

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032321\
 Data File : BN014048.D
 Acq On : 23 Mar 2021 18:30
 Operator : CG/JU
 Sample : M1735-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20210315

Quant Time: Mar 24 02:58:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 11:06:27 2021
 Response via : Initial Calibration

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

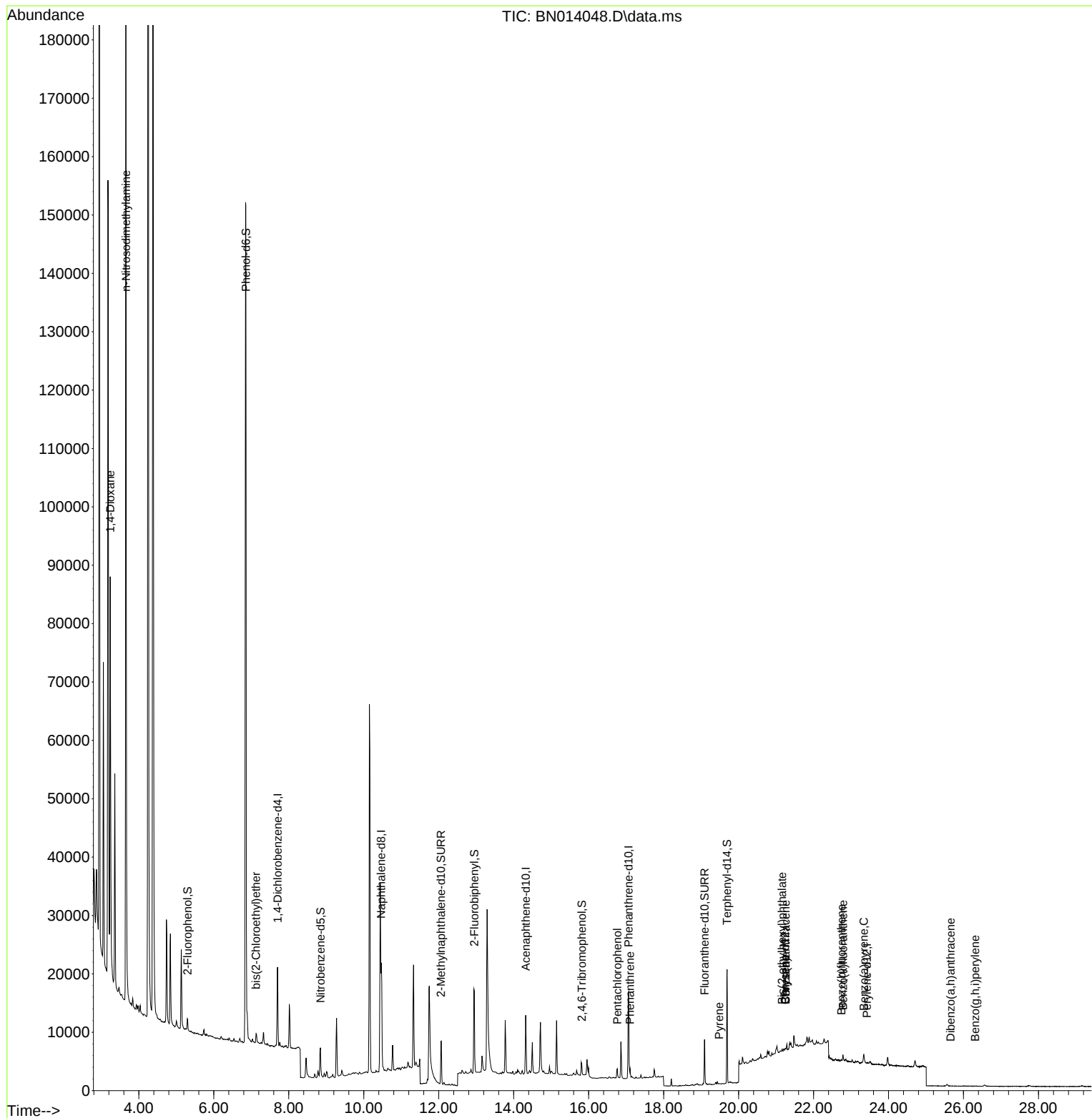
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	6187	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	24313	0.40	ng	#-0.01
13) Acenaphthene-d10	14.321	164	5215	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	23025	0.40	ng	# 0.00
29) Chrysene-d12	21.237	240	404	0.40	ng	# 0.00
36) Perylene-d12	23.425	264	14	0.40	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1666	0.12	ng	0.00
5) Phenol-d6	6.855	99	2843	0.16	ng	0.00
8) Nitrobenzene-d5	8.845	82	4452	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.062	152	9373	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1544	0.91	ng	0.00
15) 2-Fluorobiphenyl	12.951	172	14328	0.74	ng	0.00
27) Fluoranthene-d10	19.091	212	8206	0.13	ng	0.00
31) Terphenyl-d14	19.692	244	19241	21.68	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	41202	5.05	ng	97
3) n-Nitrosodimethylamine	3.658	42	5802	1.06	ng	# 1
6) bis(2-Chloroethyl)ether	7.129	93	720	0.05	ng	# 77
24) Pentachlorophenol	16.763	266	172	0.05	ng	# 1
25) Phenanthrene	17.104	178	1504	0.02	ng	# 84
30) Pyrene	19.484	202	69	0.06	ng	# 70
32) Benzo(a)anthracene	21.258	228	109	0.09	ng	# 1
33) Chrysene	21.258	228	99	0.08	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.162	149	600	1.40	ng	91
37) Benzo(b)fluoranthene	22.747	252	13	0.26	ng	# 1
38) Benzo(k)fluoranthene	22.785	252	88	1.76	ng	# 1
39) Benzo(a)pyrene	23.343	252	186	4.27	ng	# 1
40) Dibenzo(a,h)anthracene	25.657	278	9	0.19	ng	# 1
41) Benzo(g,h,i)perylene	26.310	276	10	0.21	ng	# 1

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

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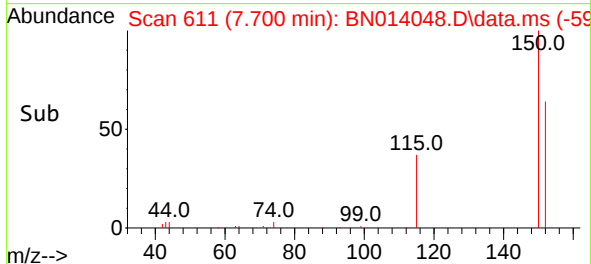
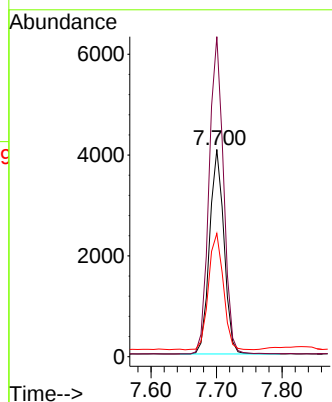
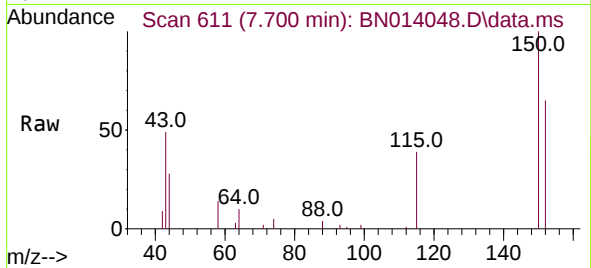




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014048.D
 Acq: 23 Mar 2021 18:30

