

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033051.D
 Acq On : 28 Jul 2024 02:16
 Operator : MA/JU
 Sample : P3338-02
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-EB-20240718

Quant Time: Jul 29 01:11:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

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

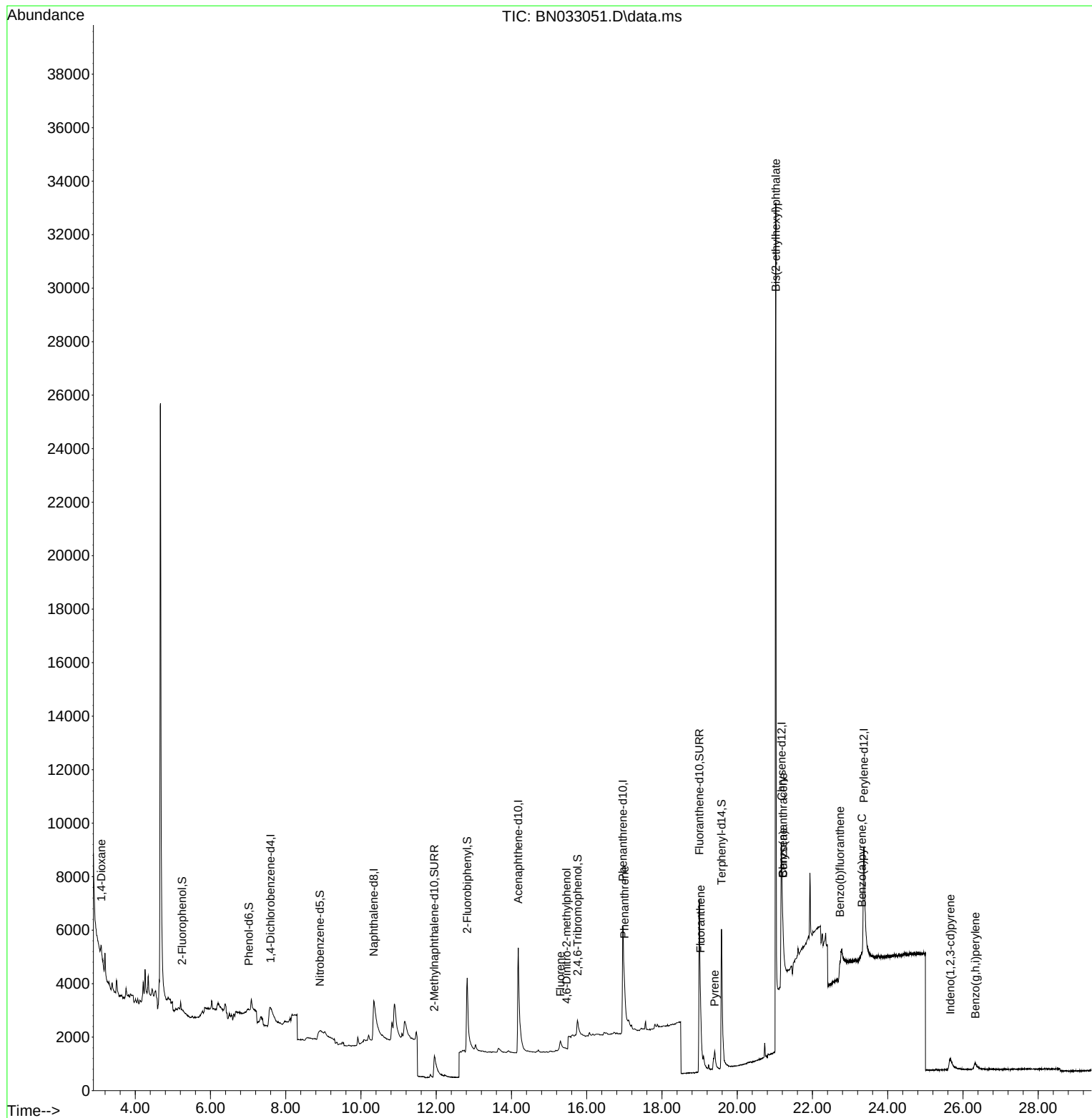
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	1611	0.400	ng	# 0.07
7) Naphthalene-d8	10.340	136	7878	0.400	ng	# 0.04
13) Acenaphthene-d10	14.179	164	4675	0.400	ng	0.00
19) Phenanthrene-d10	16.957	188	12065	0.400	ng	# 0.00
29) Chrysene-d12	21.178	240	10285	0.400	ng	0.01
35) Perylene-d12	23.367	264	10233	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.242	112	1154	0.283	ng	0.07
5) Phenol-d6	7.019	99	531	0.105	ng	0.24
8) Nitrobenzene-d5	8.909	82	1427	0.241	ng	0.18
11) 2-Methylnaphthalene-d10	11.950	152	3592	0.298	ng	0.04
14) 2,4,6-Tribromophenol	15.753	330	692	0.346	ng	0.03
15) 2-Fluorobiphenyl	12.822	172	5967	0.343	ng	0.01
27) Fluoranthene-d10	18.992	212	13103	0.420	ng	0.00
31) Terphenyl-d14	19.582	244	10407	0.494	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	430	0.215	ng	# 49
18) Fluorene	15.302	166	430	0.024	ng	# 88
20) 4,6-Dinitro-2-methylph...	15.462	198	2	0.294	ng	# 1
25) Phenanthrene	17.007	178	1517	0.046	ng	96
28) Fluoranthene	19.024	202	1556	0.039	ng	# 90
30) Pyrene	19.401	202	1054	0.025	ng	# 93
32) Benzo(a)anthracene	21.214	228	1441	0.044	ng	# 75
33) Chrysene	21.214	228	2141	0.055	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.026	149	30732	1.707	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.665	276	949	0.024	ng	# 60
37) Benzo(b)fluoranthene	22.730	252	764	0.021	ng	# 1
39) Benzo(a)pyrene	23.314	252	805	0.025	ng	# 1
41) Benzo(g,h,i)perylene	26.329	276	811	0.023	ng	# 15

