

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030321\
 Data File : BN013819.D
 Acq On : 03 Mar 2021 14:40
 Operator : CG/JU
 Sample : M1544-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT-040-IDWSO-20210301

Quant Time: Mar 03 15:09:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 25 11:31:11 2021
 Response via : Initial Calibration

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

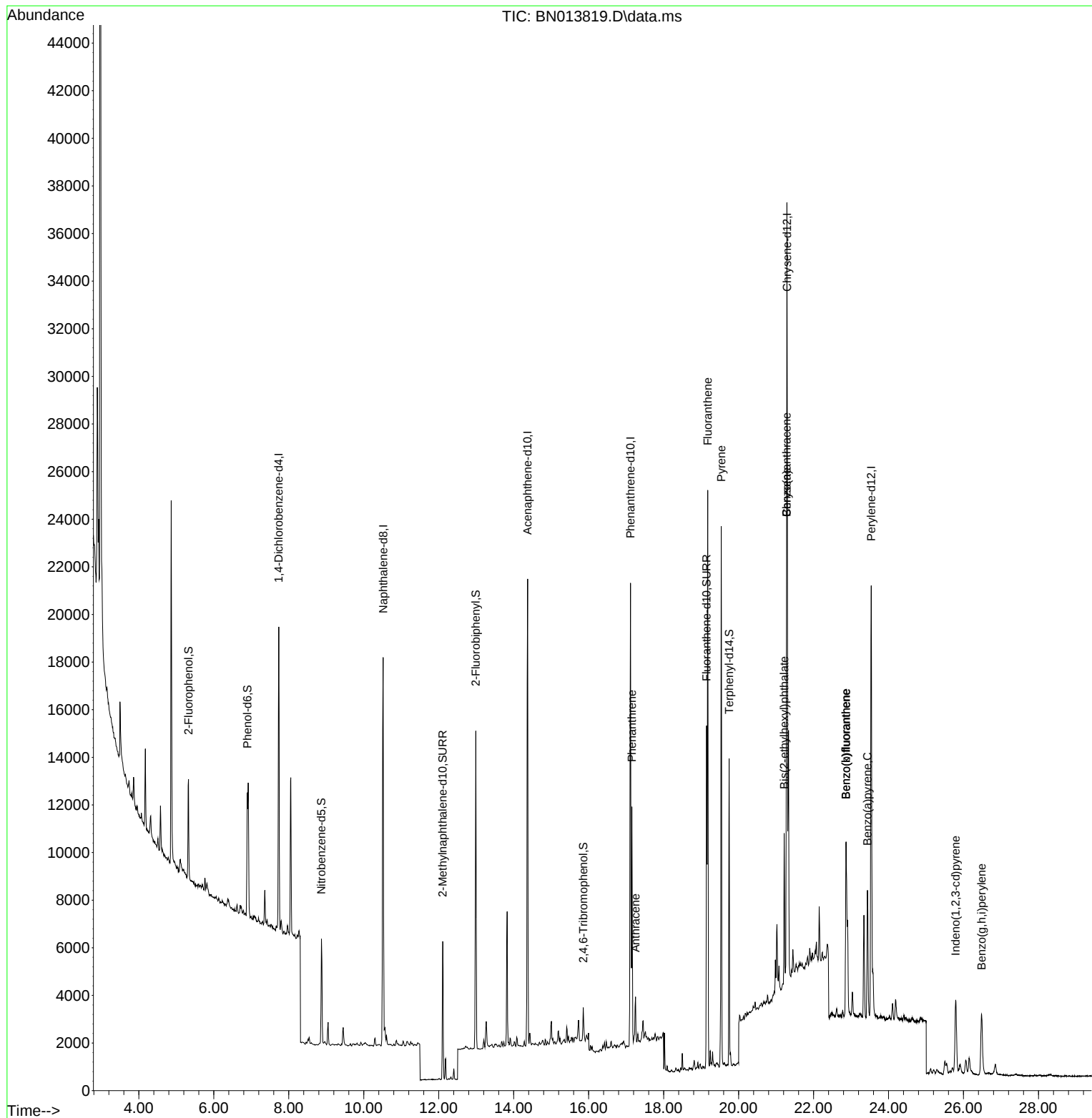
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.733	152	5816	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	22026	0.40	ng	-0.01
13) Acenaphthene-d10	14.372	164	11886	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	25912	0.40	ng	#-0.01
29) Chrysene-d12	21.290	240	26493	0.40	ng	-0.01
36) Perylene-d12	23.538	264	24352	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	3179	0.20	ng	0.00
5) Phenol-d6	6.895	99	4183	0.20	ng	0.00
8) Nitrobenzene-d5	8.870	82	3539	0.25	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	7767	0.22	ng	-0.01
14) 2,4,6-Tribromophenol	15.856	330	809	0.17	ng	-0.01
15) 2-Fluorobiphenyl	12.989	172	10903	0.26	ng	-0.01
27) Fluoranthene-d10	19.146	212	15097	0.20	ng	0.00
31) Terphenyl-d14	19.747	244	12053	0.21	ng	-0.01
Target Compounds						Qvalue
25) Phenanthrene	17.152	178	9622	0.14	ng	99
26) Anthracene	17.250	178	2238	0.03	ng	# 90
28) Fluoranthene	19.176	202	21192	0.26	ng	99
30) Pyrene	19.538	202	19352	0.24	ng	# 95
32) Benzo(a)anthracene	21.279	228	9860	0.12	ng	96
33) Chrysene	21.279	228	8567	0.11	ng	95
34) Bis(2-ethylhexyl)phtha...	21.215	149	6080	0.16	ng	99
35) Indeno(1,2,3-cd)pyrene	25.790	276	4985	0.05	ng	# 95
37) Benzo(b)fluoranthene	22.863	252	11710	0.15	ng	# 82
38) Benzo(k)fluoranthene	22.863	252	11710	0.16	ng	# 83
39) Benzo(a)pyrene	23.439	252	7731	0.11	ng	# 86
41) Benzo(g,h,i)perylene	26.481	276	5548	0.07	ng	92

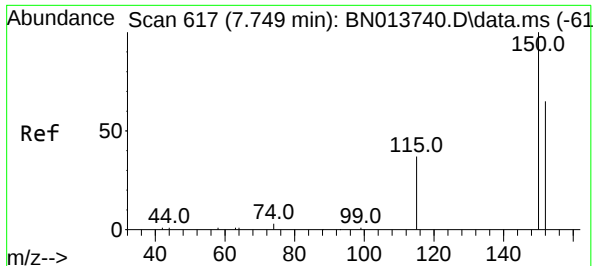
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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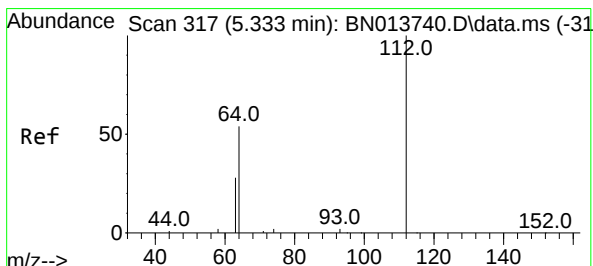
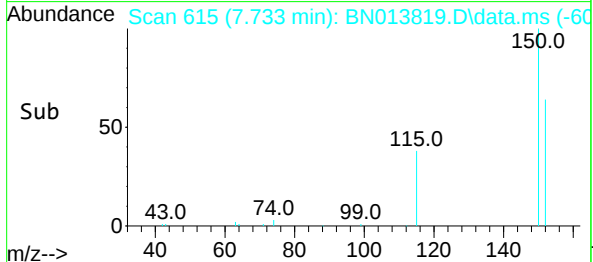
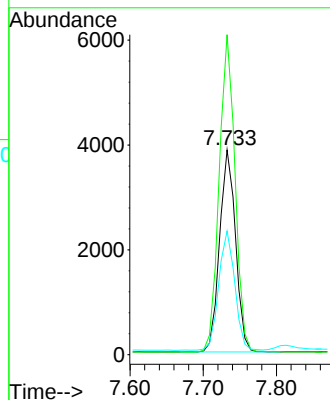
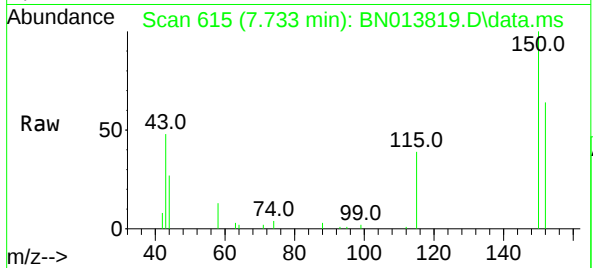




