

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033121\
 Data File : BN014158.D
 Acq On : 01 Apr 2021 02:04
 Operator : CG/JU
 Sample : M1842-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20210323

Quant Time: Apr 01 02:36:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 12:15:38 2021
 Response via : Initial Calibration

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

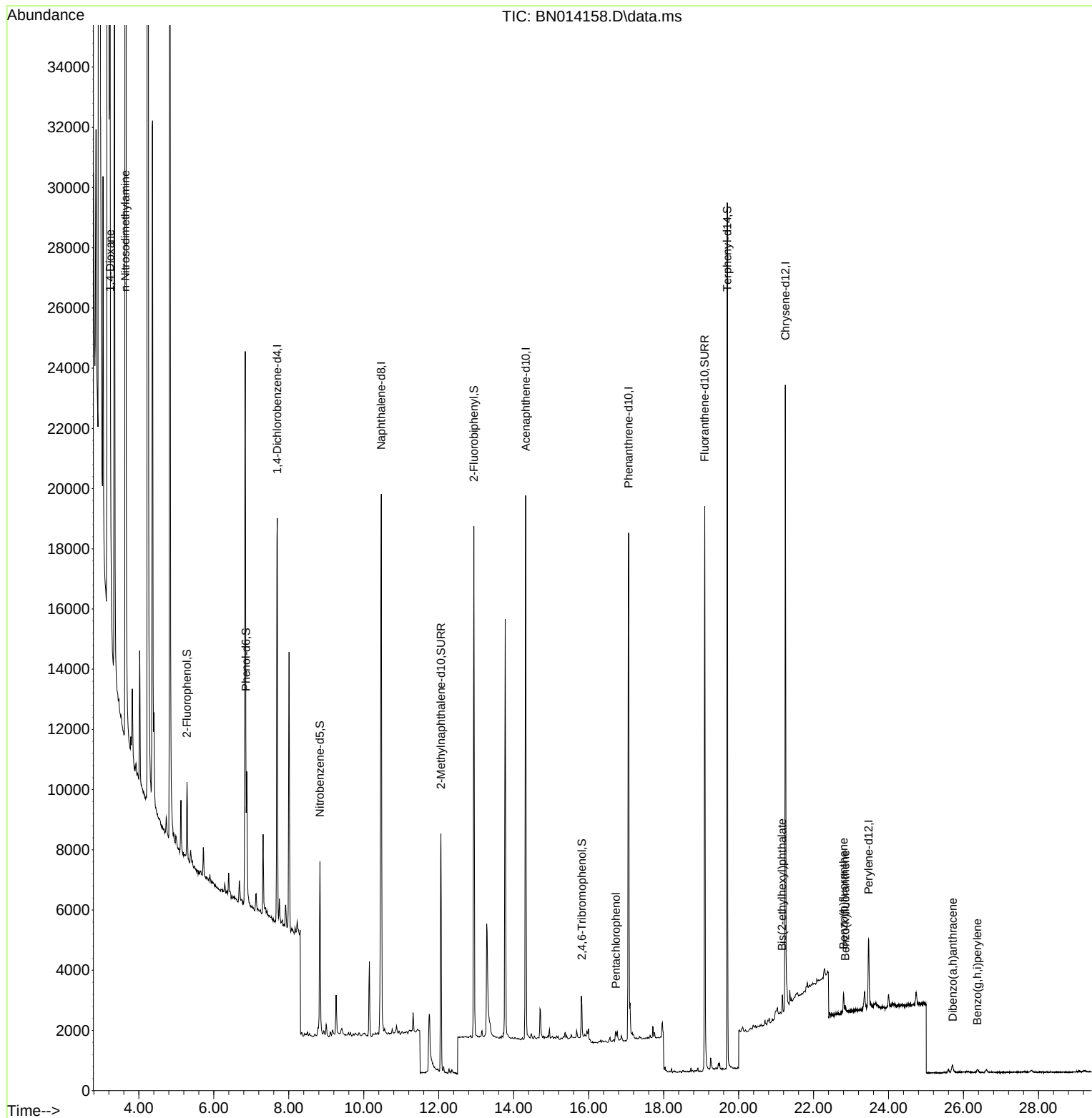
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	6520	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	24239	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	10121	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	24858	0.40	ng	0.00
29) Chrysene-d12	21.247	240	19159	0.40	ng	0.00
36) Perylene-d12	23.466	264	3102	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	1875	0.11	ng	0.00
5) Phenol-d6	6.855	99	1413	0.07	ng	0.00
8) Nitrobenzene-d5	8.832	82	4684	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	10440	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1103	0.34	ng	0.01
15) 2-Fluorobiphenyl	12.938	172	14346	0.38	ng	0.00
27) Fluoranthene-d10	19.096	212	21365	0.33	ng	0.00
31) Terphenyl-d14	19.697	244	28114	0.64	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.231	88	18221	2.17	ng	# 95
3) n-Nitrosodimethylamine	3.641	42	3721	0.58	ng	# 1
24) Pentachlorophenol	16.726	266	291	0.07	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.162	149	683	0.04	ng	# 97
37) Benzo(b)fluoranthene	22.802	252	476	0.04	ng	# 1
38) Benzo(k)fluoranthene	22.843	252	248	0.02	ng	# 1
40) Dibenzo(a,h)anthracene	25.711	278	290	0.03	ng	# 1
41) Benzo(g,h,i)perylene	26.369	276	249	0.02	ng	# 1

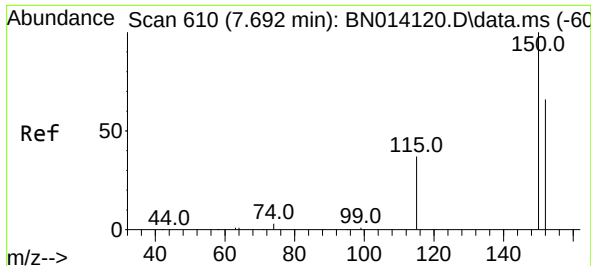
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 31 12:15:38 2021
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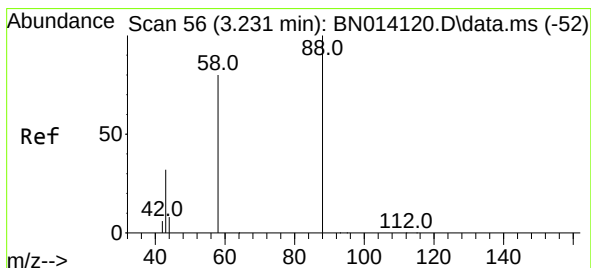
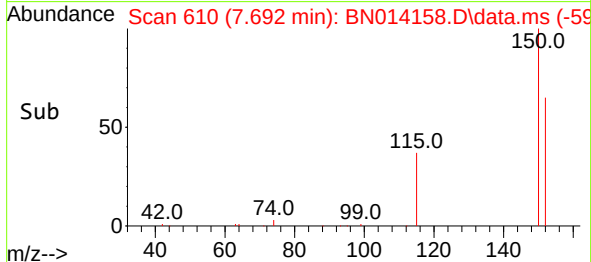
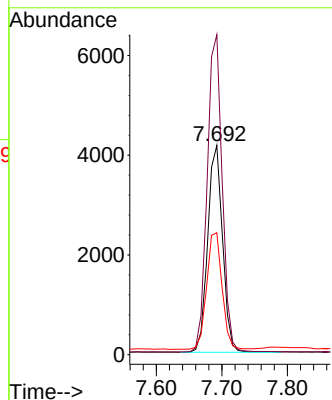
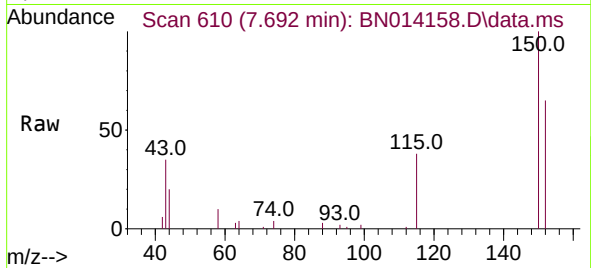




