

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
 Data File : BN032135.D
 Acq On : 21 Jun 2024 17:21
 Operator : MA/JU
 Sample : PB161642BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB161642BL

Quant Time: Jun 21 18:05:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

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

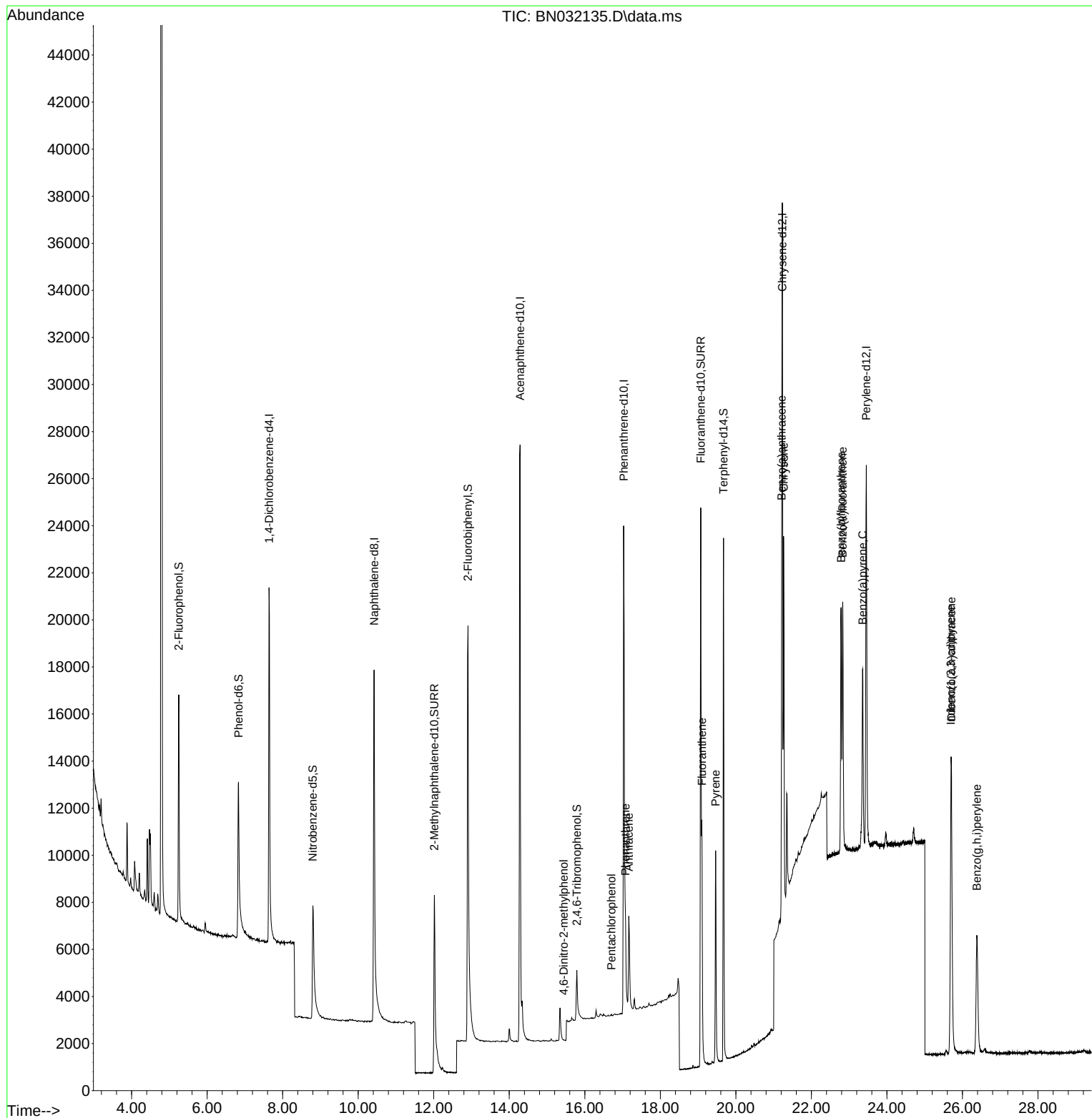
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	9047	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	29054	0.400	ng	0.00
13) Acenaphthene-d10	14.285	164	19079	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	37007	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	24048	0.400	ng	# 0.00
35) Perylene-d12	23.452	264	23172	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	9107	0.354	ng	0.00
5) Phenol-d6	6.830	99	10208	0.303	ng	0.00
8) Nitrobenzene-d5	8.798	82	7480	0.310	ng	0.00
11) 2-Methylnaphthalene-d10	12.017	152	16030	0.346	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	1779	0.195	ng	0.00
15) 2-Fluorobiphenyl	12.906	172	25762	0.356	ng	0.00
27) Fluoranthene-d10	19.068	212	32034	0.318	ng	0.00
31) Terphenyl-d14	19.672	244	23313	0.397	ng	0.00
Target Compounds						
						Qvalue
20) 4,6-Dinitro-2-methylph...	15.440	198	8	0.176	ng	# 1
24) Pentachlorophenol	16.706	266	34	0.173	ng	# 30
25) Phenanthrene	17.078	178	3786	0.037	ng	97
26) Anthracene	17.165	178	5782	0.061	ng	99
28) Fluoranthene	19.100	202	8944	0.072	ng	99
30) Pyrene	19.463	202	9501	0.099	ng	99
32) Benzo(a)anthracene	21.211	228	13407	0.148	ng	97
33) Chrysene	21.265	228	13492	0.158	ng	97
36) Indeno(1,2,3-cd)pyrene	25.694	276	15656	0.181	ng	99
37) Benzo(b)fluoranthene	22.785	252	14458	0.171	ng	# 81
38) Benzo(k)fluoranthene	22.829	252	13711	0.172	ng	# 80
39) Benzo(a)pyrene	23.356	252	11520	0.158	ng	# 74
40) Dibenzo(a,h)anthracene	25.706	278	11783	0.173	ng	# 89
41) Benzo(g,h,i)perylene	26.382	276	11570	0.158	ng	91

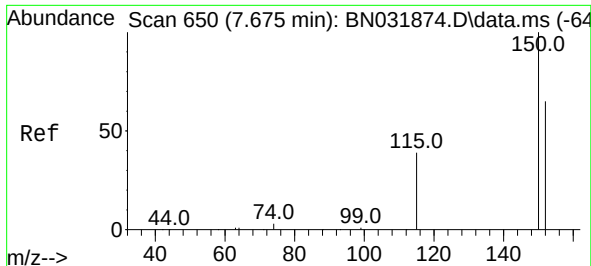
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
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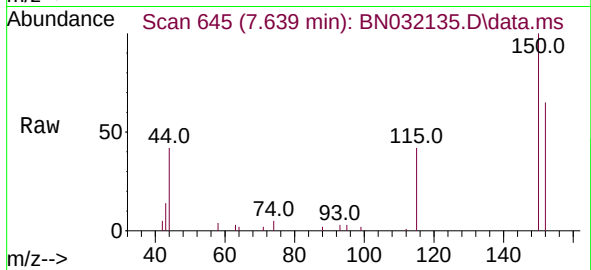
Quant Time: Jun 21 18:05:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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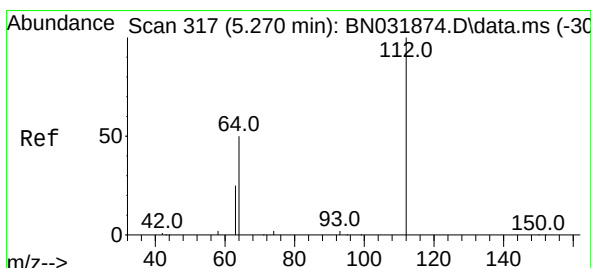
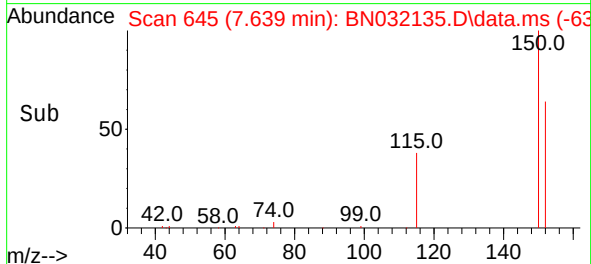
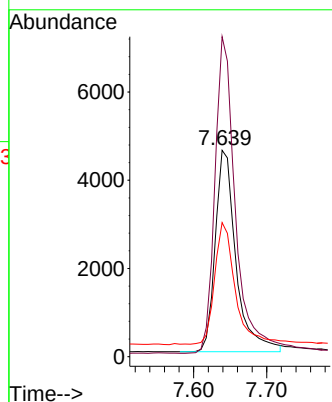


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.639 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

