

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
 Data File : BN019334.D
 Acq On : 05 Apr 2022 02:24
 Operator : CG/JU
 Sample : N2237-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A08015

Quant Time: Apr 05 03:31:18 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 04 17:40:00 2022
 Response via : Initial Calibration

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

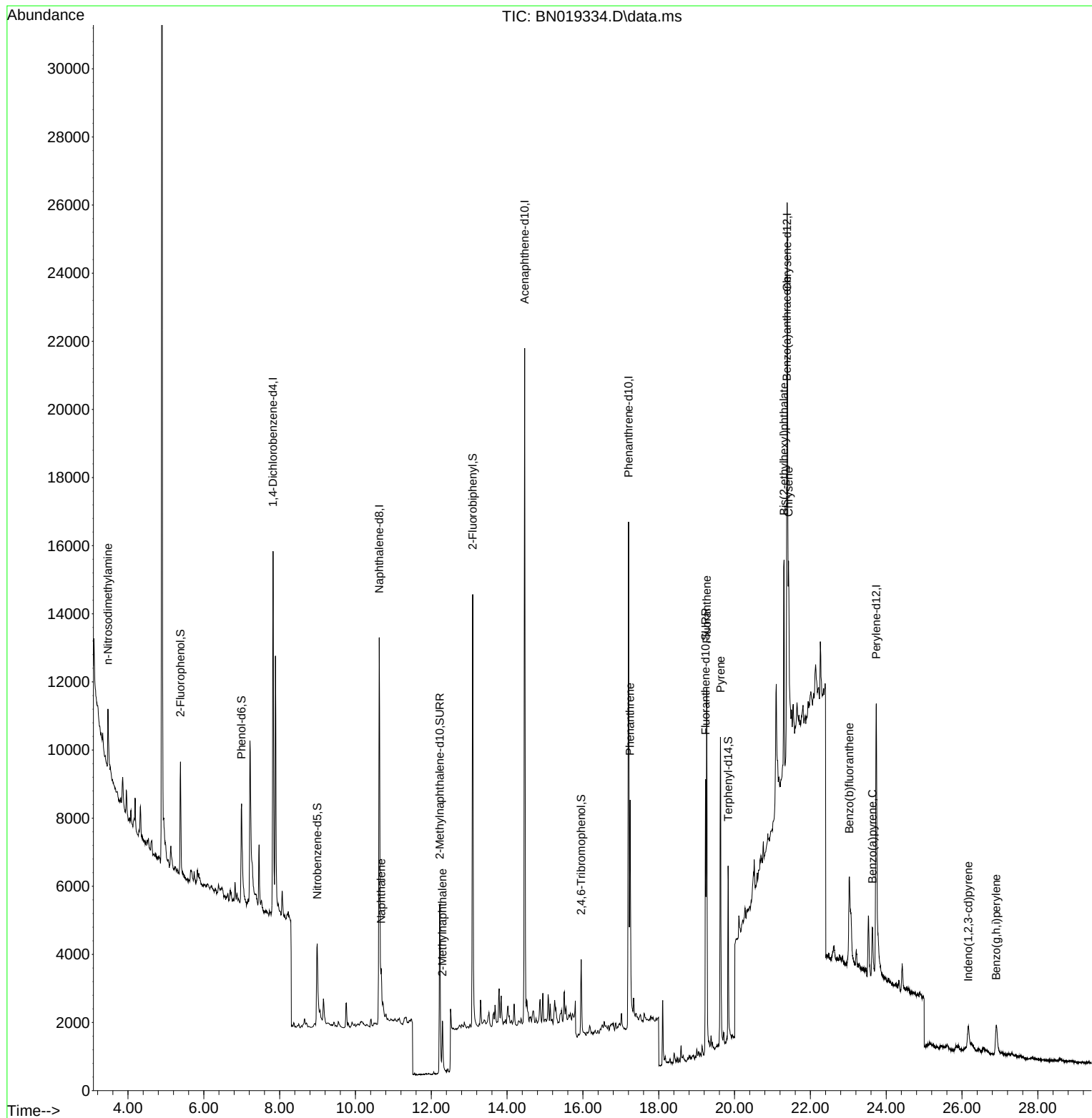
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	5650	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	17189	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	11162	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	22292	0.400	ng	0.00
29) Chrysene-d12	21.386	240	17773	0.400	ng	# 0.00
35) Perylene-d12	23.738	264	14141	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2809	0.186	ng	0.00
5) Phenol-d6	6.995	99	3215	0.177	ng	0.00
8) Nitrobenzene-d5	8.993	82	3238	0.207	ng	0.01
11) 2-Methylnaphthalene-d10	12.223	152	8424	0.279	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	1354	0.200	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	12184	0.263	ng	0.00
27) Fluoranthene-d10	19.236	212	9746	0.136	ng	0.00
31) Terphenyl-d14	19.830	244	6168	0.160	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.470	42	385	0.043	ng	# 1
9) Naphthalene	10.680	128	1505	0.030	ng	# 83
12) 2-Methylnaphthalene	12.295	142	1209	0.034	ng	# 92
25) Phenanthrene	17.246	178	7184	0.096	ng	99
28) Fluoranthene	19.265	202	9663	0.109	ng	97
30) Pyrene	19.628	202	8896	0.108	ng	# 96
32) Benzo(a)anthracene	21.377	228	4108	0.063	ng	# 82
33) Chrysene	21.422	228	4985	0.068	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.306	149	6835	0.140	ng	98
36) Indeno(1,2,3-cd)pyrene	26.167	276	1548	0.026	ng	# 75
37) Benzo(b)fluoranthene	23.027	252	7489	0.135	ng	# 1
39) Benzo(a)pyrene	23.635	252	2361	0.047	ng	# 1
41) Benzo(g,h,i)perylene	26.904	276	2278	0.042	ng	# 60

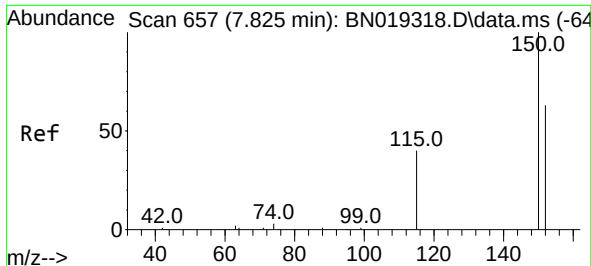
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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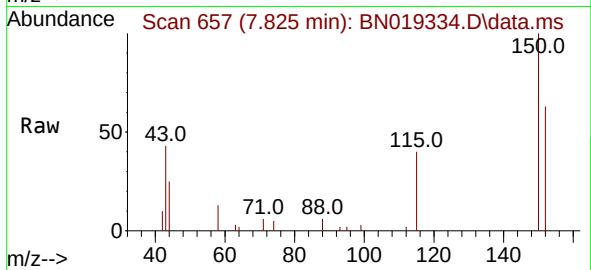
Quant Time: Apr 05 03:31:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
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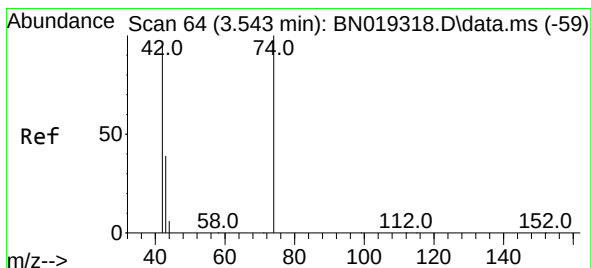
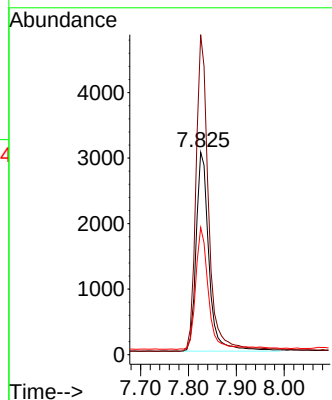
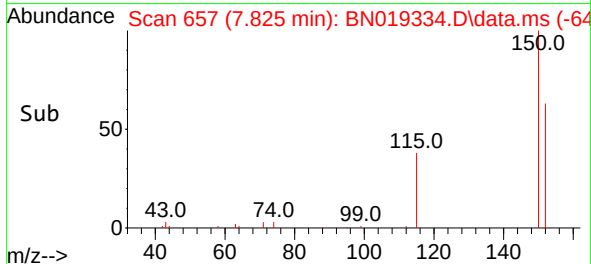


