

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033121\
 Data File : BN014148.D
 Acq On : 31 Mar 2021 18:16
 Operator : CG/JU
 Sample : M1842-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20210323

Quant Time: Mar 31 18:46:44 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)

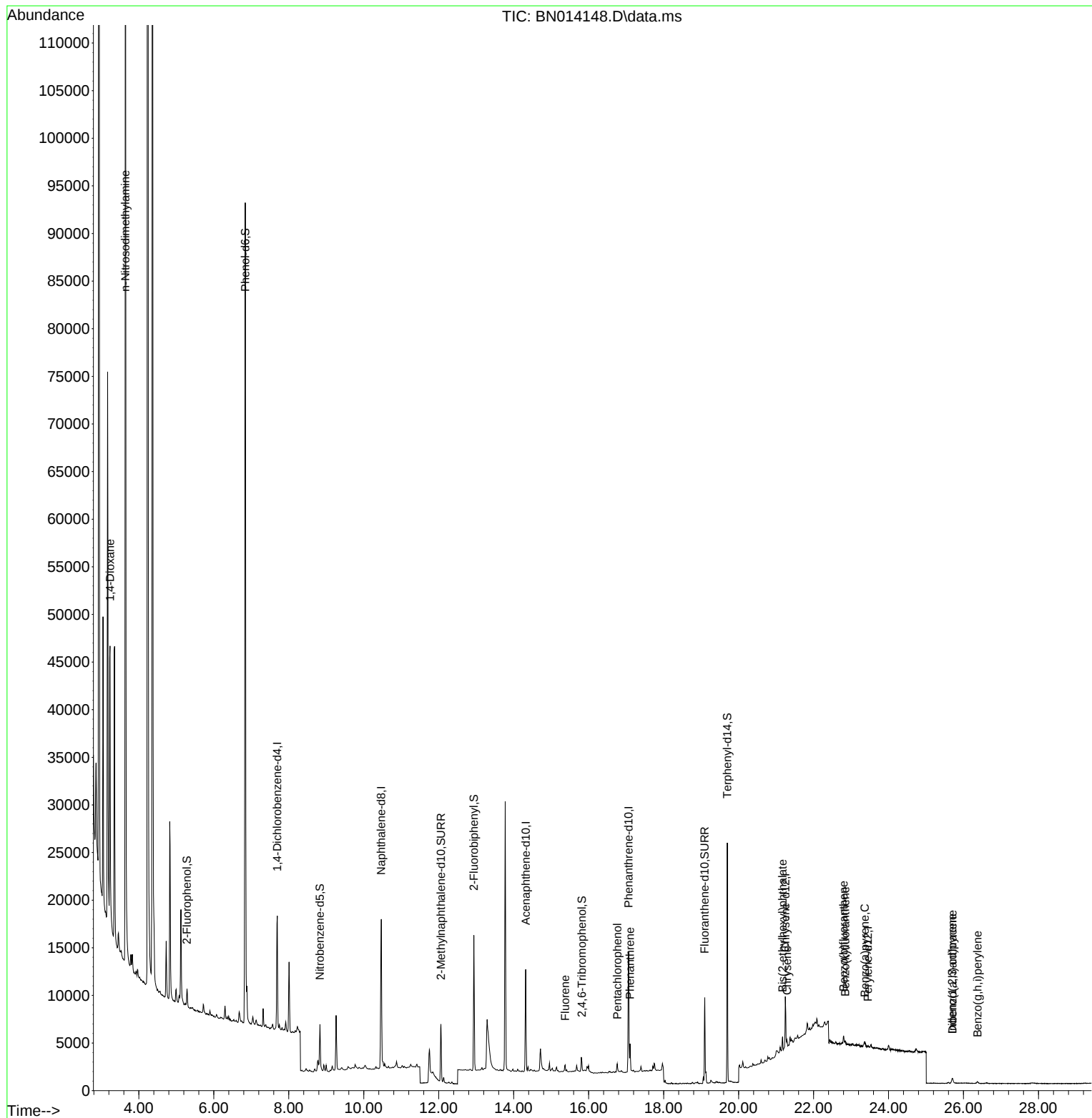
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	5637	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	20883	0.40	ng	# 0.00
13) Acenaphthene-d10	14.321	164	5892	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	18210	0.40	ng	0.00
29) Chrysene-d12	21.247	240	5400	0.40	ng	# 0.00
36) Perylene-d12	23.452	264	20	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	1394	0.10	ng	0.00
5) Phenol-d6	6.839	99	1867	0.10	ng	-0.02
8) Nitrobenzene-d5	8.832	82	3761	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	7995	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1009	0.53	ng	0.01
15) 2-Fluorobiphenyl	12.938	172	11721	0.53	ng	0.00
27) Fluoranthene-d10	19.096	212	9883	0.21	ng	0.00
31) Terphenyl-d14	19.697	244	24378	1.96	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.231	88	18523	2.55	ng	# 95
3) n-Nitrosodimethylamine	3.641	42	4199	0.75	ng	# 1
18) Fluorene	15.374	166	511	0.03	ng	# 89
24) Pentachlorophenol	16.763	266	138	0.04	ng	# 1
25) Phenanthrene	17.103	178	2911	0.06	ng	98
33) Chrysene	21.290	228	404	0.02	ng	# 66
34) Bis(2-ethylhexyl)phtha...	21.173	149	1683	0.37	ng	# 94
35) Indeno(1,2,3-cd)pyrene	25.701	276	481	0.03	ng	# 83
37) Benzo(b)fluoranthene	22.802	252	710	10.07	ng	# 1
38) Benzo(k)fluoranthene	22.846	252	330	4.79	ng	# 1
39) Benzo(a)pyrene	23.367	252	149	2.46	ng	# 1
40) Dibenzo(a,h)anthracene	25.704	278	713	11.45	ng	# 1
41) Benzo(g,h,i)perylene	26.372	276	365	5.52	ng	# 9

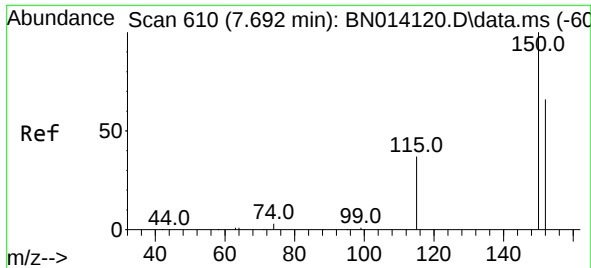
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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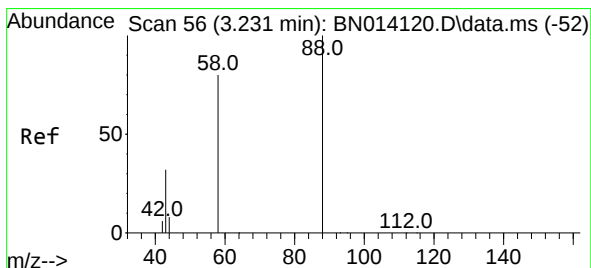
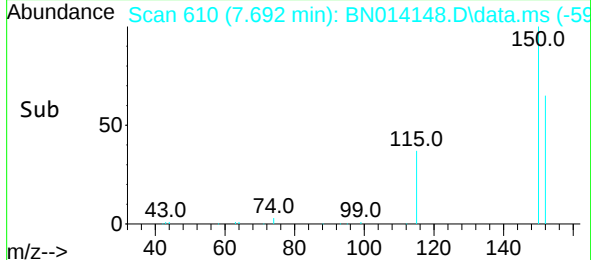
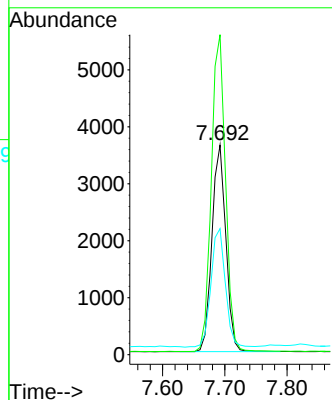
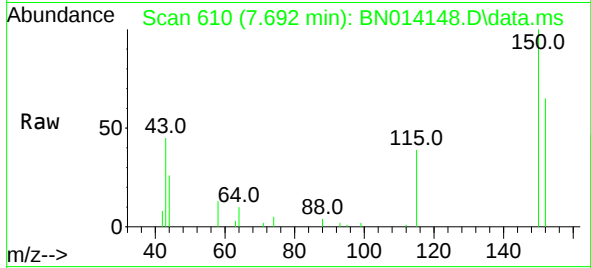




