

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
 Data File : BN021452.D
 Acq On : 30 Aug 2022 11:07
 Operator : CG/JU
 Sample : PB147332BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB147332BL

Quant Time: Aug 31 01:19:09 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

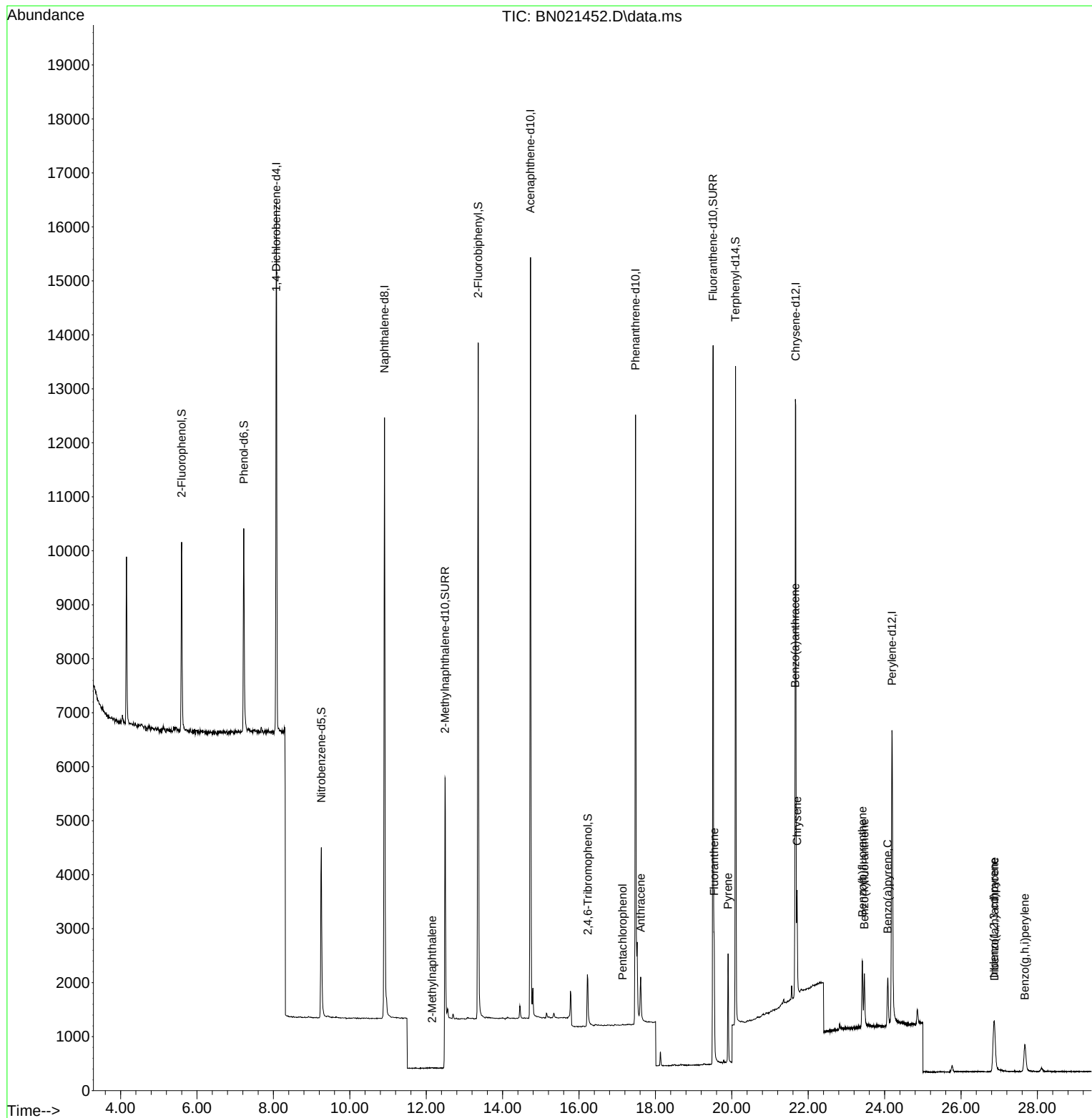
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	4939	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	15205	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	7979	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	16320	0.400	ng	0.00
29) Chrysene-d12	21.673	240	11192	0.400	ng	0.00
35) Perylene-d12	24.191	264	8877	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	3282	0.340	ng	0.00
5) Phenol-d6	7.224	99	4223	0.343	ng	0.00
8) Nitrobenzene-d5	9.254	82	3099	0.302	ng	0.00
11) 2-Methylnaphthalene-d10	12.493	152	11413	0.333	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	701	0.268	ng	0.01
15) 2-Fluorobiphenyl	13.360	172	11514	0.330	ng	0.00
27) Fluoranthene-d10	19.510	212	14897	0.355	ng	0.00
31) Terphenyl-d14	20.097	244	11069	0.440	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.153	142	2	0.127	ng	# 1
24) Pentachlorophenol	17.142	266	18	0.207	ng	# 87
26) Anthracene	17.613	178	977	0.022	ng	99
28) Fluoranthene	19.539	202	1889	0.032	ng	98
30) Pyrene	19.902	202	1862	0.031	ng	93
32) Benzo(a)anthracene	21.655	228	1303	0.033	ng	92
33) Chrysene	21.709	228	1612	0.035	ng	96
36) Indeno(1,2,3-cd)pyrene	26.860	276	1471	0.037	ng	96
37) Benzo(b)fluoranthene	23.419	252	1580	0.036	ng	# 59
38) Benzo(k)fluoranthene	23.469	252	1356	0.031	ng	# 59
39) Benzo(a)pyrene	24.083	252	1125	0.037	ng	# 12
40) Dibenzo(a,h)anthracene	26.878	278	1099	0.034	ng	# 72
41) Benzo(g,h,i)perylene	27.670	276	1301	0.037	ng	# 79

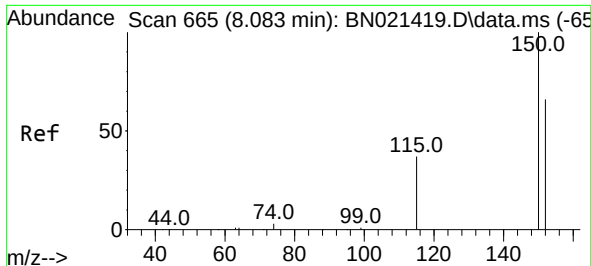
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
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Quant Time: Aug 31 01:19:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration

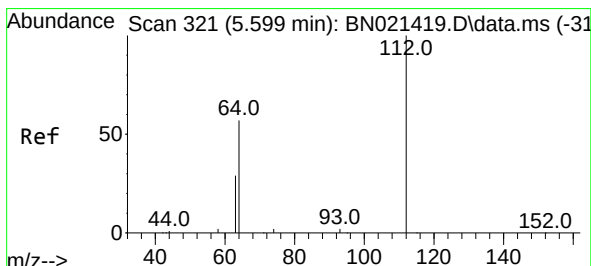
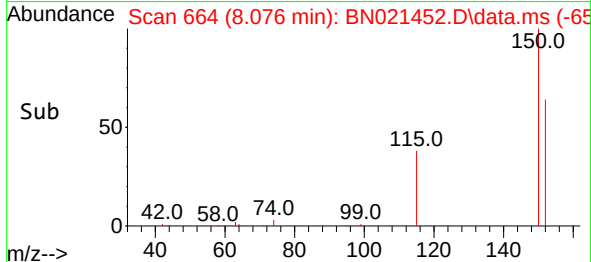
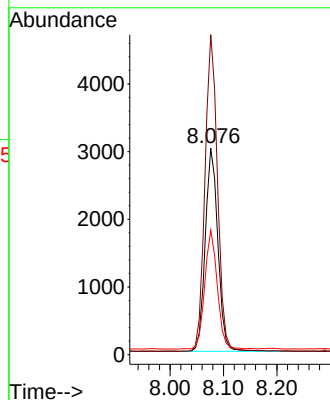
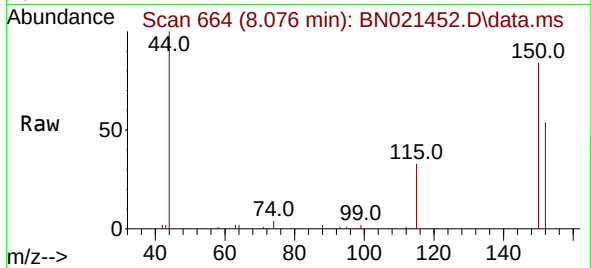




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.076 min Scan# 60
Delta R.T. -0.007 min
Lab File: BN021452.D
Acq: 30 Aug 2022 11:07