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.825 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

Instrument :
BNA_N
ClientSampleId :
A08015

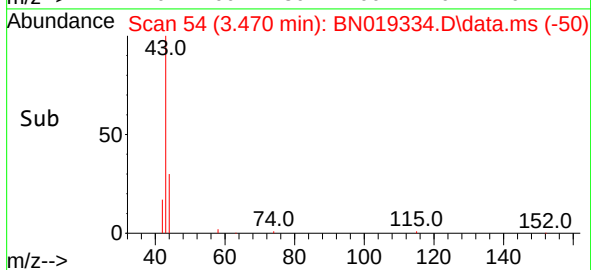
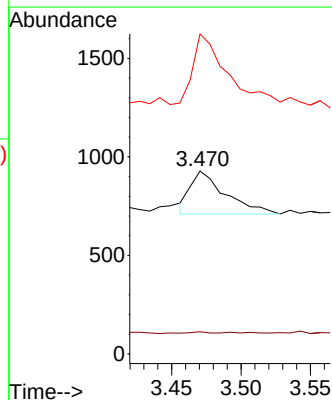
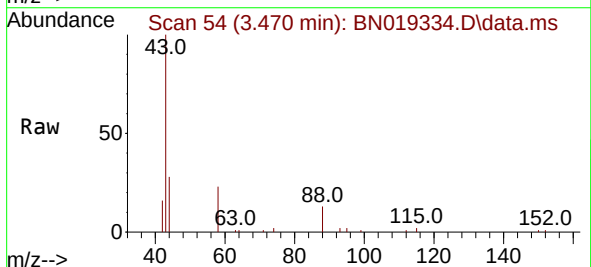


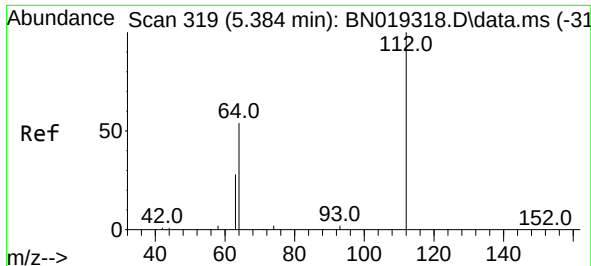
Tgt Ion:152 Resp: 5650
Ion Ratio Lower Upper
152 100
150 158.2 123.9 185.9
115 62.9 48.2 72.4



#3
n-Nitrosodimethylamine
Concen: 0.043 ng
RT: 3.470 min Scan# 54
Delta R.T. -0.072 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

Tgt Ion: 42 Resp: 385
Ion Ratio Lower Upper
42 100
74 1.6 96.9 145.3#
44 166.0 7.3 10.9#

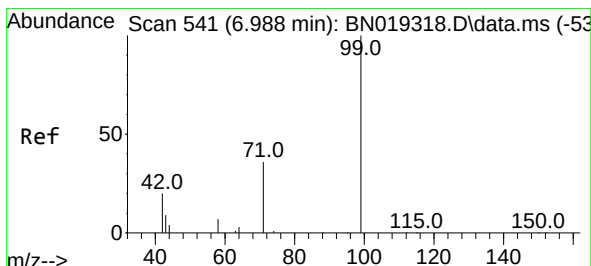
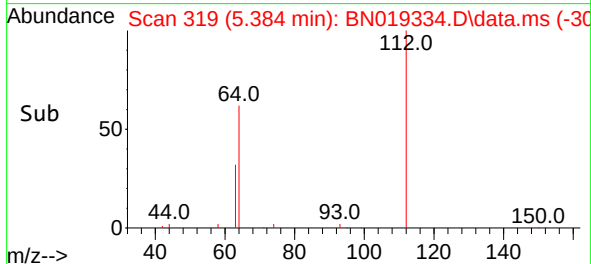
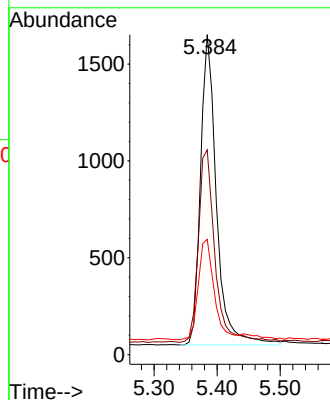
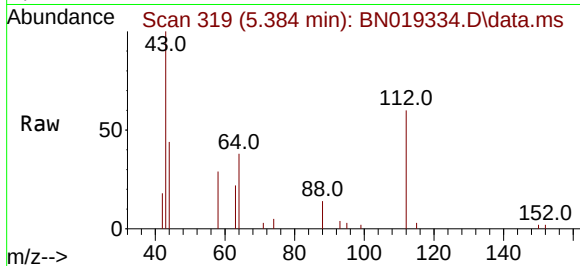




#4
2-Fluorophenol
Concen: 0.186 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

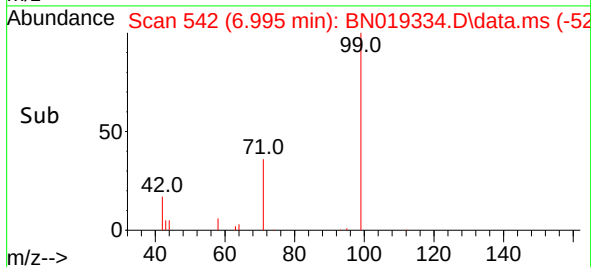
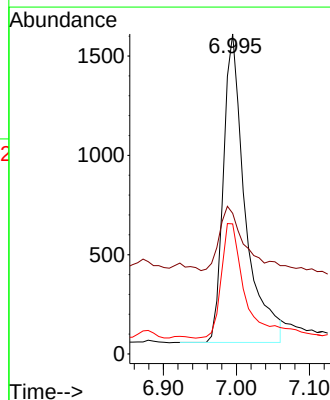
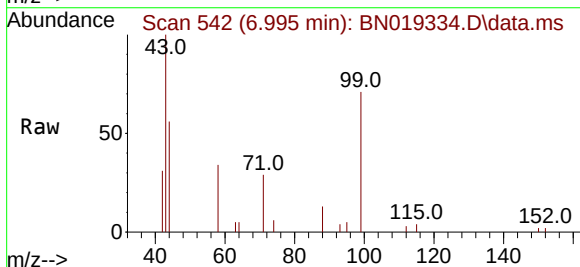
Instrument :
BNA_N
ClientSampleId :
A08015

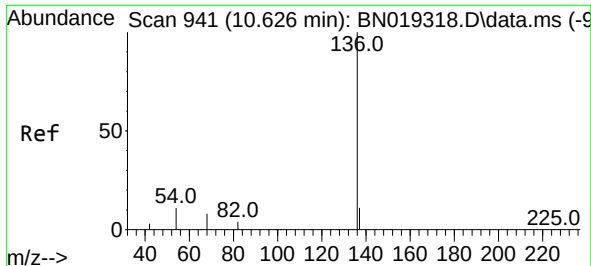
Tgt Ion:112 Resp: 2809
Ion Ratio Lower Upper
112 100
64 64.8 47.8 71.8
63 31.9 25.7 38.5



#5
Phenol-d6
Concen: 0.177 ng
RT: 6.995 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

Tgt Ion: 99 Resp: 3215
Ion Ratio Lower Upper
99 100
42 23.7 16.2 24.4
71 39.2 27.7 41.5

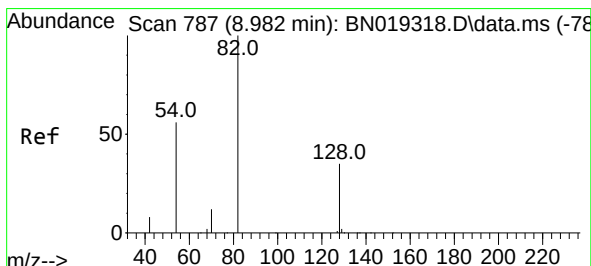
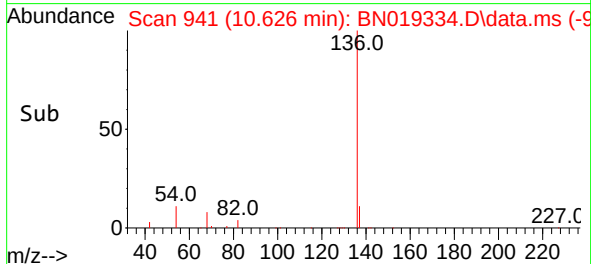
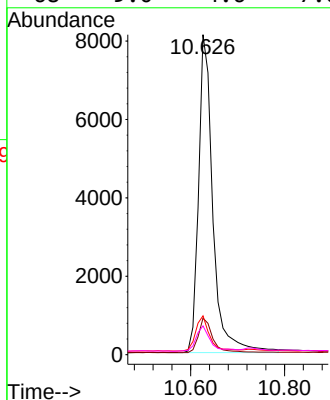
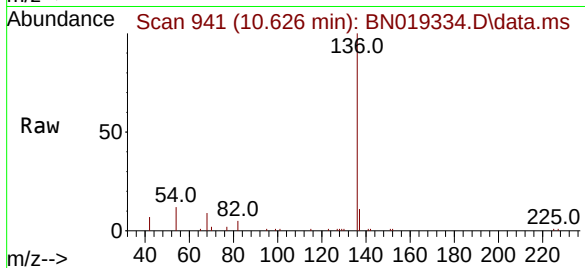