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. 0.008 min
 Lab File: BN014158.D
 Acq: 01 Apr 2021 02:04

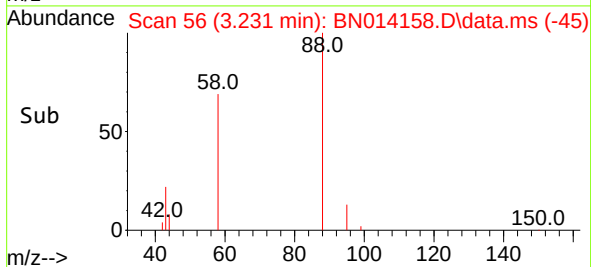
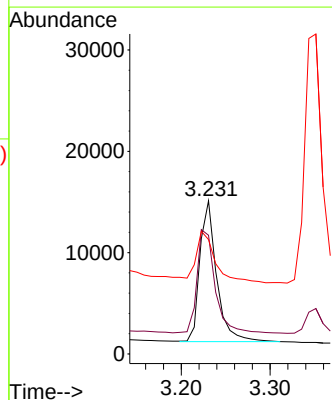
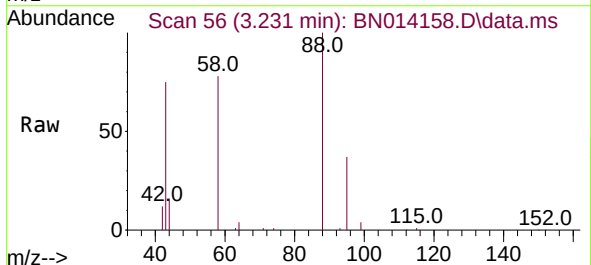
Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20210323

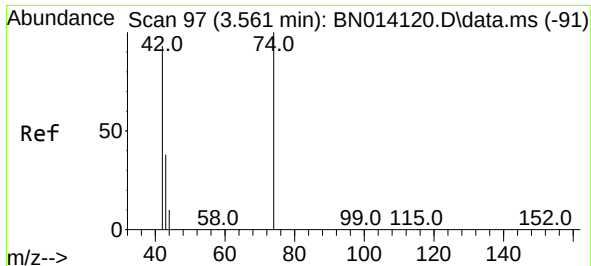
Tgt Ion:152 Resp: 6520
 Ion Ratio Lower Upper
 152 100
 150 153.0 121.2 181.8
 115 58.3 46.2 69.2



#2
 1,4-Dioxane
 Concen: 2.17 ng
 RT: 3.231 min Scan# 56
 Delta R.T. -0.008 min
 Lab File: BN014158.D
 Acq: 01 Apr 2021 02:04

Tgt Ion: 88 Resp: 18221
 Ion Ratio Lower Upper
 88 100
 58 78.8 63.1 94.7
 43 42.0 26.2 39.2#

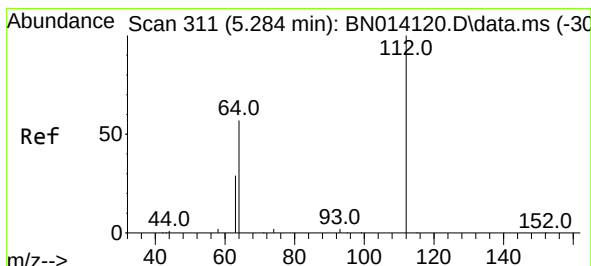
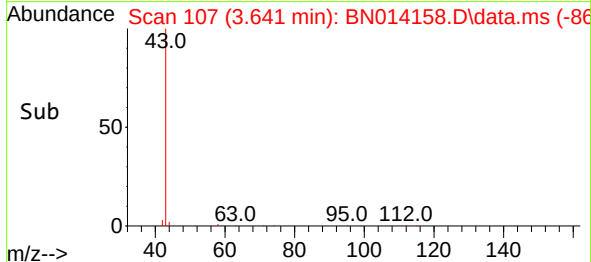
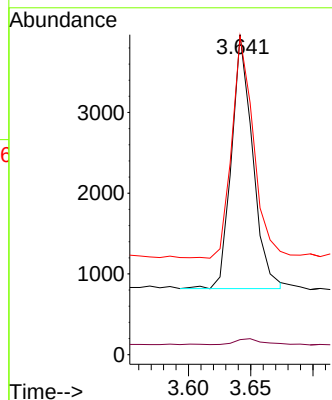
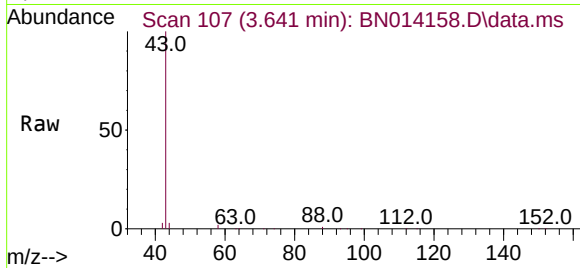




#3
n-Nitrosodimethylamine
Concen: 0.58 ng
RT: 3.641 min Scan# 107
Delta R.T. 0.072 min
Lab File: BN014158.D
Acq: 01 Apr 2021 02:04

