

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033451.D
 Acq On : 17 Aug 2024 04:14
 Operator : MA/JU
 Sample : P3580-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 925-K1-SD-0.5-1-081224

Quant Time: Aug 17 04:50:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 16 04:44:11 2024
 Response via : Initial Calibration

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

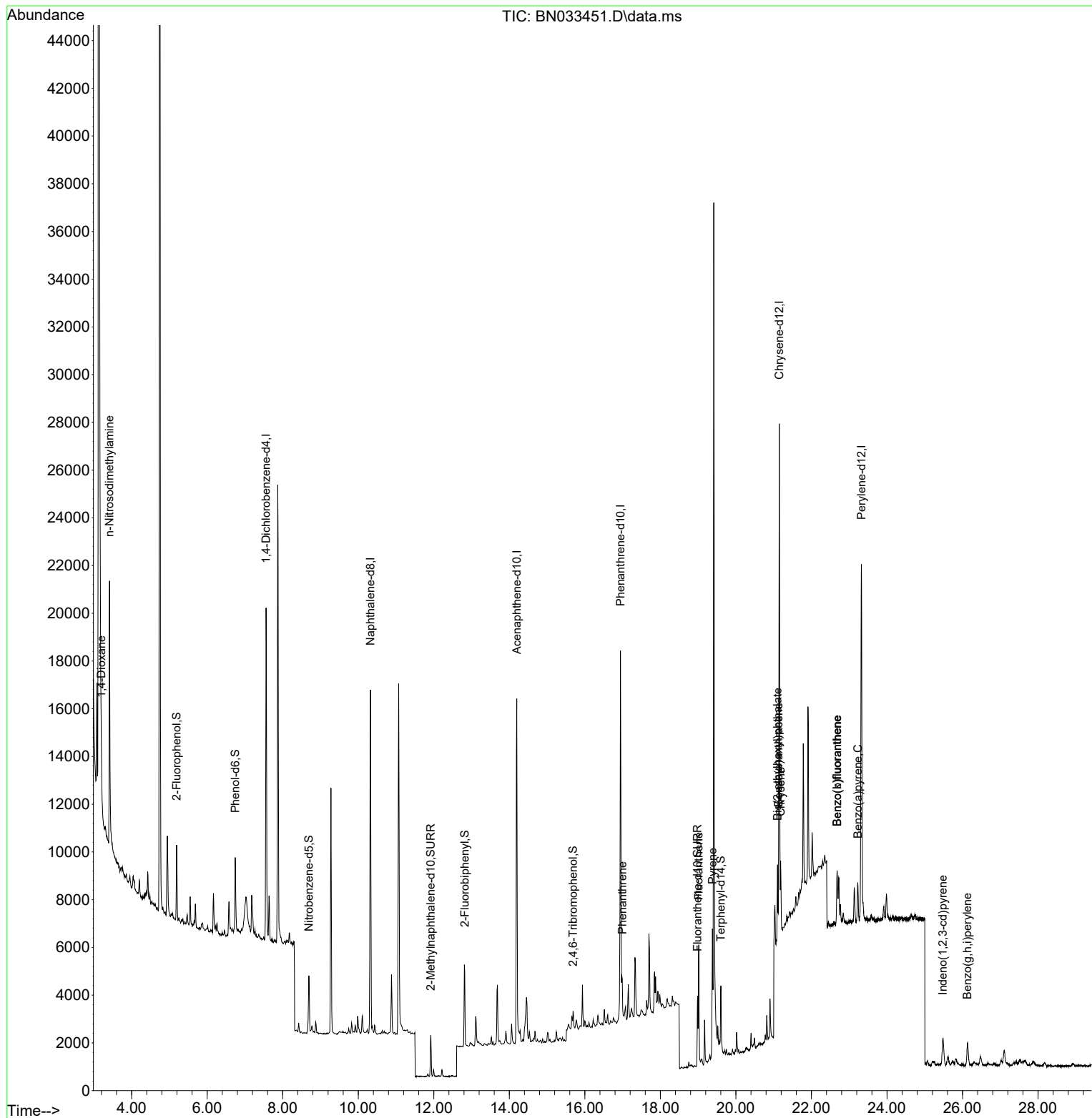
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	6548	0.400	ng	-0.01
7) Naphthalene-d8	10.325	136	18082	0.400	ng	#-0.01
13) Acenaphthene-d10	14.199	164	9079	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	20468	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	17633	0.400	ng	0.00
35) Perylene-d12	23.323	264	18961	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.190	112	2304	0.127	ng	0.00
5) Phenol-d6	6.743	99	2756	0.113	ng	0.00
8) Nitrobenzene-d5	8.691	82	1809	0.133	ng	-0.01
11) 2-Methylnaphthalene-d10	11.922	152	2322	0.083	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	390	0.084	ng	-0.01
15) 2-Fluorobiphenyl	12.820	172	3030	0.081	ng	0.00
27) Fluoranthene-d10	18.984	212	3150	0.058	ng	0.00
31) Terphenyl-d14	19.602	244	2414	0.072	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	253	0.035	ng	# 76
3) n-Nitrosodimethylamine	3.414	42	1998	0.213	ng	# 1
25) Phenanthrene	16.991	178	2017	0.034	ng	98
28) Fluoranthene	19.017	202	4432	0.061	ng	97
30) Pyrene	19.379	202	4634	0.066	ng	96
32) Benzo(a)anthracene	21.130	228	2144	0.033	ng	# 91
33) Chrysene	21.184	228	2722	0.041	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.103	149	3030	0.101	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.478	276	1682	0.021	ng	99
37) Benzo(b)fluoranthene	22.680	252	3452	0.048	ng	# 17
38) Benzo(k)fluoranthene	22.680	252	3452	0.047	ng	# 16
39) Benzo(a)pyrene	23.227	252	2232	0.037	ng	# 1
41) Benzo(g,h,i)perylene	26.130	276	1755	0.026	ng	# 57

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

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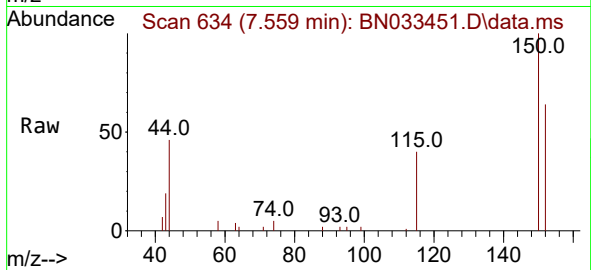
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
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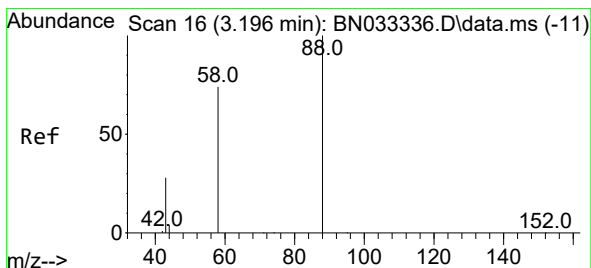
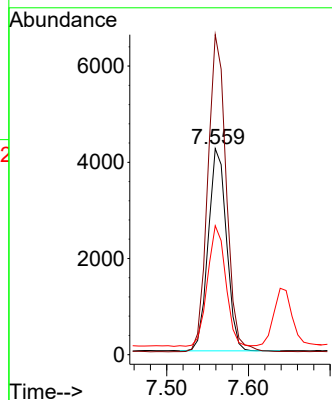
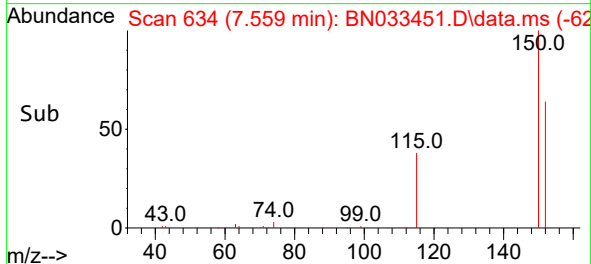


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.559 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN033451.D
 Acq: 17 Aug 2024 04:14

