

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
 Data File : BN033263.D
 Acq On : 06 Aug 2024 08:45
 Operator : MA/JU
 Sample : P3457-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 932-K1-WS-080224

Quant Time: Aug 06 09:10:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 23:57:48 2024
 Response via : Initial Calibration

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

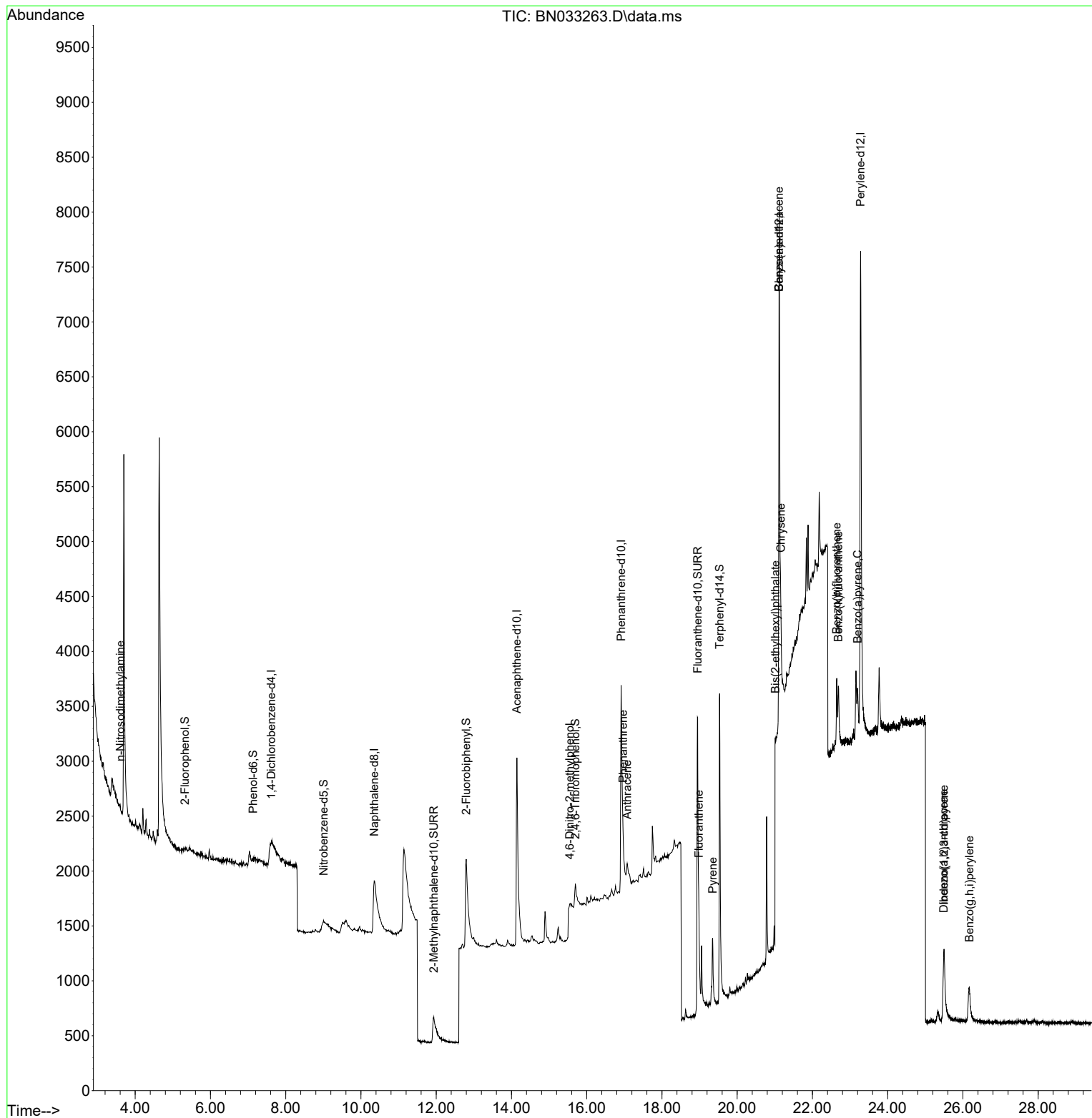
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	232	0.400	ng	# 0.10
7) Naphthalene-d8	10.351	136	2968	0.400	ng	# 0.03
13) Acenaphthene-d10	14.144	164	2060	0.400	ng	0.02
19) Phenanthrene-d10	16.915	188	5104	0.400	ng	0.00
29) Chrysene-d12	21.113	240	6330	0.400	ng	#-0.01
35) Perylene-d12	23.280	264	7554	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.322	112	37	0.064	ng	0.03
5) Phenol-d6	7.134	99	19	0.024	ng	0.14
8) Nitrobenzene-d5	9.006	82	185	0.078	ng	0.09
11) 2-Methylnaphthalene-d10	11.935	152	1142	0.259	ng	0.00
14) 2,4,6-Tribromophenol	15.698	330	249	0.324	ng	-0.02
15) 2-Fluorobiphenyl	12.797	172	2471	0.351	ng	0.00
27) Fluoranthene-d10	18.948	212	4445	0.311	ng	0.00
31) Terphenyl-d14	19.533	244	4380	0.401	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.155	88	6	Below Cal	#	1
3) n-Nitrosodimethylamine	3.603	42	10	0.035	ng	# 69
20) 4,6-Dinitro-2-methylph...	15.549	198	1	0.249	ng	85
25) Phenanthrene	16.964	178	440	0.032	ng	# 90
26) Anthracene	17.076	178	314	0.027	ng	# 86
28) Fluoranthene	18.980	202	863	0.046	ng	97
30) Pyrene	19.347	202	783	0.035	ng	95
32) Benzo(a)anthracene	21.113	228	663	0.036	ng	# 72
33) Chrysene	21.158	228	957	0.039	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.015	149	1035	0.236	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.496	276	1015	0.030	ng	95
37) Benzo(b)fluoranthene	22.646	252	893	0.039	ng	# 10
38) Benzo(k)fluoranthene	22.690	252	898	0.031	ng	# 2
39) Benzo(a)pyrene	23.198	252	650	0.028	ng	# 1
40) Dibenzo(a,h)anthracene	25.488	278	776	0.029	ng	# 1
41) Benzo(g,h,i)perylene	26.169	276	866	0.028	ng	# 54

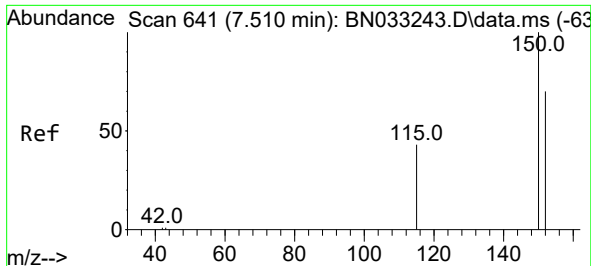
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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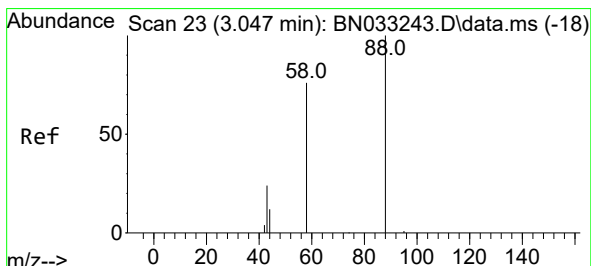
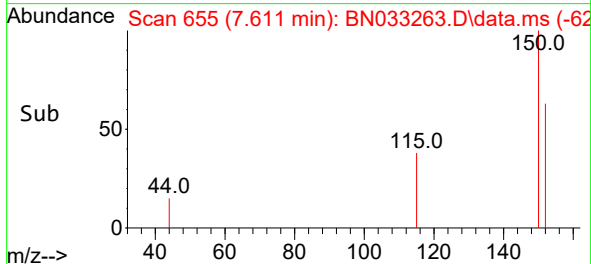
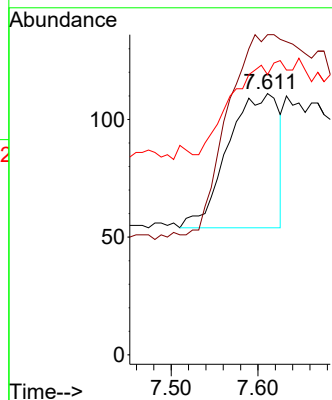
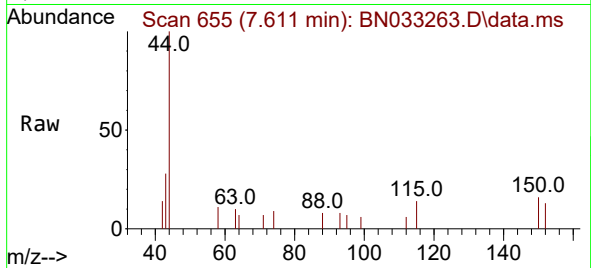




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 61
Delta R.T. 0.101 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