Instrument :
BNA_N
ClientSampleId :
PB161642BL

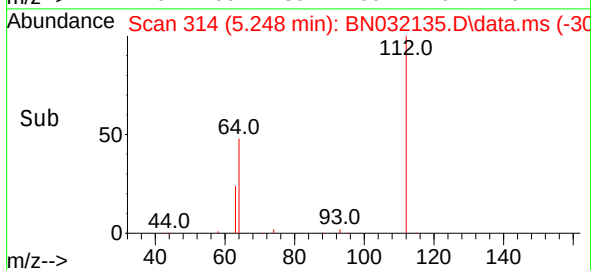
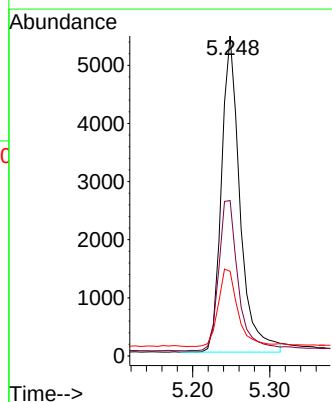
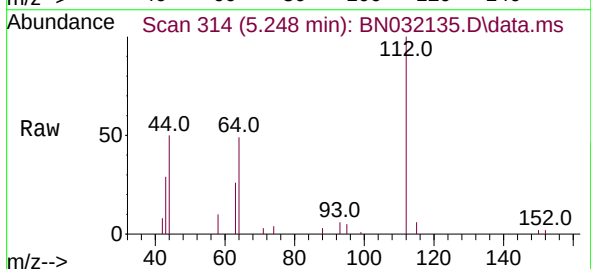


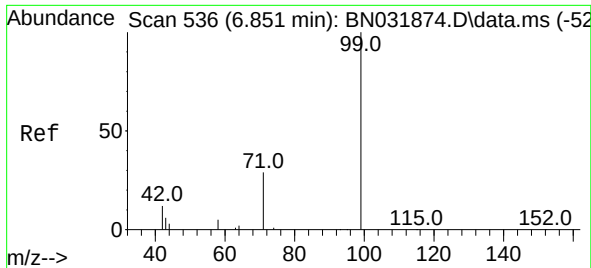
Tgt Ion:152 Resp: 9047
Ion Ratio Lower Upper
152 100
150 155.0 121.0 181.4
115 64.9 49.4 74.0



#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.248 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

Tgt Ion:112 Resp: 9107
Ion Ratio Lower Upper
112 100
64 50.4 42.4 63.6
63 25.9 22.1 33.1

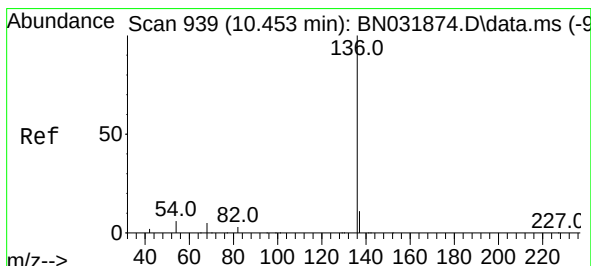
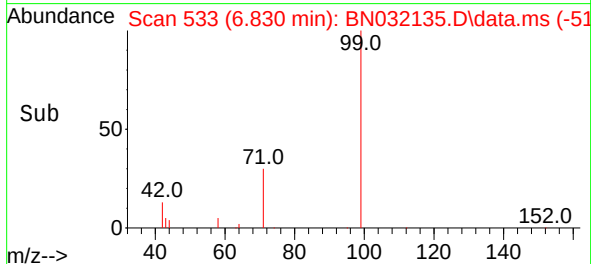
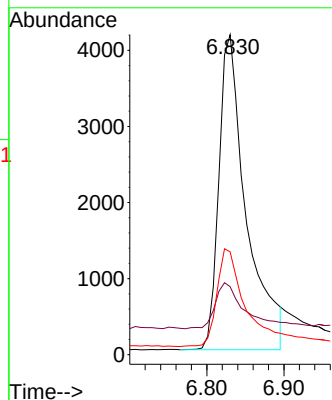
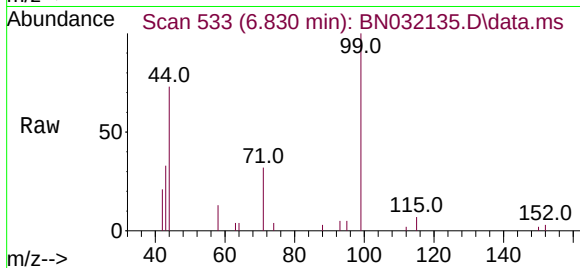




#5
Phenol-d6
Concen: 0.303 ng
RT: 6.830 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

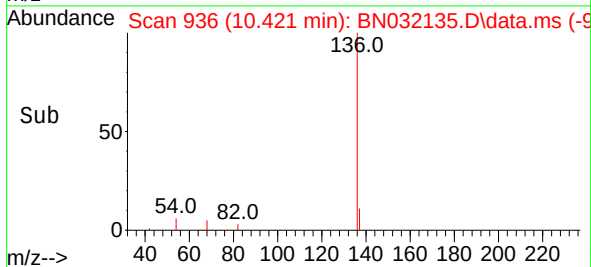
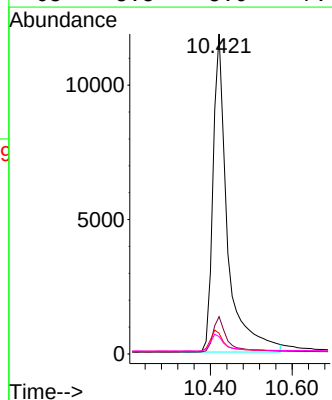
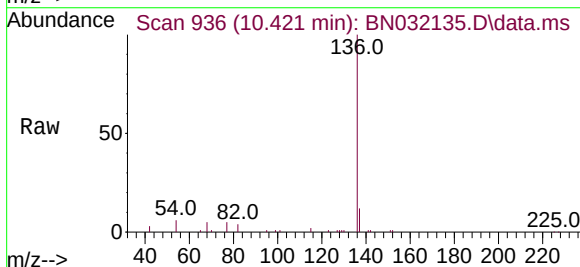
Instrument :
BNA_N
ClientSampleId :
PB161642BL

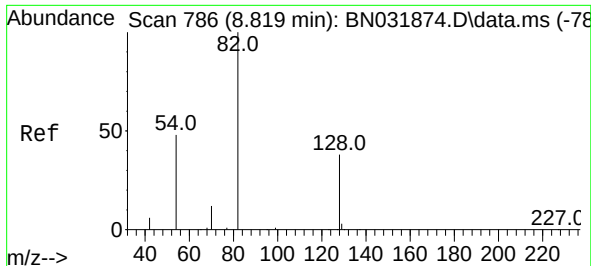
Tgt Ion: 99 Resp: 10208
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 31.9 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

Tgt Ion: 136 Resp: 29054
Ion Ratio Lower Upper
136 100
137 11.7 8.9 13.3
54 6.4 5.6 8.4
68 5.5 5.0 7.4

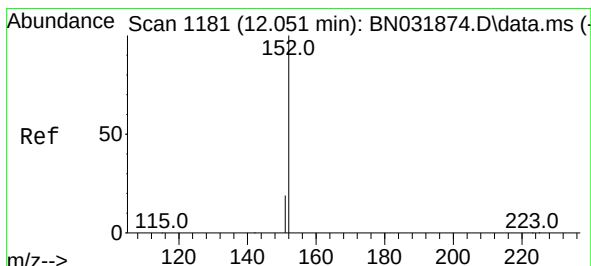
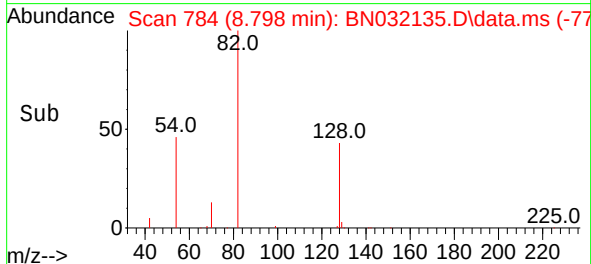
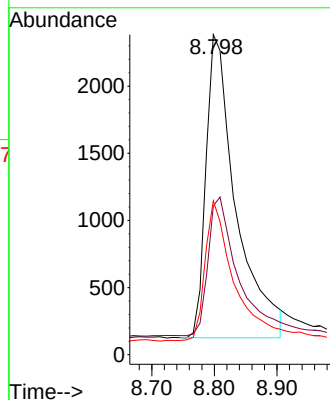
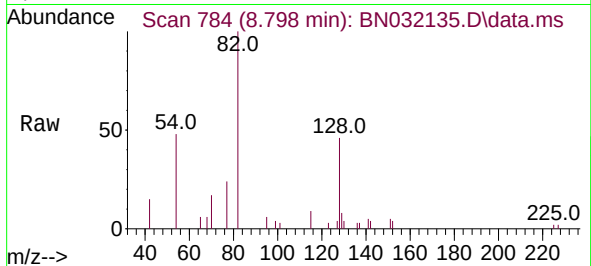