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.733 min Scan# 615
Delta R.T. -0.008 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

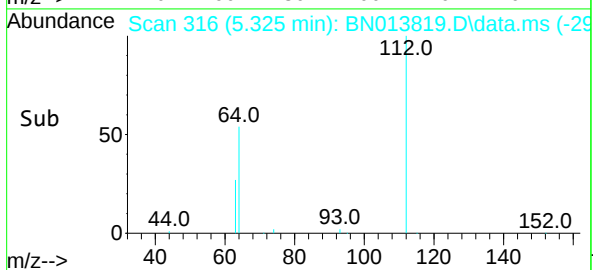
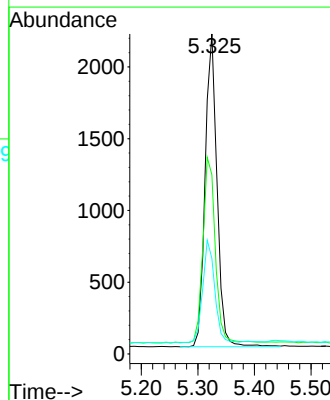
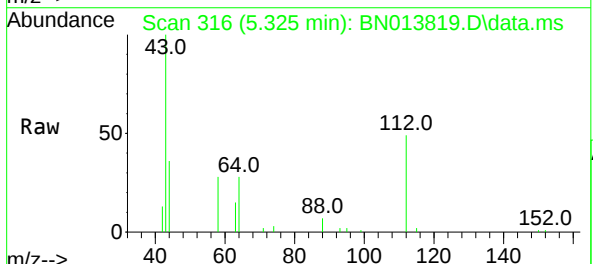
Instrument :
BNA_N
ClientSampleId :
TT-040-IDWSO-20210301

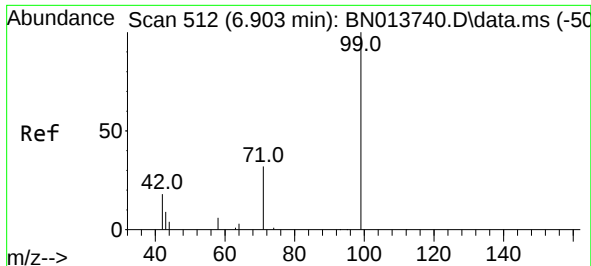
Tgt Ion:152 Resp: 5816
Ion Ratio Lower Upper
152 100
150 156.2 121.8 182.8
115 60.4 46.6 69.8



#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.325 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

Tgt Ion:112 Resp: 3179
Ion Ratio Lower Upper
112 100
64 62.0 44.3 66.5
63 33.2 23.0 34.6

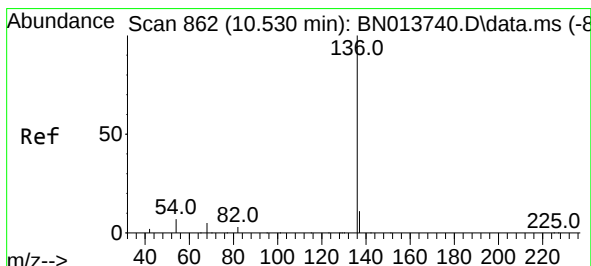
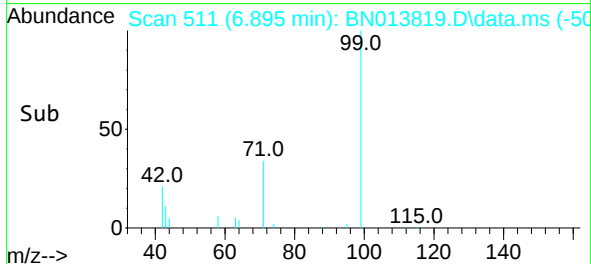
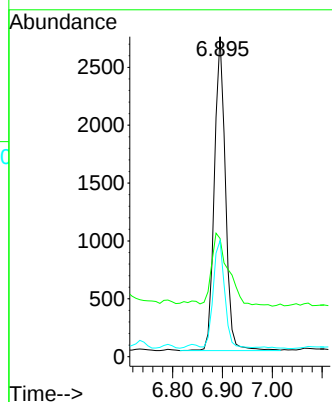
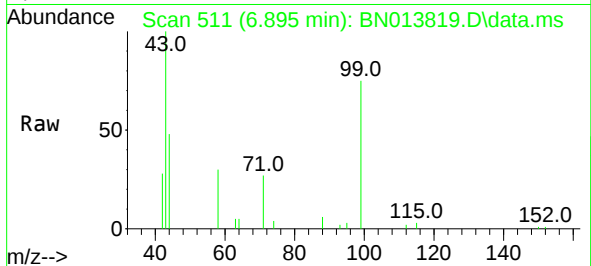




#5
Phenol-d6
Concen: 0.20 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

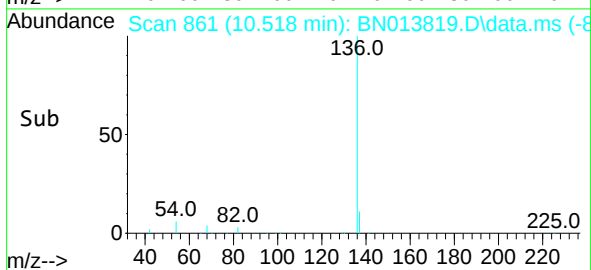
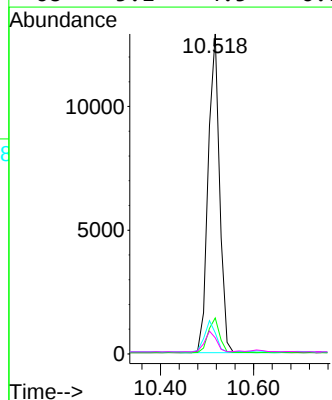
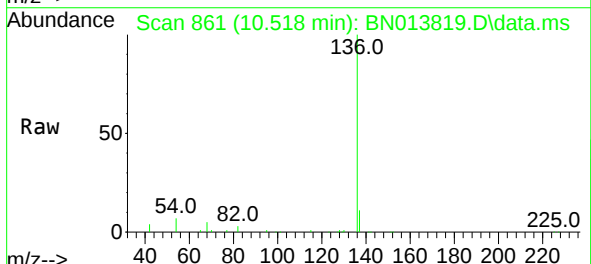
Instrument :
BNA_N
ClientSampleId :
TT-040-IDWSO-20210301

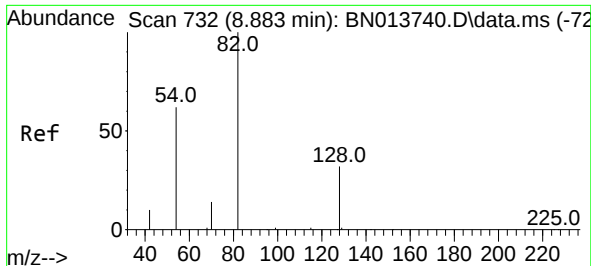
Tgt Ion: 99 Resp: 4183
Ion Ratio Lower Upper
99 100
42 35.6 15.2 22.8#
71 35.8 26.1 39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

Tgt Ion: 136 Resp: 22026
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 6.6 6.4 9.6
68 5.1 4.5 6.7