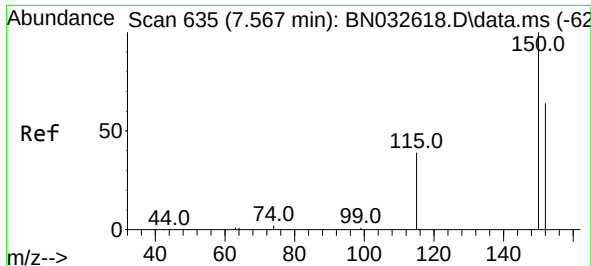
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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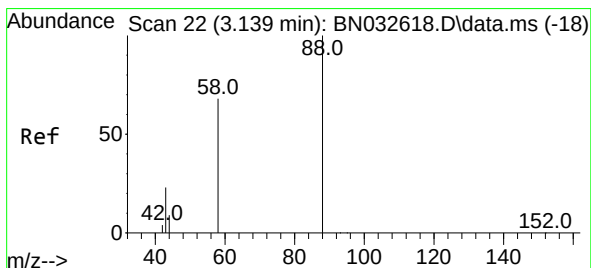
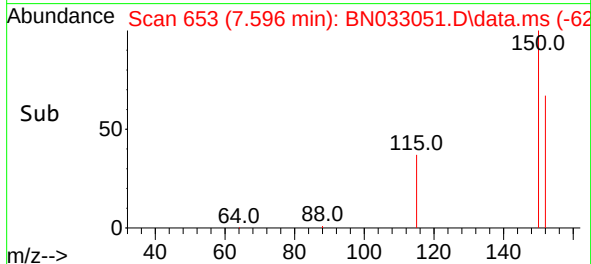
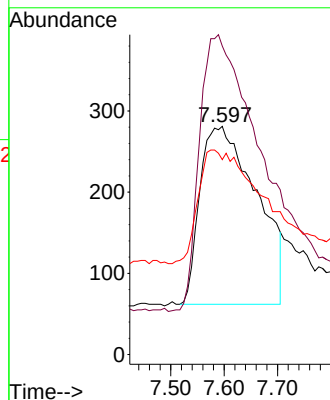
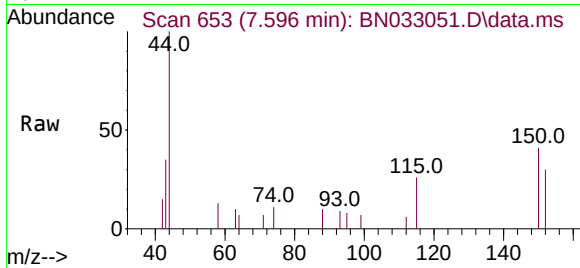