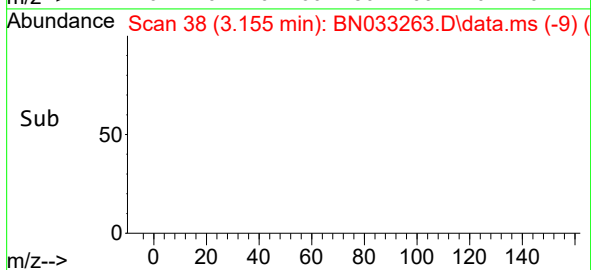
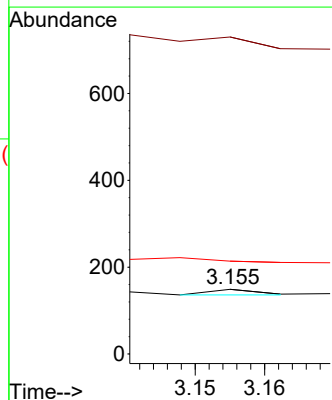
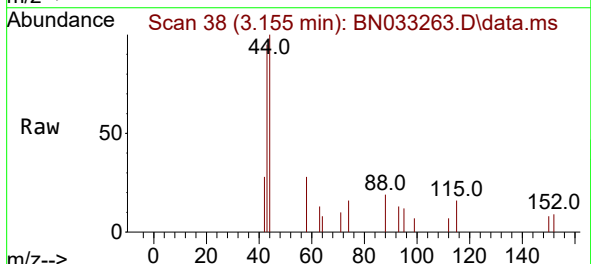
Instrument :
BNA_N
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932-K1-WS-080224

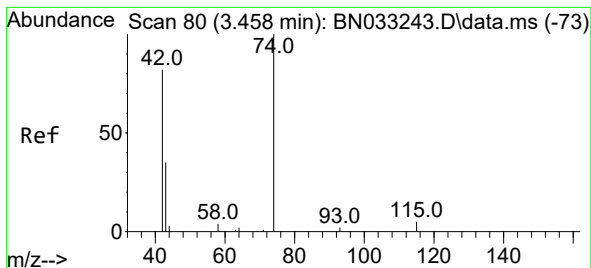
Tgt Ion:152 Resp: 232
Ion Ratio Lower Upper
152 100
150 122.5 108.2 162.2
115 107.2 70.5 105.7#



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.155 min Scan# 38
Delta R.T. 0.108 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

Tgt Ion: 88 Resp: 6
Ion Ratio Lower Upper
88 100
43 950.0 18.6 28.0#
58 0.0 54.5 81.7#

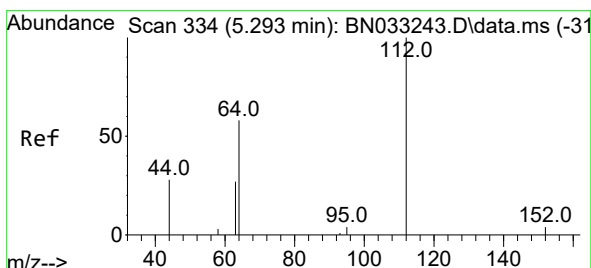
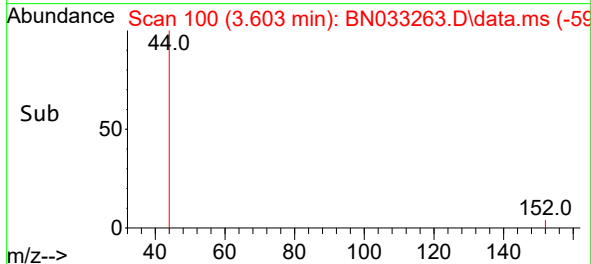
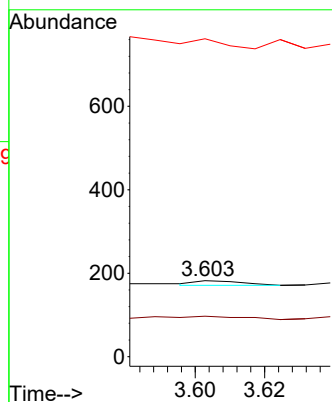
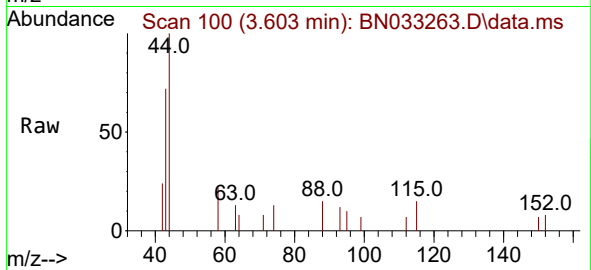




#3
n-Nitrosodimethylamine
Concen: 0.035 ng
RT: 3.603 min Scan# 10
Delta R.T. 0.145 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

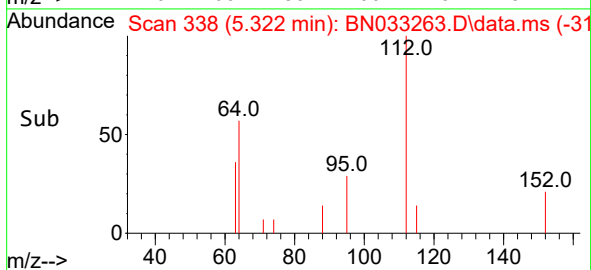
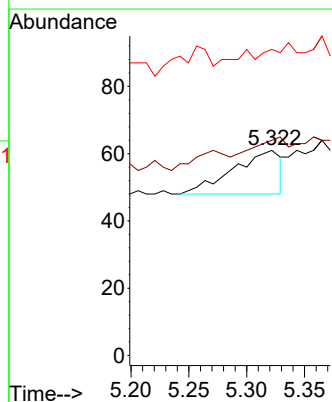
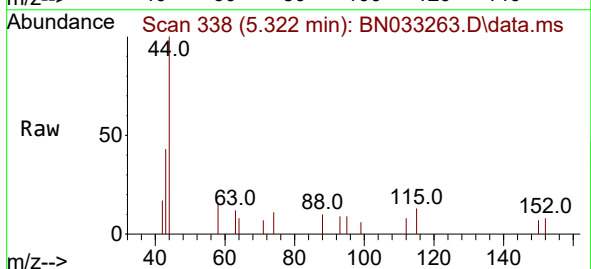
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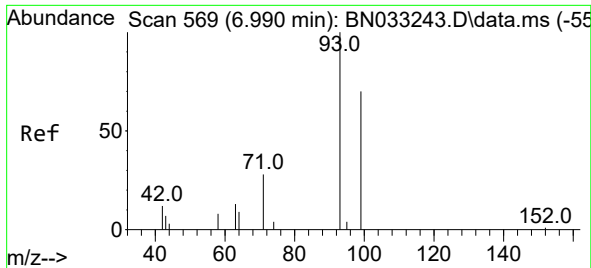
Tgt Ion: 42 Resp: 10
Ion Ratio Lower Upper
42 100
74 130.0 0.0 0.0#
44 0.0 9.6 14.4#



#4
2-Fluorophenol
Concen: 0.064 ng
RT: 5.322 min Scan# 338
Delta R.T. 0.029 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

Tgt Ion: 112 Resp: 37
Ion Ratio Lower Upper
112 100
64 43.2 18.0 27.0#
63 18.9 0.0 0.0#

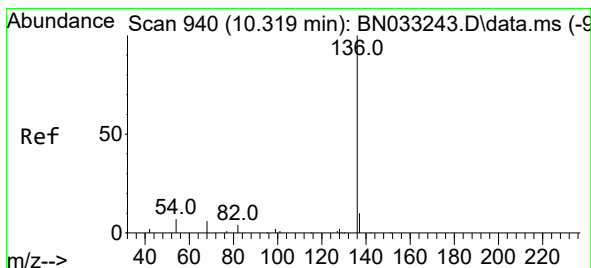
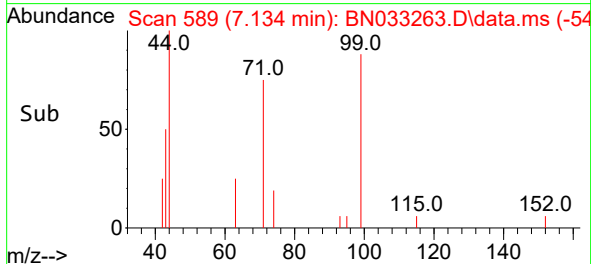
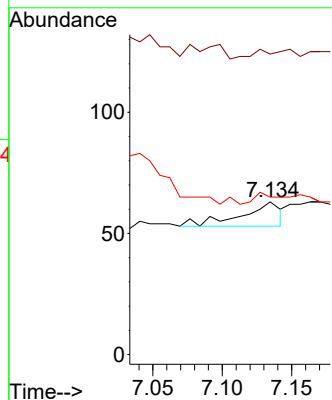
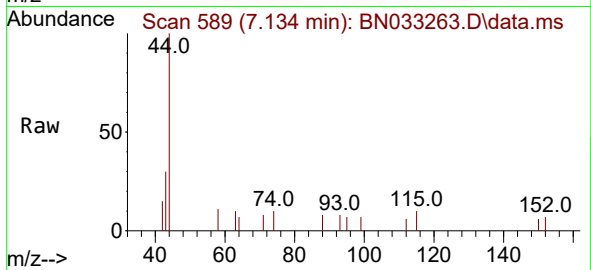




#5
Phenol-d6
Concen: 0.024 ng
RT: 7.134 min Scan# 51
Delta R.T. 0.144 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