#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 8.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

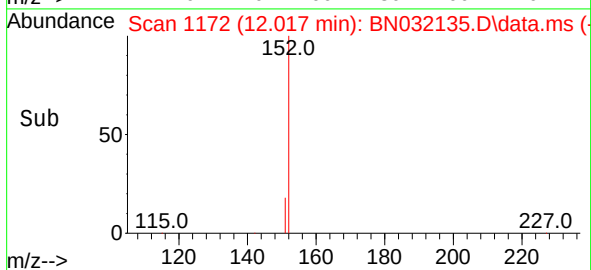
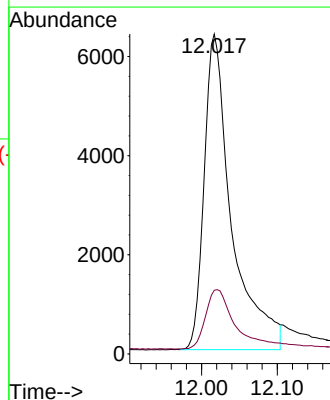
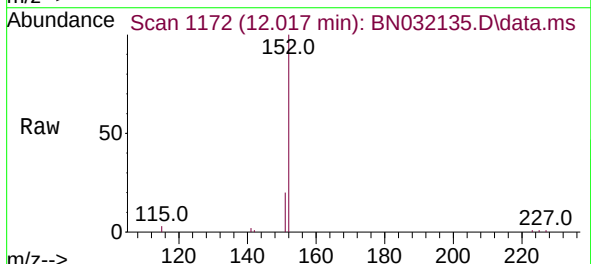
Instrument :
BNA_N
ClientSampleId :
PB161642BL

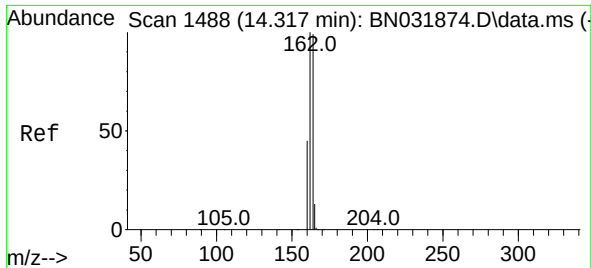
Tgt Ion: 82 Resp: 7480
Ion Ratio Lower Upper
82 100
128 46.5 32.1 48.1
54 48.1 39.7 59.5



#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 12.017 min Scan# 1172
Delta R.T. -0.004 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

Tgt Ion: 152 Resp: 16030
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5

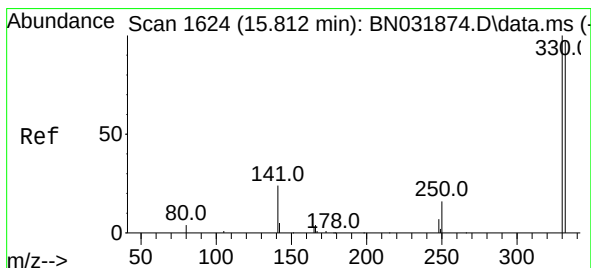
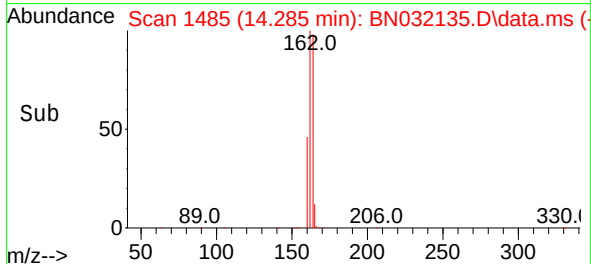
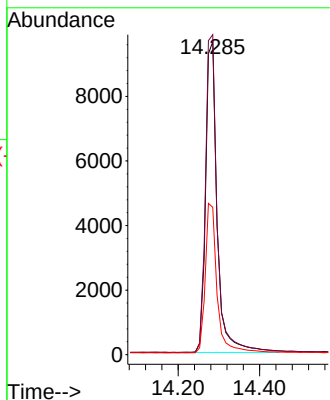
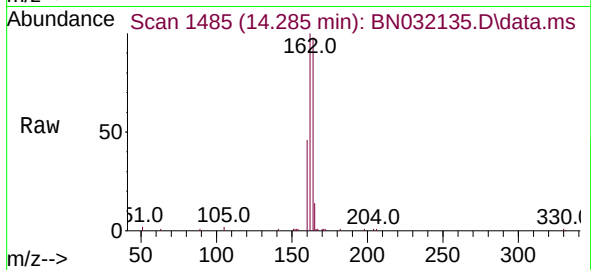




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.285 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

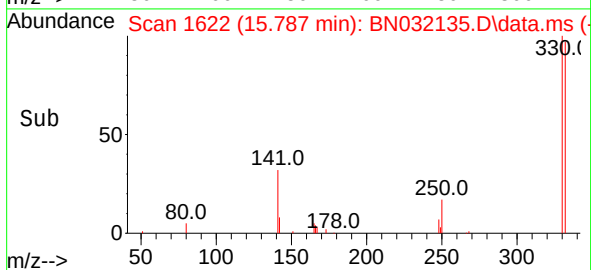
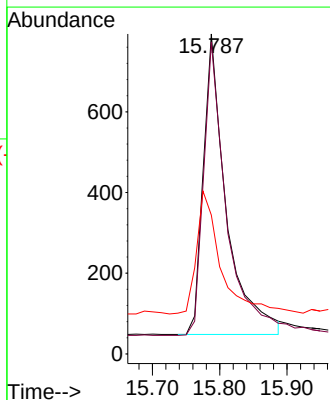
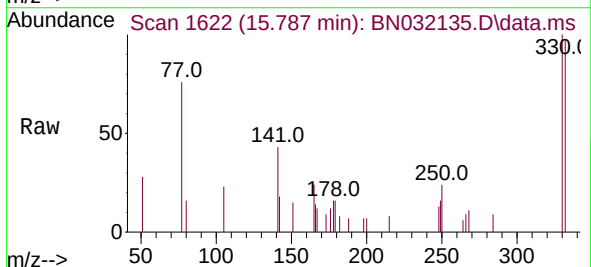
Instrument :
BNA_N
ClientSampleId :
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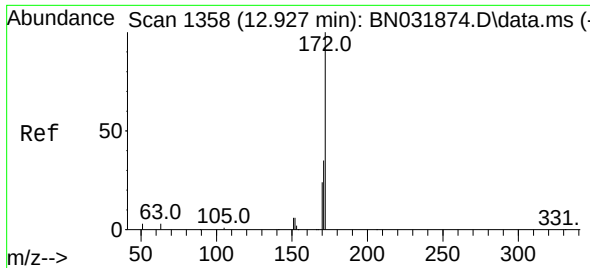
Tgt Ion:164 Resp: 19079
Ion Ratio Lower Upper
164 100
162 102.2 80.7 121.1
160 47.1 36.2 54.4



#14
2,4,6-Tribromophenol
Concen: 0.195 ng
RT: 15.787 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

Tgt Ion:330 Resp: 1779
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 42.4 34.7 52.1

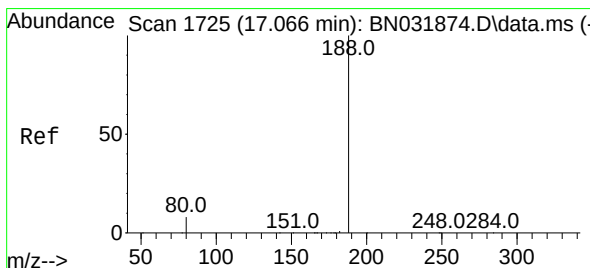
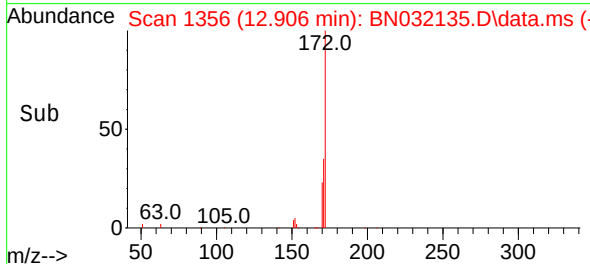
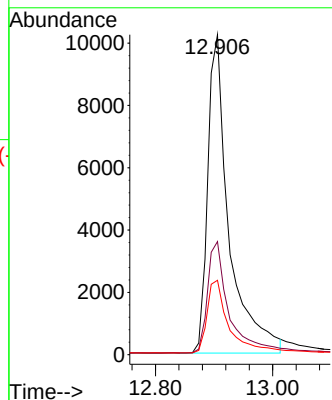
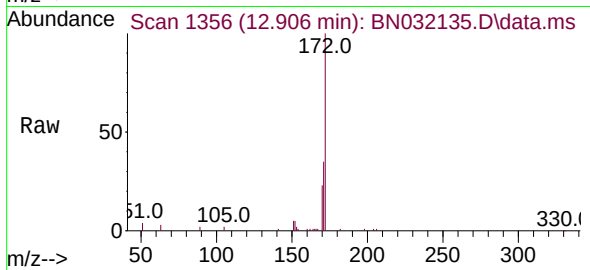




