

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
 Data File : BN035849.D
 Acq On : 26 Dec 2024 12:31
 Operator : RC/JU
 Sample : P5376-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT205S1-20241218

Quant Time: Dec 27 00:40:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

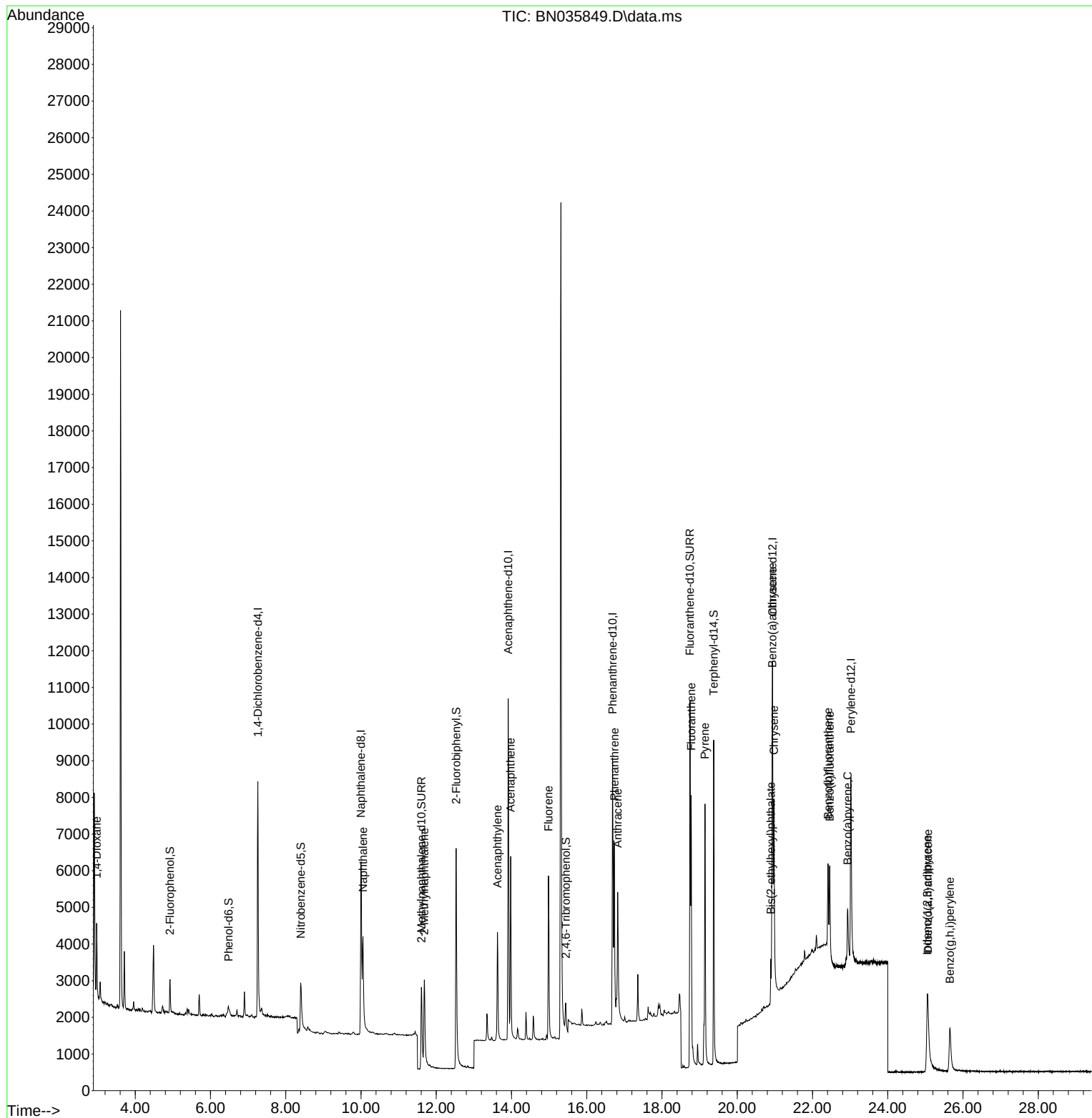
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.257	152	3517	0.400	ng	-0.01
7) Naphthalene-d8	9.999	136	8324	0.400	ng	-0.02
13) Acenaphthene-d10	13.914	164	5358	0.400	ng	-0.02
19) Phenanthrene-d10	16.686	188	11302	0.400	ng	#-0.01
29) Chrysene-d12	20.938	240	8549	0.400	ng	#-0.02
35) Perylene-d12	23.021	264	7798	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.925	112	846	0.096	ng	-0.01
5) Phenol-d6	6.477	99	442	0.042	ng	-0.01
8) Nitrobenzene-d5	8.397	82	2382	0.469	ng	-0.01
11) 2-Methylnaphthalene-d10	11.606	152	4536	0.348	ng	-0.02
14) 2,4,6-Tribromophenol	15.443	330	860	0.226	ng	-0.01
15) 2-Fluorobiphenyl	12.528	172	7437	0.367	ng	-0.02
27) Fluoranthene-d10	18.743	212	12788	0.399	ng	-0.02
31) Terphenyl-d14	19.375	244	9994	0.593	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	1289	0.383	ng	95
9) Naphthalene	10.052	128	3939	0.179	ng	96
12) 2-Methylnaphthalene	11.682	142	2490	0.158	ng	98
16) Acenaphthylene	13.625	152	3867	0.172	ng	99
17) Acenaphthene	13.978	154	2493	0.167	ng	99
18) Fluorene	14.983	166	3286	0.154	ng	99
25) Phenanthrene	16.736	178	6290	0.203	ng	99
26) Anthracene	16.823	178	4610	0.164	ng	98
28) Fluoranthene	18.775	202	6981	0.167	ng	99
30) Pyrene	19.142	202	7191	0.228	ng	99
32) Benzo(a)anthracene	20.929	228	4336	0.145	ng	97
33) Chrysene	20.974	228	5151	0.167	ng	98
34) Bis(2-ethylhexyl)phtha...	20.893	149	1190	0.101	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.050	276	3640	0.119	ng	99
37) Benzo(b)fluoranthene	22.413	252	5477	0.192	ng	# 75
38) Benzo(k)fluoranthene	22.456	252	4164	0.148	ng	# 73
39) Benzo(a)pyrene	22.933	252	2844	0.121	ng	# 53
40) Dibenzo(a,h)anthracene	25.067	278	2834	0.118	ng	# 70
41) Benzo(g,h,i)perylene	25.652	276	2847	0.113	ng	# 90

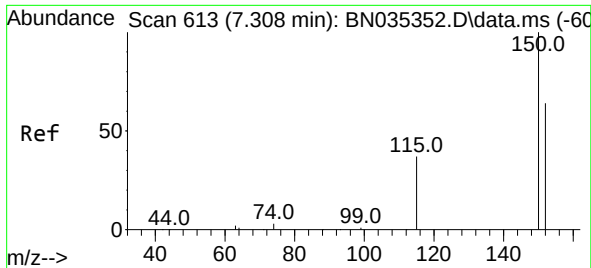
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
Data File : BN035849.D
Acq On : 26 Dec 2024 12:31
Operator : RC/JU
Sample : P5376-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT205S1-20241218

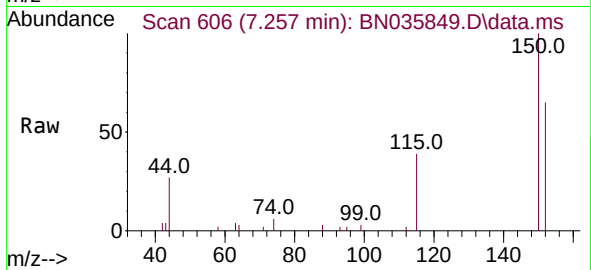
Quant Time: Dec 27 00:40:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration



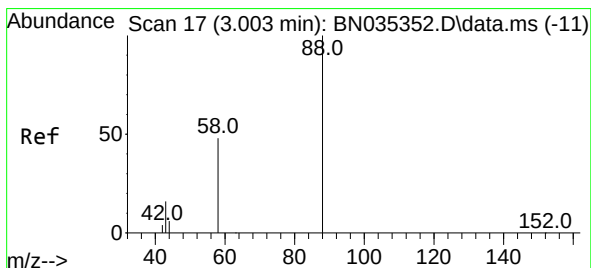
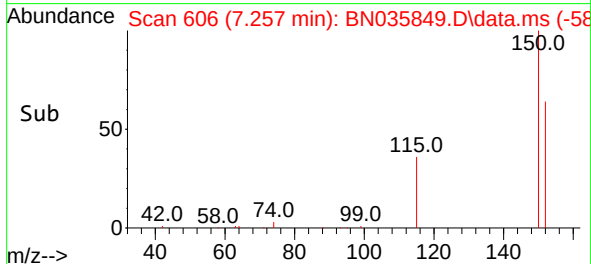
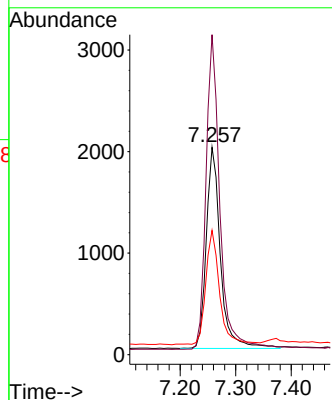


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.257 min Scan# 60
 Delta R.T. -0.015 min
 Lab File: BN035849.D
 Acq: 26 Dec 2024 12:31

Instrument :
 BNA_N
 ClientSampleId :
 TT205S1-20241218

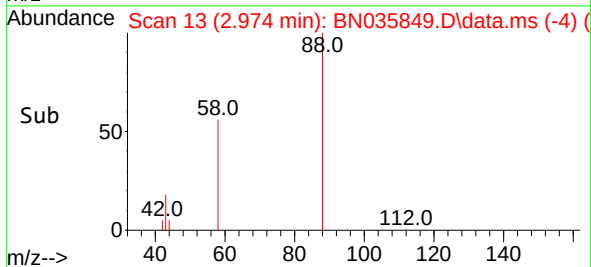
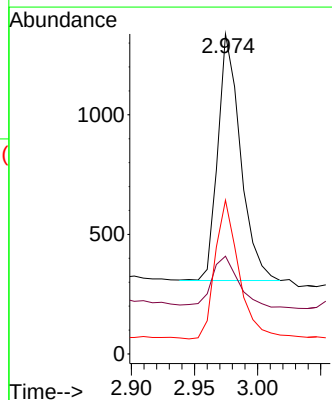
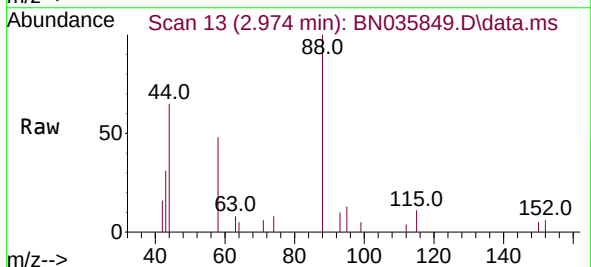


