

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040524\
 Data File : BN030665.D
 Acq On : 04 Apr 2024 17:41
 Operator : MA/JU
 Sample : P1964-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB01-040224

Quant Time: Apr 04 18:08:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 00:04:36 2024
 Response via : Initial Calibration

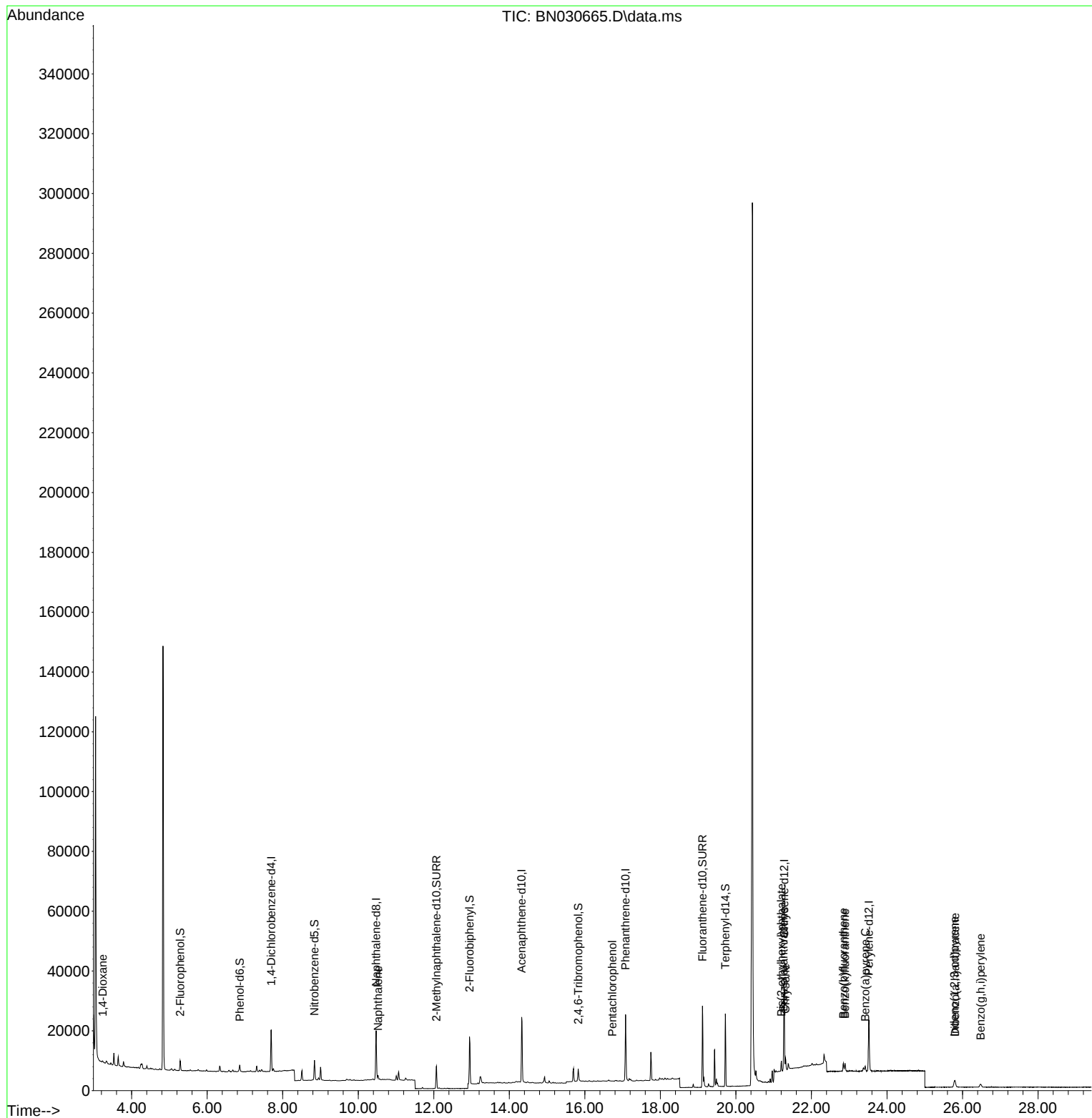
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.697	152	7137	0.400	ng	0.00
7) Naphthalene-d8	10.474	136	21104	0.400	ng	-0.01
13) Acenaphthene-d10	14.327	164	13237	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	29517	0.400	ng	#-0.01
29) Chrysene-d12	21.276	240	25621	0.400	ng	# 0.00
35) Perylene-d12	23.521	264	22333	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	2535	0.163	ng	-0.01
5) Phenol-d6	6.866	99	1997	0.100	ng	0.00
8) Nitrobenzene-d5	8.841	82	4918	0.332	ng	-0.01
11) 2-Methylnaphthalene-d10	12.070	152	9924	0.307	ng	-0.01
14) 2,4,6-Tribromophenol	15.824	330	2321	0.464	ng	-0.01
15) 2-Fluorobiphenyl	12.948	172	13177	0.258	ng	-0.02
27) Fluoranthene-d10	19.117	212	29326	0.369	ng	0.00
31) Terphenyl-d14	19.721	244	22982	0.388	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.233	88	285	0.033	ng	# 1
9) Naphthalene	10.528	128	1754	0.030	ng	# 83
24) Pentachlorophenol	16.730	266	31	0.175	ng	# 83
32) Benzo(a)anthracene	21.258	228	3101	0.034	ng	# 91
33) Chrysene	21.312	228	3299	0.034	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.204	149	3237	0.082	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.784	276	2896	0.029	ng	# 97
37) Benzo(b)fluoranthene	22.846	252	3329	0.037	ng	# 34
38) Benzo(k)fluoranthene	22.890	252	3267	0.036	ng	# 37
39) Benzo(a)pyrene	23.425	252	2194	0.030	ng	# 5
40) Dibenzo(a,h)anthracene	25.805	278	2326	0.030	ng	# 50
41) Benzo(g,h,i)perylene	26.477	276	2247	0.027	ng	# 63

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040524\
Data File : BN030665.D
Acq On : 04 Apr 2024 17:41
Operator : MA/JU
Sample : P1964-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB01-040224

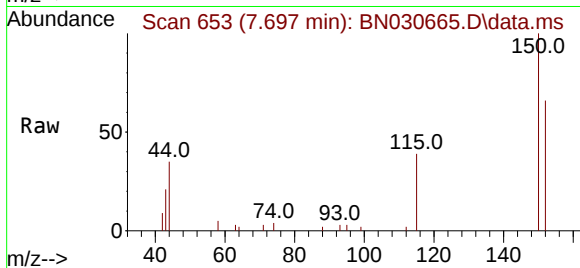
Quant Time: Apr 04 18:08:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration





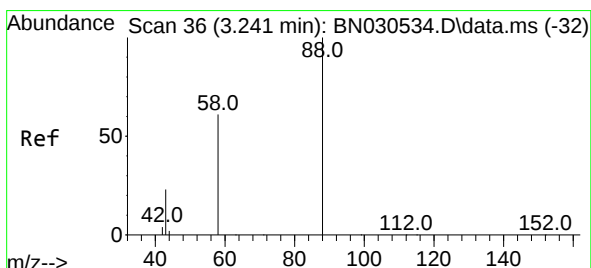
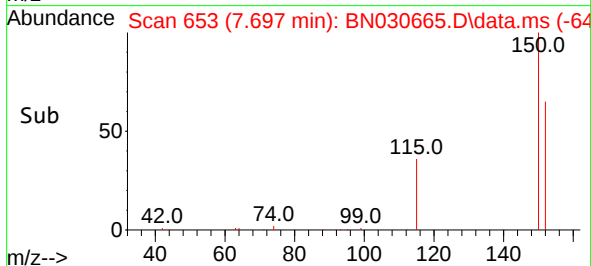
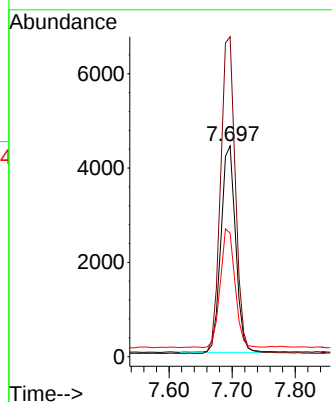
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.697 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN030665.D
 Acq: 04 Apr 2024 17:41

