

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
 Data File : BN021560.D
 Acq On : 02 Sep 2022 14:17
 Operator : CG/JU
 Sample : PB147412BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB147412BL

Quant Time: Sep 03 03:06:36 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

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

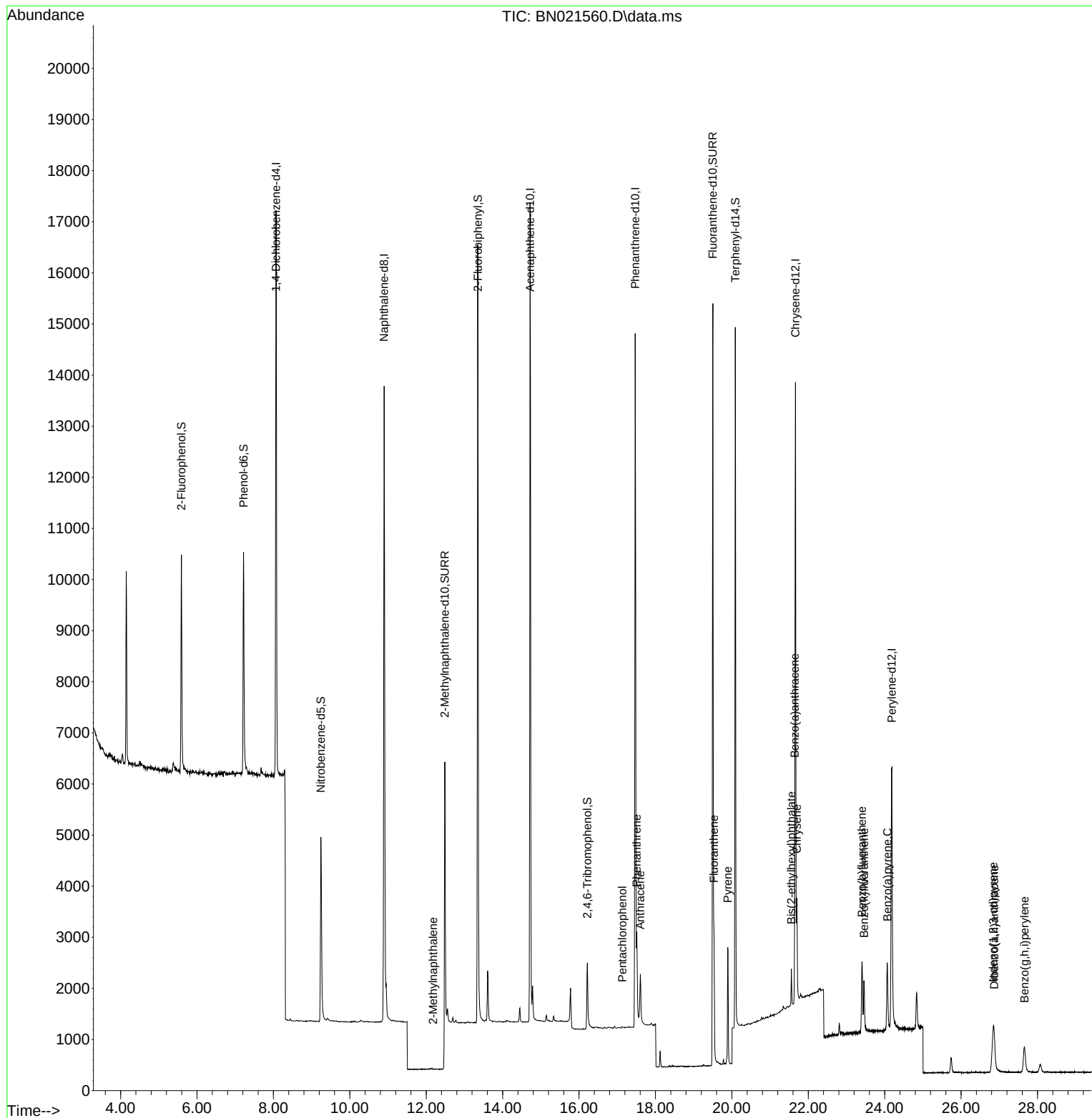
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5531	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	17434	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	9579	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	19655	0.400	ng	0.00
29) Chrysene-d12	21.664	240	11309	0.400	ng	0.00
35) Perylene-d12	24.185	264	8464	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.591	112	3753	0.347	ng	0.00
5) Phenol-d6	7.216	99	4823	0.350	ng	0.00
8) Nitrobenzene-d5	9.243	82	3538	0.300	ng	0.00
11) 2-Methylnaphthalene-d10	12.486	152	14162	0.360	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	895	0.285	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	13660	0.326	ng	0.00
27) Fluoranthene-d10	19.501	212	16388	0.324	ng	0.00
31) Terphenyl-d14	20.088	244	12392	0.488	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.183	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.131	266	28	0.208	ng	91
25) Phenanthrene	17.511	178	1612	0.024	ng	97
26) Anthracene	17.603	178	1183	0.022	ng	99
28) Fluoranthene	19.531	202	2186	0.031	ng	98
30) Pyrene	19.893	202	2126	0.035	ng	# 92
32) Benzo(a)anthracene	21.646	228	1337	0.034	ng	93
33) Chrysene	21.700	228	1636	0.035	ng	93
34) Bis(2-ethylhexyl)phtha...	21.556	149	740	0.047	ng	# 91
36) Indeno(1,2,3-cd)pyrene	26.842	276	1549	0.041	ng	# 89
37) Benzo(b)fluoranthene	23.407	252	1642	0.039	ng	# 53
38) Benzo(k)fluoranthene	23.460	252	1405	0.033	ng	# 60
39) Benzo(a)pyrene	24.071	252	1224	0.042	ng	# 1
40) Dibenzo(a,h)anthracene	26.869	278	1115	0.036	ng	# 67
41) Benzo(g,h,i)perylene	27.658	276	1257	0.037	ng	# 78

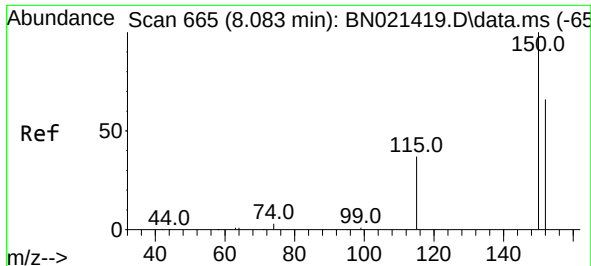
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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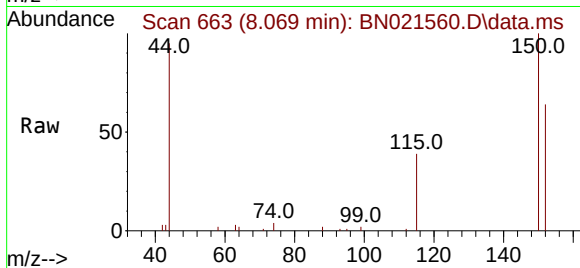
Quant Time: Sep 03 03:06:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration



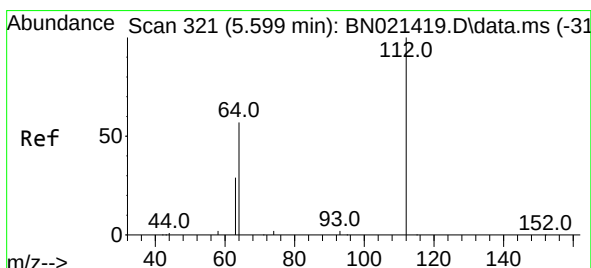
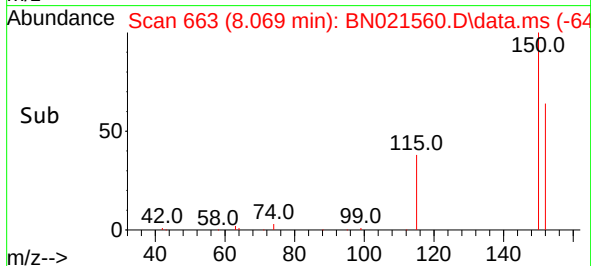
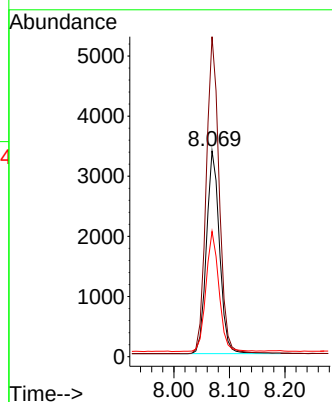


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN021560.D
Acq: 02 Sep 2022 14:17