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

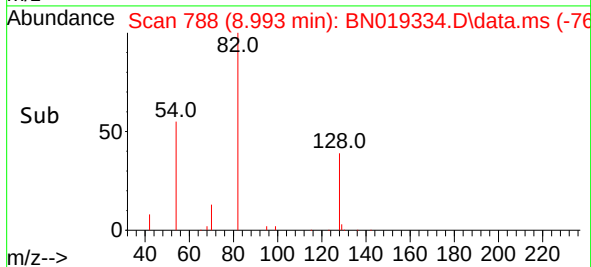
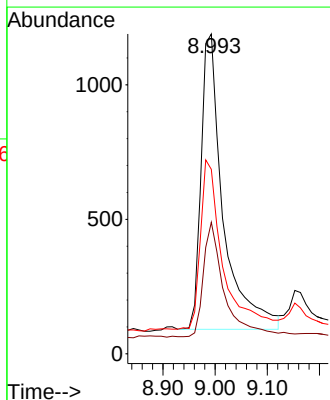
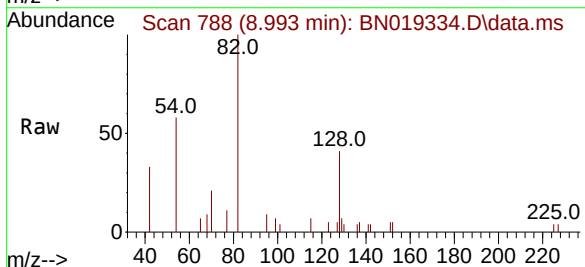
Instrument :
BNA_N
ClientSampleId :
A08015

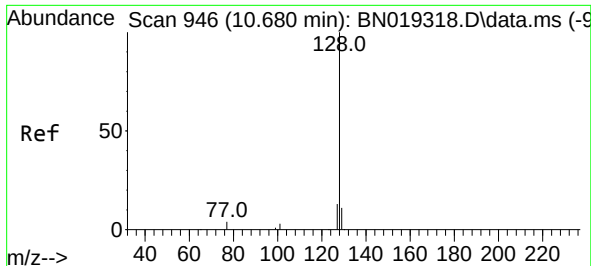
Tgt Ion:	136	Resp:	17189
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	12.1	5.8	8.6#
68	9.0	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.207 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.011 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

Tgt Ion:	82	Resp:	3238
Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.0	49.6
54	57.7	42.5	63.7

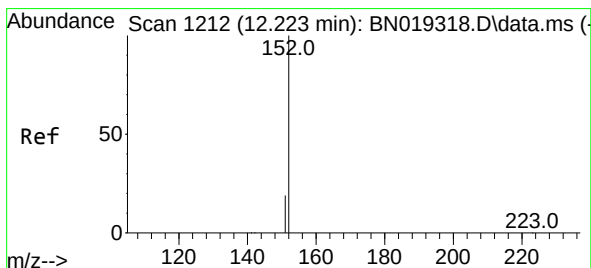
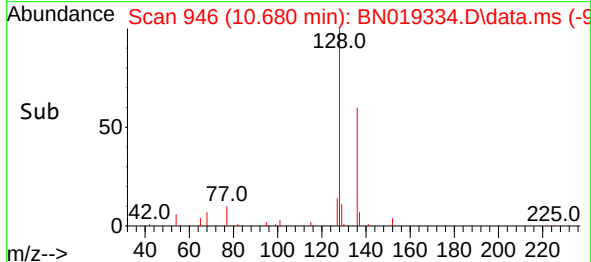
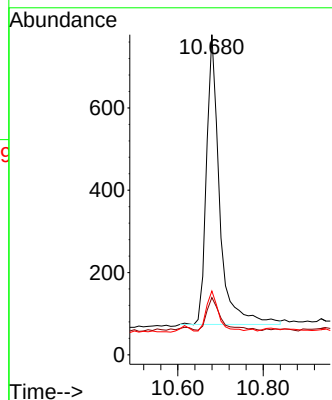
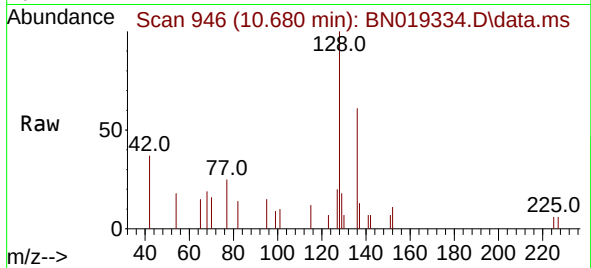




#9
Naphthalene
Concen: 0.030 ng
RT: 10.680 min Scan# 946
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

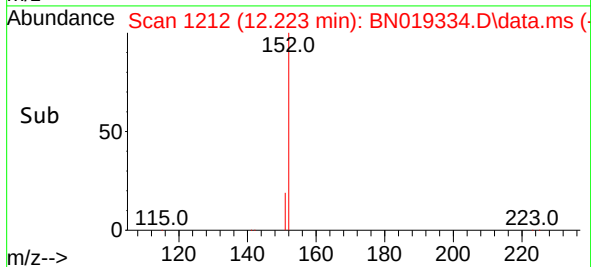
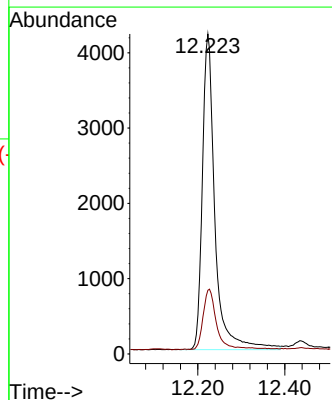
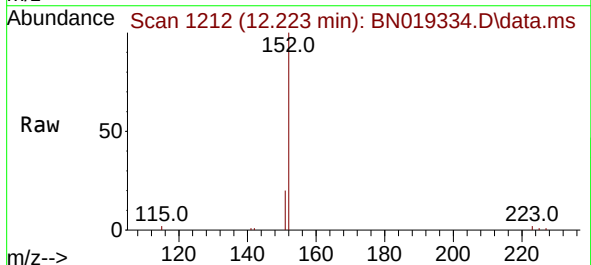
Instrument :
BNA_N
ClientSampleId :
A08015

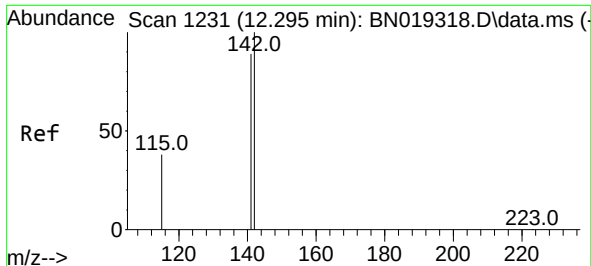
Tgt Ion:128 Resp: 1505
Ion Ratio Lower Upper
128 100
129 17.9 9.0 13.4#
127 19.9 10.7 16.1#



#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 12.223 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

Tgt Ion:152 Resp: 8424
Ion Ratio Lower Upper
152 100
151 19.4 16.5 24.7





#12

2-Methylnaphthalene

Concen: 0.034 ng

RT: 12.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN019334.D

Acq: 05 Apr 2022 02:24

Instrument :

BNA_N

ClientSampleId :