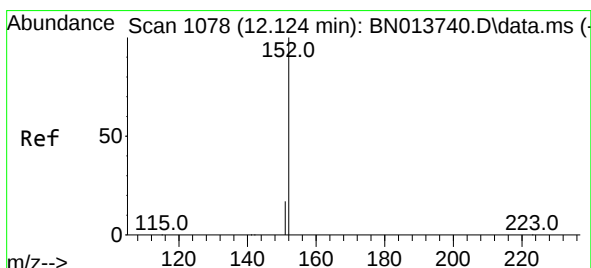
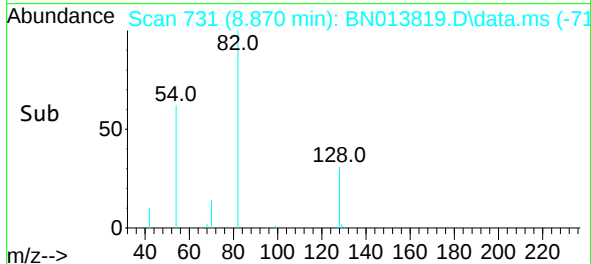
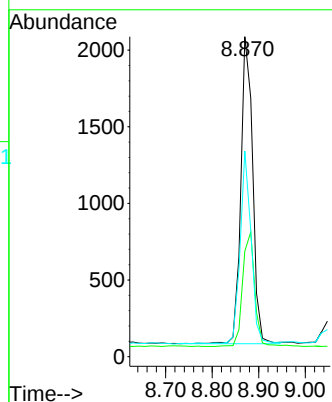
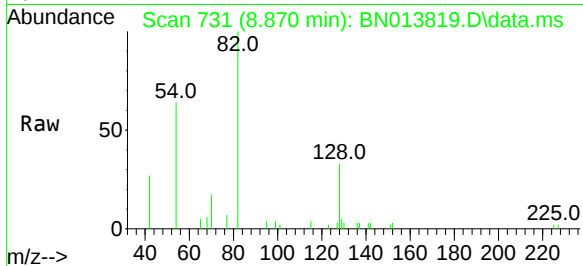




#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.013 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

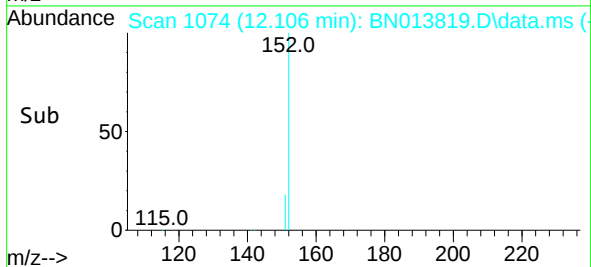
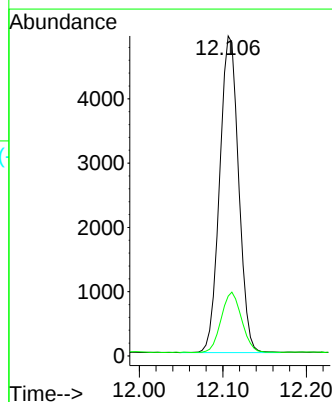
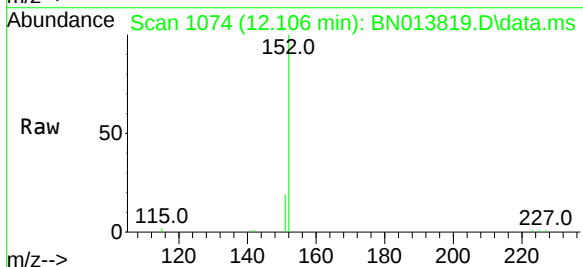
Instrument :
BNA_N
ClientSampleId :
TT-040-IDWSO-20210301

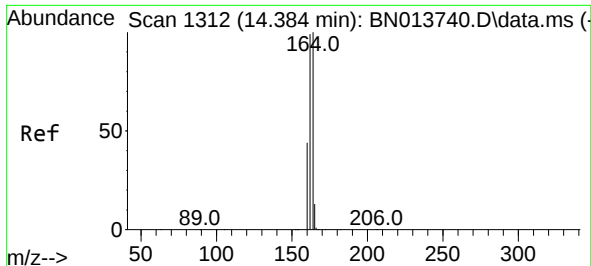
Tgt Ion: 82 Resp: 3539
Ion Ratio Lower Upper
82 100
128 33.0 39.2 58.8#
54 64.2 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 12.106 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

Tgt Ion: 152 Resp: 7767
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2

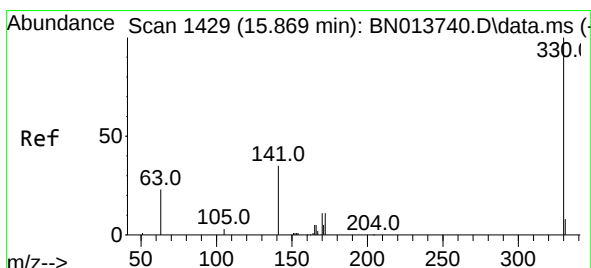
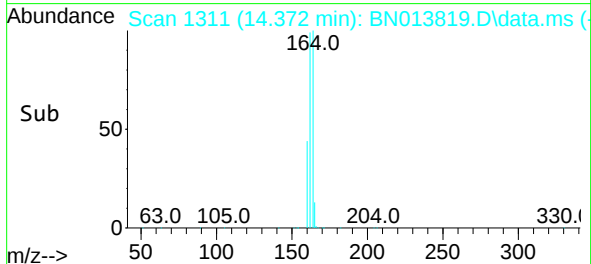
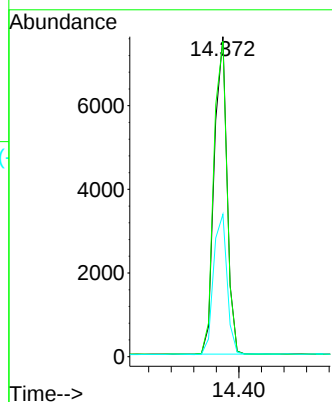
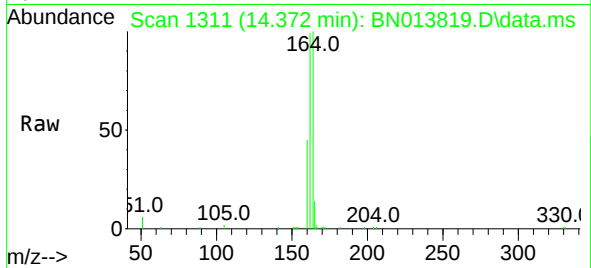




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

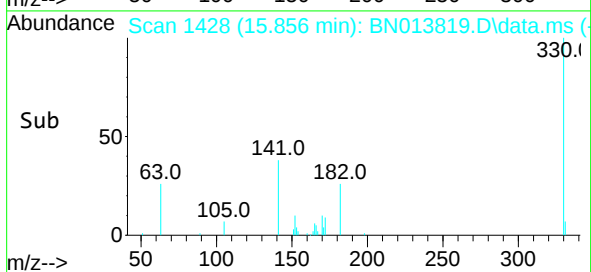
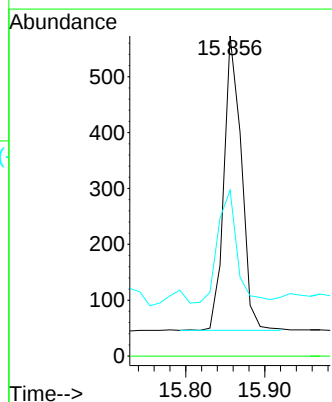
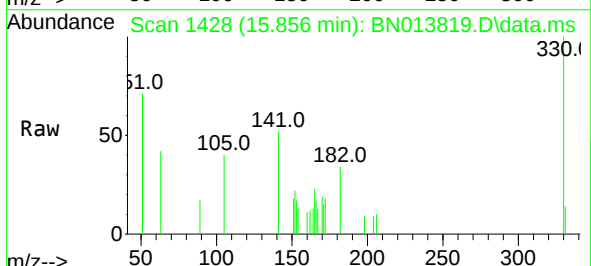
Instrument :
BNA_N
ClientSampleId :
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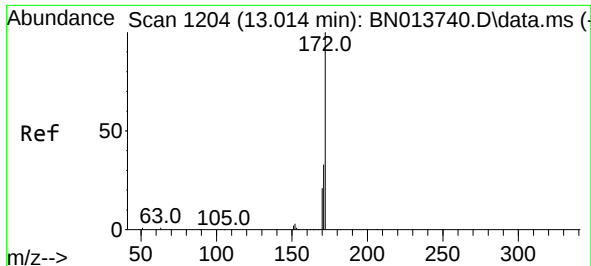
Tgt Ion:164 Resp: 11886
Ion Ratio Lower Upper
164 100
162 98.6 79.6 119.4
160 44.5 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.17 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

