

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080624\
 Data File : BN033278.D
 Acq On : 06 Aug 2024 17:59
 Operator : MA/JU
 Sample : P3467-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 919-J-WS-080224

Quant Time: Aug 06 18:32:18 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)

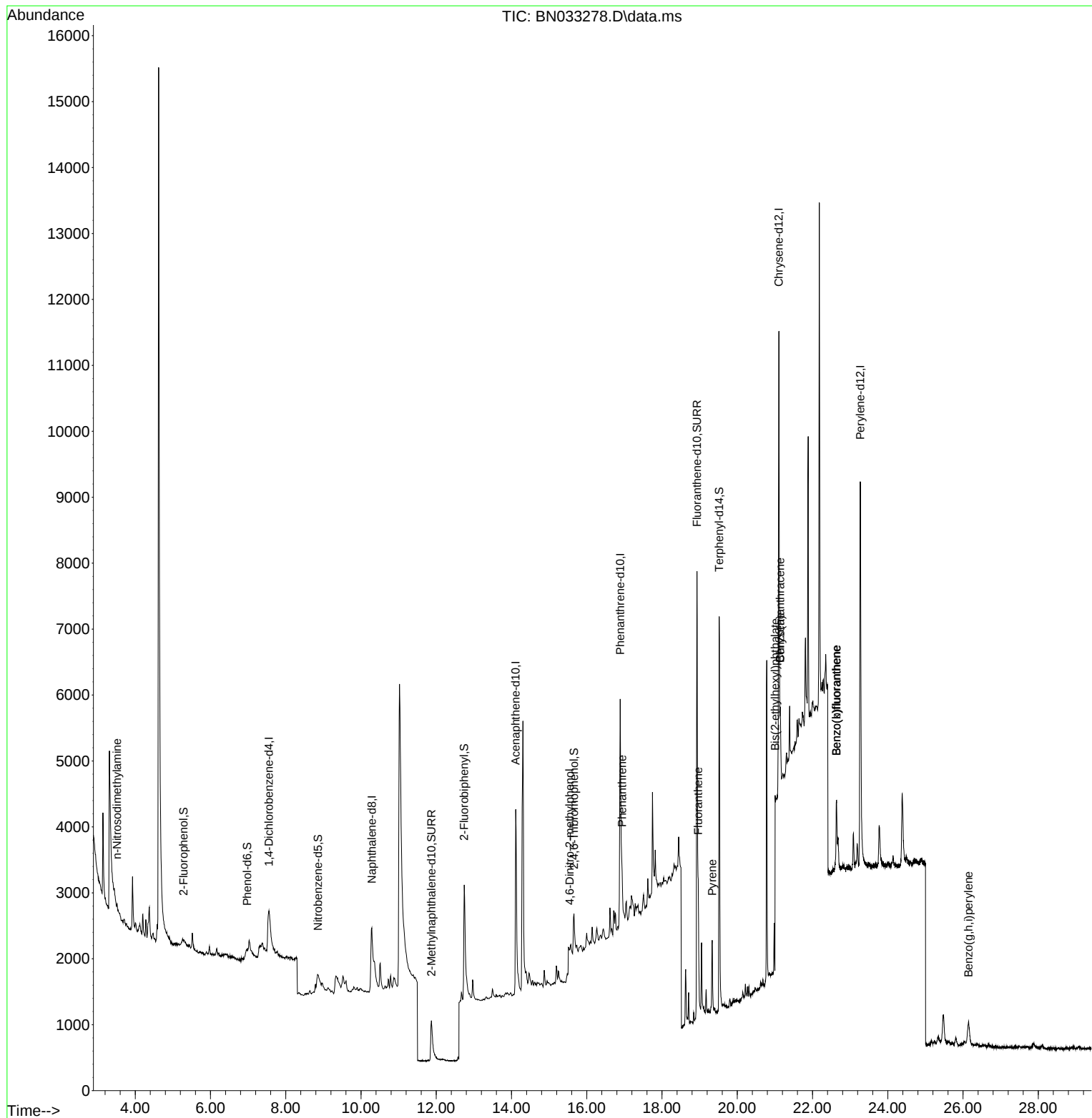
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	968	0.400	ng	0.04
7) Naphthalene-d8	10.287	136	3824	0.400	ng	-0.03
13) Acenaphthene-d10	14.111	164	2488	0.400	ng	-0.01
19) Phenanthrene-d10	16.890	188	6420	0.400	ng	-0.03
29) Chrysene-d12	21.104	240	7473	0.400	ng	-0.02
35) Perylene-d12	23.271	264	8396	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.278	112	214	0.089	ng	-0.01
5) Phenol-d6	6.975	99	172	0.052	ng	-0.01
8) Nitrobenzene-d5	8.856	82	1050	0.341	ng	-0.06
11) 2-Methylnaphthalene-d10	11.871	152	2050	0.361	ng	-0.06
14) 2,4,6-Tribromophenol	15.661	330	457	0.493	ng	-0.06
15) 2-Fluorobiphenyl	12.743	172	3101	0.364	ng	-0.06
27) Fluoranthene-d10	18.929	212	8257	0.460	ng	-0.02
31) Terphenyl-d14	19.519	244	7156	0.554	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.054	88	23	Below Cal	#	25
3) n-Nitrosodimethylamine	3.516	42	52	0.044	ng	# 69
20) 4,6-Dinitro-2-methylph...	15.549	198	1	0.249	ng	# 55
25) Phenanthrene	16.939	178	903	0.052	ng	# 89
28) Fluoranthene	18.962	202	1876	0.079	ng	# 84
30) Pyrene	19.333	202	1284	0.049	ng	# 95
32) Benzo(a)anthracene	21.140	228	1631	0.076	ng	# 73
33) Chrysene	21.140	228	1752	0.061	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.006	149	1325	0.256	ng	# 65
37) Benzo(b)fluoranthene	22.634	252	1546	0.061	ng	# 33
38) Benzo(k)fluoranthene	22.634	252	1546	0.049	ng	# 35
41) Benzo(g,h,i)perylene	26.145	276	751	0.022	ng	# 38

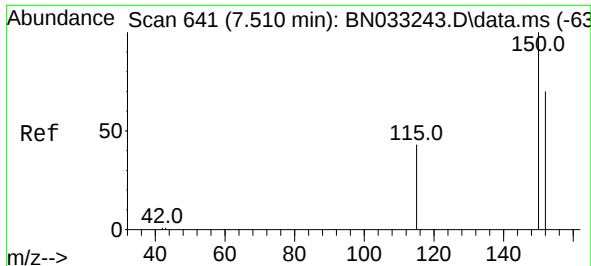
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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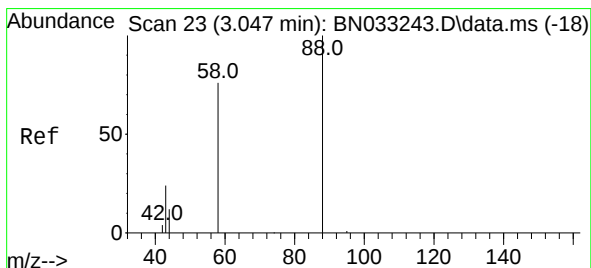
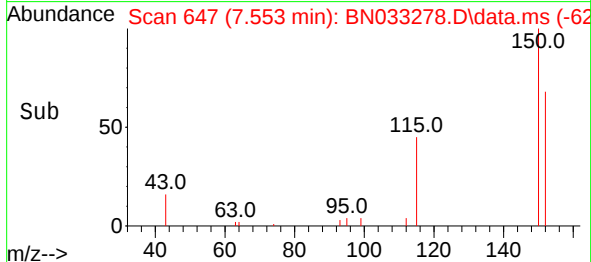
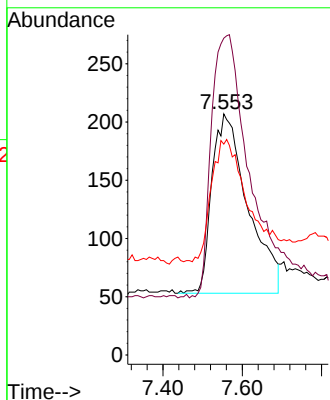
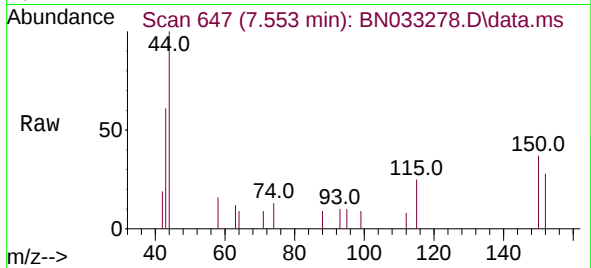