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.596 min Scan# 61
 Delta R.T. 0.066 min
 Lab File: BN033051.D
 Acq: 28 Jul 2024 02:16

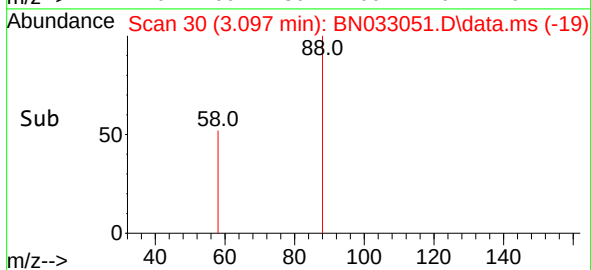
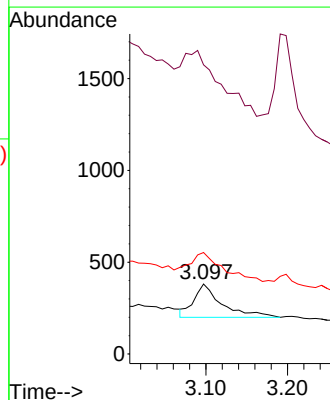
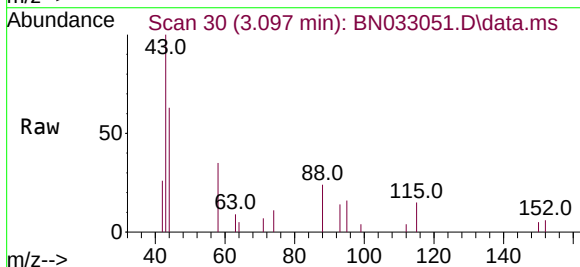
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-EB-20240718

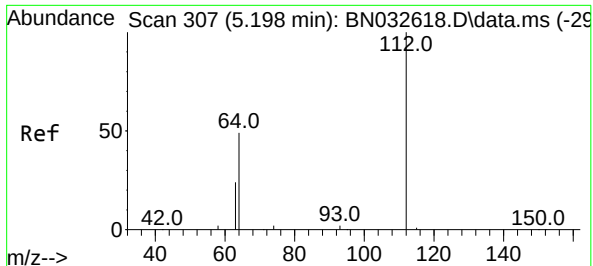
Tgt Ion:152 Resp: 1611
 Ion Ratio Lower Upper
 152 100
 150 135.2 123.8 185.6
 115 85.4 52.8 79.2#



#2
 1,4-Dioxane
 Concen: 0.215 ng
 RT: 3.097 min Scan# 30
 Delta R.T. -0.021 min
 Lab File: BN033051.D
 Acq: 28 Jul 2024 02:16

Tgt Ion: 88 Resp: 430
 Ion Ratio Lower Upper
 88 100
 43 0.0 18.4 27.6#
 58 101.2 49.2 73.8#