Instrument :
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 ClientSampleId :
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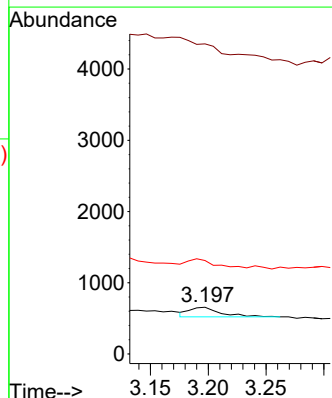
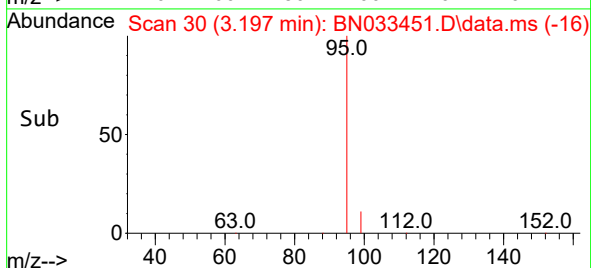
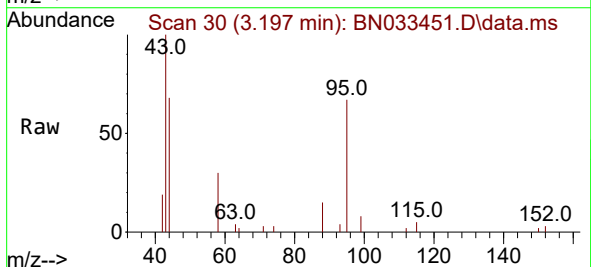


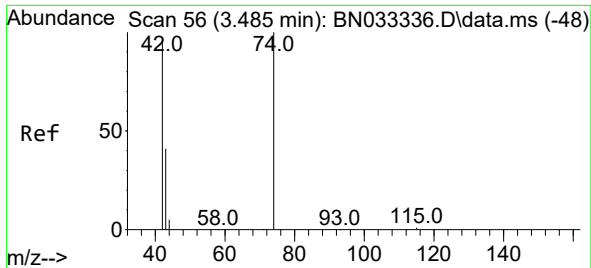
Tgt Ion: 152 Resp: 6548
 Ion Ratio Lower Upper
 152 100
 150 155.2 122.3 183.5
 115 62.6 48.8 73.2



#2
 1,4-Dioxane
 Concen: 0.035 ng
 RT: 3.197 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BN033451.D
 Acq: 17 Aug 2024 04:14

Tgt Ion: 88 Resp: 253
 Ion Ratio Lower Upper
 88 100
 43 0.0 30.6 46.0#
 58 75.5 64.5 96.7

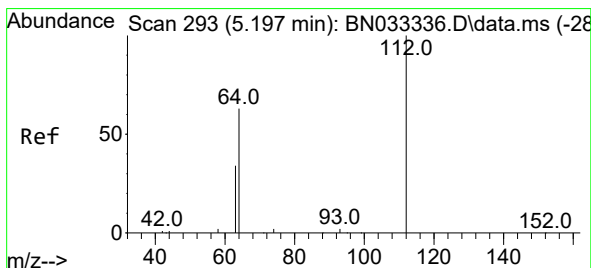
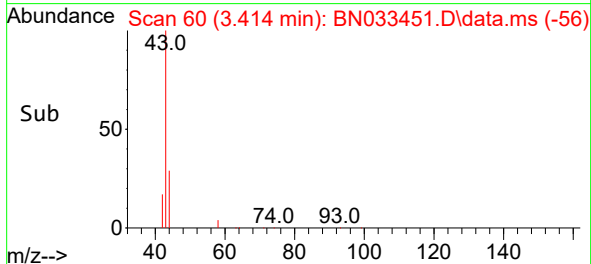
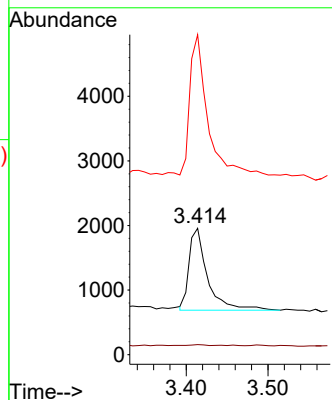
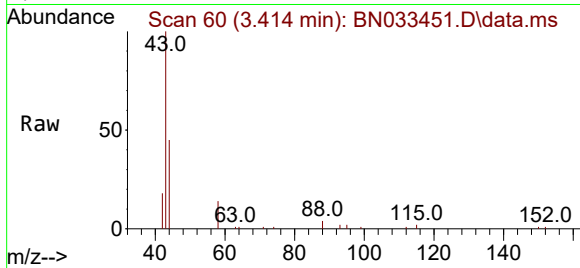




#3
 n-Nitrosodimethylamine
 Concen: 0.213 ng
 RT: 3.414 min Scan# 60
 Delta R.T. -0.072 min
 Lab File: BN033451.D
 Acq: 17 Aug 2024 04:14

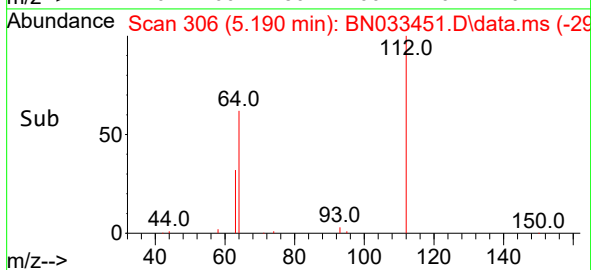
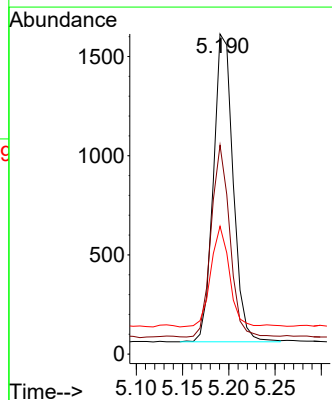
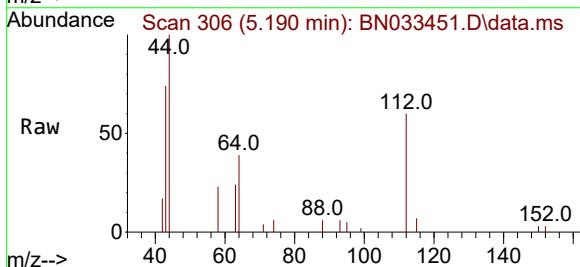
Instrument :
 BNA_N
 ClientSampleId :
 925-K1-SD-0.5-1-081224

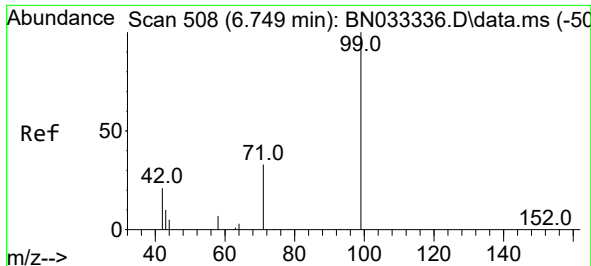
Tgt Ion: 42 Resp: 1998
 Ion Ratio Lower Upper
 42 100
 74 0.6 89.0 133.6#
 44 178.1 11.0 16.4#



#4
 2-Fluorophenol
 Concen: 0.127 ng
 RT: 5.190 min Scan# 306
 Delta R.T. -0.007 min
 Lab File: BN033451.D
 Acq: 17 Aug 2024 04:14

Tgt Ion: 112 Resp: 2304
 Ion Ratio Lower Upper
 112 100
 64 58.9 48.1 72.1
 63 30.7 25.4 38.2

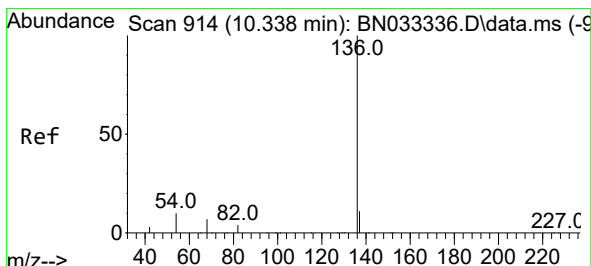
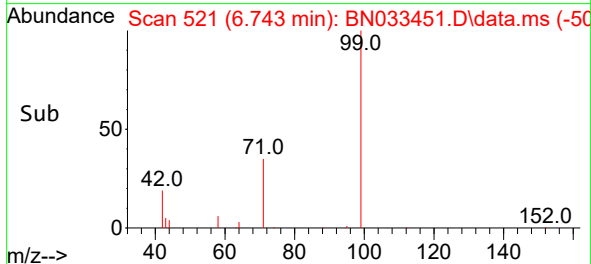
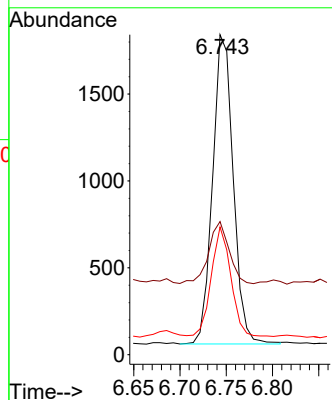
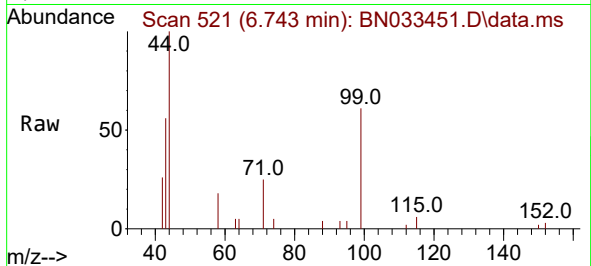