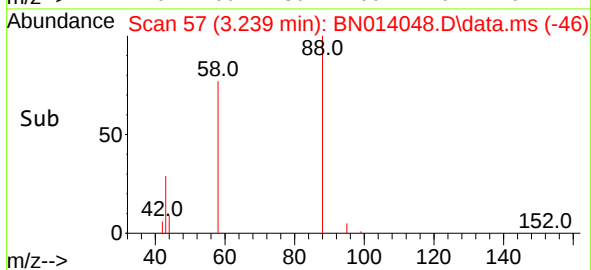
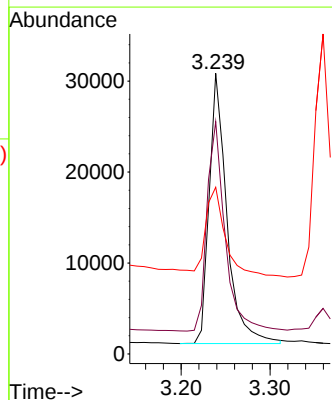
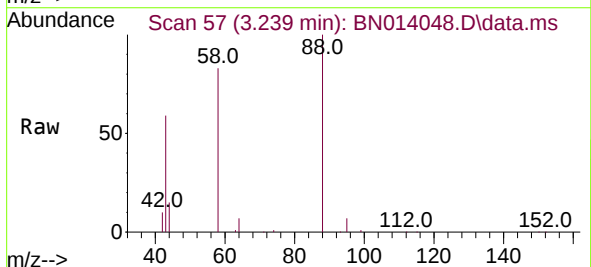
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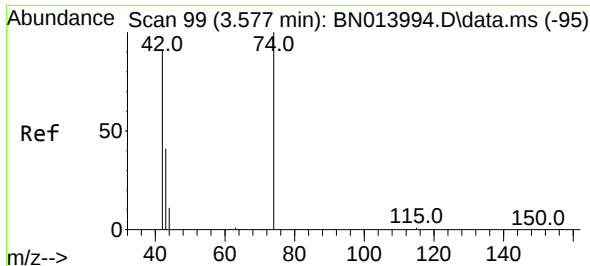
Tgt Ion: 152 Resp: 6187
 Ion Ratio Lower Upper
 152 100
 150 154.5 121.8 182.8
 115 59.5 46.6 69.8



#2
 1,4-Dioxane
 Concen: 5.05 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.007 min
 Lab File: BN014048.D
 Acq: 23 Mar 2021 18:30

Tgt Ion: 88 Resp: 41202
 Ion Ratio Lower Upper
 88 100
 58 78.8 64.6 96.8
 43 35.9 26.6 40.0

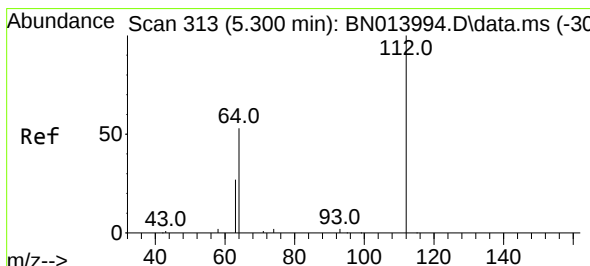
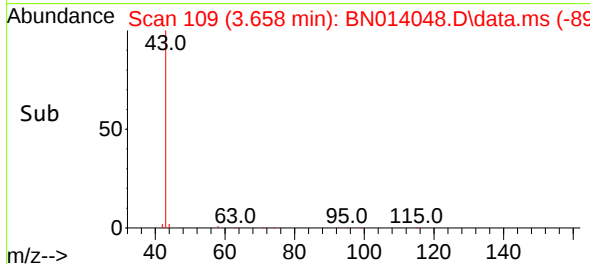
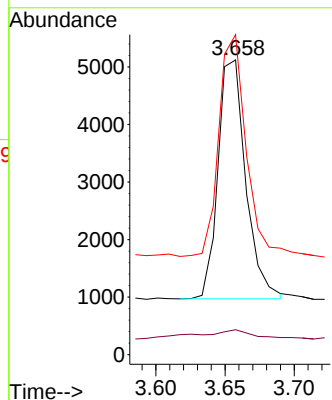
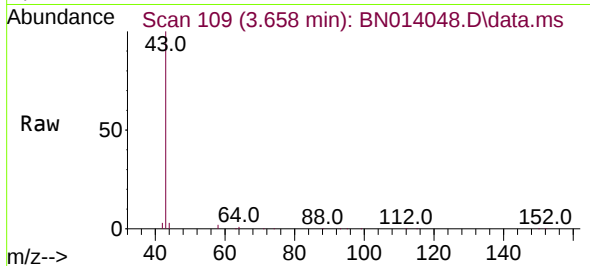




#3
n-Nitrosodimethylamine
Concen: 1.06 ng
RT: 3.658 min Scan# 109
Delta R.T. 0.065 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

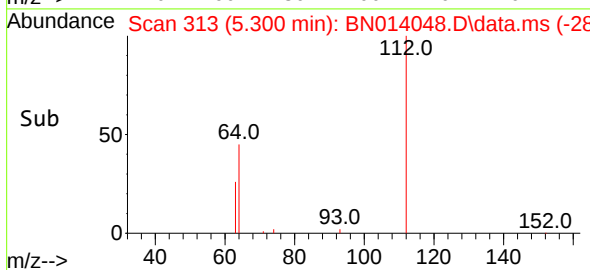
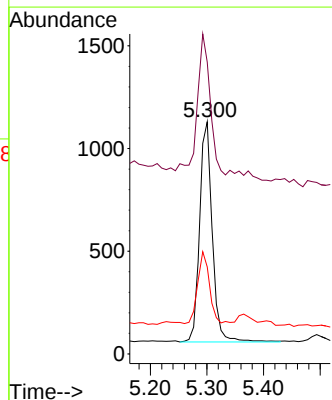
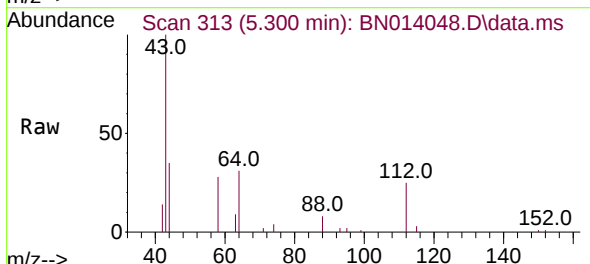
Instrument :
BNA_N
ClientSampleId :
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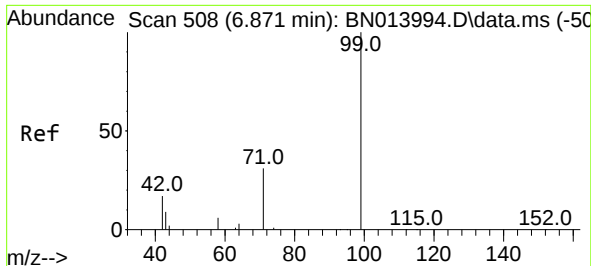
Tgt Ion: 42 Resp: 5802
Ion Ratio Lower Upper
42 100
74 8.5 95.0 142.6#
44 90.2 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.300 min Scan# 313
Delta R.T. 0.009 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Tgt Ion: 112 Resp: 1666
Ion Ratio Lower Upper
112 100
64 65.2 44.3 66.5
63 31.9 23.0 34.6

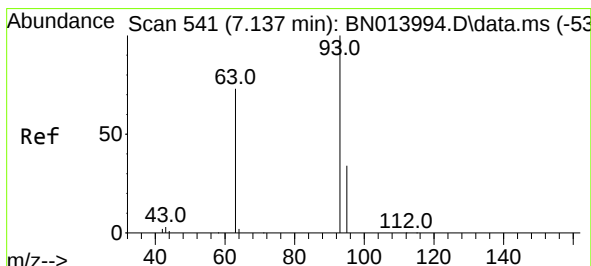
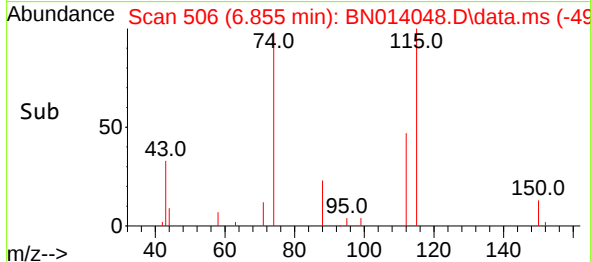
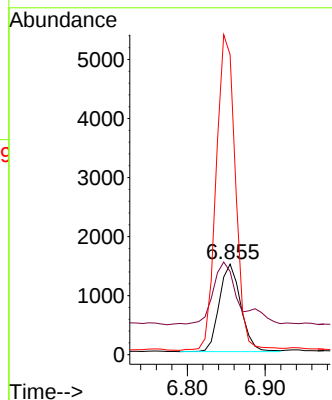
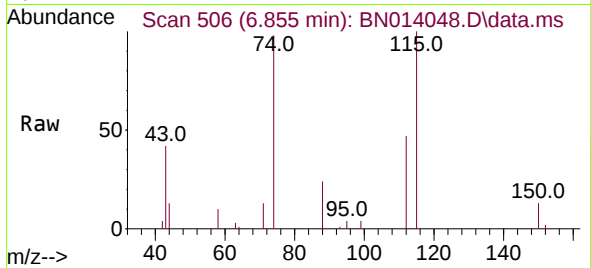




#5
Phenol-d6
Concen: 0.16 ng
RT: 6.855 min Scan# 506
Delta R.T. -0.008 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