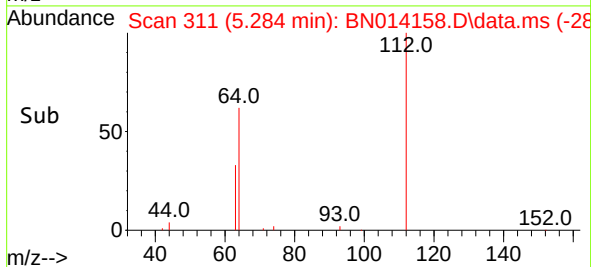
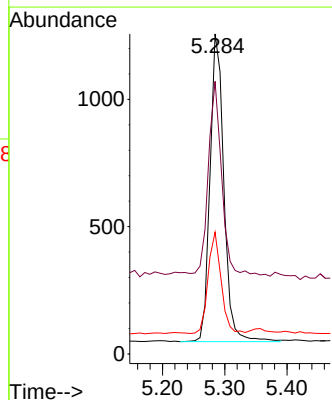
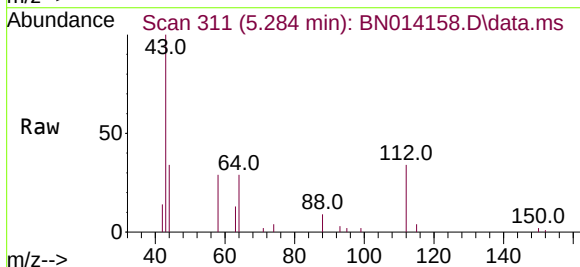
Instrument :
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ClientSampleId :
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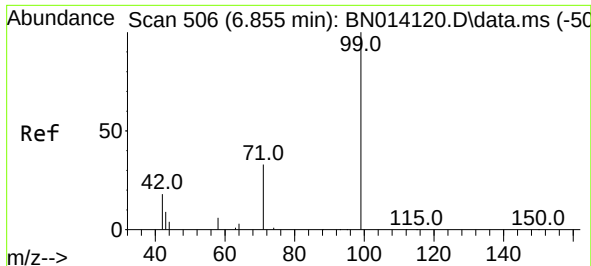
Tgt Ion: 42 Resp: 3721
Ion Ratio Lower Upper
42 100
74 2.8 94.6 141.8#
44 89.0 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN014158.D
Acq: 01 Apr 2021 02:04

Tgt Ion: 112 Resp: 1875
Ion Ratio Lower Upper
112 100
64 63.0 48.3 72.5
63 30.9 25.4 38.0

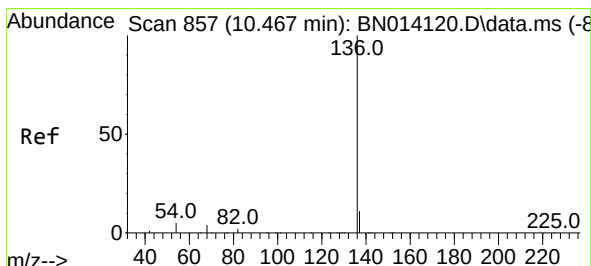
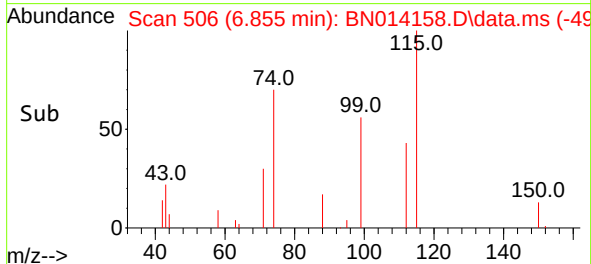
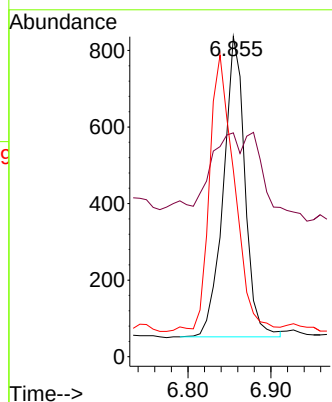
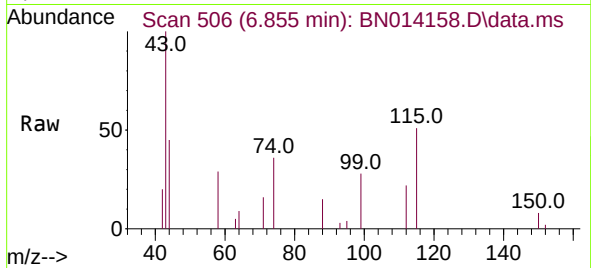




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.855 min Scan# 506
Delta R.T. -0.000 min
Lab File: BN014158.D
Acq: 01 Apr 2021 02:04

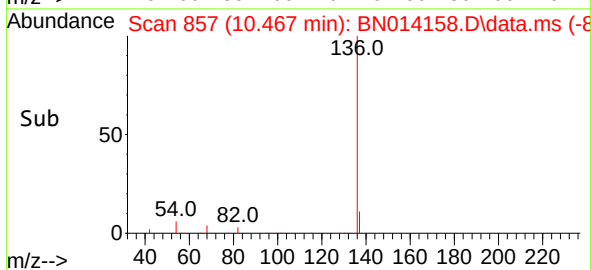
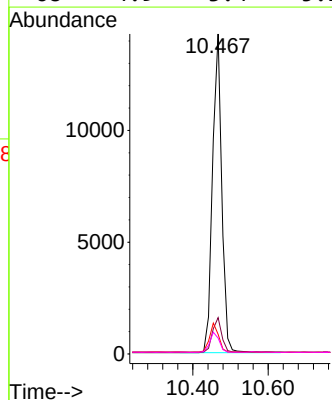
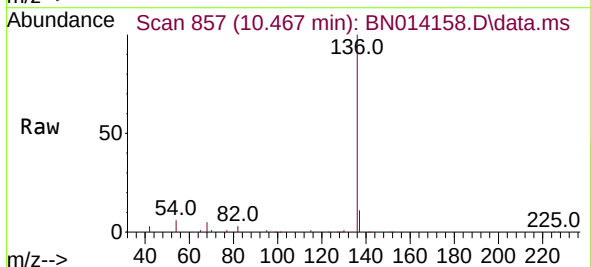
Instrument :
BNA_N
ClientSampleId :
TT180D1-20210323

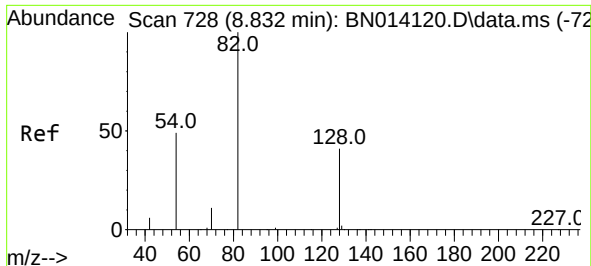
Tgt Ion: 99 Resp: 1413
Ion Ratio Lower Upper
99 100
42 31.4 18.2 27.4#
71 105.3 26.7 40.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014158.D
Acq: 01 Apr 2021 02:04

Tgt Ion: 136 Resp: 24239
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 6.1 4.3 6.5
68 4.9 3.4 5.2