Tgt Ion:330 Resp: 809
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.3 26.8 40.2#

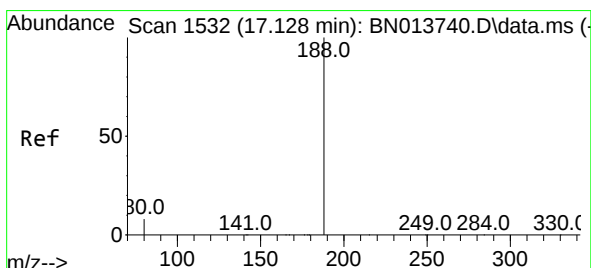
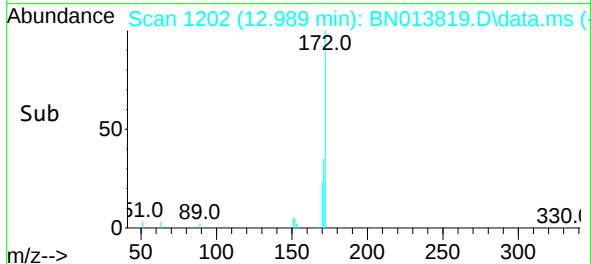
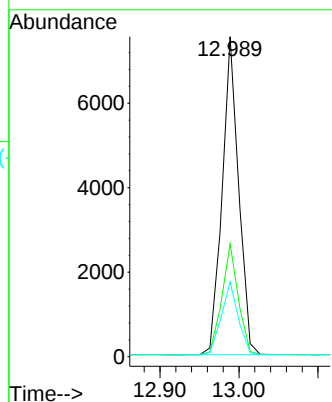
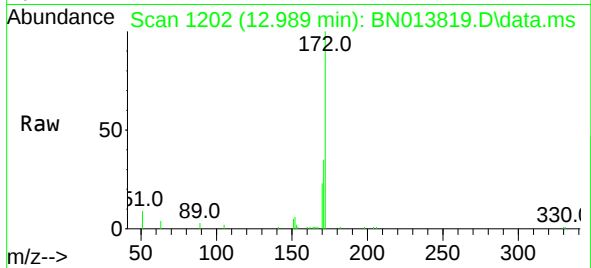




#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.013 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

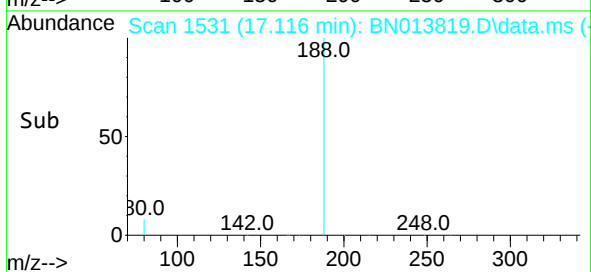
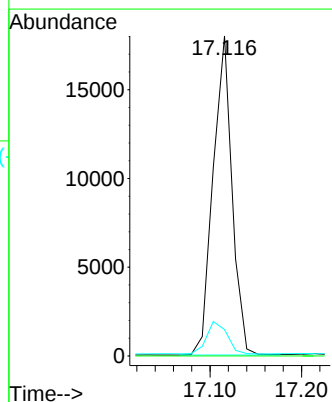
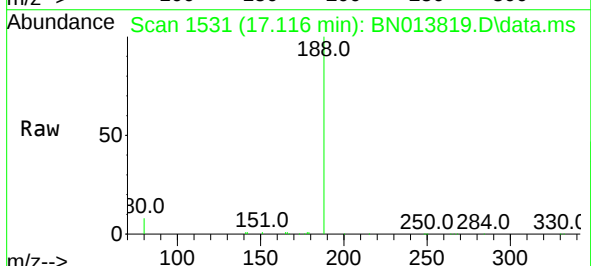
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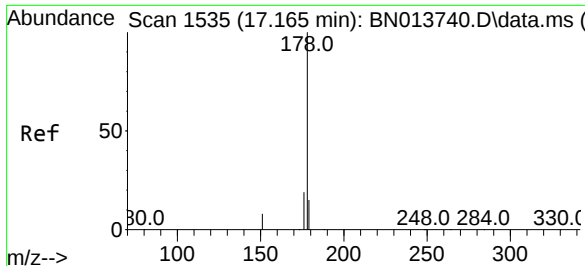
Tgt Ion:172	Resp:	10903
Ion Ratio	Lower	Upper
172	100	
171	35.3	28.6 42.8
170	23.4	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

Tgt Ion:188	Resp:	25912
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	8.2	9.0 13.6#

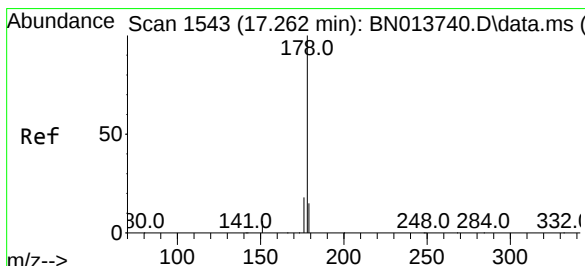
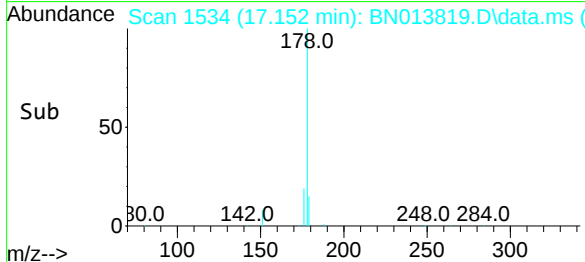
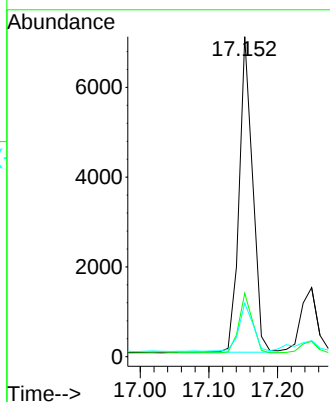
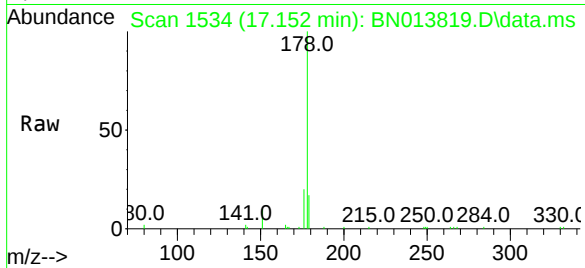




#25
Phenanthrene
Concen: 0.14 ng
RT: 17.152 min Scan# 1534
Delta R.T. -0.012 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

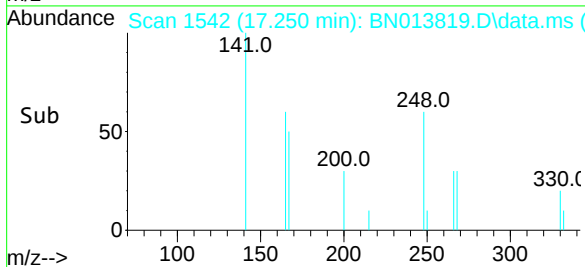
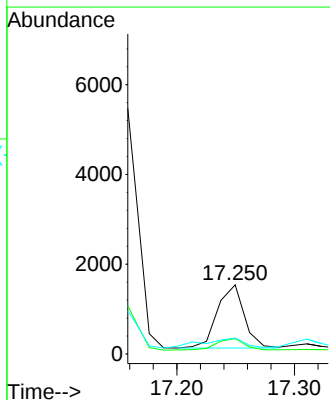
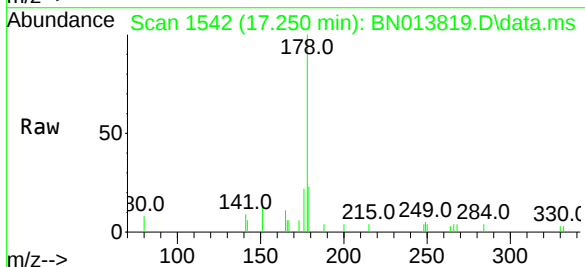
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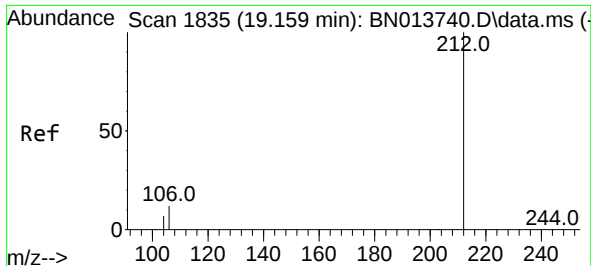
Tgt Ion:178 Resp: 9622
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 16.4 12.3 18.5