A08015

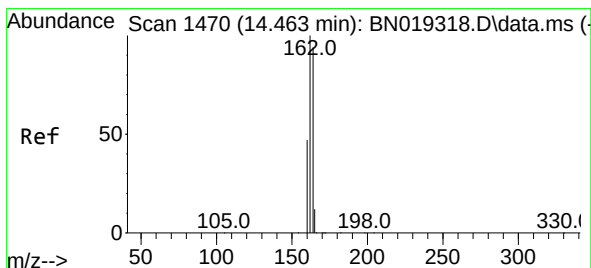
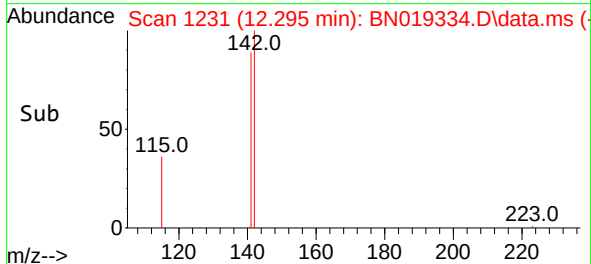
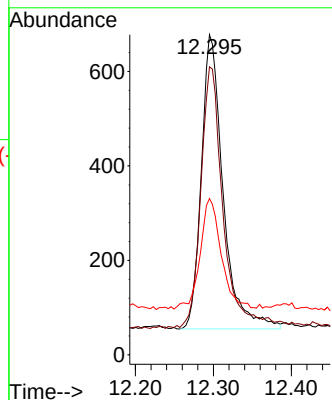
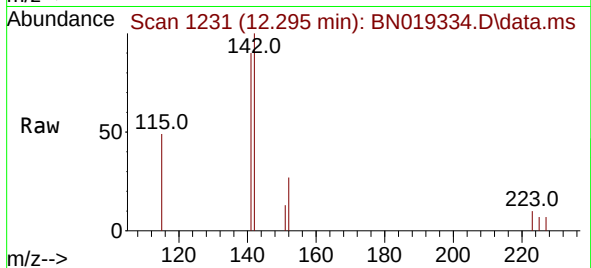
Tgt Ion:142 Resp: 1209

Ion Ratio Lower Upper

142 100

141 90.0 70.0 105.0

115 48.8 29.8 44.8#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.463 min Scan# 1470

Delta R.T. -0.000 min

Lab File: BN019334.D

Acq: 05 Apr 2022 02:24

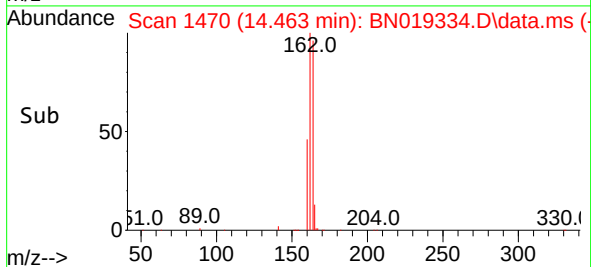
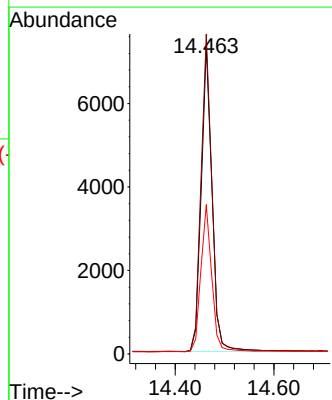
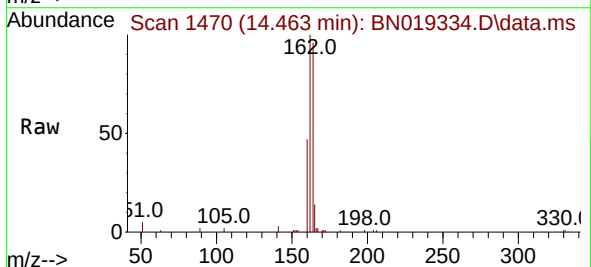
Tgt Ion:164 Resp: 11162

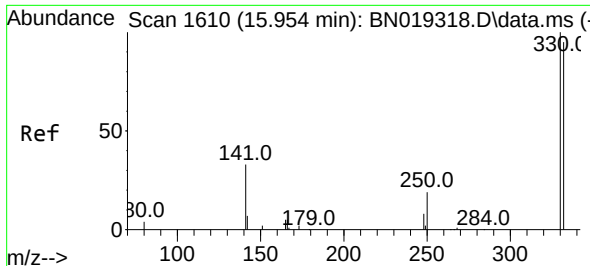
Ion Ratio Lower Upper

164 100

162 103.9 85.2 127.8

160 48.5 41.5 62.3

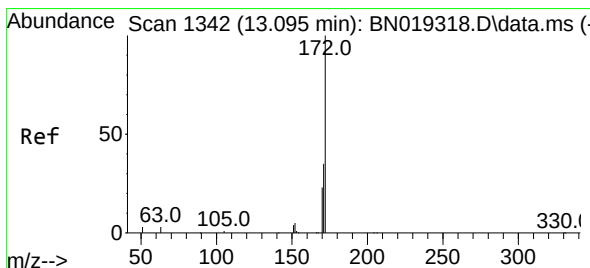
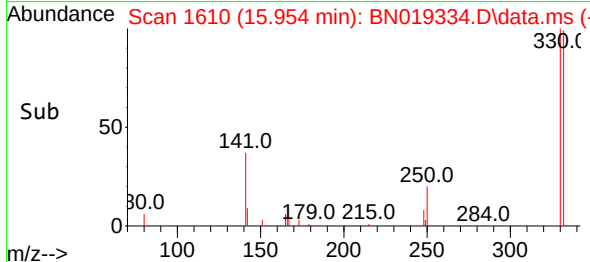
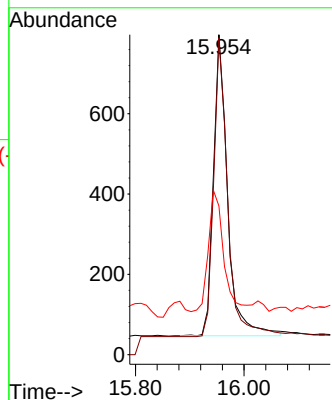
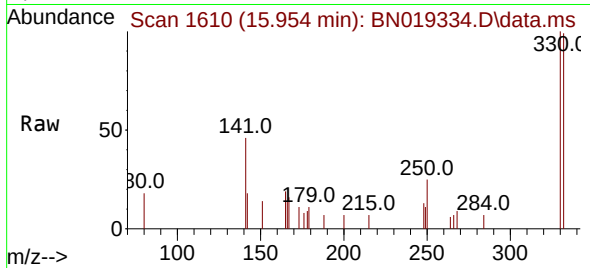




#14
2,4,6-Tribromophenol
Concen: 0.200 ng
RT: 15.954 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

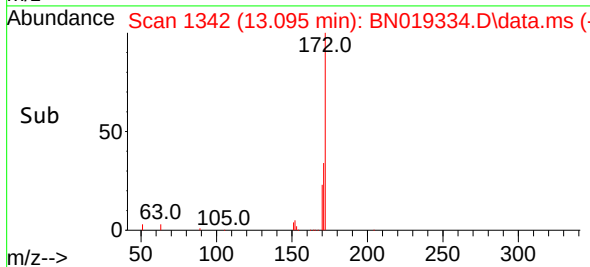
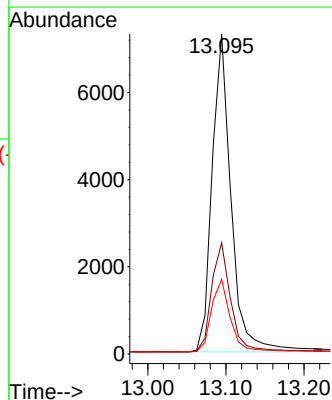
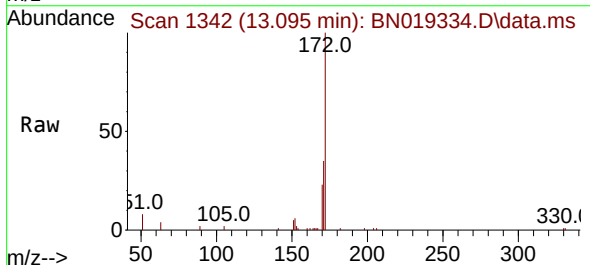
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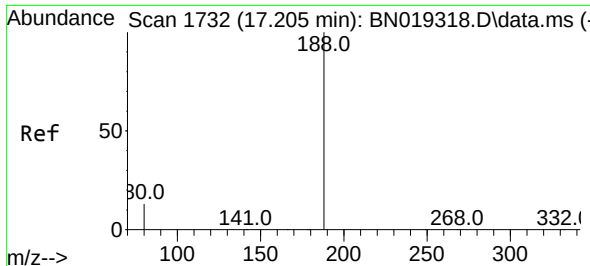
Tgt Ion:330 Resp: 1354
Ion Ratio Lower Upper
330 100
332 97.6 76.8 115.2
141 43.1 32.2 48.2