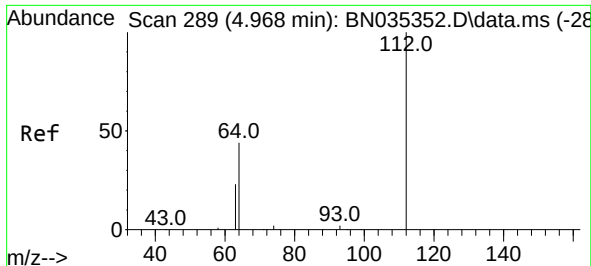
Tgt Ion:152 Resp: 3517
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.0 186.0
 115 60.0 49.6 74.4



#2
 1,4-Dioxane
 Concen: 0.383 ng
 RT: 2.974 min Scan# 13
 Delta R.T. -0.008 min
 Lab File: BN035849.D
 Acq: 26 Dec 2024 12:31

Tgt Ion: 88 Resp: 1289
 Ion Ratio Lower Upper
 88 100
 43 24.2 17.2 25.8
 58 59.4 44.5 66.7

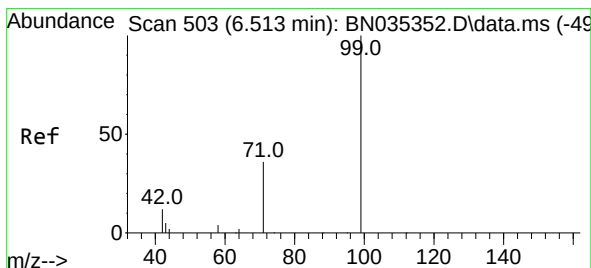
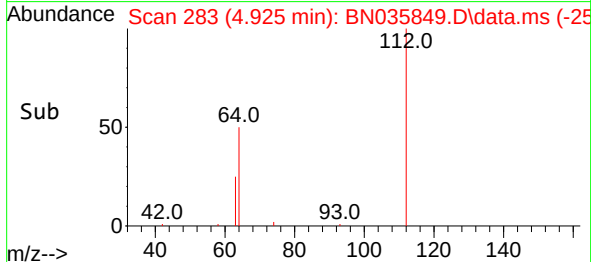
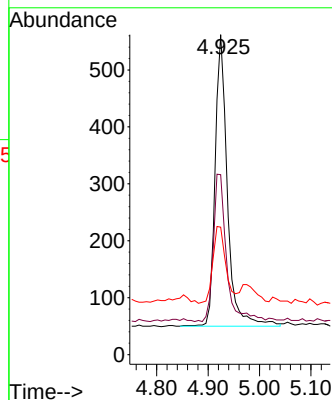
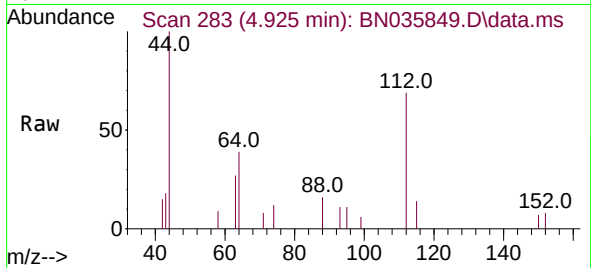




#4
2-Fluorophenol
Concen: 0.096 ng
RT: 4.925 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

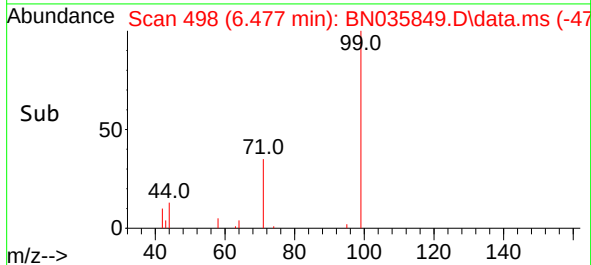
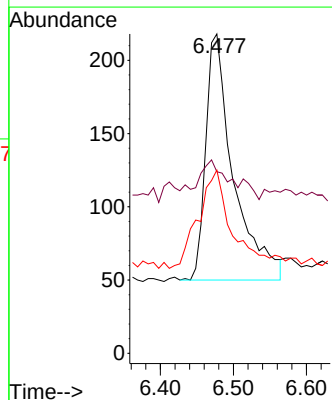
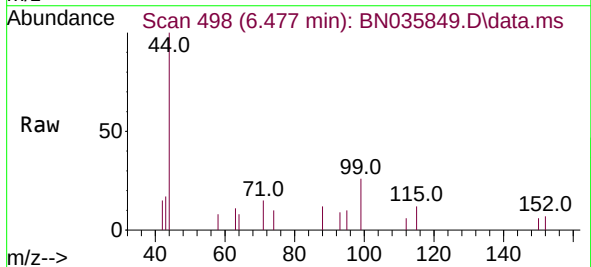
Instrument :
BNA_N
ClientSampleId :
TT205S1-20241218

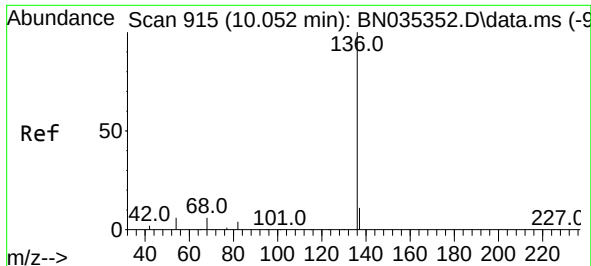
Tgt Ion:112 Resp: 846
Ion Ratio Lower Upper
112 100
64 54.4 39.8 59.8
63 27.9 21.0 31.6



#5
Phenol-d6
Concen: 0.042 ng
RT: 6.477 min Scan# 498
Delta R.T. -0.014 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

Tgt Ion: 99 Resp: 442
Ion Ratio Lower Upper
99 100
42 11.3 11.4 17.2#
71 51.1 29.3 43.9#

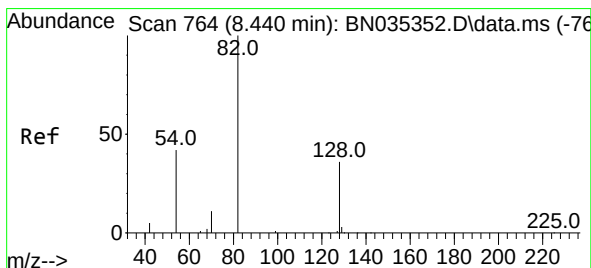
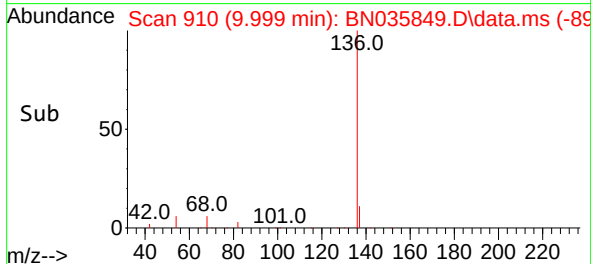
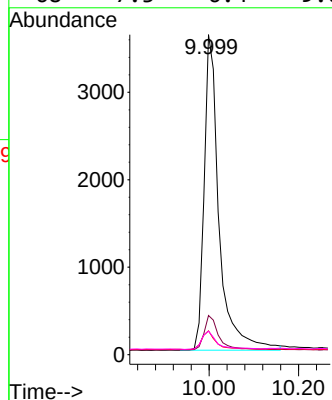
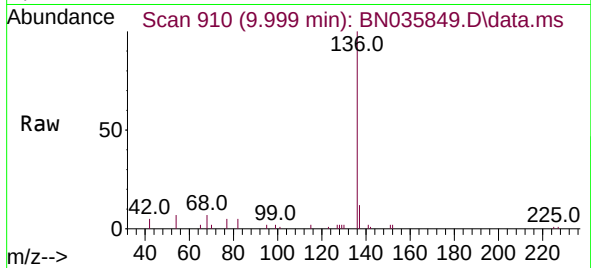




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 9.999 min Scan# 915
Delta R.T. -0.021 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

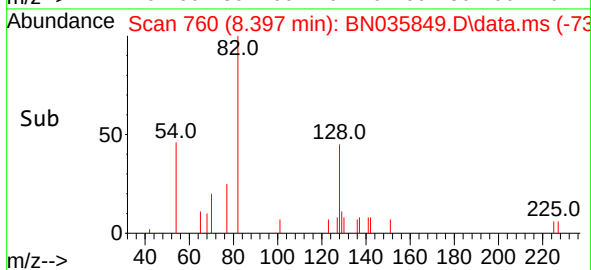
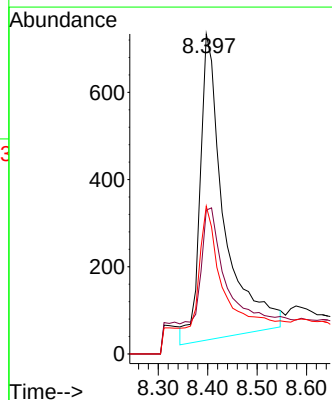
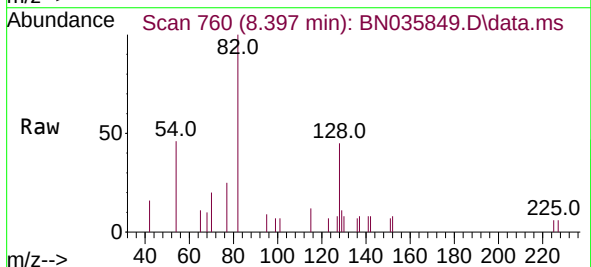
Instrument :
BNA_N
ClientSampleId :
TT205S1-20241218

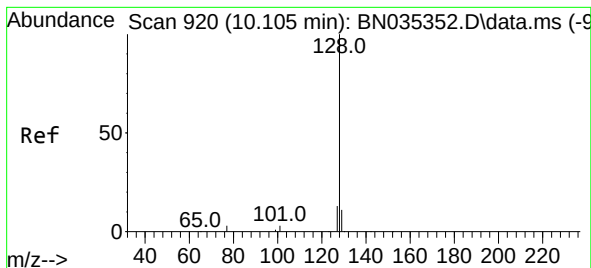
Tgt Ion:	136	Resp:	8324
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.2	15.2
54	7.4	6.1	9.1
68	7.3	6.4	9.6