Instrument :
BNA_N
ClientSampleId :
PB147412BL

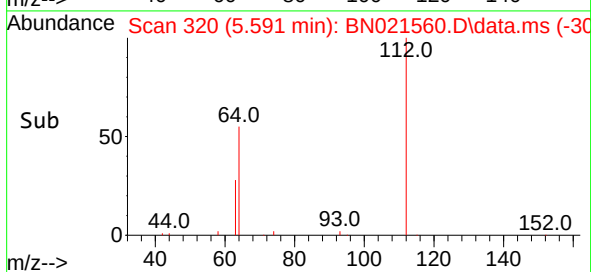
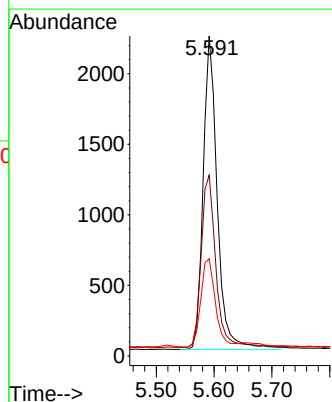
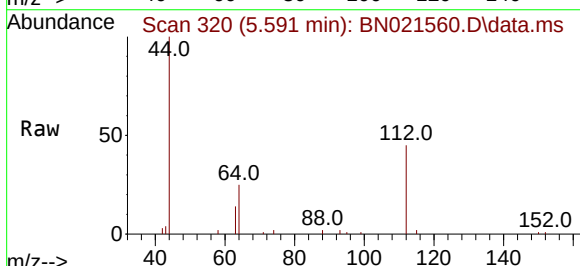


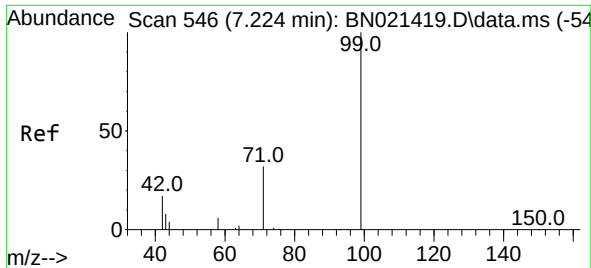
Tgt Ion:152 Resp: 5531
Ion Ratio Lower Upper
152 100
150 155.5 121.4 182.0
115 60.9 48.6 72.8



#4
2-Fluorophenol
Concen: 0.347 ng
RT: 5.591 min Scan# 320
Delta R.T. -0.000 min
Lab File: BN021560.D
Acq: 02 Sep 2022 14:17

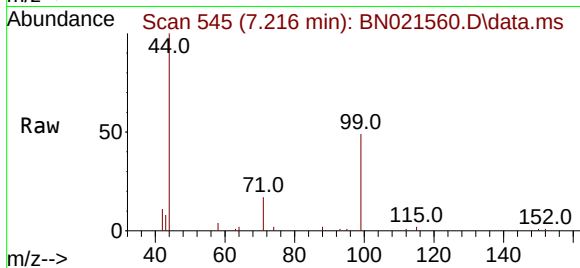
Tgt Ion:112 Resp: 3753
Ion Ratio Lower Upper
112 100
64 57.5 43.5 65.3
63 29.3 22.6 34.0





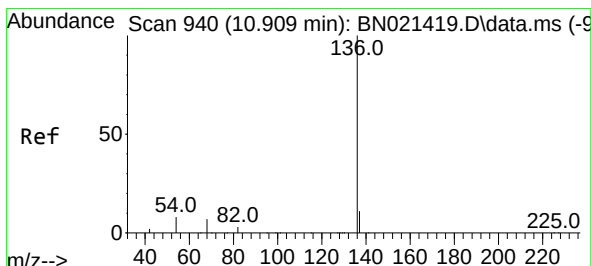
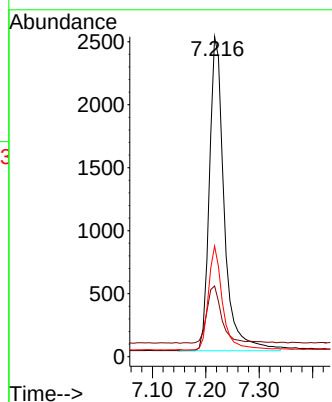
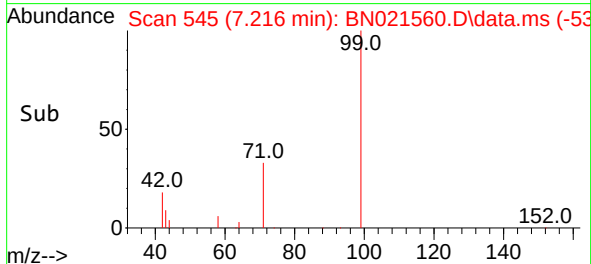
#5
Phenol-d6
Concen: 0.350 ng
RT: 7.216 min Scan# 546
Delta R.T. -0.000 min
Lab File: BN021560.D
Acq: 02 Sep 2022 14:17

Instrument :
BNA_N
ClientSampleId :
PB147412BL

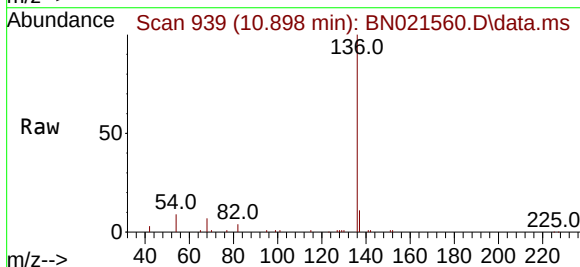


Tgt Ion: 99 Resp: 4823

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.5	23.3
71	31.9	24.2	36.2

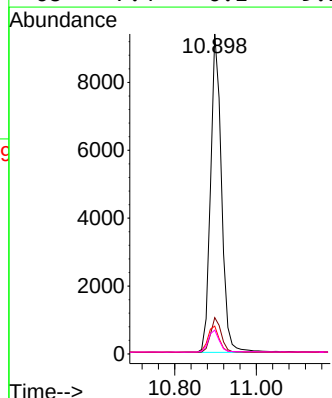
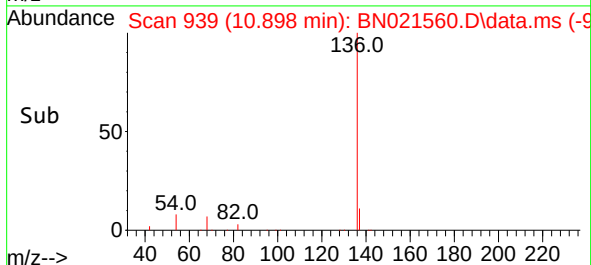


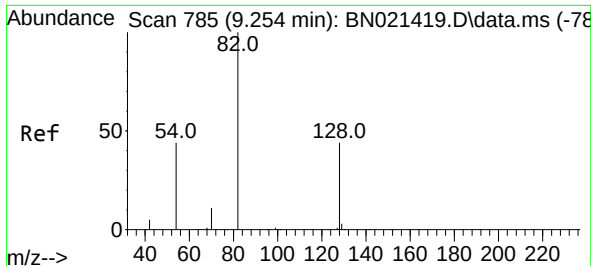
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 939
Delta R.T. -0.000 min
Lab File: BN021560.D
Acq: 02 Sep 2022 14:17



Tgt Ion: 136 Resp: 17434

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.7	6.9	10.3
68	7.4	6.1	9.1

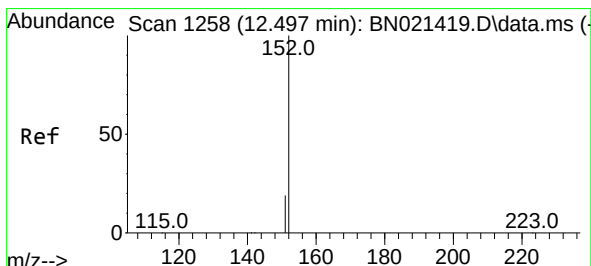
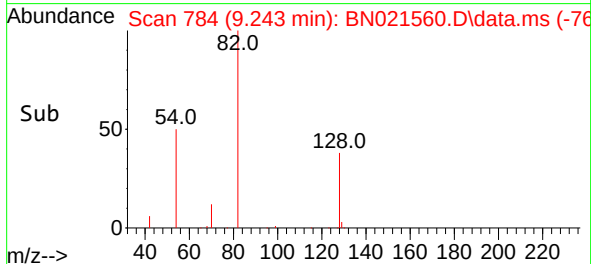
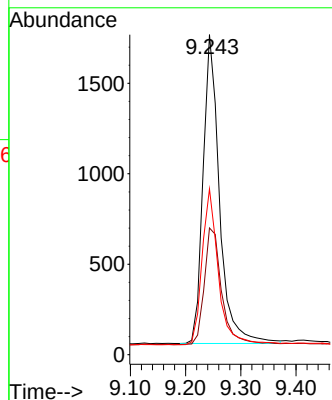
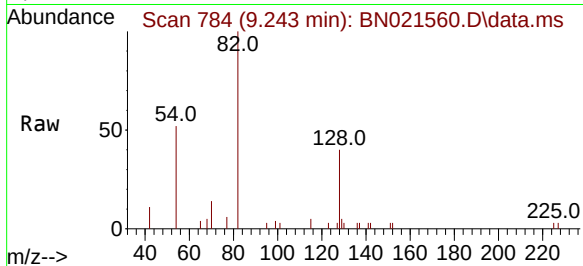




#8
 Nitrobenzene-d5
 Concen: 0.300 ng
 RT: 9.243 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: BN021560.D
 Acq: 02 Sep 2022 14:17