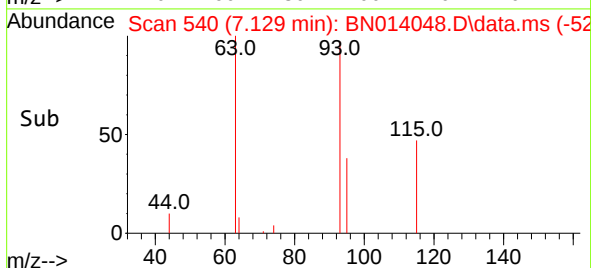
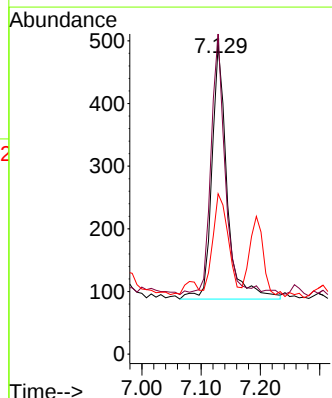
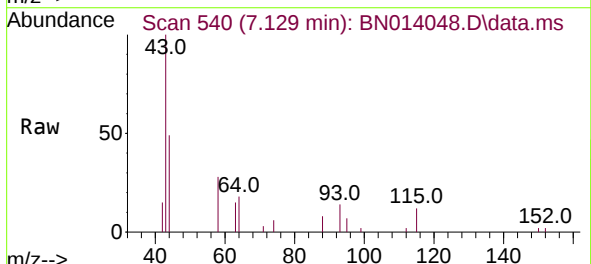
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315

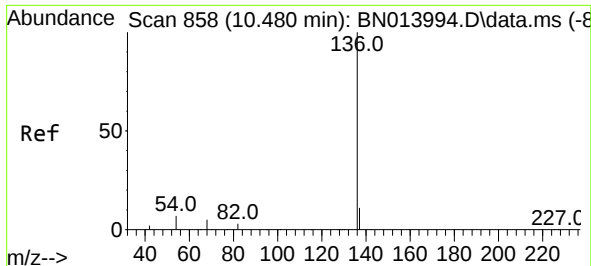
Tgt Ion: 99 Resp: 2843
Ion Ratio Lower Upper
99 100
42 83.6 15.2 22.8#
71 323.1 26.1 39.1#



#6
bis(2-Chloroethyl)ether
Concen: 0.05 ng
RT: 7.129 min Scan# 540
Delta R.T. 0.001 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Tgt Ion: 93 Resp: 720
Ion Ratio Lower Upper
93 100
63 98.8 60.8 91.2#
95 41.1 26.0 39.0#

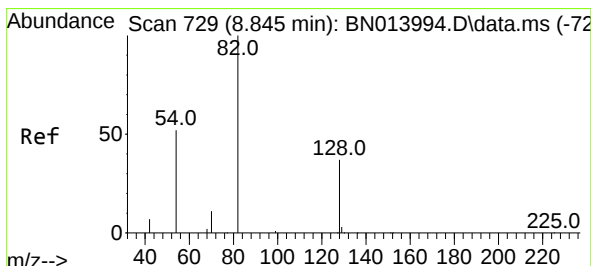
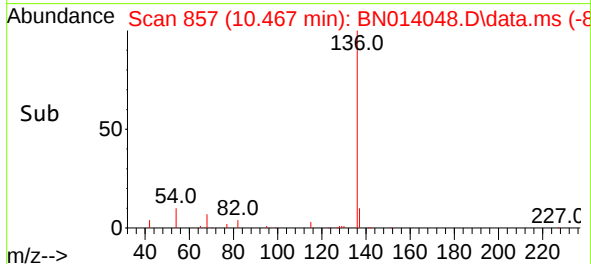
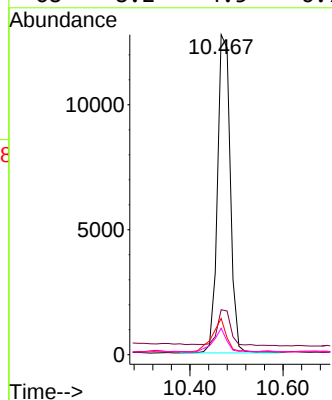
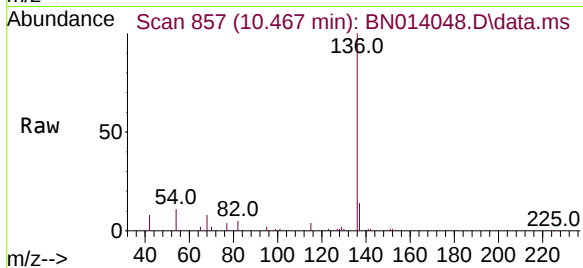




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

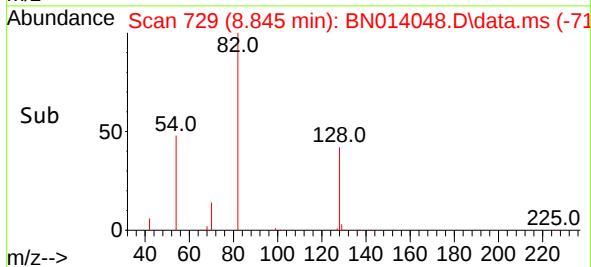
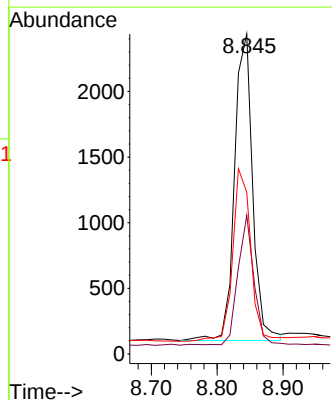
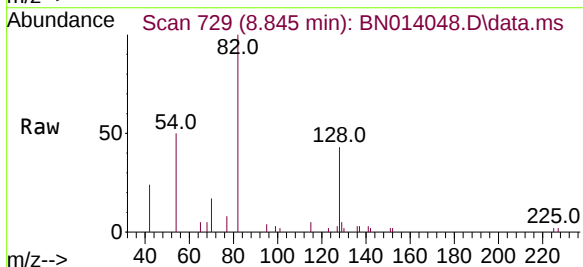
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BNA_N
ClientSampleId :
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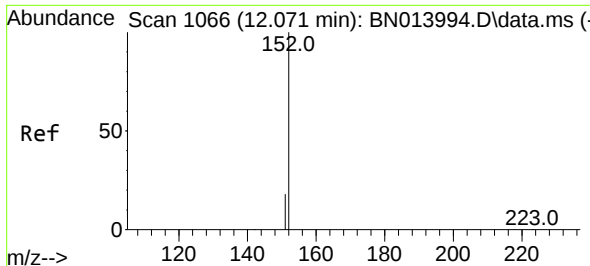
Tgt Ion:	136	Resp:	24313
Ion Ratio	Lower	Upper	
136	100		
137	14.0	9.0	13.6#
54	11.3	6.4	9.6#
68	8.2	4.5	6.7#



#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.845 min Scan# 729
Delta R.T. 0.001 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Tgt Ion:	82	Resp:	4452
Ion Ratio	Lower	Upper	
82	100		
128	43.3	39.2	58.8
54	50.5	40.1	60.1

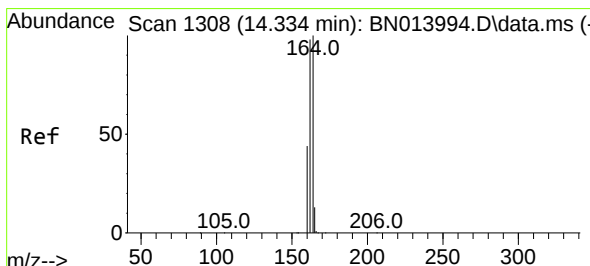
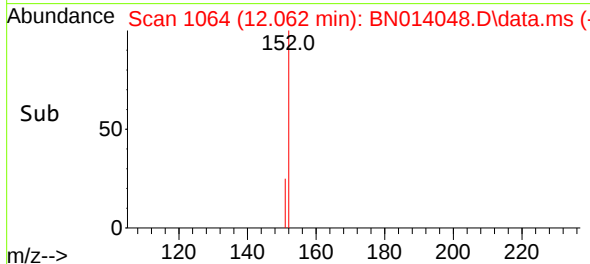
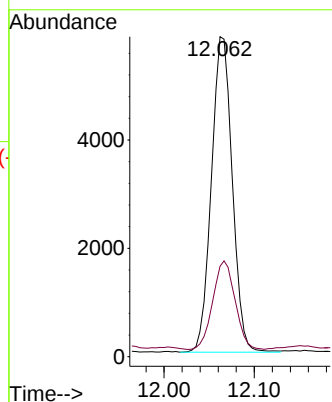
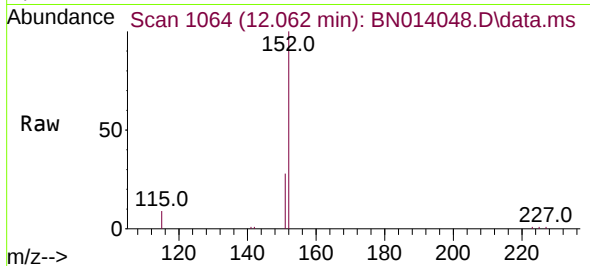