#8
Nitrobenzene-d5
Concen: 0.469 ng
RT: 8.397 min Scan# 760
Delta R.T. -0.011 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

Tgt Ion:	82	Resp:	2382
Ion	Ratio	Lower	Upper
82	100		
128	45.0	33.4	50.0
54	46.2	36.7	55.1





#9

Naphthalene

Concen: 0.179 ng

RT: 10.052 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN035849.D

Acq: 26 Dec 2024 12:31

Instrument :

BNA_N

ClientSampleId :

TT205S1-20241218

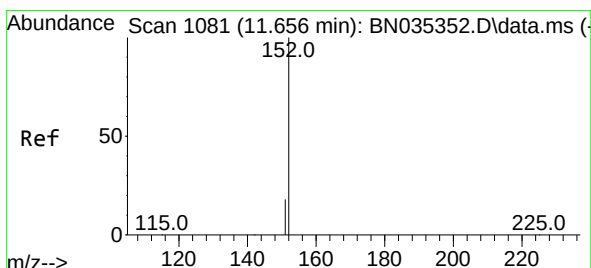
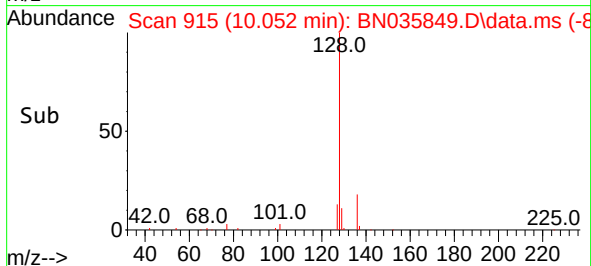
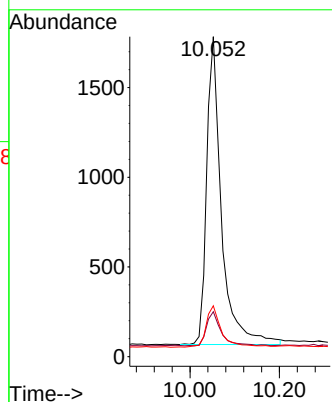
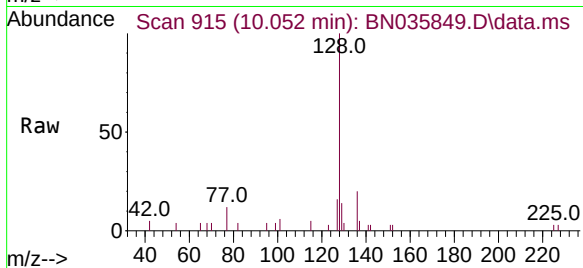
Tgt Ion:128 Resp: 3939

Ion Ratio Lower Upper

128 100

129 14.0 9.8 14.6

127 15.9 11.4 17.2



#11

2-Methylnaphthalene-d10

Concen: 0.348 ng

RT: 11.606 min Scan# 1071

Delta R.T. -0.015 min

Lab File: BN035849.D

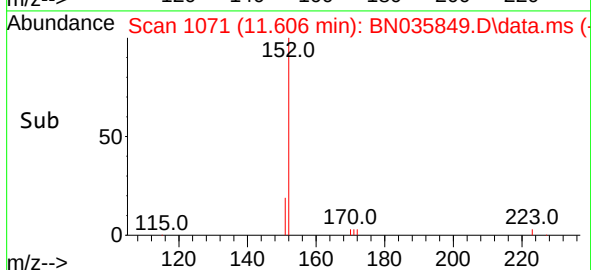
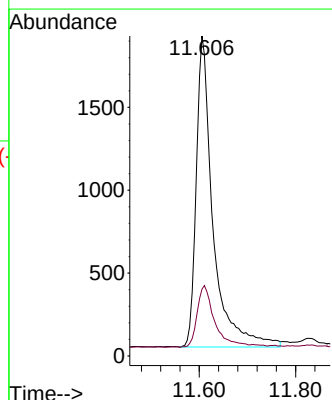
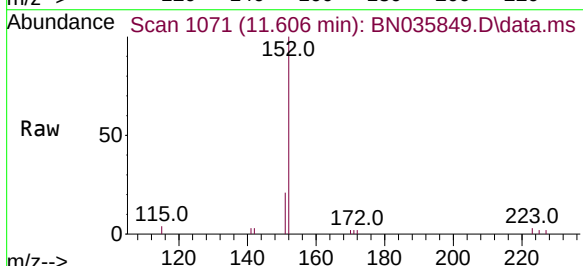
Acq: 26 Dec 2024 12:31

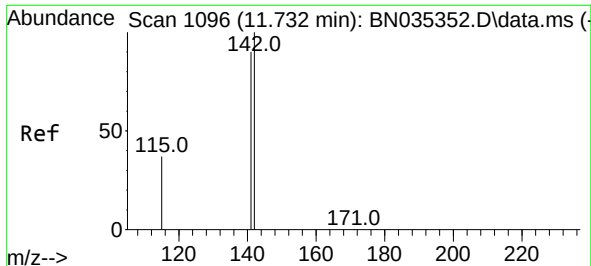
Tgt Ion:152 Resp: 4536

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0

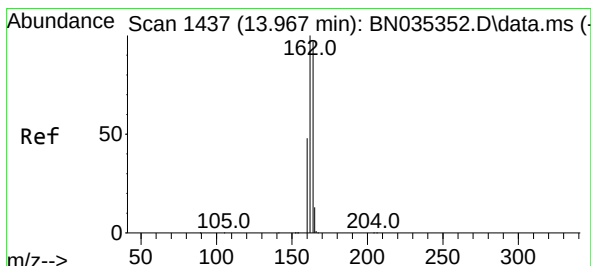
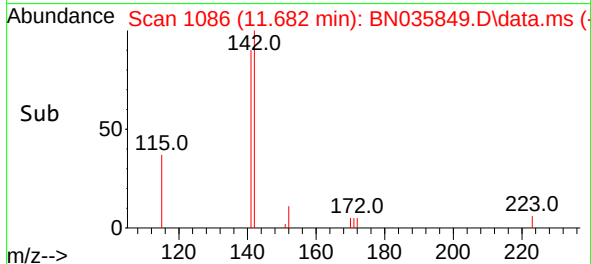
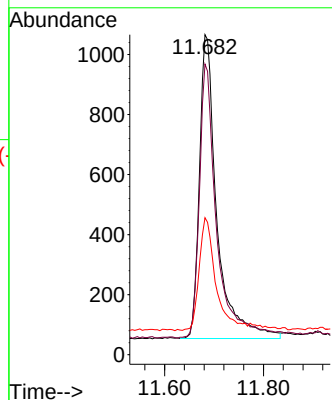
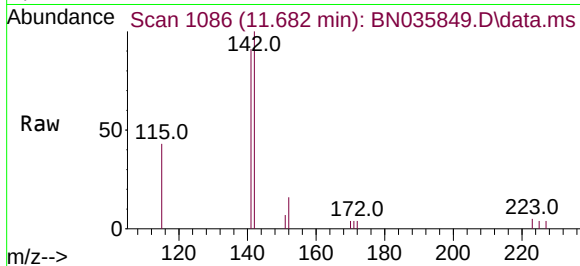




#12
2-Methylnaphthalene
Concen: 0.158 ng
RT: 11.682 min Scan# 1086
Delta R.T. -0.015 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

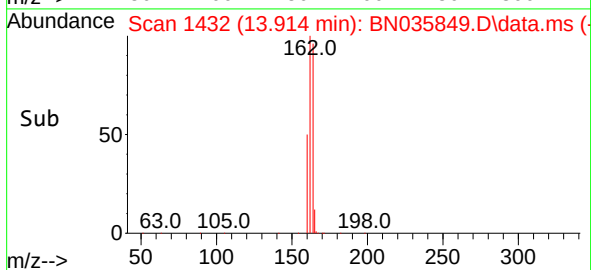
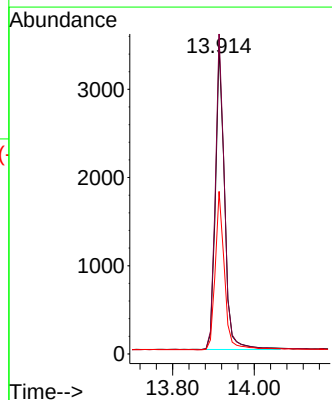
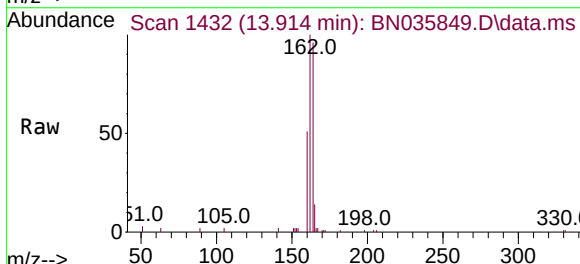
Instrument :
BNA_N
ClientSampleId :
TT205S1-20241218

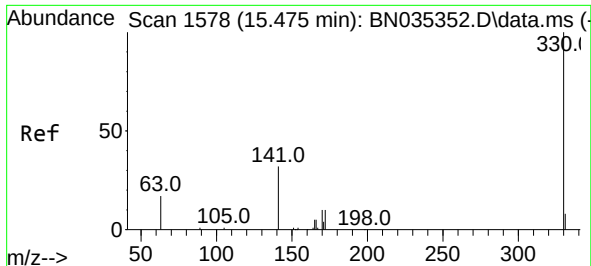
Tgt Ion:	142	Resp:	2490
Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.2	108.4
115	42.8	31.4	47.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.914 min Scan# 1432
Delta R.T. -0.021 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

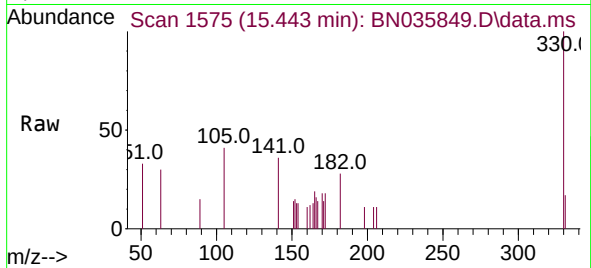
Tgt Ion:	164	Resp:	5358
Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.2	123.2
160	52.9	40.1	60.1