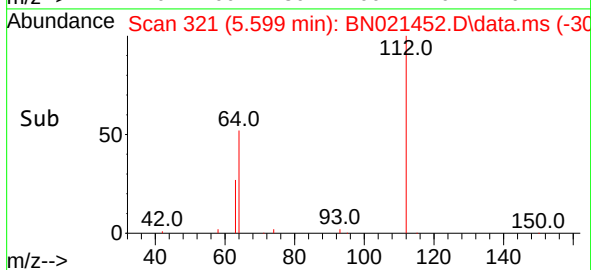
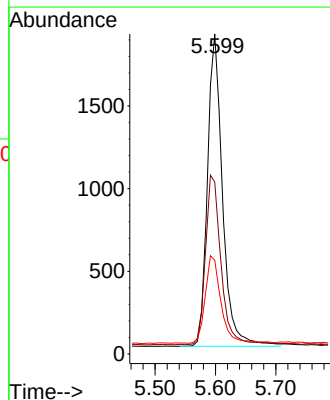
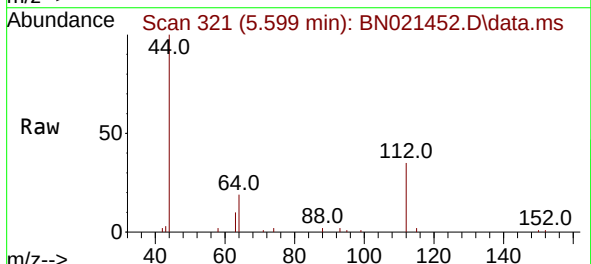
Instrument :
BNA_N
ClientSampleId :
PB147332BL

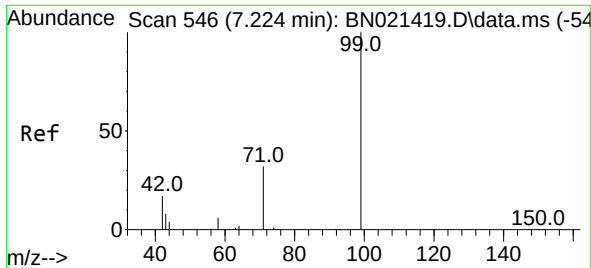
Tgt Ion:152 Resp: 4939
Ion Ratio Lower Upper
152 100
150 154.9 121.4 182.0
115 60.3 48.6 72.8



#4
2-Fluorophenol
Concen: 0.340 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021452.D
Acq: 30 Aug 2022 11:07

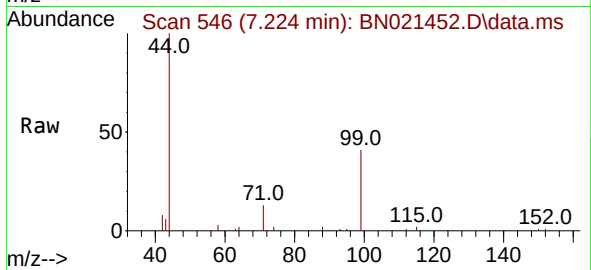
Tgt Ion:112 Resp: 3282
Ion Ratio Lower Upper
112 100
64 56.1 43.5 65.3
63 29.3 22.6 34.0



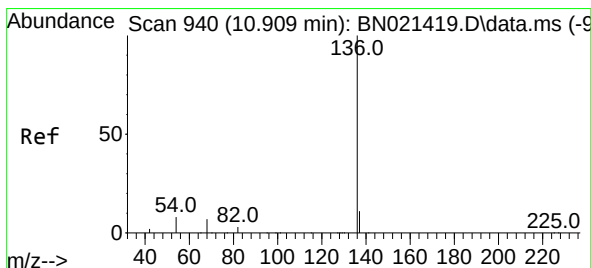
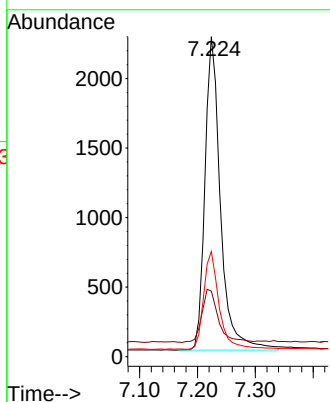
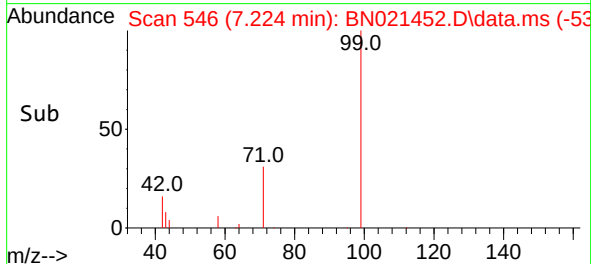


#5
Phenol-d6
Concen: 0.343 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021452.D
Acq: 30 Aug 2022 11:07

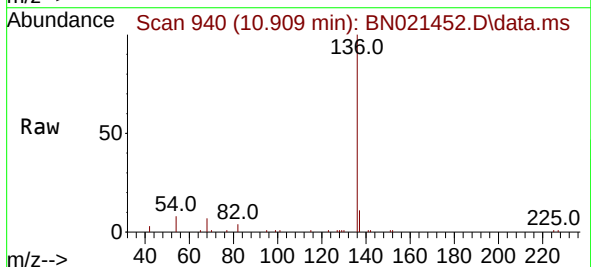
Instrument :
BNA_N
ClientSampleId :
PB147332BL



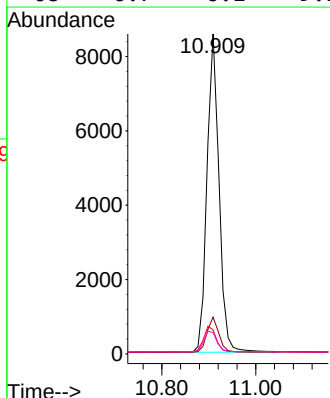
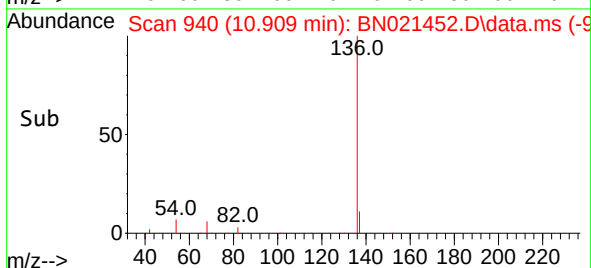
Tgt Ion:	99	Resp:	4223
Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.5	23.3
71	31.3	24.2	36.2

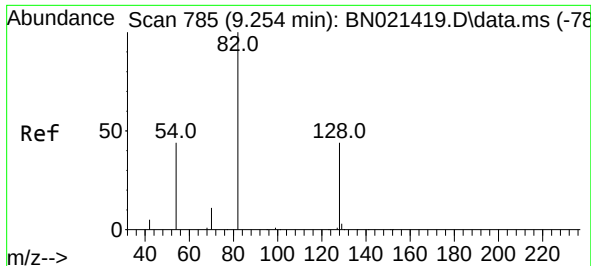


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021452.D
Acq: 30 Aug 2022 11:07



Tgt Ion:	136	Resp:	15205
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	7.5	6.9	10.3
68	6.7	6.1	9.1

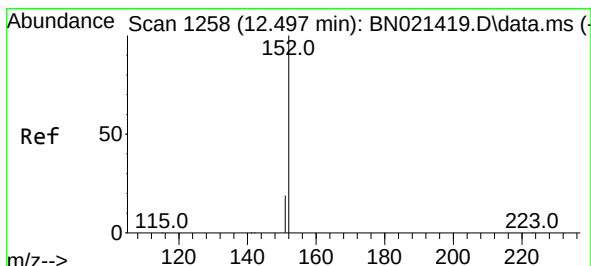
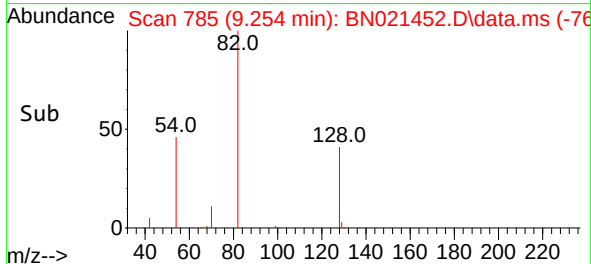
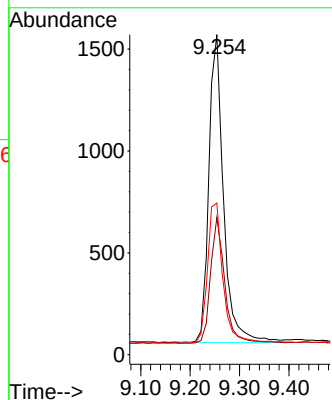
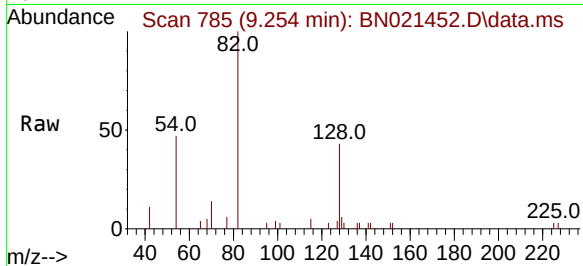