#26
Anthracene
Concen: 0.03 ng
RT: 17.250 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

Tgt Ion:178 Resp: 2238
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 24.5 12.2 18.2#

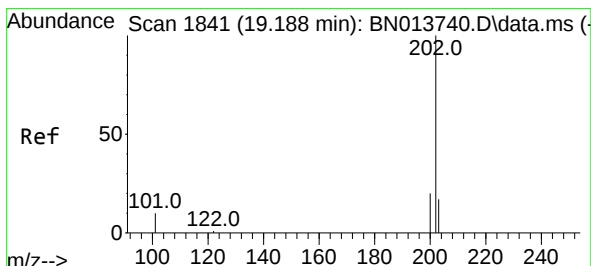
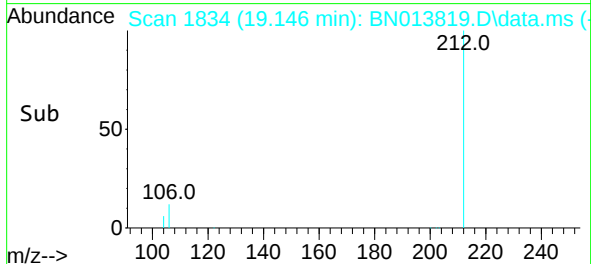
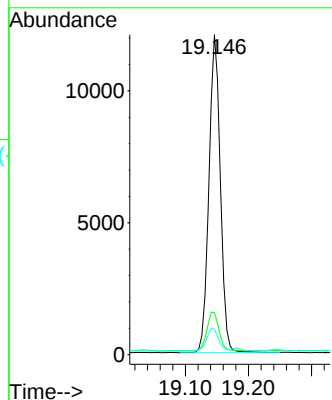
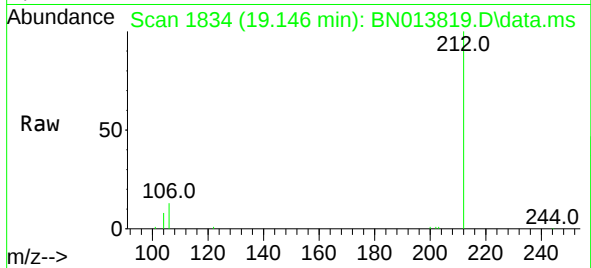




#27
Fluoranthene-d10
Concen: 0.20 ng
RT: 19.146 min Scan# 1834
Delta R.T. -0.010 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

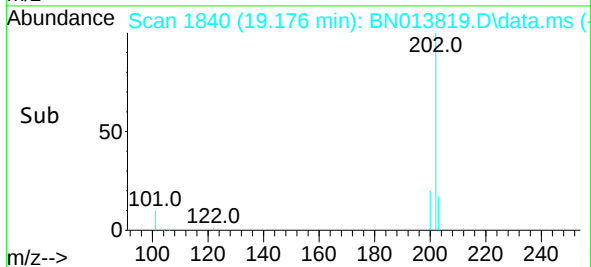
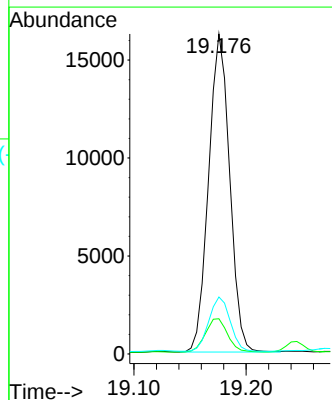
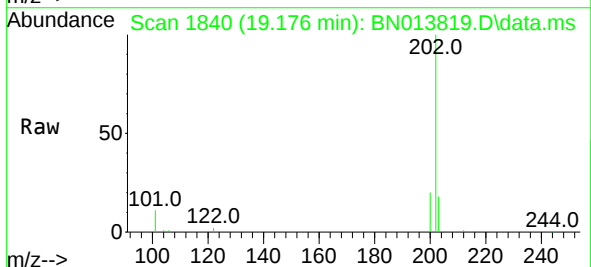
Instrument :
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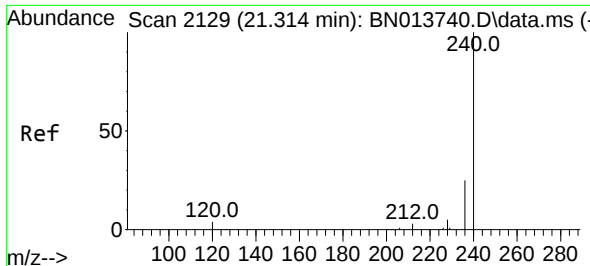
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Ion Ratio Lower Upper
212 100
106 12.7 9.7 14.5
104 7.7 5.5 8.3



#28
Fluoranthene
Concen: 0.26 ng
RT: 19.176 min Scan# 1840
Delta R.T. -0.010 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

Tgt Ion:202 Resp: 21192
Ion Ratio Lower Upper
202 100
101 11.1 8.1 12.1
203 17.3 13.9 20.9

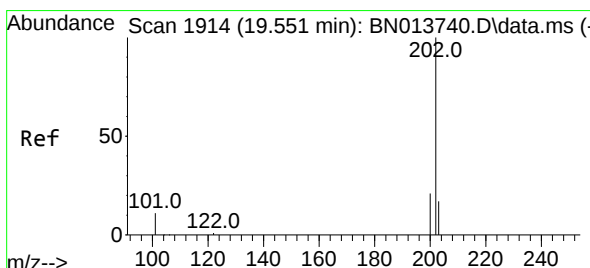
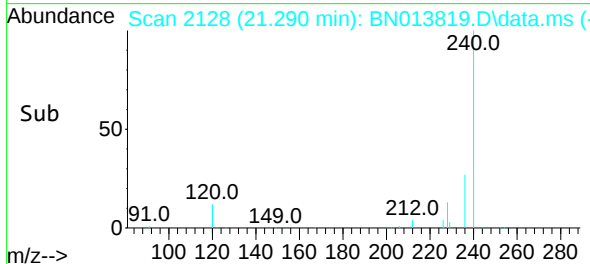
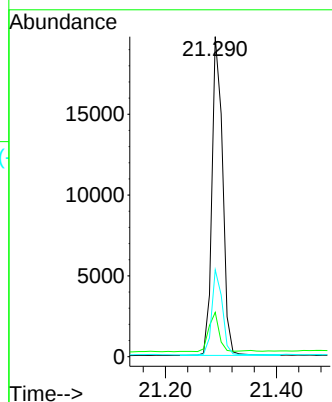
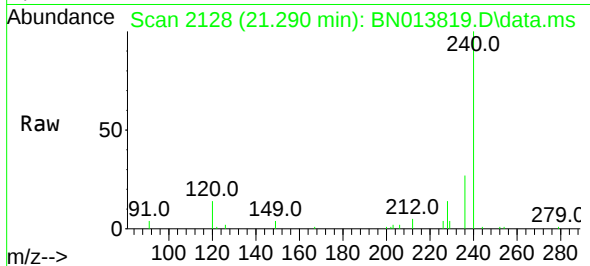




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.290 min Scan# 2128
Delta R.T. -0.011 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