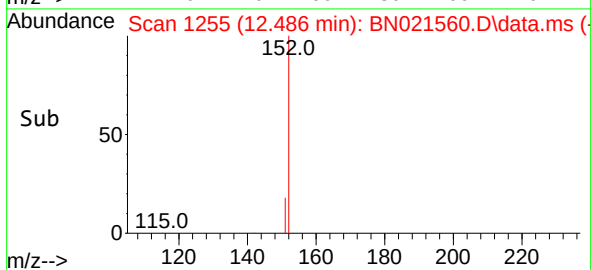
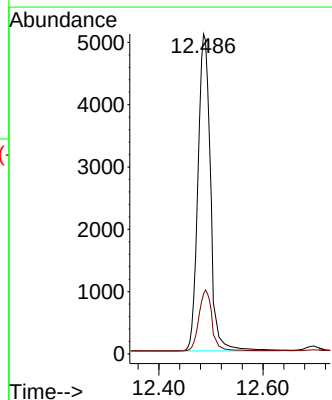
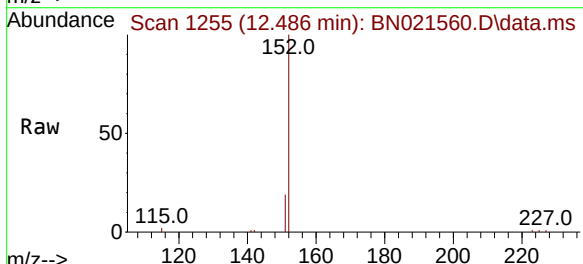
Instrument :
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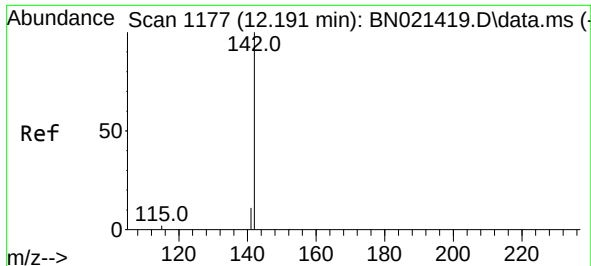
Tgt Ion: 82 Resp: 3538
 Ion Ratio Lower Upper
 82 100
 128 39.6 30.9 46.3
 54 51.8 42.7 64.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.360 ng
 RT: 12.486 min Scan# 1255
 Delta R.T. -0.000 min
 Lab File: BN021560.D
 Acq: 02 Sep 2022 14:17

Tgt Ion: 152 Resp: 14162
 Ion Ratio Lower Upper
 152 100
 151 18.5 14.5 21.7

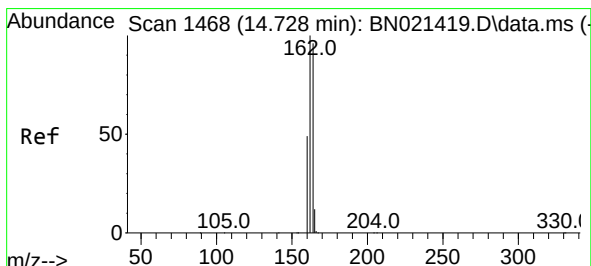
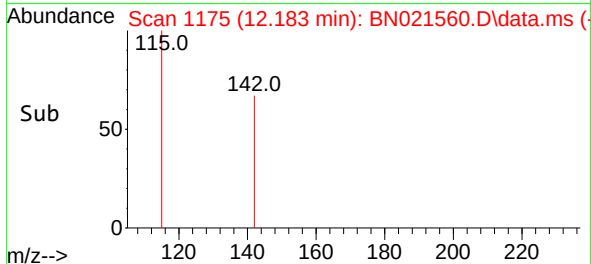
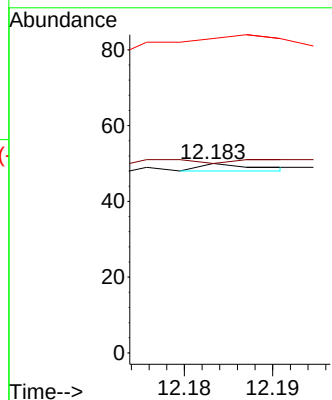
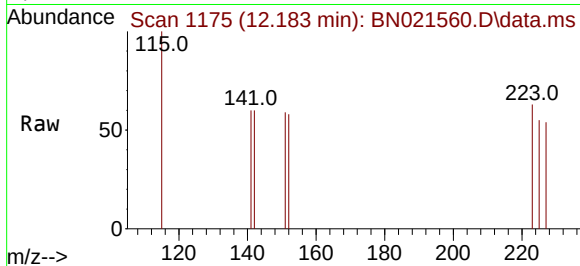




#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.183 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN021560.D
Acq: 02 Sep 2022 14:17

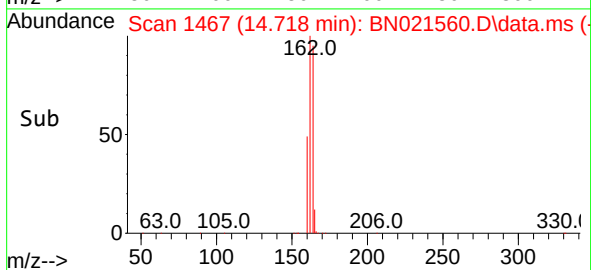
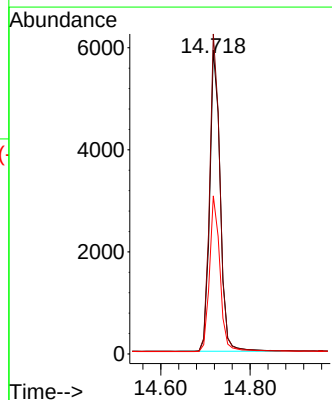
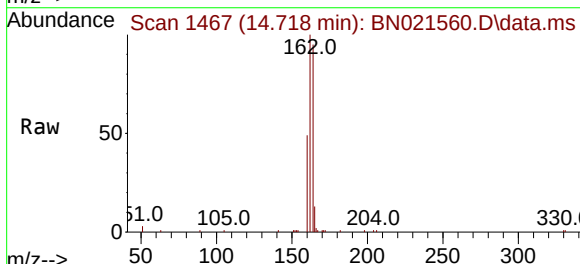
Instrument :
BNA_N
ClientSampleId :
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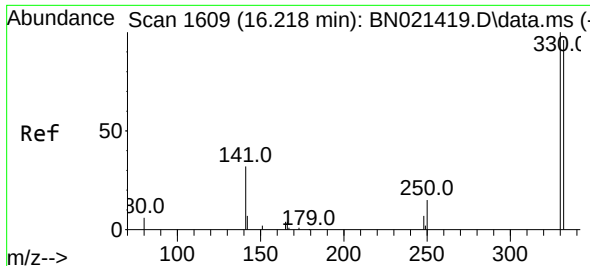
Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 100.0 12.2 18.2#
115 166.0 7.9 11.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BN021560.D
Acq: 02 Sep 2022 14:17

Tgt Ion:164 Resp: 9579
Ion Ratio Lower Upper
164 100
162 105.3 82.2 123.4
160 52.0 39.5 59.3

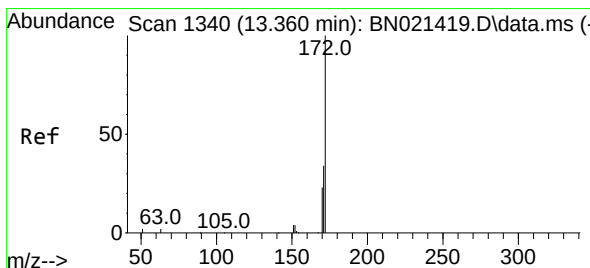
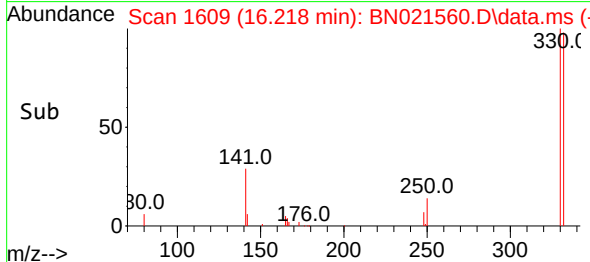
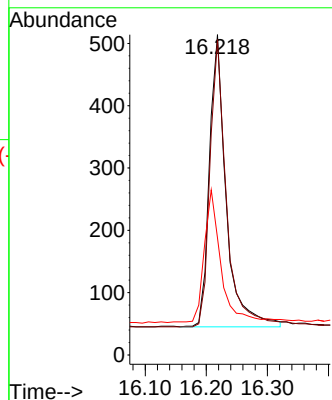
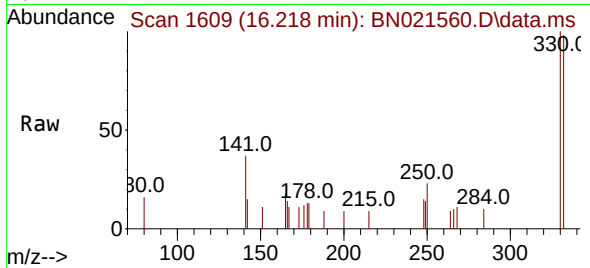




#14
2,4,6-Tribromophenol
Concen: 0.285 ng
RT: 16.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021560.D
Acq: 02 Sep 2022 14:17