#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021452.D
Acq: 30 Aug 2022 11:07

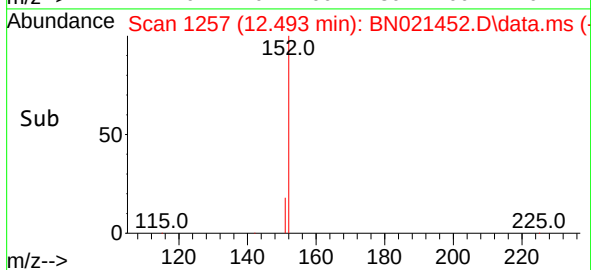
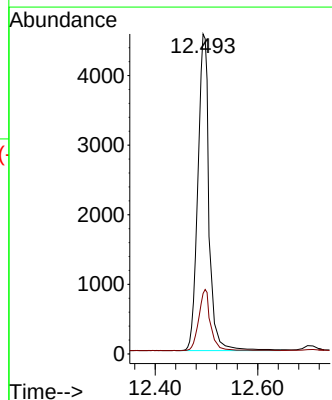
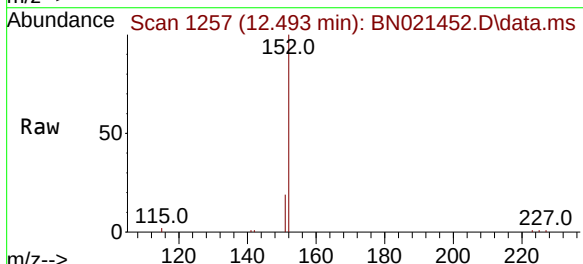
Instrument :
BNA_N
ClientSampleId :
PB147332BL

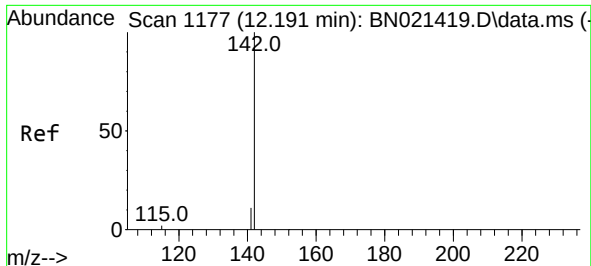
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	30.9	46.3
54	47.4	42.7	64.1



#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.493 min Scan# 1257
Delta R.T. -0.004 min
Lab File: BN021452.D
Acq: 30 Aug 2022 11:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	14.5	21.7





#12

2-Methylnaphthalene

Concen: 0.127 ng

RT: 12.153 min Scan# 1167

Delta R.T. -0.038 min

Lab File: BN021452.D

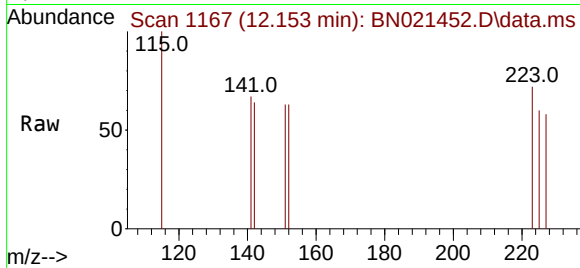
Acq: 30 Aug 2022 11:07

Instrument :

BNA_N

ClientSampleId :

PB147332BL



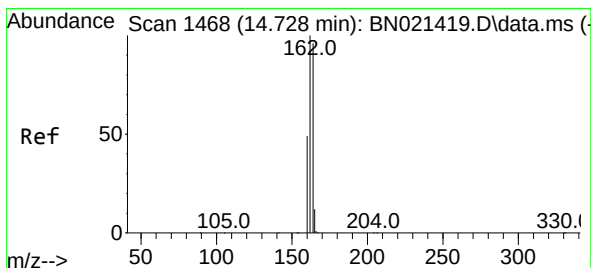
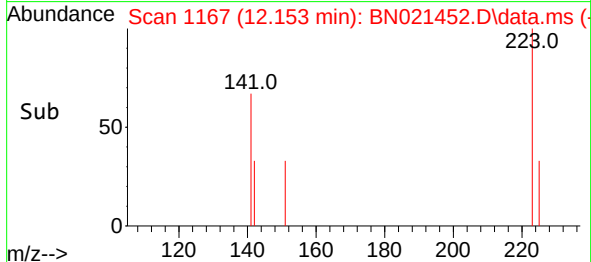
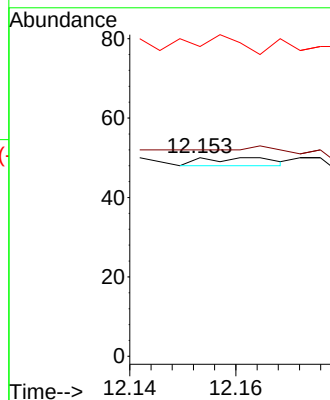
Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

142 100

141 104.0 12.2 18.2#

115 156.0 7.9 11.9#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.728 min Scan# 1468

Delta R.T. 0.000 min

Lab File: BN021452.D

Acq: 30 Aug 2022 11:07

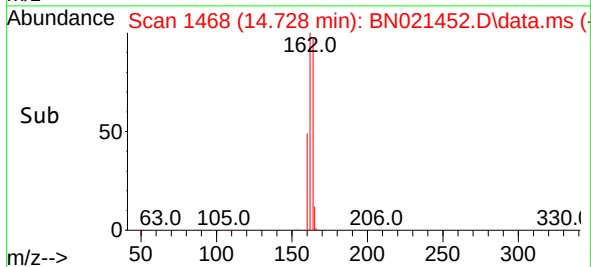
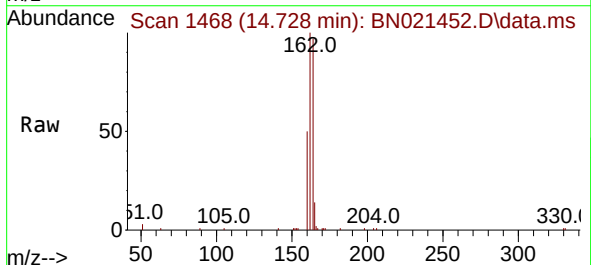
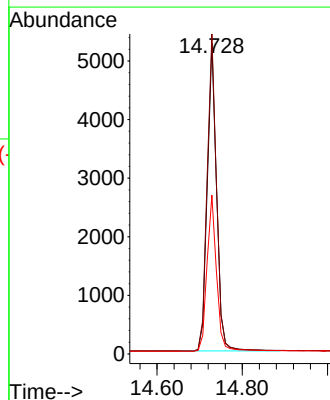
Tgt Ion:164 Resp: 7979

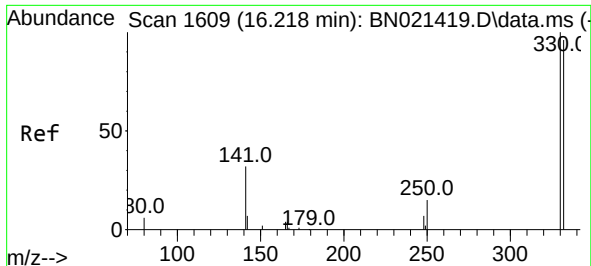
Ion Ratio Lower Upper

164 100

162 103.1 82.2 123.4

160 51.1 39.5 59.3

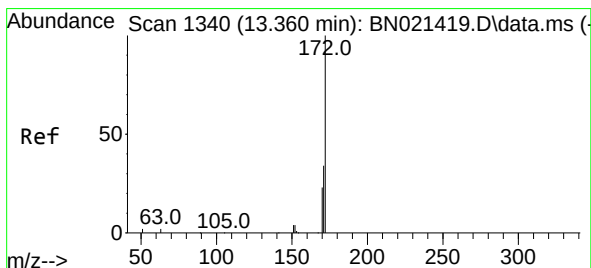
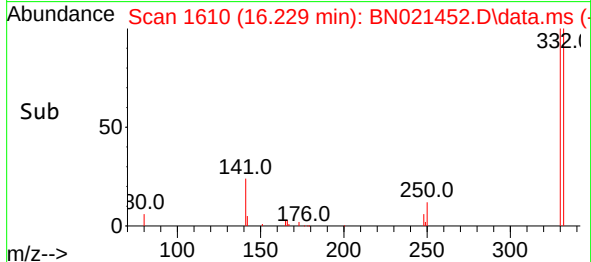
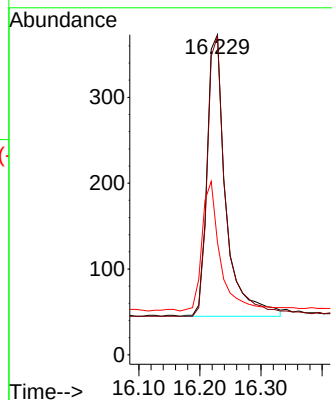
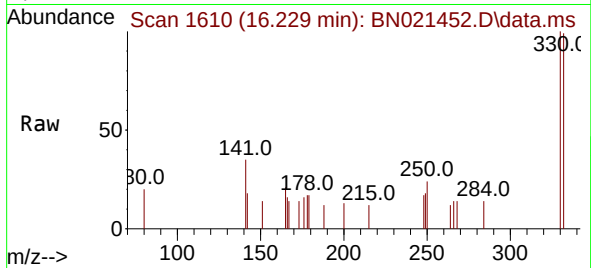