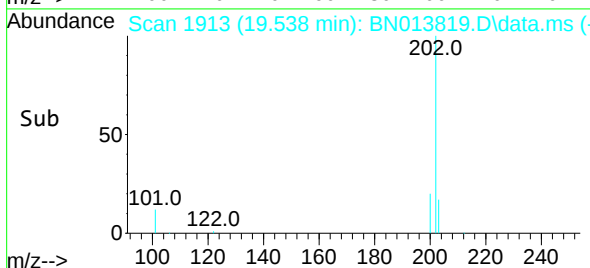
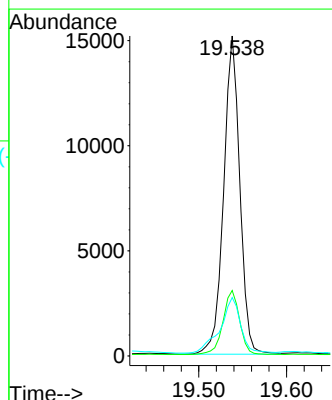
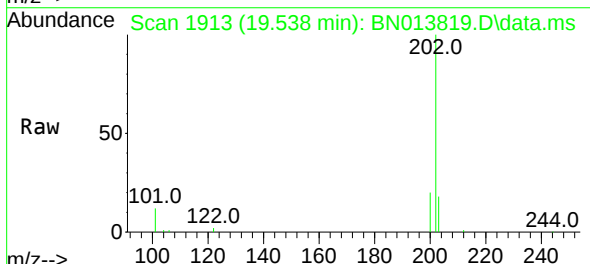
Instrument :
BNA_N
ClientSampleId :
TT-040-IDWSO-20210301

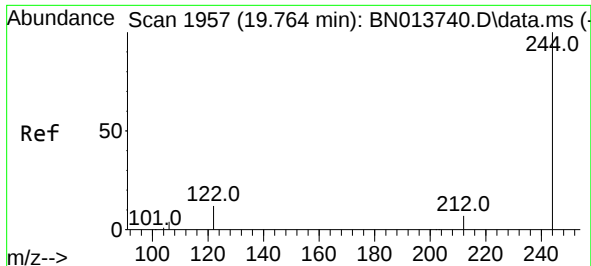
Tgt Ion:240 Resp: 26493
Ion Ratio Lower Upper
240 100
120 13.8 10.2 15.4
236 27.1 21.3 31.9



#30
Pyrene
Concen: 0.24 ng
RT: 19.538 min Scan# 1913
Delta R.T. -0.010 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

Tgt Ion:202 Resp: 19352
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 22.1 14.0 21.0#

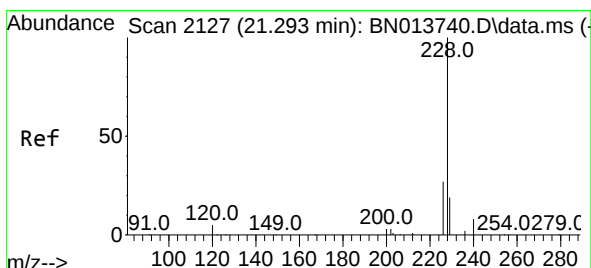
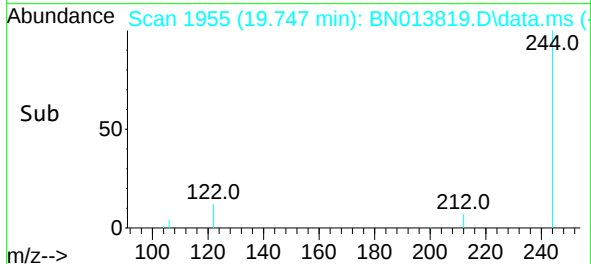
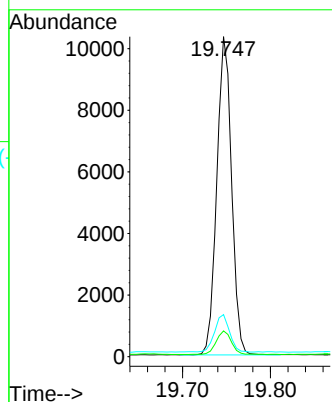
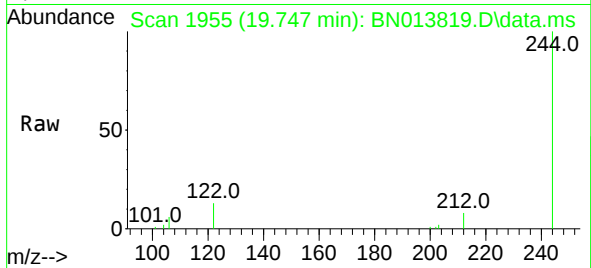




#31
Terphenyl-d14
Concen: 0.21 ng
RT: 19.747 min Scan# 1955
Delta R.T. -0.015 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

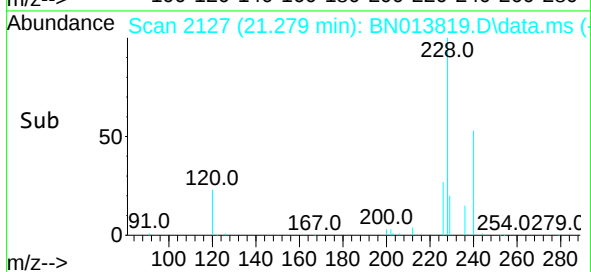
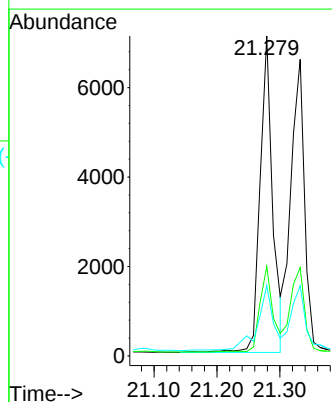
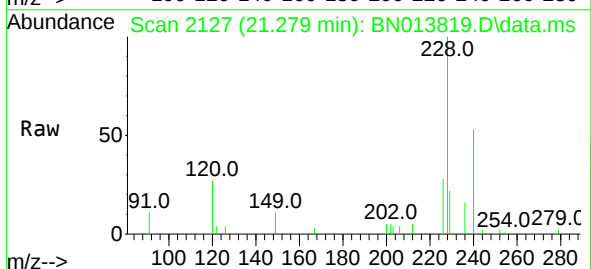
Instrument :
BNA_N
ClientSampleId :
TT-040-IDWSO-20210301

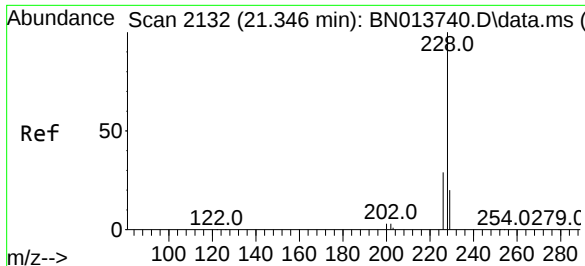
Tgt Ion:244 Resp: 12053
Ion Ratio Lower Upper
244 100
212 8.0 6.1 9.1
122 13.1 9.8 14.8



#32
Benzo(a)anthracene
Concen: 0.12 ng
RT: 21.279 min Scan# 2127
Delta R.T. -0.011 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

Tgt Ion:228 Resp: 9860
Ion Ratio Lower Upper
228 100
226 28.0 20.5 30.7
229 22.0 16.2 24.4