#5
Phenol-d6
Concen: 0.113 ng
RT: 6.743 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

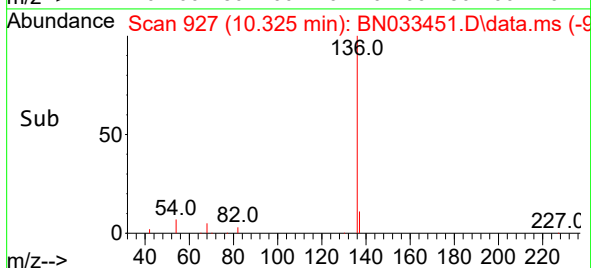
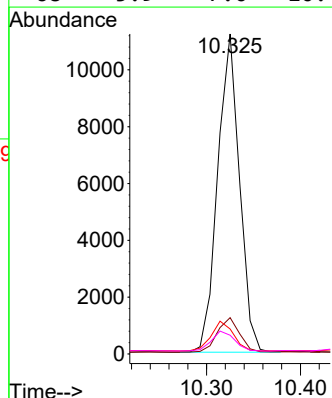
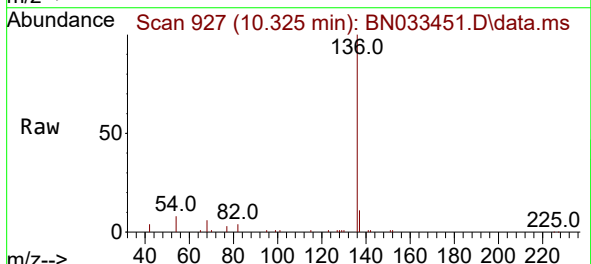
Instrument :
BNA_N
ClientSampleId :
925-K1-SD-0.5-1-081224

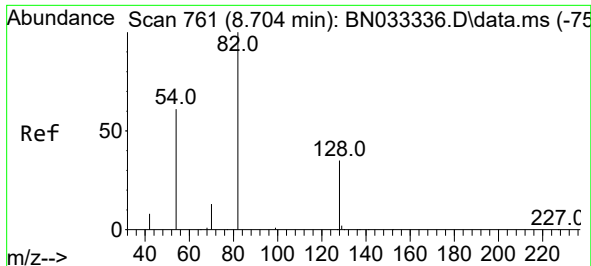
Tgt Ion: 99 Resp: 2756
Ion Ratio Lower Upper
99 100
42 19.8 18.5 27.7
71 33.8 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 927
Delta R.T. -0.011 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

Tgt Ion: 136 Resp: 18082
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.8 9.4 14.0#
68 5.9 7.0 10.4#

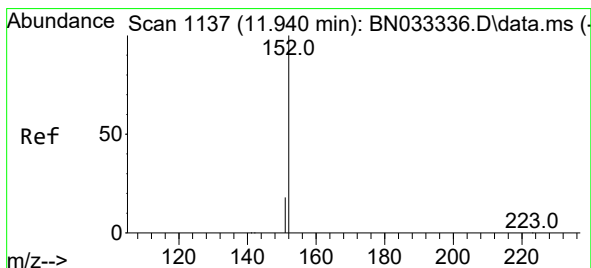
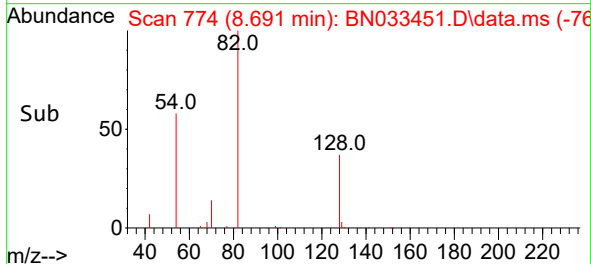
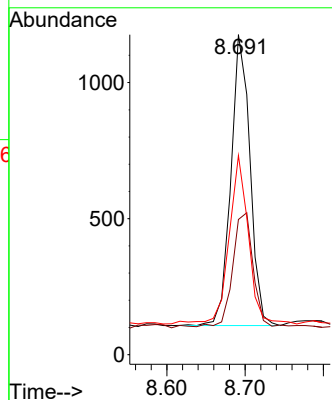
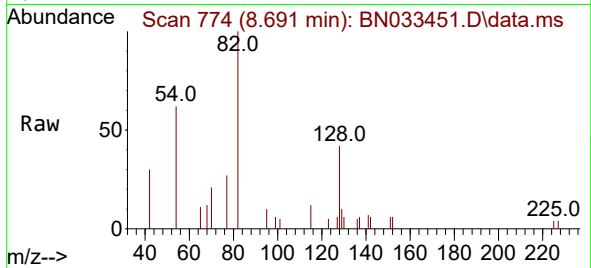




#8
 Nitrobenzene-d5
 Concen: 0.133 ng
 RT: 8.691 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN033451.D
 Acq: 17 Aug 2024 04:14

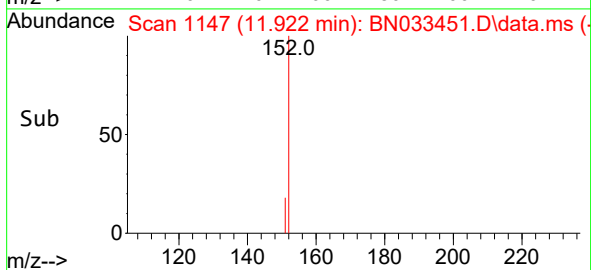
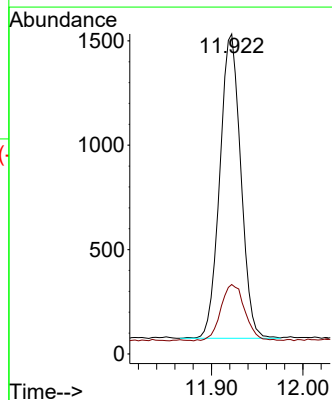
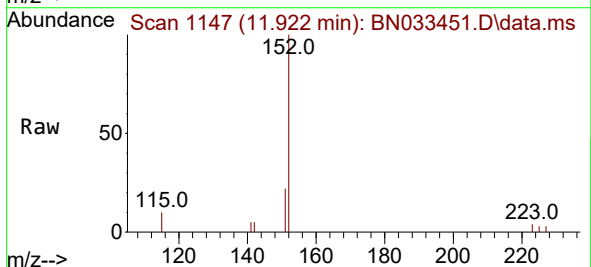
Instrument :
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 925-K1-SD-0.5-1-081224

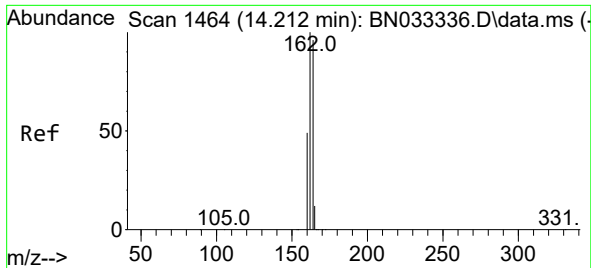
Tgt Ion: 82 Resp: 1809
 Ion Ratio Lower Upper
 82 100
 128 42.3 29.0 43.4
 54 62.2 50.2 75.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.083 ng
 RT: 11.922 min Scan# 1147
 Delta R.T. -0.008 min
 Lab File: BN033451.D
 Acq: 17 Aug 2024 04:14