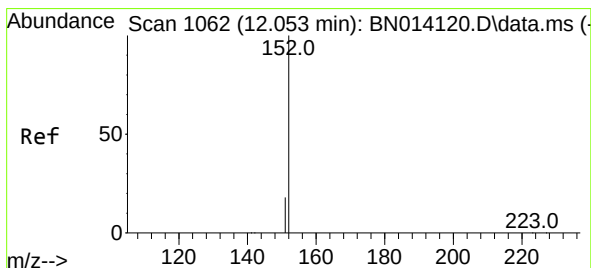
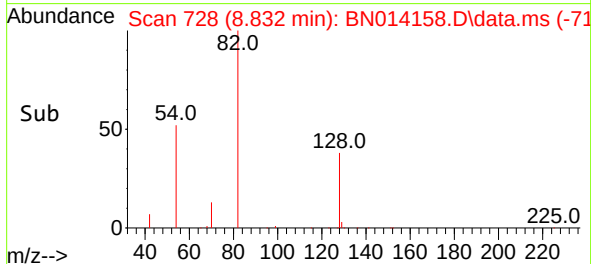
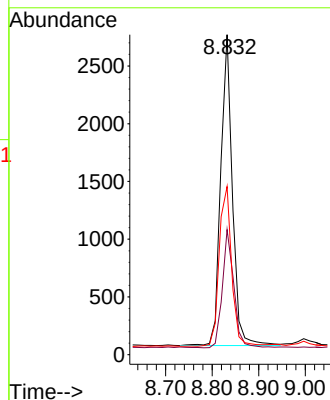
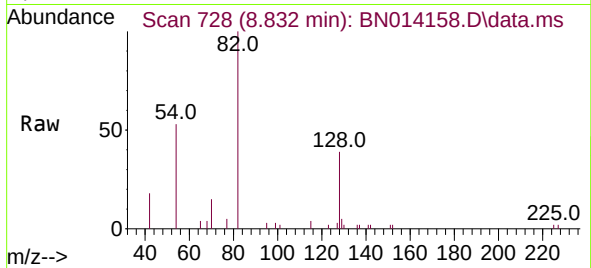




#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014158.D
Acq: 01 Apr 2021 02:04

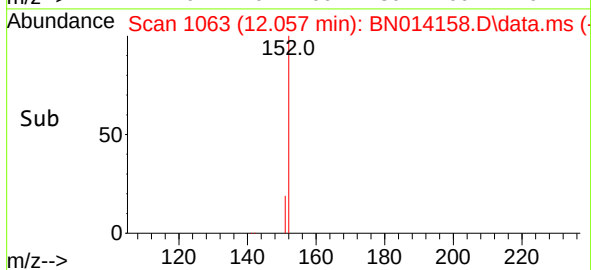
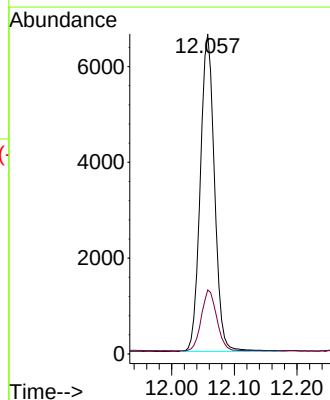
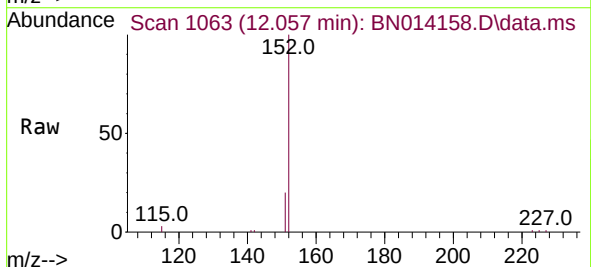
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BNA_N
ClientSampleId :
TT180D1-20210323

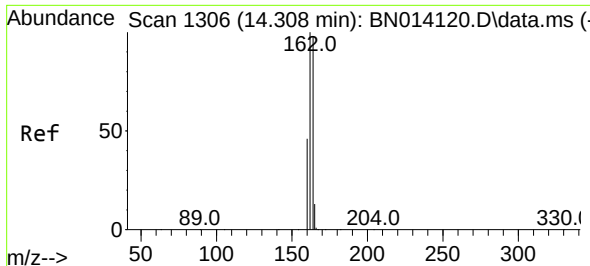
Tgt Ion: 82 Resp: 4684
Ion Ratio Lower Upper
82 100
128 39.1 33.5 50.3
54 52.5 40.3 60.5



#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.057 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014158.D
Acq: 01 Apr 2021 02:04

Tgt Ion: 152 Resp: 10440
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1

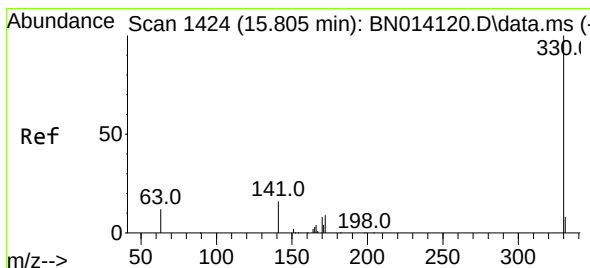
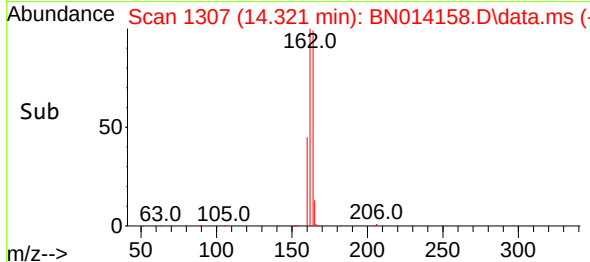
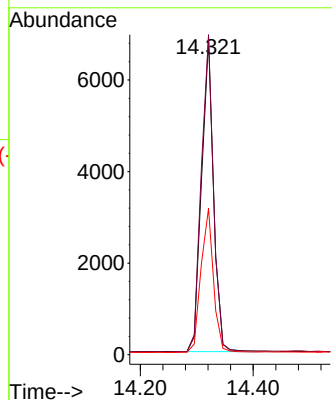
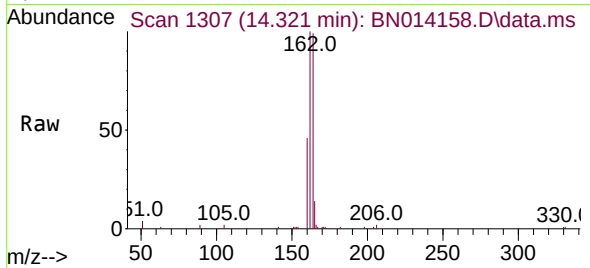




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014158.D
Acq: 01 Apr 2021 02:04