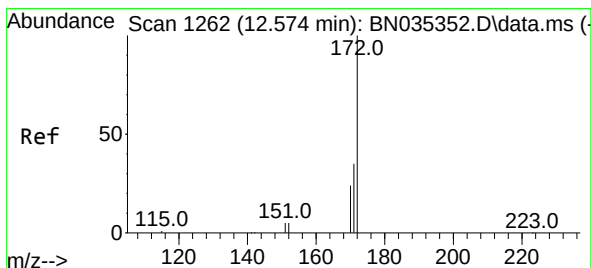
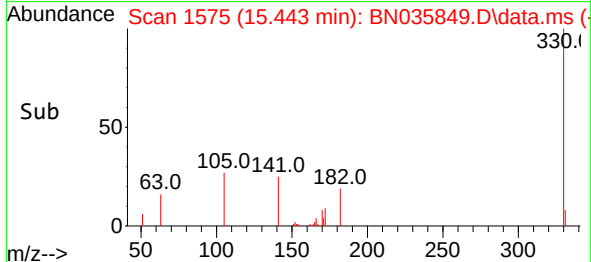
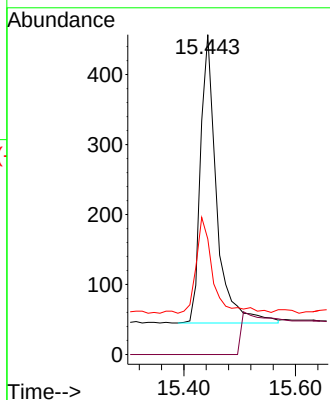


#14
2,4,6-Tribromophenol
Concen: 0.226 ng
RT: 15.443 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

Instrument :
BNA_N
ClientSampleId :
TT205S1-20241218

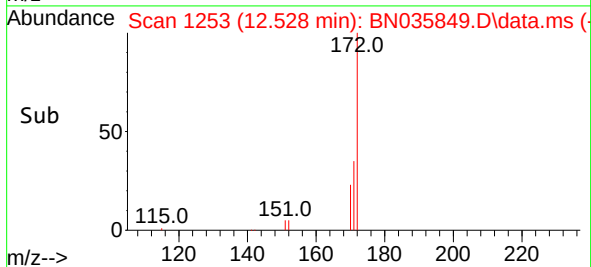
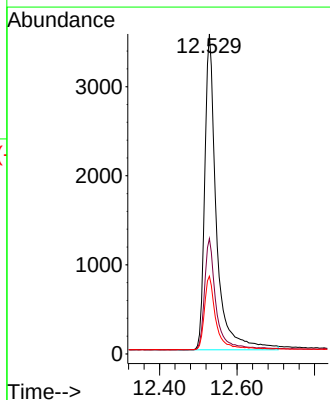
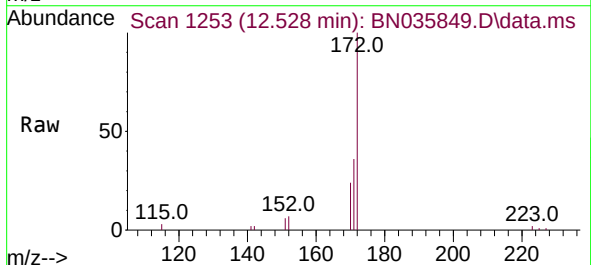


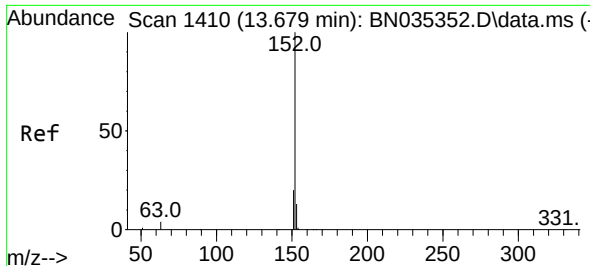
Tgt Ion:330 Resp: 860
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.0 26.6 40.0



#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 12.528 min Scan# 1253
Delta R.T. -0.015 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

Tgt Ion:172 Resp: 7437
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 24.3 19.8 29.8

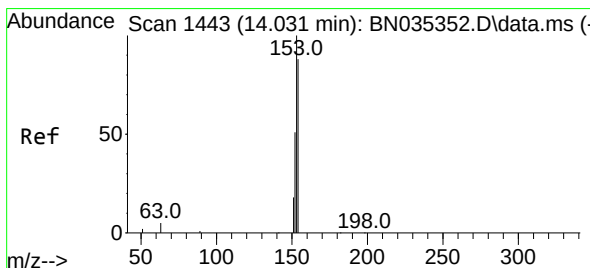
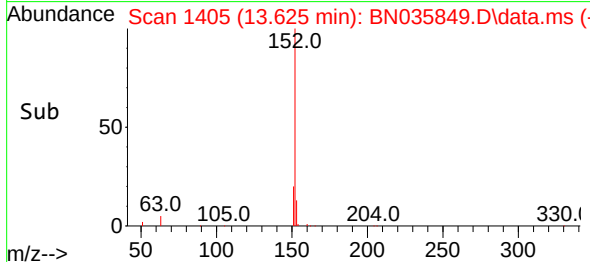
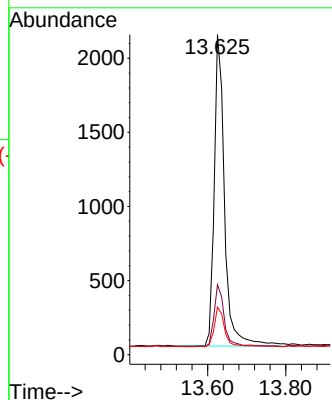
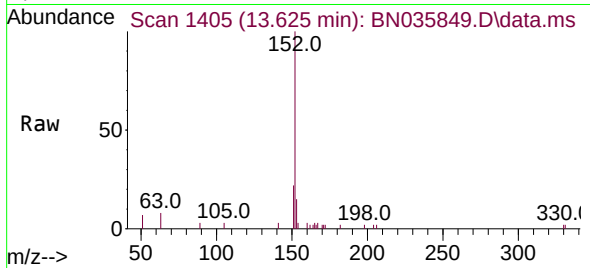




#16
Acenaphthylene
Concen: 0.172 ng
RT: 13.625 min Scan# 1410
Delta R.T. -0.021 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

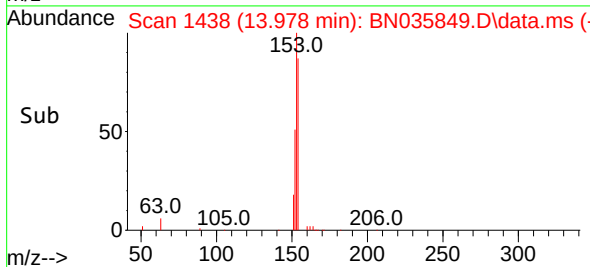
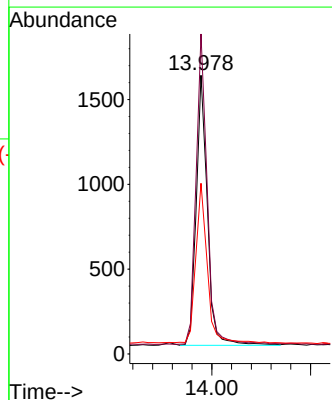
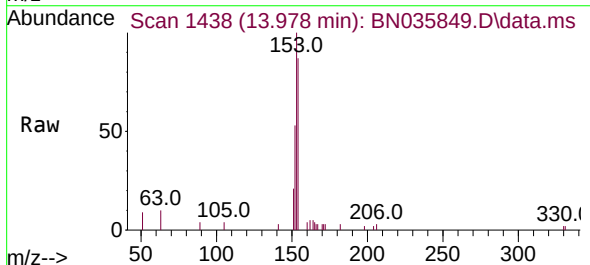
Instrument :
BNA_N
ClientSampleId :
TT205S1-20241218

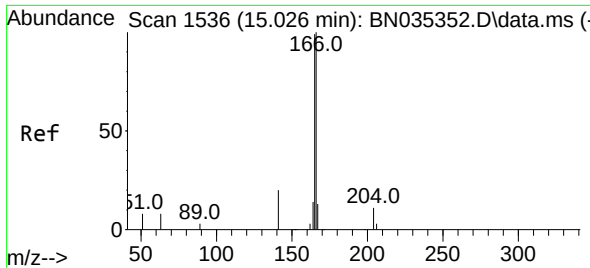
Tgt Ion:152 Resp: 3867
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 12.9 10.4 15.6



#17
Acenaphthene
Concen: 0.167 ng
RT: 13.978 min Scan# 1438
Delta R.T. -0.021 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

Tgt Ion:154 Resp: 2493
Ion Ratio Lower Upper
154 100
153 114.9 92.6 139.0
152 59.9 49.0 73.6

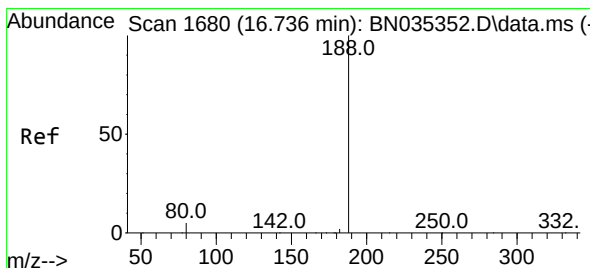
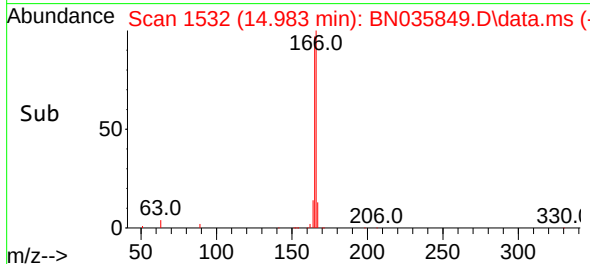
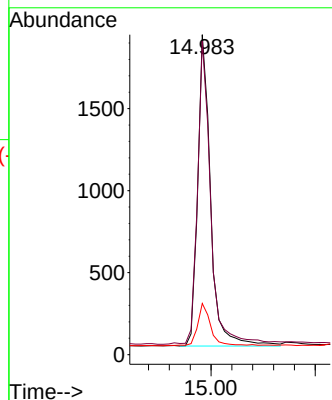
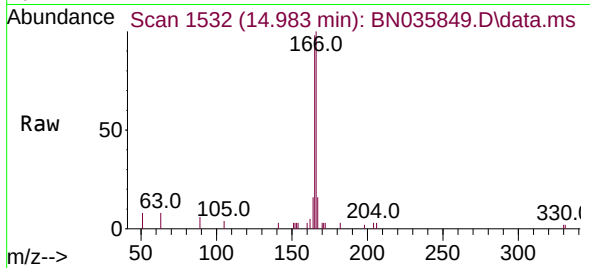




