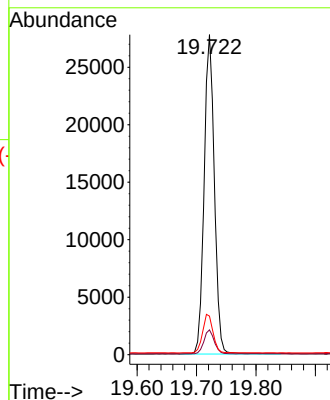
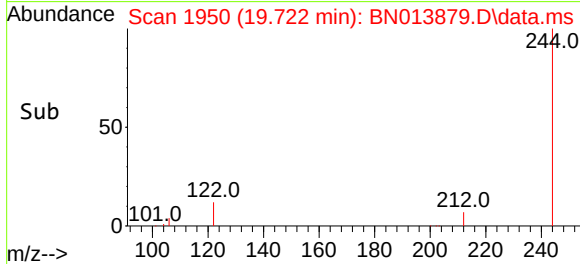
Instrument :
BNA_N
ClientSampleId :
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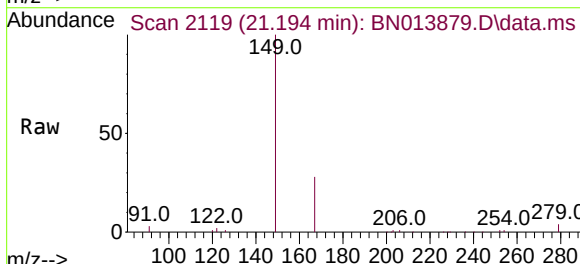
Tgt Ion:244 Resp: 33136
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 12.1 9.8 14.8

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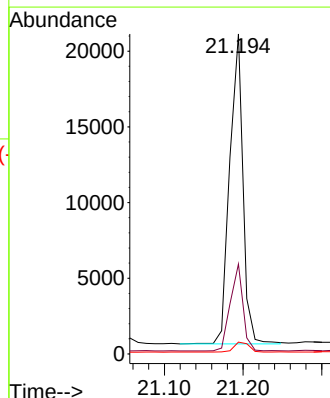
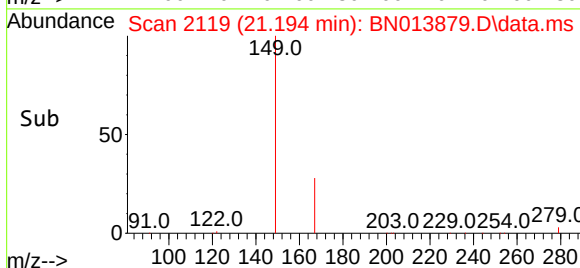
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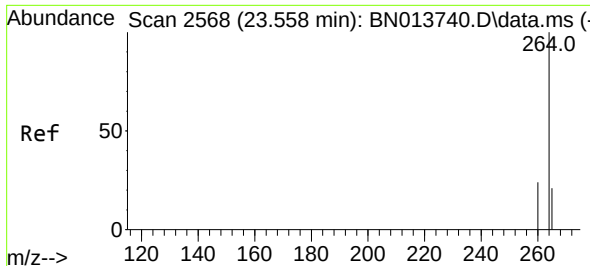


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.87 ng
RT: 21.194 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

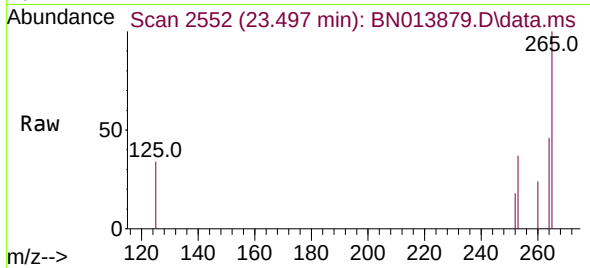


Tgt Ion:149 Resp: 23820
Ion Ratio Lower Upper
149 100
167 26.9 22.1 33.1
279 3.7 3.5 5.3