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.553 min Scan# 64
Delta R.T. 0.043 min
Lab File: BN033278.D
Acq: 06 Aug 2024 17:59

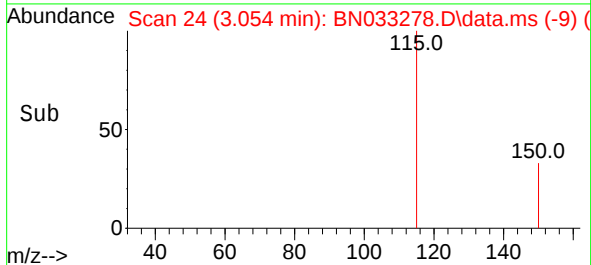
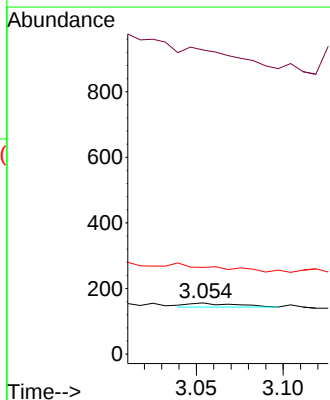
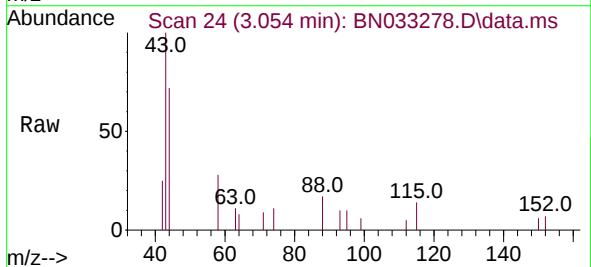
Instrument :
BNA_N
ClientSampleId :
919-J-WS-080224

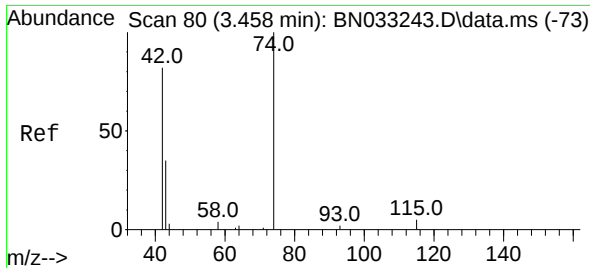
Tgt Ion:152 Resp: 968
Ion Ratio Lower Upper
152 100
150 131.4 108.2 162.2
115 87.4 70.5 105.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.054 min Scan# 24
Delta R.T. 0.007 min
Lab File: BN033278.D
Acq: 06 Aug 2024 17:59

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 18.6 28.0#
58 0.0 54.5 81.7#





#3

n-Nitrosodimethylamine

Concen: 0.044 ng

RT: 3.516 min Scan# 80

Delta R.T. 0.058 min

Lab File: BN033278.D

Acq: 06 Aug 2024 17:59

Instrument :

BNA_N

ClientSampleId :

919-J-WS-080224

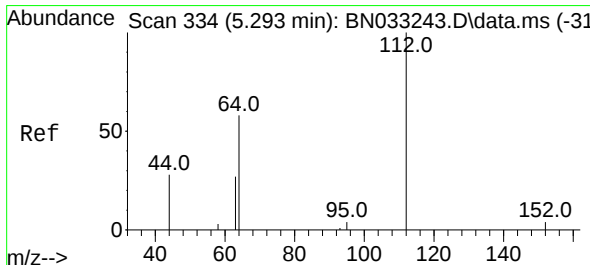
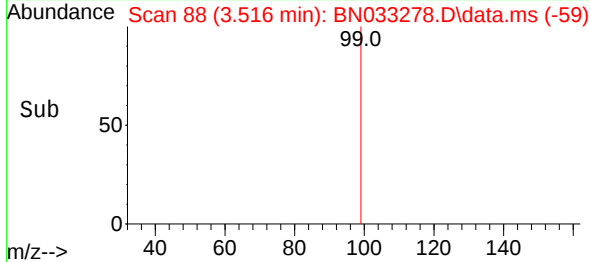
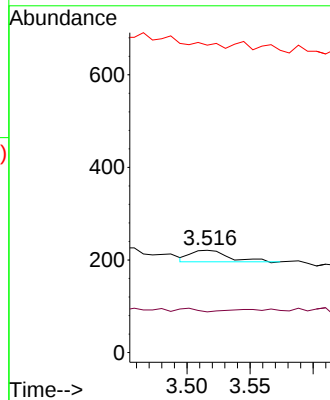
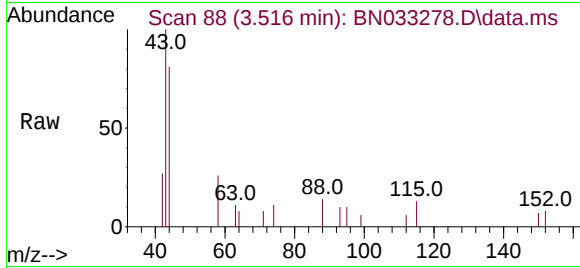
Tgt Ion: 42 Resp: 52

Ion Ratio Lower Upper

42 100

74 13.5 0.0 0.0#

44 0.0 9.6 14.4#



#4

2-Fluorophenol

Concen: 0.089 ng

RT: 5.278 min Scan# 332

Delta R.T. -0.015 min

Lab File: BN033278.D

Acq: 06 Aug 2024 17:59

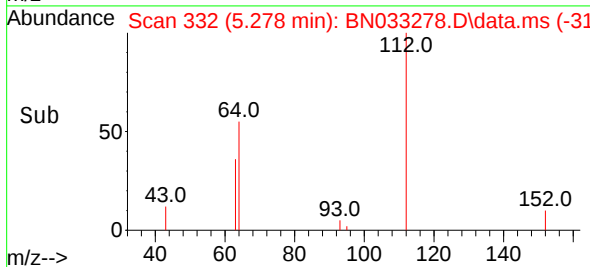
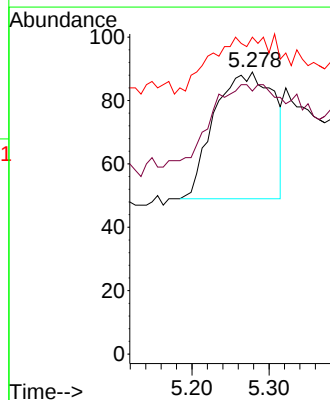
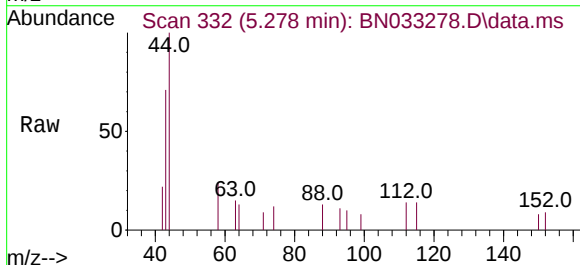
Tgt Ion: 112 Resp: 214