Instrument :
 BNA_N
 ClientSampleId :
 EB01-040224



Tgt Ion:152 Resp: 7137

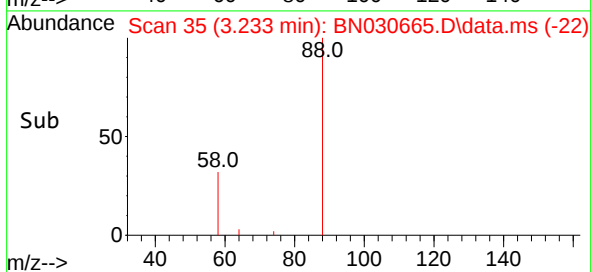
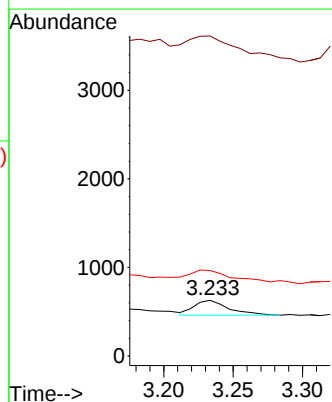
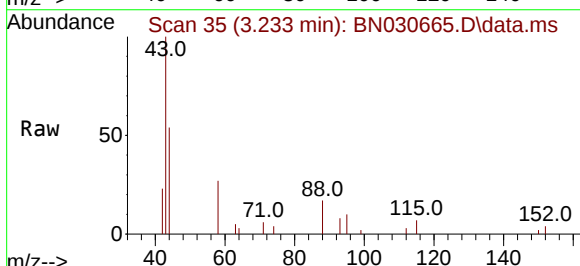
Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.2	186.4
115	58.6	48.6	72.8

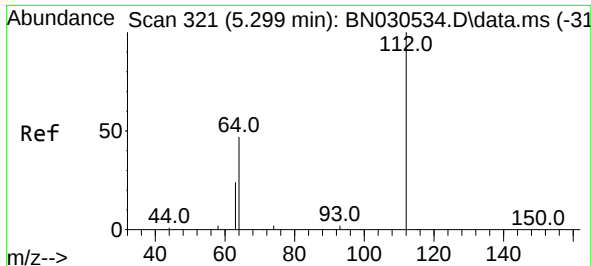


#2
 1,4-Dioxane
 Concen: 0.033 ng
 RT: 3.233 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN030665.D
 Acq: 04 Apr 2024 17:41

Tgt Ion: 88 Resp: 285

Ion	Ratio	Lower	Upper
88	100		
43	271.6	21.9	32.9#
58	139.6	53.4	80.2#

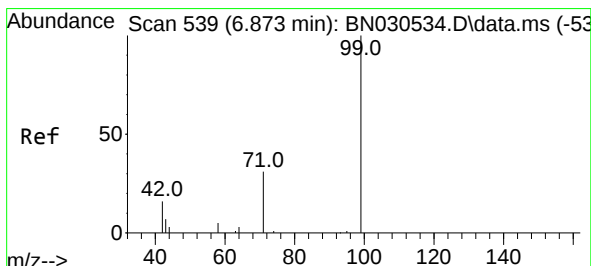
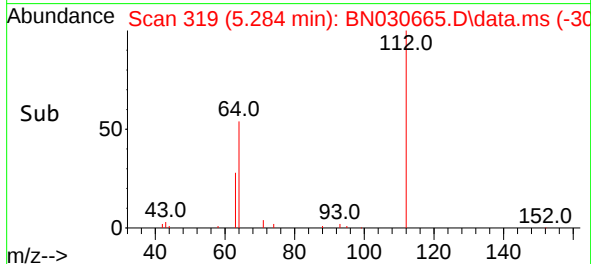
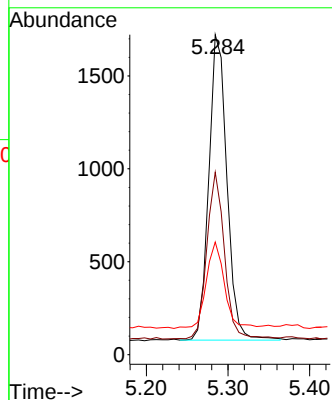
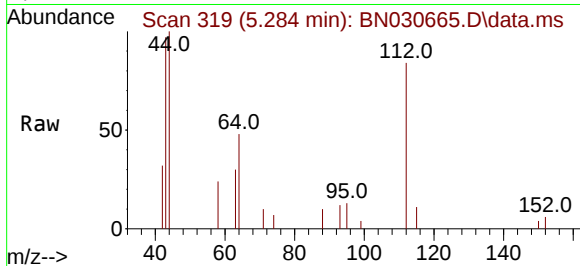




#4
2-Fluorophenol
Concen: 0.163 ng
RT: 5.284 min Scan# 319
Delta R.T. -0.014 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

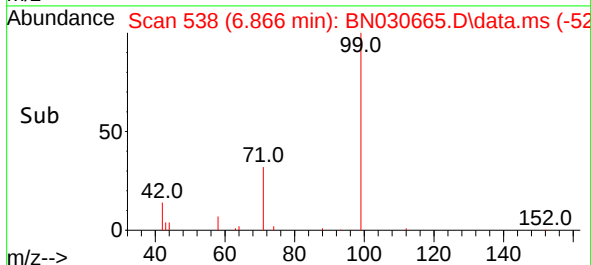
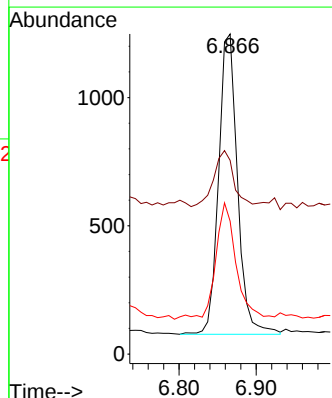
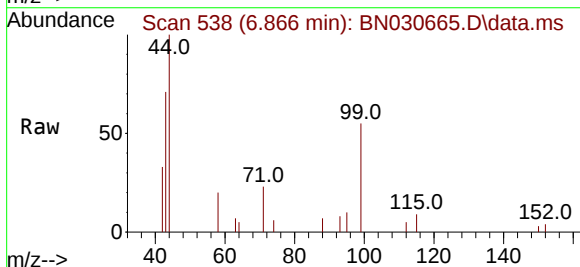
Instrument :
BNA_N
ClientSampleId :
EB01-040224

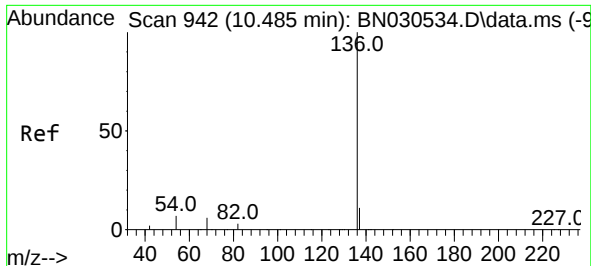
Tgt Ion: 112 Resp: 2535
Ion Ratio Lower Upper
112 100
64 53.2 43.2 64.8
63 28.5 22.5 33.7



#5
Phenol-d6
Concen: 0.100 ng
RT: 6.866 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion: 99 Resp: 1997
Ion Ratio Lower Upper
99 100
42 21.5 15.8 23.6
71 39.4 25.9 38.9#