#18
 Fluorene
 Concen: 0.154 ng
 RT: 14.983 min Scan# 1532
 Delta R.T. -0.021 min
 Lab File: BN035849.D
 Acq: 26 Dec 2024 12:31

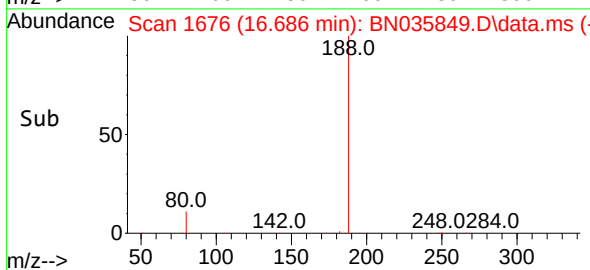
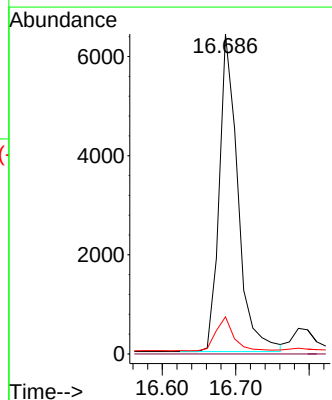
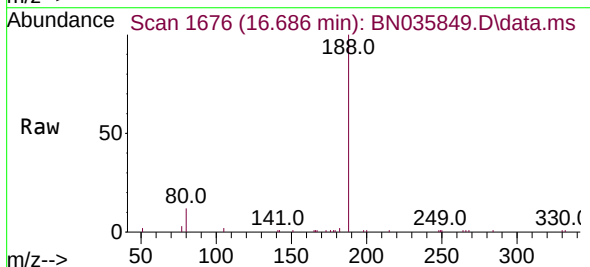
Instrument :
 BNA_N
 ClientSampleId :
 TT205S1-20241218

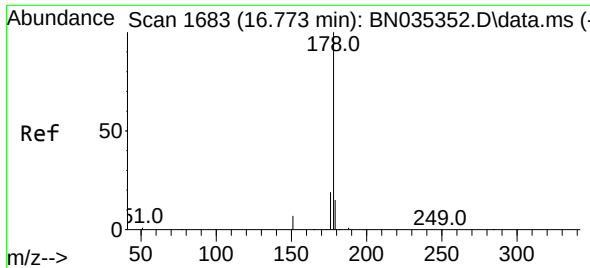
Tgt Ion:166 Resp: 3286
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.7 119.5
 167 13.9 10.8 16.2



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.686 min Scan# 1676
 Delta R.T. -0.012 min
 Lab File: BN035849.D
 Acq: 26 Dec 2024 12:31

Tgt Ion:188 Resp: 11302
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 11.6 4.6 6.8#

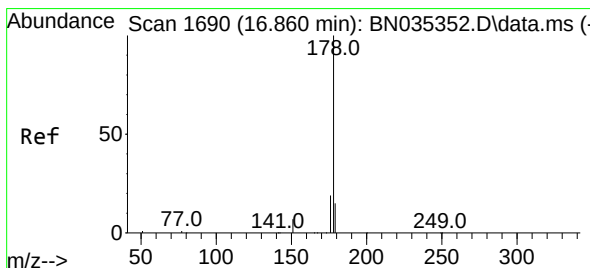
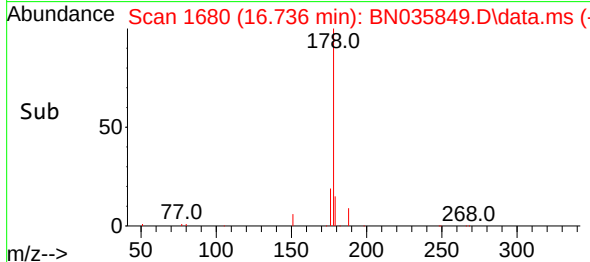
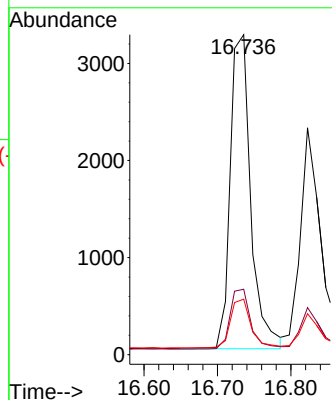
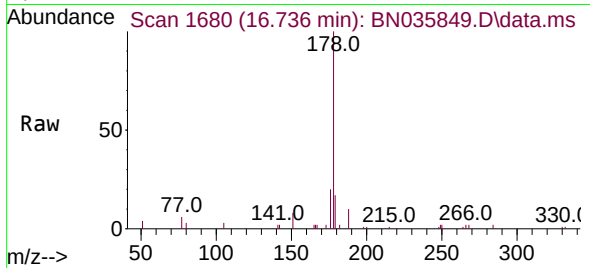




#25
Phenanthrene
Concen: 0.203 ng
RT: 16.736 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

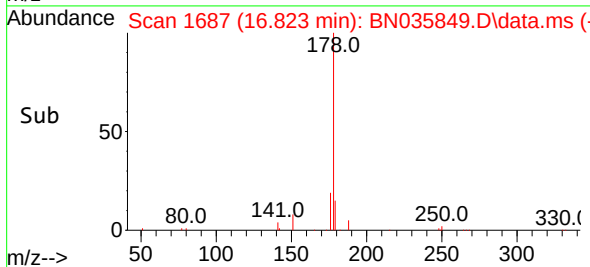
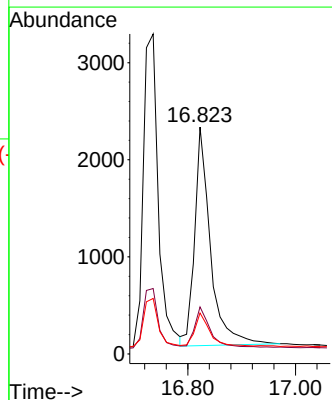
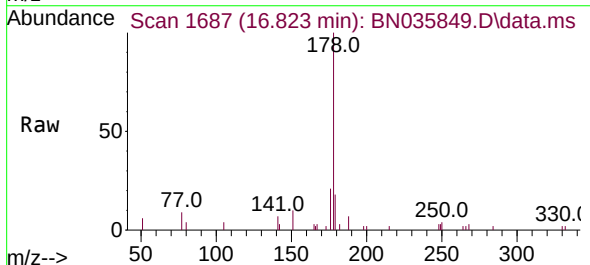
Instrument :
BNA_N
ClientSampleId :
TT205S1-20241218

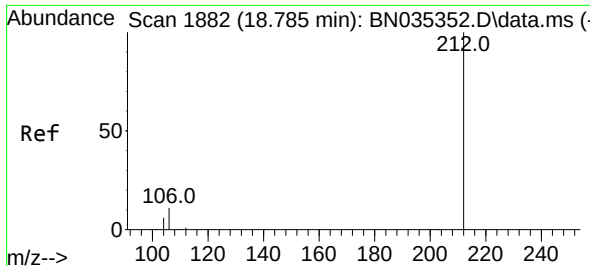
Tgt Ion:178 Resp: 6290
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.9 12.3 18.5



#26
Anthracene
Concen: 0.164 ng
RT: 16.823 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

Tgt Ion:178 Resp: 4610
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 14.3 12.6 18.8

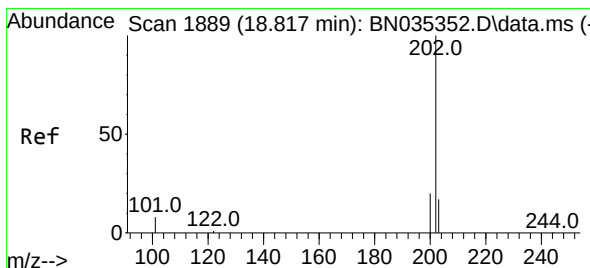
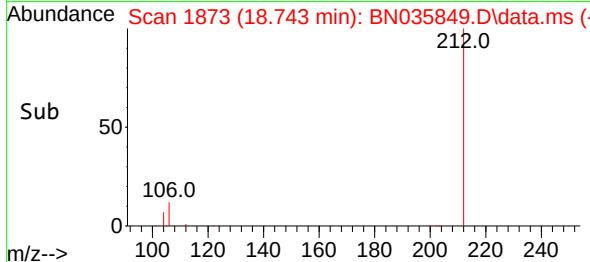
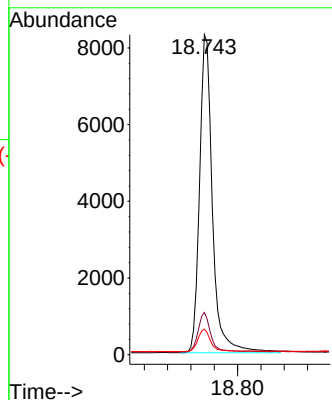
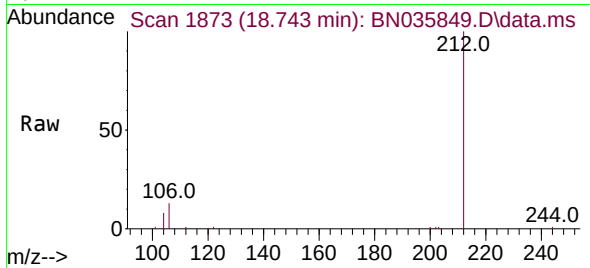




#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 18.743 min Scan# 1873
Delta R.T. -0.019 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

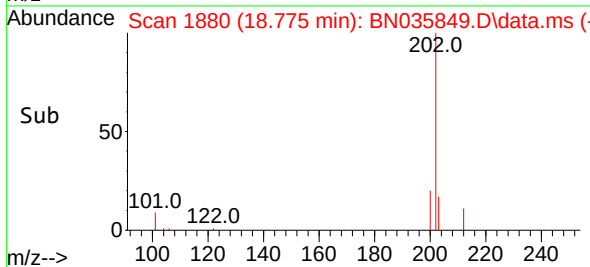
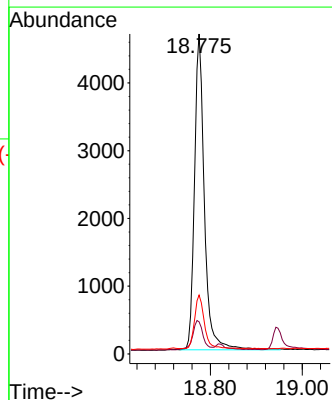
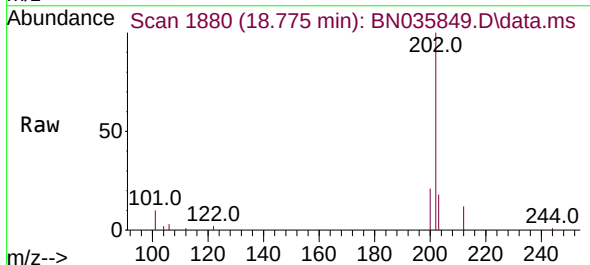
Instrument :
BNA_N
ClientSampleId :
TT205S1-20241218