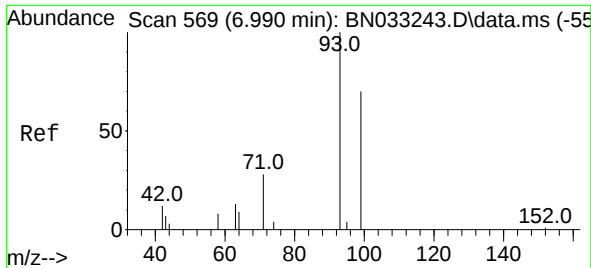
Ion Ratio Lower Upper

112 100

64 0.0 18.0 27.0#

63 0.0 0.0 0.0

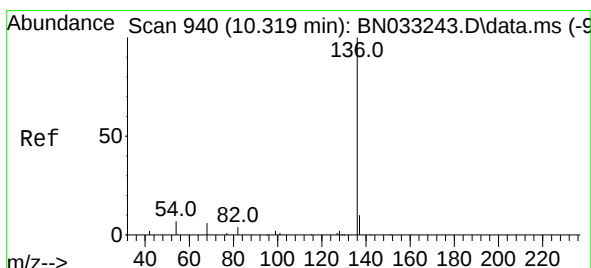
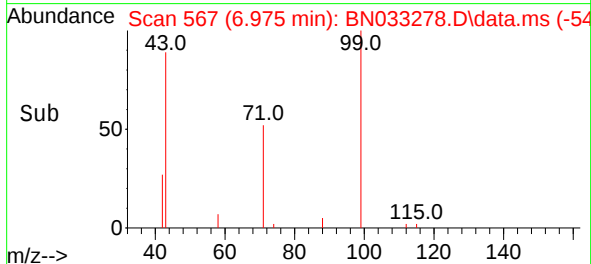
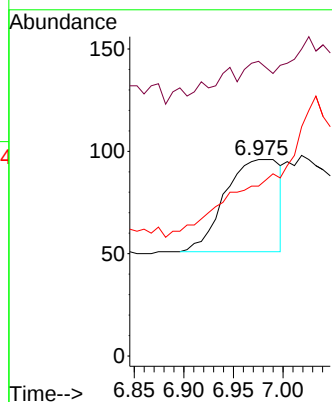
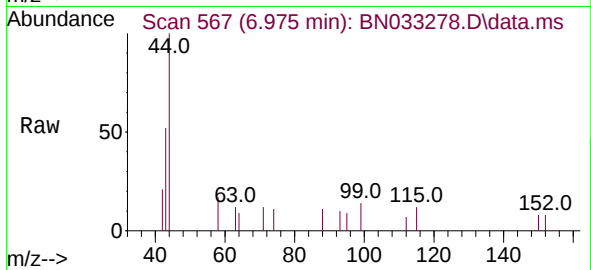




#5
Phenol-d6
Concen: 0.052 ng
RT: 6.975 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN033278.D
Acq: 06 Aug 2024 17:59

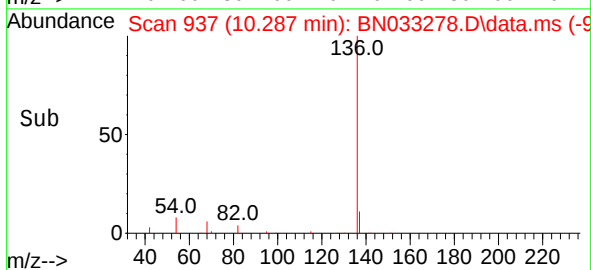
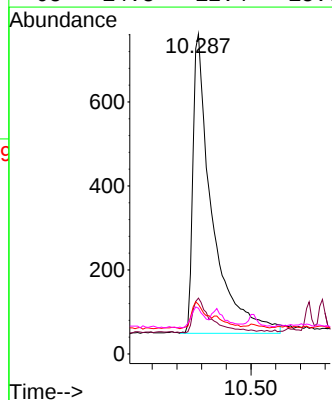
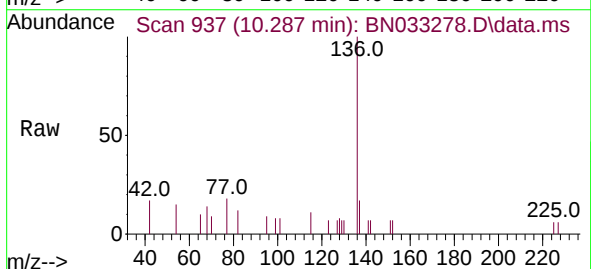
Instrument :
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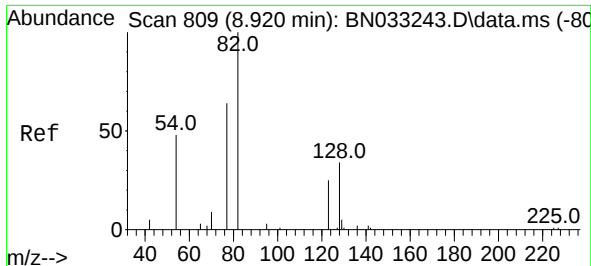
Tgt Ion: 99 Resp: 172
Ion Ratio Lower Upper
99 100
42 16.9 0.0 0.0#
71 0.0 0.0 0.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.287 min Scan# 937
Delta R.T. -0.032 min
Lab File: BN033278.D
Acq: 06 Aug 2024 17:59

Tgt Ion: 136 Resp: 3824
Ion Ratio Lower Upper
136 100
137 17.5 14.1 21.1
54 15.5 13.8 20.8
68 14.3 12.4 18.6

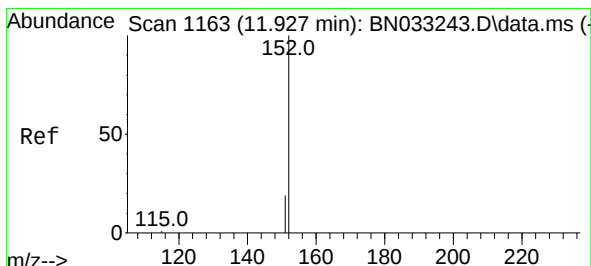
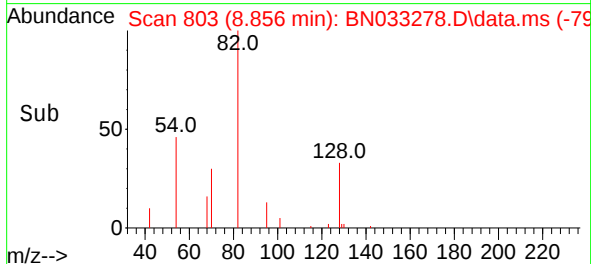
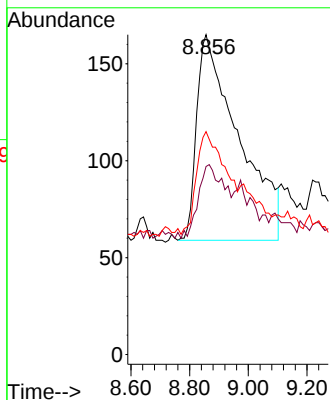
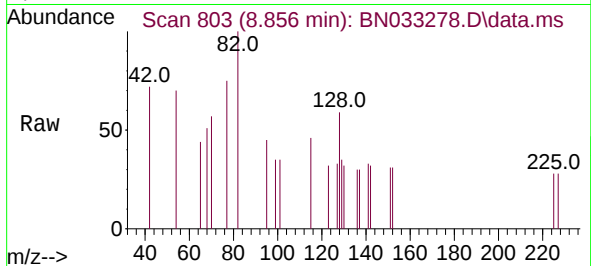




#8
Nitrobenzene-d5
Concen: 0.341 ng
RT: 8.856 min Scan# 809
Delta R.T. -0.064 min
Lab File: BN033278.D
Acq: 06 Aug 2024 17:59

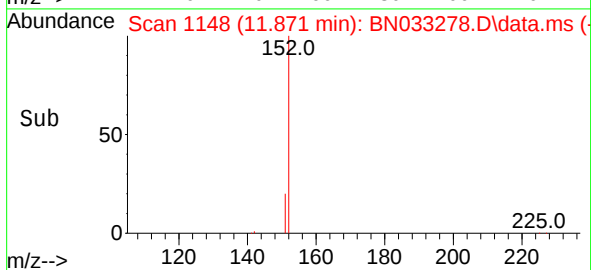
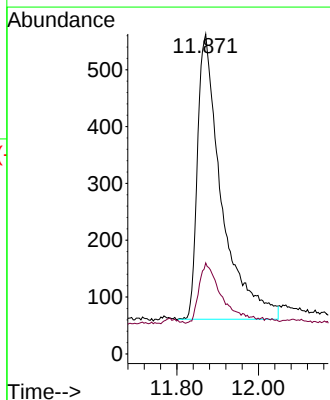
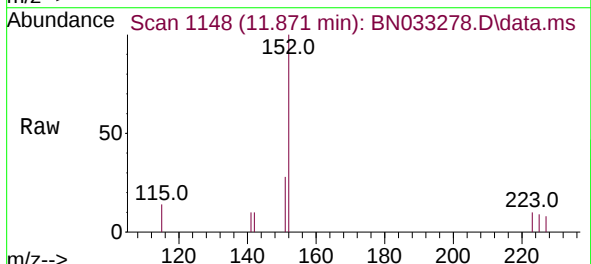
Instrument :
BNA_N
ClientSampleId :
919-J-WS-080224

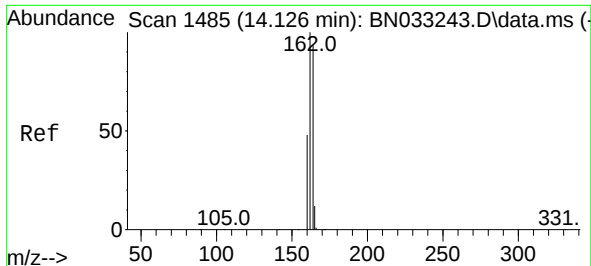
Tgt Ion: 82 Resp: 1050
Ion Ratio Lower Upper
82 100
128 58.8 54.8 82.2
54 69.7 55.9 83.9