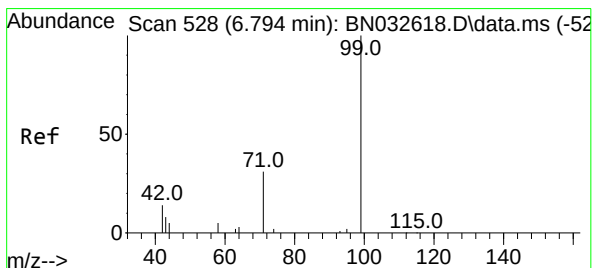
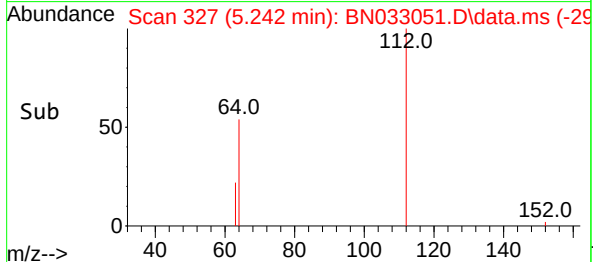
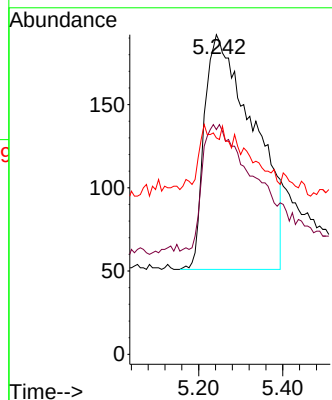
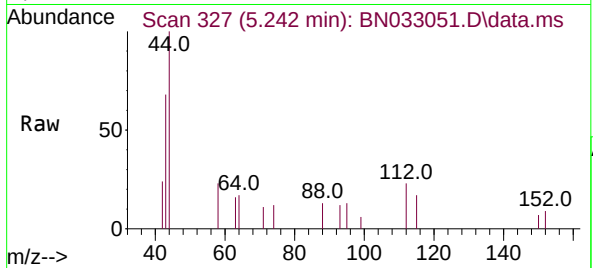




#4
2-Fluorophenol
Concen: 0.283 ng
RT: 5.242 min Scan# 31
Delta R.T. 0.066 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

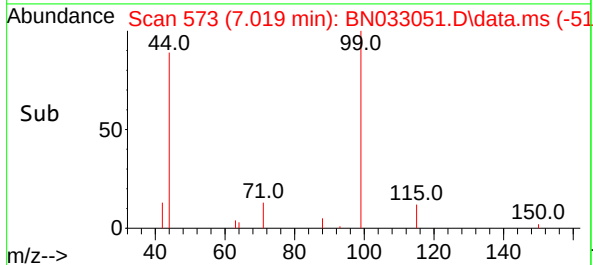
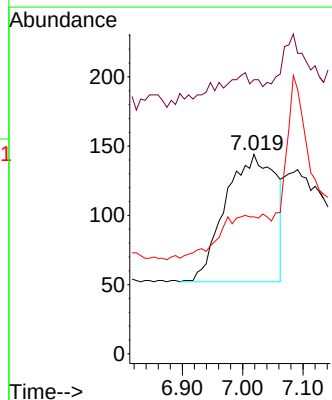
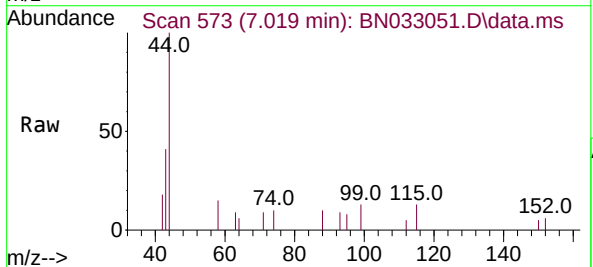
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240718

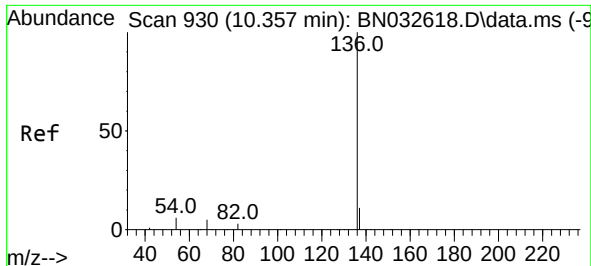
Tgt Ion:112 Resp: 1154
Ion Ratio Lower Upper
112 100
64 52.8 40.2 60.4
63 0.0 22.2 33.4#



#5
Phenol-d6
Concen: 0.105 ng
RT: 7.019 min Scan# 573
Delta R.T. 0.239 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

Tgt Ion: 99 Resp: 531
Ion Ratio Lower Upper
99 100
42 4.0 10.5 15.7#
71 26.2 22.3 33.5