Tgt Ion: 152 Resp: 2322
 Ion Ratio Lower Upper
 152 100
 151 21.4 16.7 25.1

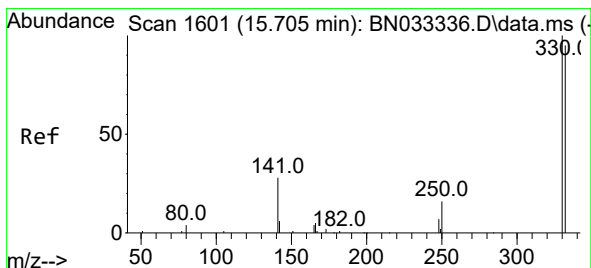
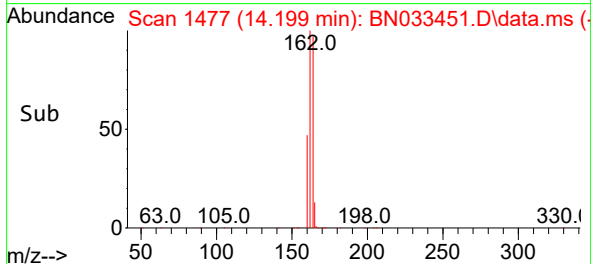
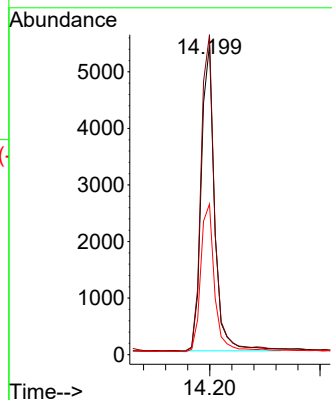
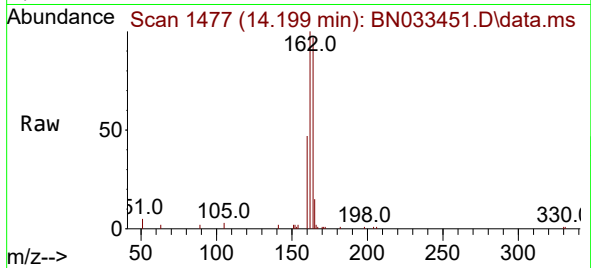




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.199 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

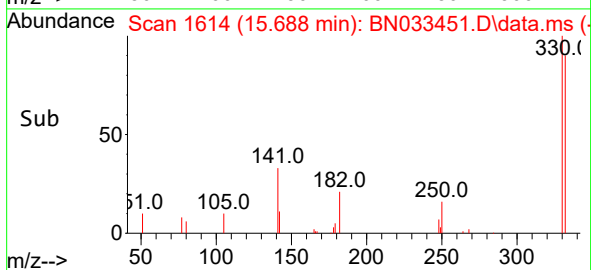
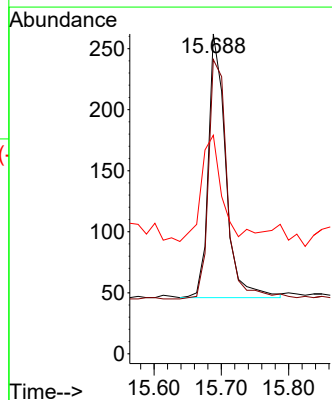
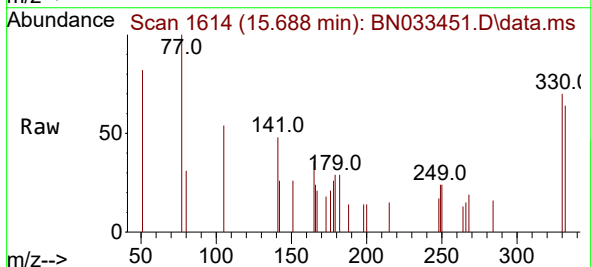
Instrument :
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ClientSampleId :
925-K1-SD-0.5-1-081224

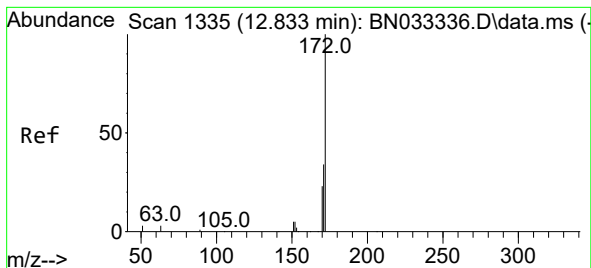
Tgt Ion:164 Resp: 9079
Ion Ratio Lower Upper
164 100
162 103.2 83.1 124.7
160 48.6 41.1 61.7



#14
2,4,6-Tribromophenol
Concen: 0.084 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.012 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

Tgt Ion:330 Resp: 390
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 49.0 33.4 50.0





#15

2-Fluorobiphenyl

Concen: 0.081 ng

RT: 12.820 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN033451.D

Acq: 17 Aug 2024 04:14

Instrument :

BNA_N

ClientSampleId :

925-K1-SD-0.5-1-081224

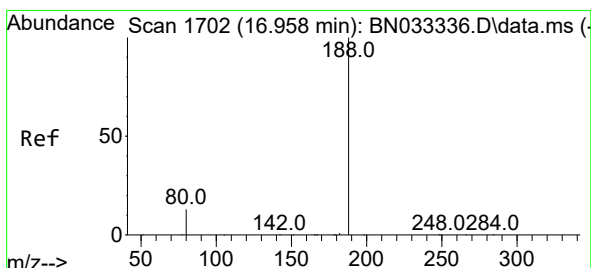
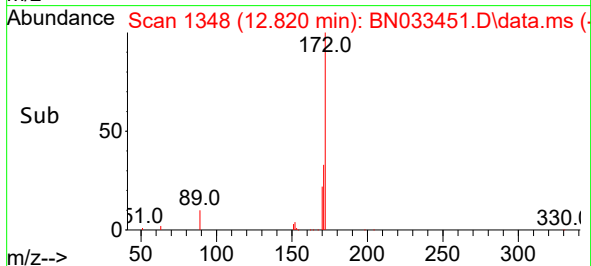
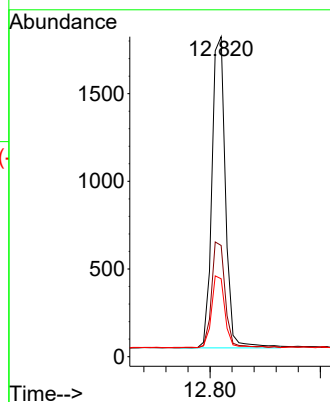
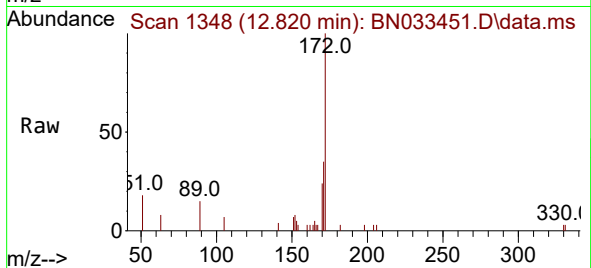
Tgt Ion:172 Resp: 3030

Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.8

170 24.3 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.012 min

Lab File: BN033451.D

Acq: 17 Aug 2024 04:14

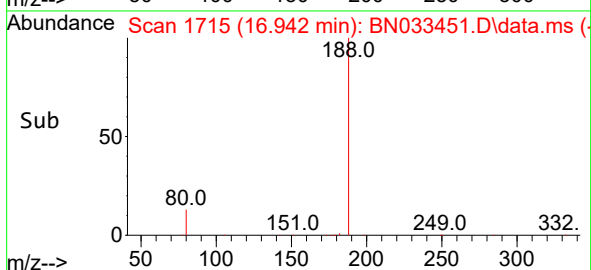
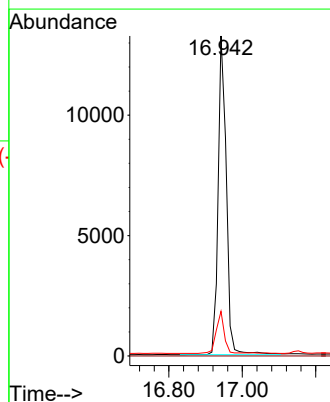
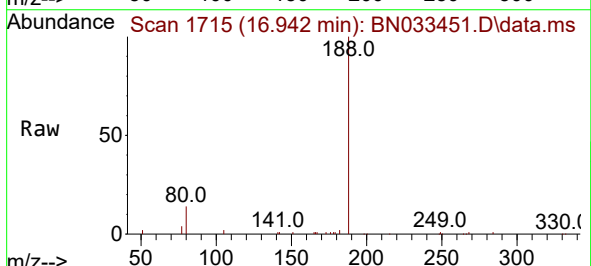
Tgt Ion:188 Resp: 20468

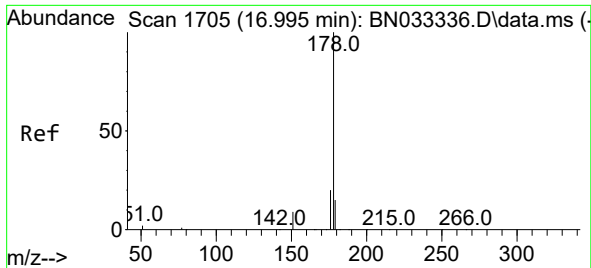
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.9 10.7 16.1