#14
 2,4,6-Tribromophenol
 Concen: 0.268 ng
 RT: 16.229 min Scan# 1610
 Delta R.T. 0.011 min
 Lab File: BN021452.D
 Acq: 30 Aug 2022 11:07

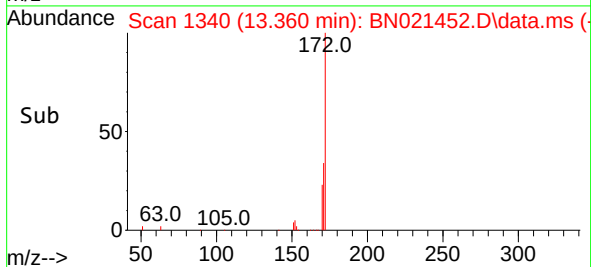
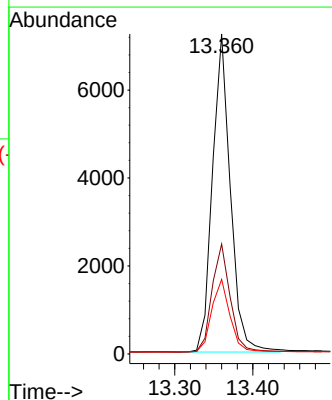
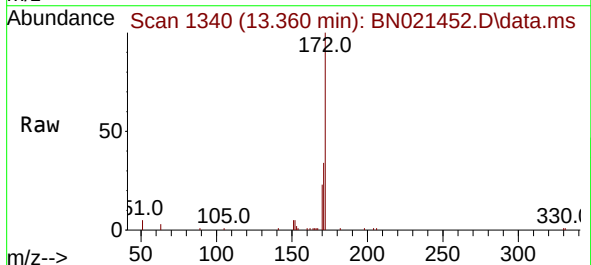
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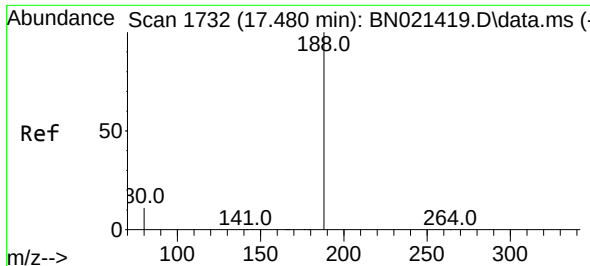
Tgt Ion:330 Resp: 701
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.3 118.9
 141 45.2 37.1 55.7



#15
 2-Fluorobiphenyl
 Concen: 0.330 ng
 RT: 13.360 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: BN021452.D
 Acq: 30 Aug 2022 11:07

Tgt Ion:172 Resp: 11514
 Ion Ratio Lower Upper
 172 100
 171 34.4 27.8 41.6
 170 23.3 18.6 28.0

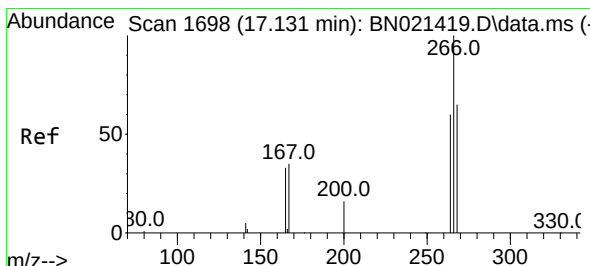
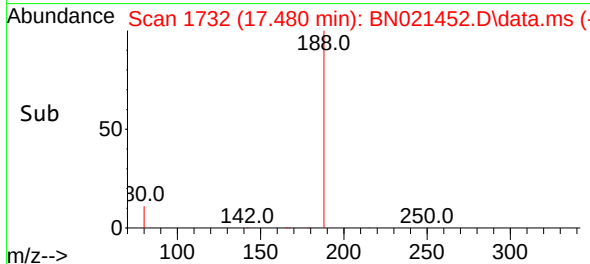
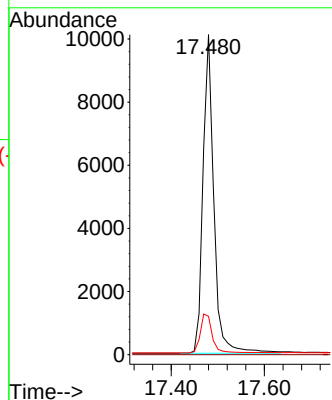
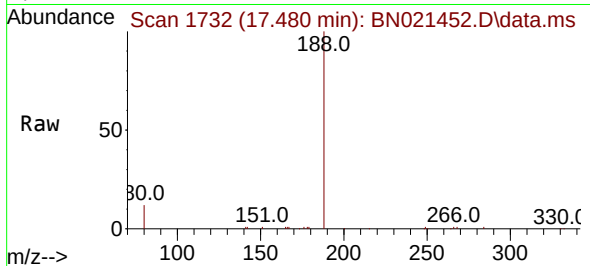




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021452.D
Acq: 30 Aug 2022 11:07

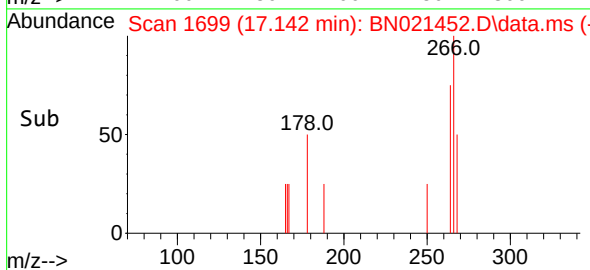
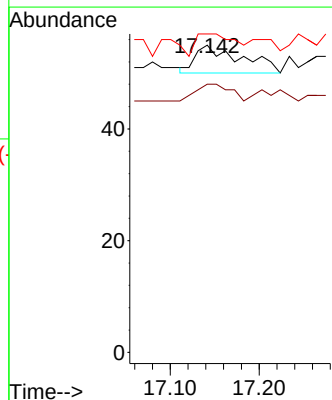
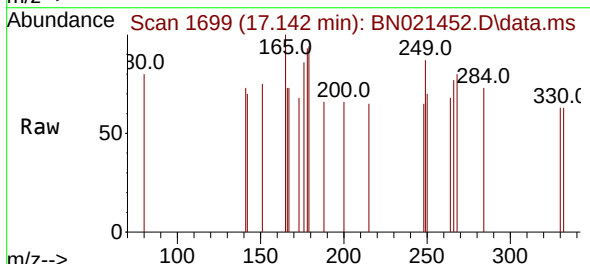
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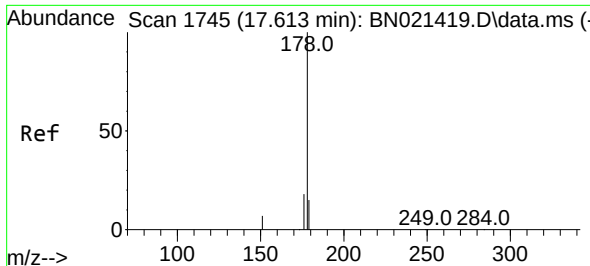
Tgt Ion:188 Resp: 16320
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 9.5 14.3



#24
Pentachlorophenol
Concen: 0.207 ng
RT: 17.142 min Scan# 1699
Delta R.T. 0.011 min
Lab File: BN021452.D
Acq: 30 Aug 2022 11:07

Tgt Ion:266 Resp: 18
Ion Ratio Lower Upper
266 100
264 44.4 49.0 73.6#
268 66.7 50.9 76.3