#15
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 13.095 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

Tgt Ion:172 Resp: 12184
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.3 18.7 28.1

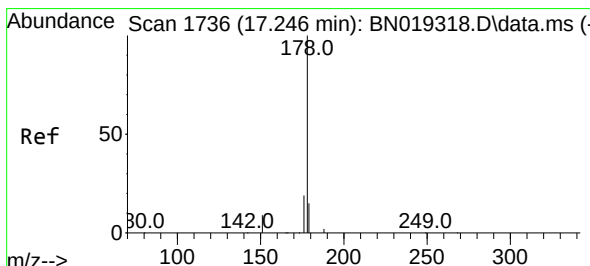
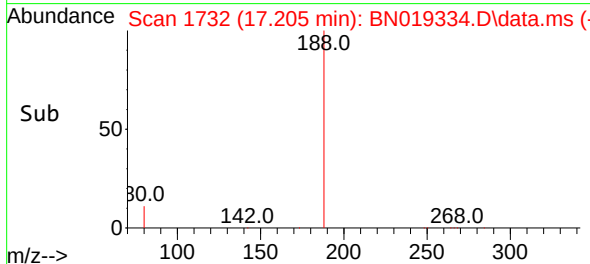
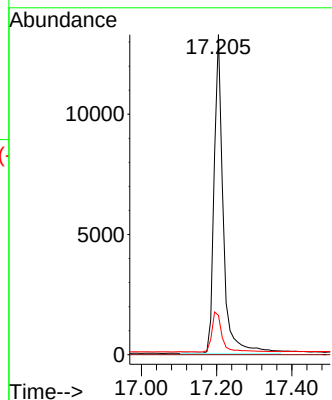
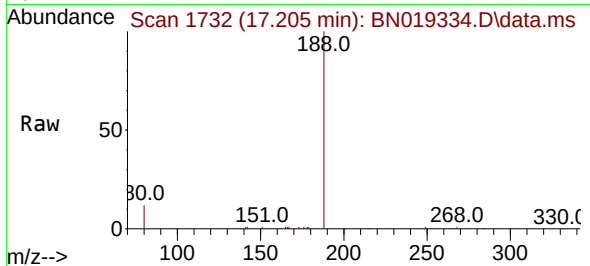




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

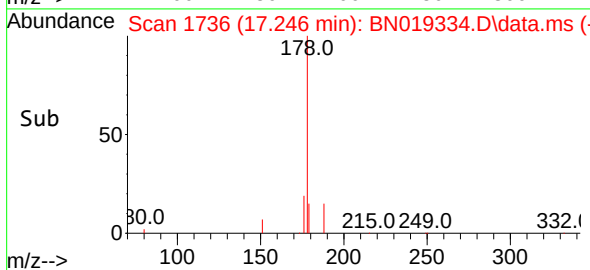
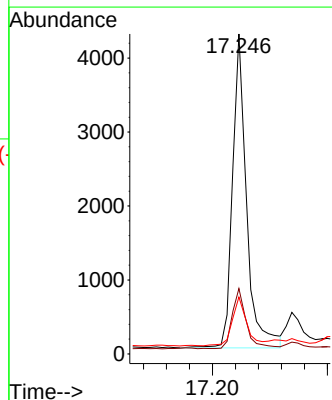
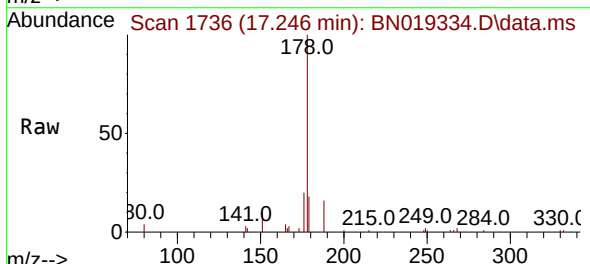
Instrument :
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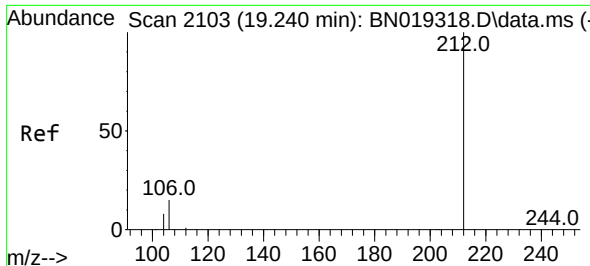
Tgt Ion:188 Resp: 22292
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 11.8 17.8



#25
Phenanthrene
Concen: 0.096 ng
RT: 17.246 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

Tgt Ion:178 Resp: 7184
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.7 12.2 18.2

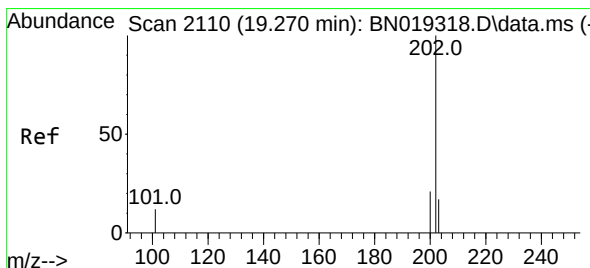
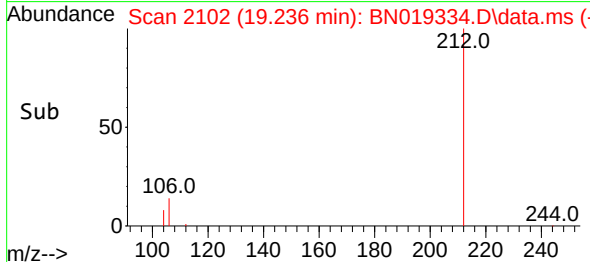
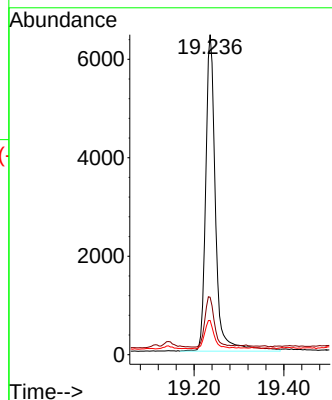
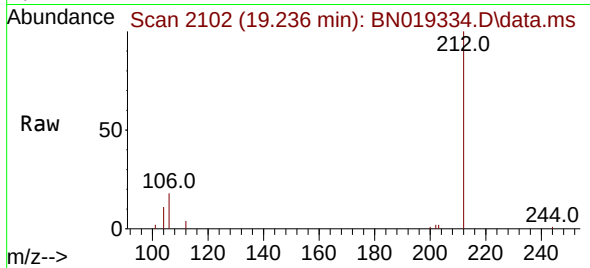




#27
Fluoranthene-d10
Concen: 0.136 ng
RT: 19.236 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

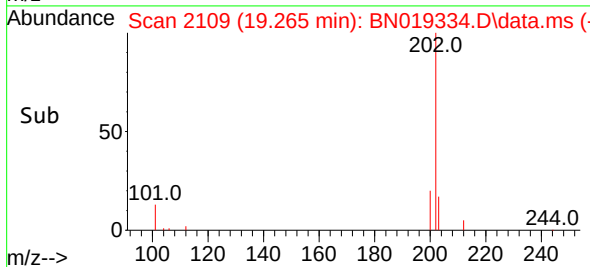
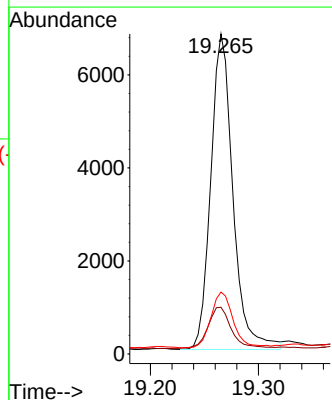
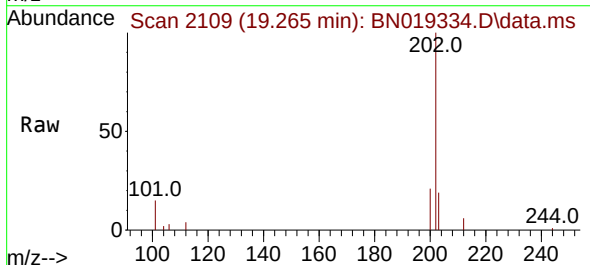
Instrument :
BNA_N
ClientSampleId :
A08015