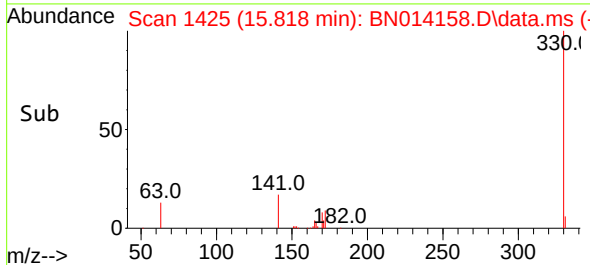
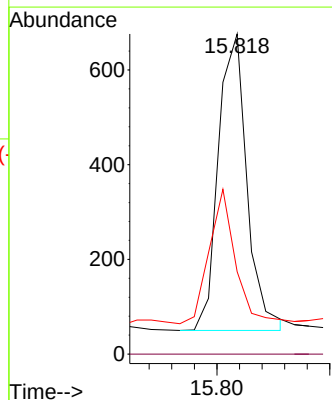
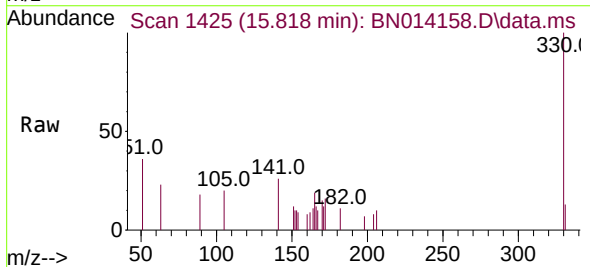
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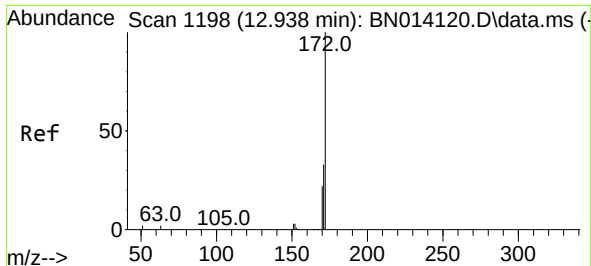
Tgt Ion:164 Resp: 10121
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.2
160 46.3 37.5 56.3



#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.013 min
Lab File: BN014158.D
Acq: 01 Apr 2021 02:04

Tgt Ion:330 Resp: 1103
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.6 31.2 46.8

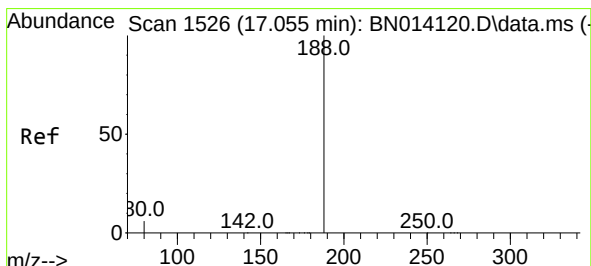
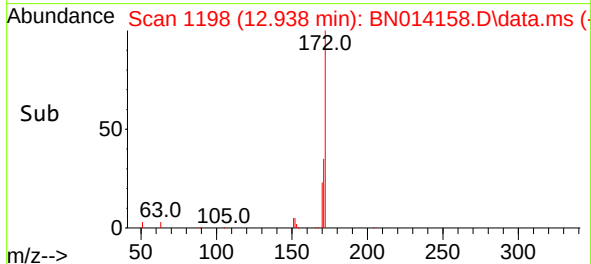
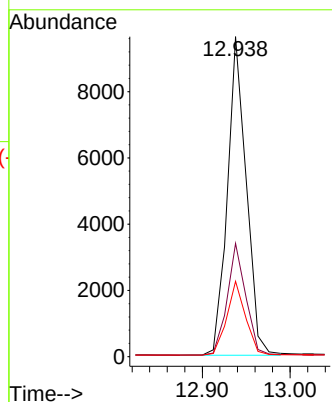
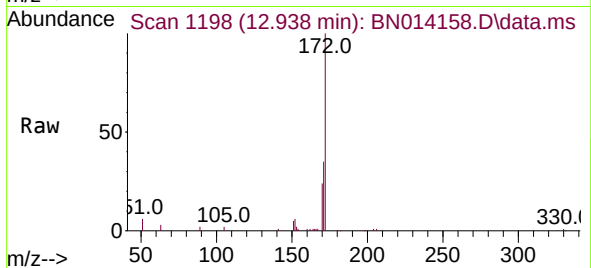




#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014158.D
Acq: 01 Apr 2021 02:04

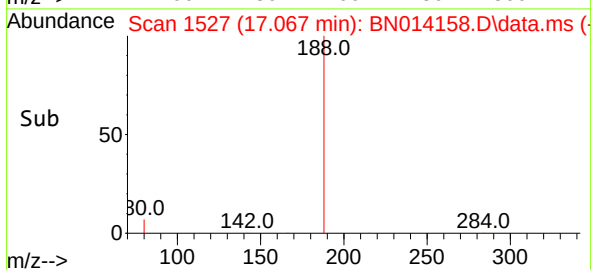
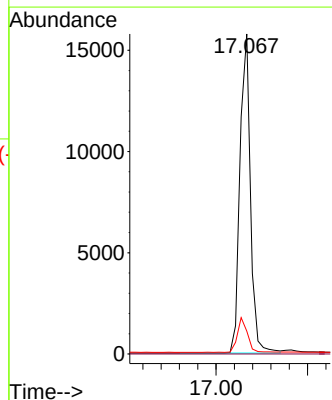
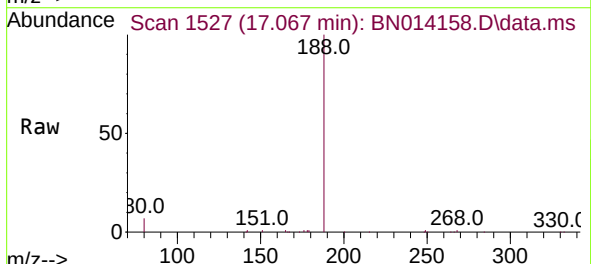
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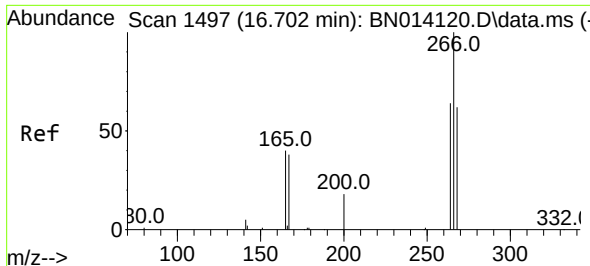
Tgt Ion:172	Resp:	14346
Ion Ratio	Lower	Upper
172	100	
171	35.4	26.9 40.3
170	23.6	17.8 26.8



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014158.D
Acq: 01 Apr 2021 02:04

Tgt Ion:188	Resp:	24858
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	7.2	5.2 7.8