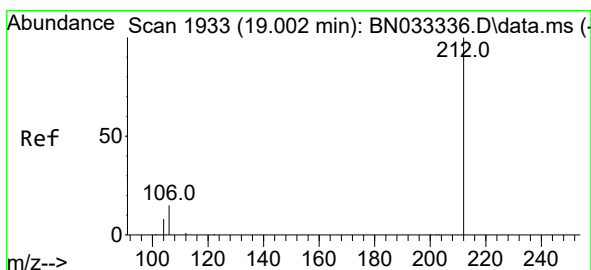
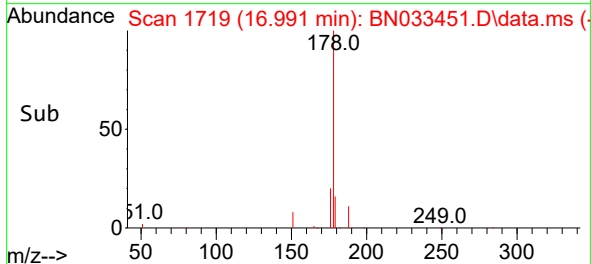
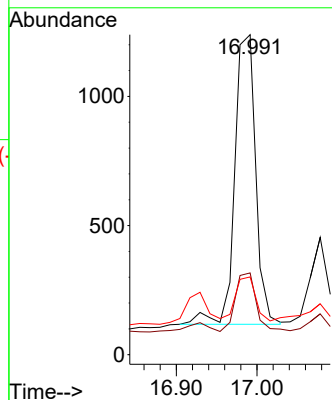
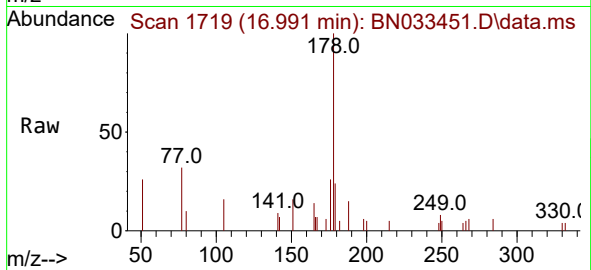




#25
Phenanthrene
Concen: 0.034 ng
RT: 16.991 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

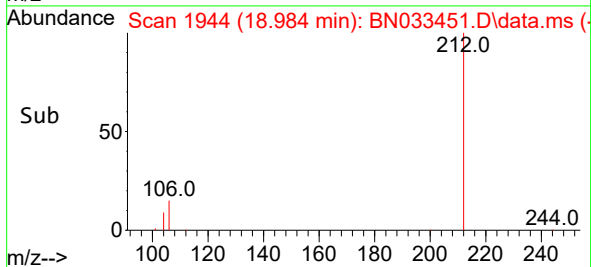
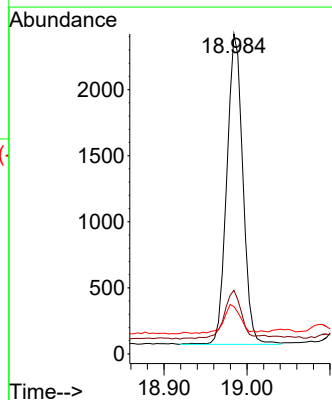
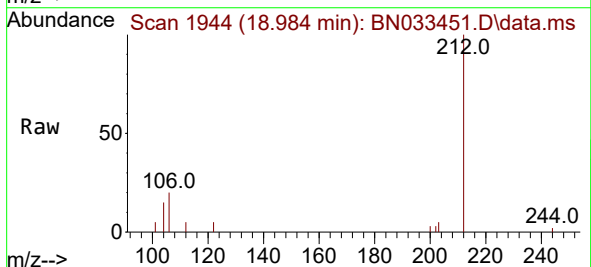
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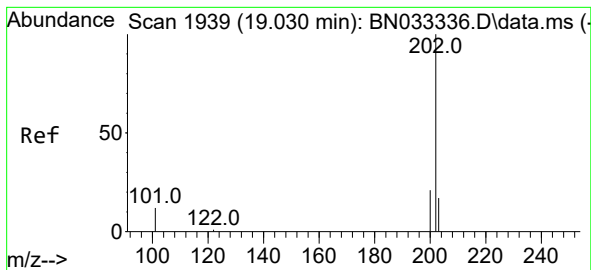
Tgt Ion:178 Resp: 2017
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.0
179 14.3 12.2 18.2



#27
Fluoranthene-d10
Concen: 0.058 ng
RT: 18.984 min Scan# 1944
Delta R.T. -0.009 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

Tgt Ion:212 Resp: 3150
Ion Ratio Lower Upper
212 100
106 17.1 12.8 19.2
104 9.5 7.1 10.7





#28

Fluoranthene

Concen: 0.061 ng

RT: 19.017 min Scan# 1951

Delta R.T. -0.005 min

Lab File: BN033451.D

Acq: 17 Aug 2024 04:14

Instrument :

BNA_N

ClientSampleId :

925-K1-SD-0.5-1-081224

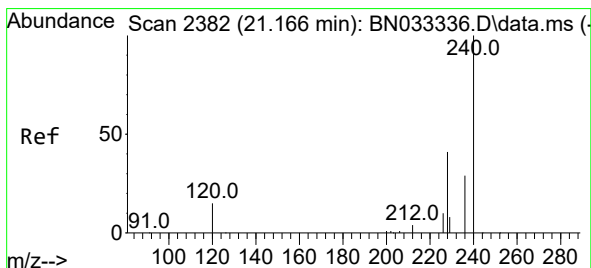
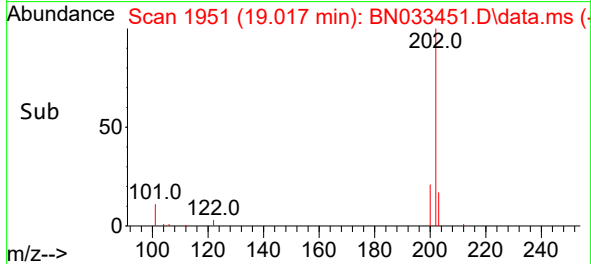
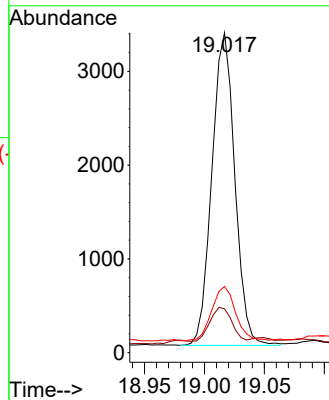
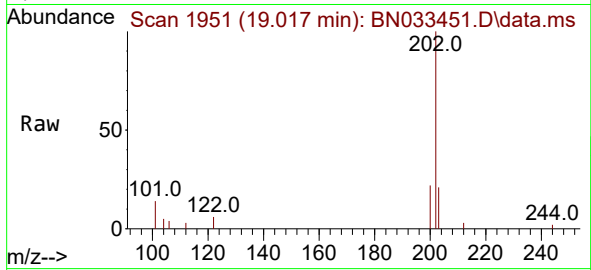
Tgt Ion:202 Resp: 4432

Ion Ratio Lower Upper

202 100

101 10.6 9.8 14.6

203 18.0 13.8 20.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.148 min Scan# 2395

Delta R.T. -0.009 min

Lab File: BN033451.D

Acq: 17 Aug 2024 04:14

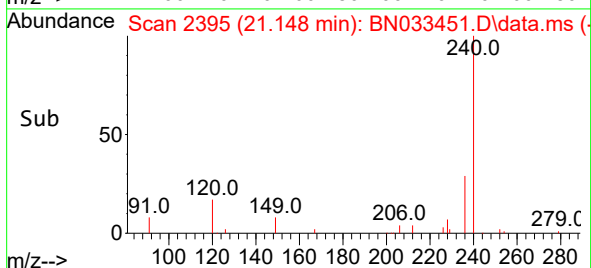
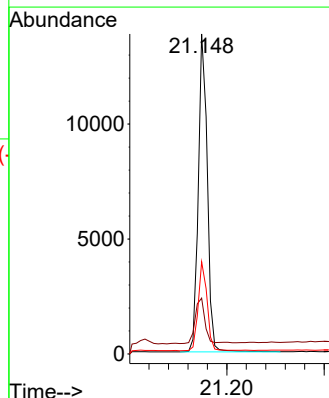
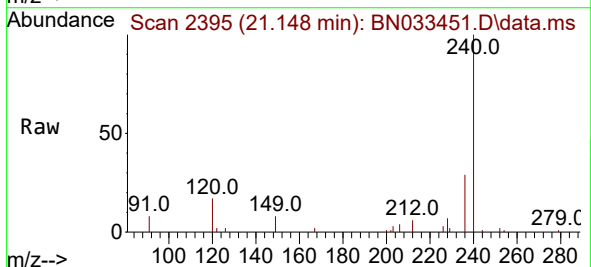
Tgt Ion:240 Resp: 17633