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. 0.008 min
 Lab File: BN014148.D
 Acq: 31 Mar 2021 18:16

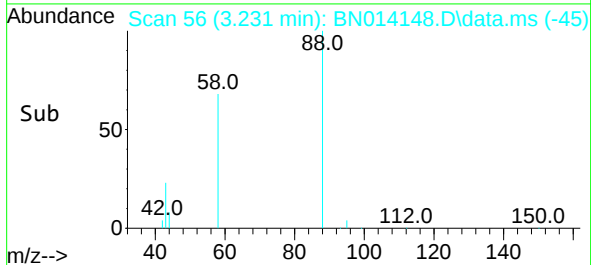
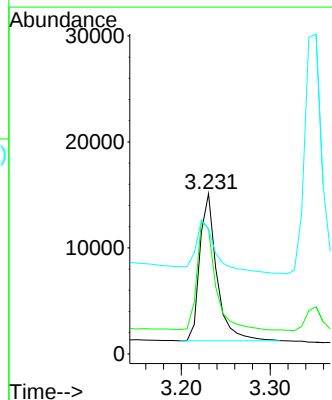
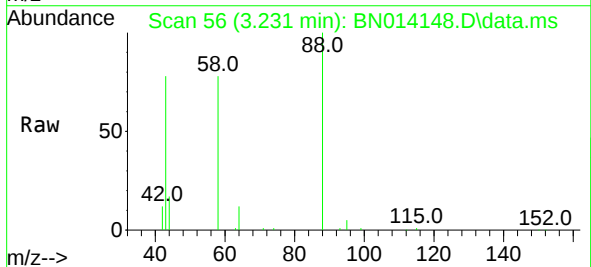
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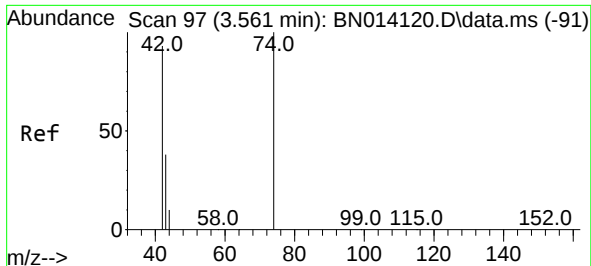
Tgt Ion:152 Resp: 5637
 Ion Ratio Lower Upper
 152 100
 150 152.7 121.2 181.8
 115 60.1 46.2 69.2



#2
 1,4-Dioxane
 Concen: 2.55 ng
 RT: 3.231 min Scan# 56
 Delta R.T. -0.008 min
 Lab File: BN014148.D
 Acq: 31 Mar 2021 18:16

Tgt Ion: 88 Resp: 18523
 Ion Ratio Lower Upper
 88 100
 58 79.1 63.1 94.7
 43 42.4 26.2 39.2#

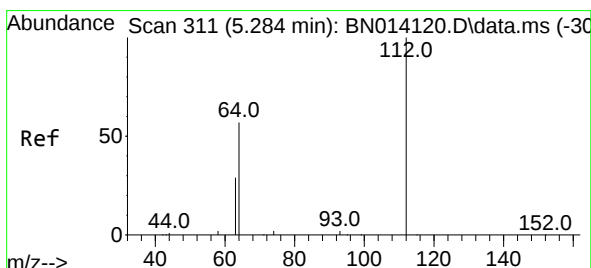
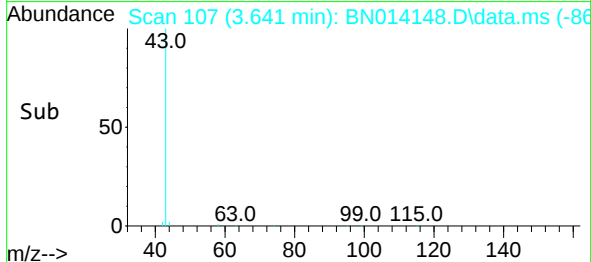
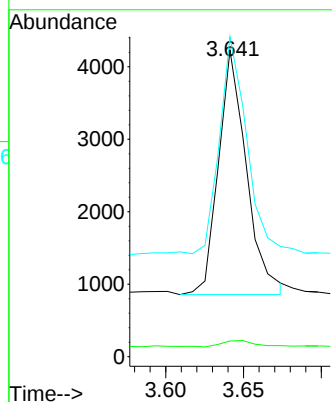
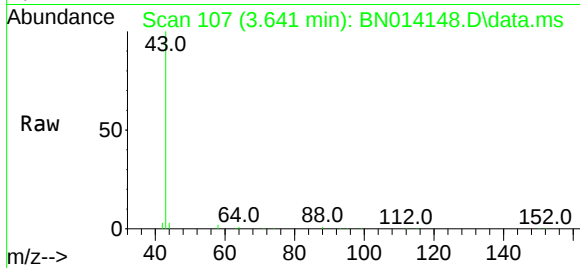




#3
n-Nitrosodimethylamine
Concen: 0.75 ng
RT: 3.641 min Scan# 107
Delta R.T. 0.072 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

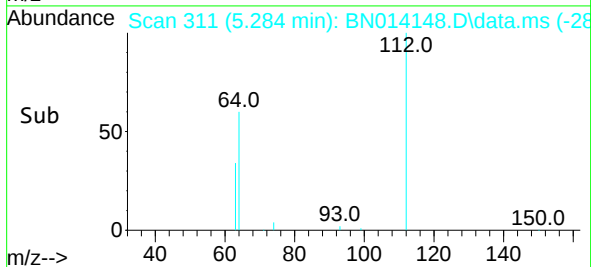
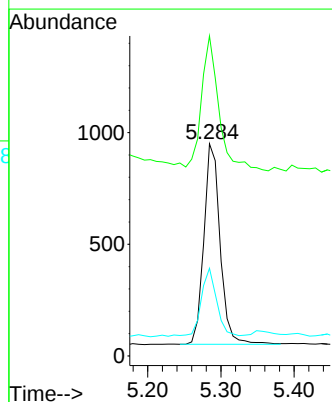
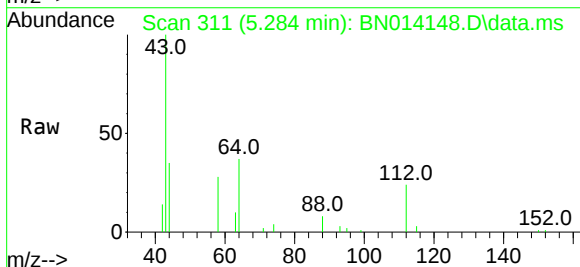
Instrument :
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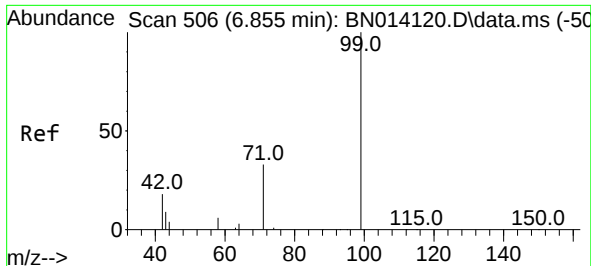
Tgt Ion: 42 Resp: 4199
Ion Ratio Lower Upper
42 100
74 2.5 94.6 141.8#
44 88.4 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

Tgt Ion: 112 Resp: 1394
Ion Ratio Lower Upper
112 100
64 72.0 48.3 72.5
63 32.1 25.4 38.0

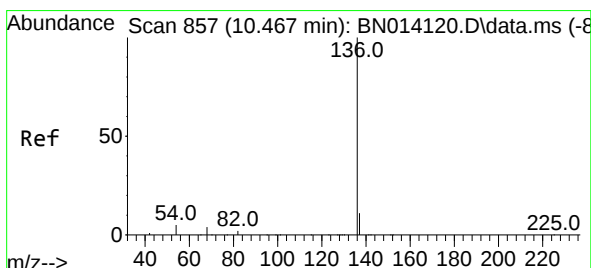
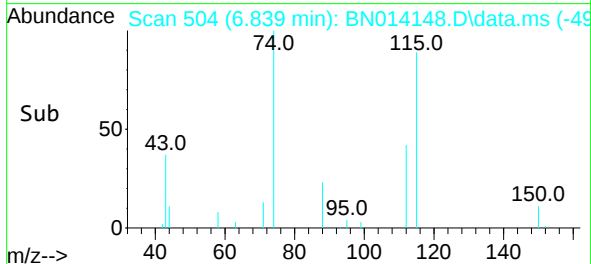
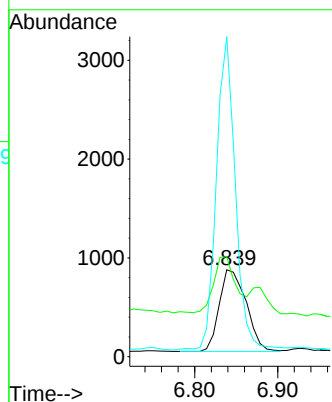
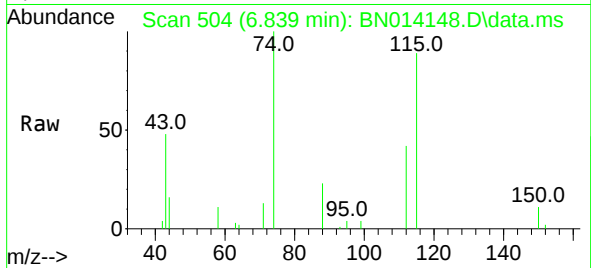