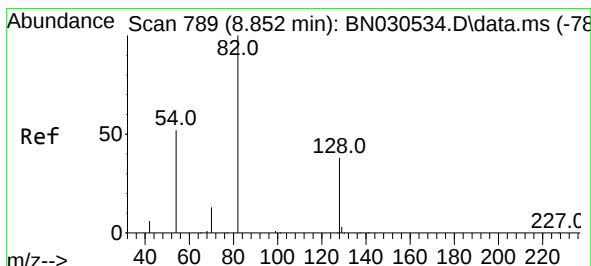
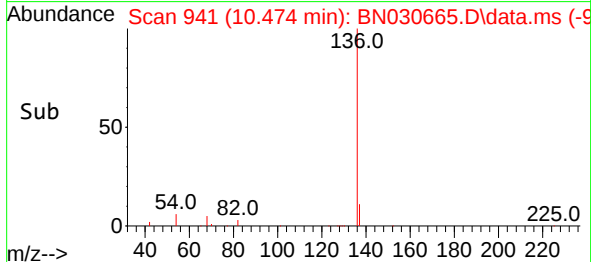
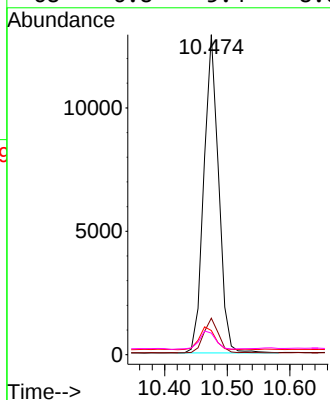
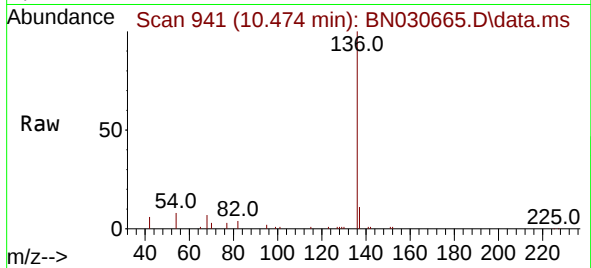




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.474 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

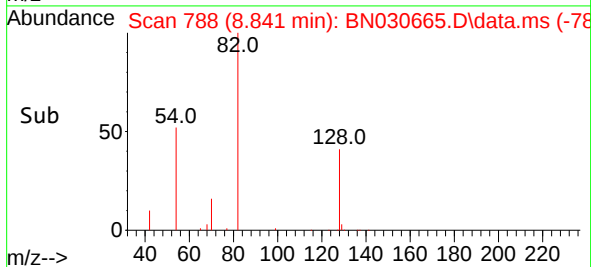
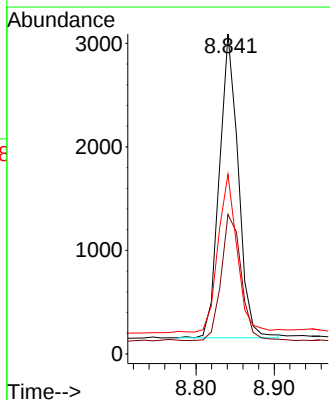
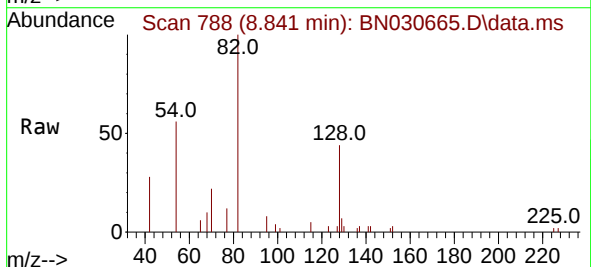
Instrument :
BNA_N
ClientSampleId :
EB01-040224

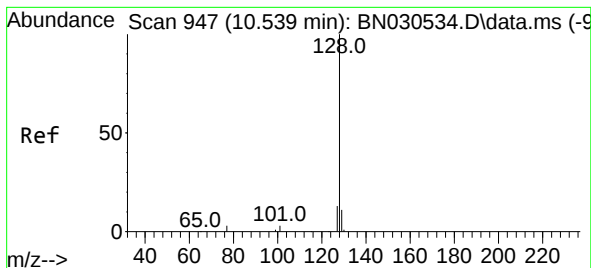
Tgt Ion:	136	Resp:	21104
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	7.6	6.4	9.6
68	6.8	5.4	8.0



#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 8.841 min Scan# 788
Delta R.T. -0.011 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion:	82	Resp:	4918
Ion Ratio	Lower	Upper	
82	100		
128	43.6	32.3	48.5
54	56.1	42.7	64.1





#9

Naphthalene

Concen: 0.030 ng

RT: 10.528 min Scan# 94

Delta R.T. -0.011 min

Lab File: BN030665.D

Acq: 04 Apr 2024 17:41

Instrument :

BNA_N

ClientSampleId :

EB01-040224

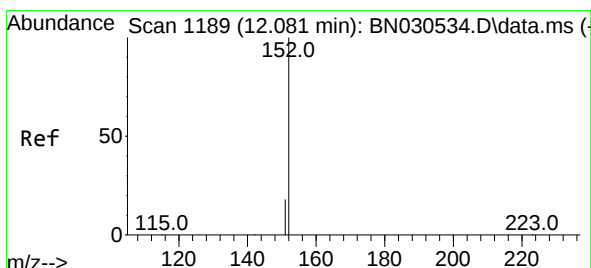
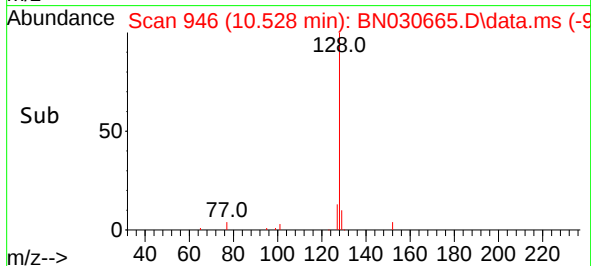
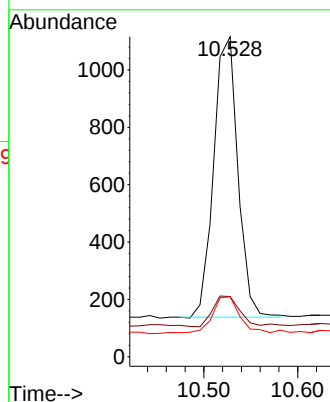
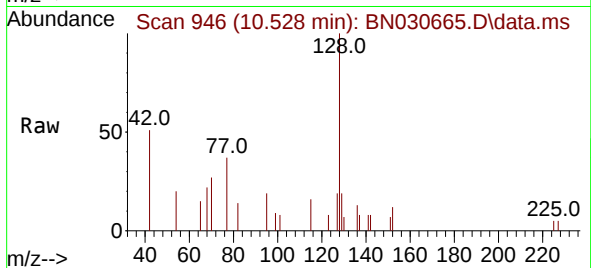
Tgt Ion:128 Resp: 1754

Ion Ratio Lower Upper

128 100

129 18.8 9.0 13.6#

127 18.7 10.5 15.7#



#11

2-Methylnaphthalene-d10

Concen: 0.307 ng

RT: 12.070 min Scan# 1186

Delta R.T. -0.011 min

Lab File: BN030665.D

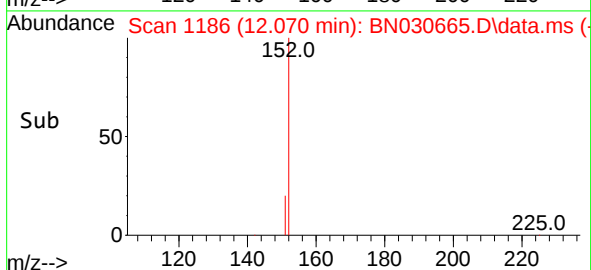
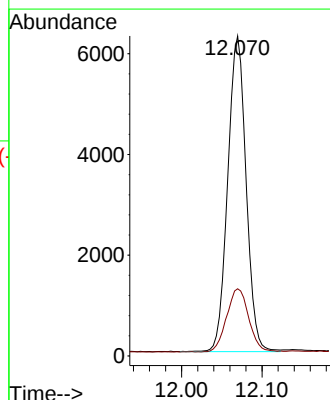
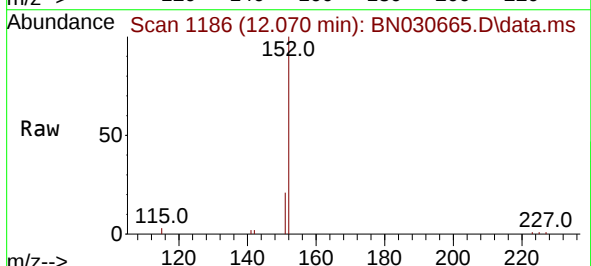
Acq: 04 Apr 2024 17:41