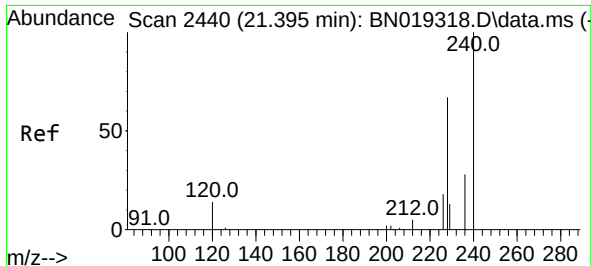
Tgt Ion:212 Resp: 9746
Ion Ratio Lower Upper
212 100
106 15.6 12.7 19.1
104 8.8 7.1 10.7



#28
Fluoranthene
Concen: 0.109 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

Tgt Ion:202 Resp: 9663
Ion Ratio Lower Upper
202 100
101 13.8 9.8 14.6
203 17.7 13.7 20.5

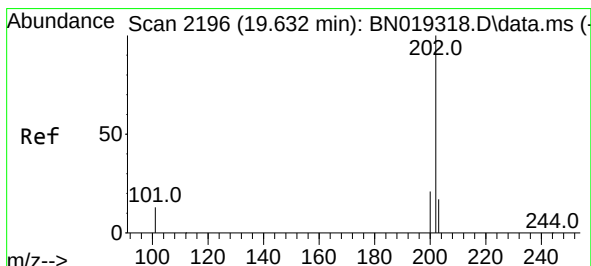
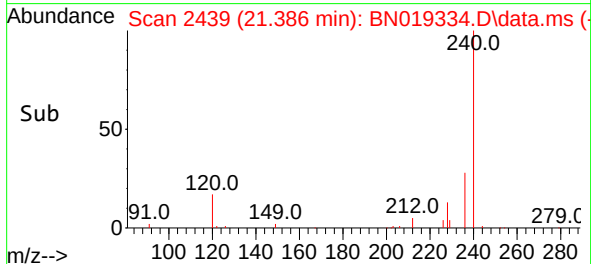
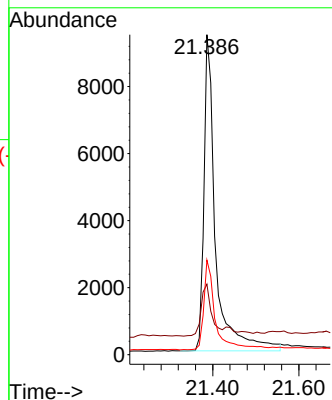
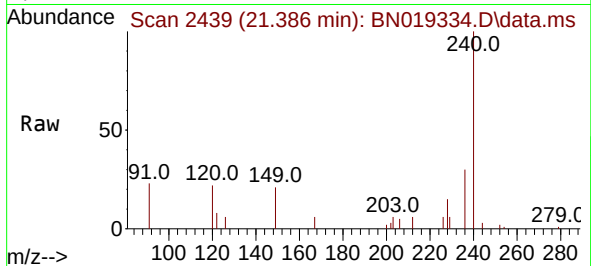




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

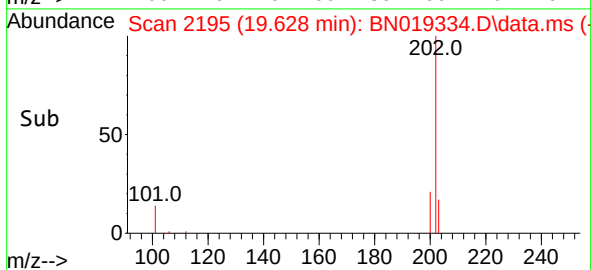
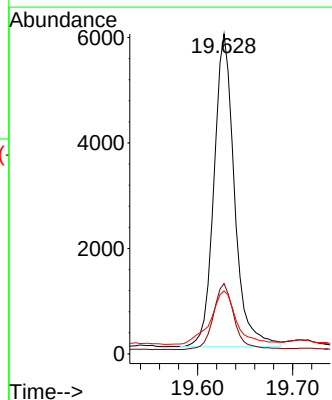
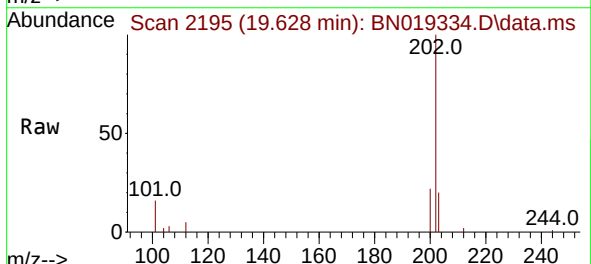
Instrument :
BNA_N
ClientSampleId :
A08015

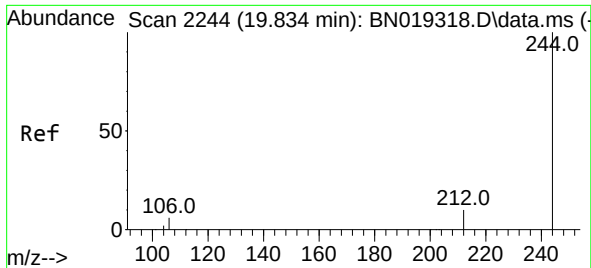
Tgt Ion:240 Resp: 17773
Ion Ratio Lower Upper
240 100
120 22.0 8.5 12.7#
236 29.5 22.4 33.6



#30
Pyrene
Concen: 0.108 ng
RT: 19.628 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

Tgt Ion:202 Resp: 8896
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 21.7 14.2 21.2#

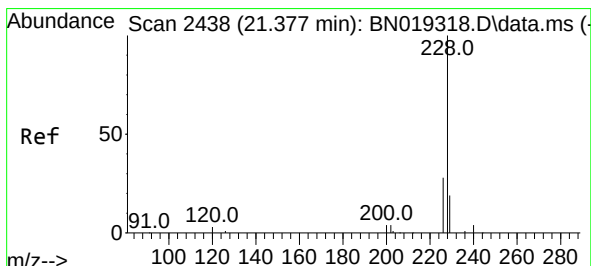
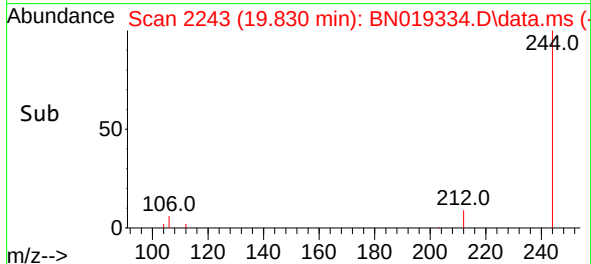
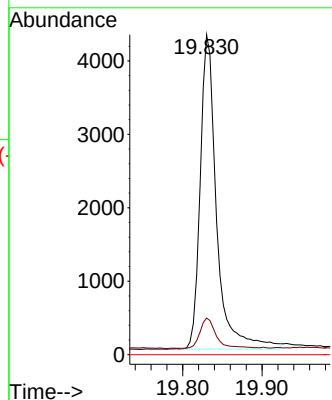
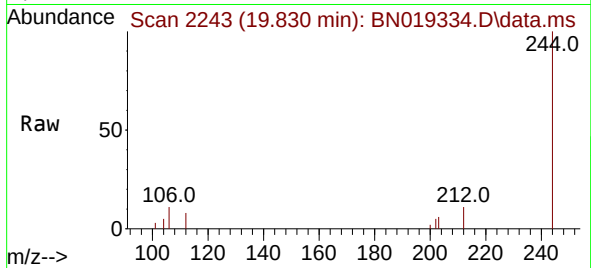




#31
Terphenyl-d14
Concen: 0.160 ng
RT: 19.830 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