#5
Phenol-d6
Concen: 0.10 ng
RT: 6.839 min Scan# 504
Delta R.T. -0.016 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

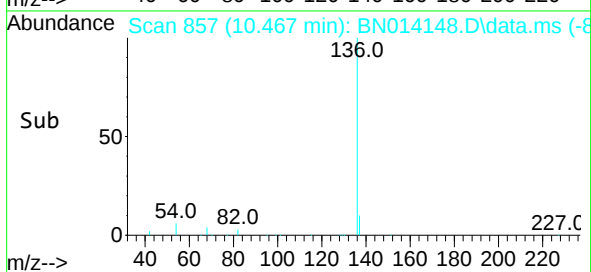
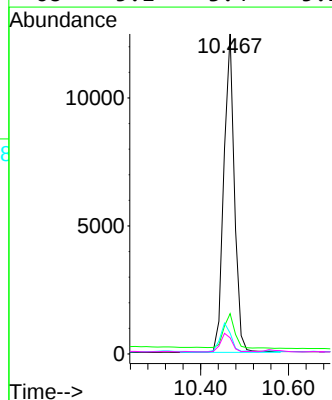
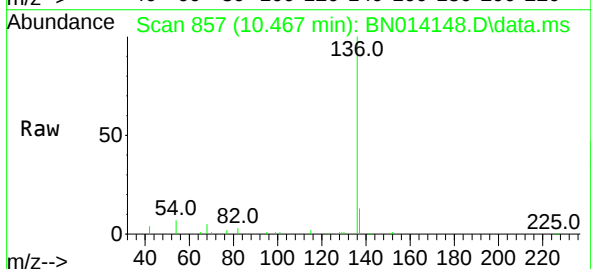
Instrument :
BNA_N
ClientSampleId :
RE104D1-20210323

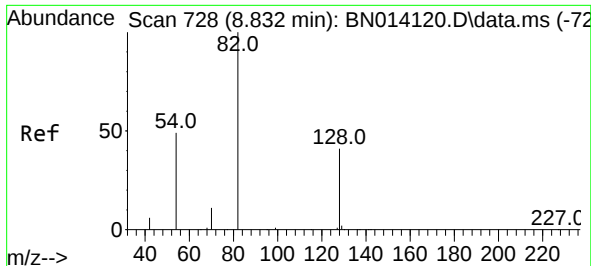
Tgt Ion: 99 Resp: 1867
Ion Ratio Lower Upper
99 100
42 57.4 18.2 27.4#
71 267.3 26.7 40.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

Tgt Ion:136 Resp: 20883
Ion Ratio Lower Upper
136 100
137 12.6 9.1 13.7
54 6.5 4.3 6.5#
68 5.1 3.4 5.2

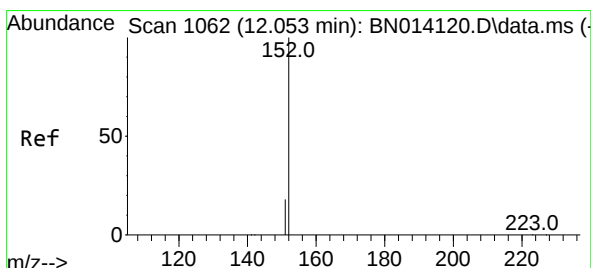
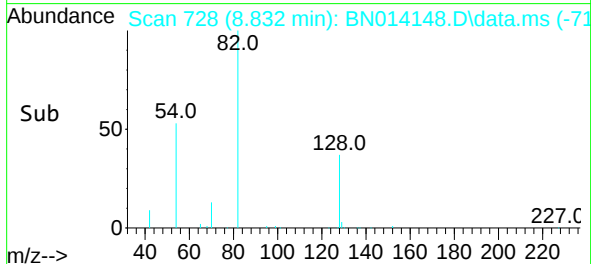
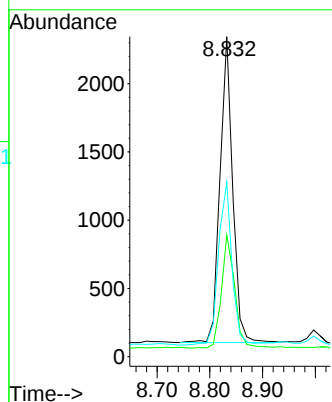
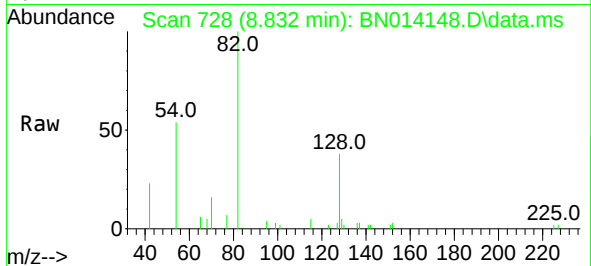




#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

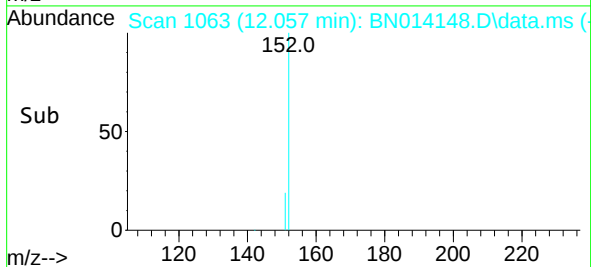
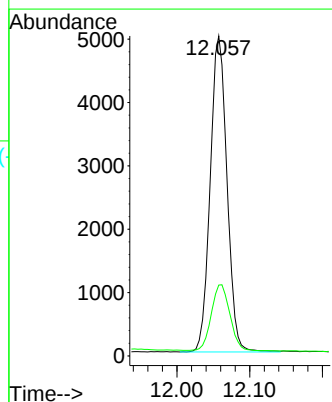
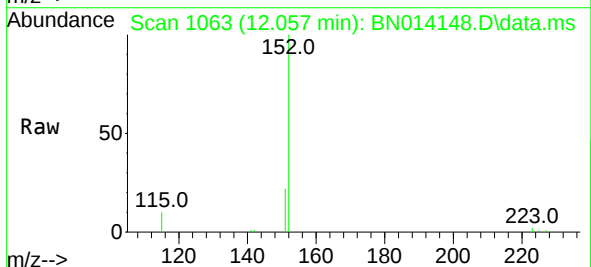
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ClientSampleId :
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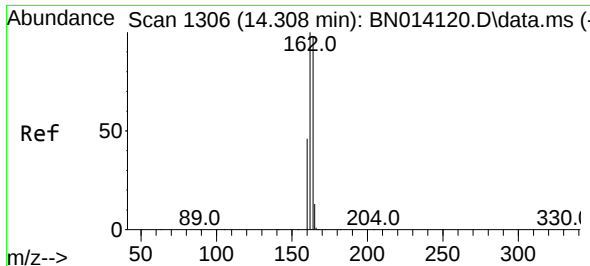
Tgt Ion:	82	Resp:	3761
Ion Ratio	Lower	Upper	
82	100		
128	38.0	33.5	50.3
54	54.4	40.3	60.5



#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 12.057 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