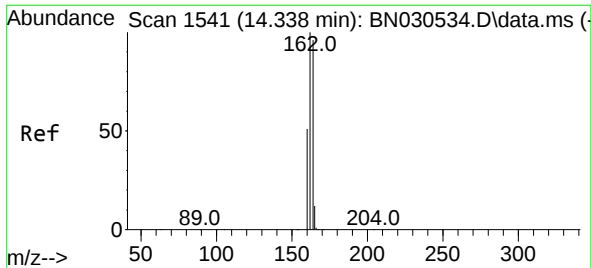
Tgt Ion:152 Resp: 9924

Ion Ratio Lower Upper

152 100

151 24.3 16.7 25.1

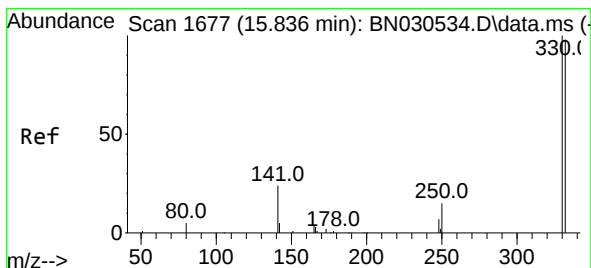
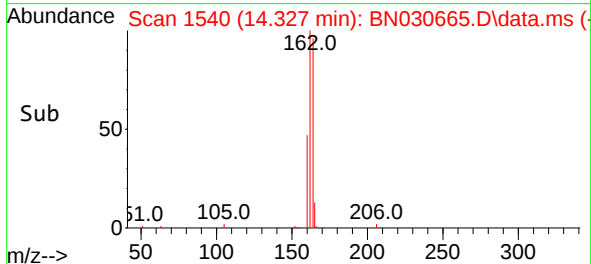
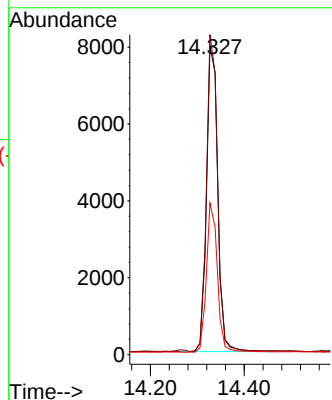
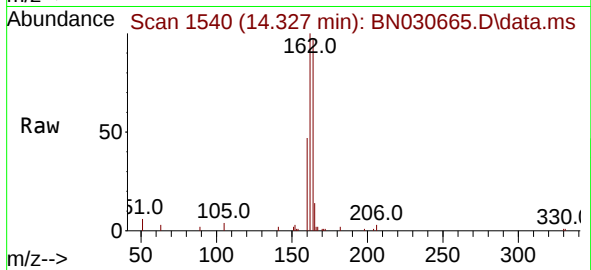




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.327 min Scan# 1540
Delta R.T. -0.011 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

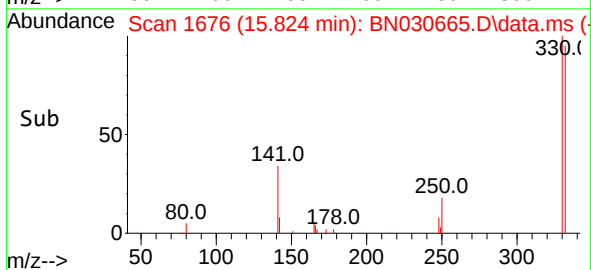
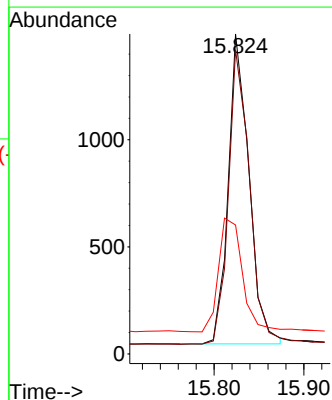
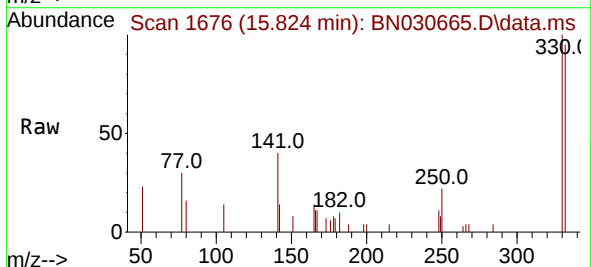
Instrument :
BNA_N
ClientSampleId :
EB01-040224

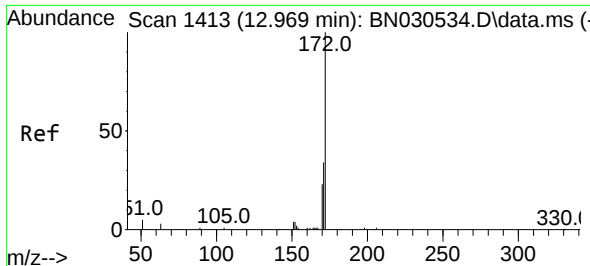
Tgt Ion:164 Resp: 13237
Ion Ratio Lower Upper
164 100
162 103.5 83.5 125.3
160 49.0 42.5 63.7



#14
2,4,6-Tribromophenol
Concen: 0.464 ng
RT: 15.824 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion:330 Resp: 2321
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 42.2 35.9 53.9

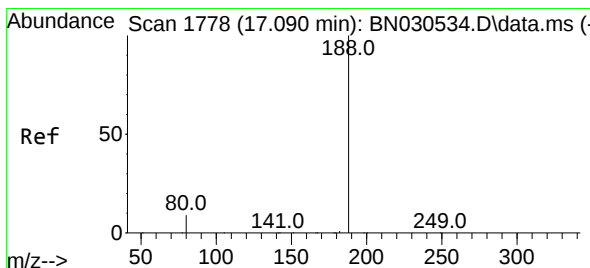
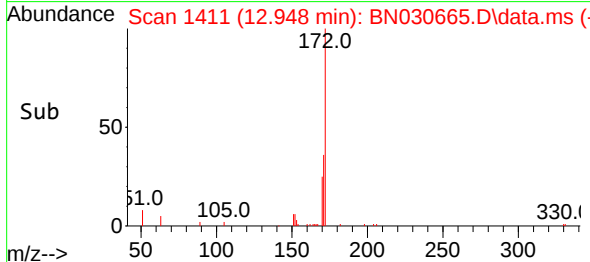
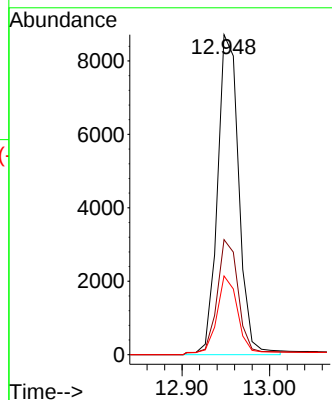
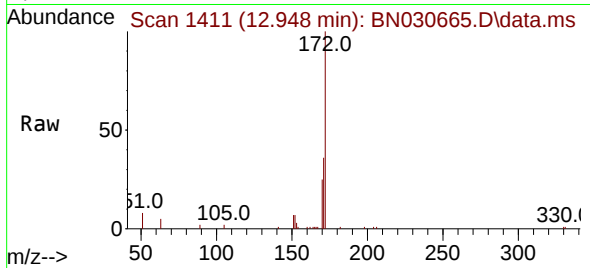




#15
2-Fluorobiphenyl
Concen: 0.258 ng
RT: 12.948 min Scan# 1413
Delta R.T. -0.021 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

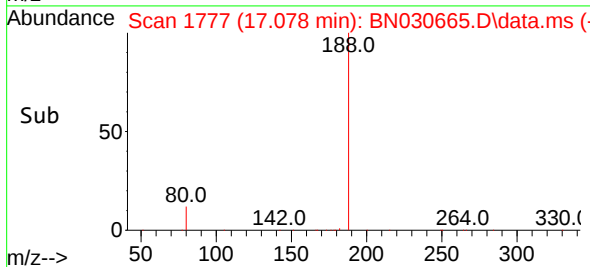
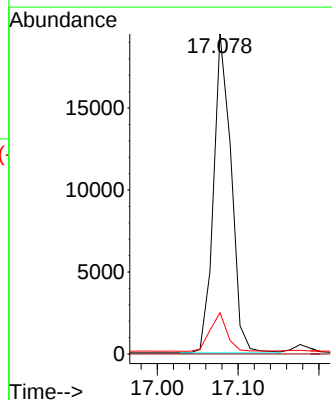
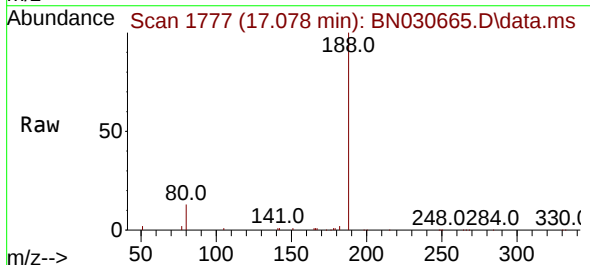
Instrument :
BNA_N
ClientSampleId :
EB01-040224