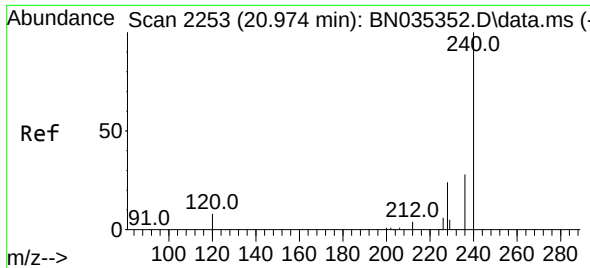
Tgt Ion:212 Resp: 12788
Ion Ratio Lower Upper
212 100
106 11.9 9.2 13.8
104 6.8 5.3 7.9



#28
Fluoranthene
Concen: 0.167 ng
RT: 18.775 min Scan# 1880
Delta R.T. -0.014 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

Tgt Ion:202 Resp: 6981
Ion Ratio Lower Upper
202 100
101 9.6 7.4 11.0
203 16.7 13.7 20.5

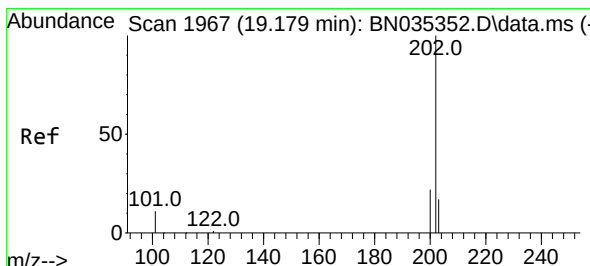
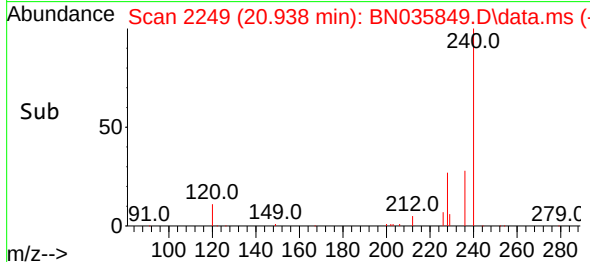
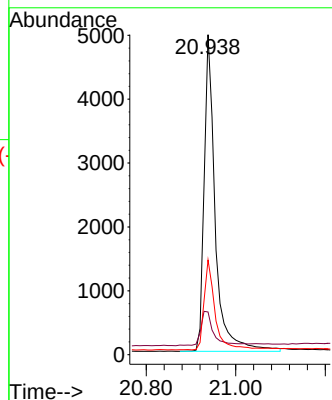
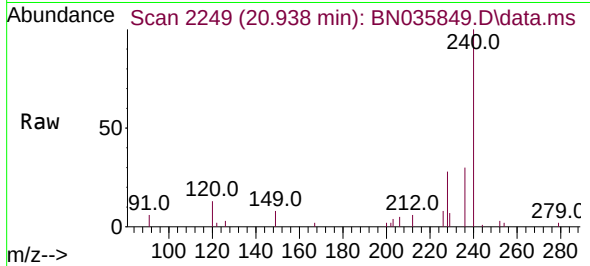




#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.938 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

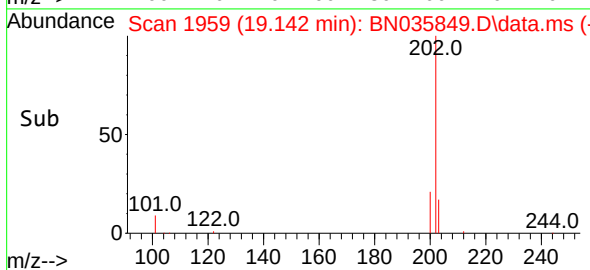
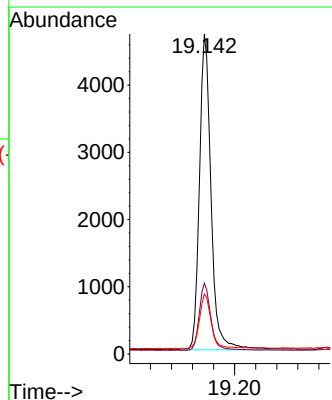
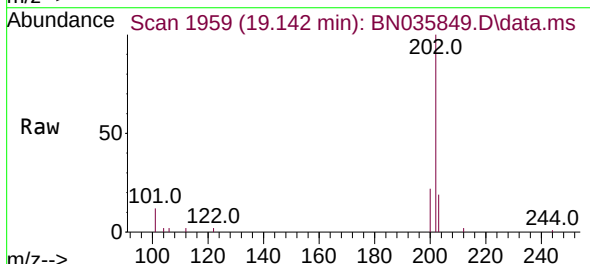
Instrument :
BNA_N
ClientSampleId :
TT205S1-20241218

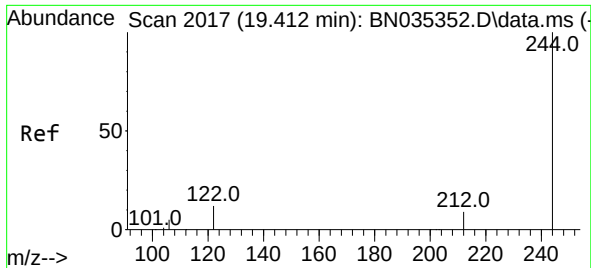
Tgt Ion:240 Resp: 8549
Ion Ratio Lower Upper
240 100
120 13.3 7.9 11.9#
236 29.6 22.9 34.3



#30
Pyrene
Concen: 0.228 ng
RT: 19.142 min Scan# 1959
Delta R.T. -0.019 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

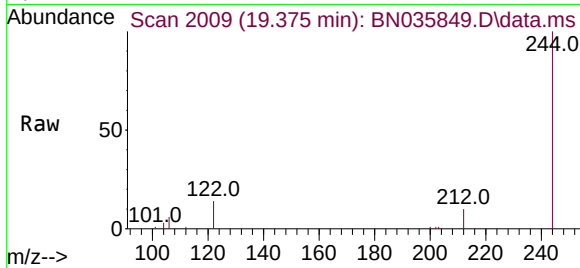
Tgt Ion:202 Resp: 7191
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.4 14.3 21.5



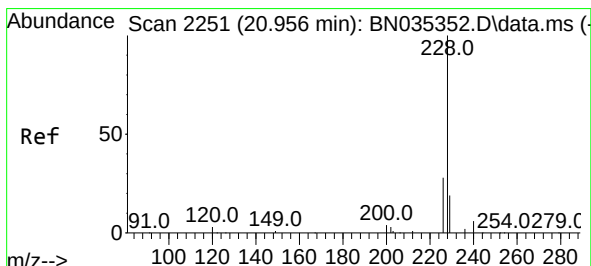
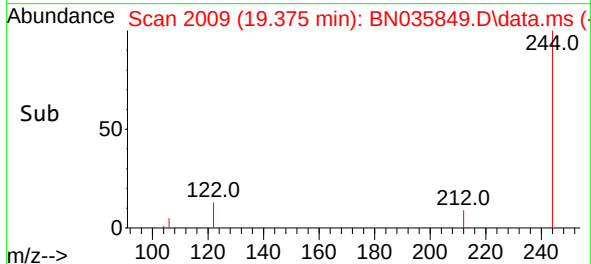
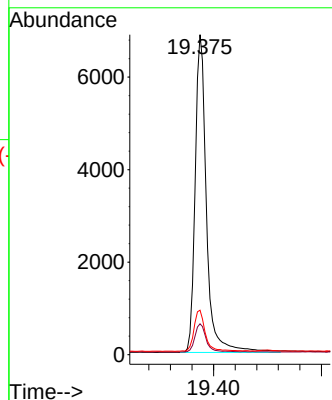


#31
 Terphenyl-d14
 Concen: 0.593 ng
 RT: 19.375 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN035849.D
 Acq: 26 Dec 2024 12:31

Instrument :
 BNA_N
 ClientSampleId :
 TT205S1-20241218

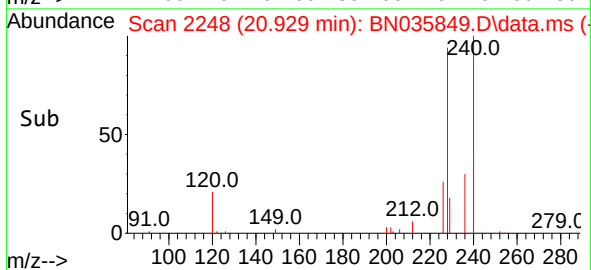
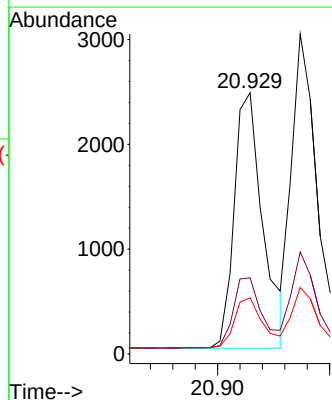
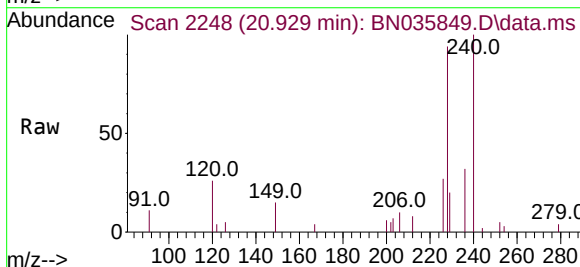


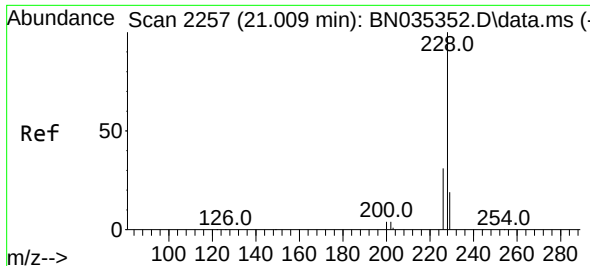
Tgt Ion:244 Resp: 9994
 Ion Ratio Lower Upper
 244 100
 212 9.7 8.1 12.1
 122 13.9 10.3 15.5