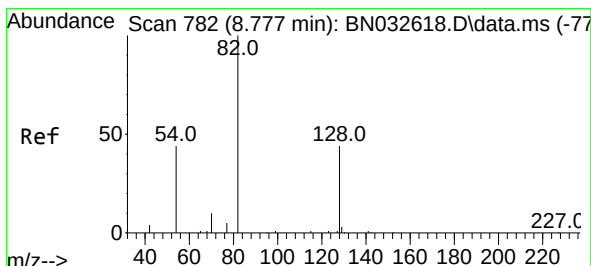
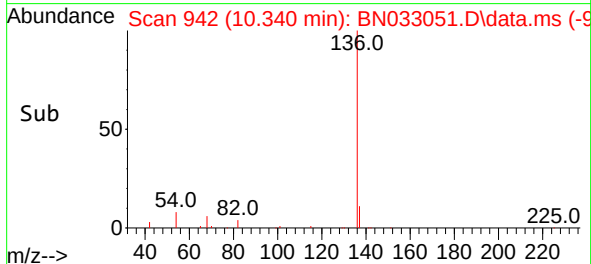
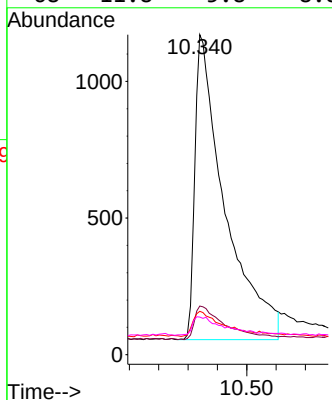
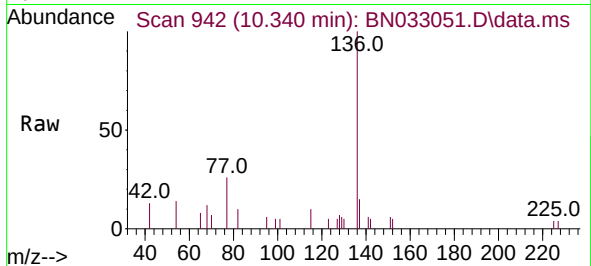




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 94
Delta R.T. 0.037 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

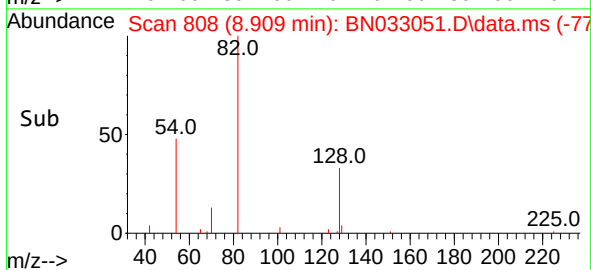
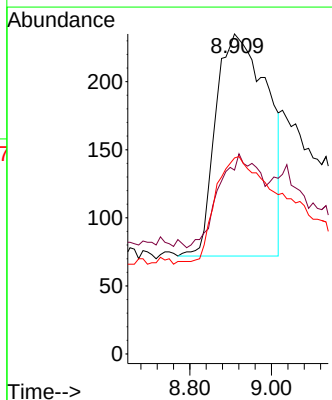
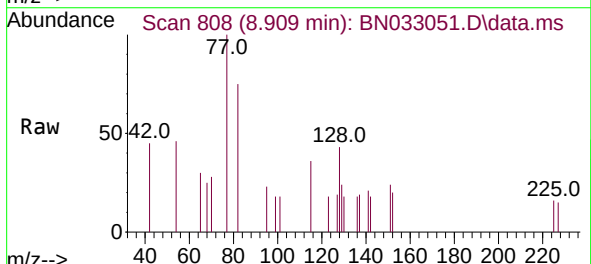
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240718

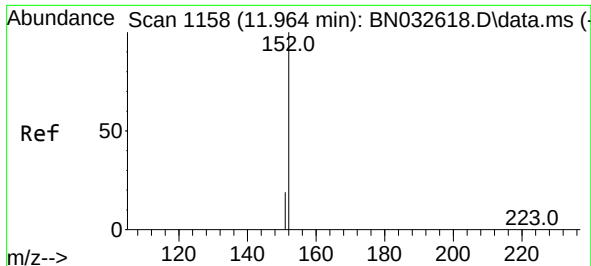
Tgt Ion:	136	Resp:	7878
Ion	Ratio	Lower	Upper
136	100		
137	15.2	9.9	14.9#
54	13.6	6.5	9.7#
68	11.8	5.8	8.8#