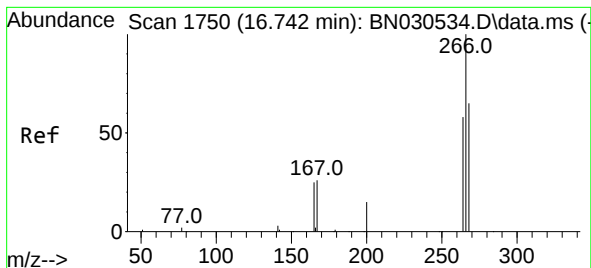
Tgt Ion:	172	Resp:	13177
Ion Ratio	Lower	Upper	
172	100		
171	35.9	27.1	40.7
170	24.6	18.3	27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1777
Delta R.T. -0.012 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion:	188	Resp:	29517
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.9	7.4	11.0





#24

Pentachlorophenol

Concen: 0.175 ng

RT: 16.730 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN030665.D

Acq: 04 Apr 2024 17:41

Instrument :

BNA_N

ClientSampleId :

EB01-040224

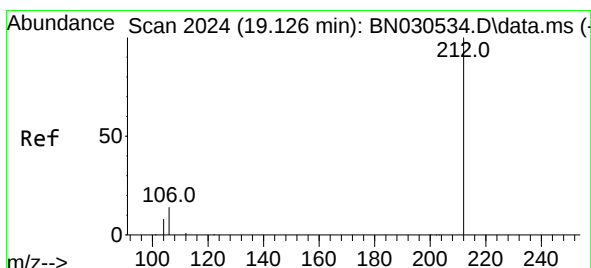
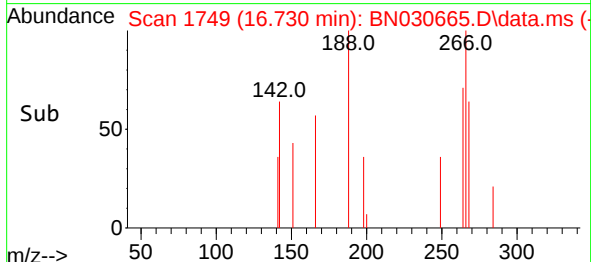
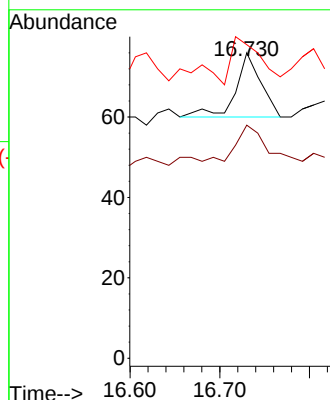
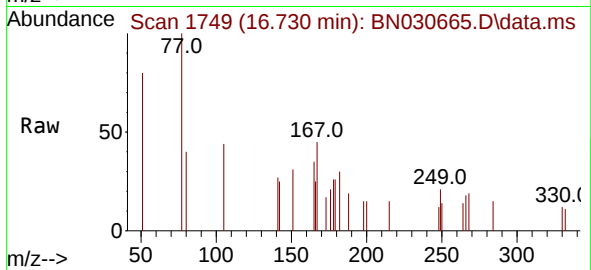
Tgt Ion:266 Resp: 31

Ion Ratio Lower Upper

266 100

264 61.3 48.7 73.1

268 87.1 49.5 74.3#



#27

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.117 min Scan# 2022

Delta R.T. -0.009 min

Lab File: BN030665.D

Acq: 04 Apr 2024 17:41

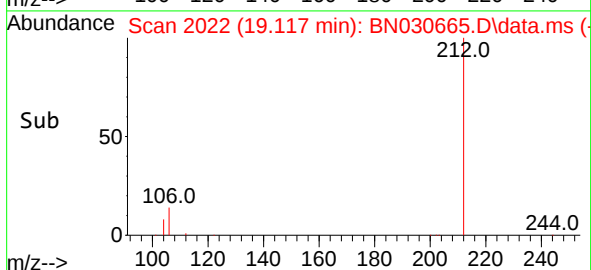
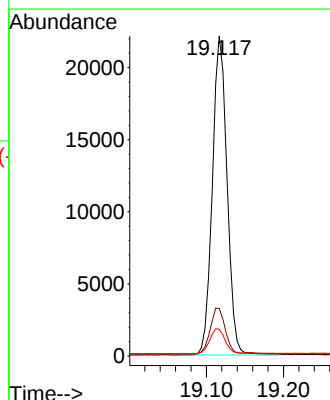
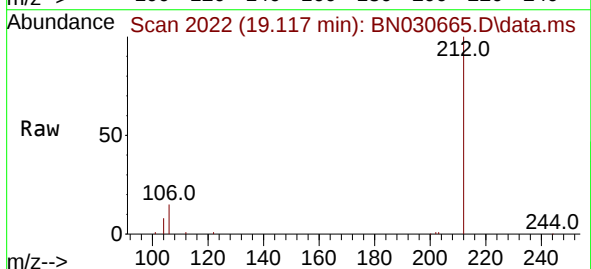
Tgt Ion:212 Resp: 29326

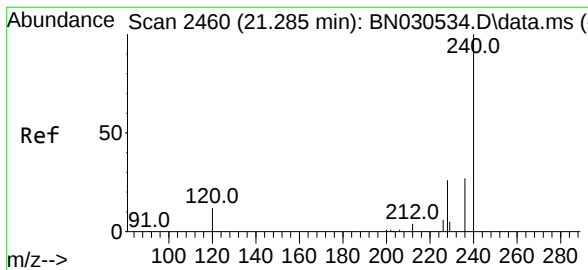
Ion Ratio Lower Upper

212 100

106 14.7 11.8 17.6

104 8.2 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.276 min Scan# 2460

Delta R.T. -0.009 min

Lab File: BN030665.D

Acq: 04 Apr 2024 17:41

Instrument :

BNA_N

ClientSampleId :

EB01-040224

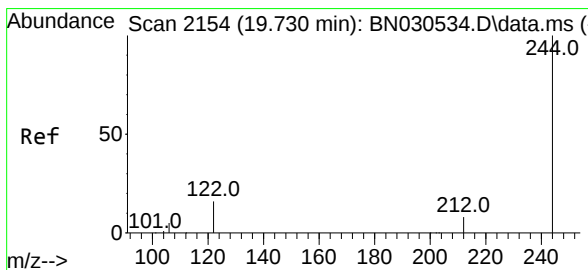
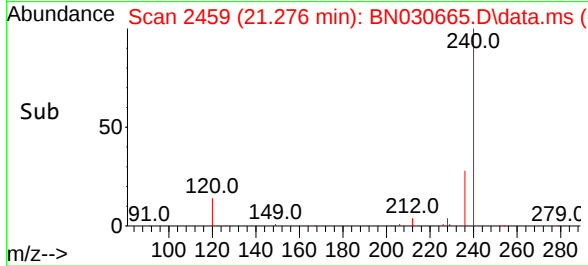
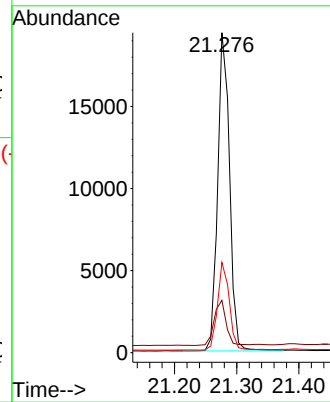
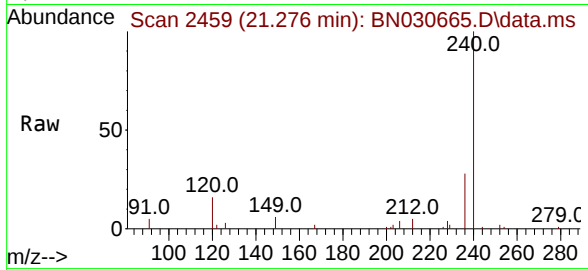
Tgt Ion:240 Resp: 25621