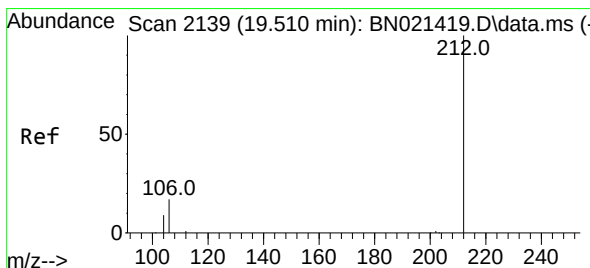
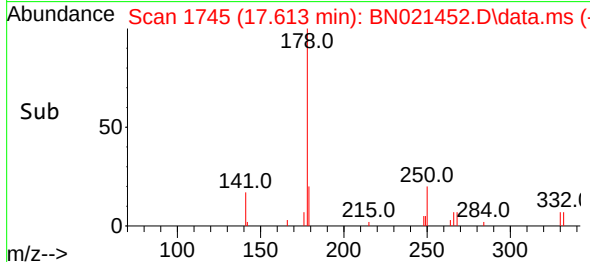
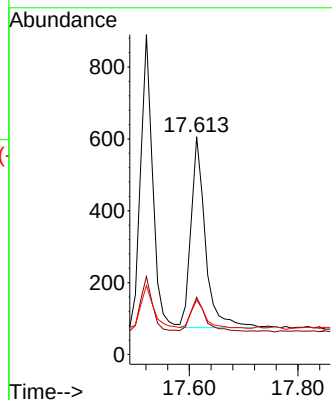
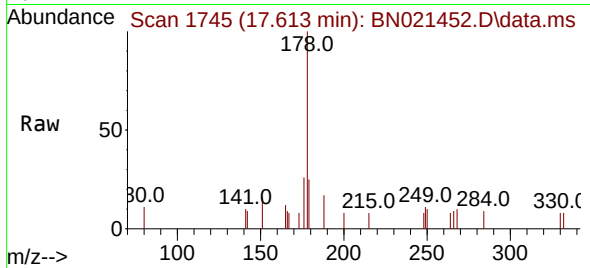




#26
 Anthracene
 Concen: 0.022 ng
 RT: 17.613 min Scan# 1745
 Delta R.T. 0.000 min
 Lab File: BN021452.D
 Acq: 30 Aug 2022 11:07

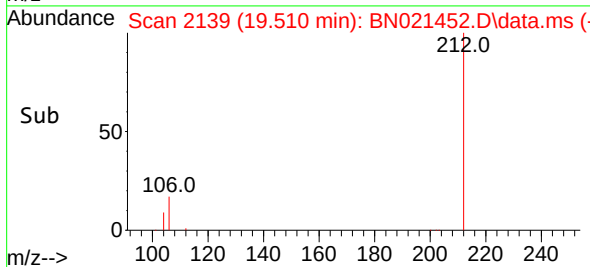
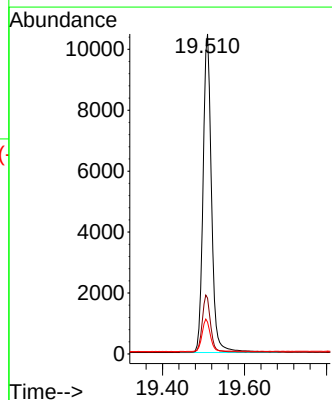
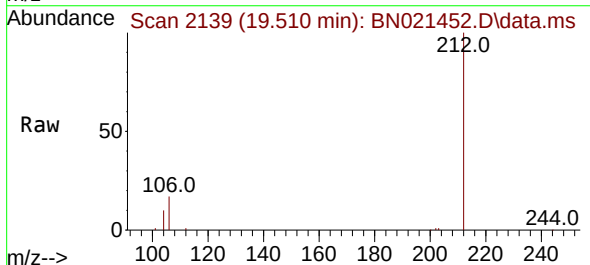
Instrument :
 BNA_N
 ClientSampleId :
 PB147332BL

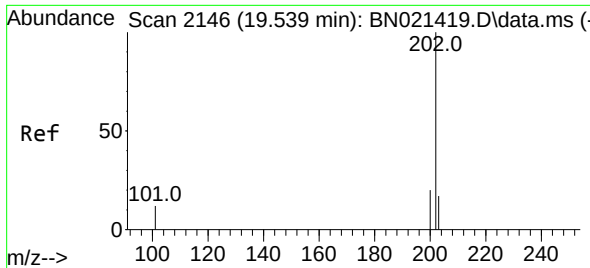
Tgt Ion:178 Resp: 977
 Ion Ratio Lower Upper
 178 100
 176 17.6 14.6 22.0
 179 14.7 12.2 18.2



#27
 Fluoranthene-d10
 Concen: 0.355 ng
 RT: 19.510 min Scan# 2139
 Delta R.T. 0.000 min
 Lab File: BN021452.D
 Acq: 30 Aug 2022 11:07

Tgt Ion:212 Resp: 14897
 Ion Ratio Lower Upper
 212 100
 106 17.5 14.2 21.2
 104 10.1 7.8 11.6

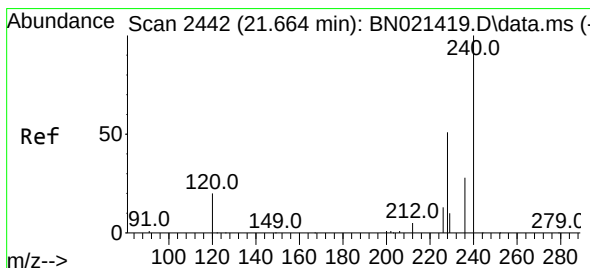
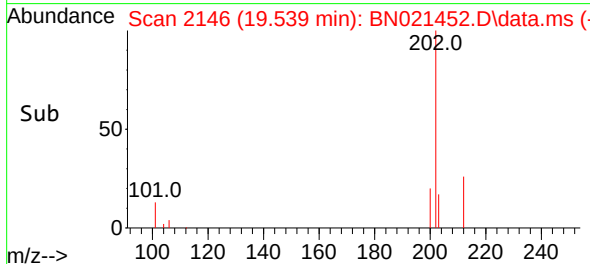
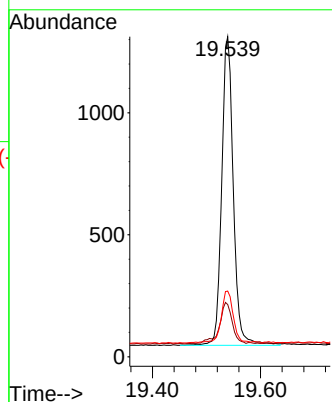
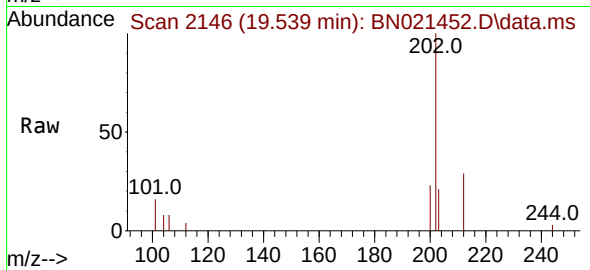




#28
Fluoranthene
Concen: 0.032 ng
RT: 19.539 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BN021452.D
Acq: 30 Aug 2022 11:07

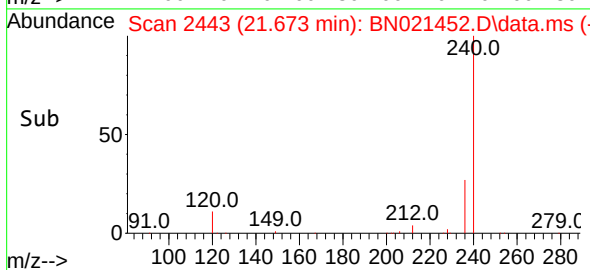
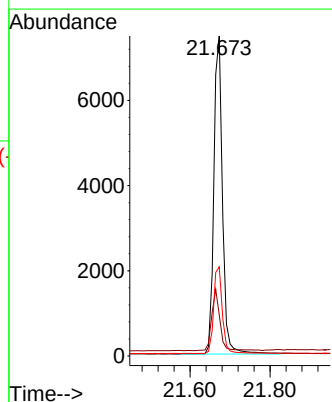
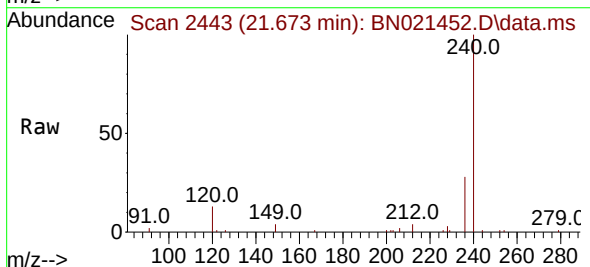
Instrument :
BNA_N
ClientSampleId :
PB147332BL