#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 11.871 min Scan# 1148
Delta R.T. -0.056 min
Lab File: BN033278.D
Acq: 06 Aug 2024 17:59

Tgt Ion:152 Resp: 2050
Ion Ratio Lower Upper
152 100
151 19.7 11.9 17.9#

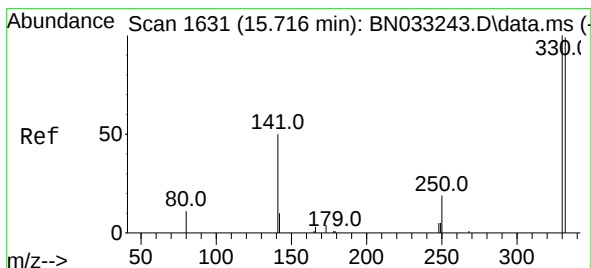
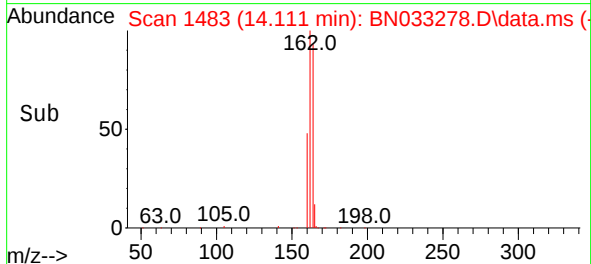
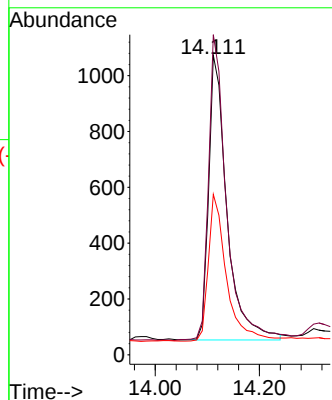
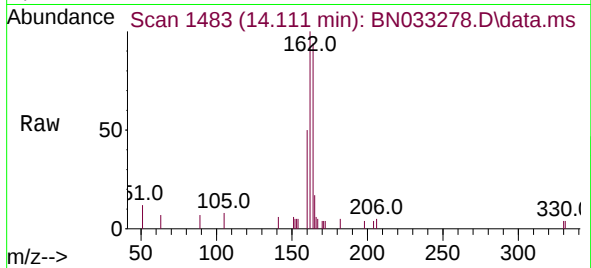




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.111 min Scan# 1483
Delta R.T. -0.015 min
Lab File: BN033278.D
Acq: 06 Aug 2024 17:59

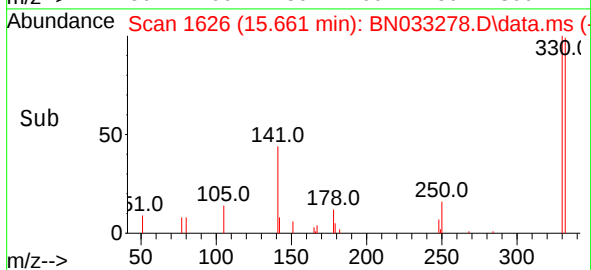
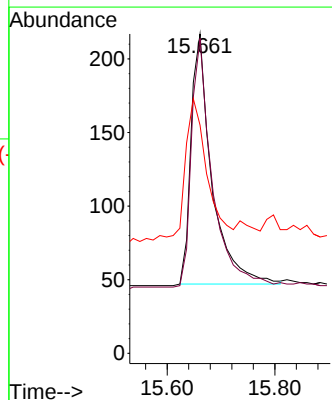
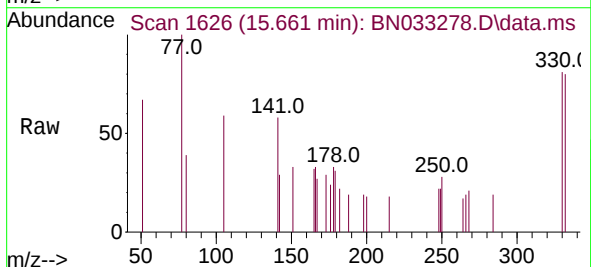
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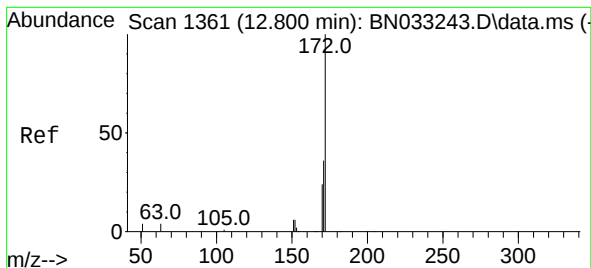
Tgt Ion:164 Resp: 2488
Ion Ratio Lower Upper
164 100
162 106.9 84.6 127.0
160 53.6 42.4 63.6



#14
2,4,6-Tribromophenol
Concen: 0.493 ng
RT: 15.661 min Scan# 1626
Delta R.T. -0.055 min
Lab File: BN033278.D
Acq: 06 Aug 2024 17:59

Tgt Ion:330 Resp: 457
Ion Ratio Lower Upper
330 100
332 98.0 73.7 110.5
141 46.8 44.8 67.2





#15

2-Fluorobiphenyl

Concen: 0.364 ng

RT: 12.743 min Scan# 1355

Delta R.T. -0.057 min

Lab File: BN033278.D

Acq: 06 Aug 2024 17:59

Instrument :

BNA_N

ClientSampleId :

919-J-WS-080224

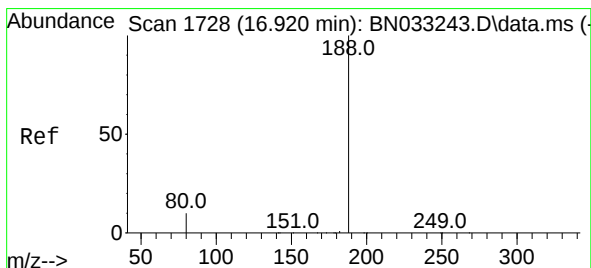
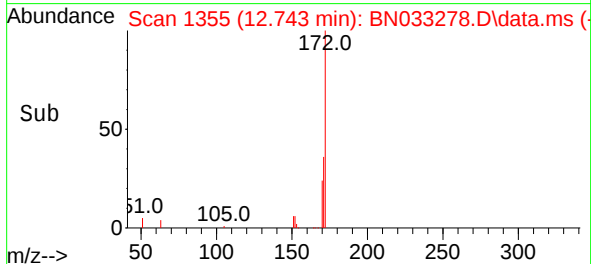
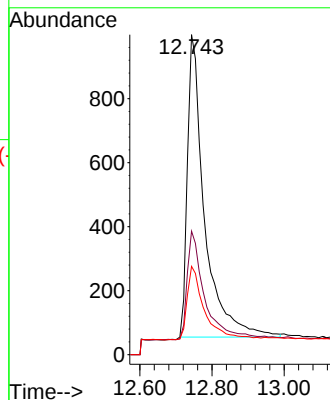
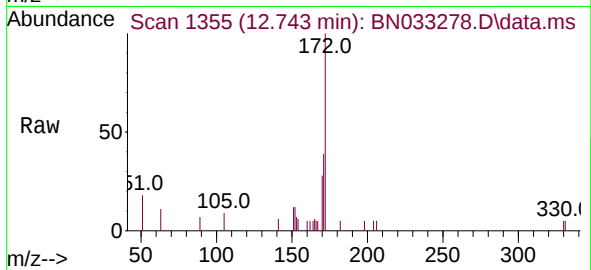
Tgt Ion:172 Resp: 3101