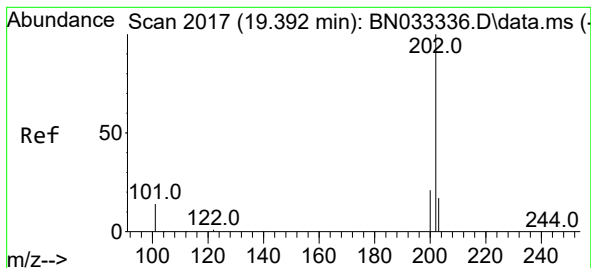
Ion Ratio Lower Upper

240 100

120 17.4 13.0 19.6

236 28.8 23.2 34.8





#30

Pyrene

Concen: 0.066 ng

RT: 19.379 min Scan# 20

Delta R.T. -0.005 min

Lab File: BN033451.D

Acq: 17 Aug 2024 04:14

Instrument :

BNA_N

ClientSampleId :

925-K1-SD-0.5-1-081224

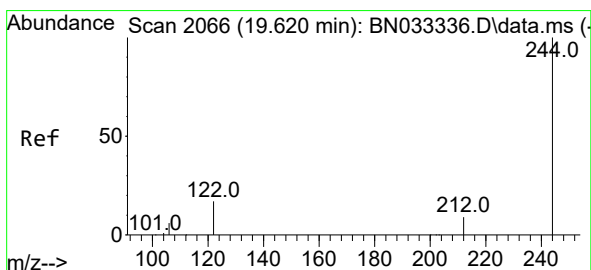
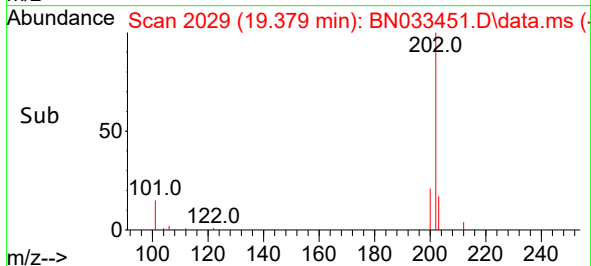
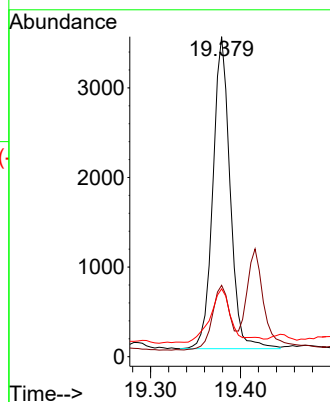
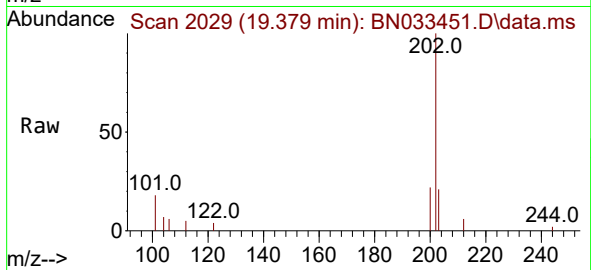
Tgt Ion:202 Resp: 4634

Ion Ratio Lower Upper

202 100

200 21.8 16.7 25.1

203 20.2 14.2 21.4



#31

Terphenyl-d14

Concen: 0.072 ng

RT: 19.602 min Scan# 2077

Delta R.T. -0.005 min

Lab File: BN033451.D

Acq: 17 Aug 2024 04:14

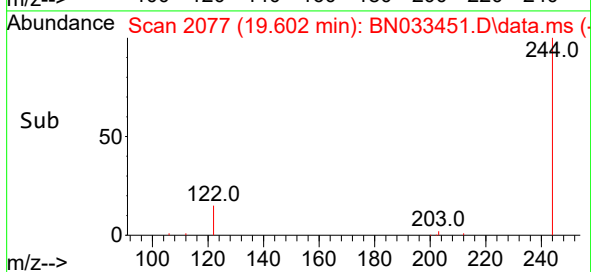
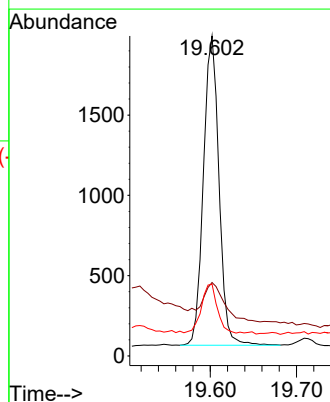
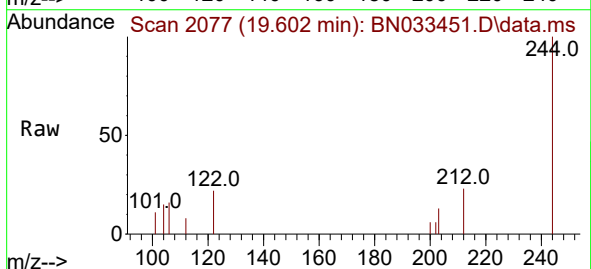
Tgt Ion:244 Resp: 2414

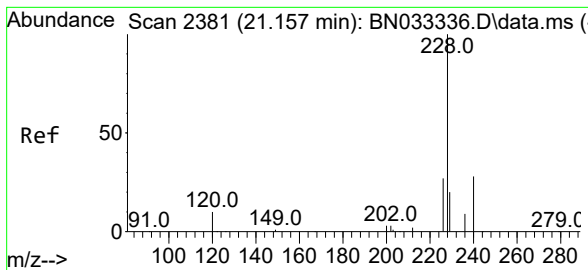
Ion Ratio Lower Upper

244 100

212 22.9 7.7 11.5#

122 22.4 14.0 21.0#

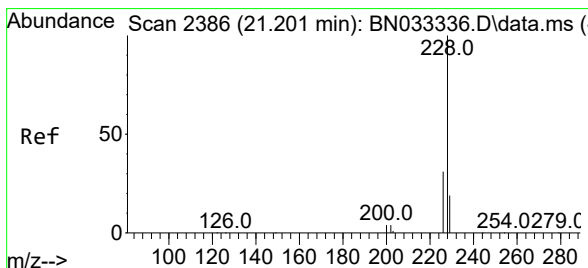
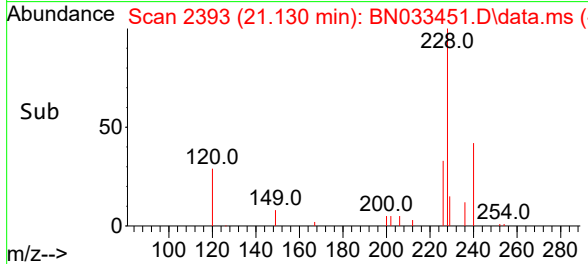
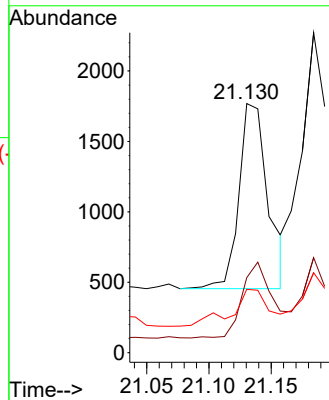
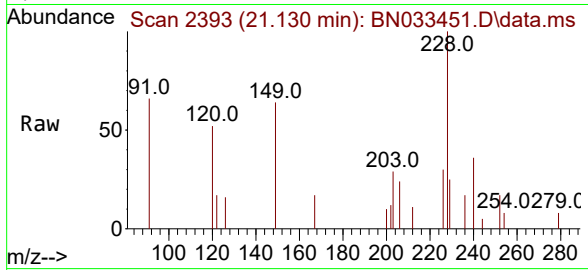




#32
Benzo(a)anthracene
Concen: 0.033 ng
RT: 21.130 min Scan# 2114
Delta R.T. -0.009 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