#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 12.906 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

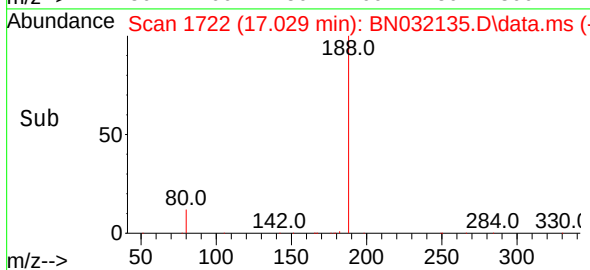
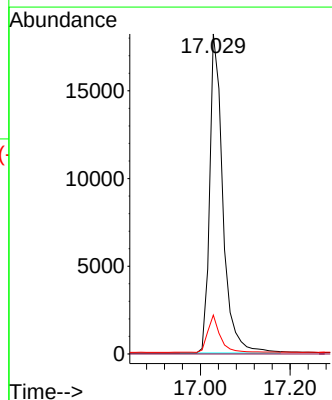
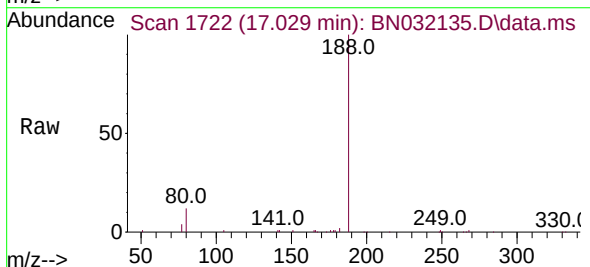
Instrument :
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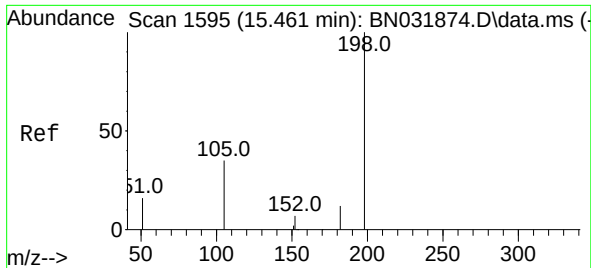
Tgt Ion:172 Resp: 25762
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.2 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

Tgt Ion:188 Resp: 37007
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 6.4 9.6#

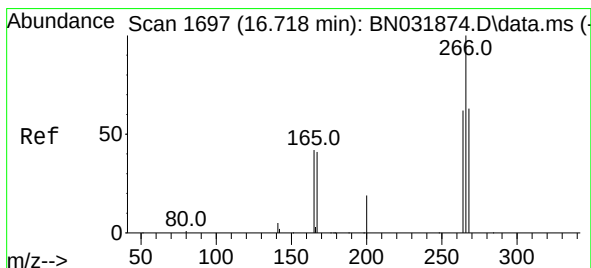
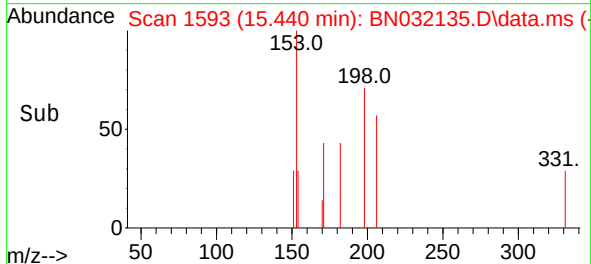
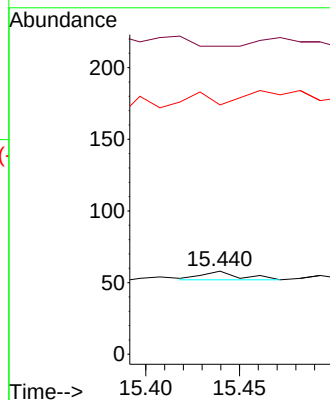
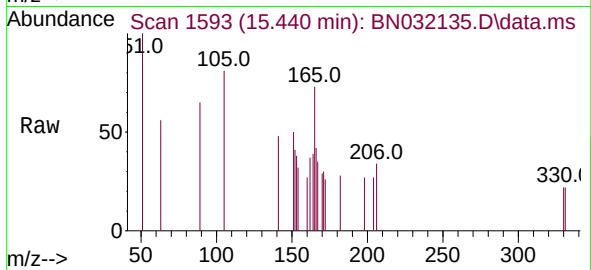




#20
4,6-Dinitro-2-methylphenol
Concen: 0.176 ng
RT: 15.440 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

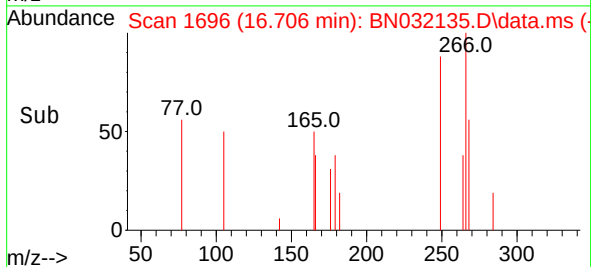
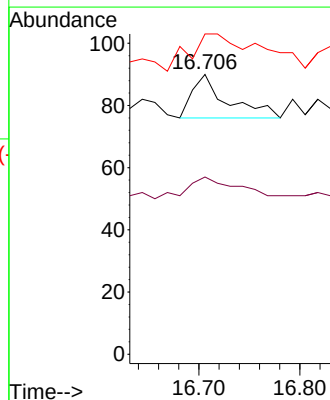
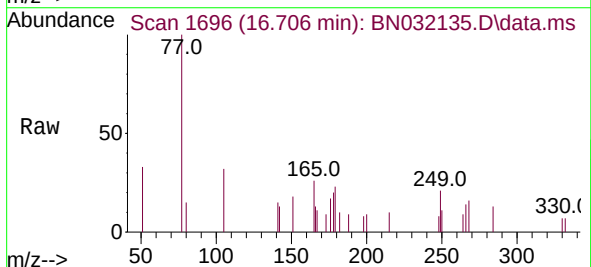
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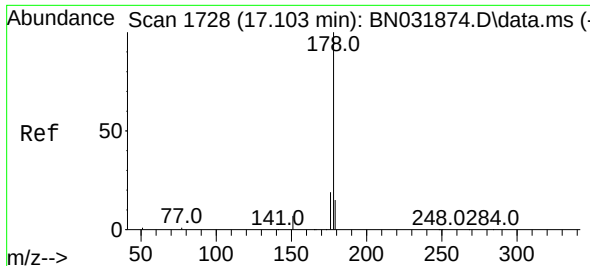
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 370.7 42.7 64.1#
105 300.0 41.8 62.8#



#24
Pentachlorophenol
Concen: 0.173 ng
RT: 16.706 min Scan# 1696
Delta R.T. 0.012 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

Tgt Ion:266 Resp: 34
Ion Ratio Lower Upper
266 100
264 73.5 50.0 75.0
268 161.8 51.0 76.6#





#25

Phenanthrene

Concen: 0.037 ng

RT: 17.078 min Scan# 1726

Delta R.T. 0.000 min

Lab File: BN032135.D

Acq: 21 Jun 2024 17:21

Instrument :

BNA_N

ClientSampleId :