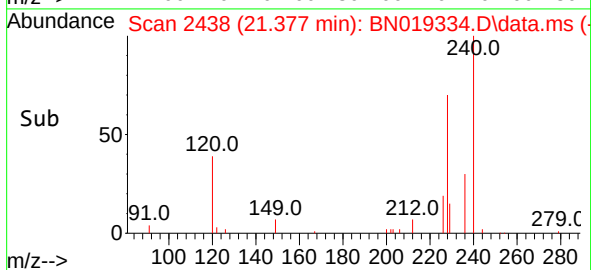
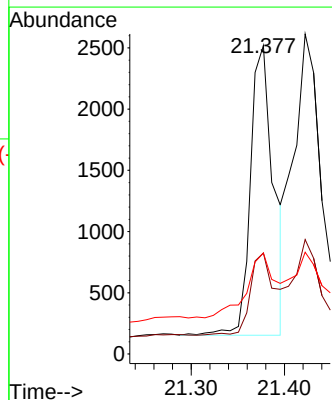
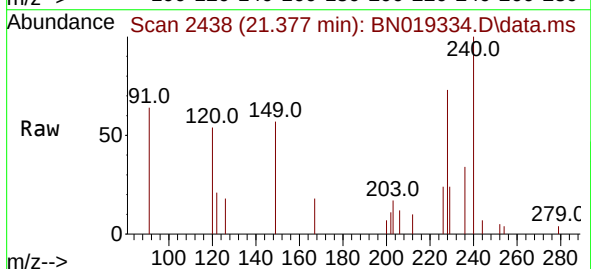
Instrument :
BNA_N
ClientSampleId :
A08015

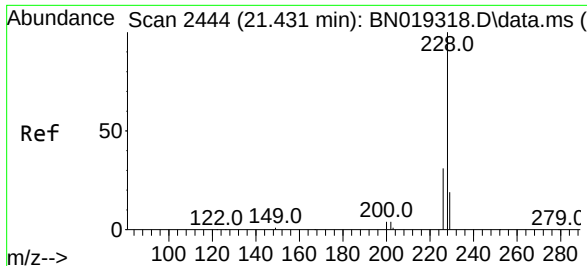
Tgt Ion:244 Resp: 6168
Ion Ratio Lower Upper
244 100
212 11.4 8.2 12.4
122 0.0 0.0 0.0



#32
Benzo(a)anthracene
Concen: 0.063 ng
RT: 21.377 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

Tgt Ion:228 Resp: 4108
Ion Ratio Lower Upper
228 100
226 32.7 21.9 32.9
229 32.7 16.0 24.0#





#33

Chrysene

Concen: 0.068 ng

RT: 21.422 min Scan# 2443

Delta R.T. -0.009 min

Lab File: BN019334.D

Acq: 05 Apr 2022 02:24

Instrument :

BNA_N

ClientSampleId :

A08015

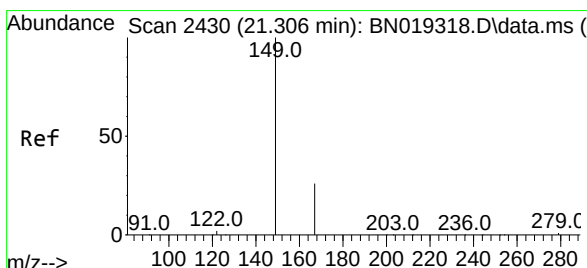
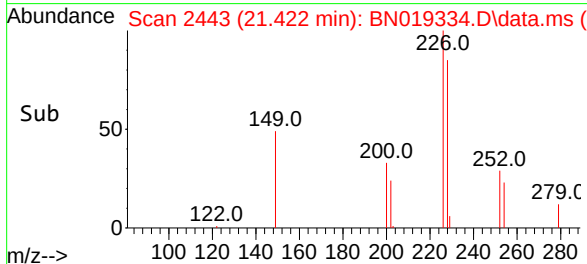
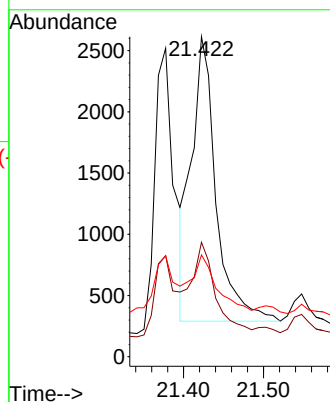
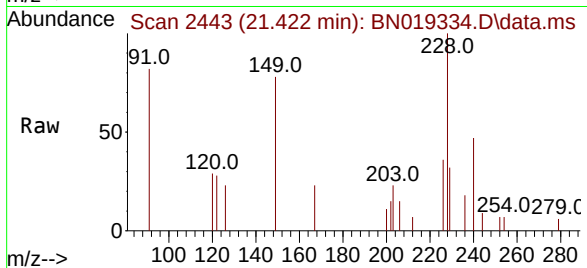
Tgt Ion:228 Resp: 4985

Ion Ratio Lower Upper

228 100

226 35.8 24.0 36.0

229 31.8 15.9 23.9#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.140 ng

RT: 21.306 min Scan# 2430

Delta R.T. -0.000 min

Lab File: BN019334.D

Acq: 05 Apr 2022 02:24

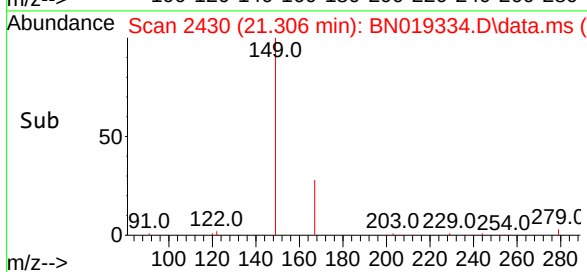
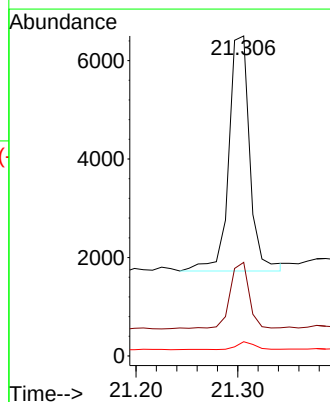
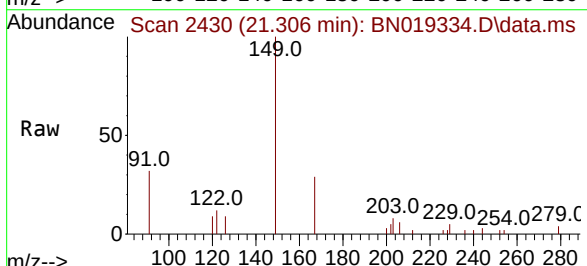
Tgt Ion:149 Resp: 6835

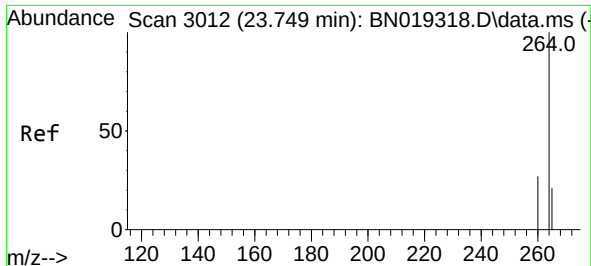
Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.8

279 2.9 2.0 3.0

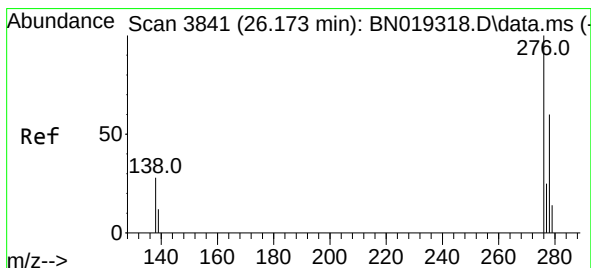
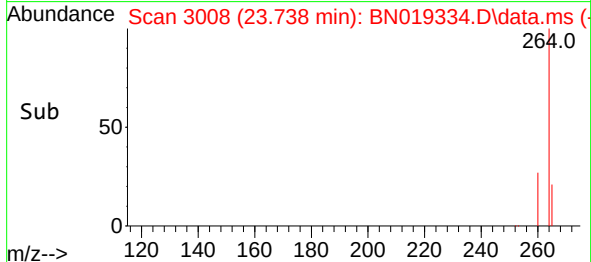
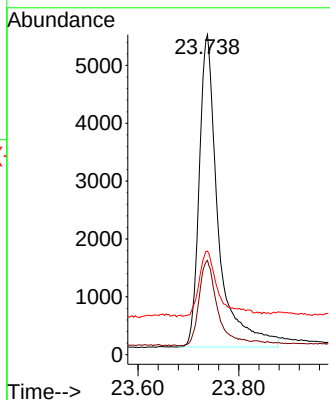
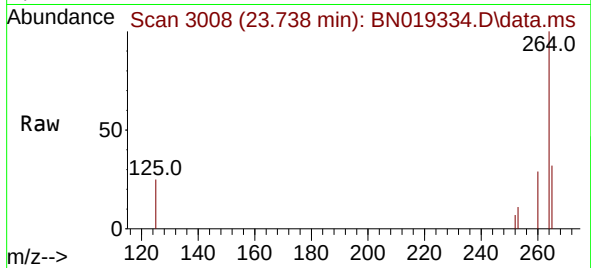