Ion Ratio Lower Upper

172 100

171 38.6 32.3 48.5

170 27.6 23.4 35.2



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.890 min Scan# 1725

Delta R.T. -0.030 min

Lab File: BN033278.D

Acq: 06 Aug 2024 17:59

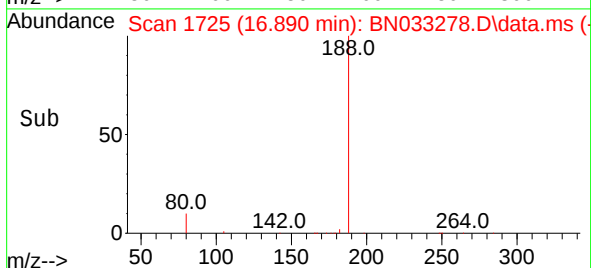
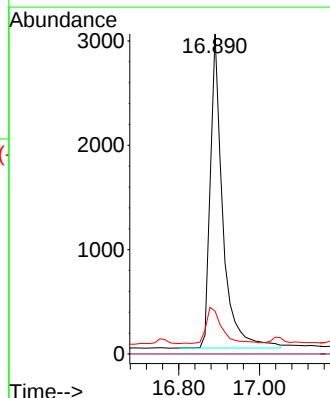
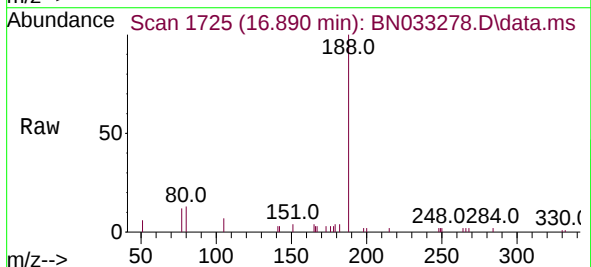
Tgt Ion:188 Resp: 6420

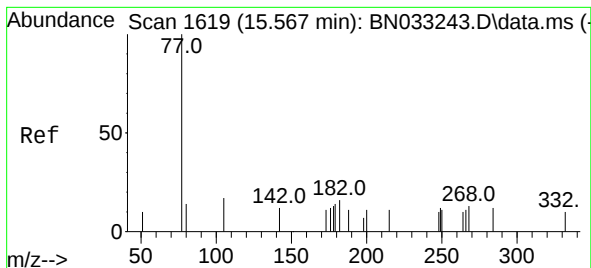
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.4 10.2 15.4

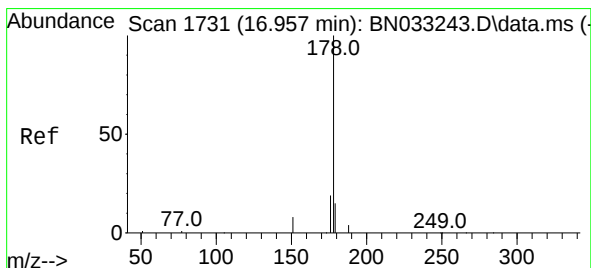
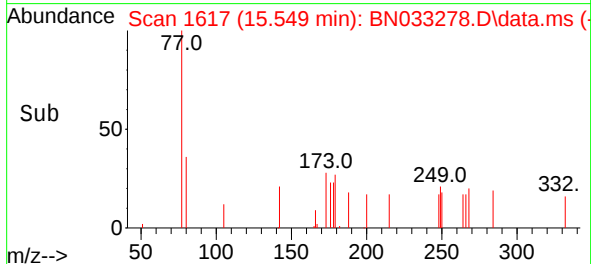
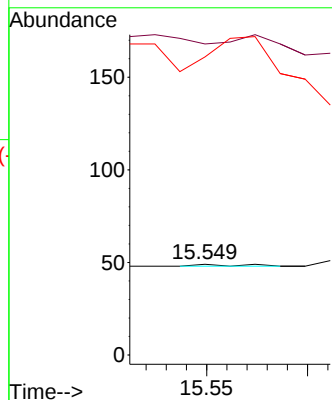
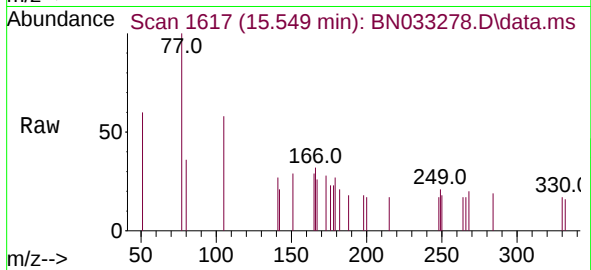




#20
4,6-Dinitro-2-methylphenol
Concen: 0.249 ng
RT: 15.549 min Scan# 1619
Delta R.T. -0.018 min
Lab File: BN033278.D
Acq: 06 Aug 2024 17:59

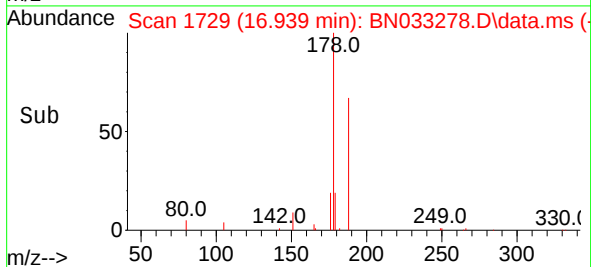
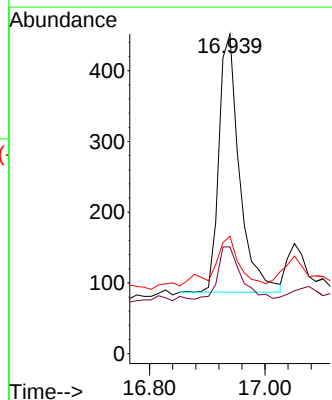
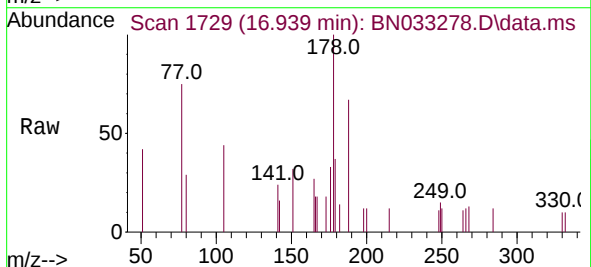
Instrument :
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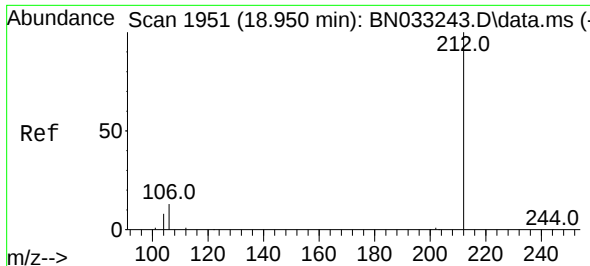
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 342.9 250.6 375.8
105 328.6 152.6 229.0#



#25
Phenanthrene
Concen: 0.052 ng
RT: 16.939 min Scan# 1729
Delta R.T. -0.018 min
Lab File: BN033278.D
Acq: 06 Aug 2024 17:59

Tgt Ion:178 Resp: 903
Ion Ratio Lower Upper
178 100
176 22.6 15.7 23.5
179 22.7 12.4 18.6#

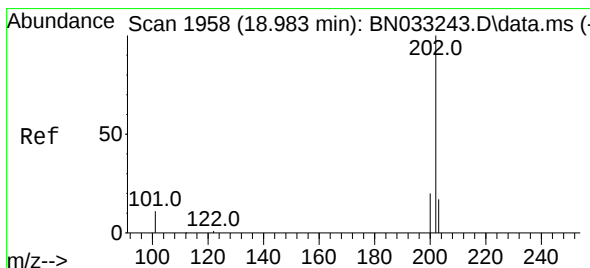
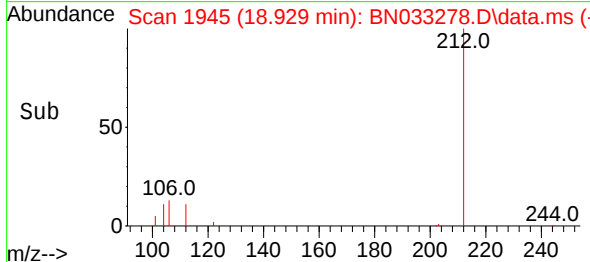
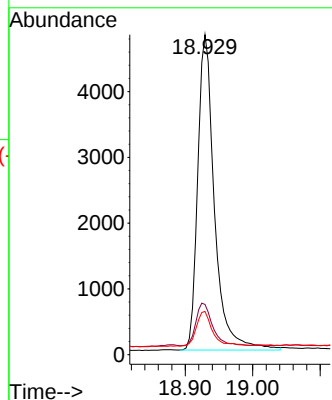
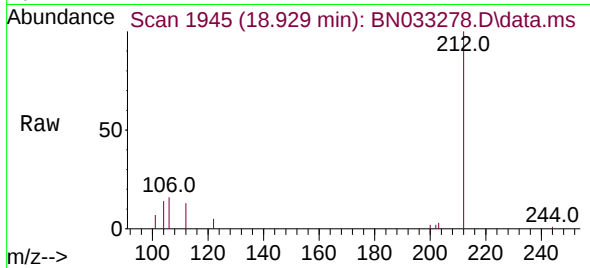