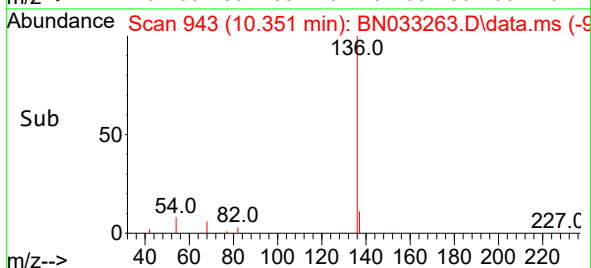
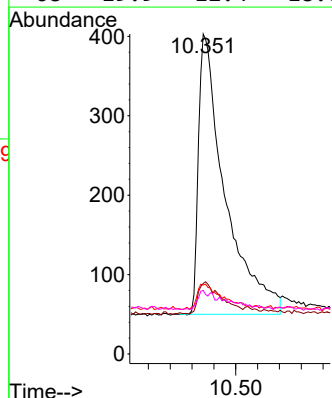
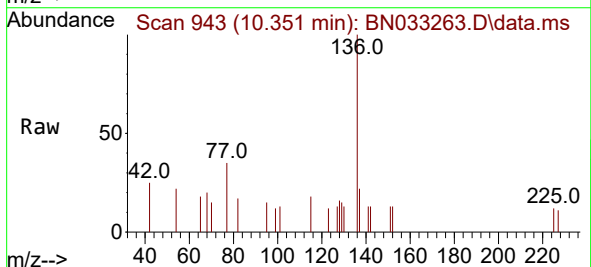
Instrument :
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ClientSampleId :
932-K1-WS-080224

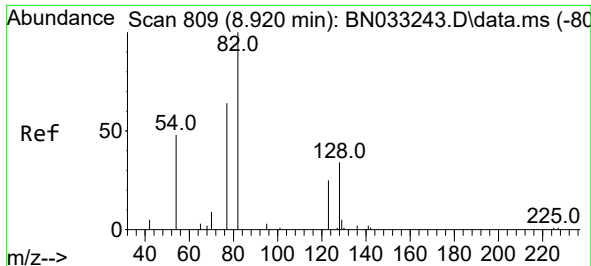
Tgt Ion: 99 Resp: 19
Ion Ratio Lower Upper
99 100
42 21.1 0.0 0.0#
71 0.0 0.0 0.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. 0.032 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

Tgt Ion: 136 Resp: 2968
Ion Ratio Lower Upper
136 100
137 22.1 14.1 21.1#
54 21.6 13.8 20.8#
68 19.9 12.4 18.6#

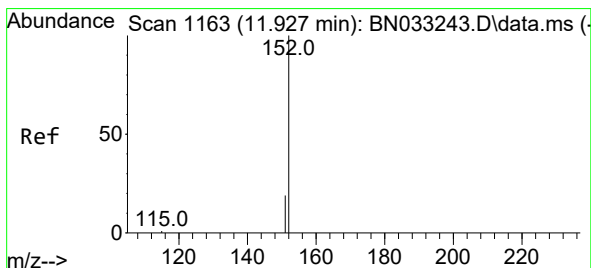
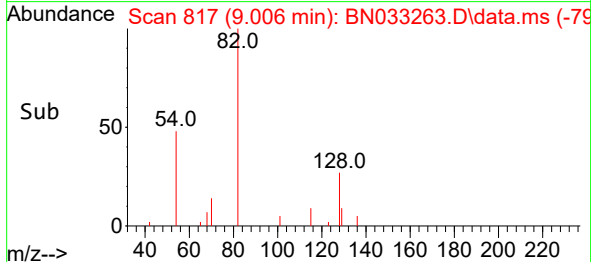
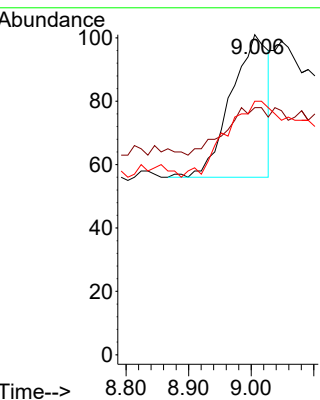
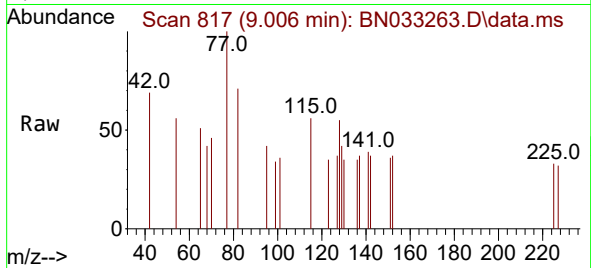




#8
Nitrobenzene-d5
Concen: 0.078 ng
RT: 9.006 min Scan# 81
Delta R.T. 0.086 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

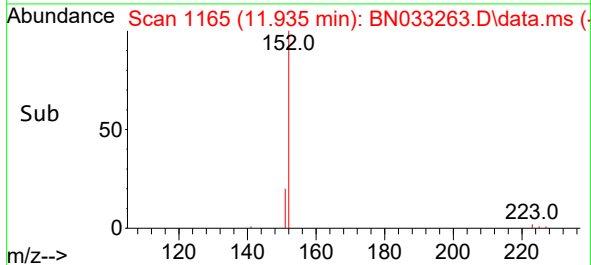
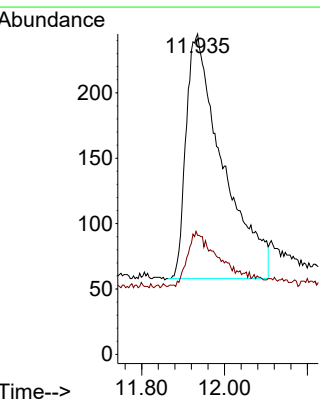
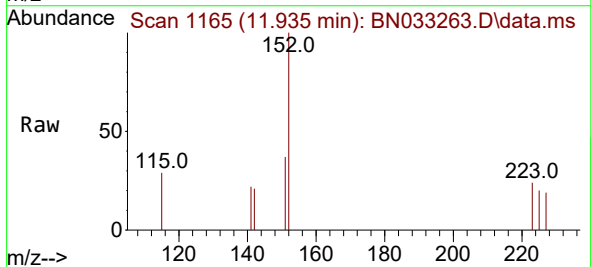
Instrument :
BNA_N
ClientSampleId :
932-K1-WS-080224

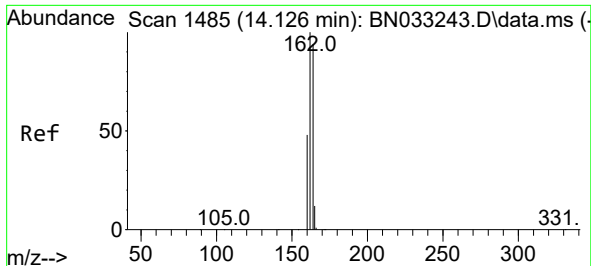
Tgt Ion: 82	Resp: 185
Ion Ratio	Lower Upper
82 100	
128 77.2	54.8 82.2
54 79.2	55.9 83.9



#11
2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 11.935 min Scan# 1165
Delta R.T. 0.008 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

Tgt Ion:152	Resp: 1142		
Ion Ratio	Lower	Upper	
152 100			
151 18.9	11.9	17.9#	

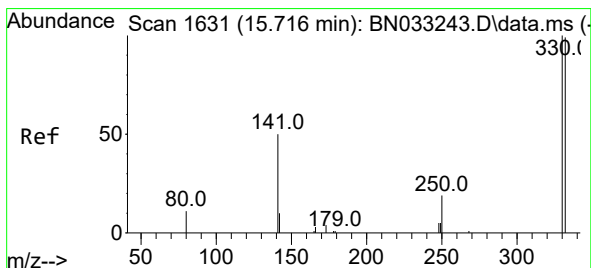
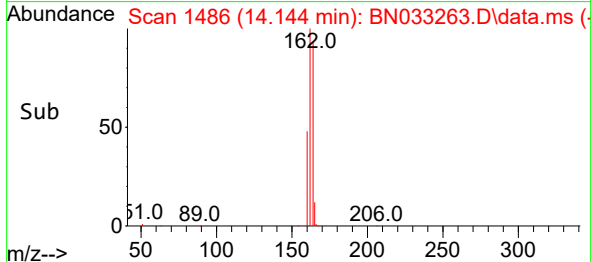
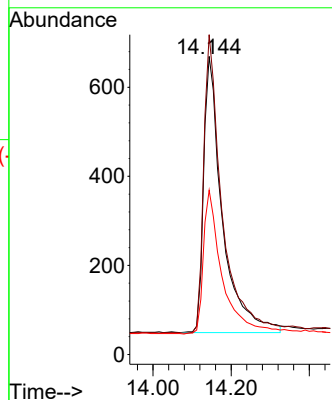
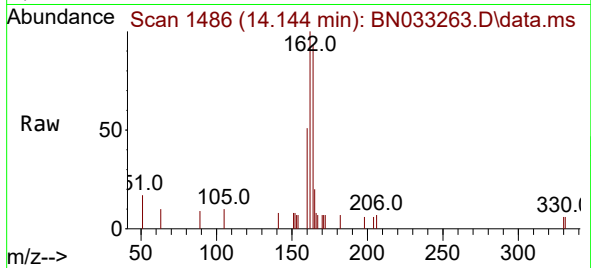




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.144 min Scan# 1485
Delta R.T. 0.018 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