Ion Ratio Lower Upper

240 100

120 16.4 10.6 15.8#

236 28.2 22.1 33.1



#31

Terphenyl-d14

Concen: 0.388 ng

RT: 19.721 min Scan# 2152

Delta R.T. -0.009 min

Lab File: BN030665.D

Acq: 04 Apr 2024 17:41

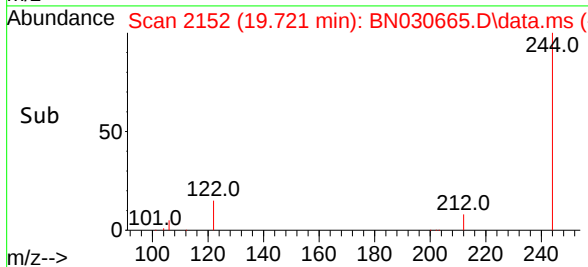
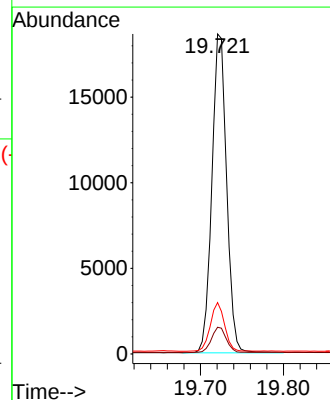
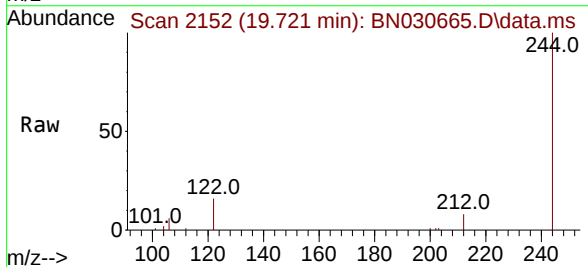
Tgt Ion:244 Resp: 22982

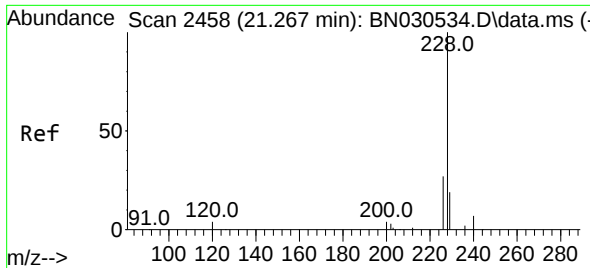
Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

122 16.1 12.7 19.1

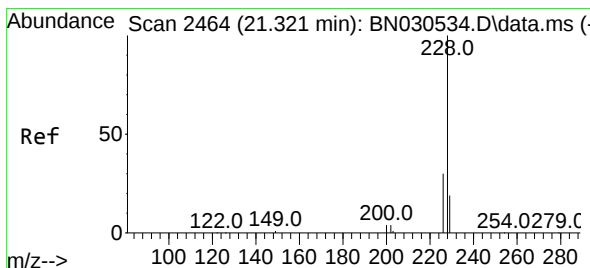
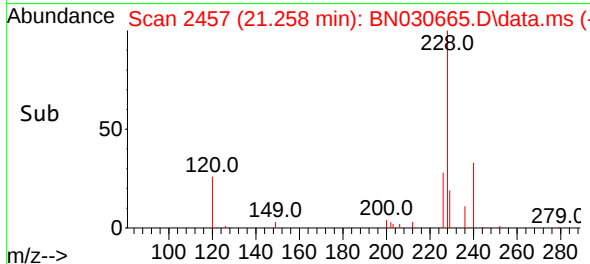
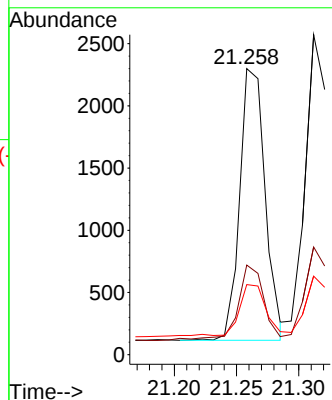
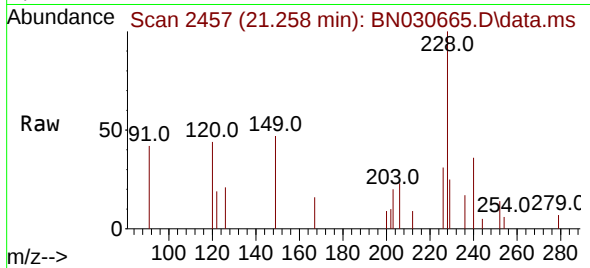




#32
Benzo(a)anthracene
Concen: 0.034 ng
RT: 21.258 min Scan# 2457
Delta R.T. -0.009 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

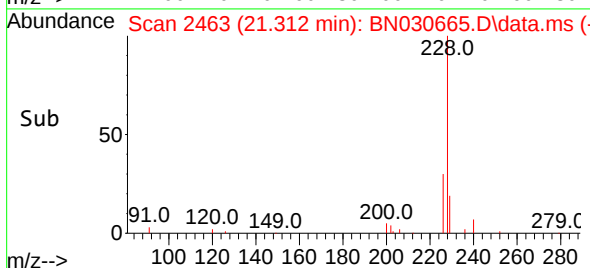
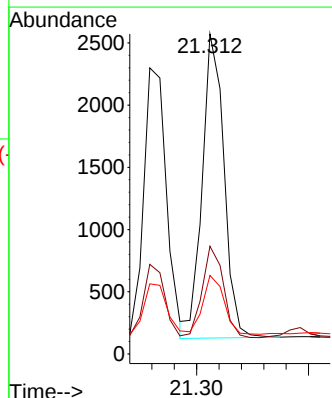
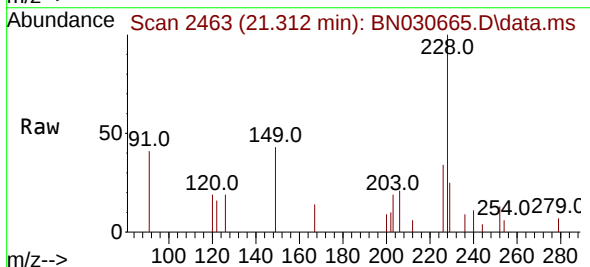
Instrument :
BNA_N
ClientSampleId :
EB01-040224

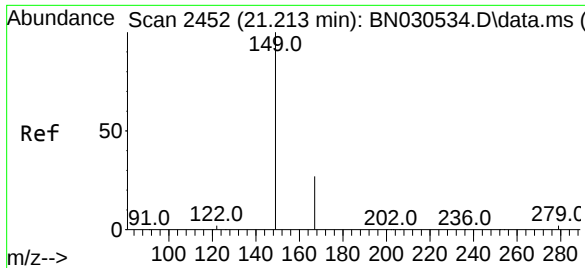
Tgt Ion:228 Resp: 3101
Ion Ratio Lower Upper
228 100
226 31.3 21.8 32.8
229 24.5 15.4 23.2#



#33
Chrysene
Concen: 0.034 ng
RT: 21.312 min Scan# 2463
Delta R.T. -0.009 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion:228 Resp: 3299
Ion Ratio Lower Upper
228 100
226 33.7 24.3 36.5
229 24.5 15.8 23.6#