Tgt Ion:	152	Resp:	7995
Ion Ratio	Lower	Upper	
152	100		
151	23.1	16.1	24.1

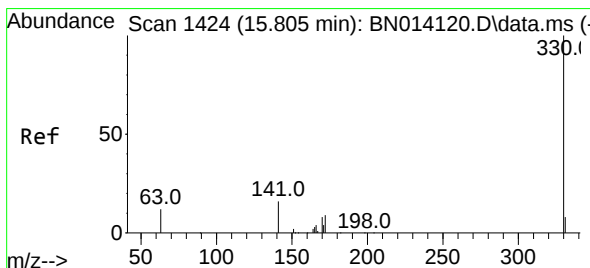
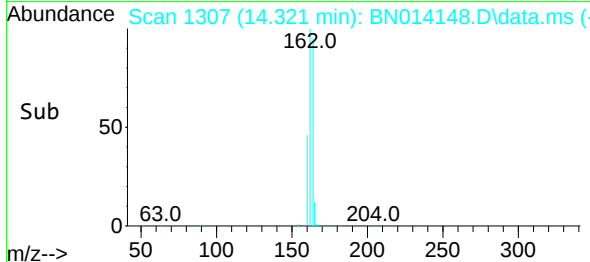
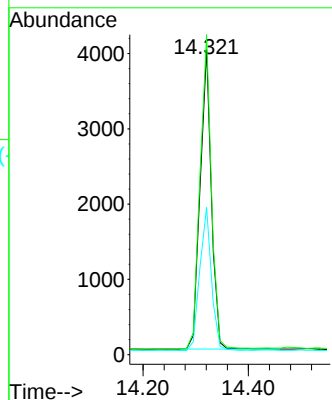
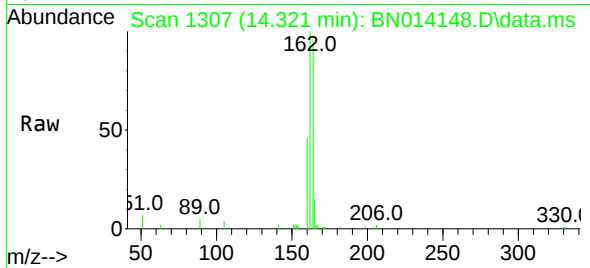




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

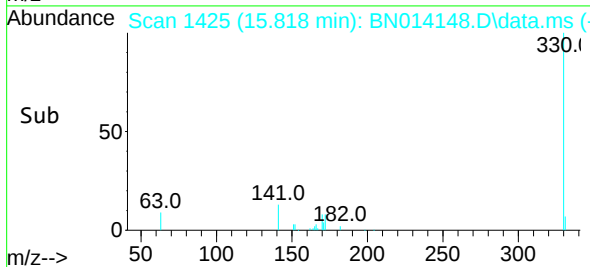
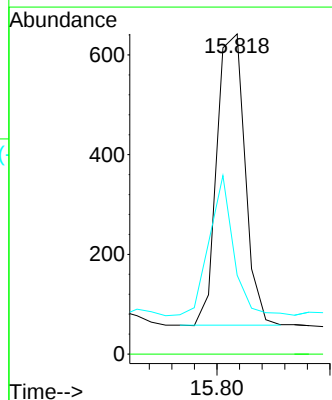
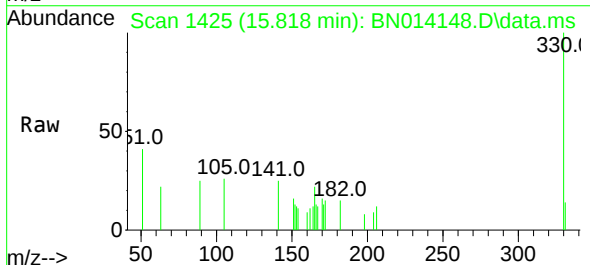
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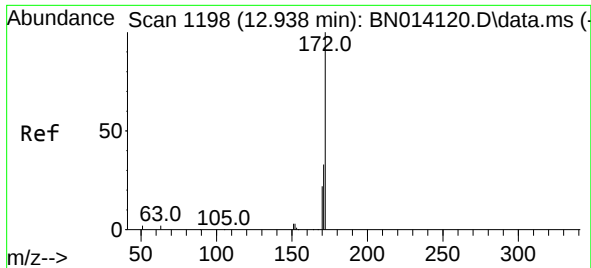
Tgt Ion:164 Resp: 5892
Ion Ratio Lower Upper
164 100
162 104.9 81.4 122.2
160 48.2 37.5 56.3



#14
2,4,6-Tribromophenol
Concen: 0.53 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.012 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

Tgt Ion:330 Resp: 1009
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.6 31.2 46.8

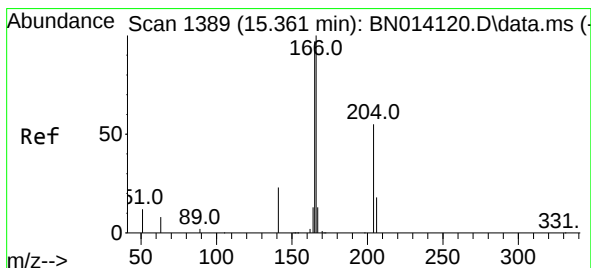
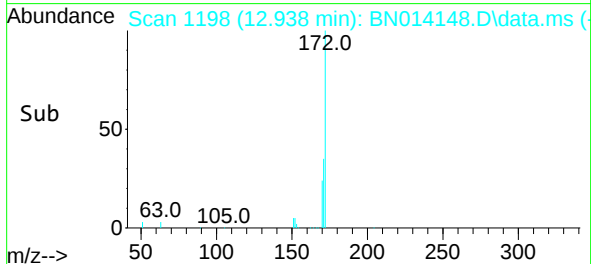
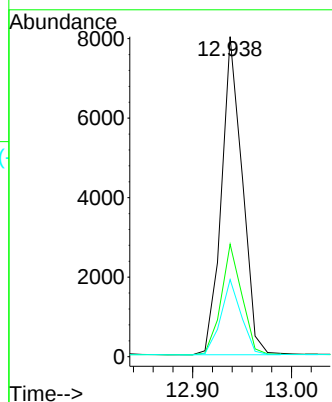
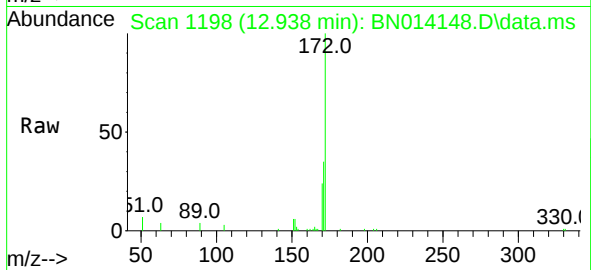




#15
2-Fluorobiphenyl
Concen: 0.53 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

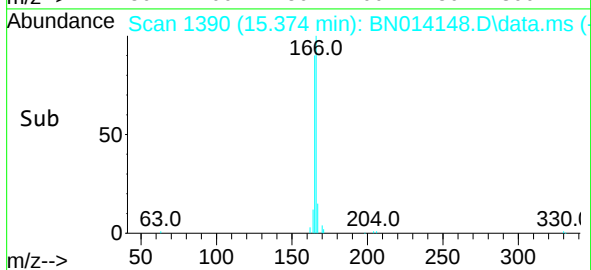
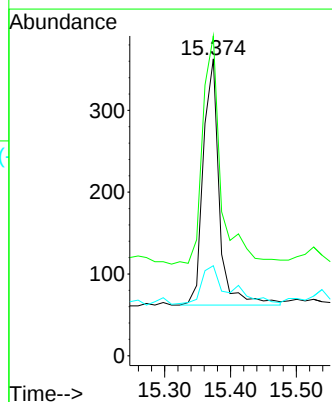
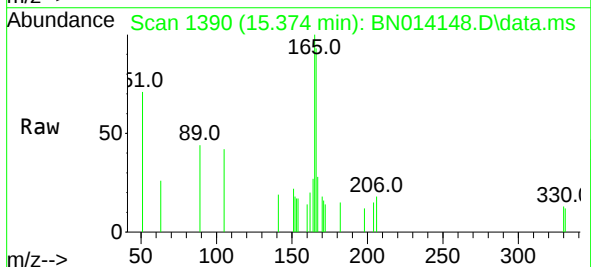
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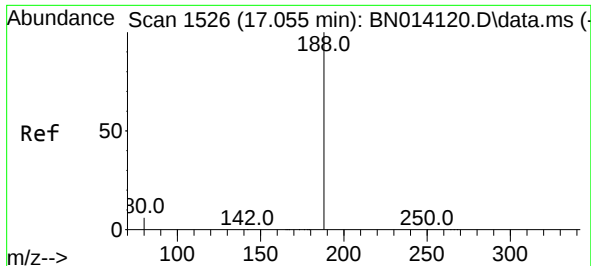
Tgt Ion:	172	Resp:	11721
Ion Ratio	Lower	Upper	
172	100		
171	35.2	26.9	40.3
170	24.1	17.8	26.8