#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 12.062 min Scan# 1064
Delta R.T. -0.004 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

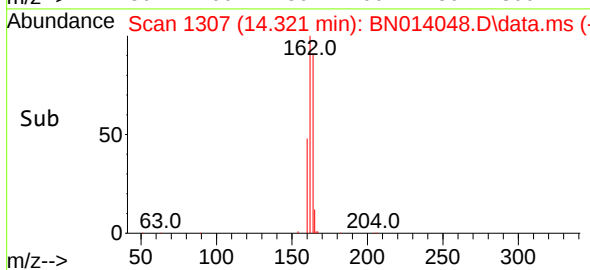
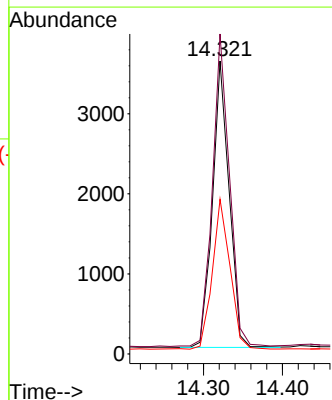
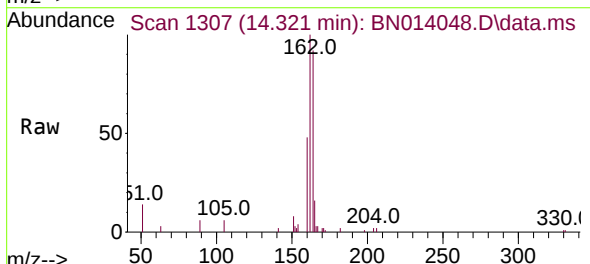
Instrument :
BNA_N
ClientSampleId :
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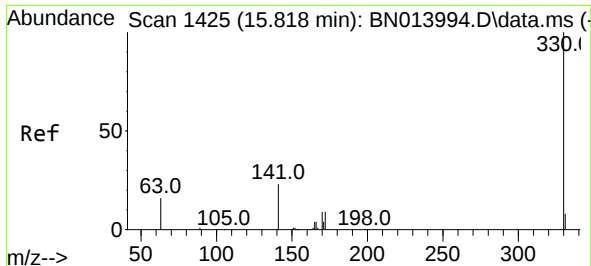
Tgt Ion:152 Resp: 9373
Ion Ratio Lower Upper
152 100
151 30.0 16.2 24.2#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.001 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Tgt Ion:164 Resp: 5215
Ion Ratio Lower Upper
164 100
162 109.2 79.6 119.4
160 52.8 36.0 54.0

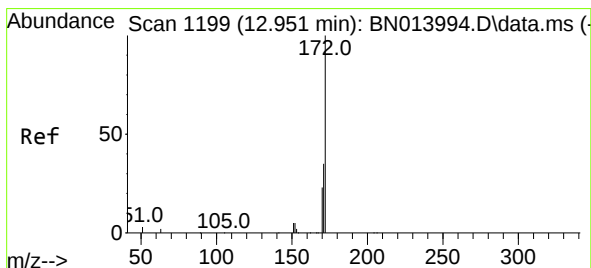
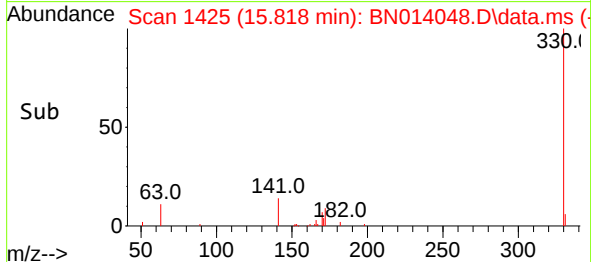
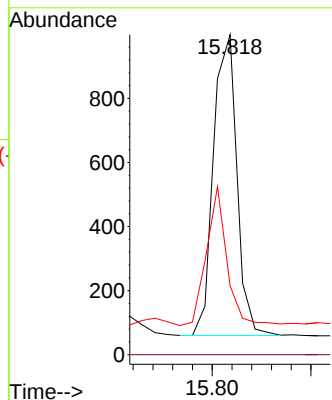
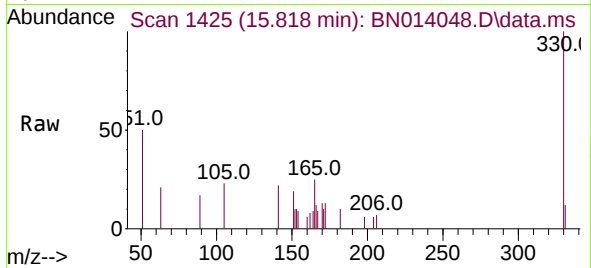




#14
2,4,6-Tribromophenol
Concen: 0.91 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.001 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

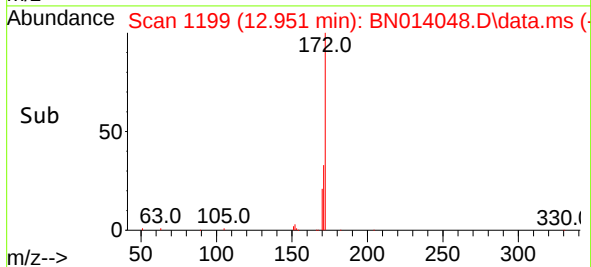
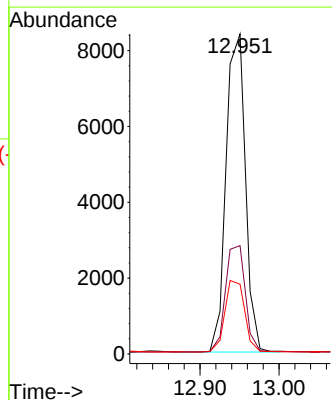
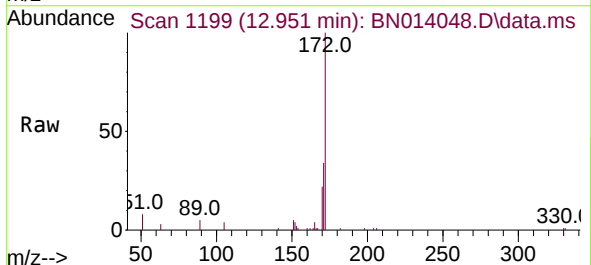
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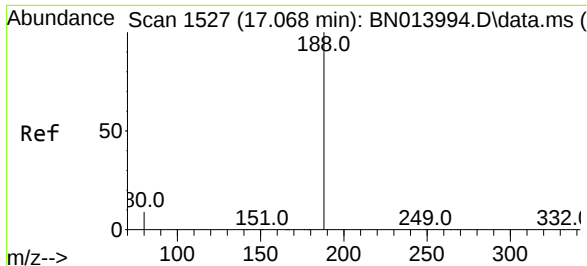
Tgt Ion: 330 Resp: 1544
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.3 26.8 40.2#



#15
2-Fluorobiphenyl
Concen: 0.74 ng
RT: 12.951 min Scan# 1199
Delta R.T. 0.001 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

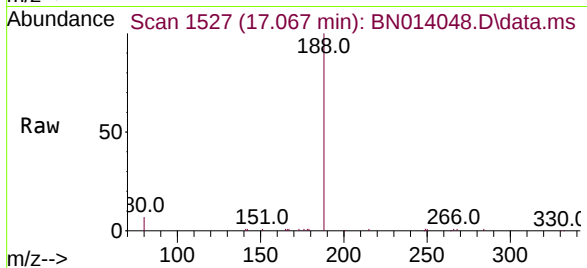
Tgt Ion: 172 Resp: 14328
Ion Ratio Lower Upper
172 100
171 33.8 28.6 42.8
170 21.8 18.9 28.3