#32
 Benzo(a)anthracene
 Concen: 0.145 ng
 RT: 20.929 min Scan# 2248
 Delta R.T. -0.009 min
 Lab File: BN035849.D
 Acq: 26 Dec 2024 12:31

Tgt Ion:228 Resp: 4336
 Ion Ratio Lower Upper
 228 100
 226 29.1 22.5 33.7
 229 21.5 15.8 23.8

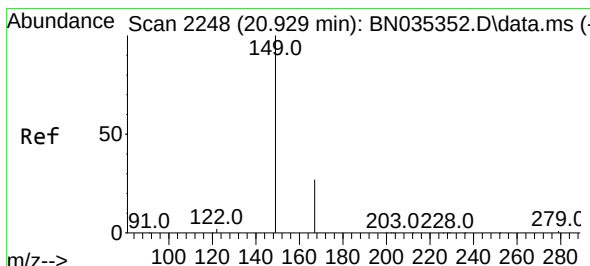
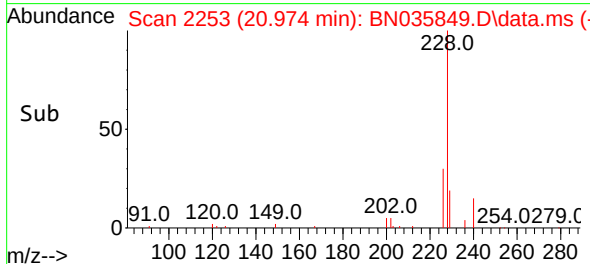
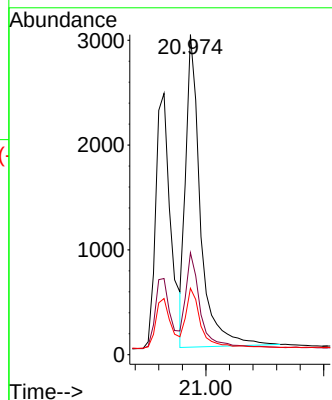
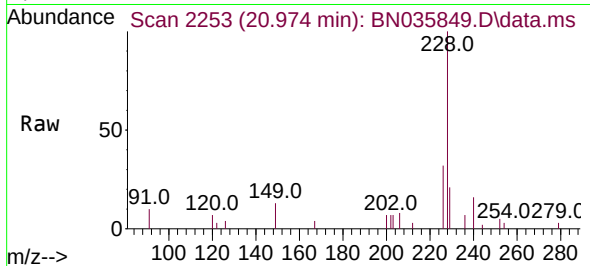




#33
Chrysene
Concen: 0.167 ng
RT: 20.974 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

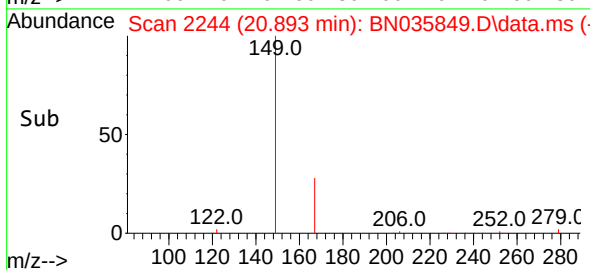
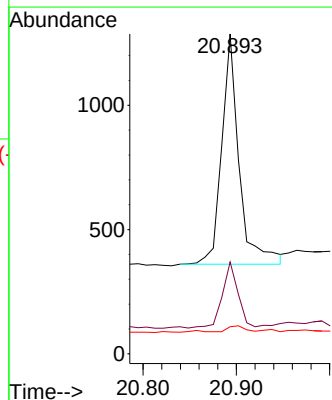
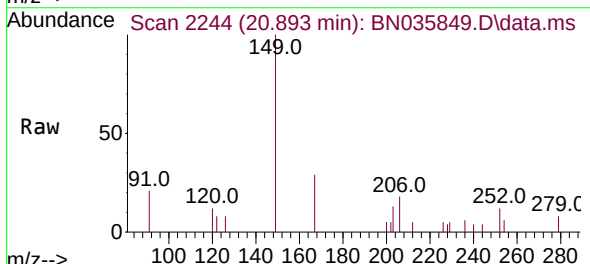
Instrument :
BNA_N
ClientSampleId :
TT205S1-20241218

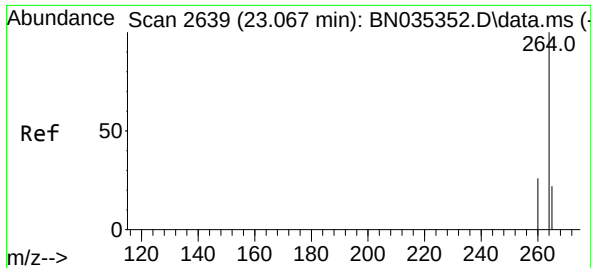
Tgt Ion:228 Resp: 5151
Ion Ratio Lower Upper
228 100
226 31.9 24.6 37.0
229 20.7 15.9 23.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.101 ng
RT: 20.893 min Scan# 2244
Delta R.T. -0.018 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

Tgt Ion:149 Resp: 1190
Ion Ratio Lower Upper
149 100
167 25.9 22.2 33.4
279 2.4 2.7 4.1#

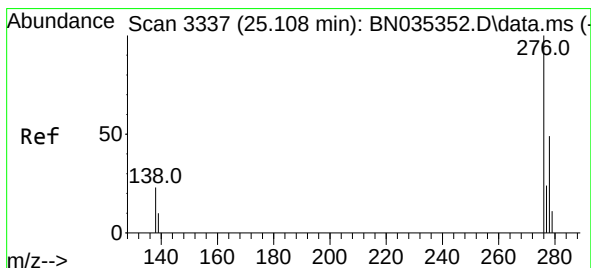
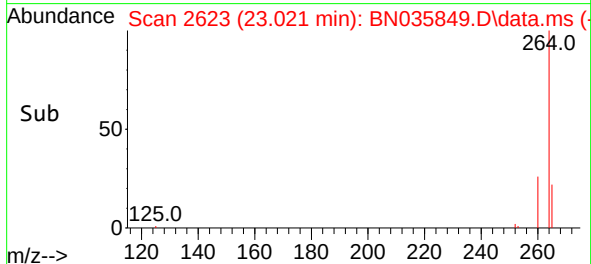
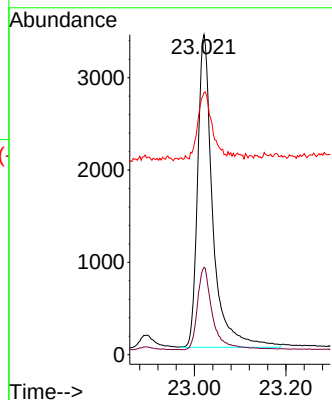
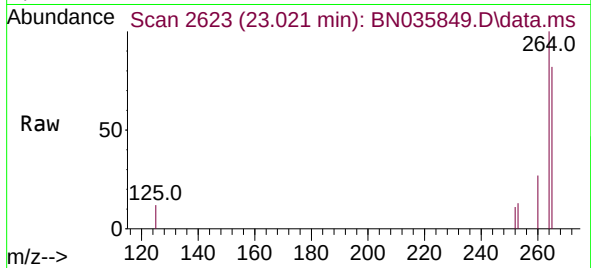




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.021 min Scan# 2623
 Delta R.T. -0.020 min
 Lab File: BN035849.D
 Acq: 26 Dec 2024 12:31

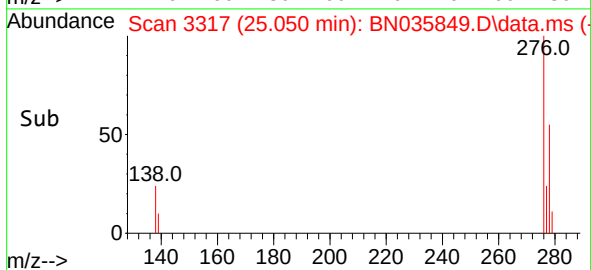
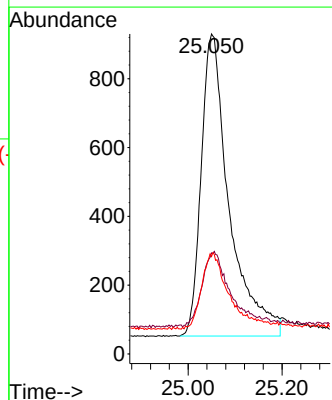
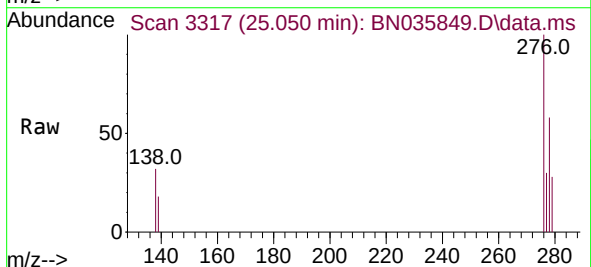
Instrument :
 BNA_N
 ClientSampleId :
 TT205S1-20241218

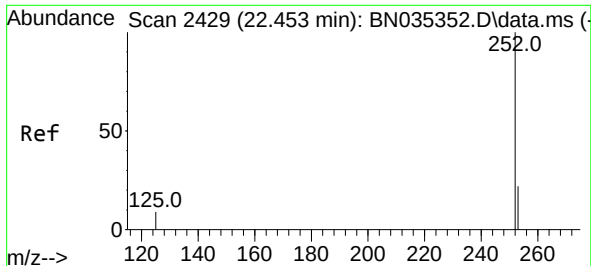
Tgt Ion:264 Resp: 7798
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.4 32.2
 265 81.9 40.2 60.4#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.119 ng
 RT: 25.050 min Scan# 3317
 Delta R.T. -0.018 min
 Lab File: BN035849.D
 Acq: 26 Dec 2024 12:31

Tgt Ion:276 Resp: 3640
 Ion Ratio Lower Upper
 276 100
 138 24.8 19.4 29.0
 277 25.1 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.192 ng