#8
Nitrobenzene-d5
Concen: 0.241 ng
RT: 8.909 min Scan# 808
Delta R.T. 0.175 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

Tgt Ion:	82	Resp:	1427
Ion	Ratio	Lower	Upper
82	100		
128	57.4	41.7	62.5
54	61.3	39.5	59.3#





#11

2-Methylnaphthalene-d10

Concen: 0.298 ng

RT: 11.950 min Scan# 1158

Delta R.T. 0.035 min

Lab File: BN033051.D

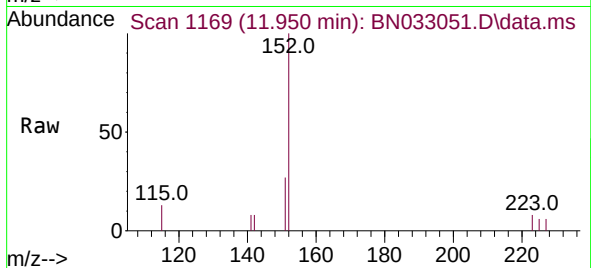
Acq: 28 Jul 2024 02:16

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-EB-20240718

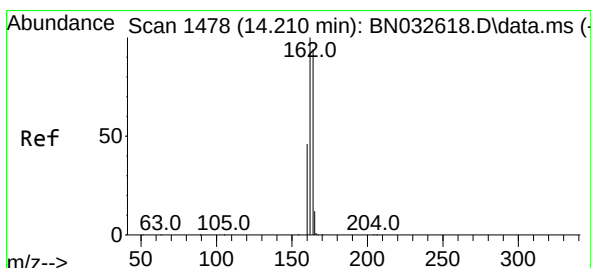
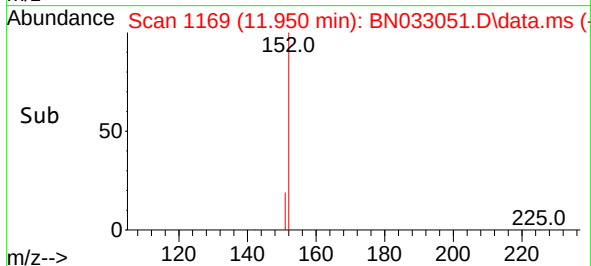
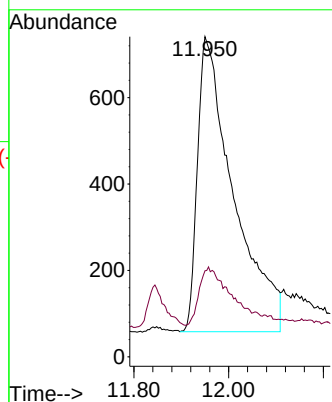


Tgt Ion:152 Resp: 3592

Ion Ratio Lower Upper

152 100

151 16.9 16.2 24.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.179 min Scan# 1490

Delta R.T. 0.001 min

Lab File: BN033051.D

Acq: 28 Jul 2024 02:16

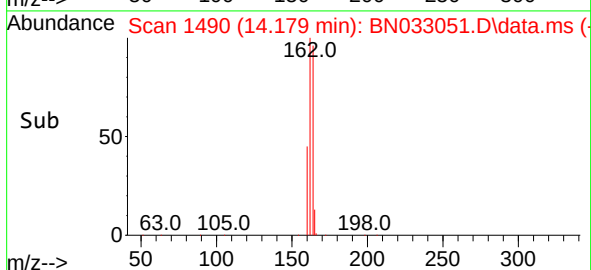
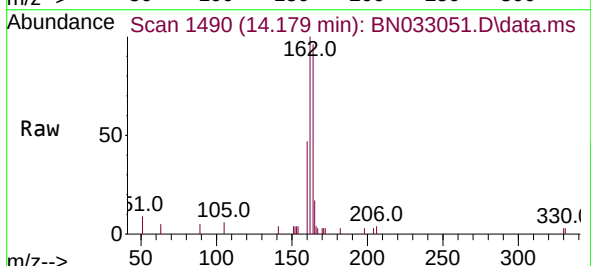
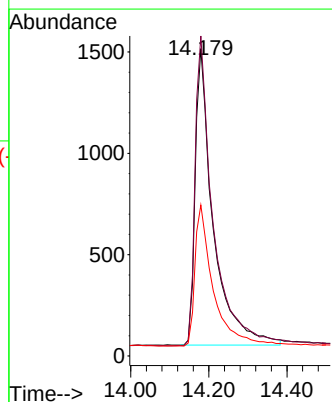
Tgt Ion:164 Resp: 4675