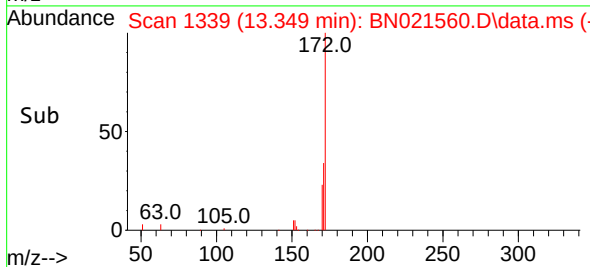
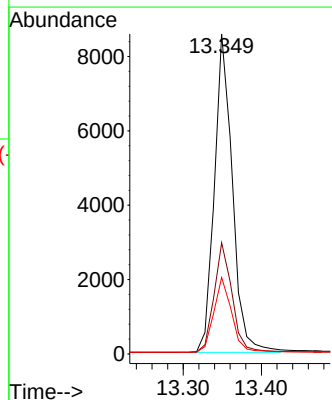
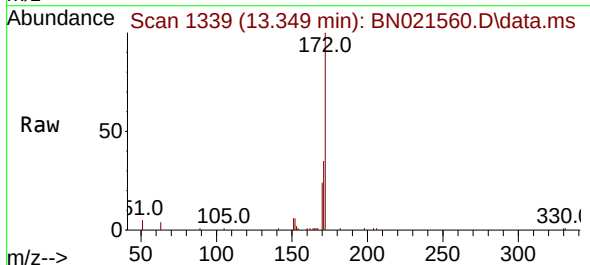
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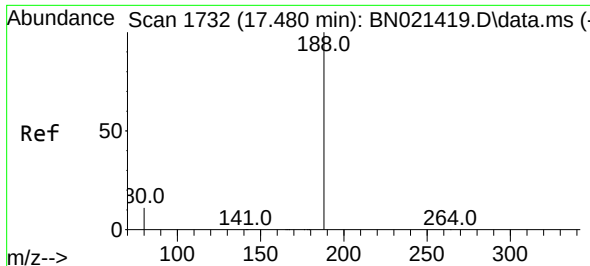
Tgt Ion:330 Resp: 895
Ion Ratio Lower Upper
330 100
332 96.5 79.3 118.9
141 45.8 37.1 55.7



#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 13.349 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BN021560.D
Acq: 02 Sep 2022 14:17

Tgt Ion:172 Resp: 13660
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.9 18.6 28.0

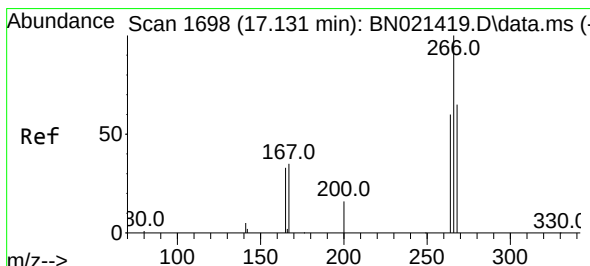
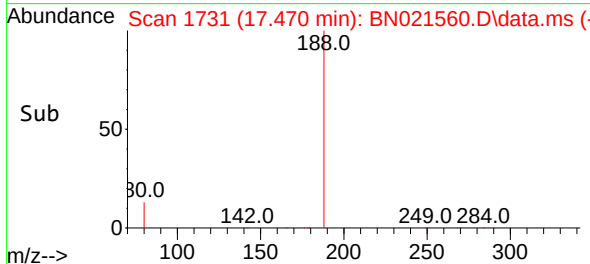
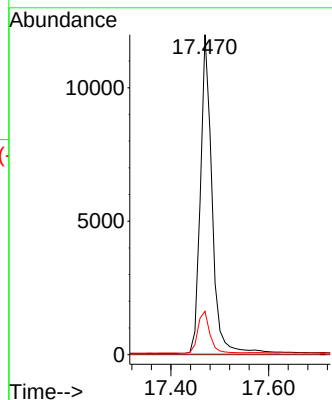
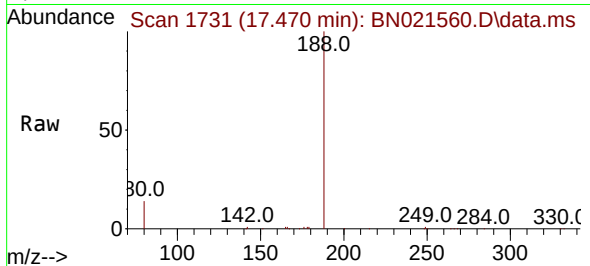




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BN021560.D
Acq: 02 Sep 2022 14:17

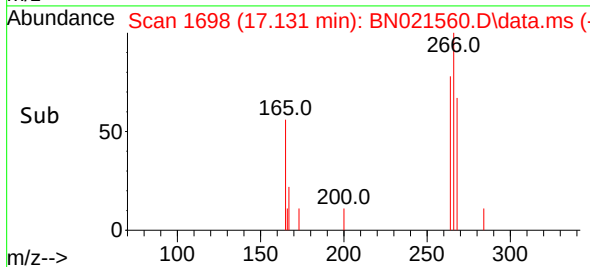
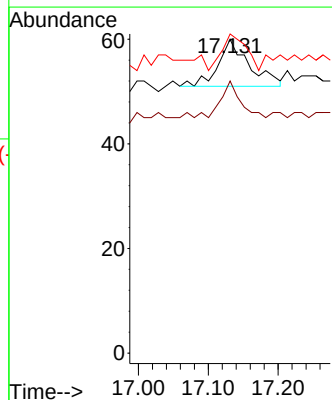
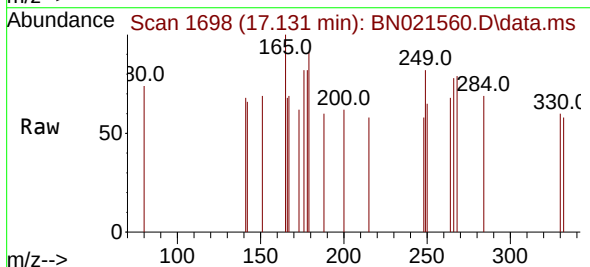
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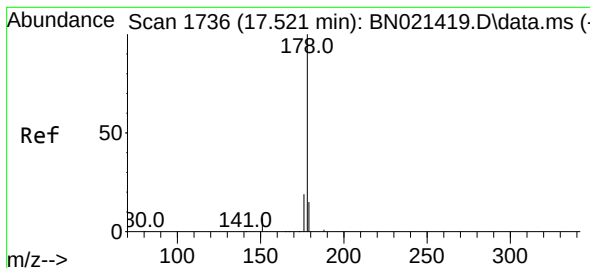
Tgt Ion:188 Resp: 19655
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 9.5 14.3



#24
Pentachlorophenol
Concen: 0.208 ng
RT: 17.131 min Scan# 1698
Delta R.T. 0.010 min
Lab File: BN021560.D
Acq: 02 Sep 2022 14:17

Tgt Ion:266 Resp: 28
Ion Ratio Lower Upper
266 100
264 50.0 49.0 73.6
268 60.7 50.9 76.3





#25

Phenanthrene

Concen: 0.024 ng

RT: 17.511 min Scan# 1735

Delta R.T. -0.000 min

Lab File: BN021560.D

Acq: 02 Sep 2022 14:17

Instrument :

BNA_N

ClientSampleId :

PB147412BL

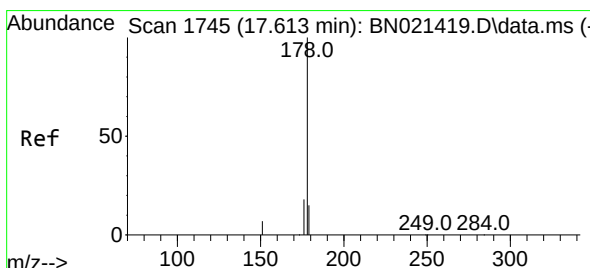
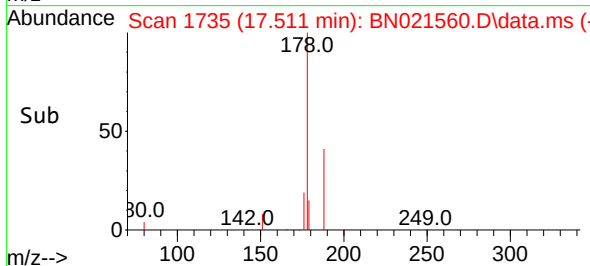
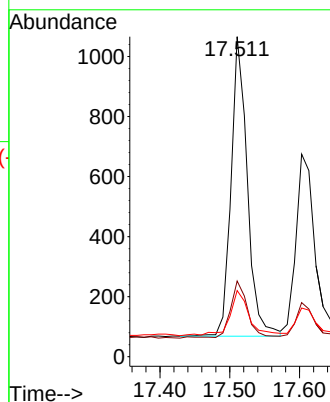
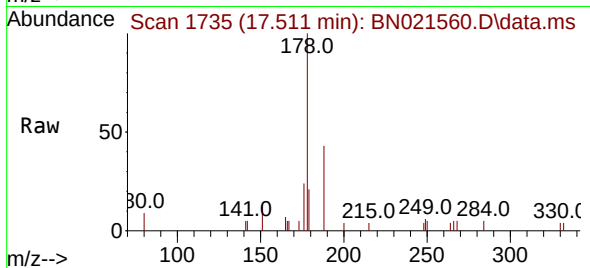
Tgt Ion:178 Resp: 1612