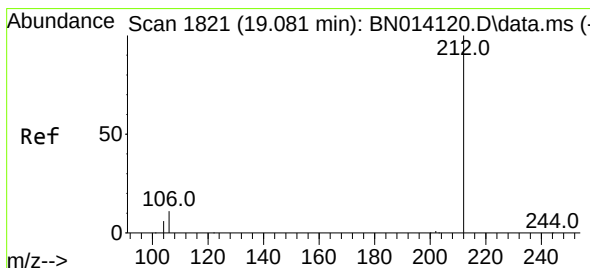
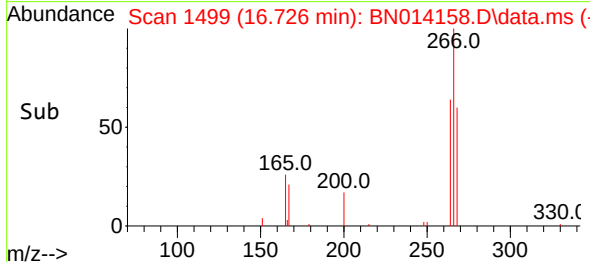
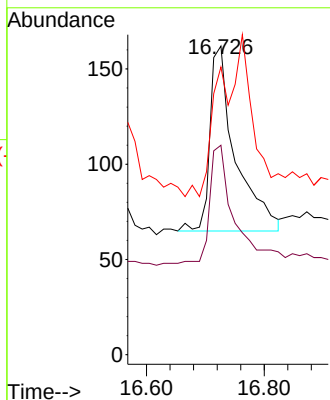
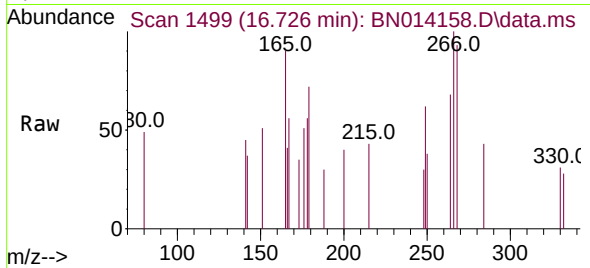




#24
Pentachlorophenol
Concen: 0.07 ng
RT: 16.726 min Scan# 1499
Delta R.T. 0.012 min
Lab File: BN014158.D
Acq: 01 Apr 2021 02:04

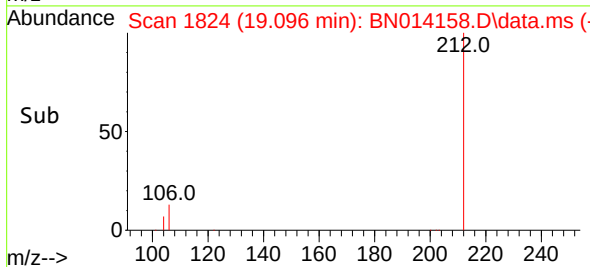
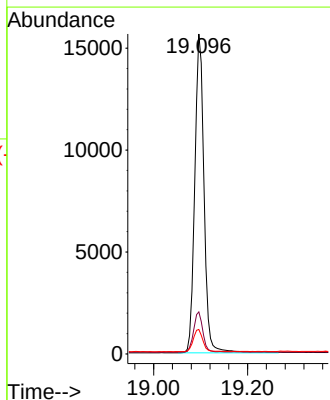
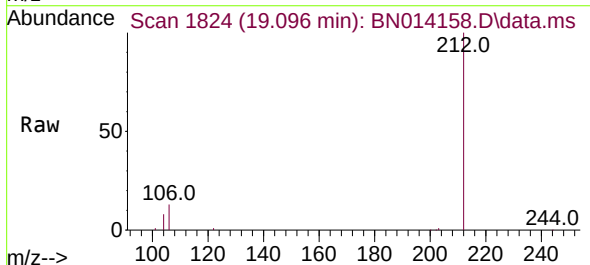
Instrument :
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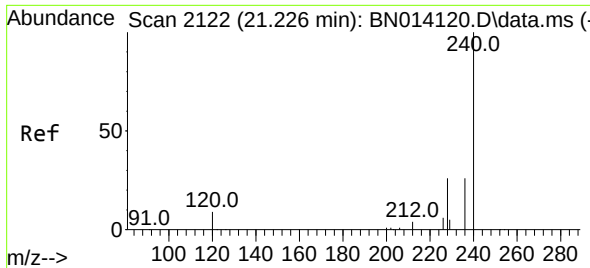
Tgt Ion:266 Resp: 291
Ion Ratio Lower Upper
266 100
264 61.9 50.2 75.2
268 47.4 52.5 78.7#



#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.096 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BN014158.D
Acq: 01 Apr 2021 02:04

Tgt Ion:212 Resp: 21365
Ion Ratio Lower Upper
212 100
106 12.5 10.1 15.1
104 7.2 5.5 8.3

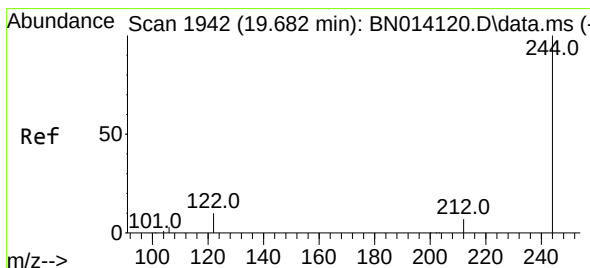
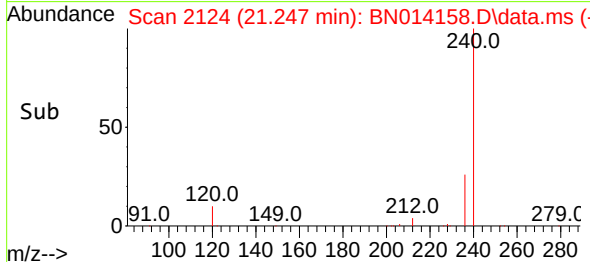
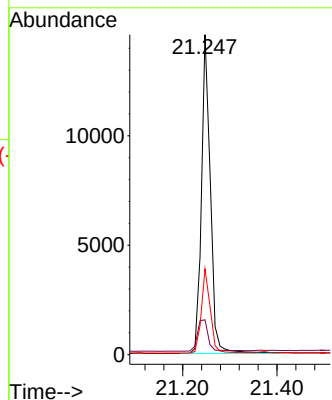
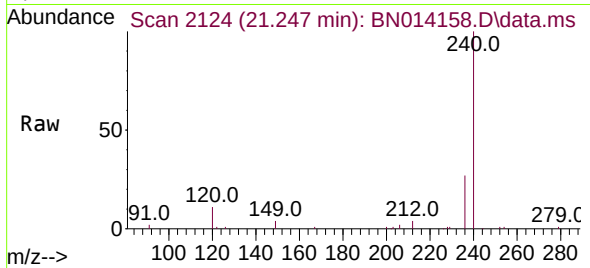




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014158.D
Acq: 01 Apr 2021 02:04

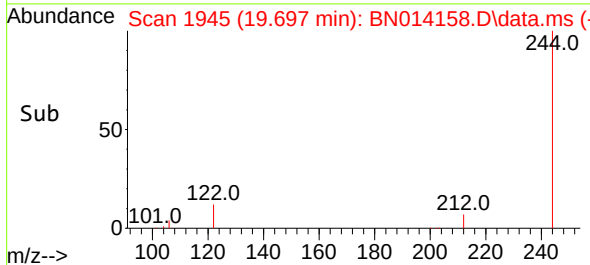
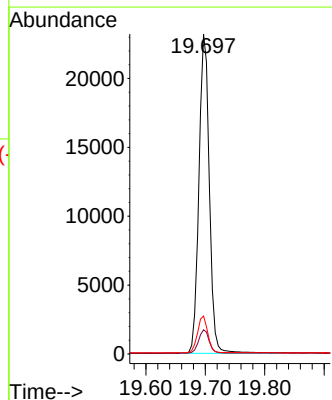
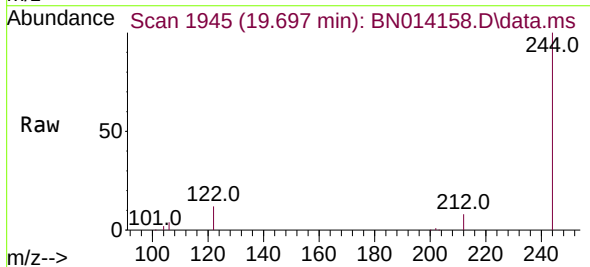
Instrument :
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TT180D1-20210323