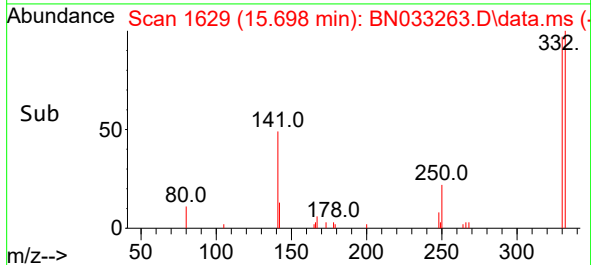
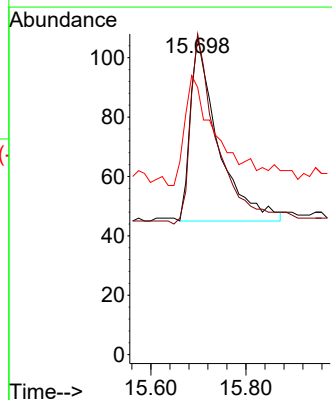
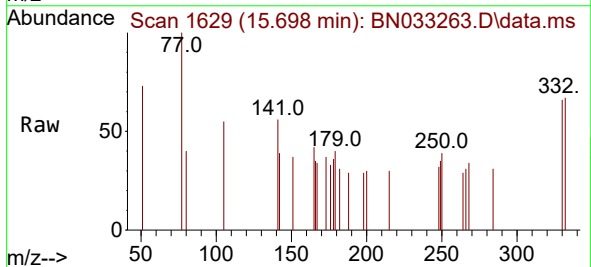
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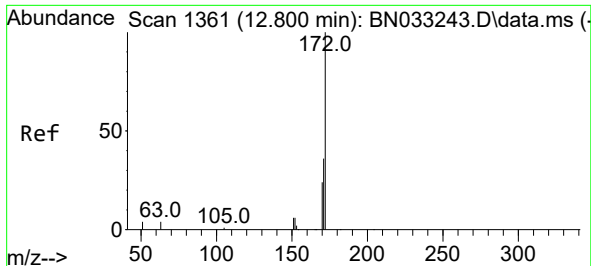
Tgt Ion:164 Resp: 2060
Ion Ratio Lower Upper
164 100
162 107.3 84.6 127.0
160 55.2 42.4 63.6



#14
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 15.698 min Scan# 1629
Delta R.T. -0.018 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

Tgt Ion:330 Resp: 249
Ion Ratio Lower Upper
330 100
332 90.8 73.7 110.5
141 47.0 44.8 67.2

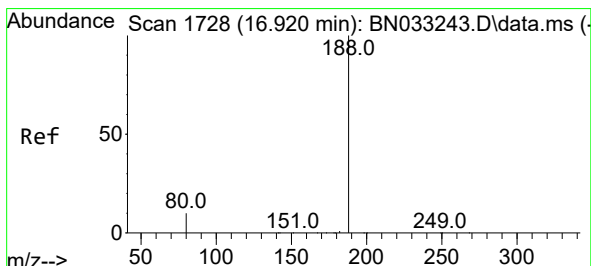
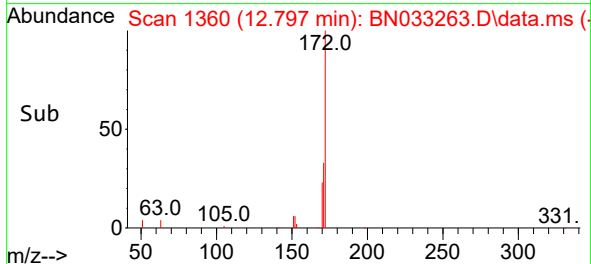
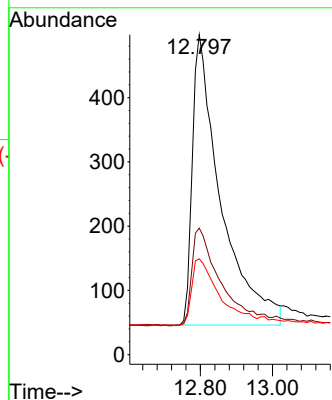
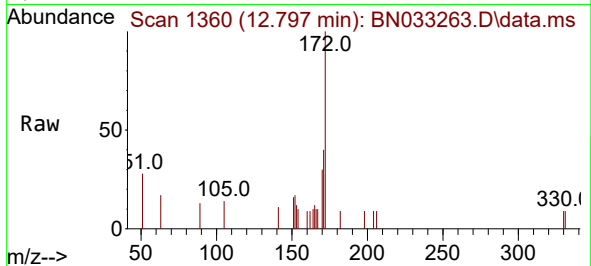




#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.797 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

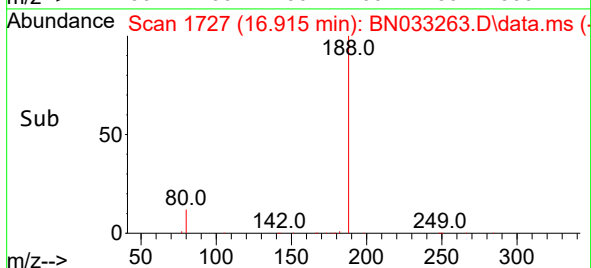
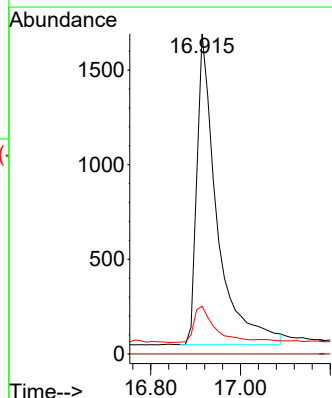
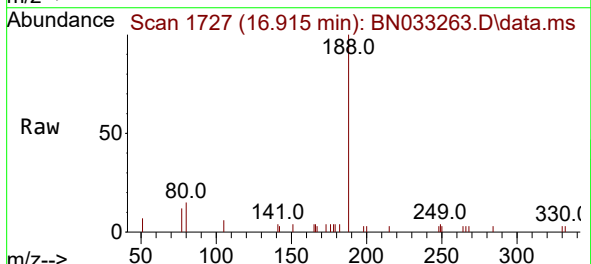
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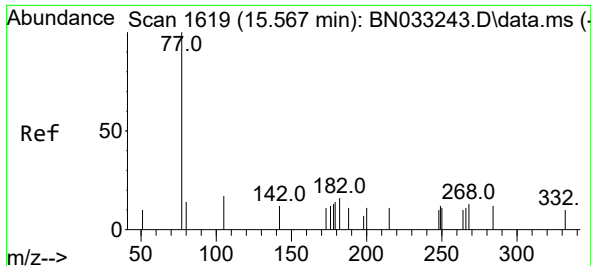
Tgt Ion:172 Resp: 2471
Ion Ratio Lower Upper
172 100
171 39.6 32.3 48.5
170 29.9 23.4 35.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.915 min Scan# 1727
Delta R.T. -0.005 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

Tgt Ion:188 Resp: 5104
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 10.2 15.4

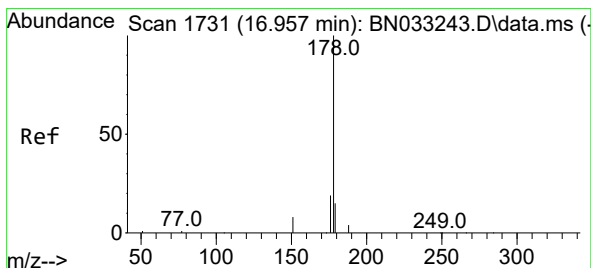
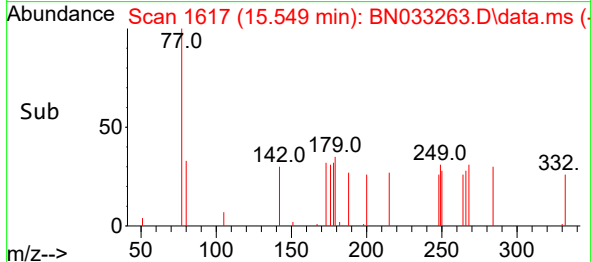
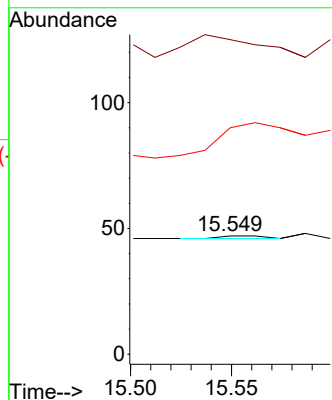
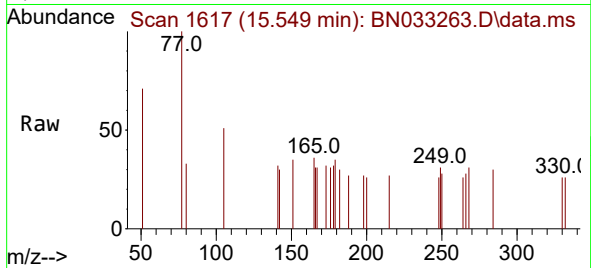




#20
4,6-Dinitro-2-methylphenol
Concen: 0.249 ng
RT: 15.549 min Scan# 1617
Delta R.T. -0.018 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