PB161642BL

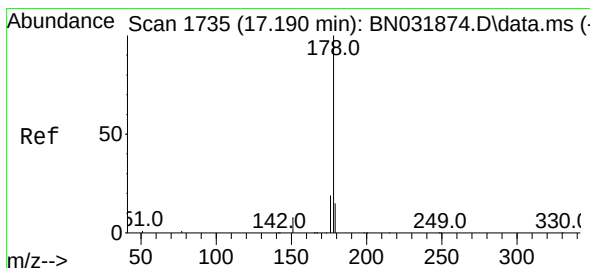
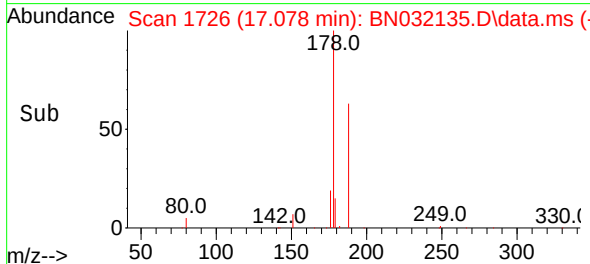
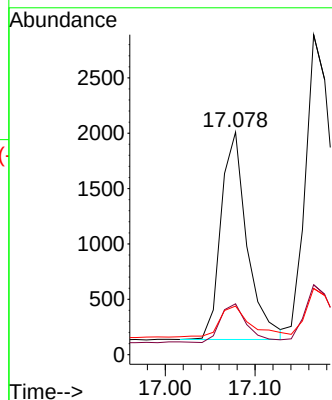
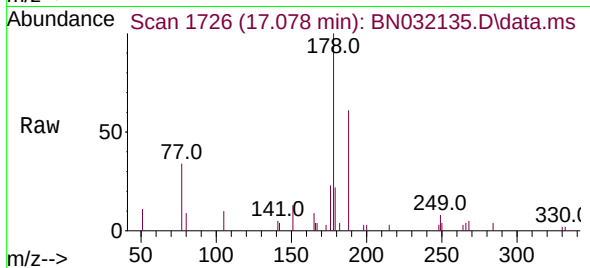
Tgt Ion:178 Resp: 3786

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 17.7 12.2 18.2



#26

Anthracene

Concen: 0.061 ng

RT: 17.165 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BN032135.D

Acq: 21 Jun 2024 17:21

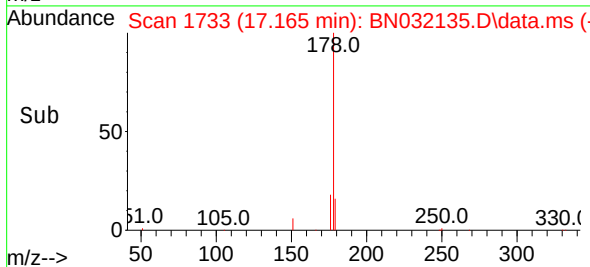
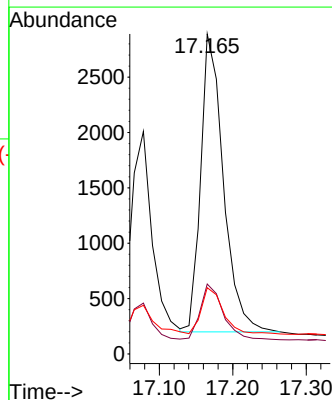
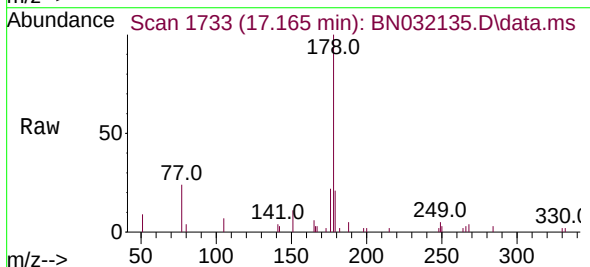
Tgt Ion:178 Resp: 5782

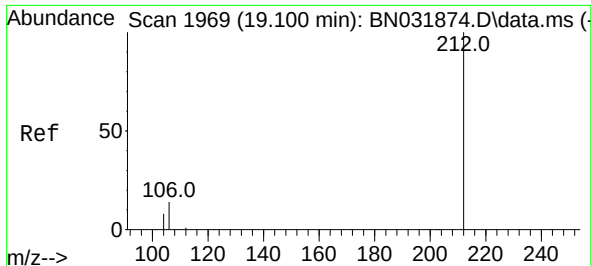
Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

179 14.8 12.2 18.2





#27

Fluoranthene-d10

Concen: 0.318 ng

RT: 19.068 min Scan# 1969

Delta R.T. -0.005 min

Lab File: BN032135.D

Acq: 21 Jun 2024 17:21

Instrument :

BNA_N

ClientSampleId :

PB161642BL

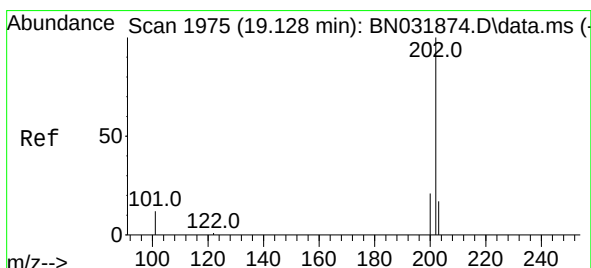
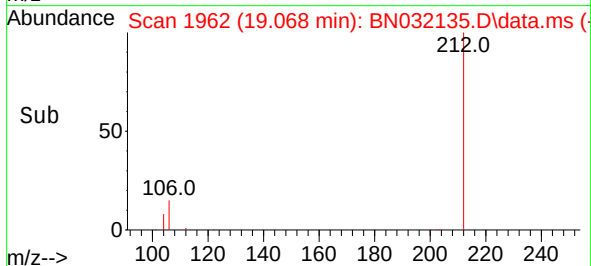
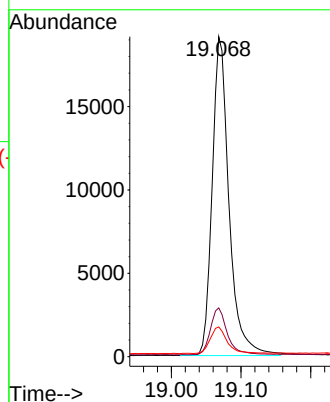
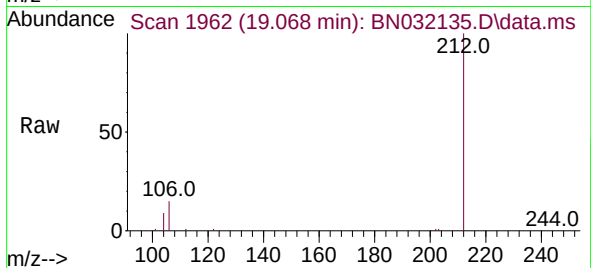
Tgt Ion:212 Resp: 32034

Ion Ratio Lower Upper

212 100

106 14.8 11.8 17.8

104 8.3 6.6 10.0



#28

Fluoranthene

Concen: 0.072 ng

RT: 19.100 min Scan# 1969

Delta R.T. 0.000 min

Lab File: BN032135.D

Acq: 21 Jun 2024 17:21

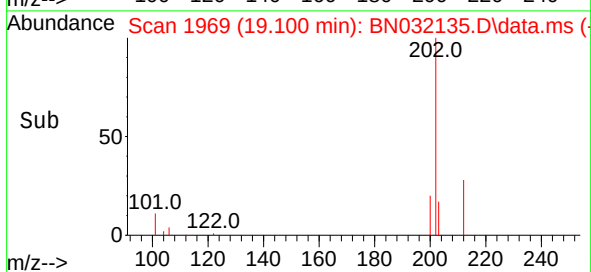
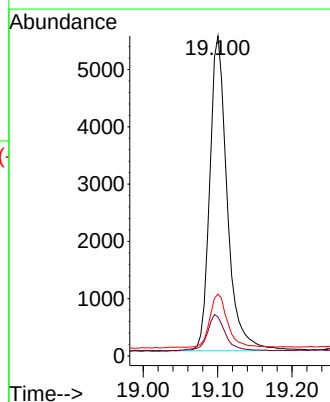
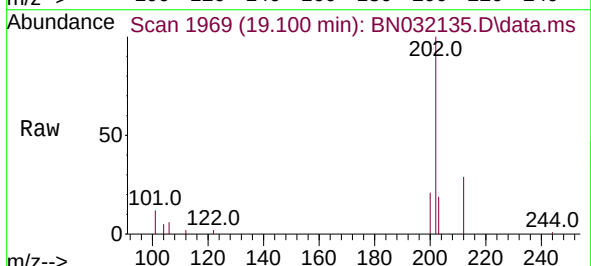
Tgt Ion:202 Resp: 8944

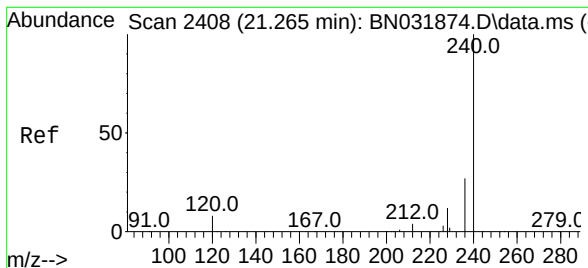
Ion Ratio Lower Upper

202 100

101 11.9 9.8 14.6

203 17.6 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.229 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BN032135.D