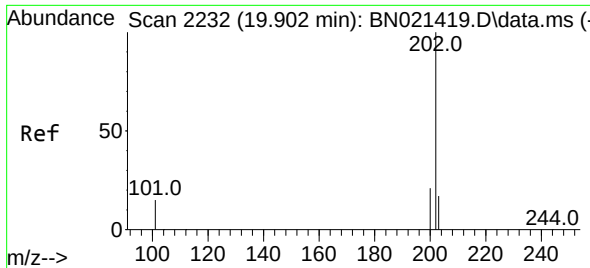
Tgt Ion:202 Resp: 1889
Ion Ratio Lower Upper
202 100
101 14.9 10.9 16.3
203 17.5 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. 0.009 min
Lab File: BN021452.D
Acq: 30 Aug 2022 11:07

Tgt Ion:240 Resp: 11192
Ion Ratio Lower Upper
240 100
120 12.8 10.2 15.4
236 27.8 22.1 33.1

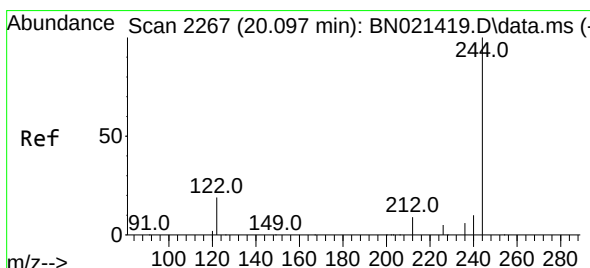
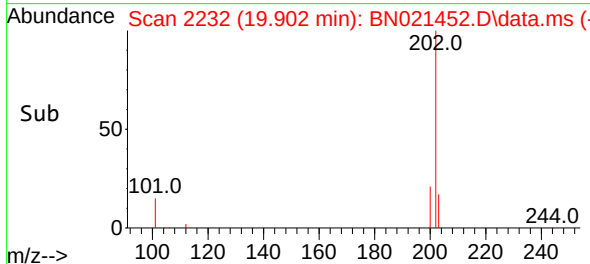
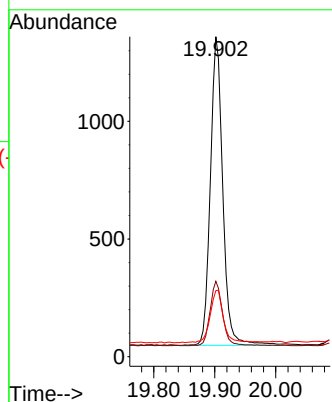
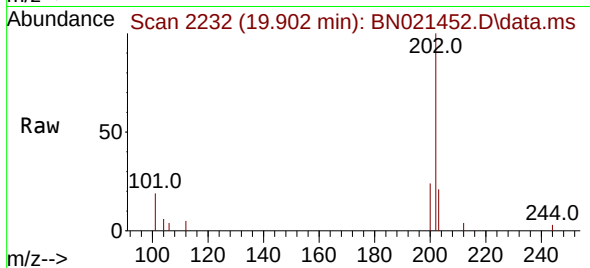




#30
Pyrene
Concen: 0.031 ng
RT: 19.902 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021452.D
Acq: 30 Aug 2022 11:07

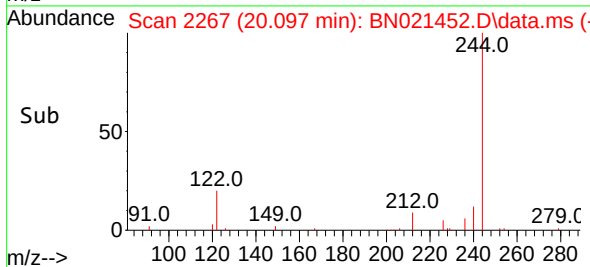
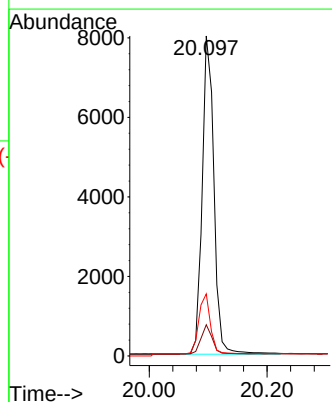
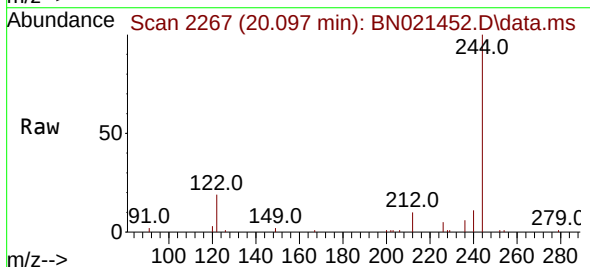
Instrument :
BNA_N
ClientSampleId :
PB147332BL

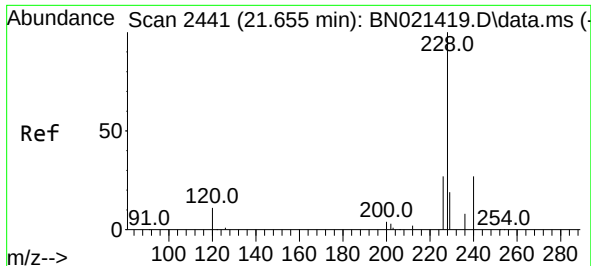
Tgt Ion:	202	Resp:	1862
Ion	Ratio	Lower	Upper
202	100		
200	20.7	13.9	20.9
203	17.7	11.9	17.9



#31
Terphenyl-d14
Concen: 0.440 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021452.D
Acq: 30 Aug 2022 11:07

Tgt Ion:	244	Resp:	11069
Ion	Ratio	Lower	Upper
244	100		
212	9.8	6.5	9.7#
122	19.4	9.1	13.7#

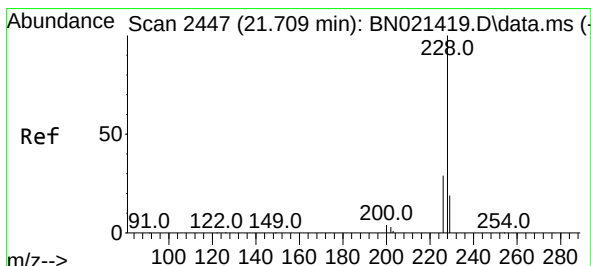
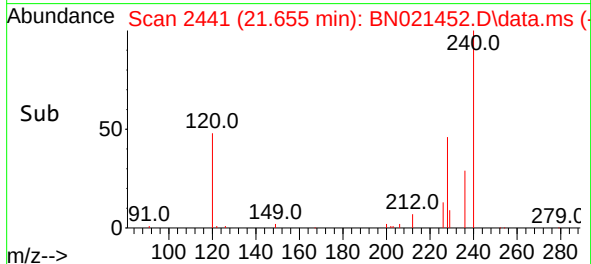
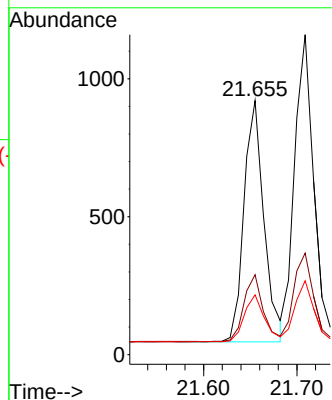
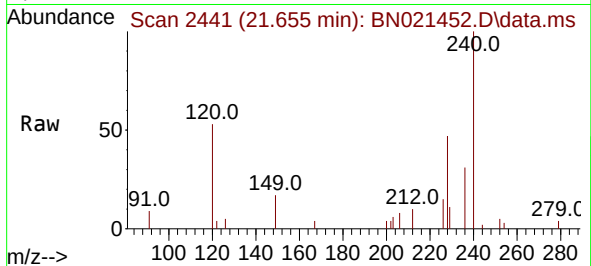




#32
Benzo(a)anthracene
Concen: 0.033 ng
RT: 21.655 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN021452.D
Acq: 30 Aug 2022 11:07

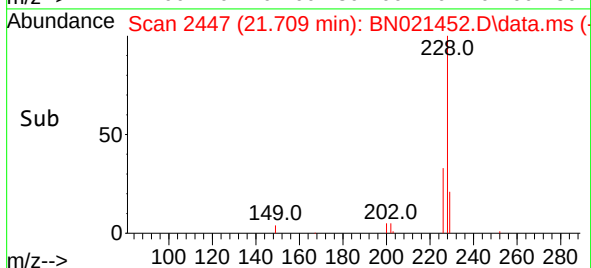
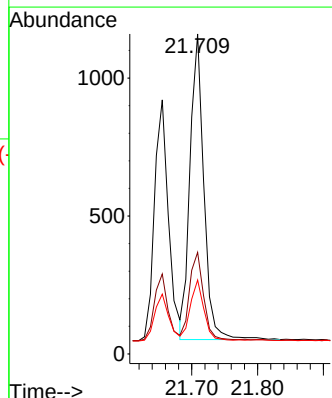
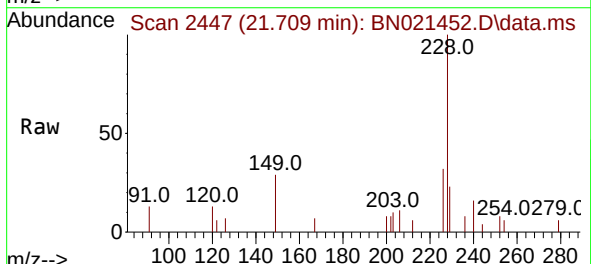
Instrument :
BNA_N
ClientSampleId :
PB147332BL