#18
Fluorene
Concen: 0.03 ng
RT: 15.374 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

Tgt Ion:	166	Resp:	511
Ion Ratio	Lower	Upper	
166	100		
165	105.1	77.9	116.9
167	25.6	10.6	16.0#

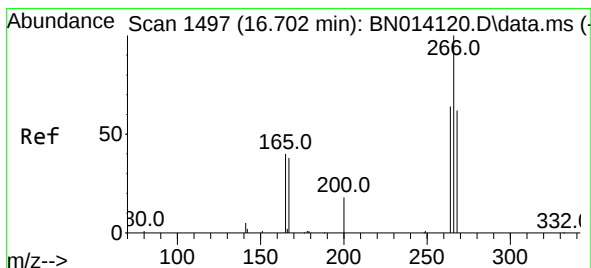
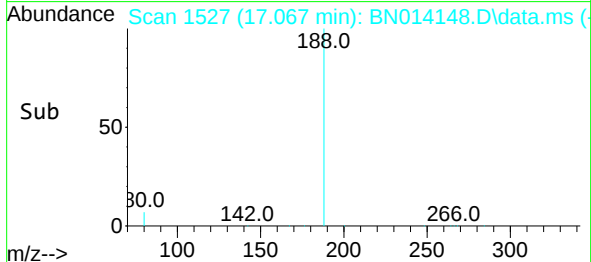
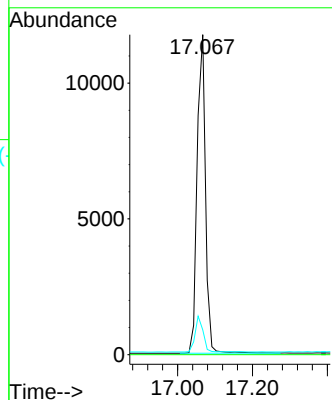
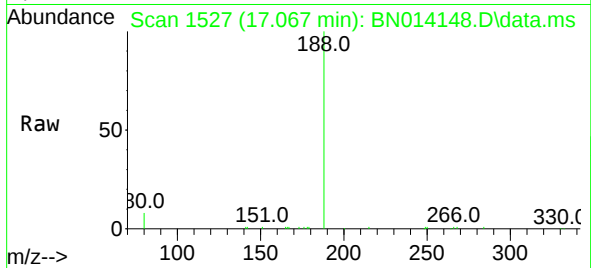




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

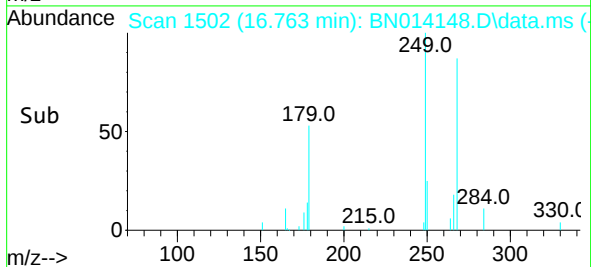
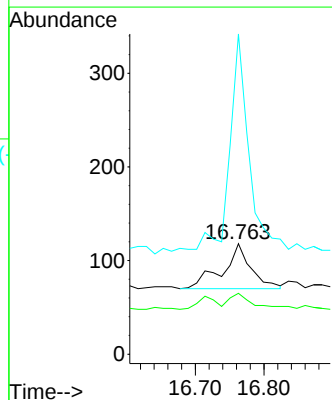
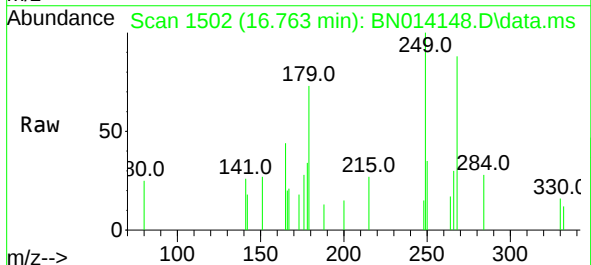
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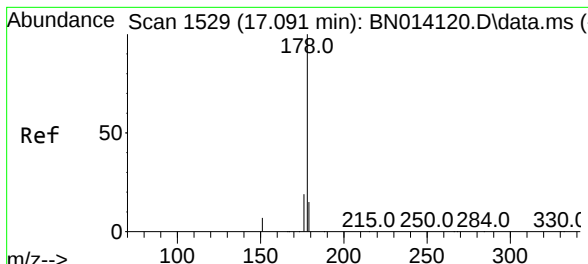
Tgt Ion:188 Resp: 18210
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 5.2 7.8



#24
Pentachlorophenol
Concen: 0.04 ng
RT: 16.763 min Scan# 1502
Delta R.T. 0.048 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

Tgt Ion:266 Resp: 138
Ion Ratio Lower Upper
266 100
264 27.5 50.2 75.2#
268 368.1 52.5 78.7#

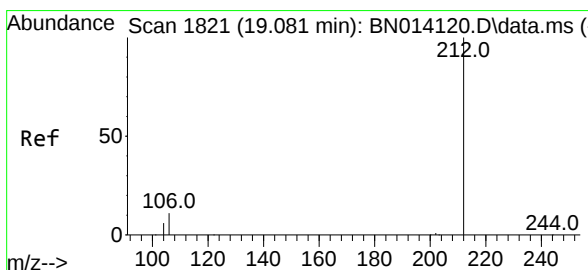
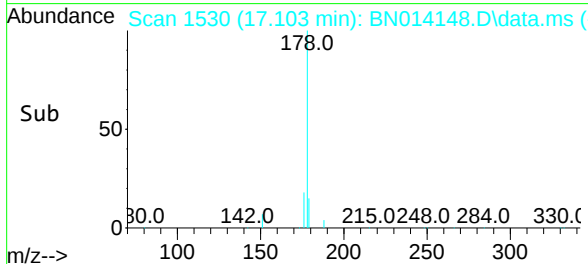
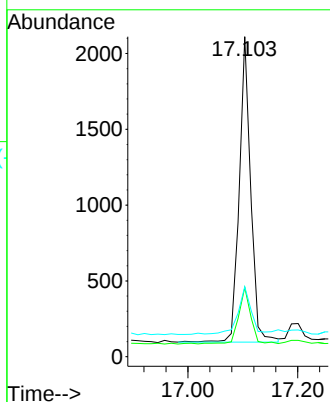
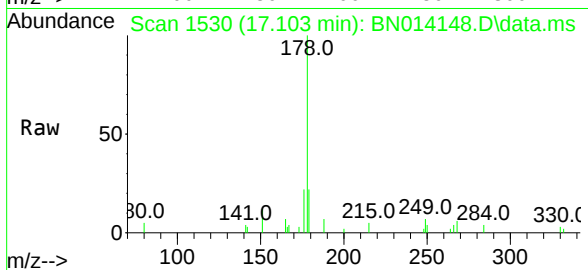




#25
 Phenanthrene
 Concen: 0.06 ng
 RT: 17.103 min Scan# 1530
 Delta R.T. -0.000 min
 Lab File: BN014148.D
 Acq: 31 Mar 2021 18:16

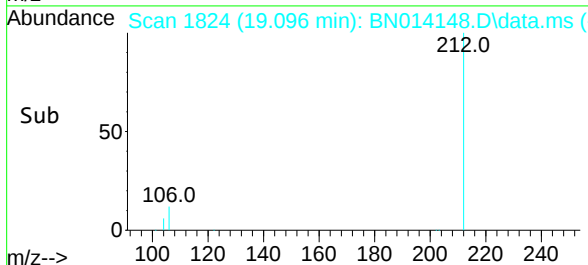
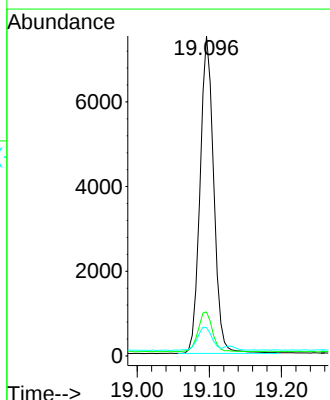
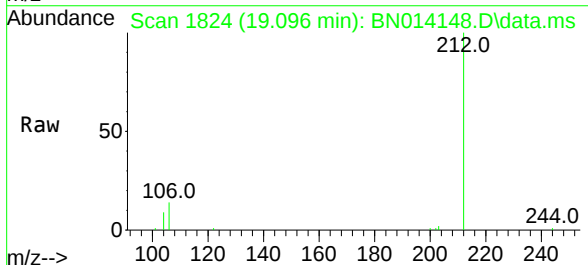
Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20210323