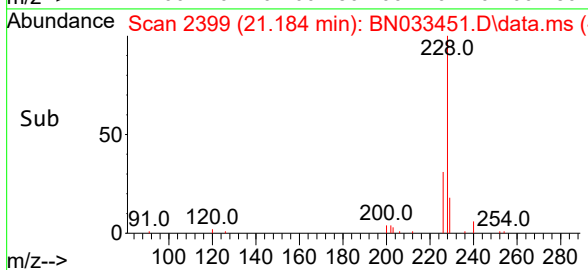
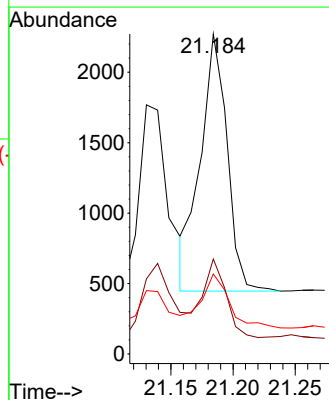
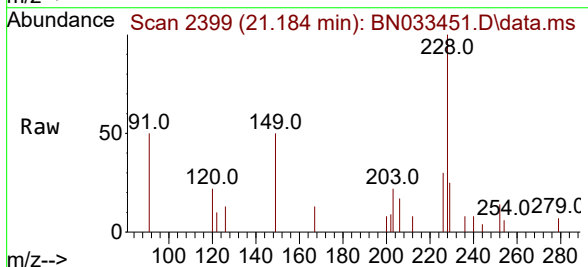
Instrument :
BNA_N
ClientSampleId :
925-K1-SD-0.5-1-081224

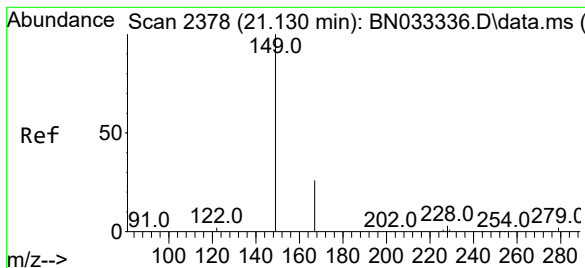
Tgt Ion:228 Resp: 2144
Ion Ratio Lower Upper
228 100
226 30.1 21.6 32.4
229 25.4 15.9 23.9#



#33
Chrysene
Concen: 0.041 ng
RT: 21.184 min Scan# 2399
Delta R.T. -0.009 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

Tgt Ion:228 Resp: 2722
Ion Ratio Lower Upper
228 100
226 29.7 24.7 37.1
229 25.0 15.4 23.2#

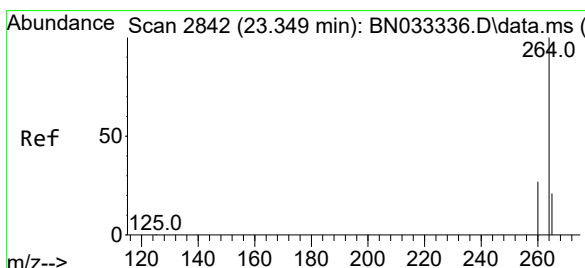
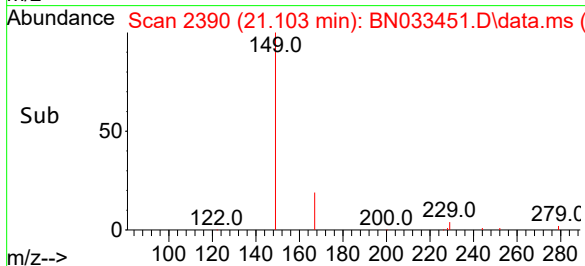
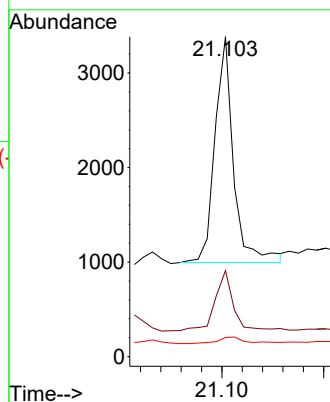
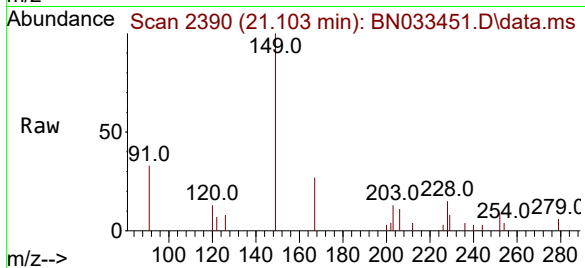




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.101 ng
RT: 21.103 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

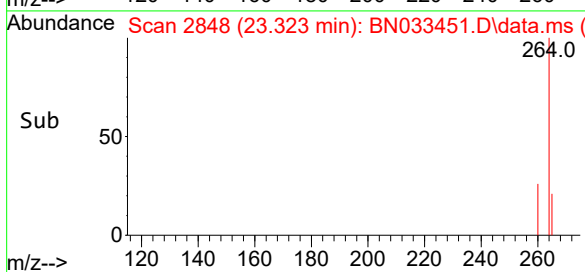
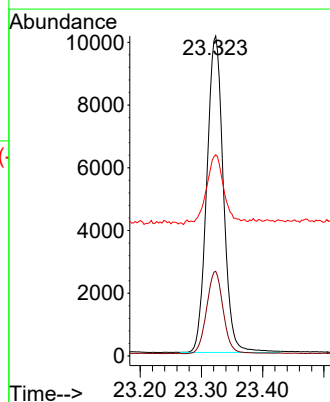
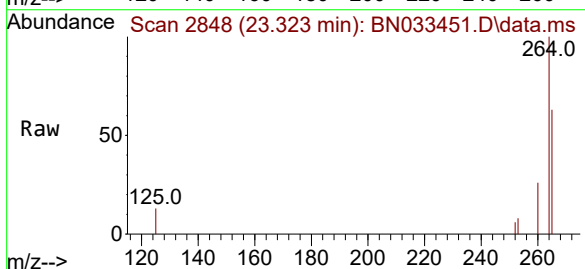
Instrument :
BNA_N
ClientSampleId :
925-K1-SD-0.5-1-081224

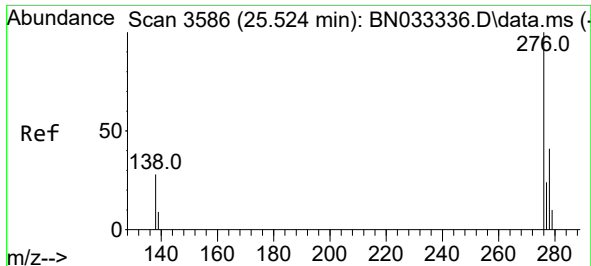
Tgt Ion:149 Resp: 3030
Ion Ratio Lower Upper
149 100
167 26.0 20.9 31.3
279 4.5 2.2 3.4#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.323 min Scan# 2848
Delta R.T. -0.009 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

Tgt Ion:264 Resp: 18961
Ion Ratio Lower Upper
264 100
260 26.5 21.6 32.4
265 62.9 29.3 43.9#

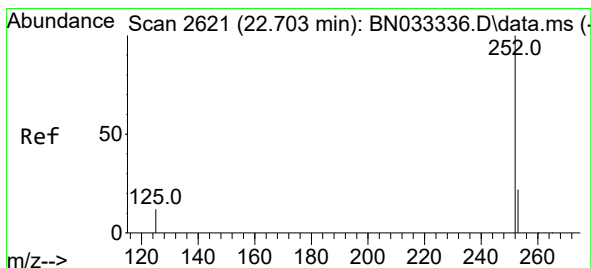
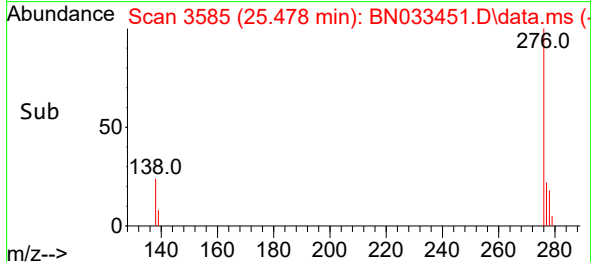
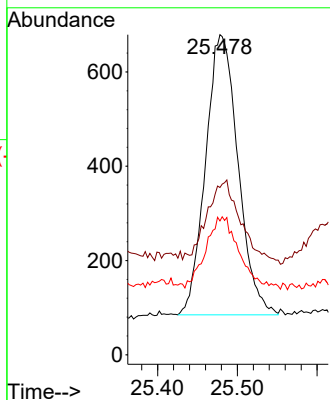
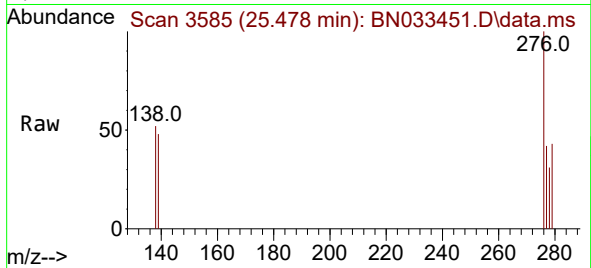