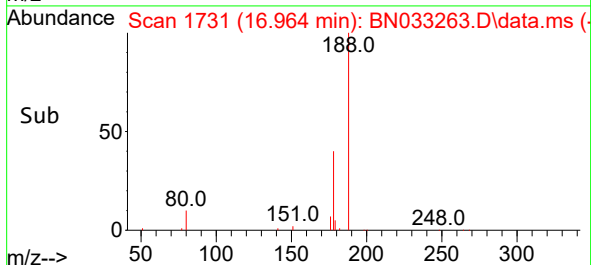
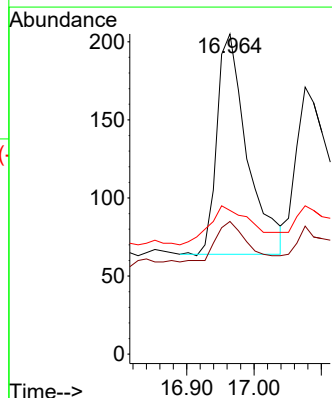
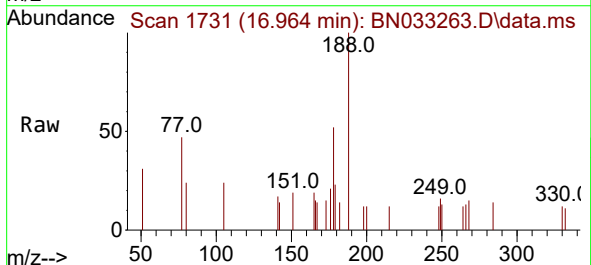
Instrument :
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ClientSampleId :
932-K1-WS-080224

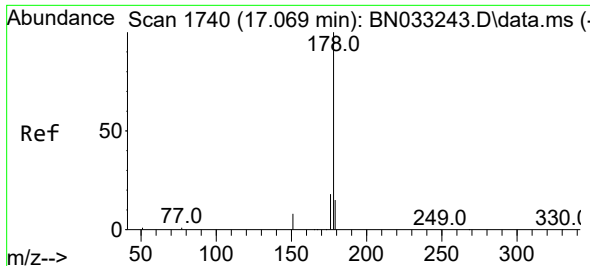
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 266.0 250.6 375.8
105 191.5 152.6 229.0



#25
Phenanthrene
Concen: 0.032 ng
RT: 16.964 min Scan# 1731
Delta R.T. 0.007 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

Tgt Ion:178 Resp: 440
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 24.5 12.4 18.6#

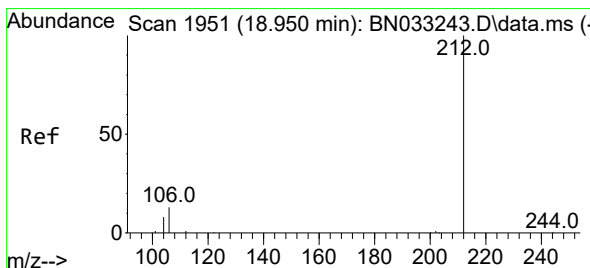
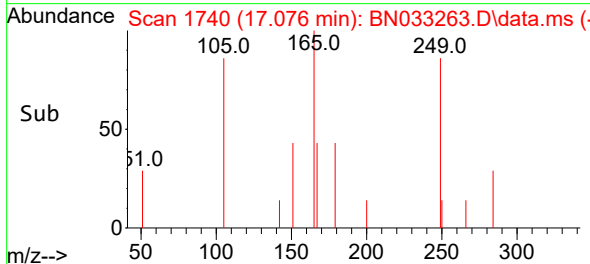
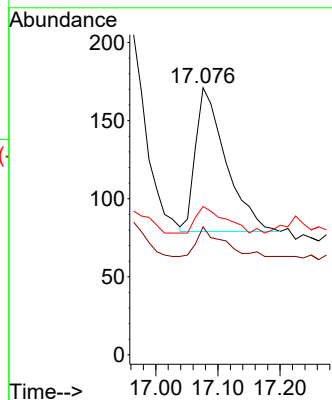
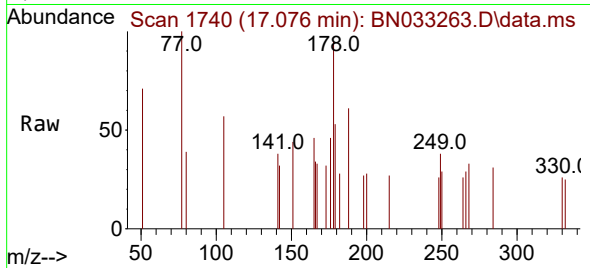




#26
 Anthracene
 Concen: 0.027 ng
 RT: 17.076 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: BN033263.D
 Acq: 06 Aug 2024 08:45

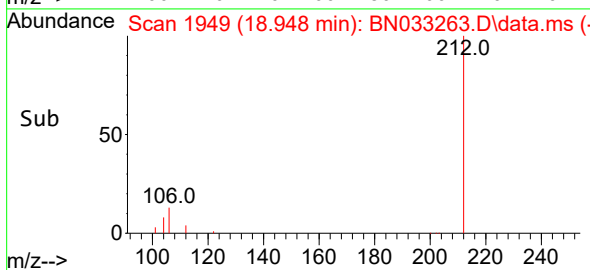
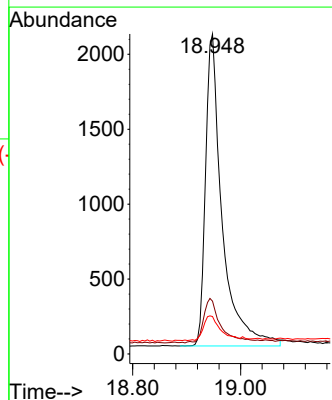
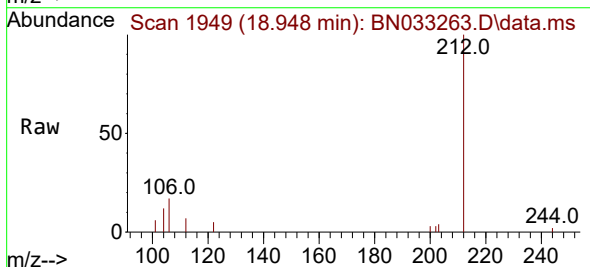
Instrument :
 BNA_N
 ClientSampleId :
 932-K1-WS-080224

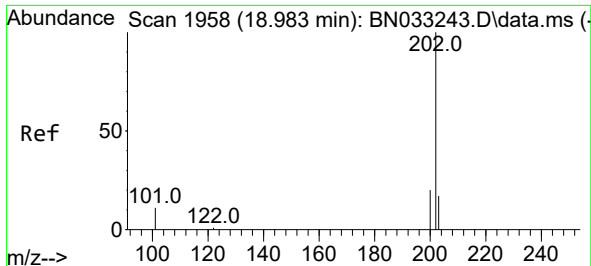
Tgt Ion:178 Resp: 314
 Ion Ratio Lower Upper
 178 100
 176 17.2 10.5 15.7#
 179 17.8 8.6 12.8#



#27
 Fluoranthene-d10
 Concen: 0.311 ng
 RT: 18.948 min Scan# 1949
 Delta R.T. -0.002 min
 Lab File: BN033263.D
 Acq: 06 Aug 2024 08:45

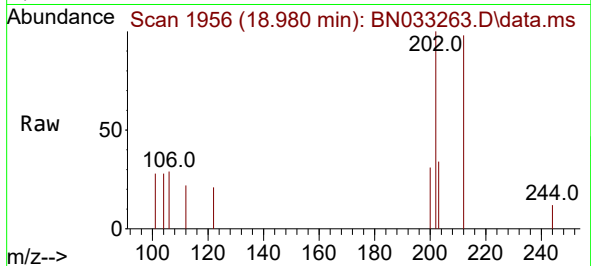
Tgt Ion:212 Resp: 4445
 Ion Ratio Lower Upper
 212 100
 106 14.5 11.4 17.0
 104 8.1 7.1 10.7



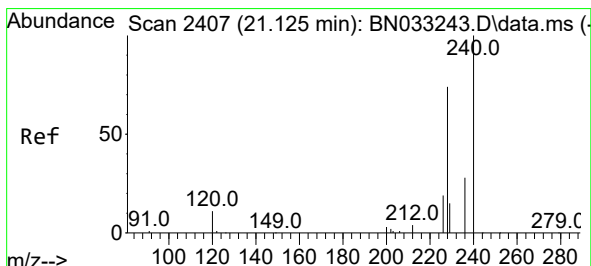
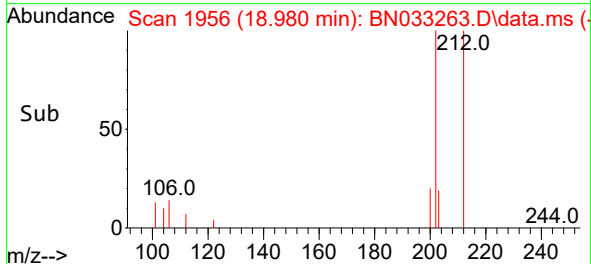
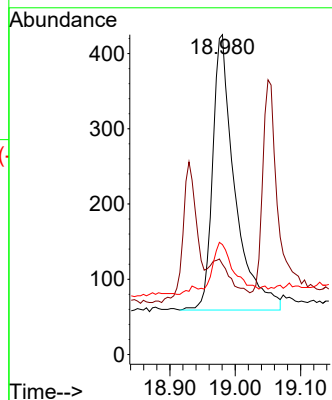


#28
Fluoranthene
Concen: 0.046 ng
RT: 18.980 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