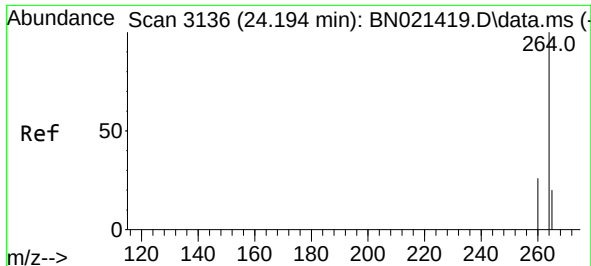
Tgt Ion:228 Resp: 1303
Ion Ratio Lower Upper
228 100
226 31.5 22.0 33.0
229 23.6 15.9 23.9



#33
Chrysene
Concen: 0.035 ng
RT: 21.709 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BN021452.D
Acq: 30 Aug 2022 11:07

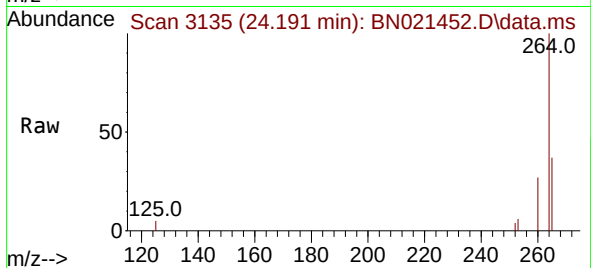
Tgt Ion:228 Resp: 1612
Ion Ratio Lower Upper
228 100
226 31.7 24.2 36.2
229 23.1 15.9 23.9





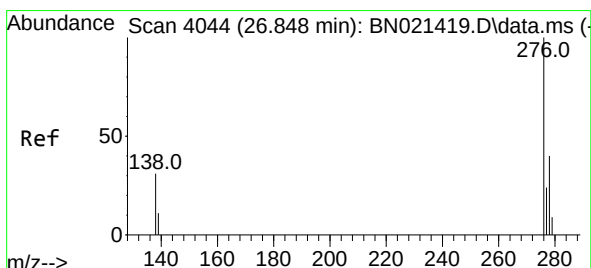
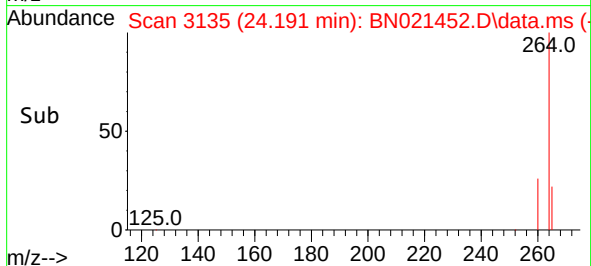
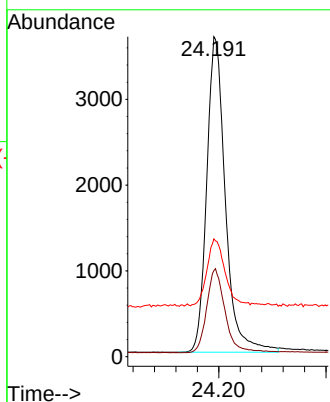
#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.191 min Scan# 3136
 Delta R.T. -0.003 min
 Lab File: BN021452.D
 Acq: 30 Aug 2022 11:07

Instrument :
 BNA_N
 ClientSampleId :
 PB147332BL



Tgt Ion:264 Resp: 8877

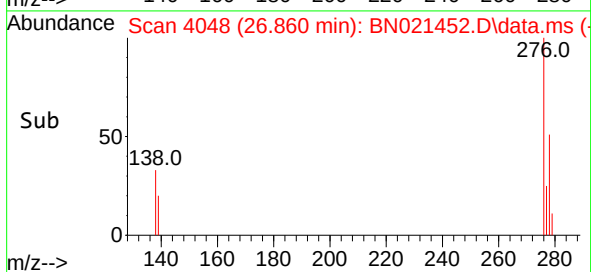
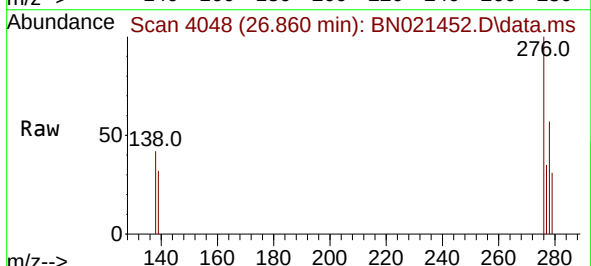
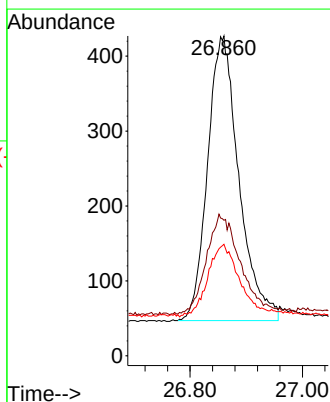
Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.0	31.6
265	36.8	32.2	48.2

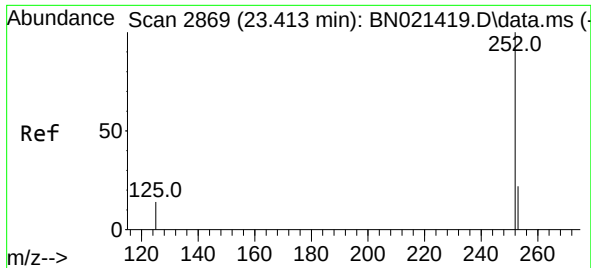


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.037 ng
 RT: 26.860 min Scan# 4048
 Delta R.T. 0.012 min
 Lab File: BN021452.D
 Acq: 30 Aug 2022 11:07

Tgt Ion:276 Resp: 1471

Ion	Ratio	Lower	Upper
276	100		
138	37.8	27.4	41.2
277	25.8	19.9	29.9

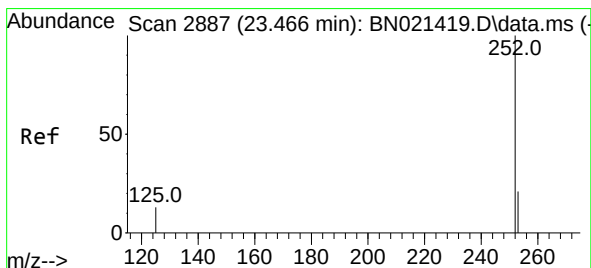
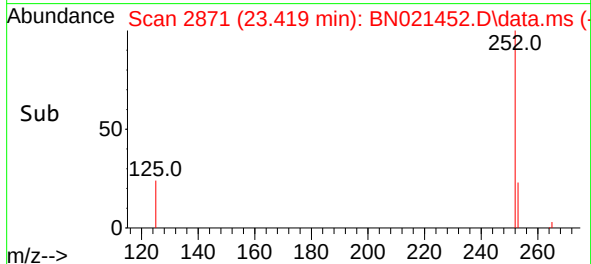
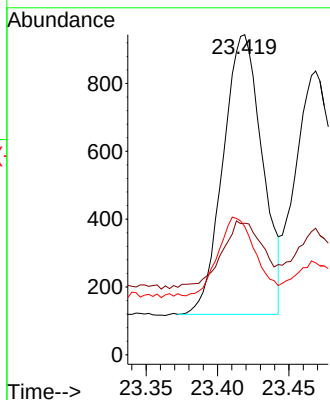
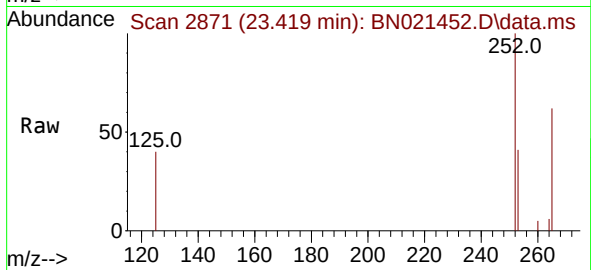