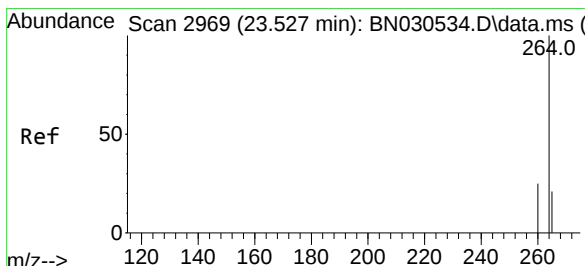
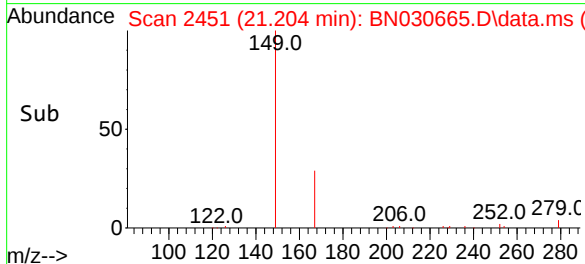
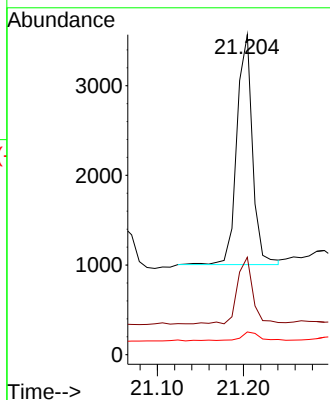
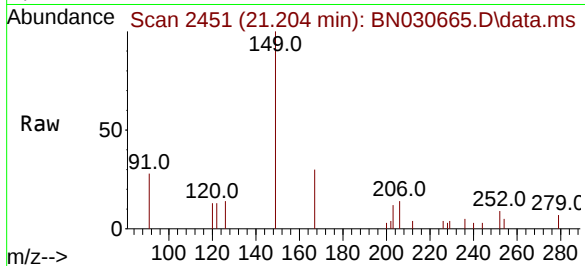




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.204 min Scan# 2451
 Delta R.T. -0.009 min
 Lab File: BN030665.D
 Acq: 04 Apr 2024 17:41

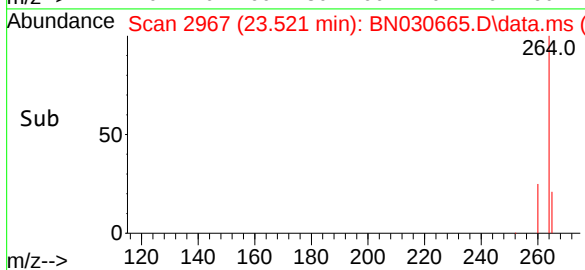
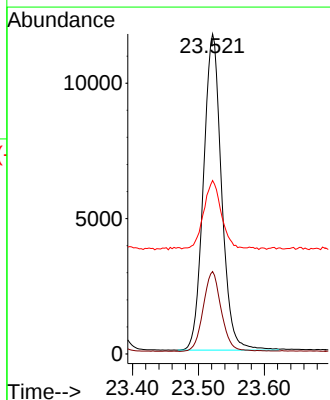
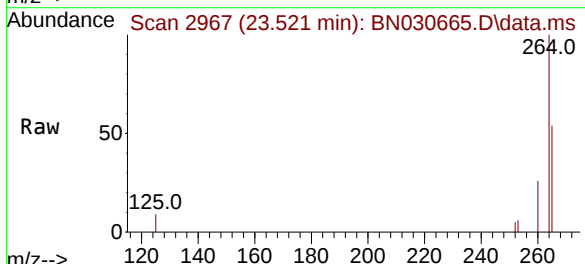
Instrument :
 BNA_N
 ClientSampleId :
 EB01-040224

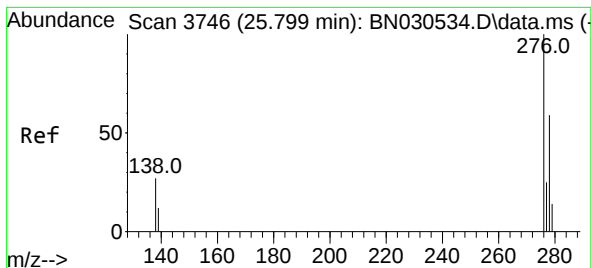
Tgt Ion:149 Resp: 3237
 Ion Ratio Lower Upper
 149 100
 167 28.8 21.4 32.0
 279 5.4 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.521 min Scan# 2967
 Delta R.T. -0.006 min
 Lab File: BN030665.D
 Acq: 04 Apr 2024 17:41

Tgt Ion:264 Resp: 22333
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.6 30.8
 265 54.2 41.8 62.8





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.029 ng

RT: 25.784 min Scan# 31

Delta R.T. -0.015 min

Lab File: BN030665.D

Acq: 04 Apr 2024 17:41

Instrument :

BNA_N

ClientSampleId :

EB01-040224

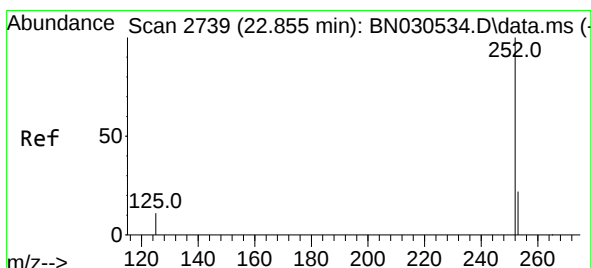
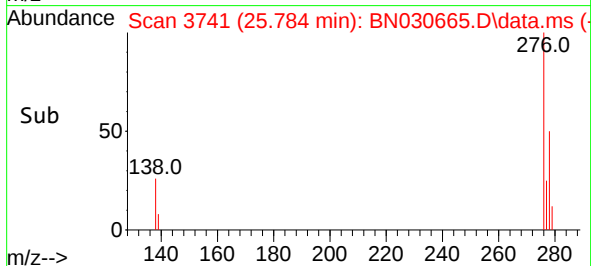
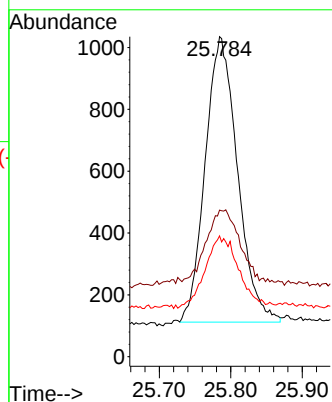
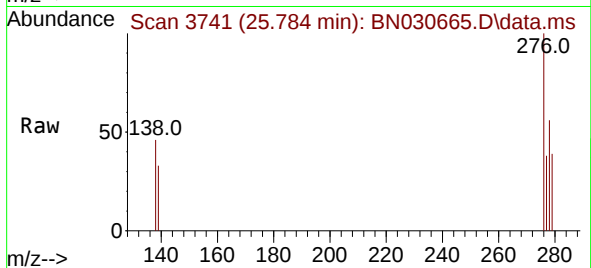
Tgt Ion:276 Resp: 2896

Ion Ratio Lower Upper

276 100

138 26.9 23.0 34.4

277 26.0 20.1 30.1



#37

Benzo(b)fluoranthene

Concen: 0.037 ng

RT: 22.846 min Scan# 2736

Delta R.T. -0.009 min

Lab File: BN030665.D

Acq: 04 Apr 2024 17:41

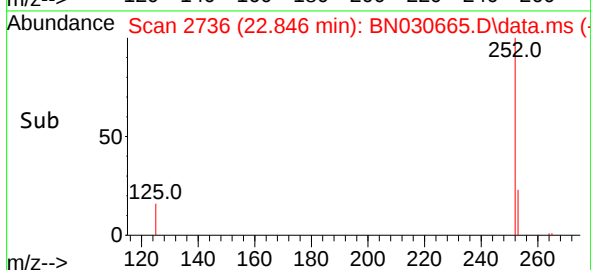
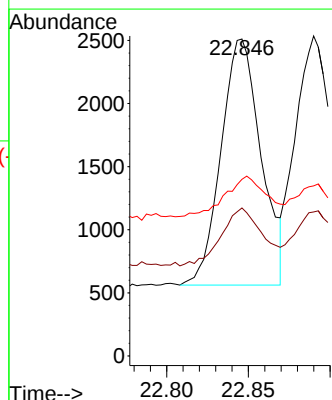
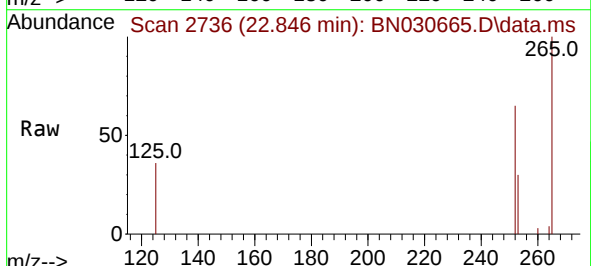
Tgt Ion:252 Resp: 3329