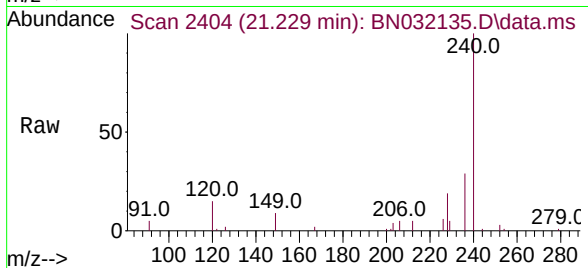
Acq: 21 Jun 2024 17:21

Instrument :

BNA_N

ClientSampleId :

PB161642BL



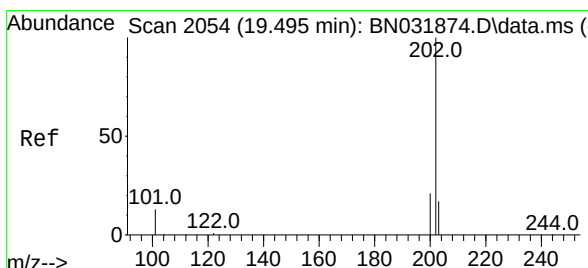
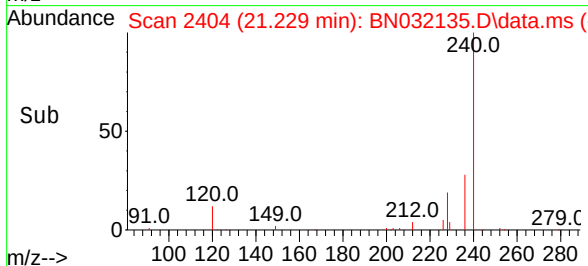
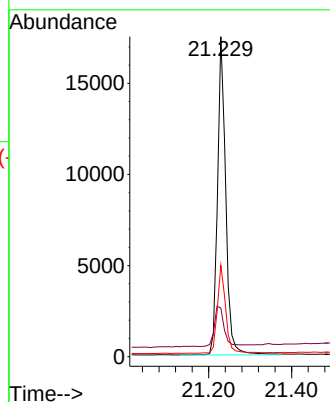
Tgt Ion:240 Resp: 24048

Ion Ratio Lower Upper

240 100

120 15.2 8.2 12.4#

236 28.6 21.8 32.8



#30

Pyrene

Concen: 0.099 ng

RT: 19.463 min Scan# 2047

Delta R.T. -0.005 min

Lab File: BN032135.D

Acq: 21 Jun 2024 17:21

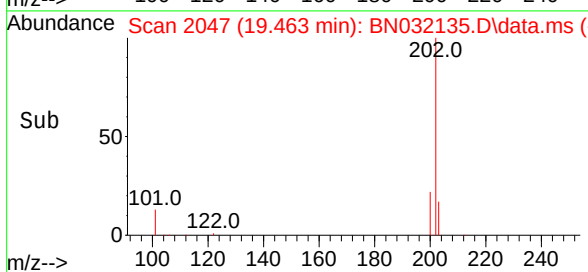
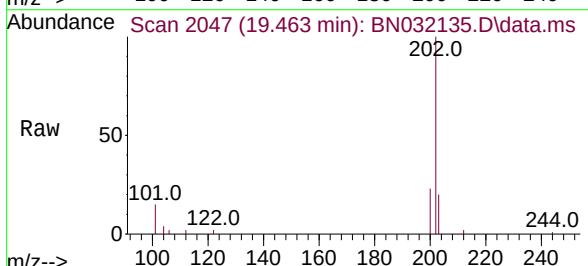
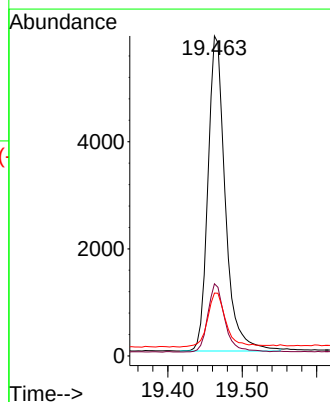
Tgt Ion:202 Resp: 9501

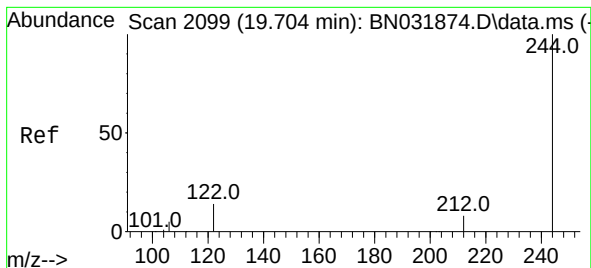
Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

203 18.3 14.3 21.5





#31

Terphenyl-d14

Concen: 0.397 ng

RT: 19.672 min Scan# 2099

Delta R.T. 0.000 min

Lab File: BN032135.D

Acq: 21 Jun 2024 17:21

Instrument :

BNA_N

ClientSampleId :

PB161642BL

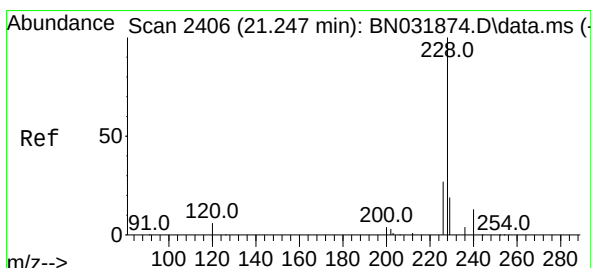
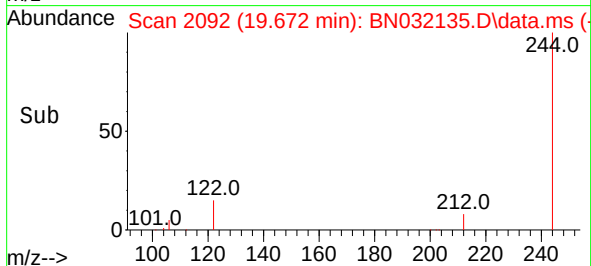
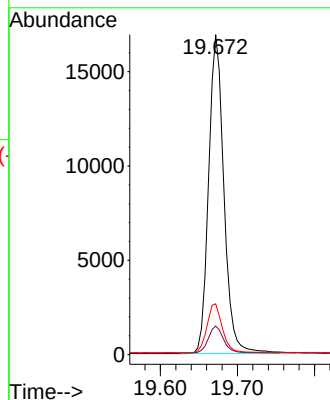
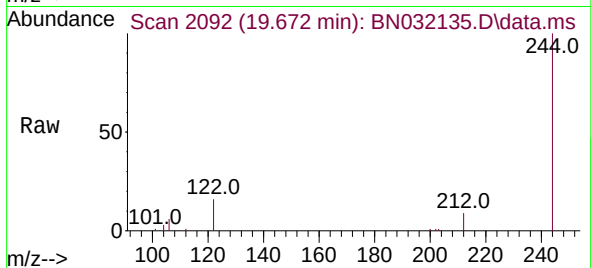
Tgt Ion:244 Resp: 23313

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

122 15.9 11.4 17.0



#32

Benzo(a)anthracene

Concen: 0.148 ng

RT: 21.211 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BN032135.D

Acq: 21 Jun 2024 17:21

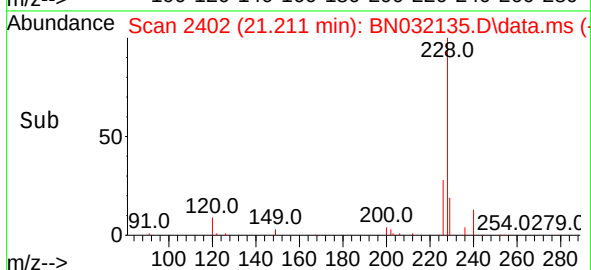
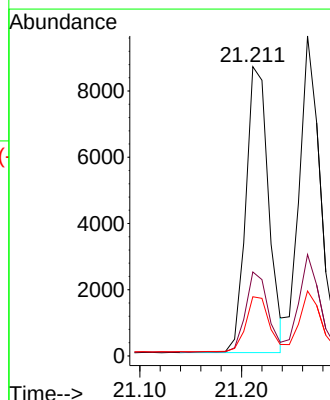
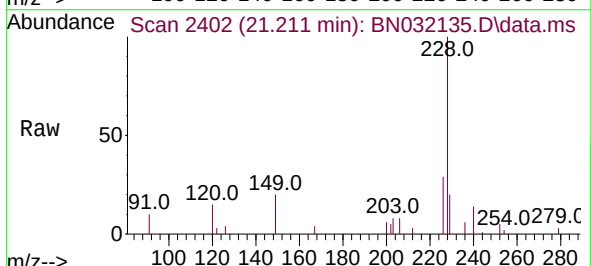
Tgt Ion:228 Resp: 13407