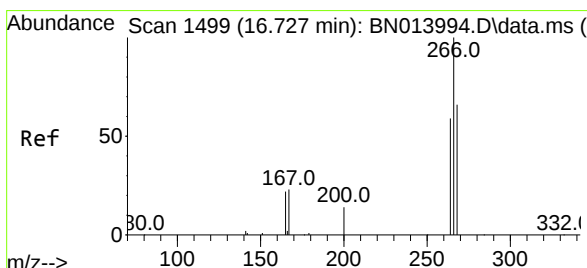
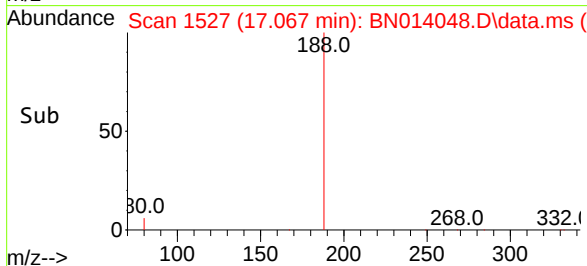
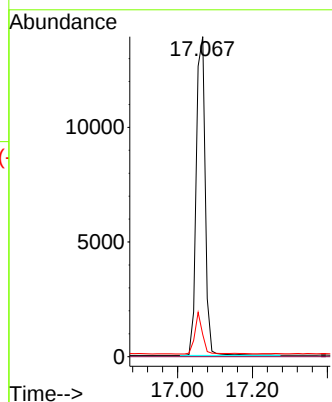


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315

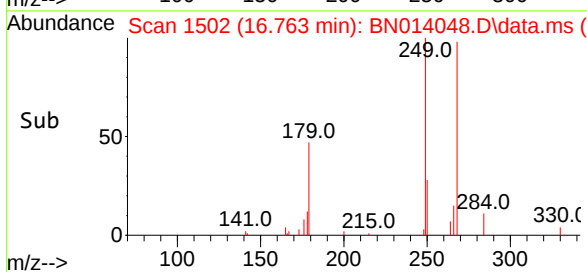
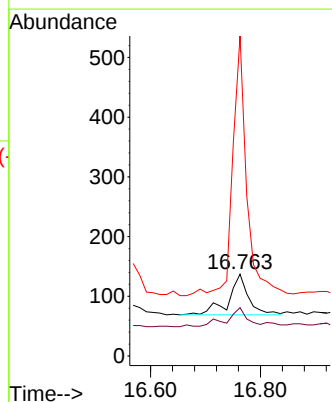
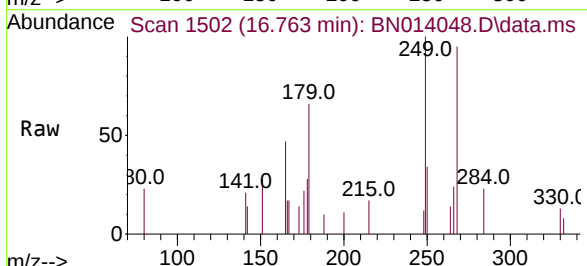


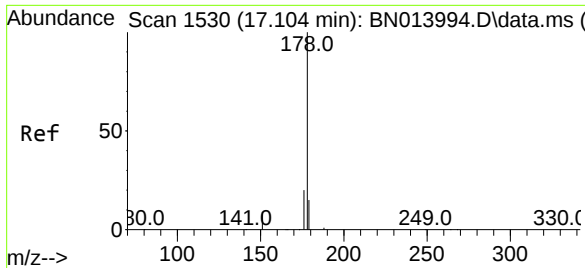
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	9.0	13.6#



#24
Pentachlorophenol
Concen: 0.05 ng
RT: 16.763 min Scan# 1502
Delta R.T. 0.037 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Tgt Ion	Ratio	Lower	Upper
266	100		
264	48.3	51.6	77.4#
268	454.1	54.6	82.0#

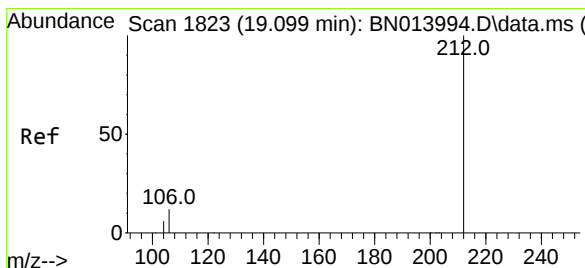
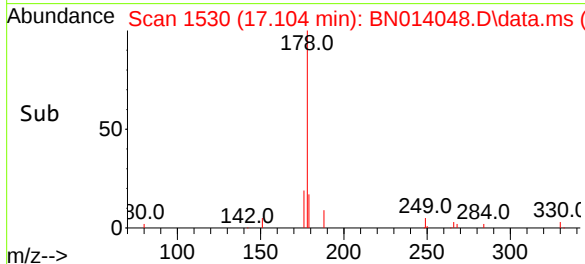
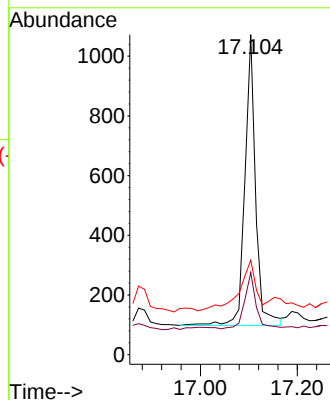
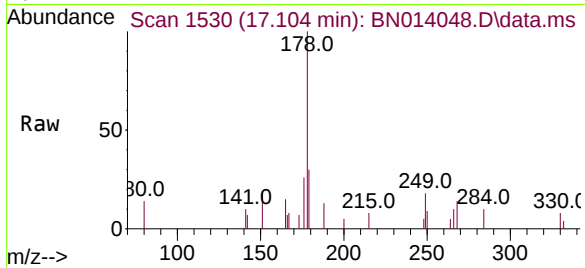




#25
Phenanthrene
Concen: 0.02 ng
RT: 17.104 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

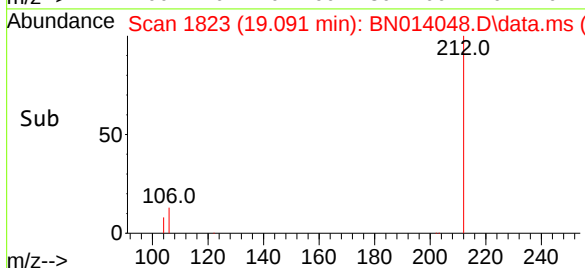
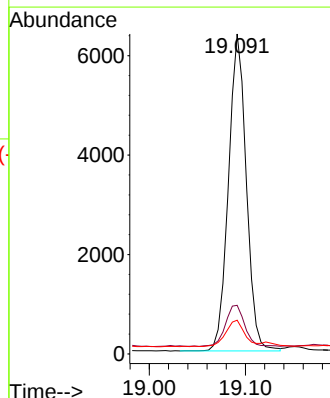
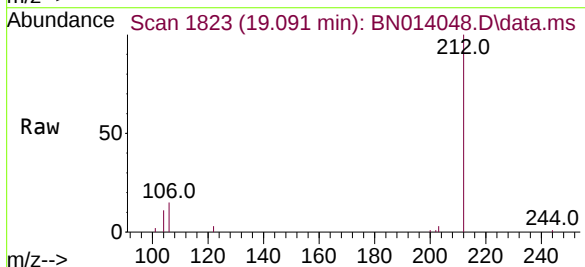
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315

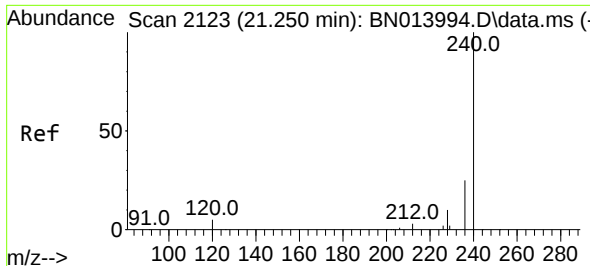
Tgt Ion:178	Resp:	1504
Ion Ratio	Lower	Upper
178	100	
176	20.8	15.0 22.4
179	28.2	12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.13 ng
RT: 19.091 min Scan# 1823
Delta R.T. 0.003 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Tgt Ion:212	Resp:	8206
Ion Ratio	Lower	Upper
212	100	
106	13.8	9.7 14.5
104	8.5	5.5 8.3#