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.738 min Scan# 3012
 Delta R.T. -0.012 min
 Lab File: BN019334.D
 Acq: 05 Apr 2022 02:24

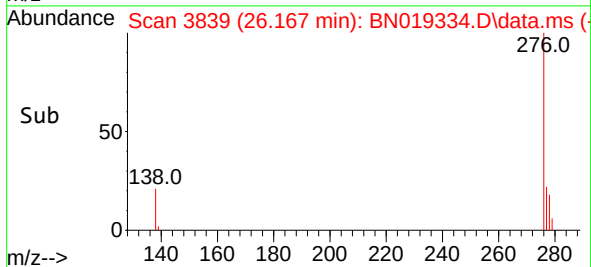
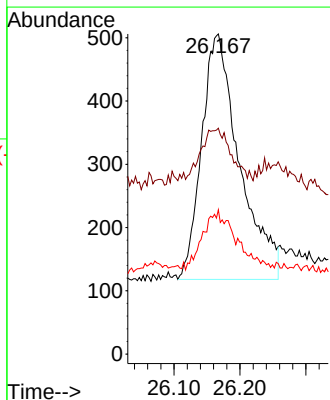
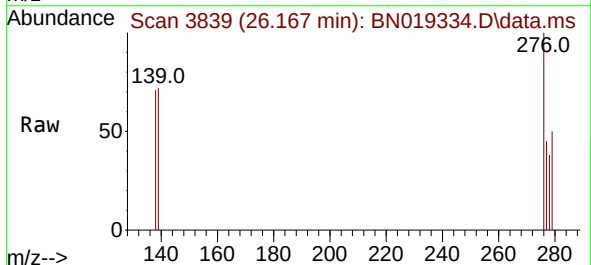
Instrument :
 BNA_N
 ClientSampleId :
 A08015

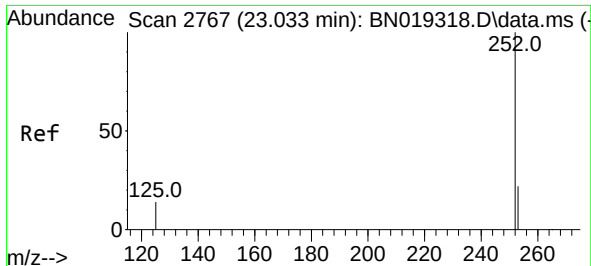
Tgt Ion:264	Resp:	14141
Ion Ratio	Lower	Upper
264	100	
260	29.5	22.4 33.6
265	32.4	25.3 37.9



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.026 ng
 RT: 26.167 min Scan# 3839
 Delta R.T. -0.006 min
 Lab File: BN019334.D
 Acq: 05 Apr 2022 02:24

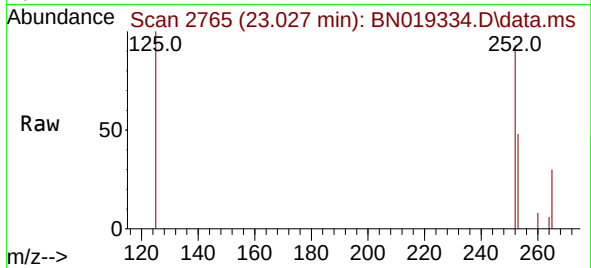
Tgt Ion:276	Resp:	1548
Ion Ratio	Lower	Upper
276	100	
138	16.6	24.5 36.7#
277	12.8	19.8 29.8#



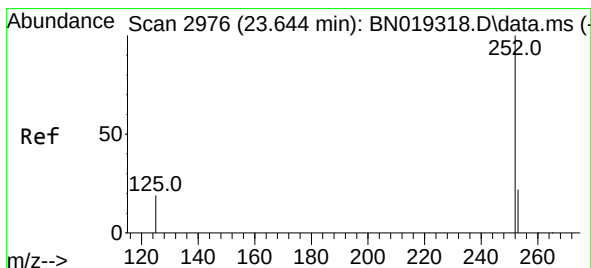
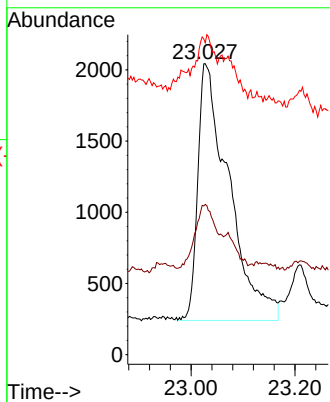


#37
Benzo(b)fluoranthene
Concen: 0.135 ng
RT: 23.027 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

Instrument :
BNA_N
ClientSampleId :
A08015

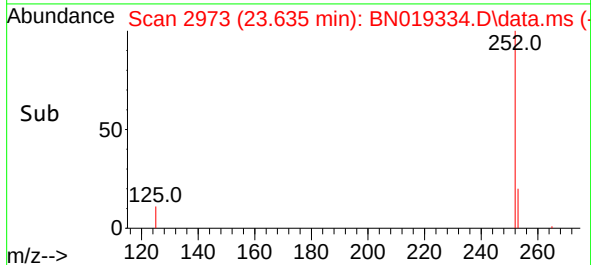
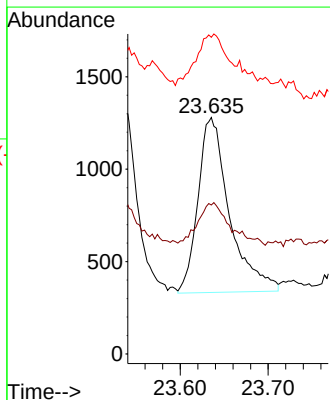
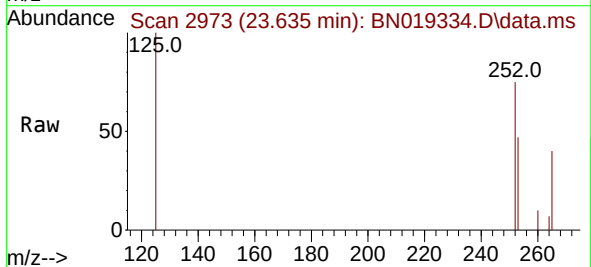


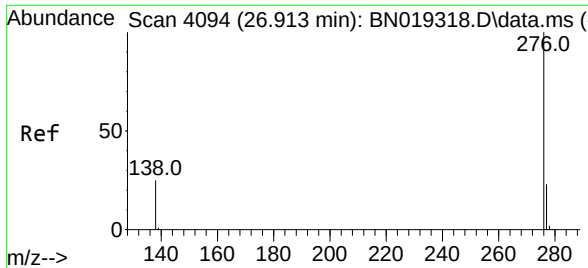
Tgt Ion:252 Resp: 7489
Ion Ratio Lower Upper
252 100
253 51.6 18.9 28.3#
125 107.2 12.1 18.1#



#39
Benzo(a)pyrene
Concen: 0.047 ng
RT: 23.635 min Scan# 2973
Delta R.T. -0.009 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

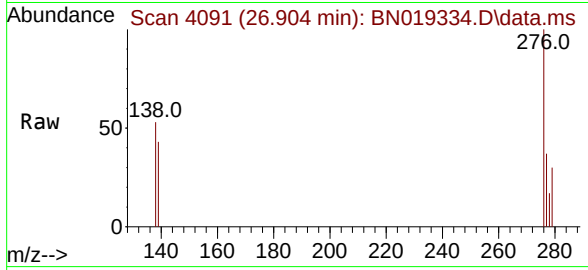
Tgt Ion:252 Resp: 2361
Ion Ratio Lower Upper
252 100
253 63.0 20.1 30.1#
125 133.9 15.2 22.8#





#41
 Benzo(g,h,i)perylene
 Concen: 0.042 ng
 RT: 26.904 min Scan# 4091
 Delta R.T. -0.009 min
 Lab File: BN019334.D
 Acq: 05 Apr 2022 02:24

Instrument :
 BNA_N
 ClientSampleId :
 A08015



Tgt Ion:	276	Resp:	2278
Ion	Ratio	Lower	Upper
276	100		
277	36.8	19.4	29.0#
138	53.3	21.0	31.6#