#27
Fluoranthene-d10
Concen: 0.460 ng
RT: 18.929 min Scan# 1945
Delta R.T. -0.021 min
Lab File: BN033278.D
Acq: 06 Aug 2024 17:59

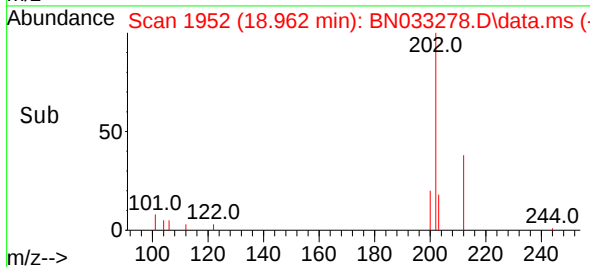
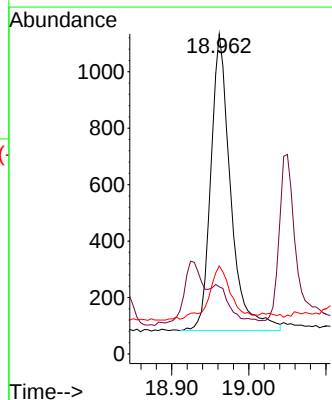
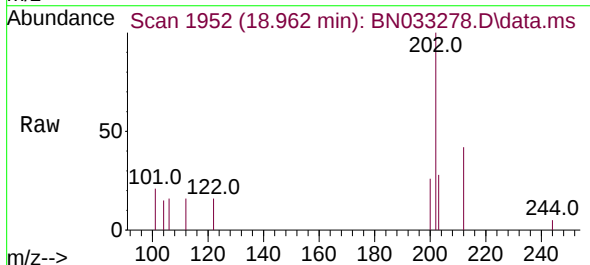
Instrument :
BNA_N
ClientSampleId :
919-J-WS-080224

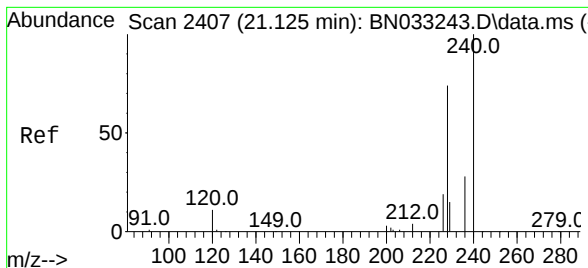
Tgt Ion:212 Resp: 8257
Ion Ratio Lower Upper
212 100
106 13.6 11.4 17.0
104 11.0 7.1 10.7#



#28
Fluoranthene
Concen: 0.079 ng
RT: 18.962 min Scan# 1952
Delta R.T. -0.021 min
Lab File: BN033278.D
Acq: 06 Aug 2024 17:59

Tgt Ion:202 Resp: 1876
Ion Ratio Lower Upper
202 100
101 0.0 8.6 13.0#
203 20.9 13.8 20.8#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.104 min Scan# 2403

Delta R.T. -0.021 min

Lab File: BN033278.D

Acq: 06 Aug 2024 17:59

Instrument :

BNA_N

ClientSampleId :

919-J-WS-080224

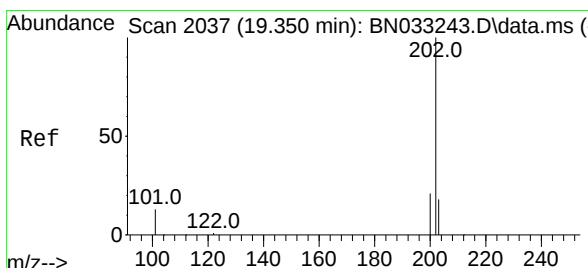
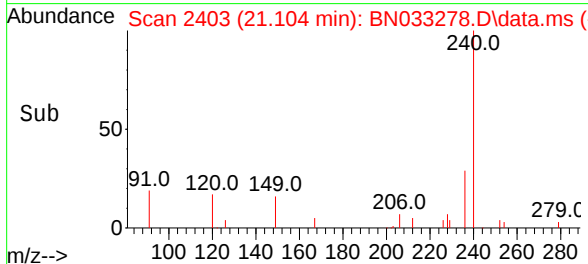
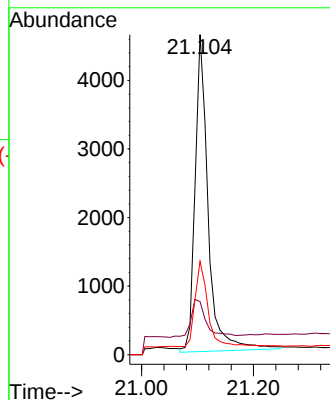
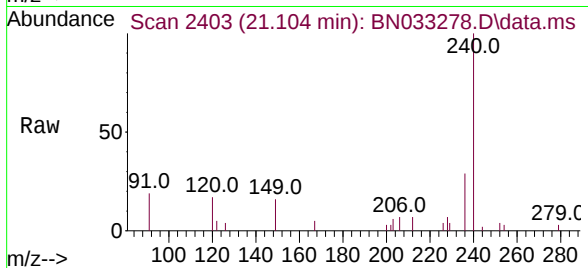
Tgt Ion:240 Resp: 7473

Ion Ratio Lower Upper

240 100

120 16.6 13.3 19.9

236 29.2 23.8 35.6



#30

Pyrene

Concen: 0.049 ng

RT: 19.333 min Scan# 2032

Delta R.T. -0.016 min

Lab File: BN033278.D

Acq: 06 Aug 2024 17:59

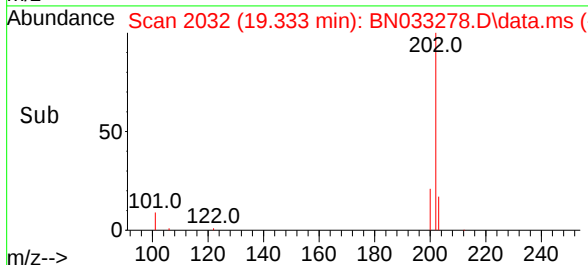
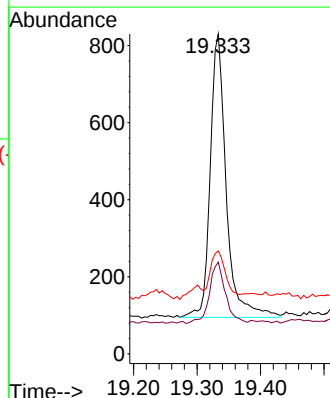
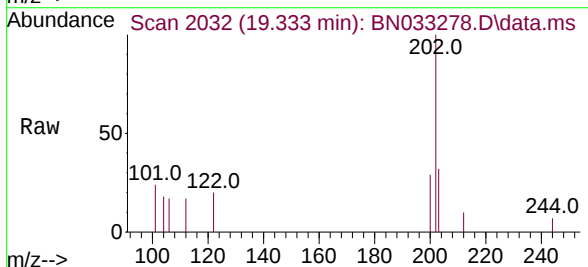
Tgt Ion:202 Resp: 1284

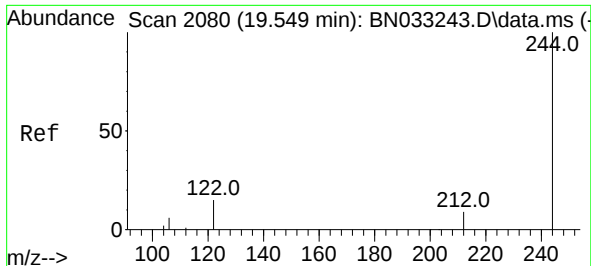
Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.4