Instrument :
BNA_N
ClientSampleId :
932-K1-WS-080224

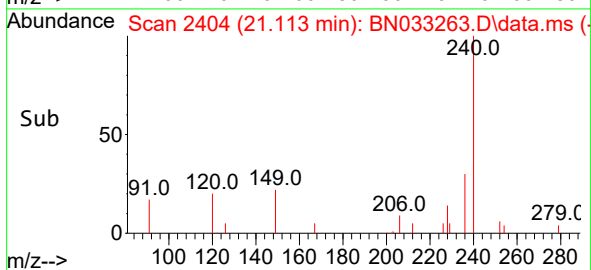
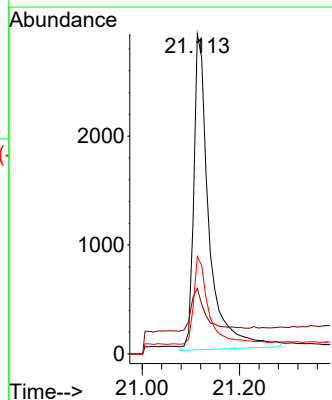
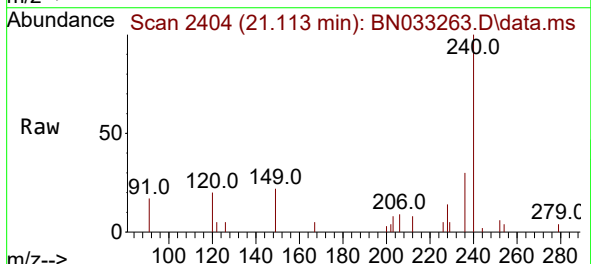


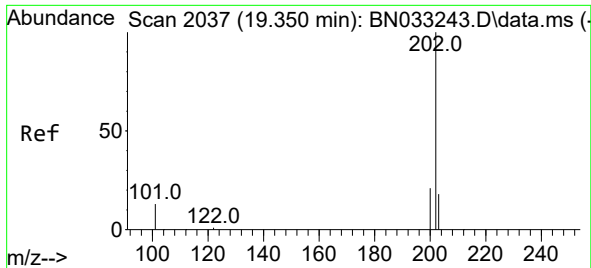
Tgt Ion:202 Resp: 863
Ion Ratio Lower Upper
202 100
101 10.9 8.6 13.0
203 15.4 13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.113 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

Tgt Ion:240 Resp: 6330
Ion Ratio Lower Upper
240 100
120 20.5 13.3 19.9#
236 30.5 23.8 35.6

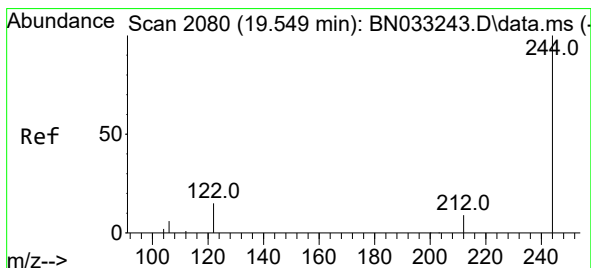
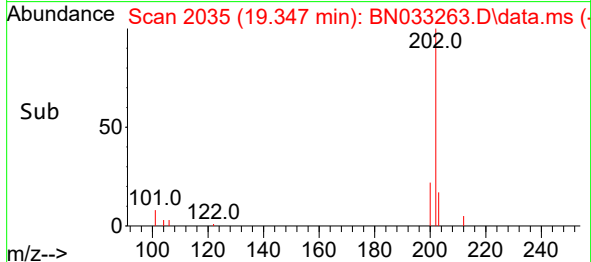
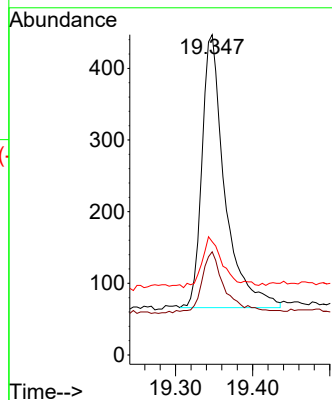
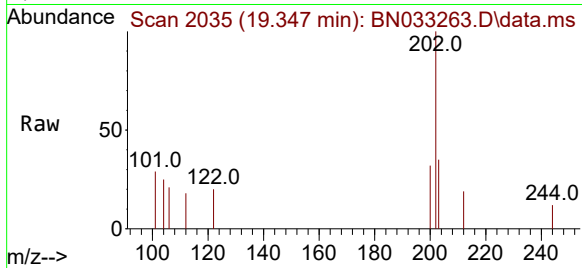




#30
 Pyrene
 Concen: 0.035 ng
 RT: 19.347 min Scan# 2035
 Delta R.T. -0.002 min
 Lab File: BN033263.D
 Acq: 06 Aug 2024 08:45

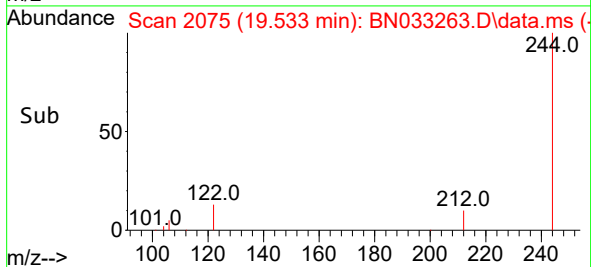
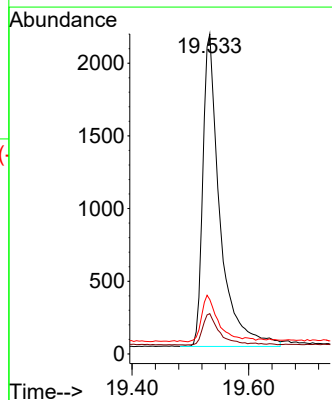
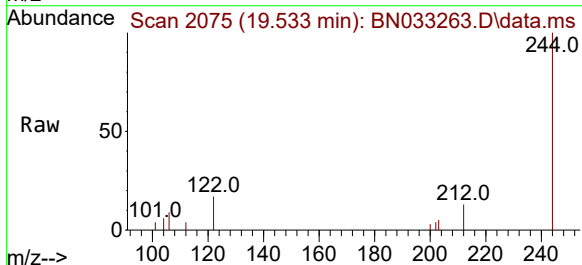
Instrument :
 BNA_N
 ClientSampleId :
 932-K1-WS-080224

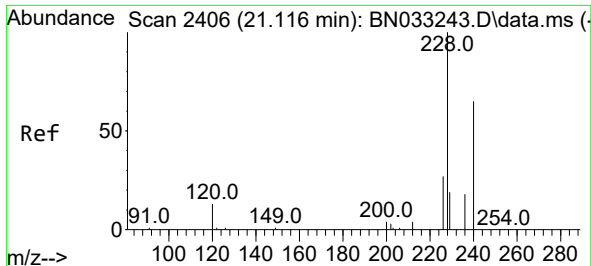
Tgt Ion:202 Resp: 783
 Ion Ratio Lower Upper
 202 100
 200 24.0 17.0 25.4
 203 16.3 14.4 21.6



#31
 Terphenyl-d14
 Concen: 0.401 ng
 RT: 19.533 min Scan# 2075
 Delta R.T. -0.016 min
 Lab File: BN033263.D
 Acq: 06 Aug 2024 08:45

Tgt Ion:244 Resp: 4380
 Ion Ratio Lower Upper
 244 100
 212 12.6 9.9 14.9
 122 17.0 14.1 21.1

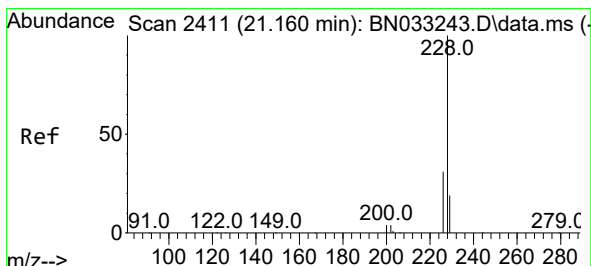
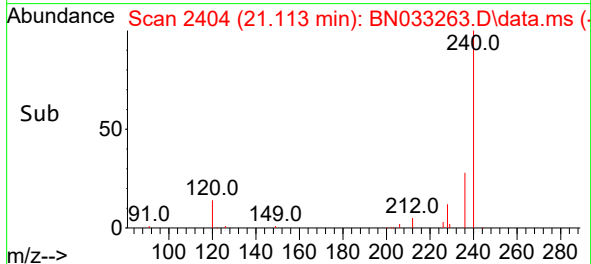
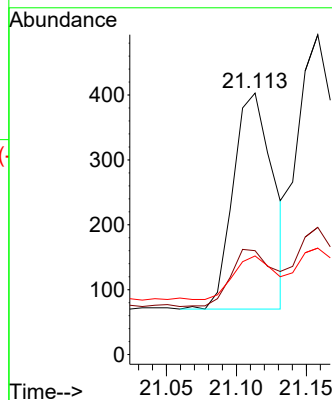
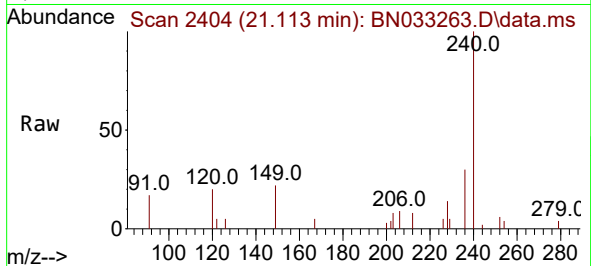




#32
Benzo(a)anthracene
Concen: 0.036 ng
RT: 21.113 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