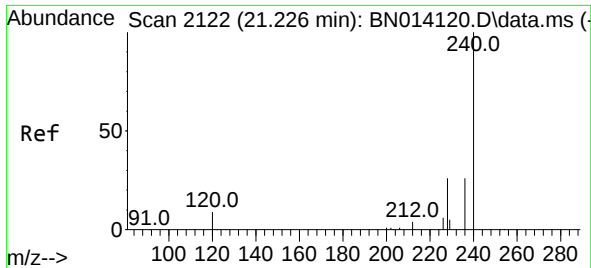
Tgt Ion:	178	Resp:	2911
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.0	22.6
179	17.1	12.4	18.6



#27
 Fluoranthene-d10
 Concen: 0.21 ng
 RT: 19.096 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BN014148.D
 Acq: 31 Mar 2021 18:16

Tgt Ion:	212	Resp:	9883
Ion Ratio	Lower	Upper	
212	100		
106	13.3	10.1	15.1
104	7.9	5.5	8.3

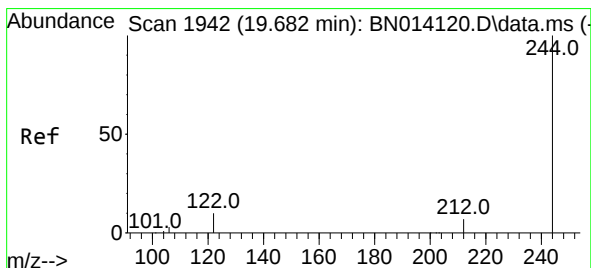
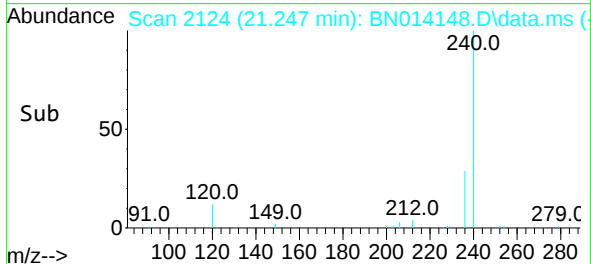
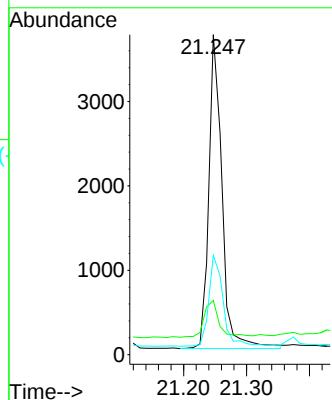
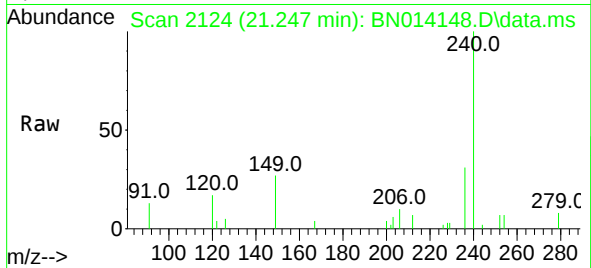




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

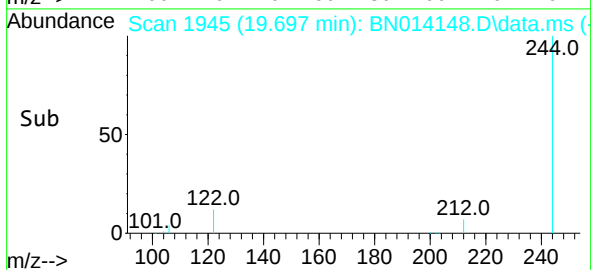
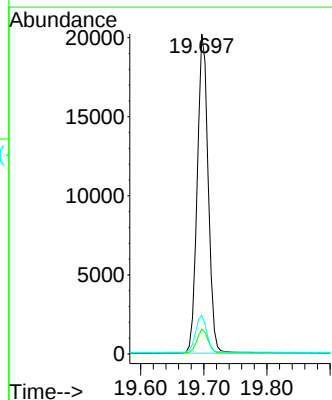
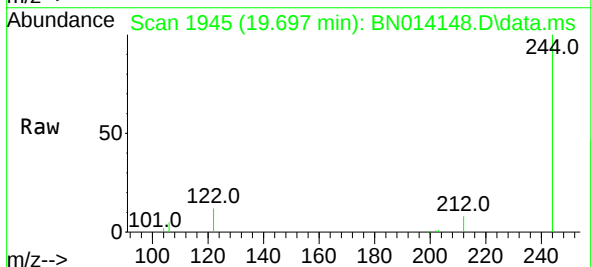
Instrument :
BNA_N
ClientSampleId :
RE104D1-20210323

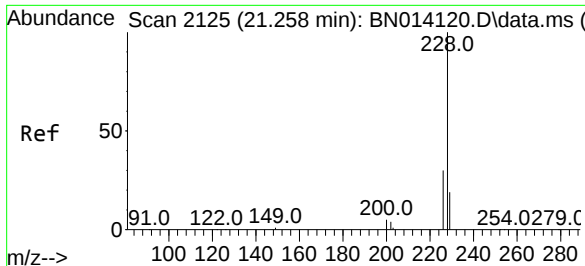
Tgt Ion:240 Resp: 5400
Ion Ratio Lower Upper
240 100
120 16.9 8.4 12.6#
236 31.1 21.0 31.6



#31
Terphenyl-d14
Concen: 1.96 ng
RT: 19.697 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

Tgt Ion:244 Resp: 24378
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 12.1 8.6 13.0

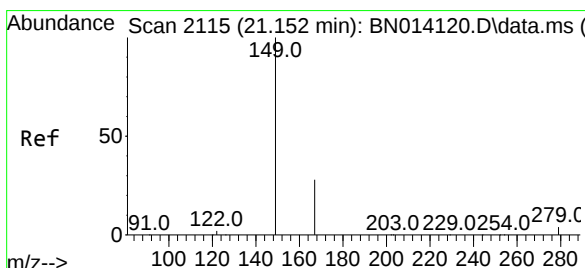
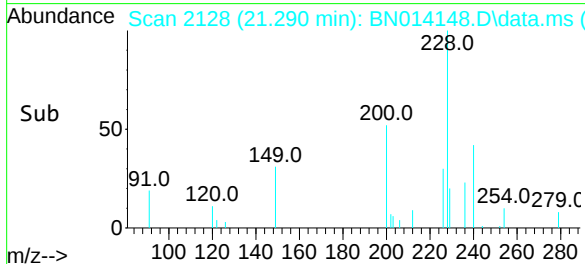
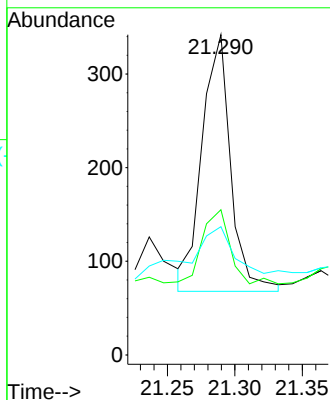
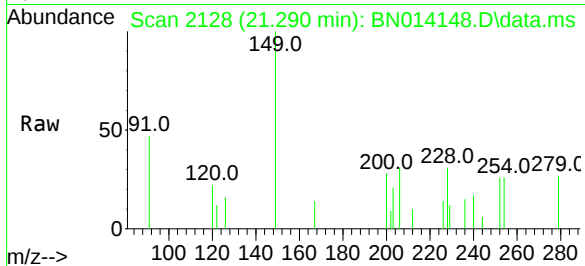




#33
Chrysene
Concen: 0.02 ng
RT: 21.290 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