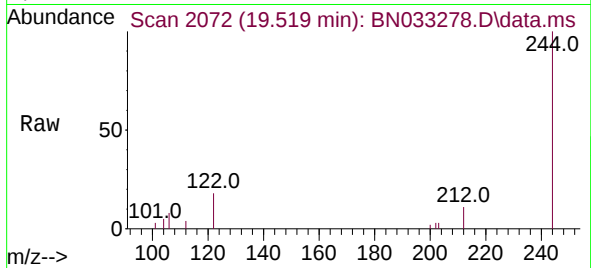
203 13.8 14.4 21.6#



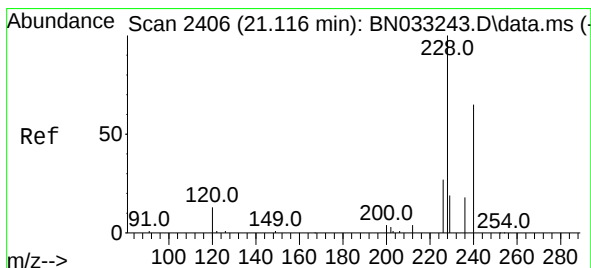
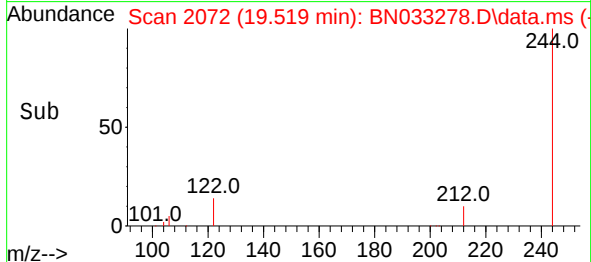
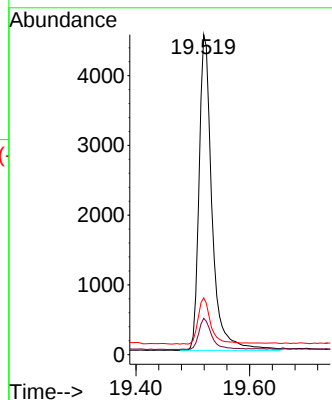


#31
Terphenyl-d14
Concen: 0.554 ng
RT: 19.519 min Scan# 2080
Delta R.T. -0.030 min
Lab File: BN033278.D
Acq: 06 Aug 2024 17:59

Instrument :
BNA_N
ClientSampleId :
919-J-WS-080224

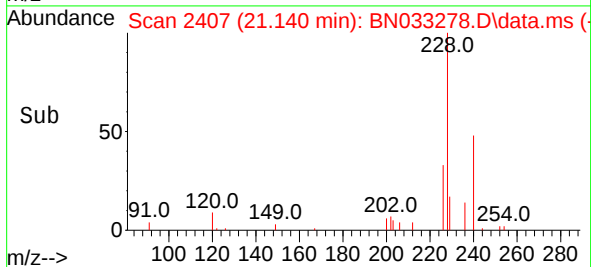
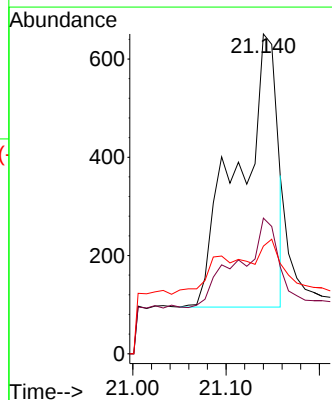
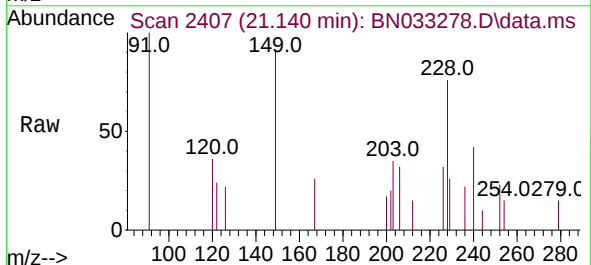


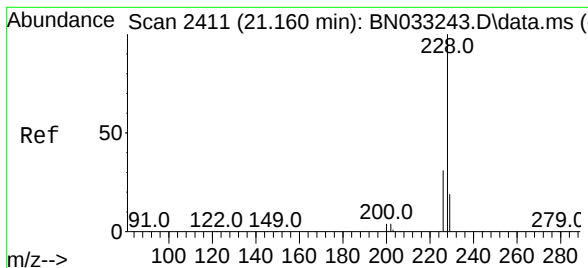
Tgt Ion:244 Resp: 7156
Ion Ratio Lower Upper
244 100
212 11.3 9.9 14.9
122 17.7 14.1 21.1



#32
Benzo(a)anthracene
Concen: 0.076 ng
RT: 21.140 min Scan# 2407
Delta R.T. 0.024 min
Lab File: BN033278.D
Acq: 06 Aug 2024 17:59

Tgt Ion:228 Resp: 1631
Ion Ratio Lower Upper
228 100
226 42.4 22.4 33.6#
229 33.6 16.6 25.0#





#33

Chrysene

Concen: 0.061 ng

RT: 21.140 min Scan# 2411

Delta R.T. -0.020 min

Lab File: BN033278.D

Acq: 06 Aug 2024 17:59

Instrument :

BNA_N

ClientSampleId :

919-J-WS-080224

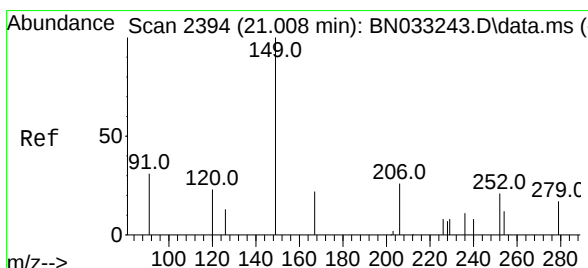
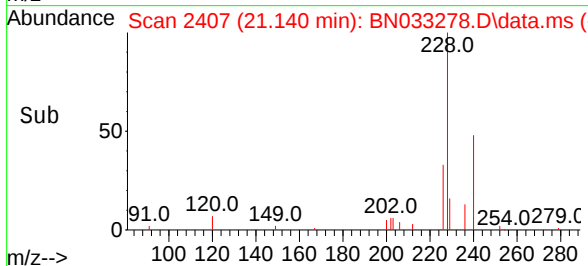
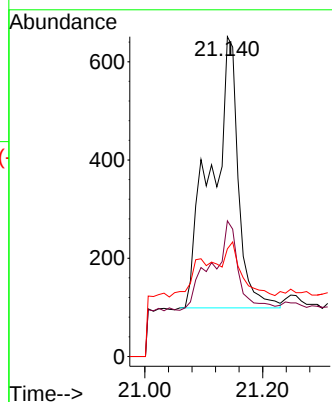
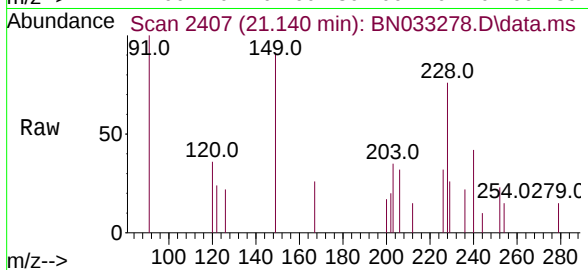
Tgt Ion:228 Resp: 1752

Ion Ratio Lower Upper

228 100

226 42.4 25.1 37.7#

229 33.6 16.2 24.2#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.256 ng

RT: 21.006 min Scan# 2392

Delta R.T. -0.002 min

Lab File: BN033278.D

Acq: 06 Aug 2024 17:59

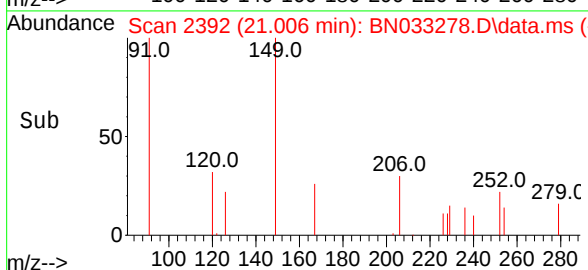
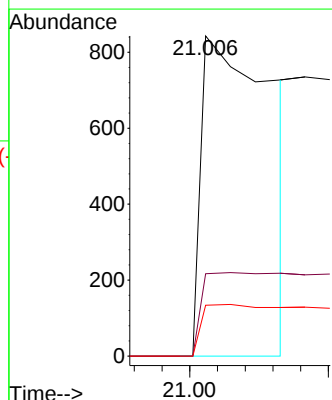
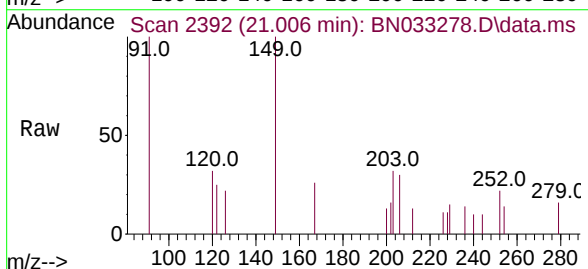
Tgt Ion:149 Resp: 1325