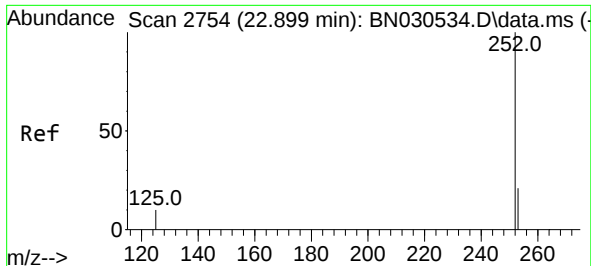
Ion Ratio Lower Upper

252 100

253 46.7 19.2 28.8#

125 55.7 11.7 17.5#

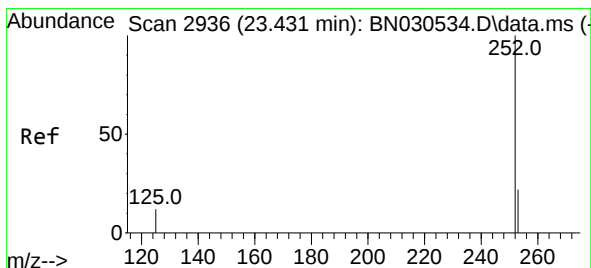
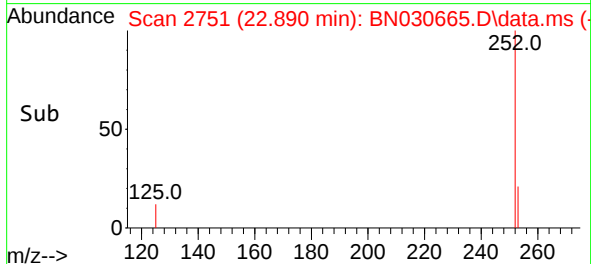
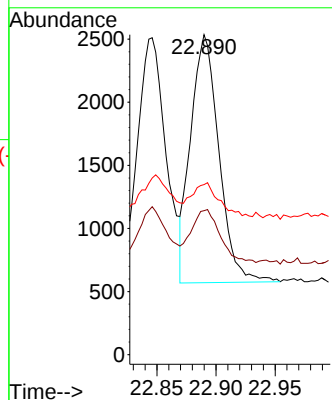
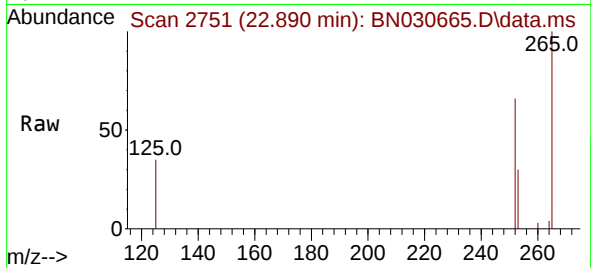




#38
Benzo(k)fluoranthene
Concen: 0.036 ng
RT: 22.890 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

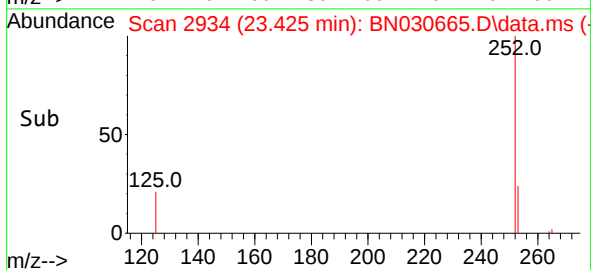
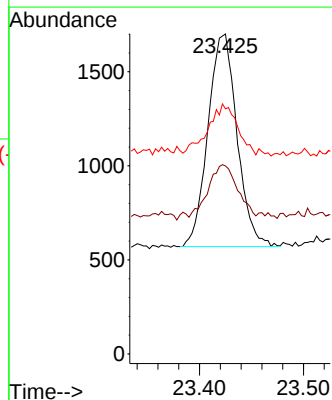
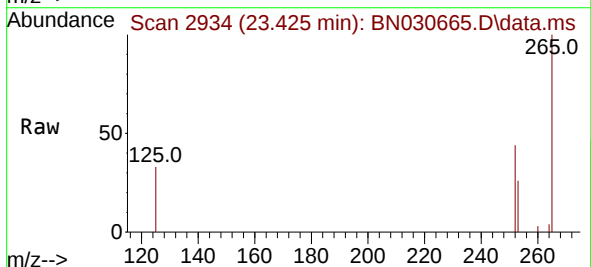
Instrument :
BNA_N
ClientSampleId :
EB01-040224

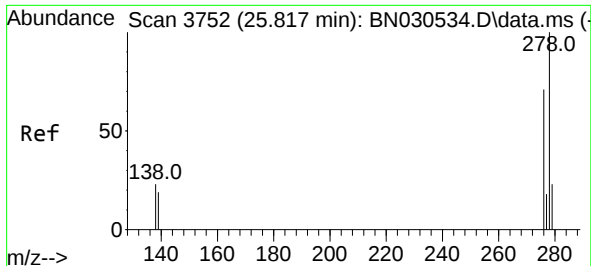
Tgt Ion:252 Resp: 3267
Ion Ratio Lower Upper
252 100
253 45.0 18.9 28.3#
125 53.2 11.5 17.3#



#39
Benzo(a)pyrene
Concen: 0.030 ng
RT: 23.425 min Scan# 2934
Delta R.T. -0.006 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion:252 Resp: 2194
Ion Ratio Lower Upper
252 100
253 58.7 20.0 30.0#
125 76.6 14.3 21.5#

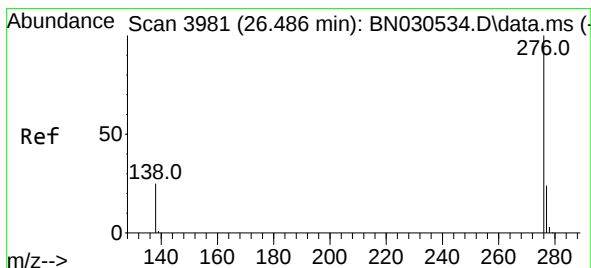
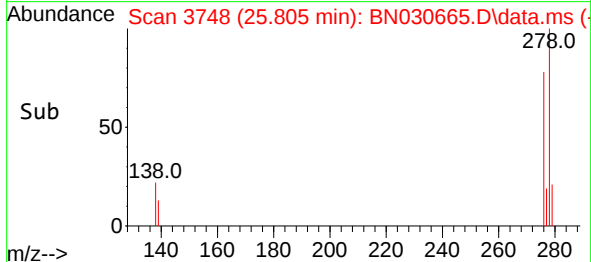
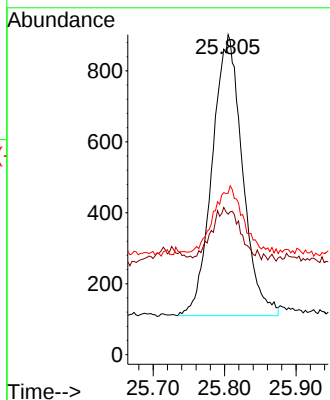
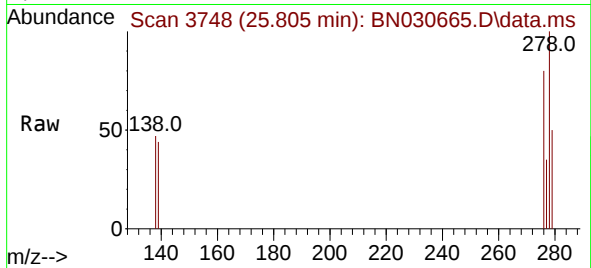




#40
Dibenzo(a,h)anthracene
Concen: 0.030 ng
RT: 25.805 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Instrument :
BNA_N
ClientSampleId :
EB01-040224

Tgt Ion:278 Resp: 2326
Ion Ratio Lower Upper
278 100
139 43.9 16.2 24.2#
279 50.4 20.6 30.8#



#41
Benzo(g,h,i)perylene
Concen: 0.027 ng
RT: 26.477 min Scan# 3978
Delta R.T. -0.009 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion:276 Resp: 2247
Ion Ratio Lower Upper
276 100
277 39.8 19.8 29.6#
138 48.0 20.6 31.0#