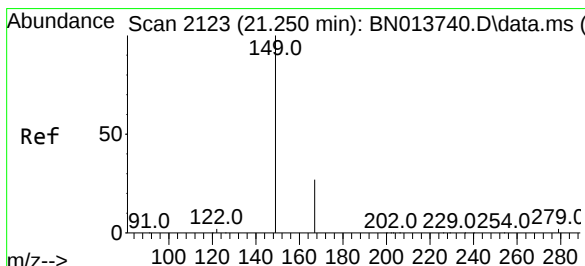
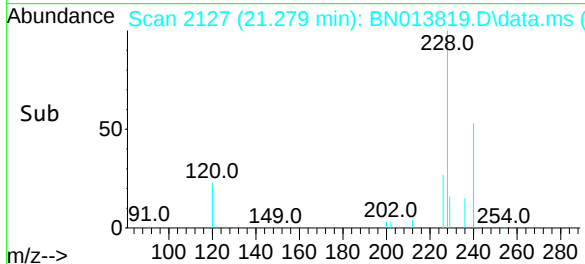
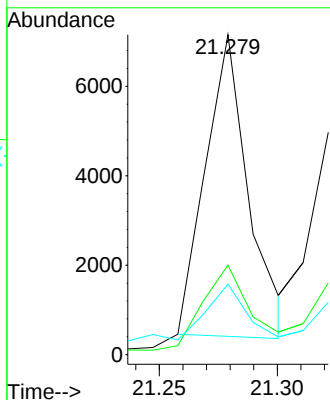
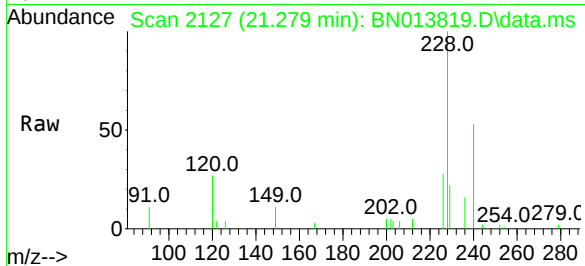




#33
Chrysene
Concen: 0.11 ng
RT: 21.279 min Scan# 2127
Delta R.T. -0.064 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

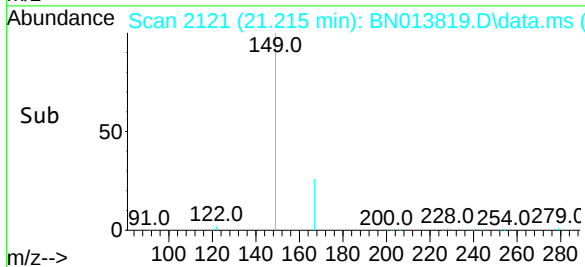
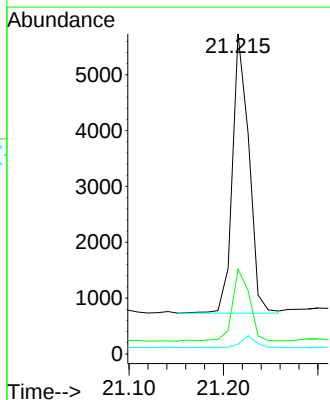
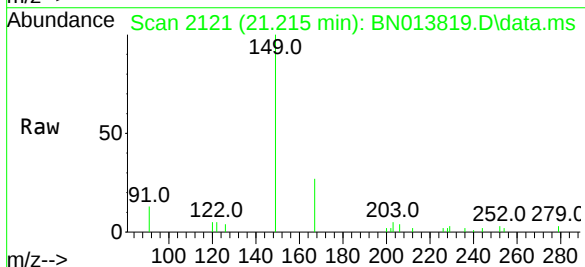
Instrument :
BNA_N
ClientSampleId :
TT-040-IDWSO-20210301

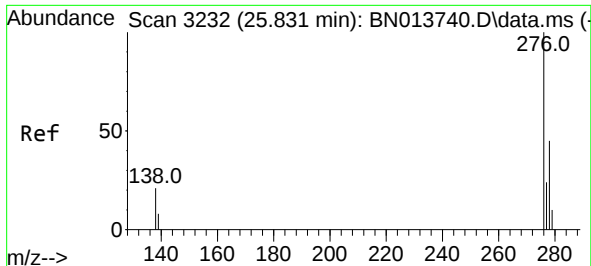
Tgt Ion:228 Resp: 8567
Ion Ratio Lower Upper
228 100
226 28.0 24.3 36.5
229 22.0 15.1 22.7



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 21.215 min Scan# 2121
Delta R.T. -0.021 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

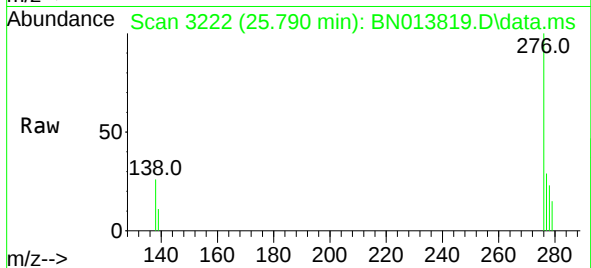
Tgt Ion:149 Resp: 6080
Ion Ratio Lower Upper
149 100
167 27.1 22.1 33.1
279 4.1 3.5 5.3



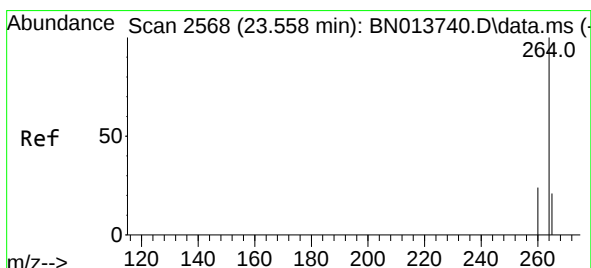
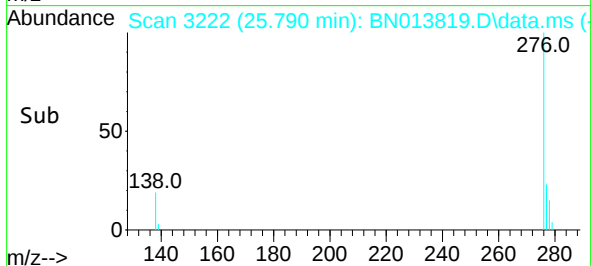
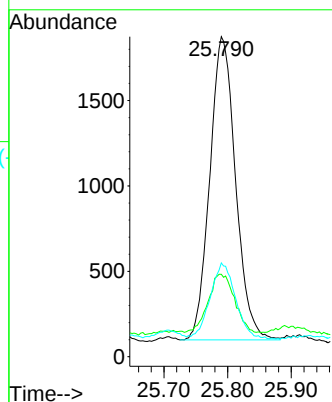


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 25.790 min Scan# 3222
Delta R.T. -0.027 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

Instrument :
BNA_N
ClientSampleId :
TT-040-IDWSO-20210301

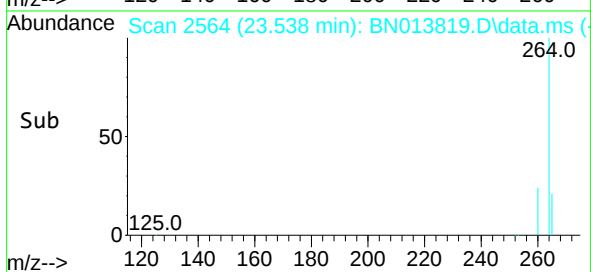
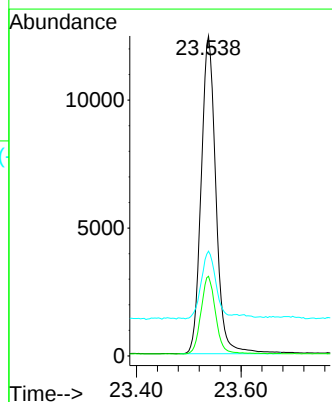
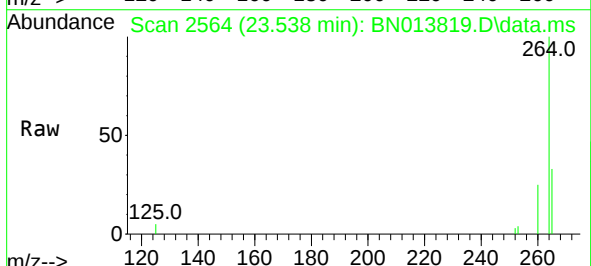


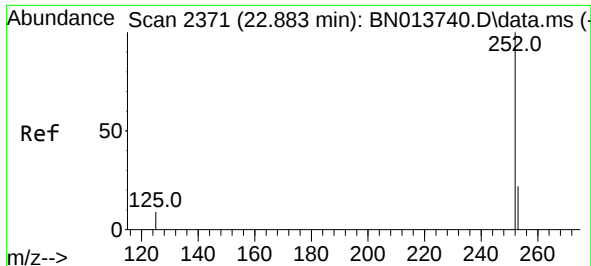
Tgt Ion:276 Resp: 4985
Ion Ratio Lower Upper
276 100
138 19.5 19.8 29.6#
277 24.6 19.9 29.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.538 min Scan# 2564
Delta R.T. -0.014 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