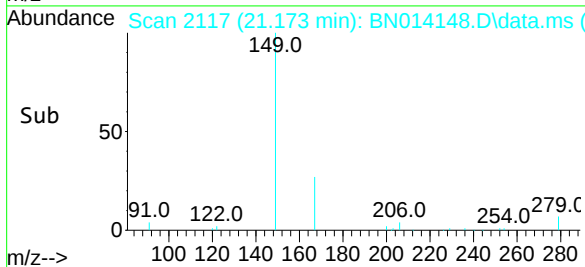
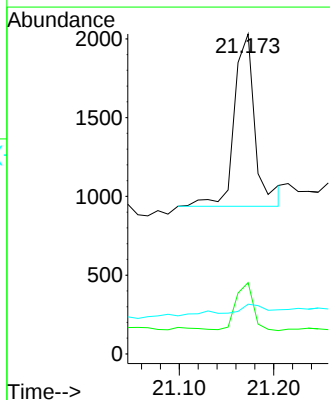
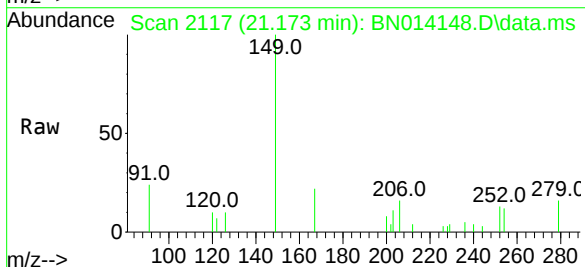
Instrument :
BNA_N
ClientSampleId :
RE104D1-20210323

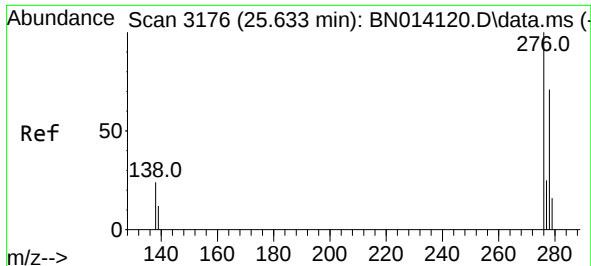
Tgt Ion:228	Resp:	404
Ion Ratio	Lower	Upper
228	100	
226	45.3	24.4 36.6#
229	40.1	15.5 23.3#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.37 ng
RT: 21.173 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

Tgt Ion:149	Resp:	1683
Ion Ratio	Lower	Upper
149	100	
167	23.4	21.4 32.2
279	6.2	3.5 5.3#

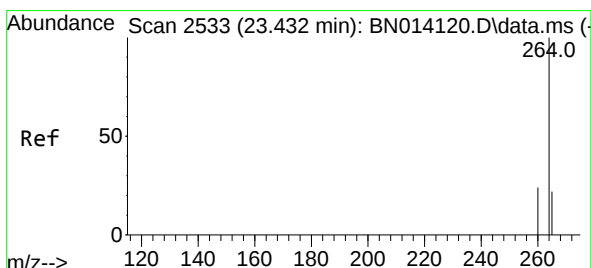
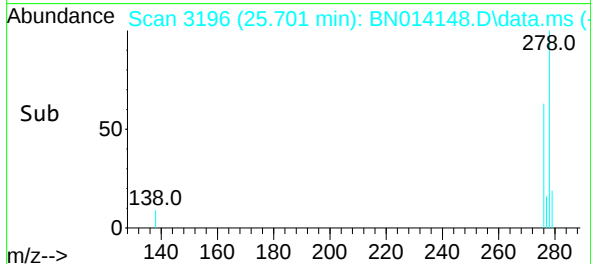
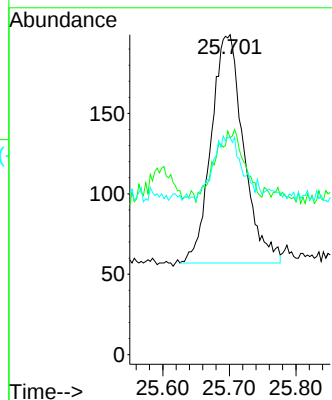
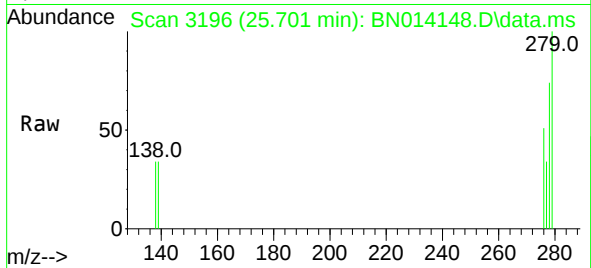




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.701 min Scan# 3196
Delta R.T. 0.013 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

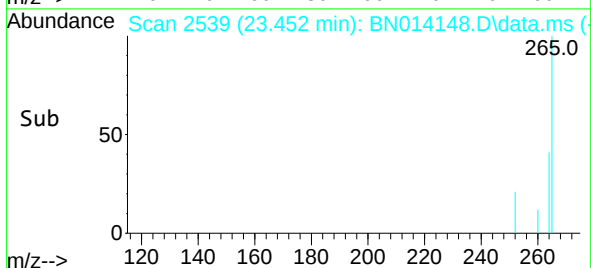
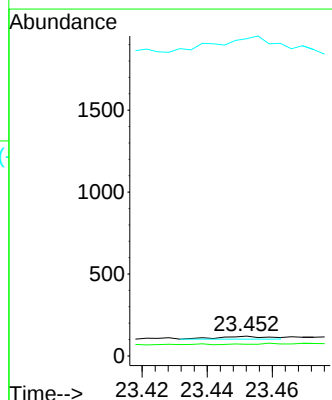
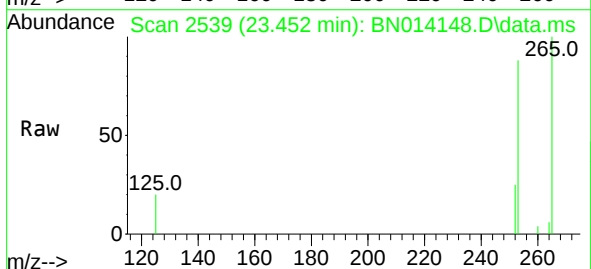
Instrument :
BNA_N
ClientSampleId :
RE104D1-20210323

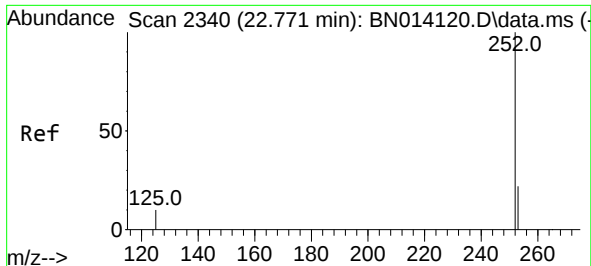
Tgt Ion:276 Resp: 481
Ion Ratio Lower Upper
276 100
138 28.3 19.4 29.2
277 11.6 19.8 29.6#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.452 min Scan# 2539
Delta R.T. -0.014 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

Tgt Ion:264 Resp: 20
Ion Ratio Lower Upper
264 100
260 58.7 19.8 29.8#
265 1600.0 30.7 46.1#





#37

Benzo(b)fluoranthene

Concen: 10.07 ng

RT: 22.802 min Scan# 2349

Delta R.T. -0.000 min

Lab File: BN014148.D

Acq: 31 Mar 2021 18:16

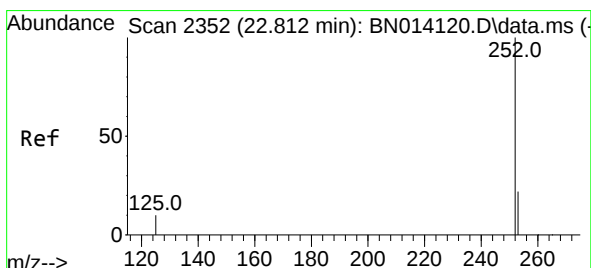
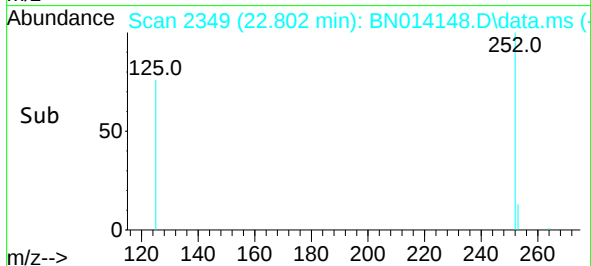
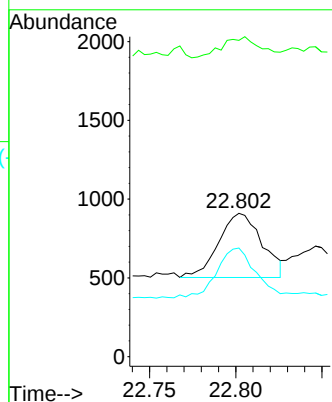
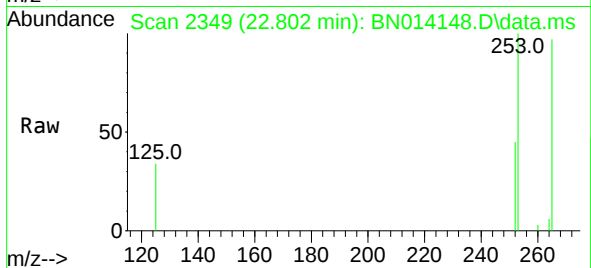
Tgt Ion:252 Resp: 710