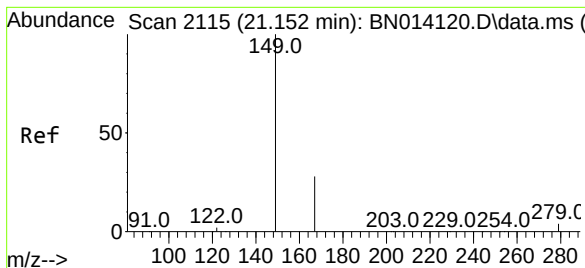
Tgt Ion:240 Resp: 19159
Ion Ratio Lower Upper
240 100
120 10.9 8.4 12.6
236 26.8 21.0 31.6



#31
Terphenyl-d14
Concen: 0.64 ng
RT: 19.697 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BN014158.D
Acq: 01 Apr 2021 02:04

Tgt Ion:244 Resp: 28114
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 11.8 8.6 13.0

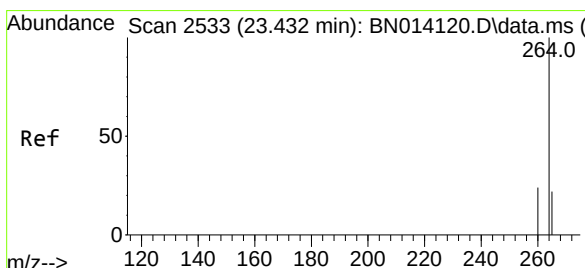
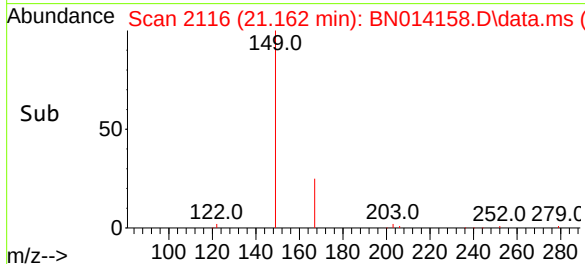
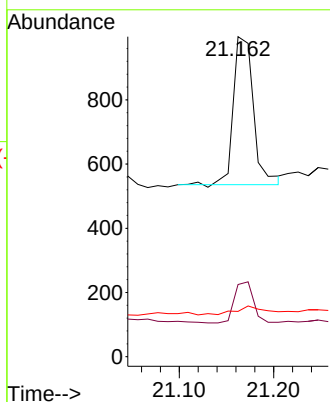
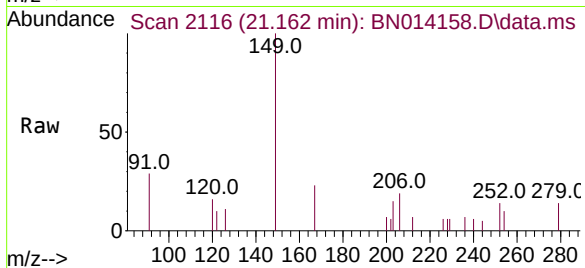




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.04 ng
 RT: 21.162 min Scan# 2116
 Delta R.T. -0.011 min
 Lab File: BN014158.D
 Acq: 01 Apr 2021 02:04

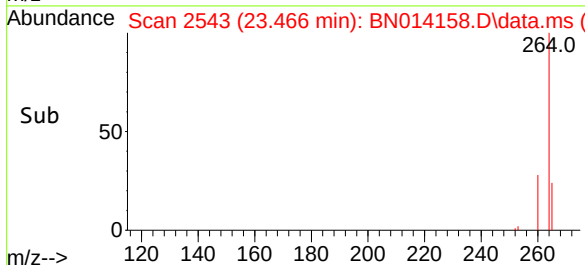
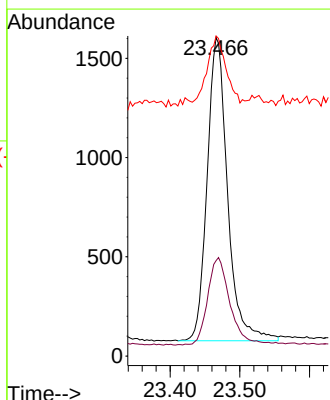
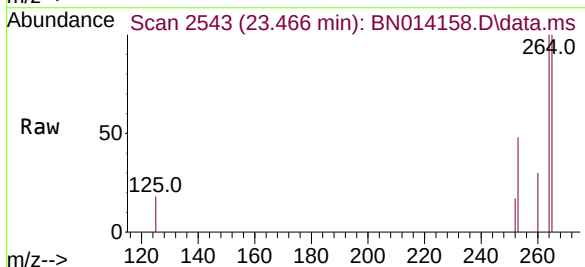
Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20210323

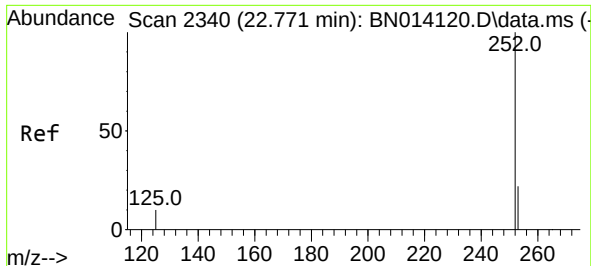
Tgt Ion:149 Resp: 683
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.4 32.2
 279 9.1 3.5 5.3#



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.466 min Scan# 2543
 Delta R.T. -0.000 min
 Lab File: BN014158.D
 Acq: 01 Apr 2021 02:04

Tgt Ion:264 Resp: 3102
 Ion Ratio Lower Upper
 264 100
 260 30.0 19.8 29.8#
 265 100.5 30.7 46.1#