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 17.7 12.2 18.4



#26

Anthracene

Concen: 0.022 ng

RT: 17.603 min Scan# 1744

Delta R.T. -0.000 min

Lab File: BN021560.D

Acq: 02 Sep 2022 14:17

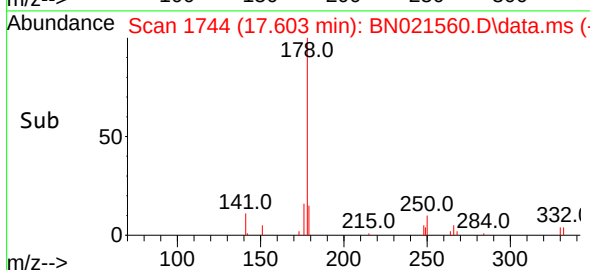
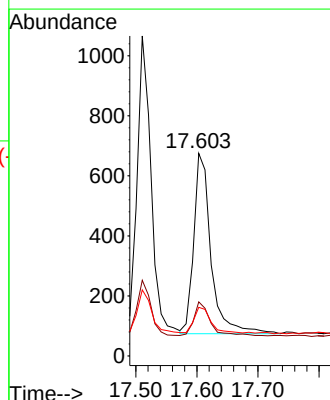
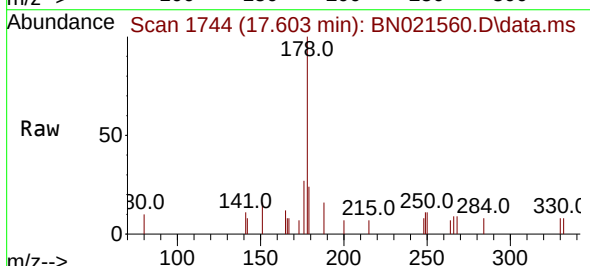
Tgt Ion:178 Resp: 1183

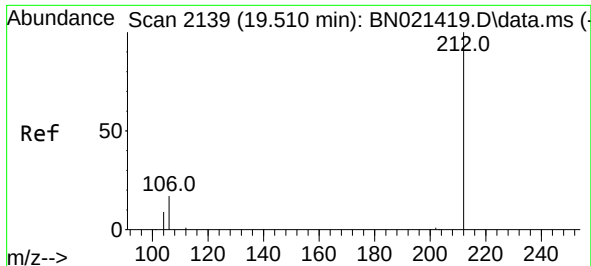
Ion Ratio Lower Upper

178 100

176 17.7 14.6 22.0

179 15.7 12.2 18.2

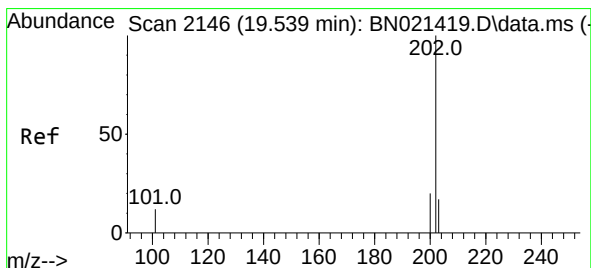
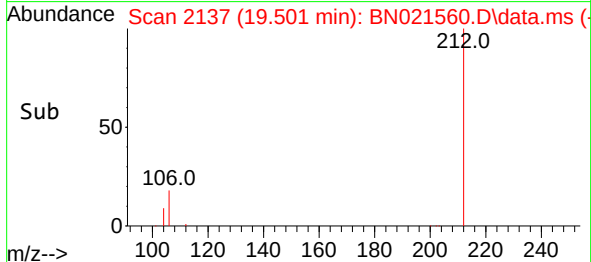
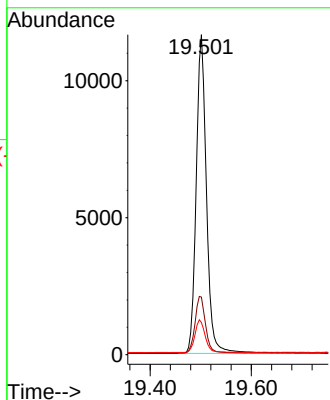
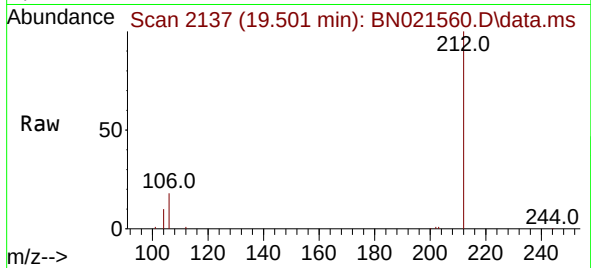




#27
Fluoranthene-d10
Concen: 0.324 ng
RT: 19.501 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BN021560.D
Acq: 02 Sep 2022 14:17

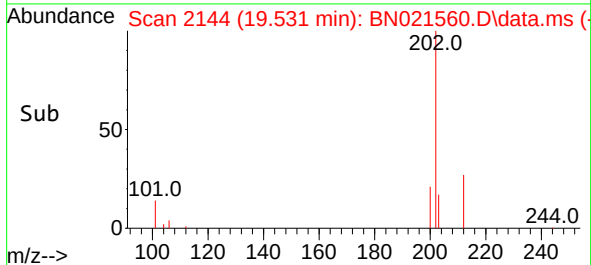
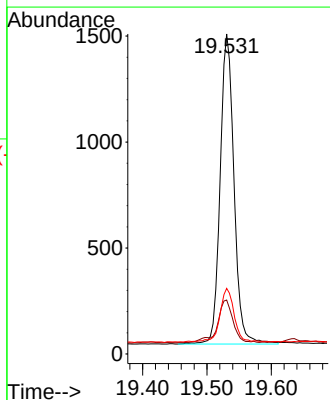
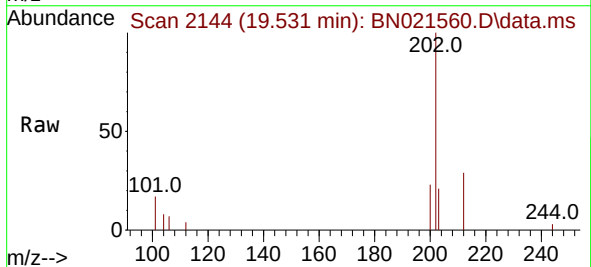
Instrument :
BNA_N
ClientSampleId :
PB147412BL

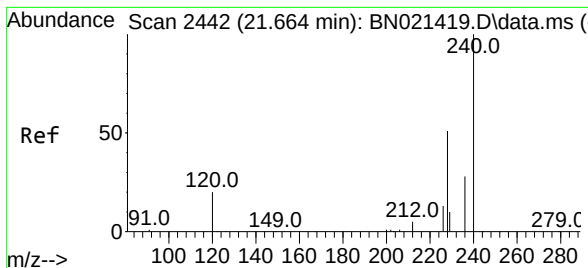
Tgt Ion:212 Resp: 16388
Ion Ratio Lower Upper
212 100
106 18.3 14.2 21.2
104 10.2 7.8 11.6



#28
Fluoranthene
Concen: 0.031 ng
RT: 19.531 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BN021560.D
Acq: 02 Sep 2022 14:17

Tgt Ion:202 Resp: 2186
Ion Ratio Lower Upper
202 100
101 15.6 10.9 16.3
203 17.2 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.664 min Scan# 2442

Delta R.T. -0.000 min

Lab File: BN021560.D

Acq: 02 Sep 2022 14:17

Instrument :

BNA_N

ClientSampleId :

PB147412BL

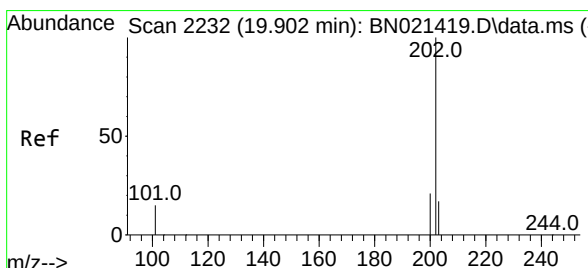
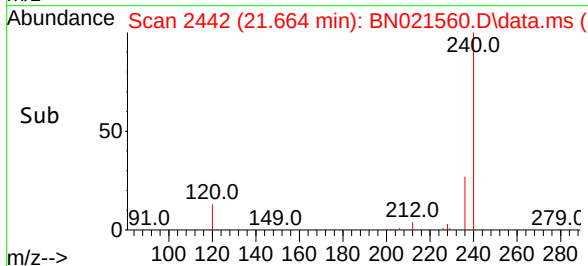
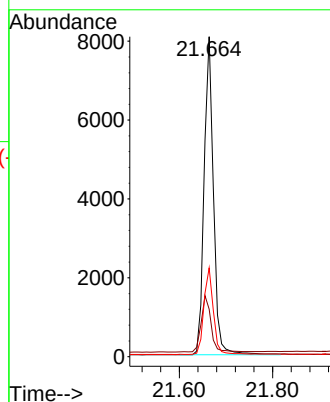
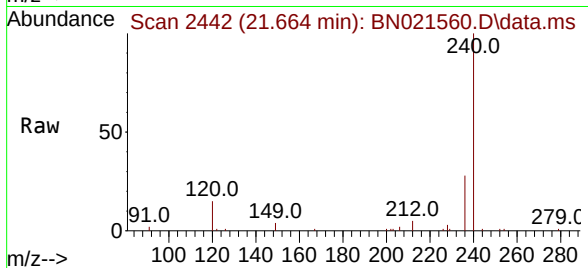
Tgt Ion:240 Resp: 11309