Ion Ratio Lower Upper

252 100

253 220.7 20.6 30.8#

125 75.8 9.4 14.2#



#38

Benzo(k)fluoranthene

Concen: 4.79 ng

RT: 22.846 min Scan# 2362

Delta R.T. 0.003 min

Lab File: BN014148.D

Acq: 31 Mar 2021 18:16

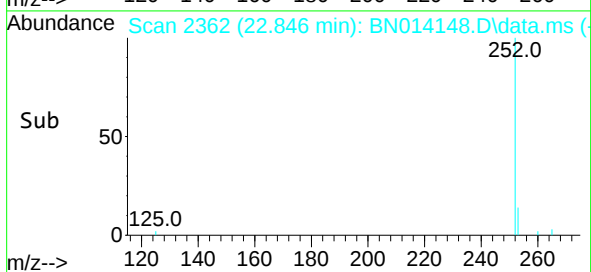
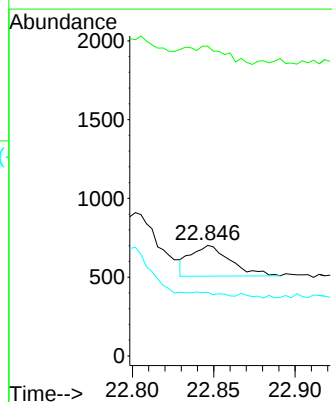
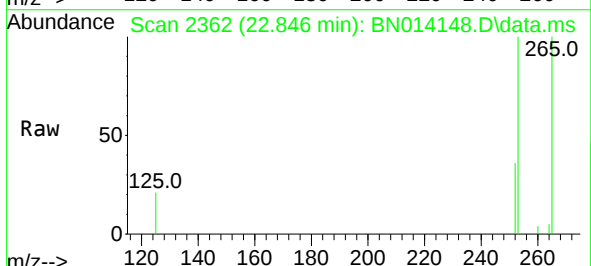
Tgt Ion:252 Resp: 330

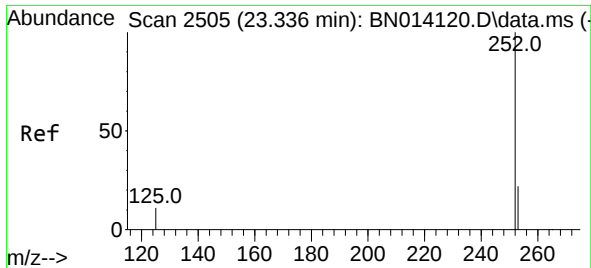
Ion Ratio Lower Upper

252 100

253 280.2 20.6 30.8#

125 57.5 9.5 14.3#

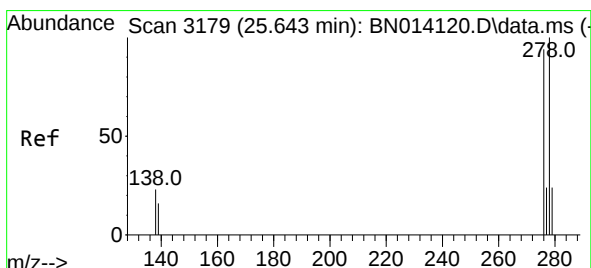
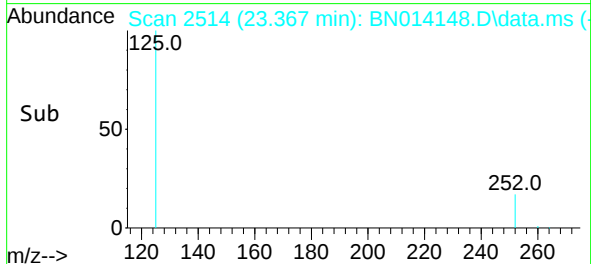
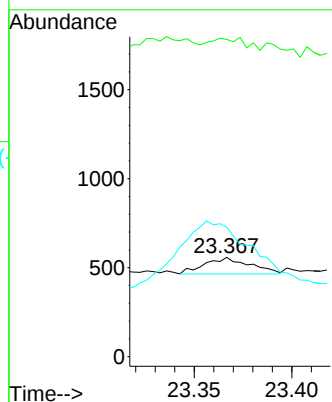
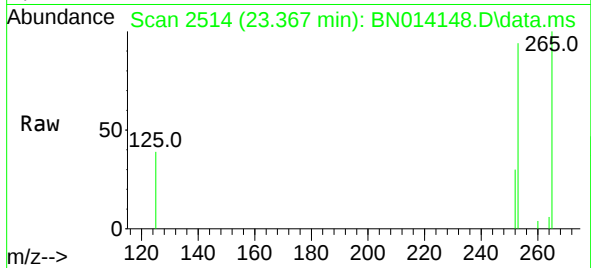




#39
Benzo(a)pyrene
Concen: 2.46 ng
RT: 23.367 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

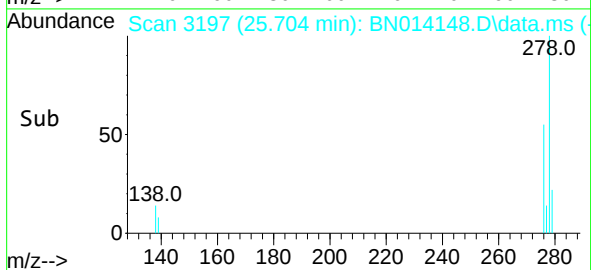
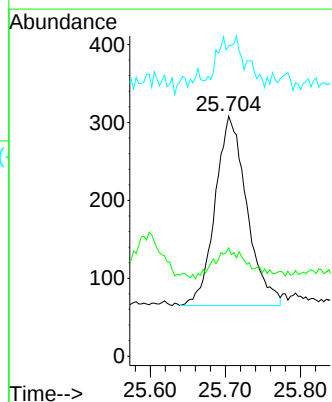
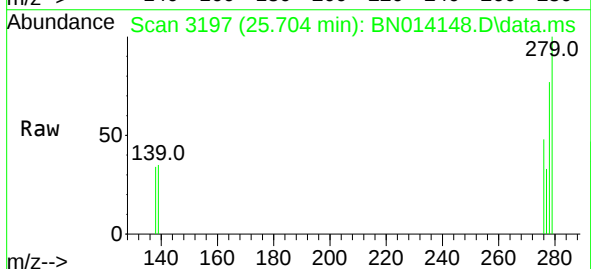
Instrument :
BNA_N
ClientSampleId :
RE104D1-20210323

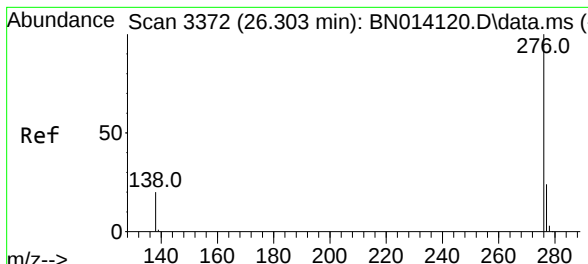
Tgt Ion:252 Resp: 149
Ion Ratio Lower Upper
252 100
253 319.5 21.9 32.9#
125 130.5 10.8 16.2#



#40
Dibenzo(a,h)anthracene
Concen: 11.45 ng
RT: 25.704 min Scan# 3197
Delta R.T. 0.003 min
Lab File: BN014148.D
Acq: 31 Mar 2021 18:16

Tgt Ion:278 Resp: 713
Ion Ratio Lower Upper
278 100
139 45.1 13.4 20.0#
279 129.2 21.3 31.9#





#41
 Benzo(g,h,i)perylene
 Concen: 5.52 ng
 RT: 26.372 min Scan# 3392
 Delta R.T. 0.003 min
 Lab File: BN014148.D
 Acq: 31 Mar 2021 18:16

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20210323

Tgt Ion:276 Resp: 365
 Ion Ratio Lower Upper
 276 100
 277 70.5 20.1 30.1#
 138 64.2 17.0 25.4#