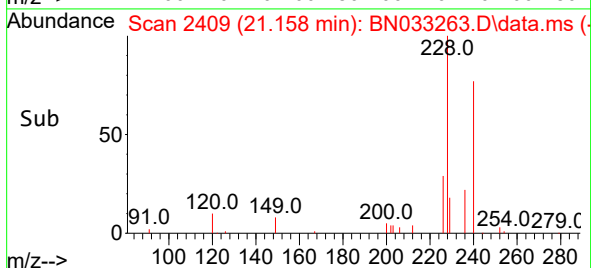
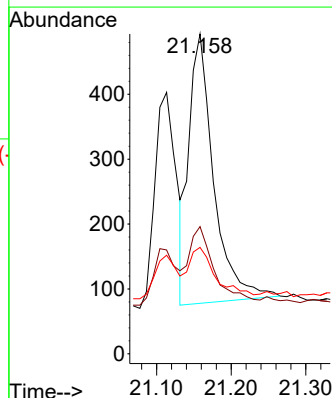
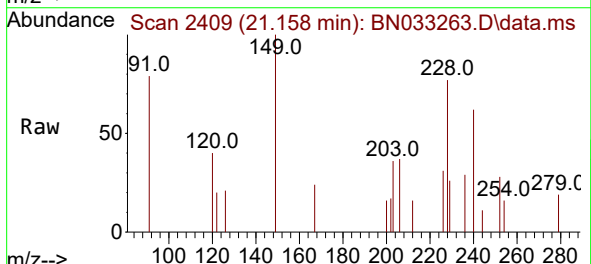
Instrument :
BNA_N
ClientSampleId :
932-K1-WS-080224

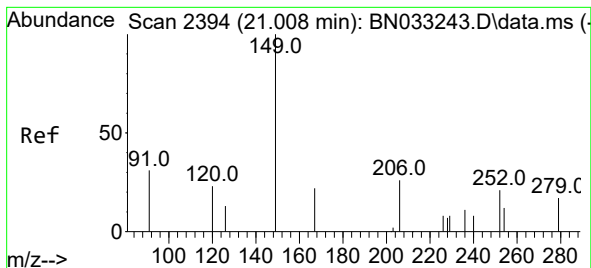
Tgt Ion:228 Resp: 663
Ion Ratio Lower Upper
228 100
226 39.7 22.4 33.6#
229 37.7 16.6 25.0#



#33
Chrysene
Concen: 0.039 ng
RT: 21.158 min Scan# 2409
Delta R.T. -0.002 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

Tgt Ion:228 Resp: 957
Ion Ratio Lower Upper
228 100
226 39.8 25.1 37.7#
229 33.3 16.2 24.2#

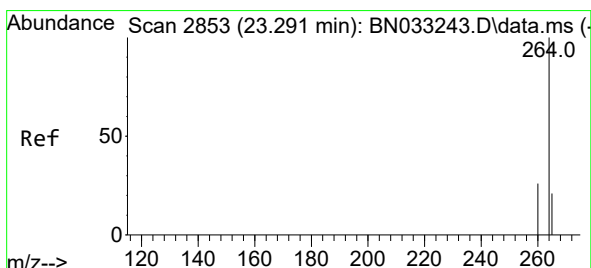
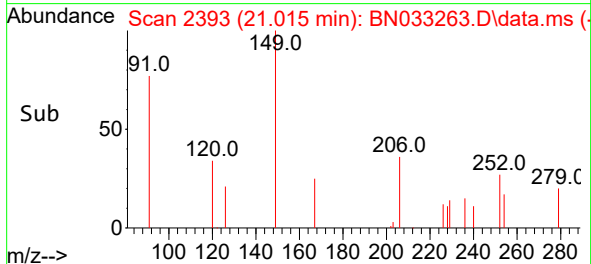
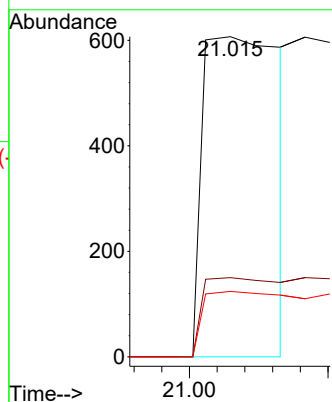
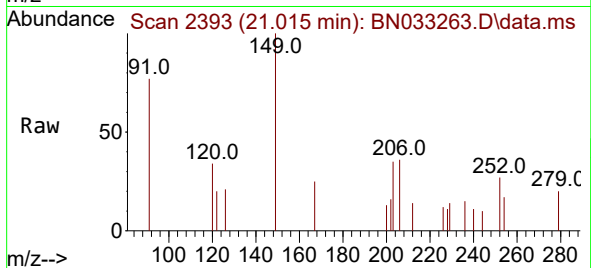




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.236 ng
 RT: 21.015 min Scan# 21035
 Delta R.T. 0.007 min
 Lab File: BN033263.D
 Acq: 06 Aug 2024 08:45

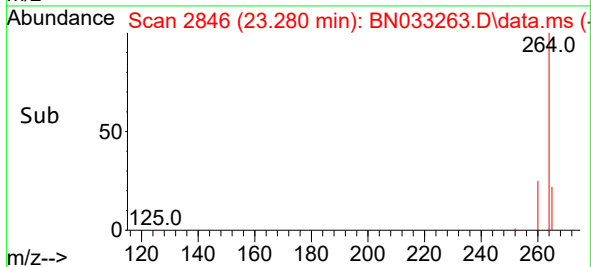
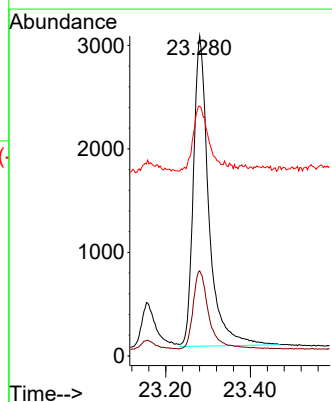
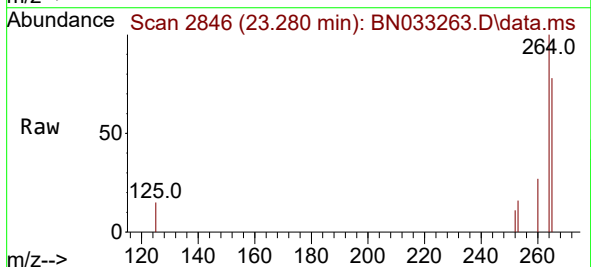
Instrument :
 BNA_N
 ClientSampleId :
 932-K1-WS-080224

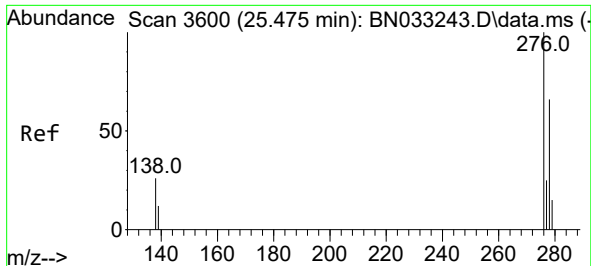
Tgt Ion:149 Resp: 1035
 Ion Ratio Lower Upper
 149 100
 167 24.4 19.8 29.6
 279 25.7 8.2 12.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.280 min Scan# 2846
 Delta R.T. -0.011 min
 Lab File: BN033263.D
 Acq: 06 Aug 2024 08:45

Tgt Ion:264 Resp: 7554
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.4 32.2
 265 78.1 66.6 99.8

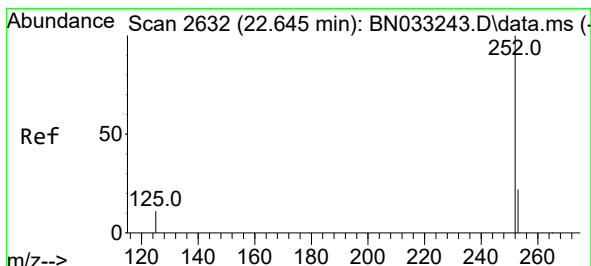
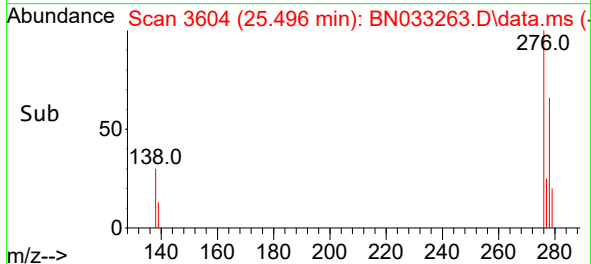
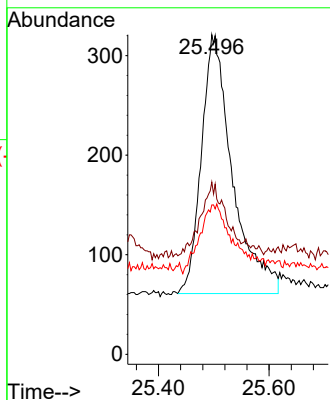
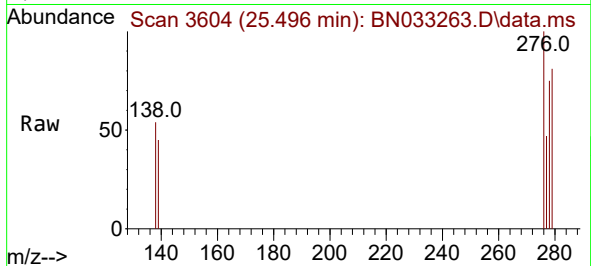




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.030 ng
 RT: 25.496 min Scan# 3604
 Delta R.T. 0.021 min
 Lab File: BN033263.D
 Acq: 06 Aug 2024 08:45