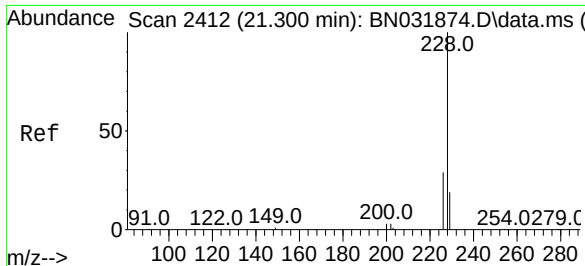
Ion Ratio Lower Upper

228 100

226 29.0 21.8 32.6

229 20.5 15.8 23.8





#33

Chrysene

Concen: 0.158 ng

RT: 21.265 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BN032135.D

Acq: 21 Jun 2024 17:21

Instrument :

BNA_N

ClientSampleId :

PB161642BL

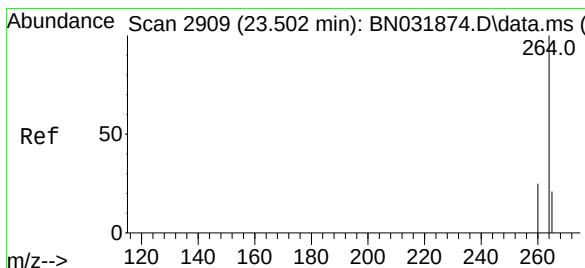
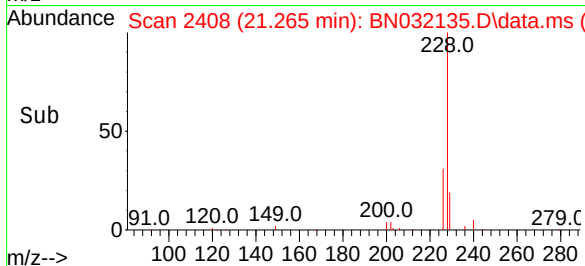
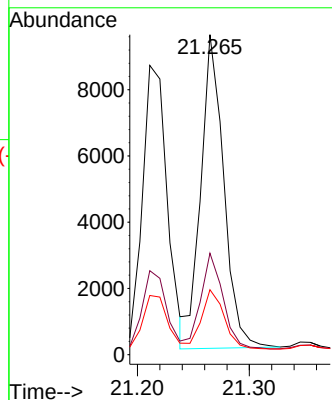
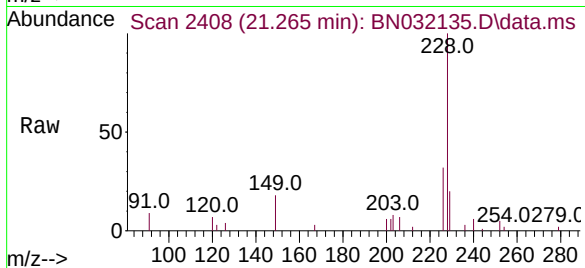
Tgt Ion:228 Resp: 13492

Ion Ratio Lower Upper

228 100

226 31.7 23.6 35.4

229 20.3 15.8 23.6



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.452 min Scan# 2892

Delta R.T. 0.000 min

Lab File: BN032135.D

Acq: 21 Jun 2024 17:21

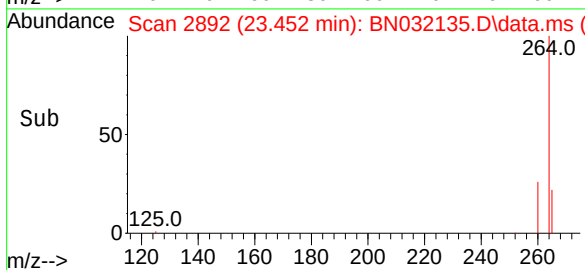
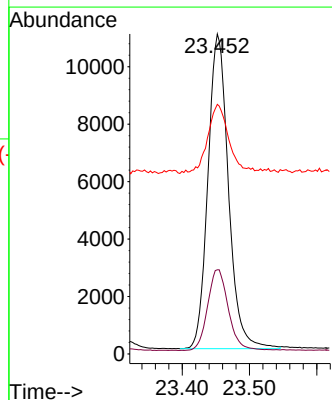
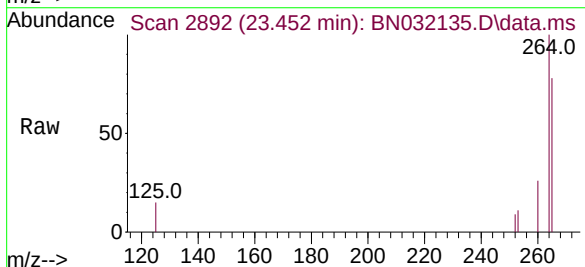
Tgt Ion:264 Resp: 23172

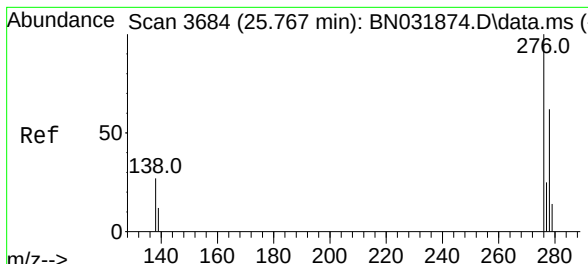
Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

265 78.0 39.6 59.4#

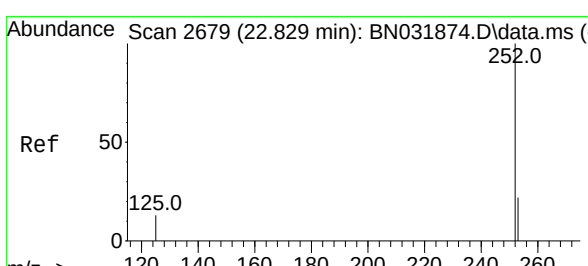
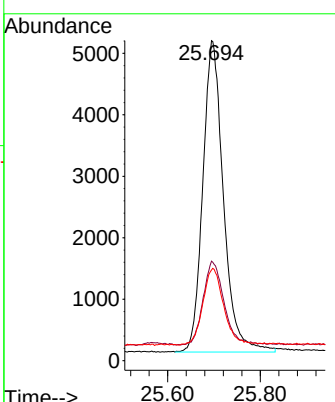
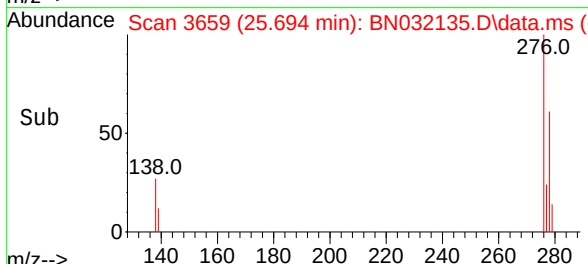
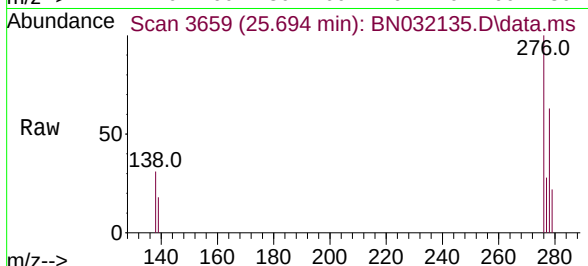




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.181 ng
 RT: 25.694 min Scan# 3064
 Delta R.T. 0.000 min
 Lab File: BN032135.D
 Acq: 21 Jun 2024 17:21

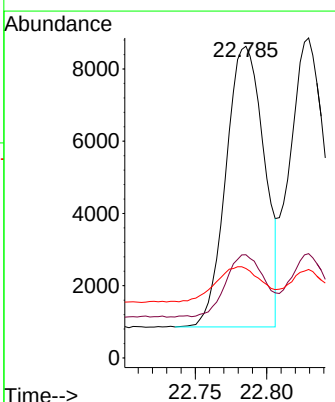
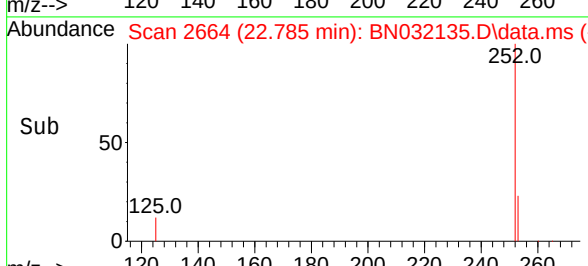
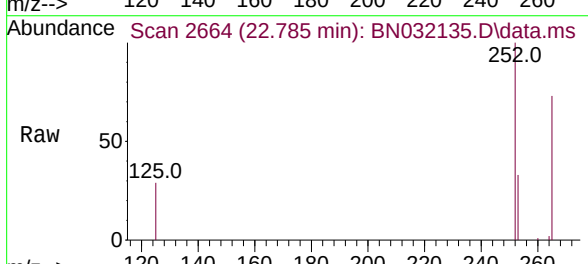
Instrument :
 BNA_N
 ClientSampleId :
 PB161642BL