#37
Benzo(b)fluoranthene
Concen: 0.036 ng
RT: 23.419 min Scan# 2869
Delta R.T. 0.006 min
Lab File: BN021452.D
Acq: 30 Aug 2022 11:07

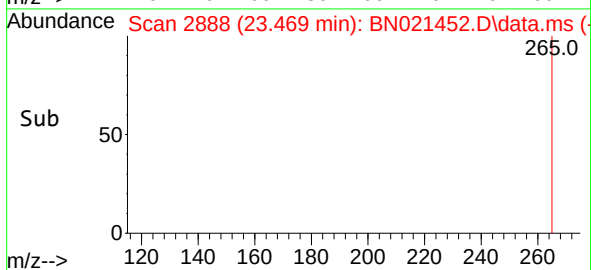
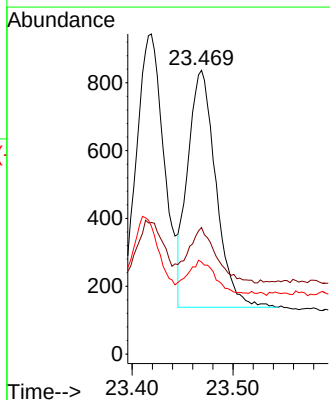
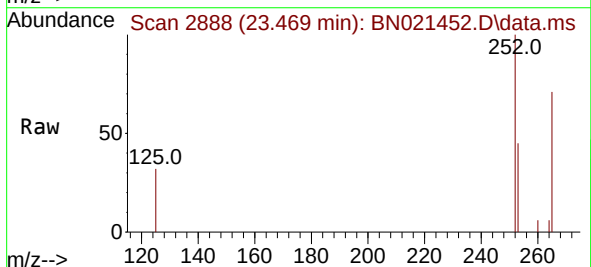
Instrument :
BNA_N
ClientSampleId :
PB147332BL

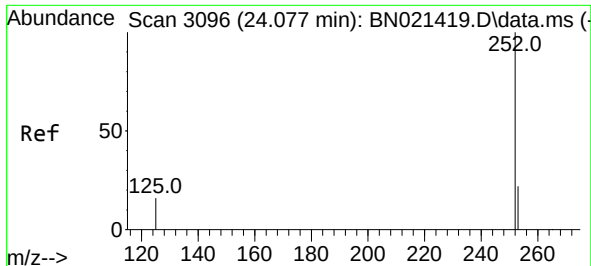
Tgt Ion:252 Resp: 1580
Ion Ratio Lower Upper
252 100
253 41.1 19.8 29.6#
125 40.0 13.7 20.5#



#38
Benzo(k)fluoranthene
Concen: 0.031 ng
RT: 23.469 min Scan# 2888
Delta R.T. 0.003 min
Lab File: BN021452.D
Acq: 30 Aug 2022 11:07

Tgt Ion:252 Resp: 1356
Ion Ratio Lower Upper
252 100
253 44.6 19.5 29.3#
125 32.4 12.3 18.5#





#39

Benzo(a)pyrene

Concen: 0.037 ng

RT: 24.083 min Scan# 3098

Delta R.T. 0.006 min

Lab File: BN021452.D

Acq: 30 Aug 2022 11:07

Instrument :

BNA_N

ClientSampleId :

PB147332BL

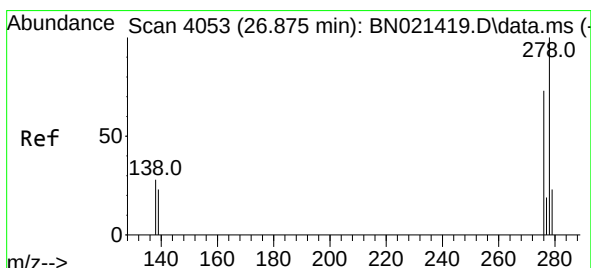
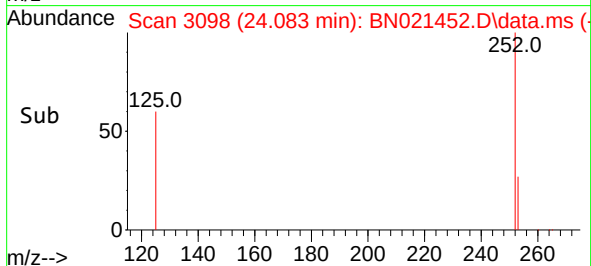
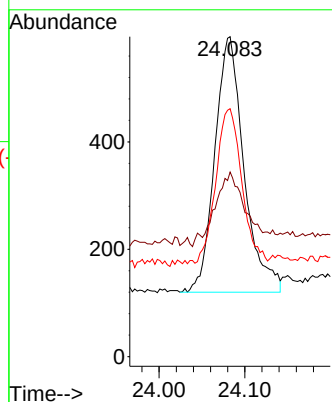
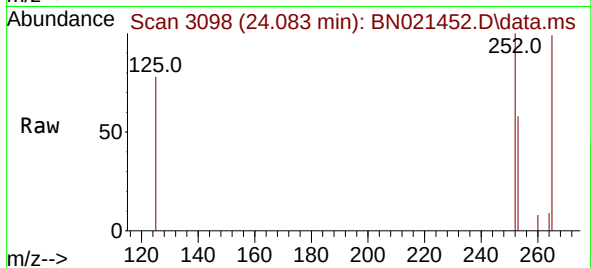
Tgt Ion:252 Resp: 1125

Ion Ratio Lower Upper

252 100

253 57.7 21.1 31.7#

125 77.5 16.6 25.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.034 ng

RT: 26.878 min Scan# 4054

Delta R.T. 0.003 min

Lab File: BN021452.D

Acq: 30 Aug 2022 11:07

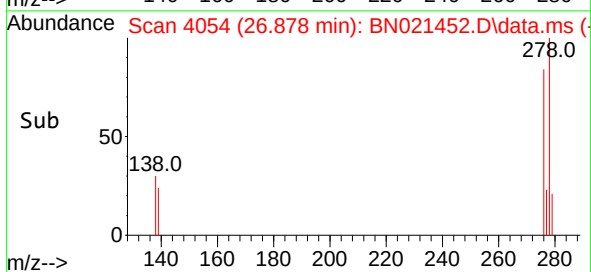
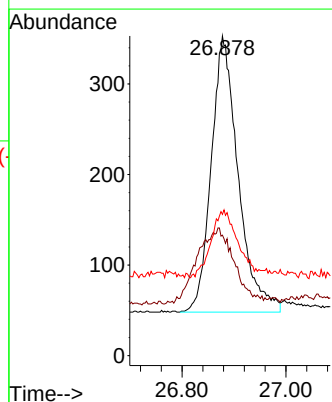
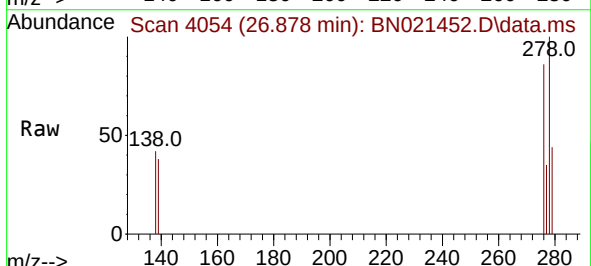
Tgt Ion:278 Resp: 1099

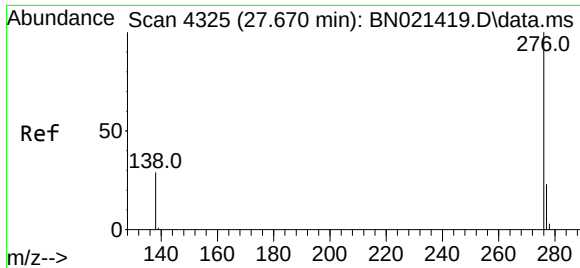
Ion Ratio Lower Upper

278 100

139 37.7 21.8 32.6#

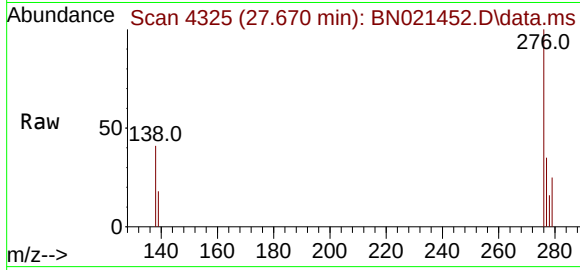
279 44.2 20.4 30.6#





#41
Benzo(g,h,i)perylene
Concen: 0.037 ng
RT: 27.670 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN021452.D
Acq: 30 Aug 2022 11:07

Instrument :
BNA_N
ClientSampleId :
PB147332BL



Tgt Ion:276 Resp: 1301
Ion Ratio Lower Upper
276 100
277 34.8 19.7 29.5#
138 40.8 23.7 35.5#