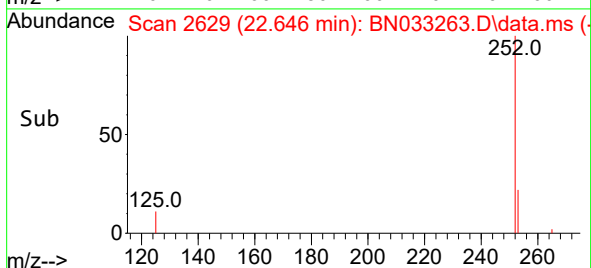
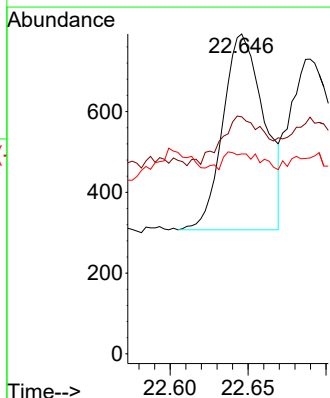
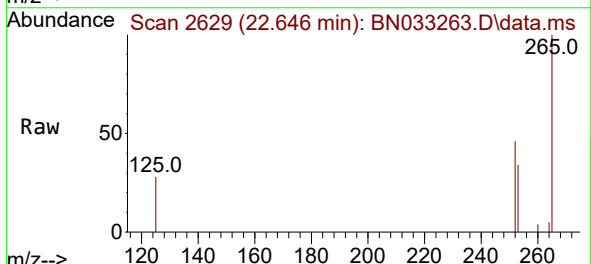
Instrument :
 BNA_N
 ClientSampleId :
 932-K1-WS-080224

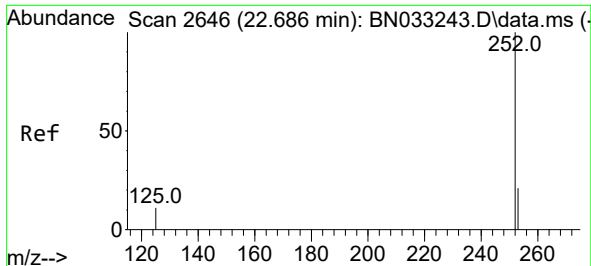
Tgt Ion:276 Resp: 1015
 Ion Ratio Lower Upper
 276 100
 138 22.7 20.4 30.6
 277 27.2 19.9 29.9



#37
 Benzo(b)fluoranthene
 Concen: 0.039 ng
 RT: 22.646 min Scan# 2629
 Delta R.T. 0.001 min
 Lab File: BN033263.D
 Acq: 06 Aug 2024 08:45

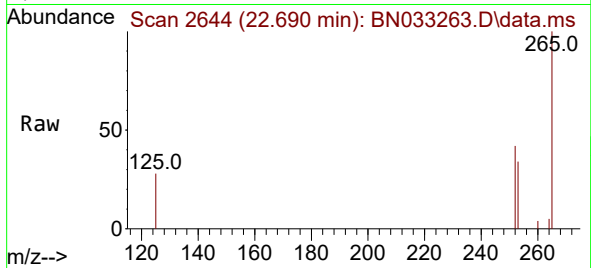
Tgt Ion:252 Resp: 893
 Ion Ratio Lower Upper
 252 100
 253 74.1 23.3 34.9#
 125 62.5 14.6 22.0#



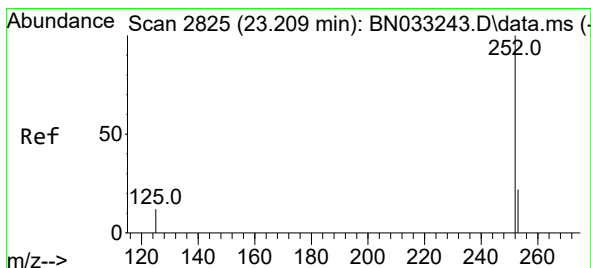
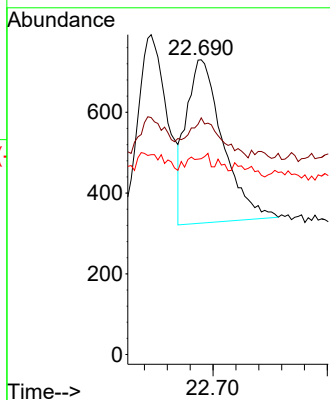


#38
Benzo(k)fluoranthene
Concen: 0.031 ng
RT: 22.690 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

Instrument :
BNA_N
ClientSampleId :
932-K1-WS-080224

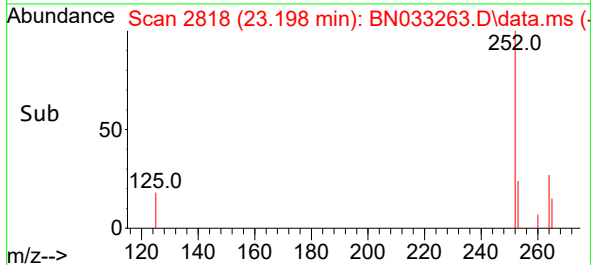
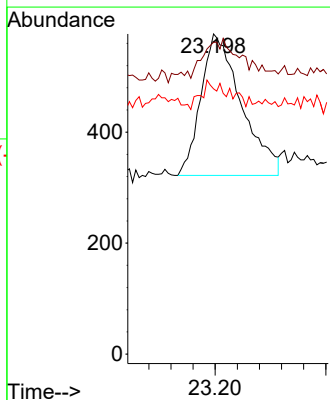
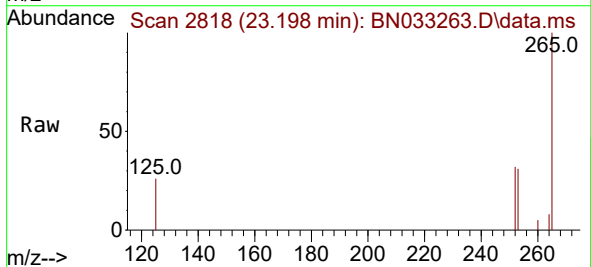


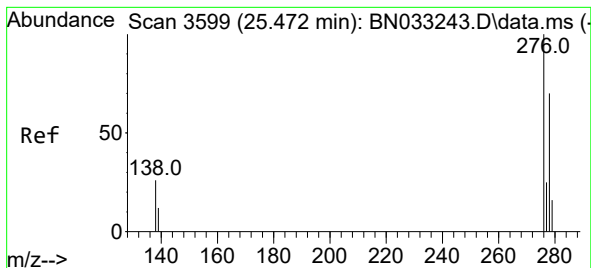
Tgt Ion:252 Resp: 898
Ion Ratio Lower Upper
252 100
253 80.3 23.7 35.5#
125 66.4 15.4 23.0#



#39
Benzo(a)pyrene
Concen: 0.028 ng
RT: 23.198 min Scan# 2818
Delta R.T. -0.011 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

Tgt Ion:252 Resp: 650
Ion Ratio Lower Upper
252 100
253 97.4 28.4 42.6#
125 82.8 20.1 30.1#





#40

Dibenzo(a,h)anthracene

Concen: 0.029 ng

RT: 25.488 min Scan# 3

Delta R.T. 0.016 min

Lab File: BN033263.D

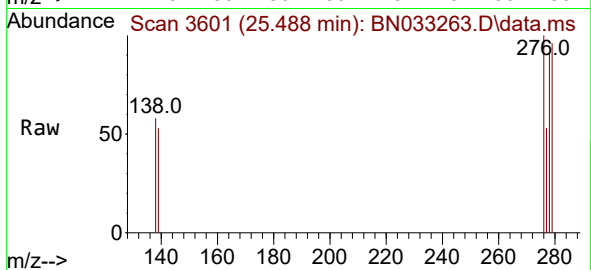
Acq: 06 Aug 2024 08:45

Instrument :

BNA_N

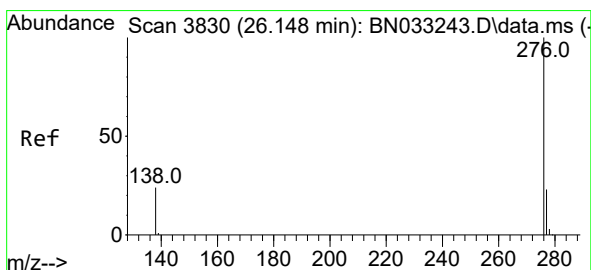
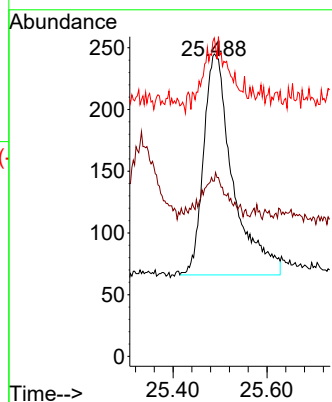
ClientSampleId :

932-K1-WS-080224



Tgt Ion:278 Resp: 776

Ion	Ratio	Lower	Upper
278	100		
139	58.0	16.7	25.1#
279	105.3	25.0	37.6#



#41

Benzo(g,h,i)perylene

Concen: 0.028 ng

RT: 26.169 min Scan# 3834

Delta R.T. 0.021 min

Lab File: BN033263.D

Acq: 06 Aug 2024 08:45

Tgt Ion:276 Resp: 866

Ion	Ratio	Lower	Upper
276	100		
277	49.5	21.0	31.4#
138	50.9	21.4	32.0#