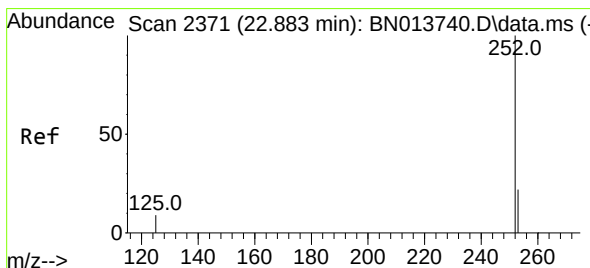
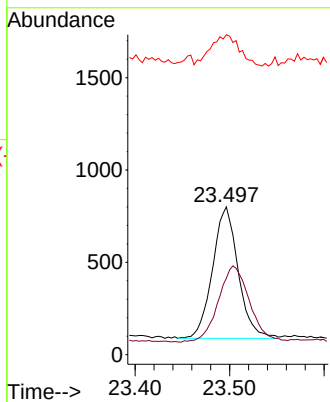
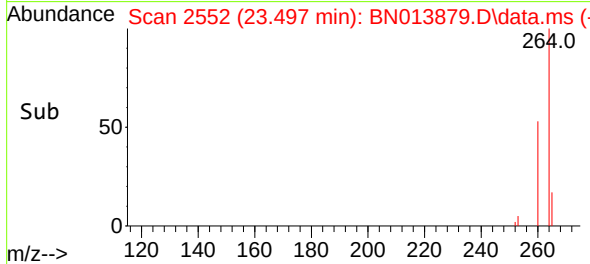




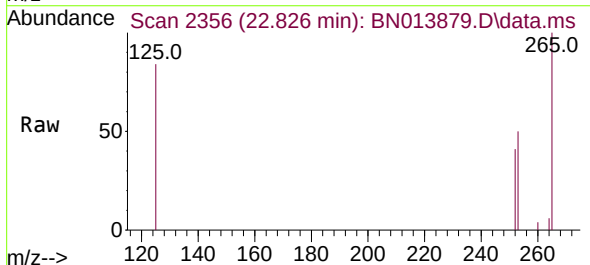
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.497 min Scan# 2552
Delta R.T. 0.003 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47



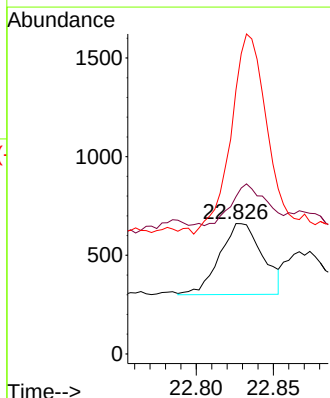
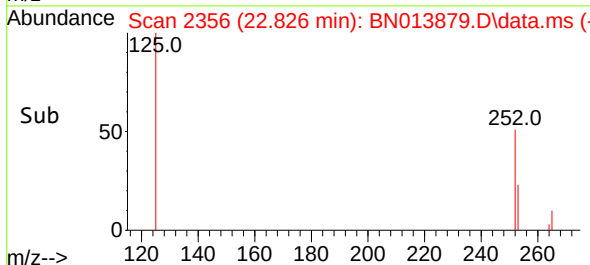
Tgt Ion:264 Resp: 1346
Ion Ratio Lower Upper
264 100
260 51.7 19.3 28.9#
265 216.4 66.2 99.4#



#37
Benzo(b)fluoranthene
Concen: 0.16 ng
RT: 22.826 min Scan# 2356
Delta R.T. -0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47



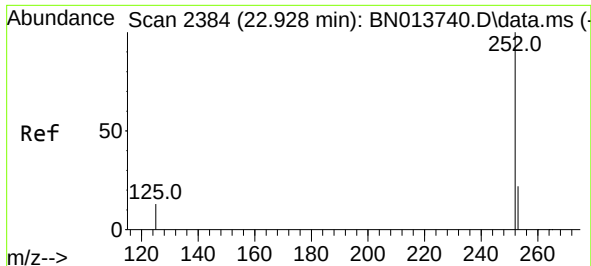
Tgt Ion:252 Resp: 695
Ion Ratio Lower Upper
252 100
253 120.6 20.4 30.6#
125 202.4 11.6 17.4#