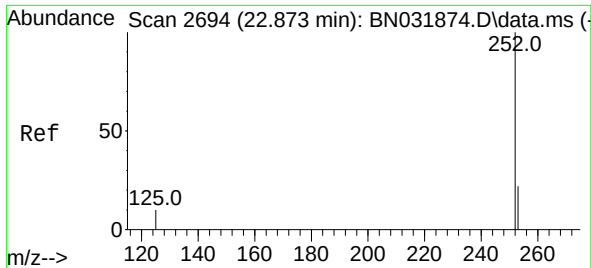
Tgt Ion:	276	Resp:	15656
Ion Ratio	Lower	Upper	
276	100		
138	27.2	21.5	32.3
277	25.0	19.8	29.8



#37
 Benzo(b)fluoranthene
 Concen: 0.171 ng
 RT: 22.785 min Scan# 2664
 Delta R.T. 0.000 min
 Lab File: BN032135.D
 Acq: 21 Jun 2024 17:21

Tgt Ion:	252	Resp:	14458
Ion Ratio	Lower	Upper	
252	100		
253	33.1	20.2	30.2#
125	28.7	14.2	21.4#





#38

Benzo(k)fluoranthene

Concen: 0.172 ng

RT: 22.829 min Scan# 2

Delta R.T. 0.000 min

Lab File: BN032135.D

Acq: 21 Jun 2024 17:21

Instrument :

BNA_N

ClientSampleId :

PB161642BL

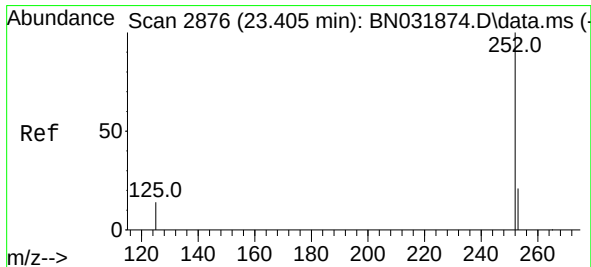
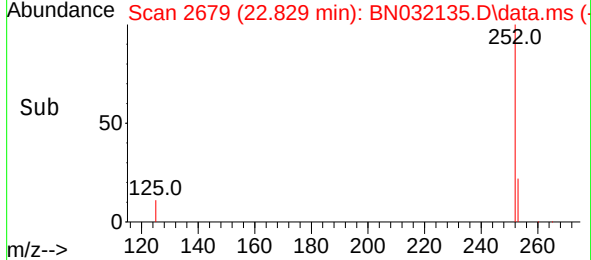
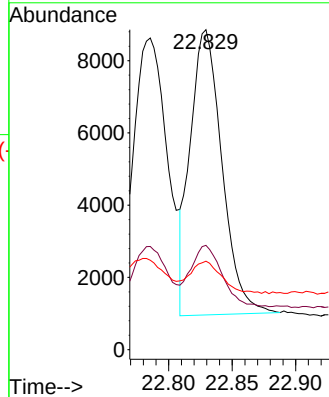
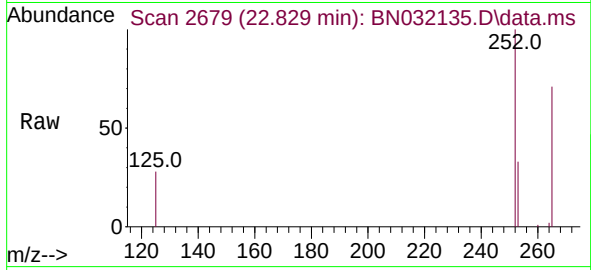
Tgt Ion:252 Resp: 13711

Ion Ratio Lower Upper

252 100

253 32.6 19.9 29.9#

125 27.7 13.0 19.4#



#39

Benzo(a)pyrene

Concen: 0.158 ng

RT: 23.356 min Scan# 2859

Delta R.T. -0.003 min

Lab File: BN032135.D

Acq: 21 Jun 2024 17:21

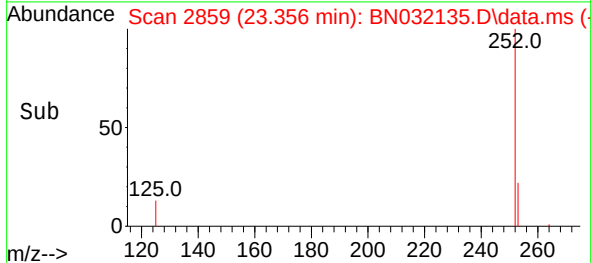
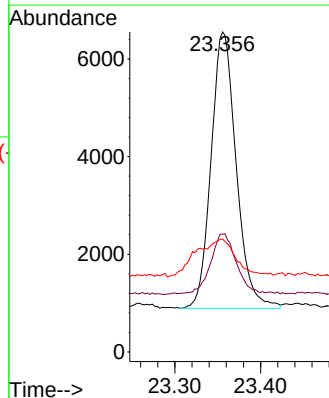
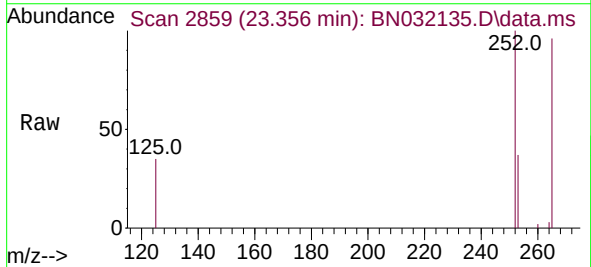
Tgt Ion:252 Resp: 11520

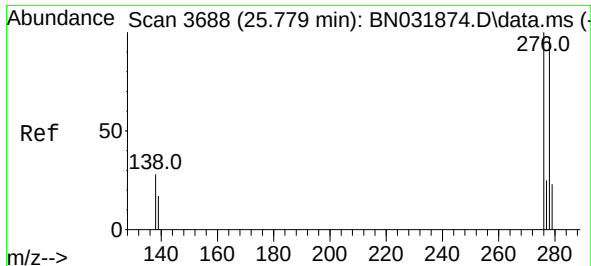
Ion Ratio Lower Upper

252 100

253 36.8 20.5 30.7#

125 35.3 16.4 24.6#





#40

Dibenzo(a,h)anthracene

Concen: 0.173 ng

RT: 25.706 min Scan# 3

Delta R.T. 0.000 min

Lab File: BN032135.D

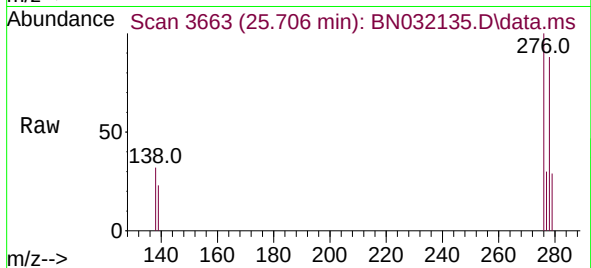
Acq: 21 Jun 2024 17:21

Instrument :

BNA_N

ClientSampleId :

PB161642BL



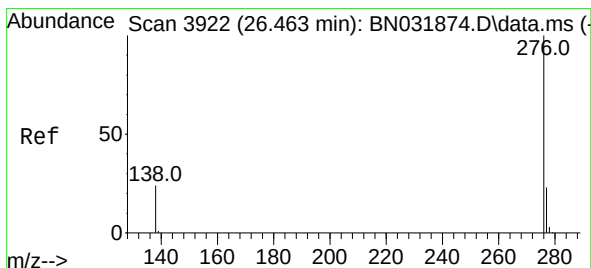
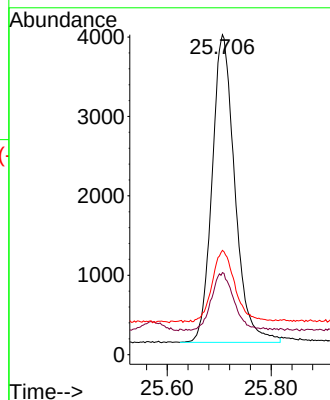
Tgt Ion:278 Resp: 11783

Ion Ratio Lower Upper

278 100

139 25.7 17.0 25.4#

279 32.6 21.4 32.0#



#41

Benzo(g,h,i)perylene

Concen: 0.158 ng

RT: 26.382 min Scan# 3894

Delta R.T. 0.003 min

Lab File: BN032135.D

Acq: 21 Jun 2024 17:21

Tgt Ion:276 Resp: 11570

Ion Ratio Lower Upper

276 100

277 30.1 20.2 30.2

138 30.0 20.6 31.0