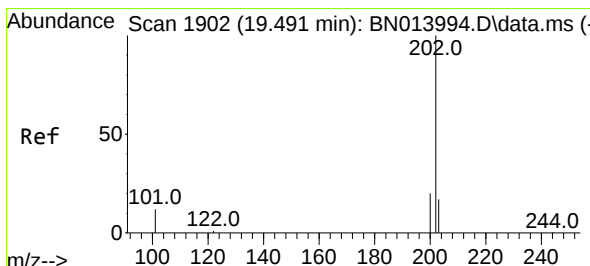
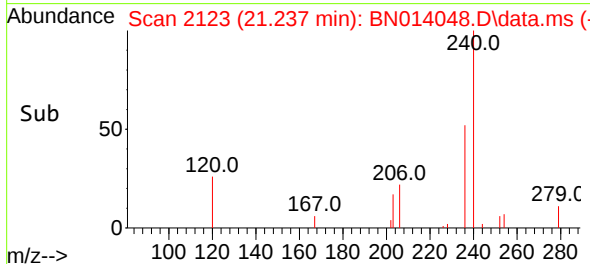
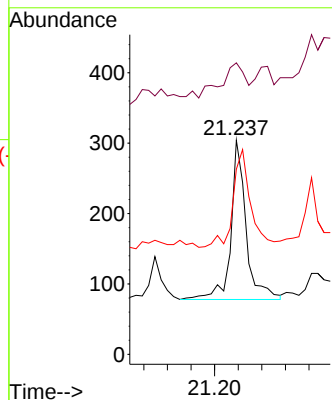
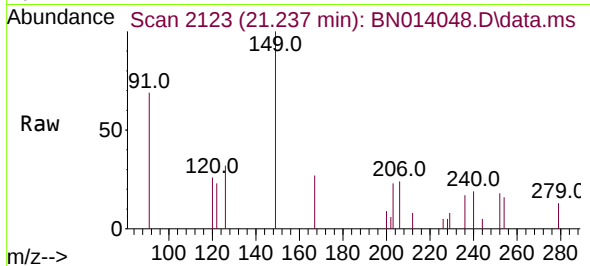




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.237 min Scan# 2123
Delta R.T. -0.002 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

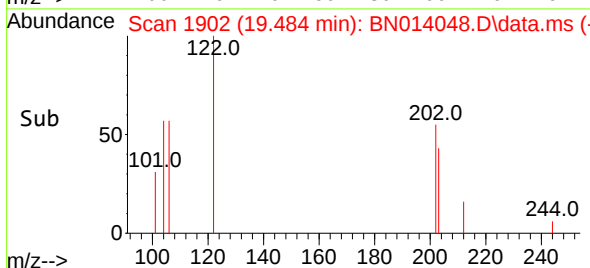
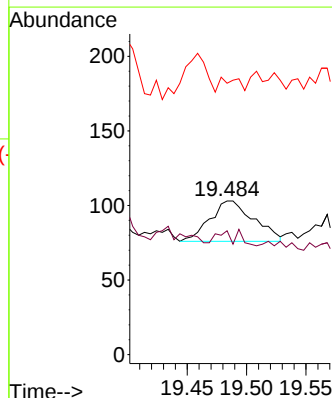
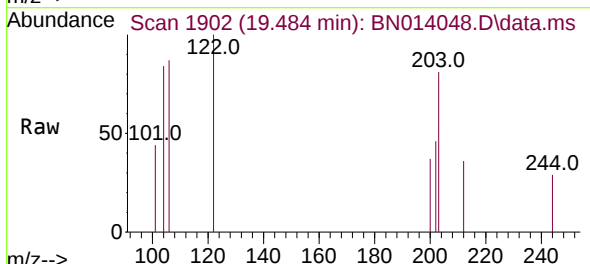
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315

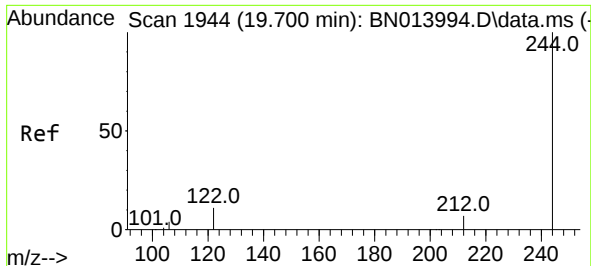
Tgt Ion:240 Resp: 404
Ion Ratio Lower Upper
240 100
120 136.2 10.2 15.4#
236 86.5 21.3 31.9#



#30
Pyrene
Concen: 0.06 ng
RT: 19.484 min Scan# 1902
Delta R.T. -0.002 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Tgt Ion:202 Resp: 69
Ion Ratio Lower Upper
202 100
200 10.1 16.3 24.5#
203 0.0 14.0 21.0#

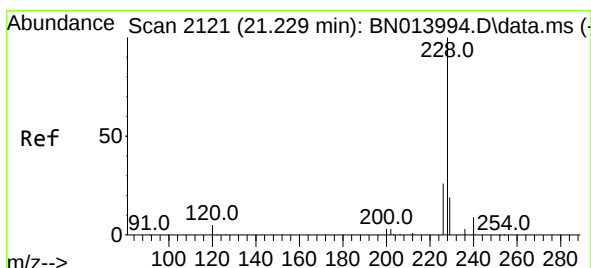
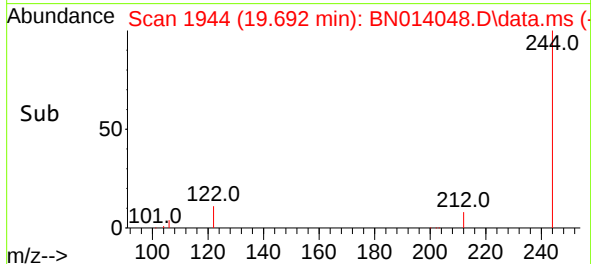
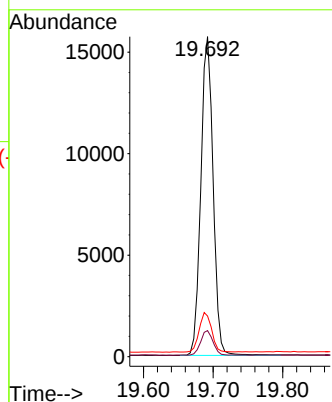
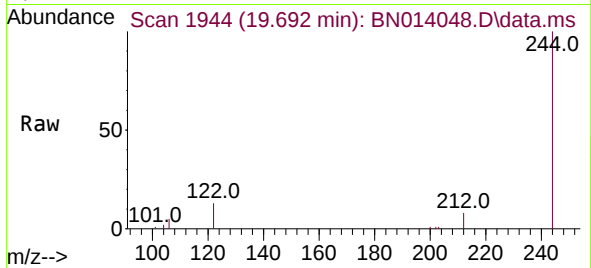




#31
Terphenyl-d14
Concen: 21.68 ng
RT: 19.692 min Scan# 1944
Delta R.T. 0.003 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

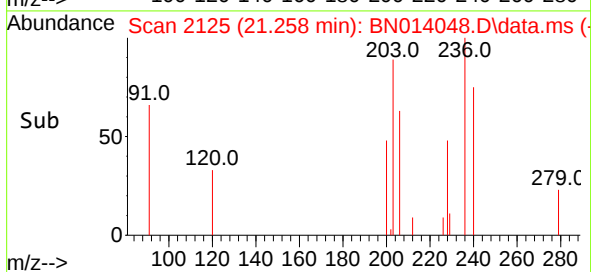
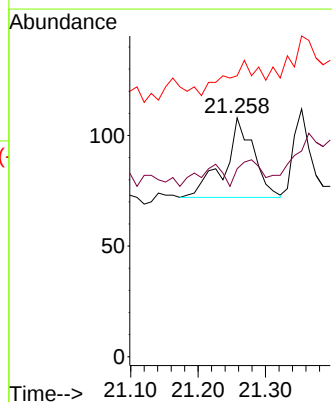
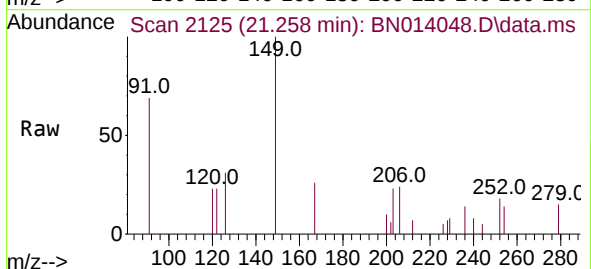
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315

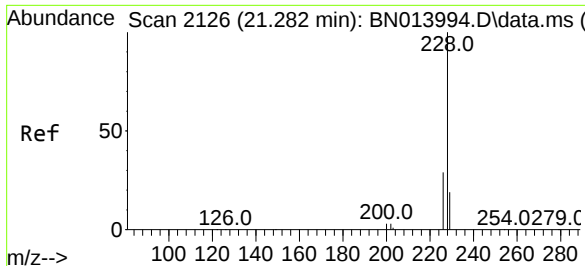
Tgt Ion:244 Resp: 19241
Ion Ratio Lower Upper
244 100
212 8.1 6.1 9.1
122 12.7 9.8 14.8