Ion Ratio Lower Upper

240 100

120 14.9 10.2 15.4

236 27.8 22.1 33.1



#30

Pyrene

Concen: 0.035 ng

RT: 19.893 min Scan# 2230

Delta R.T. -0.004 min

Lab File: BN021560.D

Acq: 02 Sep 2022 14:17

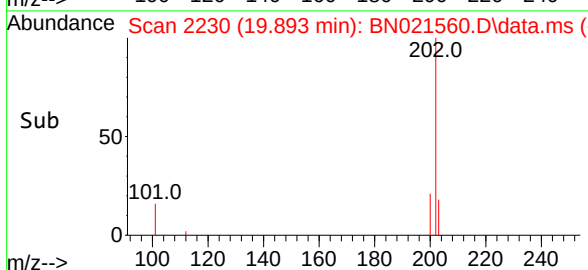
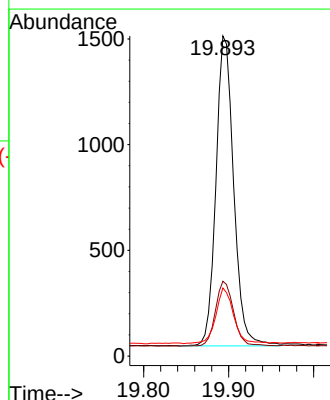
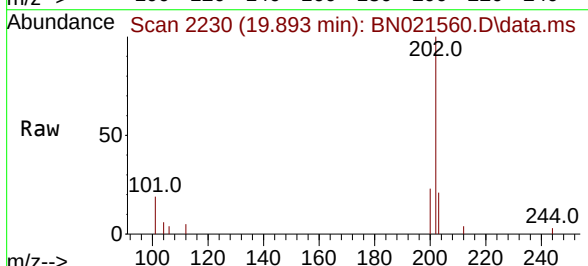
Tgt Ion:202 Resp: 2126

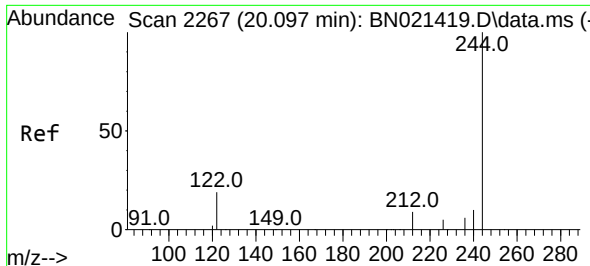
Ion Ratio Lower Upper

202 100

200 21.4 13.9 20.9#

203 17.8 11.9 17.9

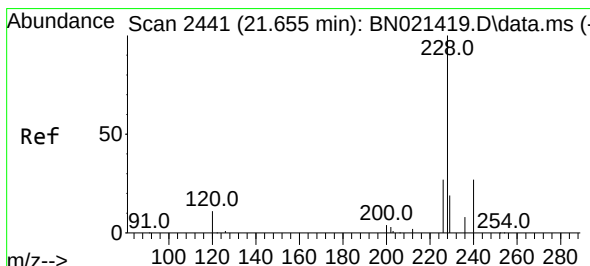
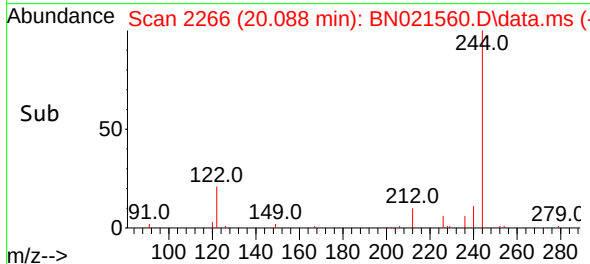
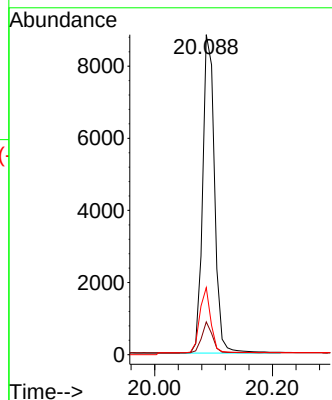
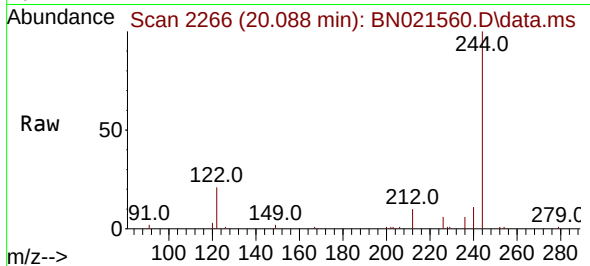




#31
 Terphenyl-d14
 Concen: 0.488 ng
 RT: 20.088 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021560.D
 Acq: 02 Sep 2022 14:17

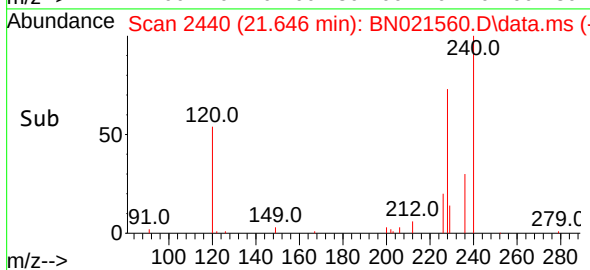
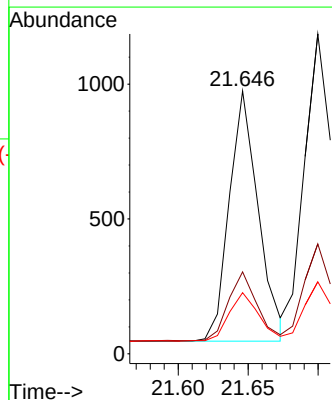
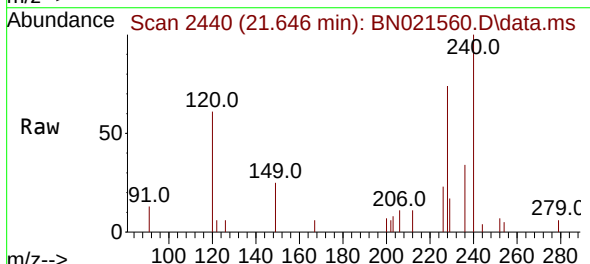
Instrument :
 BNA_N
 ClientSampleId :
 PB147412BL

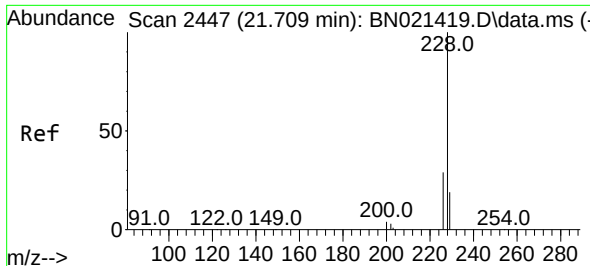
Tgt Ion:244 Resp: 12392
 Ion Ratio Lower Upper
 244 100
 212 10.2 6.5 9.7#
 122 20.9 9.1 13.7#



#32
 Benzo(a)anthracene
 Concen: 0.034 ng
 RT: 21.646 min Scan# 2440
 Delta R.T. -0.000 min
 Lab File: BN021560.D
 Acq: 02 Sep 2022 14:17

Tgt Ion:228 Resp: 1337
 Ion Ratio Lower Upper
 228 100
 226 31.2 22.0 33.0
 229 23.3 15.9 23.9

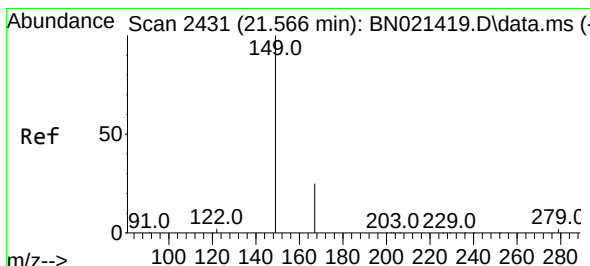
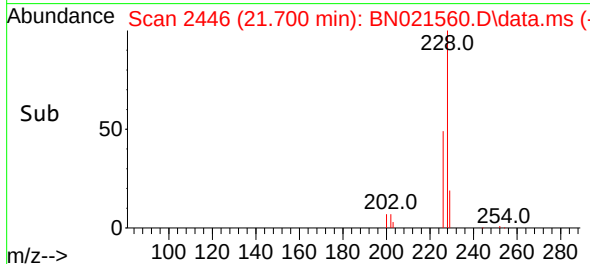
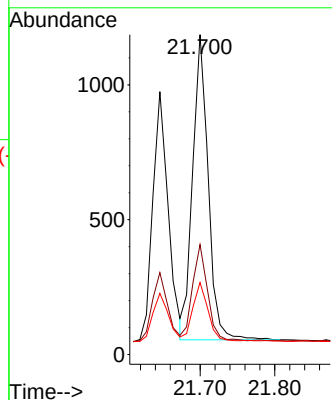
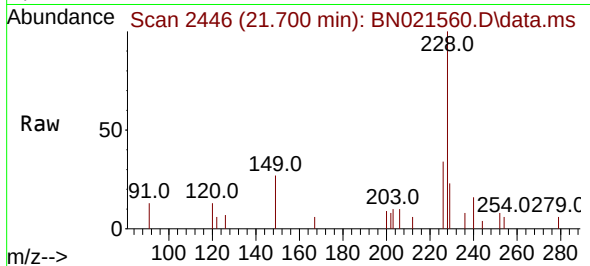