RT: 22.413 min Scan# 2415

Delta R.T. -0.018 min

Lab File: BN035849.D

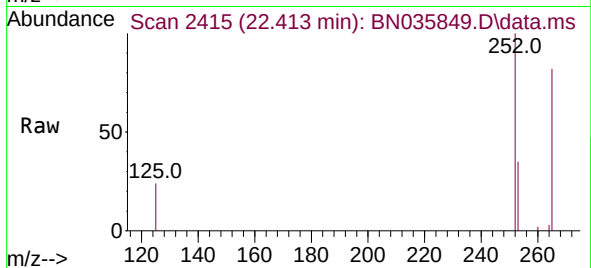
Acq: 26 Dec 2024 12:31

Instrument :

BNA_N

ClientSampleId :

TT205S1-20241218



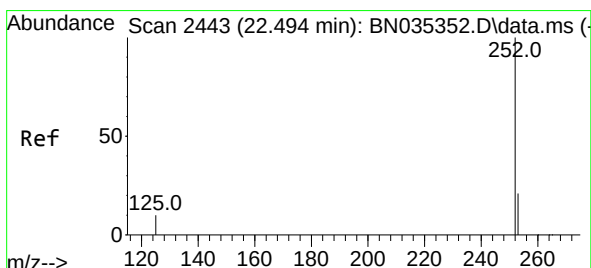
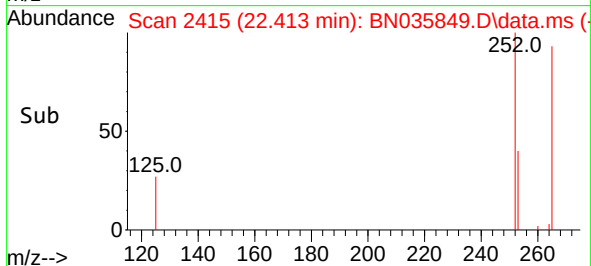
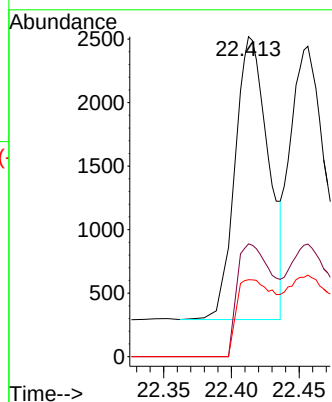
Tgt Ion:252 Resp: 5477

Ion Ratio Lower Upper

252 100

253 35.3 19.6 29.4#

125 24.1 9.6 14.4#



#38

Benzo(k)fluoranthene

Concen: 0.148 ng

RT: 22.456 min Scan# 2430

Delta R.T. -0.015 min

Lab File: BN035849.D

Acq: 26 Dec 2024 12:31

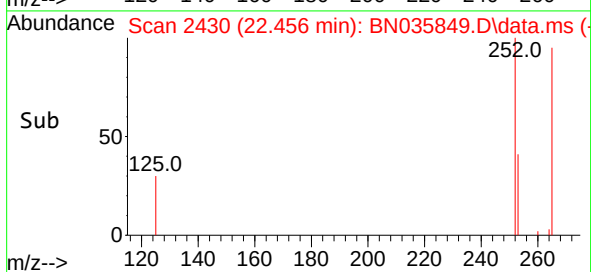
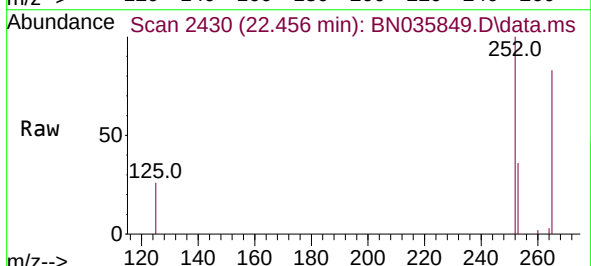
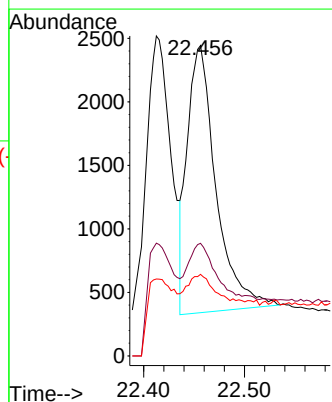
Tgt Ion:252 Resp: 4164

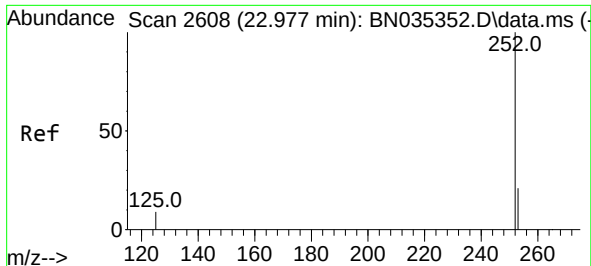
Ion Ratio Lower Upper

252 100

253 36.3 19.5 29.3#

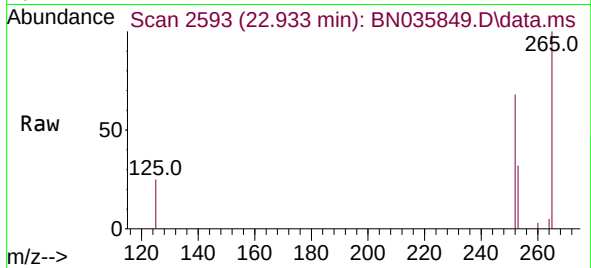
125 26.3 10.2 15.4#



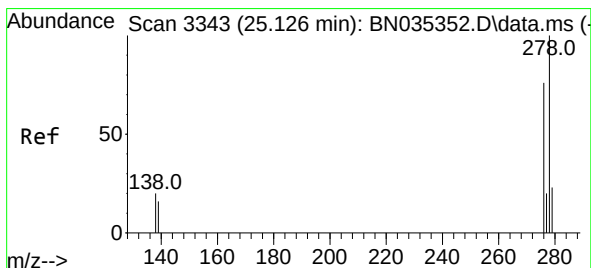
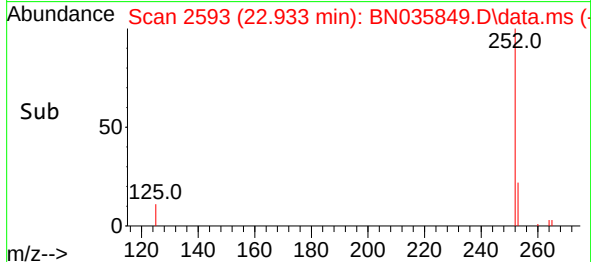
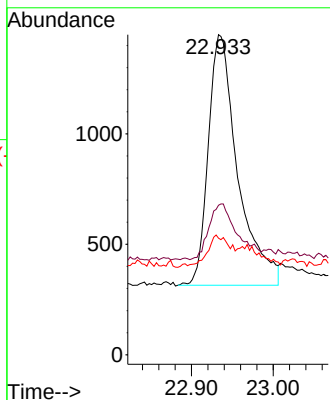


#39
Benzo(a)pyrene
Concen: 0.121 ng
RT: 22.933 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

Instrument :
BNA_N
ClientSampleId :
TT205S1-20241218

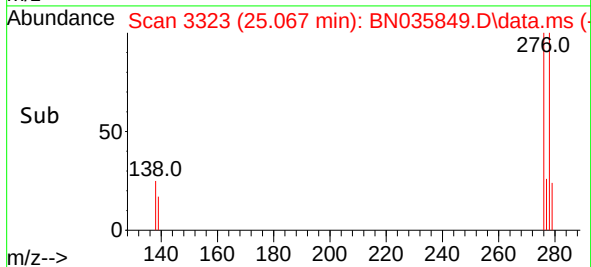
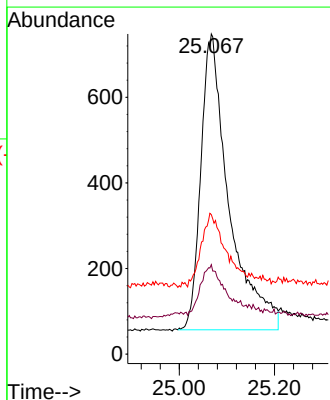
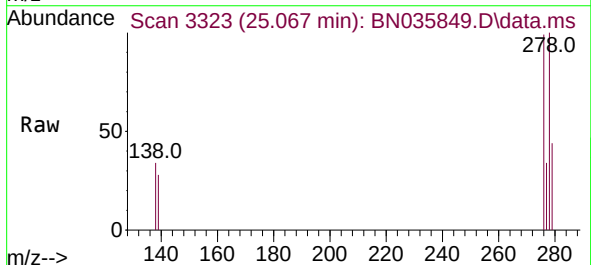


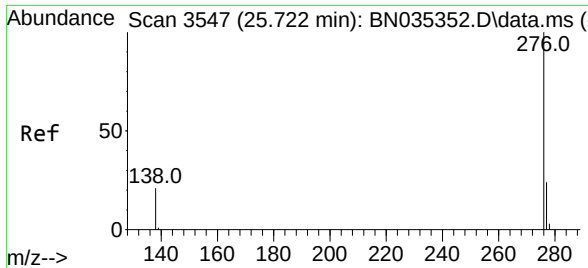
Tgt Ion:252 Resp: 2844
Ion Ratio Lower Upper
252 100
253 46.7 20.2 30.4#
125 36.4 10.9 16.3#



#40
Dibenzo(a,h)anthracene
Concen: 0.118 ng
RT: 25.067 min Scan# 3323
Delta R.T. -0.015 min
Lab File: BN035849.D
Acq: 26 Dec 2024 12:31

Tgt Ion:278 Resp: 2834
Ion Ratio Lower Upper
278 100
139 27.9 14.2 21.4#
279 43.6 20.5 30.7#





#41

Benzo(g,h,i)perylene

Concen: 0.113 ng

RT: 25.652 min Scan# 31

Delta R.T. -0.026 min

Lab File: BN035849.D

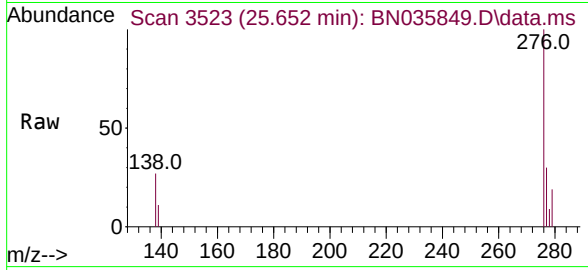
Acq: 26 Dec 2024 12:31

Instrument :

BNA_N

ClientSampleId :

TT205S1-20241218



Tgt Ion:276 Resp: 2847

Ion Ratio Lower Upper

276 100

277 30.0 19.9 29.9#

138 27.2 17.8 26.8#