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng
RT: 25.478 min Scan# 31
Delta R.T. -0.020 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

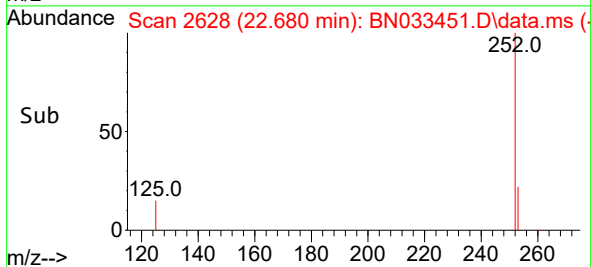
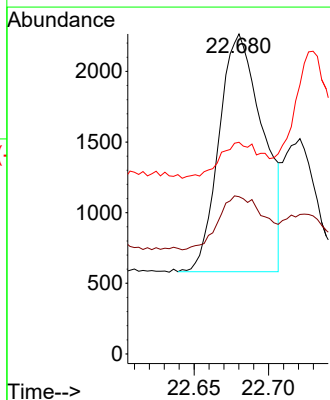
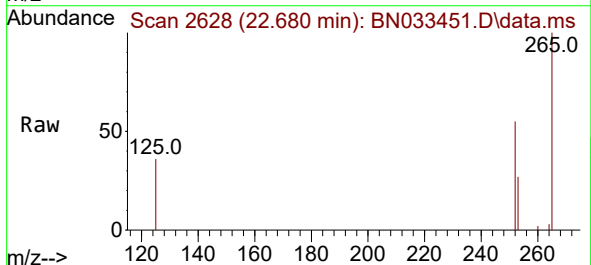
Instrument :
BNA_N
ClientSampleId :
925-K1-SD-0.5-1-081224

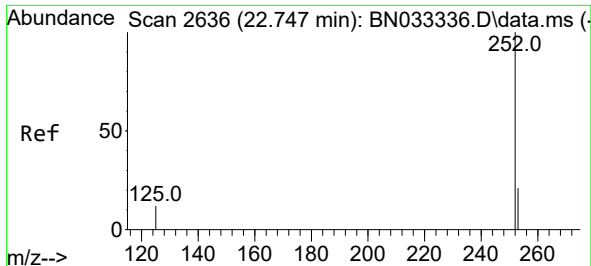
Tgt Ion:276 Resp: 1682
Ion Ratio Lower Upper
276 100
138 31.5 24.9 37.3
277 25.2 19.8 29.6



#37
Benzo(b)fluoranthene
Concen: 0.048 ng
RT: 22.680 min Scan# 2628
Delta R.T. -0.006 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

Tgt Ion:252 Resp: 3452
Ion Ratio Lower Upper
252 100
253 49.1 18.2 27.2#
125 66.1 11.3 16.9#





#38

Benzo(k)fluoranthene

Concen: 0.047 ng

RT: 22.680 min Scan# 2

Delta R.T. -0.050 min

Lab File: BN033451.D

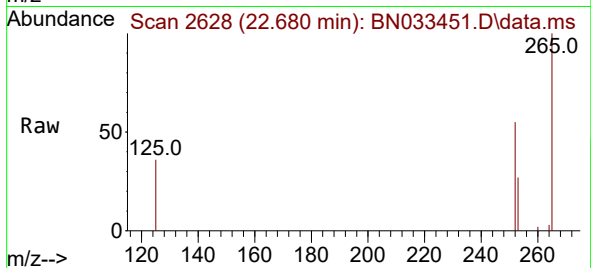
Acq: 17 Aug 2024 04:14

Instrument :

BNA_N

ClientSampleId :

925-K1-SD-0.5-1-081224



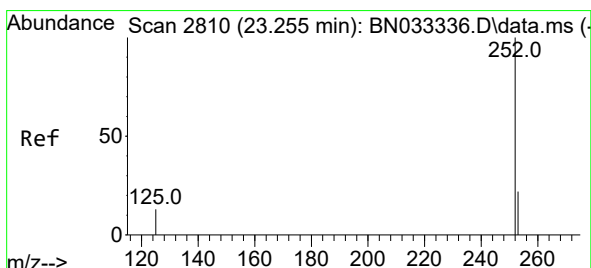
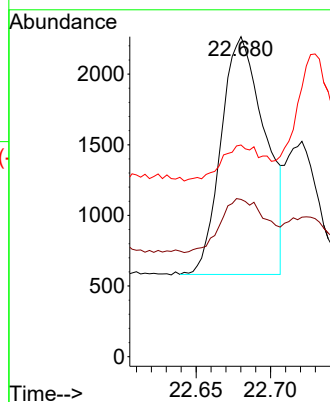
Tgt Ion:252 Resp: 3452

Ion Ratio Lower Upper

252 100

253 49.1 17.9 26.9#

125 66.1 11.3 16.9#



#39

Benzo(a)pyrene

Concen: 0.037 ng

RT: 23.227 min Scan# 2815

Delta R.T. -0.012 min

Lab File: BN033451.D

Acq: 17 Aug 2024 04:14

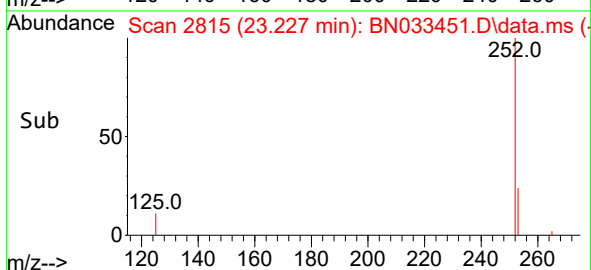
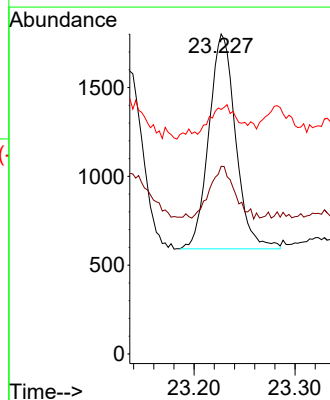
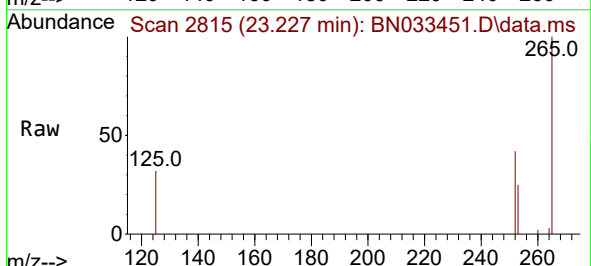
Tgt Ion:252 Resp: 2232

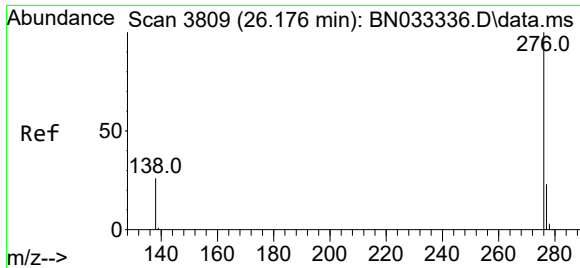
Ion Ratio Lower Upper

252 100

253 58.7 18.6 28.0#

125 76.4 12.6 19.0#





#41

Benzo(g,h,i)perylene

Concen: 0.026 ng

RT: 26.130 min Scan# 3808

Delta R.T. -0.020 min

Lab File: BN033451.D

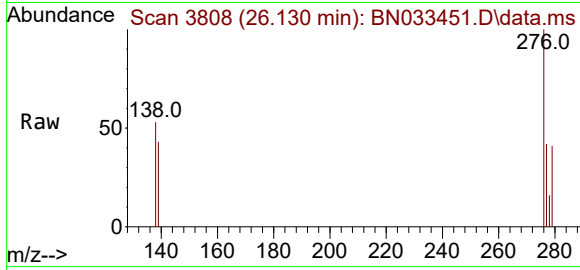
Acq: 17 Aug 2024 04:14

Instrument :

BNA_N

ClientSampleId :

925-K1-SD-0.5-1-081224



Tgt Ion:276 Resp: 1755

Ion Ratio Lower Upper

276 100

277 41.6 19.4 29.2#

138 52.8 21.6 32.4#