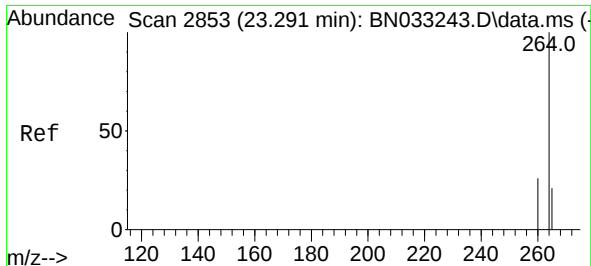
Ion Ratio Lower Upper

149 100

167 37.0 19.8 29.6#

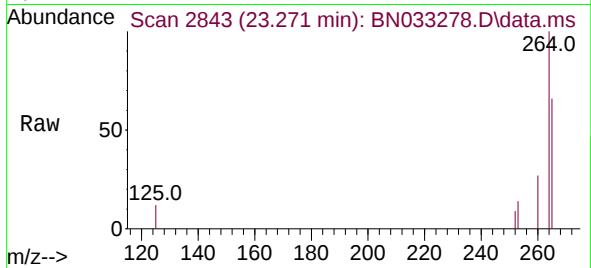
279 32.2 8.2 12.4#



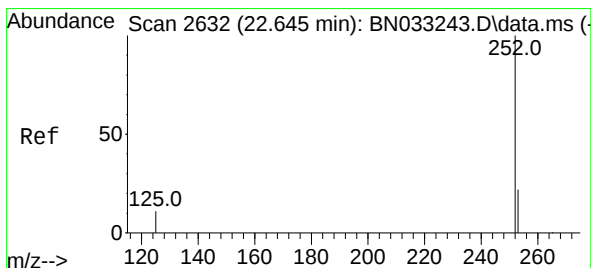
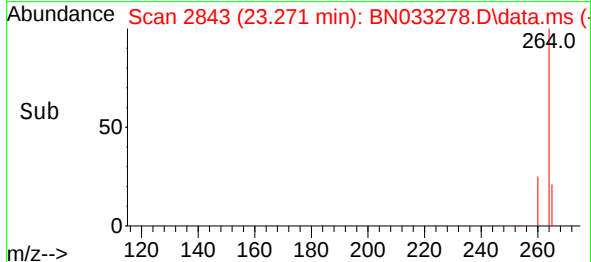
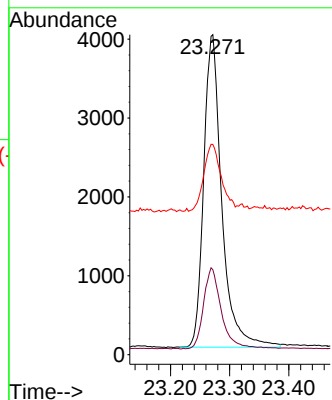


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.271 min Scan# 21
Delta R.T. -0.020 min
Lab File: BN033278.D
Acq: 06 Aug 2024 17:59

Instrument :
BNA_N
ClientSampleId :
919-J-WS-080224

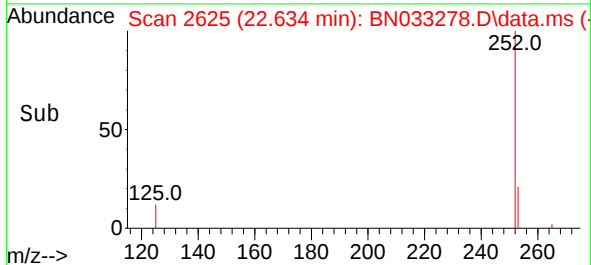
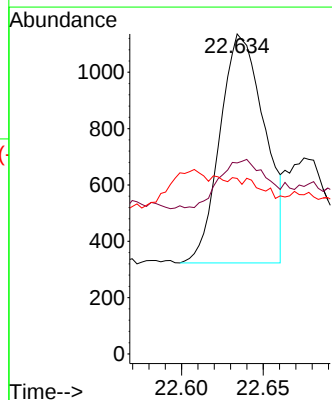
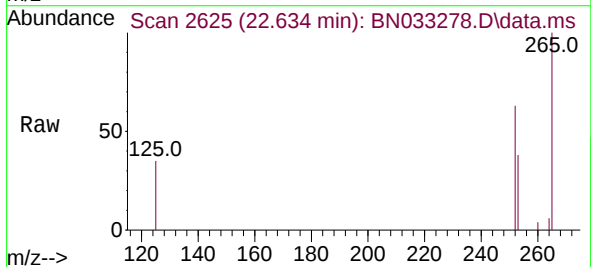


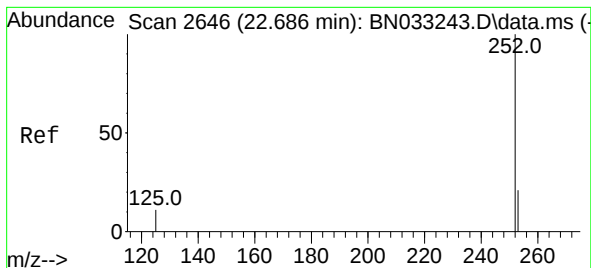
Tgt Ion:264 Resp: 8396
Ion Ratio Lower Upper
264 100
260 26.6 21.4 32.2
265 65.7 66.6 99.8#



#37
Benzo(b)fluoranthene
Concen: 0.061 ng
RT: 22.634 min Scan# 2625
Delta R.T. -0.011 min
Lab File: BN033278.D
Acq: 06 Aug 2024 17:59

Tgt Ion:252 Resp: 1546
Ion Ratio Lower Upper
252 100
253 59.7 23.3 34.9#
125 54.8 14.6 22.0#





#38

Benzo(k)fluoranthene

Concen: 0.049 ng

RT: 22.634 min Scan# 21

Delta R.T. -0.052 min

Lab File: BN033278.D

Acq: 06 Aug 2024 17:59

Instrument :

BNA_N

ClientSampleId :

919-J-WS-080224

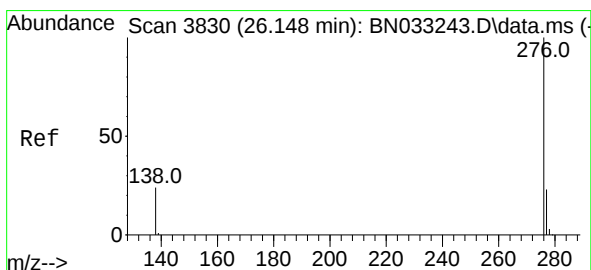
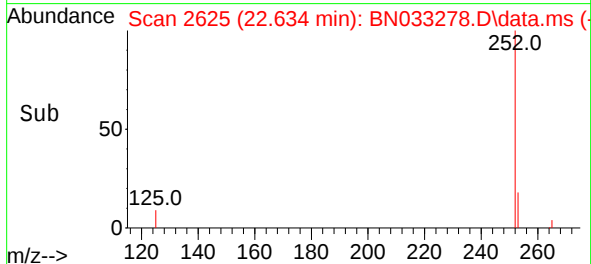
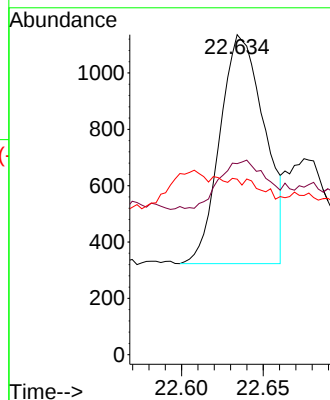
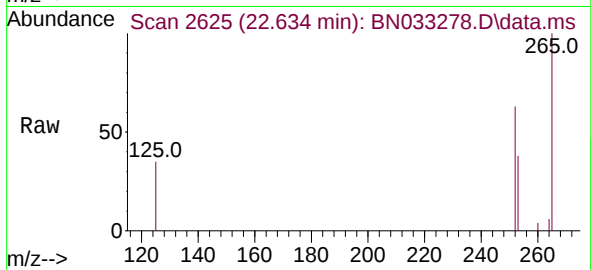
Tgt Ion:252 Resp: 1546

Ion Ratio Lower Upper

252 100

253 59.7 23.7 35.5#

125 54.8 15.4 23.0#



#41

Benzo(g,h,i)perylene

Concen: 0.022 ng

RT: 26.145 min Scan# 3826

Delta R.T. -0.002 min

Lab File: BN033278.D

Acq: 06 Aug 2024 17:59

Tgt Ion:276 Resp: 751

Ion Ratio Lower Upper

276 100

277 54.1 21.0 31.4#

138 62.8 21.4 32.0#