#32
Benzo(a)anthracene
Concen: 0.09 ng
RT: 21.258 min Scan# 2125
Delta R.T. 0.040 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Tgt Ion:228 Resp: 109
Ion Ratio Lower Upper
228 100
226 78.7 20.5 30.7#
229 117.6 16.2 24.4#

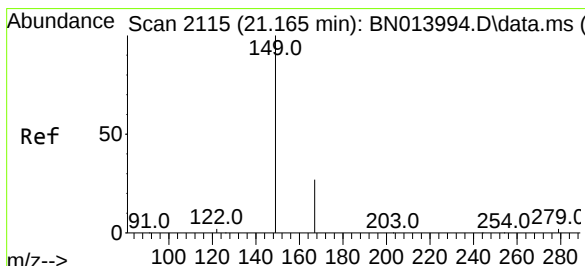
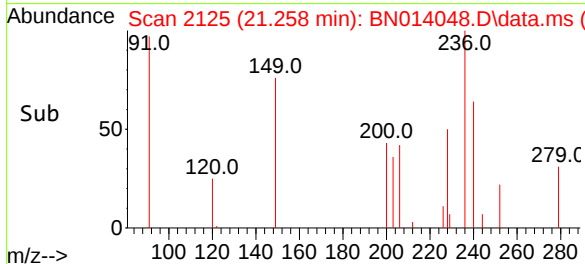
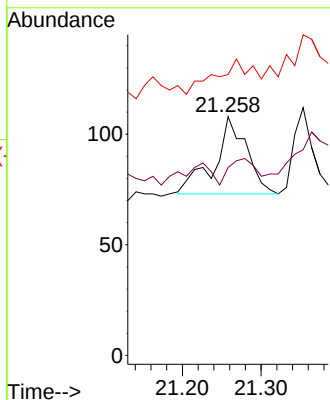
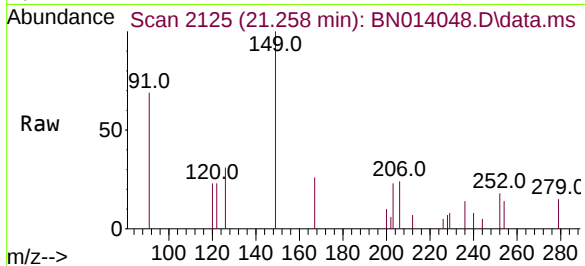




#33
Chrysene
Concen: 0.08 ng
RT: 21.258 min Scan# 2125
Delta R.T. -0.013 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

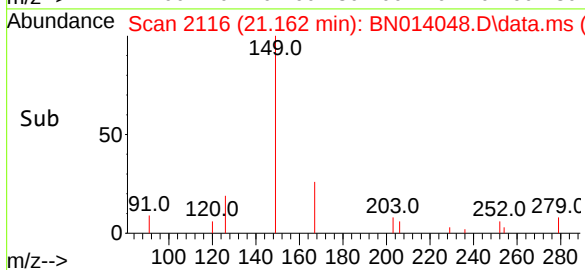
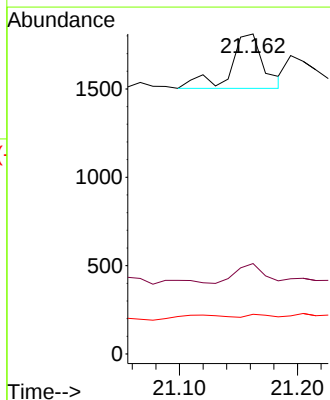
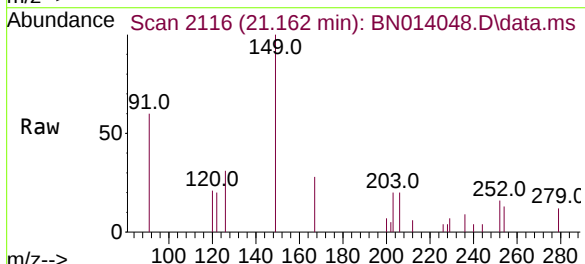
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315

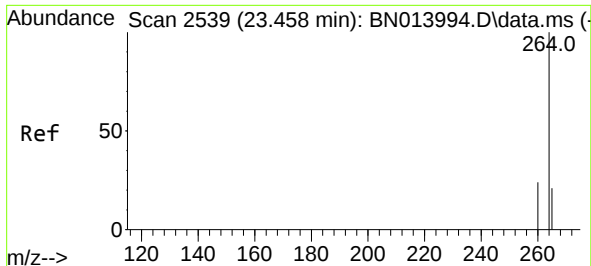
Tgt Ion:228 Resp: 99
Ion Ratio Lower Upper
228 100
226 78.7 24.3 36.5#
229 117.6 15.1 22.7#



#34
Bis(2-ethylhexyl)phthalate
Concen: 1.40 ng
RT: 21.162 min Scan# 2116
Delta R.T. 0.008 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Tgt Ion:149 Resp: 600
Ion Ratio Lower Upper
149 100
167 32.7 22.1 33.1
279 3.8 3.5 5.3

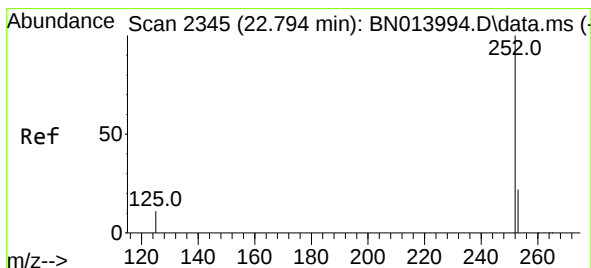
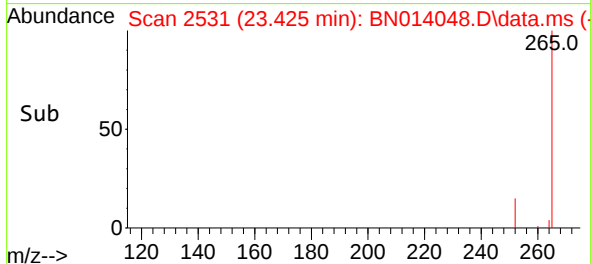
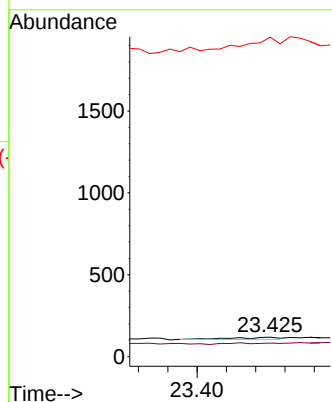
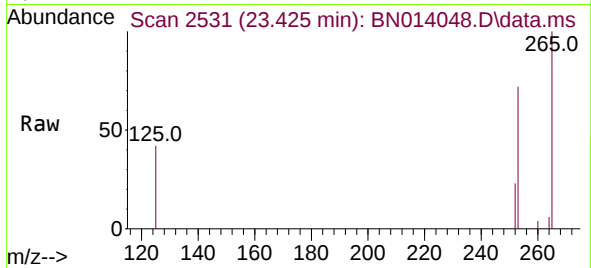




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.425 min Scan# 2531
 Delta R.T. -0.023 min
 Lab File: BN014048.D
 Acq: 23 Mar 2021 18:30

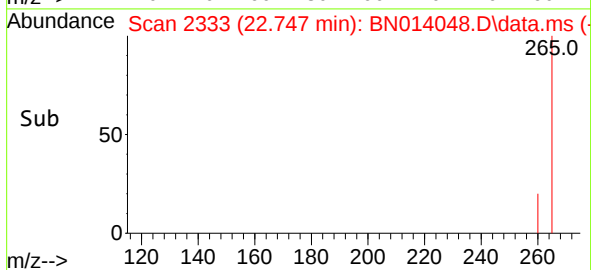
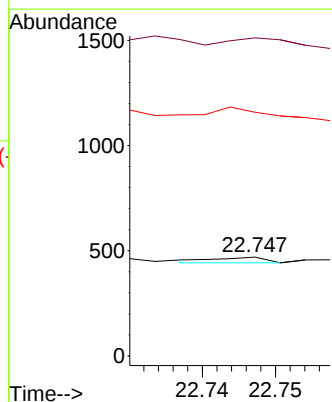
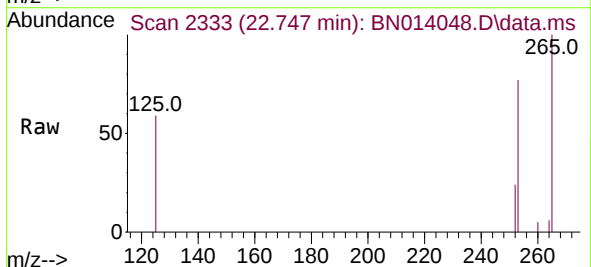
Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20210315