#33
Chrysene
Concen: 0.035 ng
RT: 21.700 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BN021560.D
Acq: 02 Sep 2022 14:17

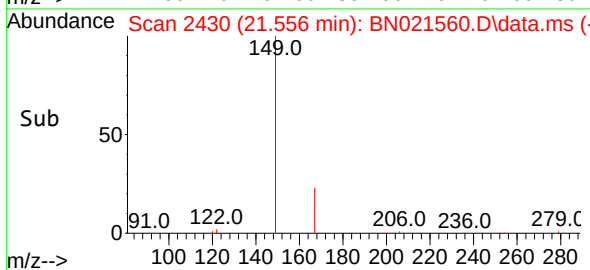
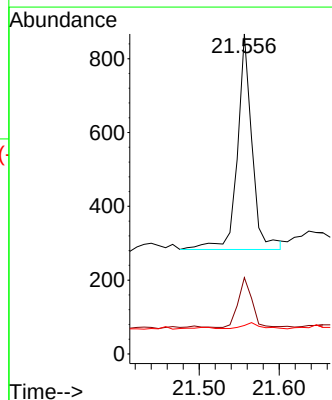
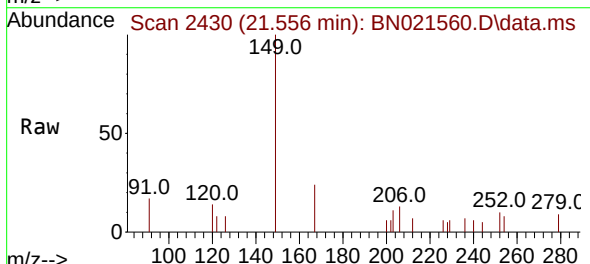
Instrument :
BNA_N
ClientSampleId :
PB147412BL

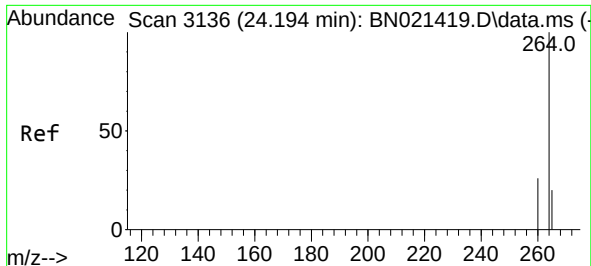
Tgt Ion:228 Resp: 1636
Ion Ratio Lower Upper
228 100
226 34.4 24.2 36.2
229 22.5 15.9 23.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.047 ng
RT: 21.556 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN021560.D
Acq: 02 Sep 2022 14:17

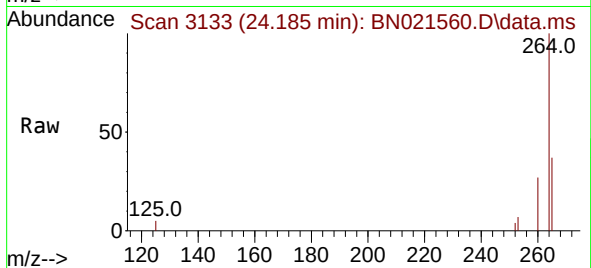
Tgt Ion:149 Resp: 740
Ion Ratio Lower Upper
149 100
167 21.9 21.4 32.0
279 3.4 2.2 3.2#





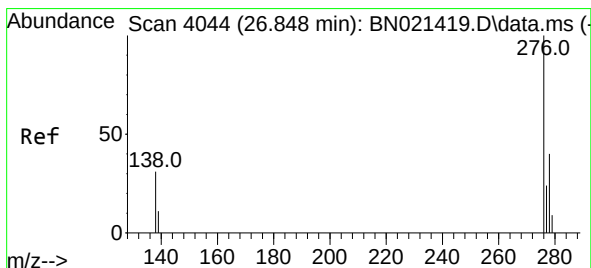
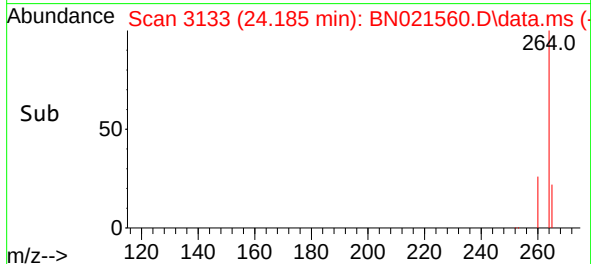
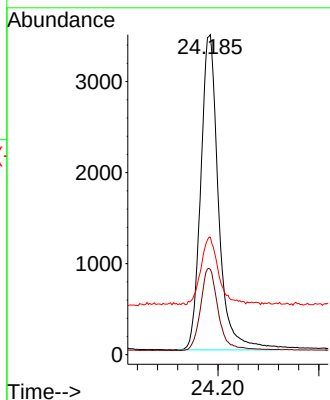
#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.185 min Scan# 3133
 Delta R.T. -0.000 min
 Lab File: BN021560.D
 Acq: 02 Sep 2022 14:17

Instrument :
 BNA_N
 ClientSampleId :
 PB147412BL



Tgt Ion: 264 Resp: 8464

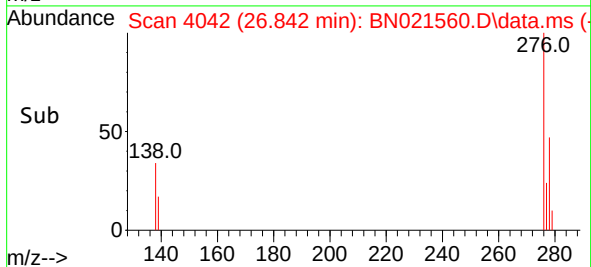
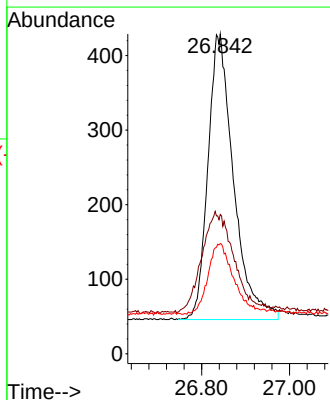
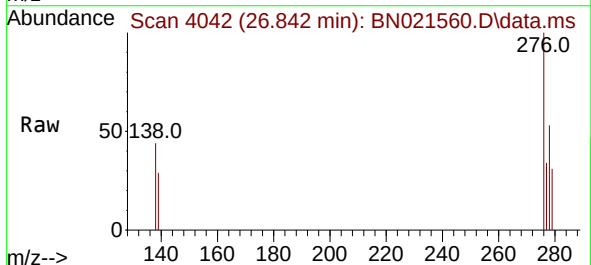
Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.0	31.6
265	36.7	32.2	48.2

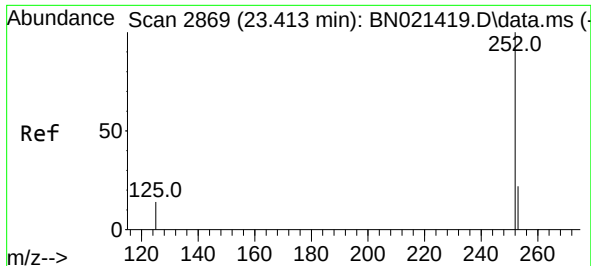


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.041 ng
 RT: 26.842 min Scan# 4042
 Delta R.T. 0.003 min
 Lab File: BN021560.D
 Acq: 02 Sep 2022 14:17

Tgt Ion: 276 Resp: 1549

Ion	Ratio	Lower	Upper
276	100		
138	23.2	27.4	41.2#
277	24.9	19.9	29.9

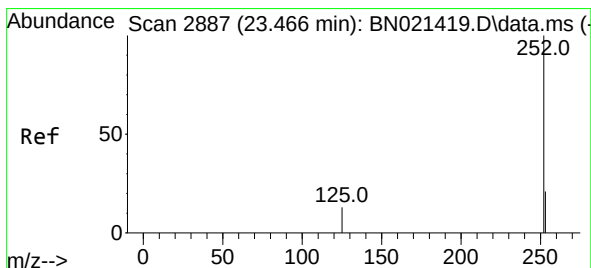
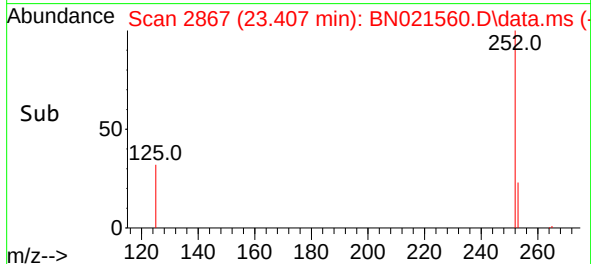
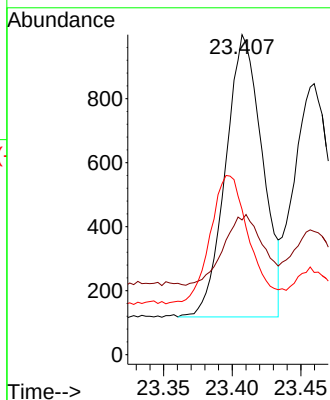
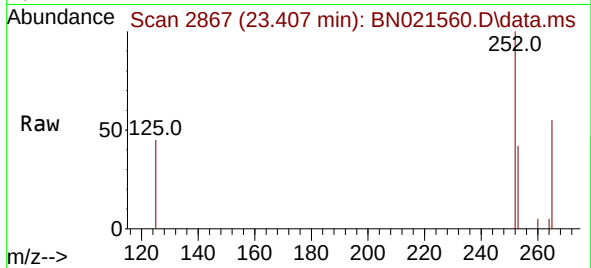