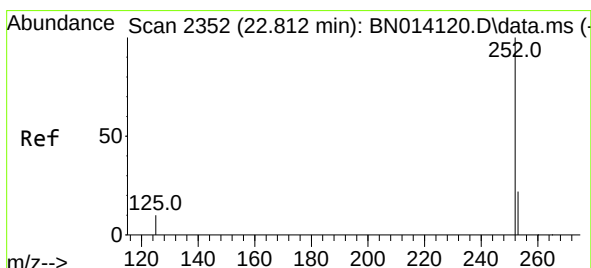
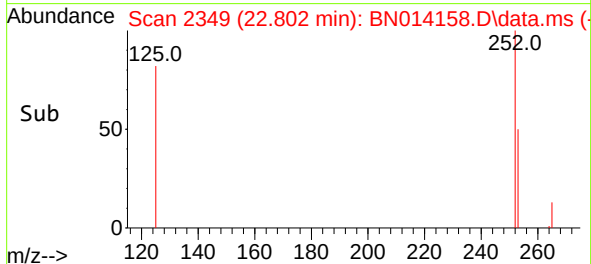
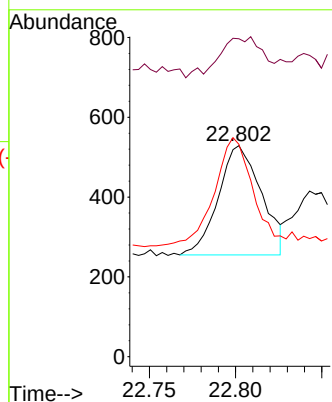
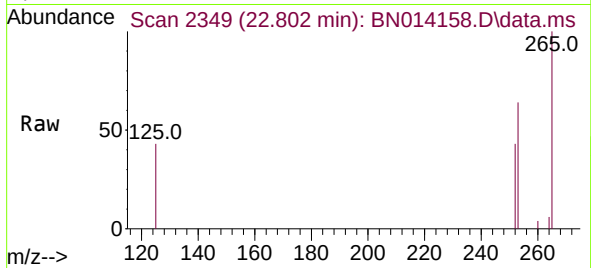




#37
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 22.802 min Scan# 2349
Delta R.T. -0.000 min
Lab File: BN014158.D
Acq: 01 Apr 2021 02:04

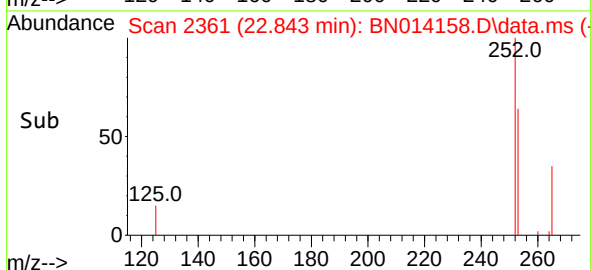
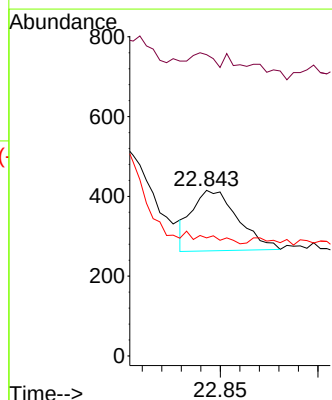
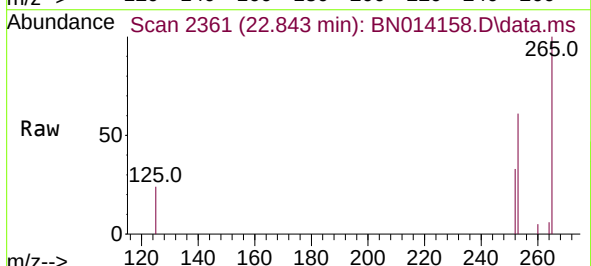
Instrument :
BNA_N
ClientSampleId :
TT180D1-20210323

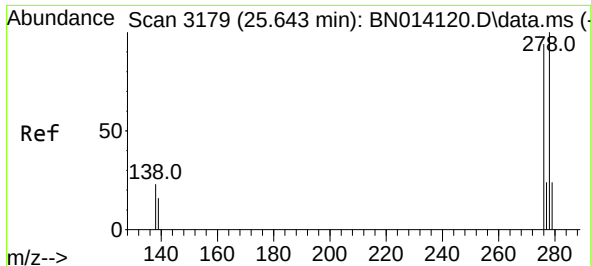
Tgt Ion:252 Resp: 476
Ion Ratio Lower Upper
252 100
253 150.7 20.6 30.8#
125 100.6 9.4 14.2#



#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.843 min Scan# 2361
Delta R.T. -0.000 min
Lab File: BN014158.D
Acq: 01 Apr 2021 02:04

Tgt Ion:252 Resp: 248
Ion Ratio Lower Upper
252 100
253 181.9 20.6 30.8#
125 71.3 9.5 14.3#

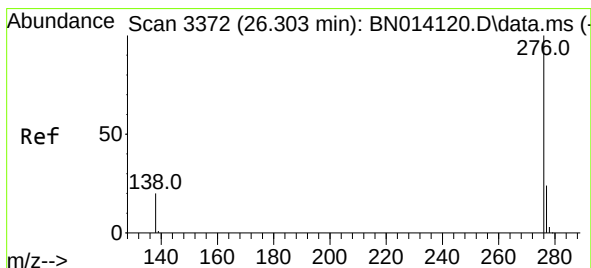
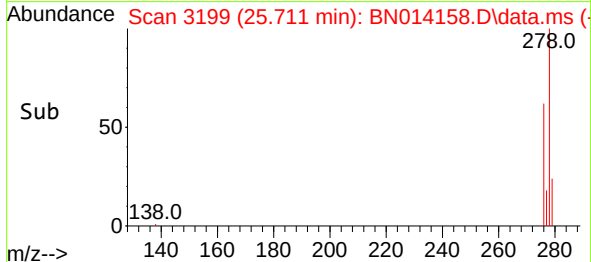
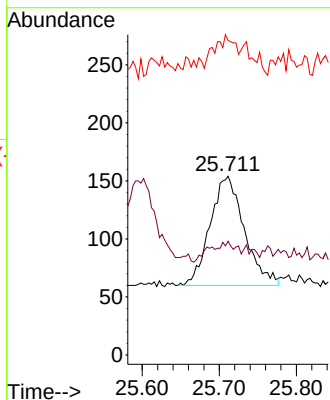
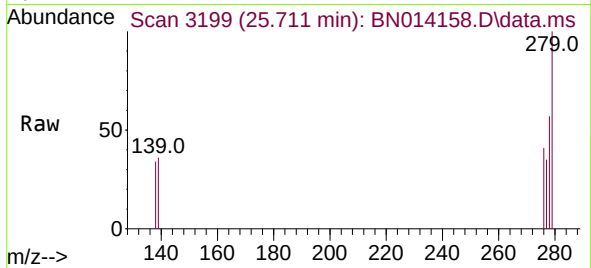




#40
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 25.711 min Scan# 3199
Delta R.T. 0.010 min
Lab File: BN014158.D
Acq: 01 Apr 2021 02:04

Instrument :
BNA_N
ClientSampleId :
TT180D1-20210323

Tgt Ion:278 Resp: 290
Ion Ratio Lower Upper
278 100
139 63.6 13.4 20.0#
279 176.0 21.3 31.9#



#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.369 min Scan# 3391
Delta R.T. -0.000 min
Lab File: BN014158.D
Acq: 01 Apr 2021 02:04

Tgt Ion:276 Resp: 249
Ion Ratio Lower Upper
276 100
277 73.1 20.1 30.1#
138 70.8 17.0 25.4#