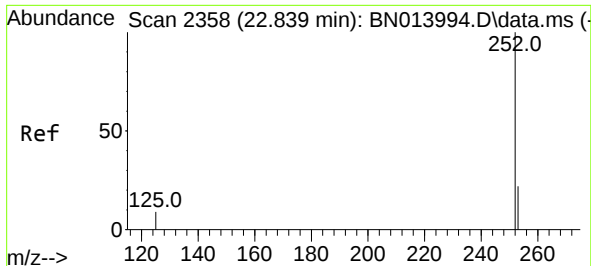
Tgt Ion:264 Resp: 14
 Ion Ratio Lower Upper
 264 100
 260 69.7 19.3 28.9#
 265 1639.5 66.2 99.4#



#37
 Benzo(b)fluoranthene
 Concen: 0.26 ng
 RT: 22.747 min Scan# 2333
 Delta R.T. -0.036 min
 Lab File: BN014048.D
 Acq: 23 Mar 2021 18:30

Tgt Ion:252 Resp: 13
 Ion Ratio Lower Upper
 252 100
 253 321.7 20.4 30.6#
 125 246.4 11.6 17.4#

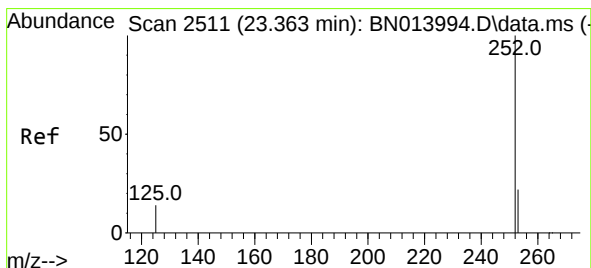
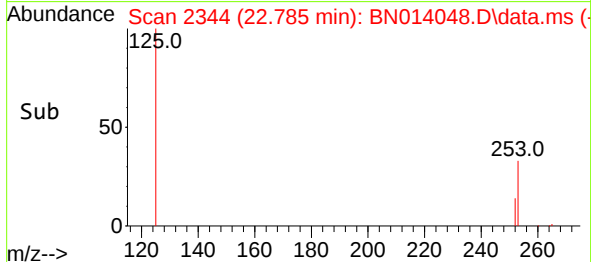
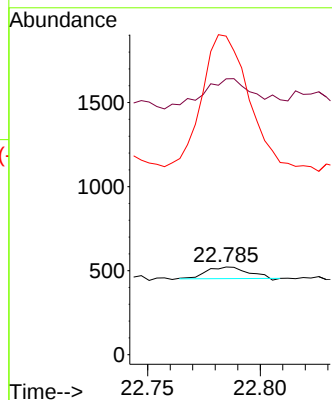
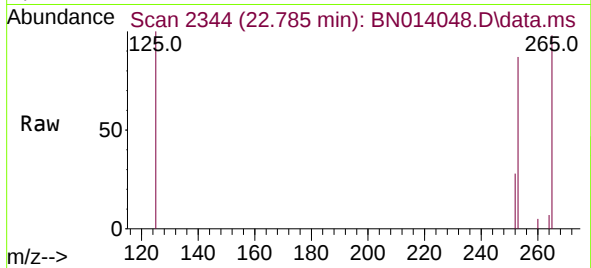




#38
Benzo(k)fluoranthene
Concen: 1.76 ng
RT: 22.785 min Scan# 2344
Delta R.T. -0.043 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

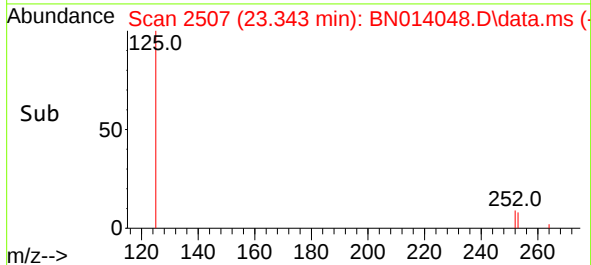
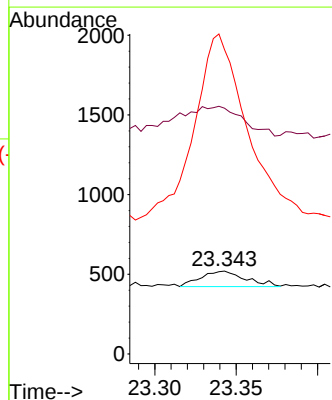
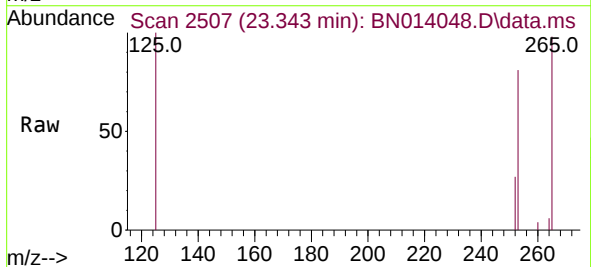
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315

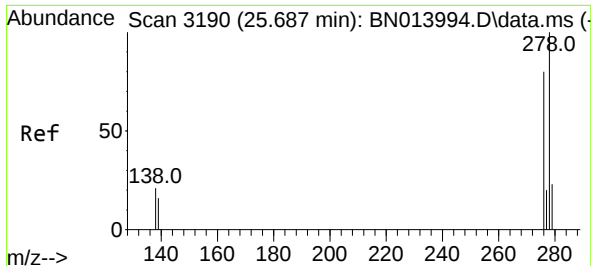
Tgt Ion:252 Resp: 88
Ion Ratio Lower Upper
252 100
253 314.4 20.5 30.7#
125 363.0 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 4.27 ng
RT: 23.343 min Scan# 2507
Delta R.T. -0.009 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Tgt Ion:252 Resp: 186
Ion Ratio Lower Upper
252 100
253 296.5 21.8 32.6#
125 367.3 14.6 21.8#

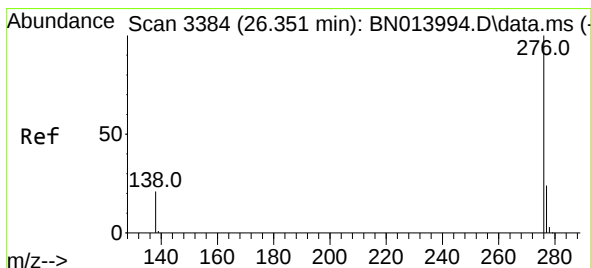
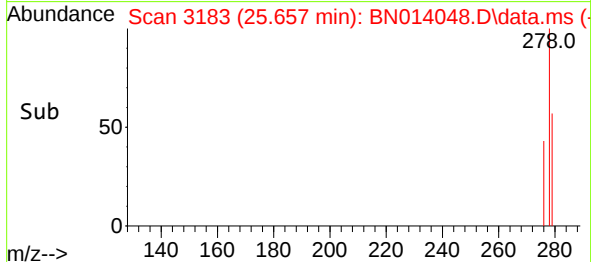
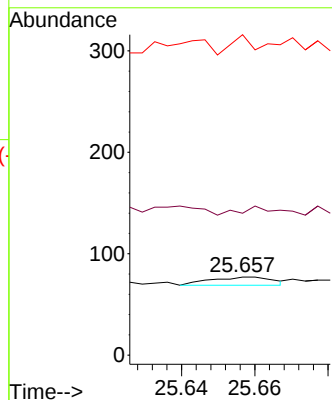
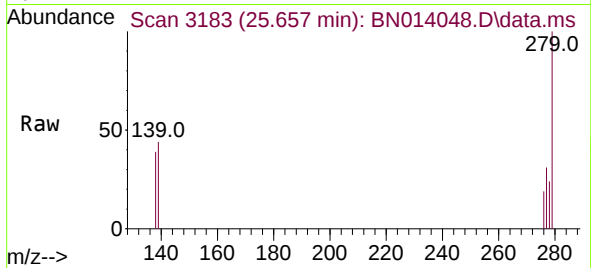




#40
Dibenzo(a,h)anthracene
Concen: 0.19 ng
RT: 25.657 min Scan# 3183
Delta R.T. -0.012 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315

Tgt Ion:278 Resp: 9
Ion Ratio Lower Upper
278 100
139 181.8 13.1 19.7#
279 410.4 21.4 32.0#



#41
Benzo(g,h,i)perylene
Concen: 0.21 ng
RT: 26.310 min Scan# 3374
Delta R.T. -0.019 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Tgt Ion:276 Resp: 10
Ion Ratio Lower Upper
276 100
277 143.3 20.0 30.0#
138 170.1 17.8 26.8#