Instrument :
BNA_N
ClientSampleId :
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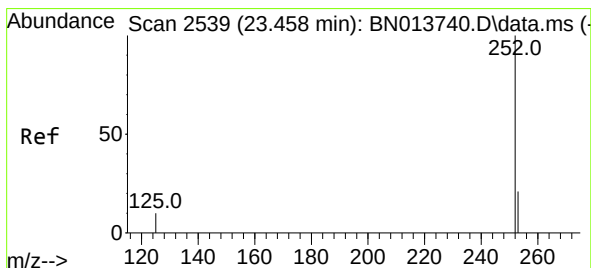
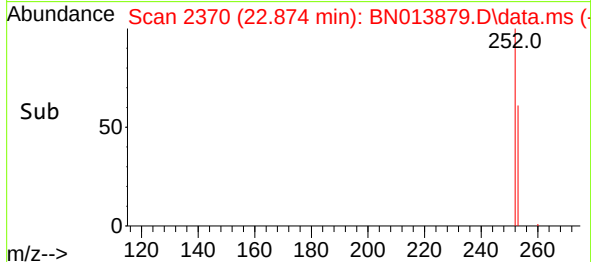
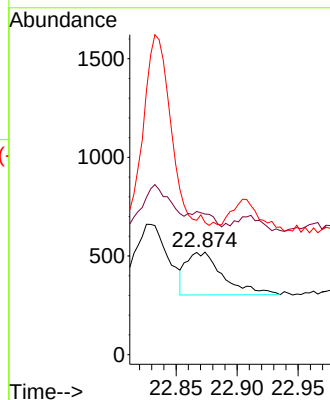
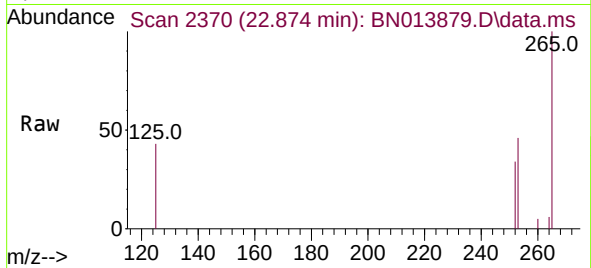
#38
Benzo(k)fluoranthene
Concen: 0.11 ng
RT: 22.874 min Scan# 2370
Delta R.T. 0.007 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

Tgt Ion:252 Resp: 454
Ion Ratio Lower Upper
252 100
253 137.1 20.5 30.7#
125 128.8 12.3 18.5#

Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-858-860

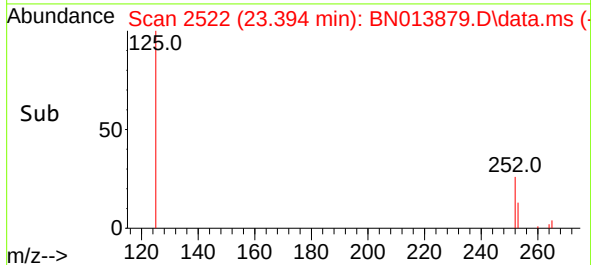
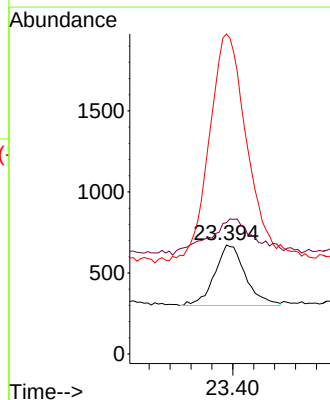
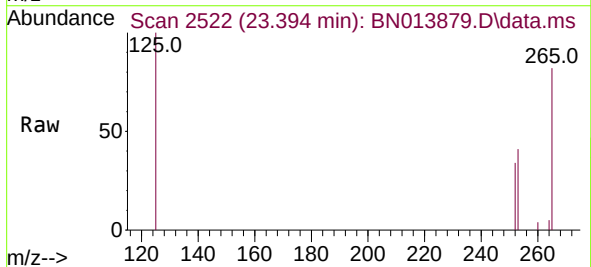
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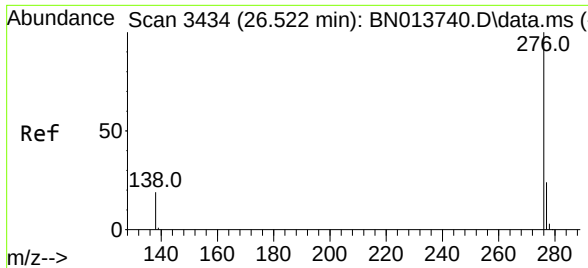
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#39
Benzo(a)pyrene
Concen: 0.20 ng
RT: 23.394 min Scan# 2522
Delta R.T. -0.003 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

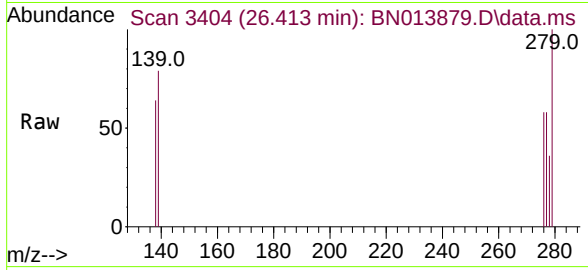
Tgt Ion:252 Resp: 765
Ion Ratio Lower Upper
252 100
253 120.4 21.8 32.6#
125 293.5 14.6 21.8#





#41
Benzo(g,h,i)perylene
Concen: 0.05 ng m
RT: 26.413 min Scan# 3404
Delta R.T. 0.003 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-858-860



Tgt Ion	Ratio	Lower	Upper
276	100		
277	100.9	20.0	30.0#
138	111.8	17.8	26.8#

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