Tgt Ion:264 Resp: 24352
Ion Ratio Lower Upper
264 100
260 24.9 19.3 28.9
265 32.8 66.2 99.4#

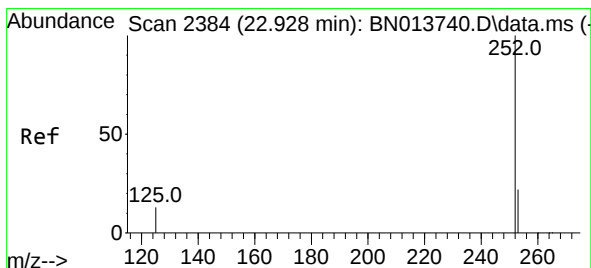
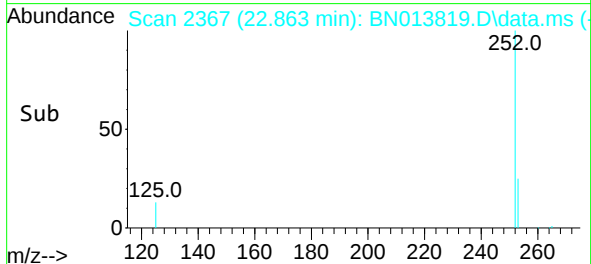
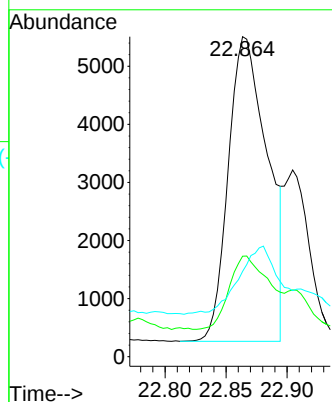
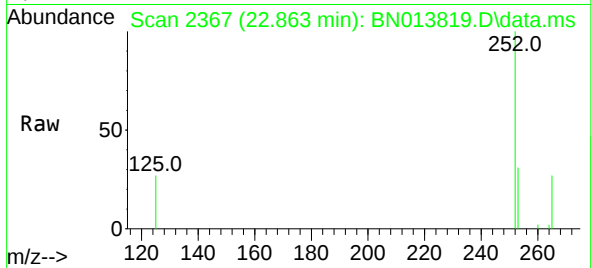




#37
Benzo(b)fluoranthene
Concen: 0.15 ng
RT: 22.863 min Scan# 2367
Delta R.T. -0.014 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

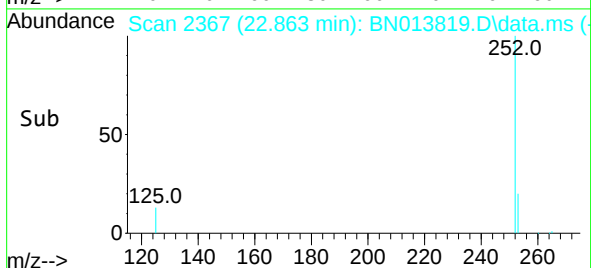
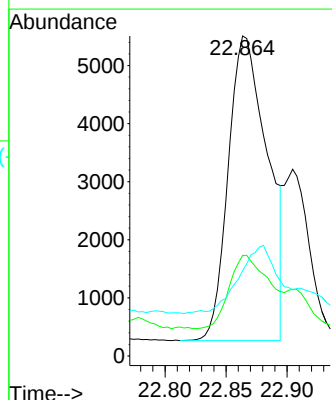
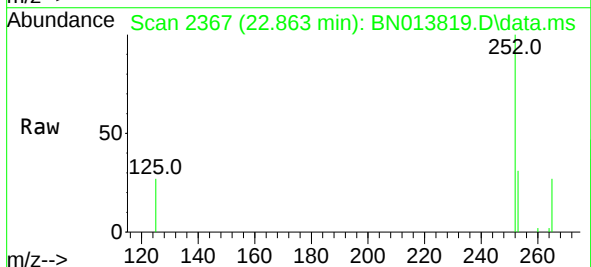
Instrument :
BNA_N
ClientSampleId :
TT-040-IDWSO-20210301

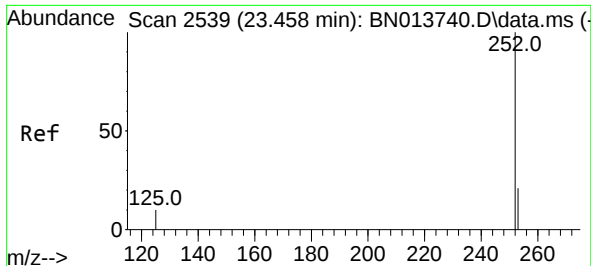
Tgt Ion:252 Resp: 11710
Ion Ratio Lower Upper
252 100
253 31.4 20.4 30.6#
125 26.7 11.6 17.4#



#38
Benzo(k)fluoranthene
Concen: 0.16 ng
RT: 22.863 min Scan# 2367
Delta R.T. -0.058 min
Lab File: BN013819.D
Acq: 03 Mar 2021 14:40

Tgt Ion:252 Resp: 11710
Ion Ratio Lower Upper
252 100
253 31.4 20.5 30.7#
125 26.7 12.3 18.5#





#39

Benzo(a)pyrene

Concen: 0.11 ng

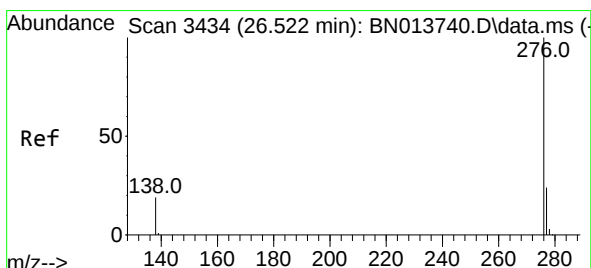
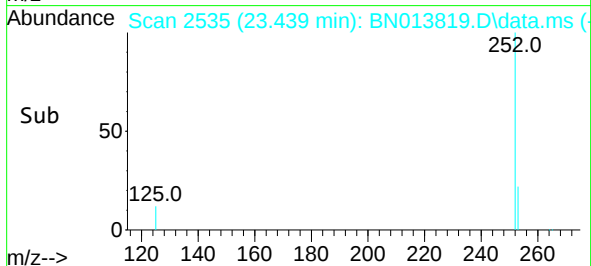
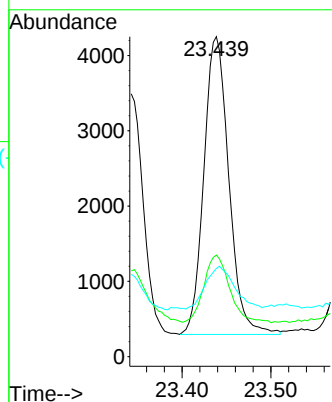
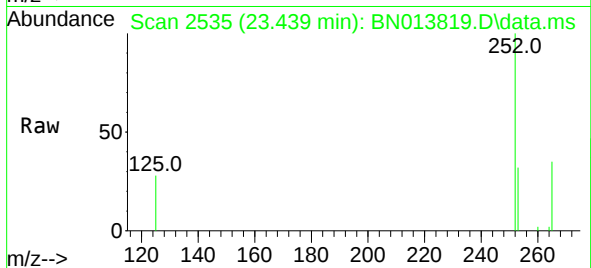
RT: 23.439 min Scan# 2535

Delta R.T. -0.017 min

Lab File: BN013819.D

Acq: 03 Mar 2021 14:40

Tgt Ion:	252	Resp:	7731
Ion Ratio	Lower	Upper	
252	100		
253	31.8	21.8	32.6
125	27.5	14.6	21.8#



#41

Benzo(g,h,i)perylene

Concen: 0.07 ng

RT: 26.481 min Scan# 3424

Delta R.T. -0.027 min

Lab File: BN013819.D

Acq: 03 Mar 2021 14:40

Tgt Ion:	276	Resp:	5548
Ion Ratio	Lower	Upper	
276	100		
277	28.3	20.0	30.0
138	26.7	17.8	26.8