#37
Benzo(b)fluoranthene
Concen: 0.039 ng
RT: 23.407 min Scan# 2867
Delta R.T. -0.000 min
Lab File: BN021560.D
Acq: 02 Sep 2022 14:17

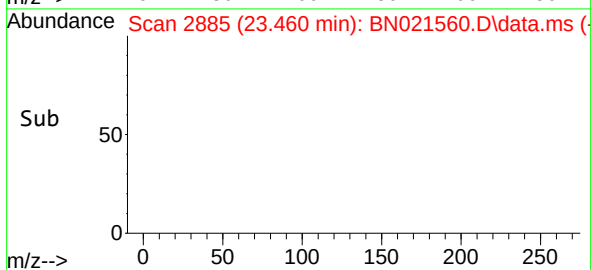
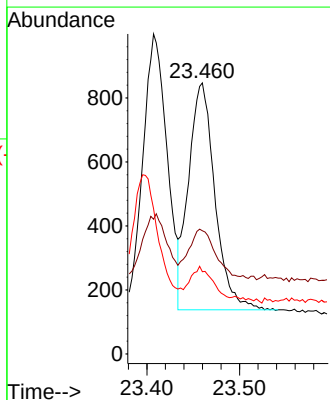
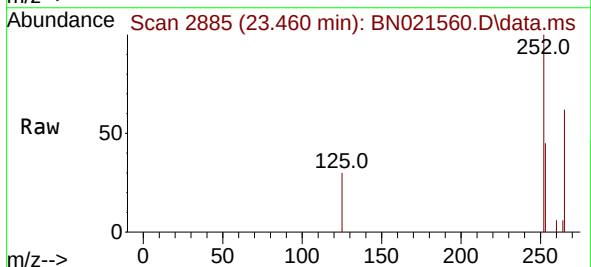
Instrument :
BNA_N
ClientSampleId :
PB147412BL

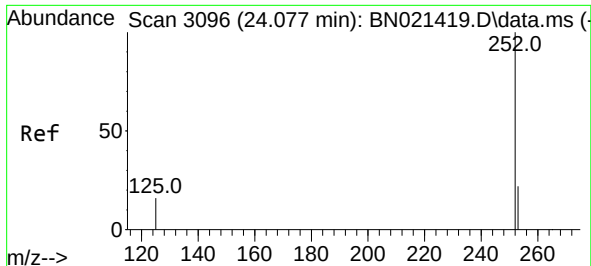
Tgt Ion:252 Resp: 1642
Ion Ratio Lower Upper
252 100
253 42.1 19.8 29.6#
125 45.4 13.7 20.5#



#38
Benzo(k)fluoranthene
Concen: 0.033 ng
RT: 23.460 min Scan# 2885
Delta R.T. -0.000 min
Lab File: BN021560.D
Acq: 02 Sep 2022 14:17

Tgt Ion:252 Resp: 1405
Ion Ratio Lower Upper
252 100
253 45.5 19.5 29.3#
125 30.3 12.3 18.5#





#39

Benzo(a)pyrene

Concen: 0.042 ng

RT: 24.071 min Scan# 3096

Delta R.T. 0.003 min

Lab File: BN021560.D

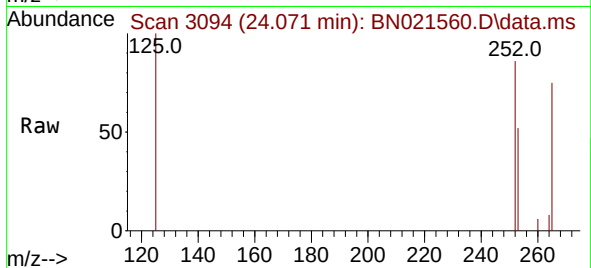
Acq: 02 Sep 2022 14:17

Instrument :

BNA_N

ClientSampleId :

PB147412BL



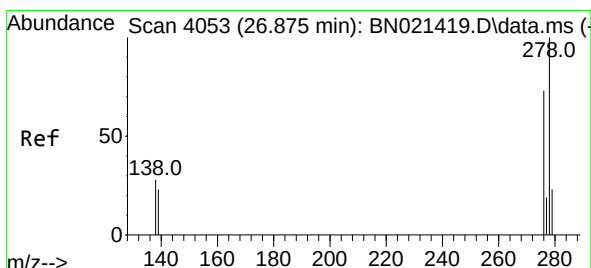
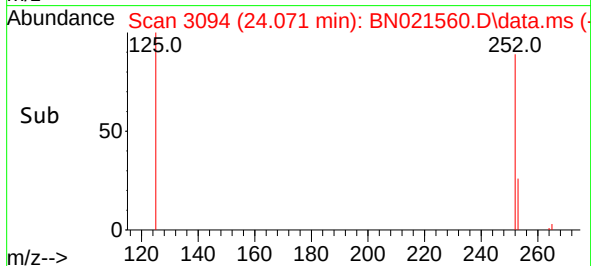
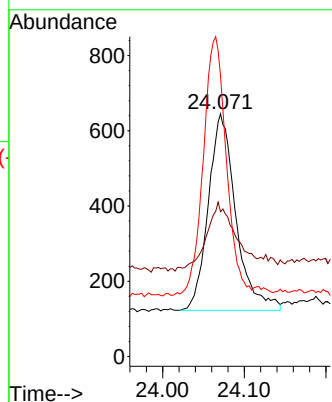
Tgt Ion:252 Resp: 1224

Ion Ratio Lower Upper

252 100

253 59.7 21.1 31.7#

125 115.7 16.6 25.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.036 ng

RT: 26.869 min Scan# 4051

Delta R.T. 0.012 min

Lab File: BN021560.D

Acq: 02 Sep 2022 14:17

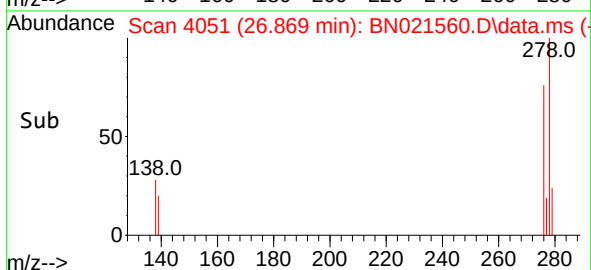
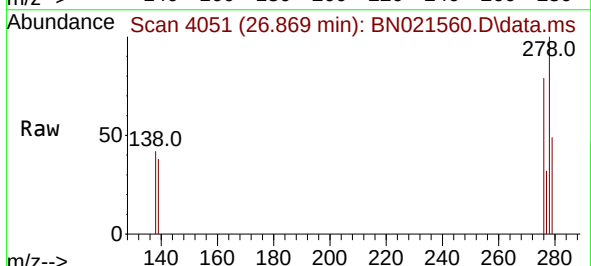
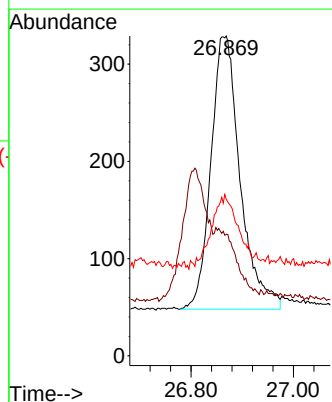
Tgt Ion:278 Resp: 1115

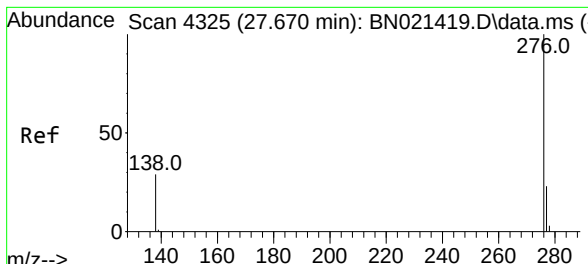
Ion Ratio Lower Upper

278 100

139 38.0 21.8 32.6#

279 48.9 20.4 30.6#





#41

Benzo(g,h,i)perylene

Concen: 0.037 ng

RT: 27.658 min Scan# 41

Delta R.T. 0.006 min

Lab File: BN021560.D

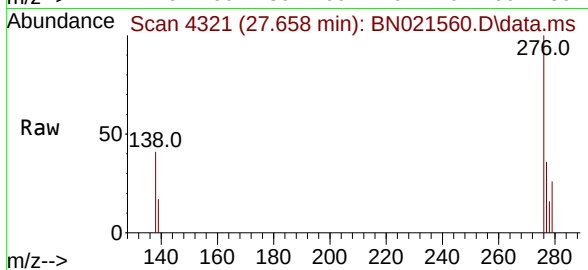
Acq: 02 Sep 2022 14:17

Instrument :

BNA_N

ClientSampleId :

PB147412BL



Tgt Ion:276 Resp: 1257

Ion Ratio Lower Upper

276 100

277 35.9 19.7 29.5#

138 40.9 23.7 35.5#