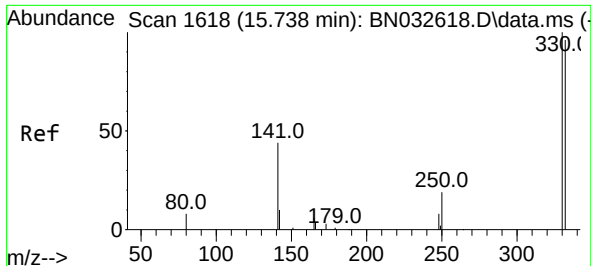
Ion Ratio Lower Upper

164 100

162 104.1 85.0 127.4

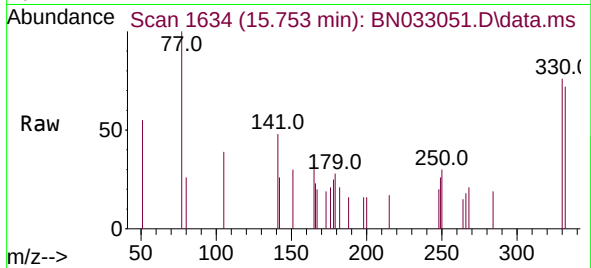
160 49.1 39.4 59.2



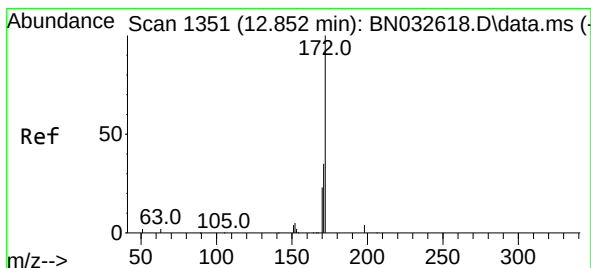
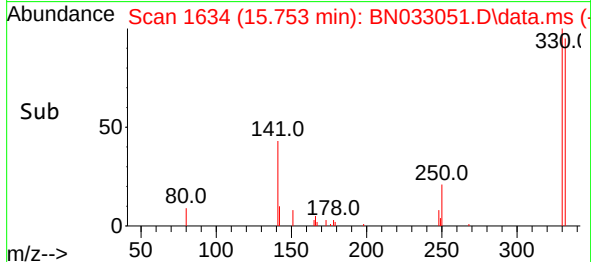
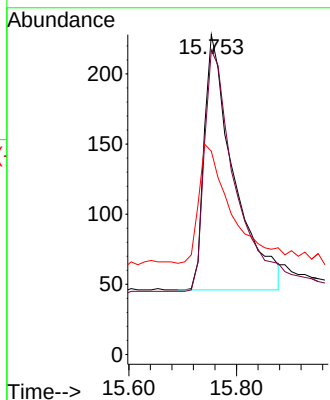


#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 15.753 min Scan# 1634
Delta R.T. 0.028 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240718

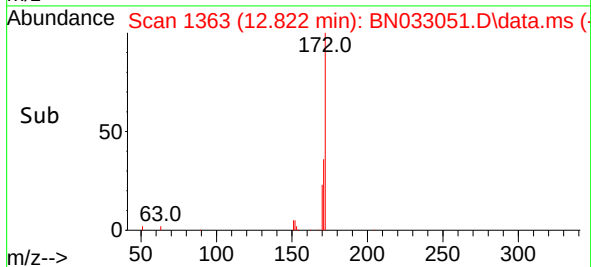
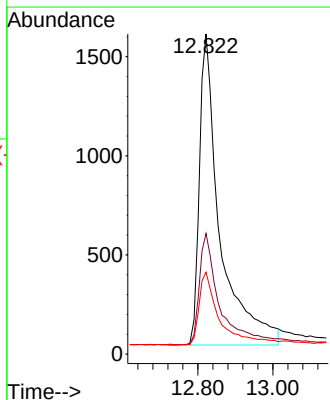
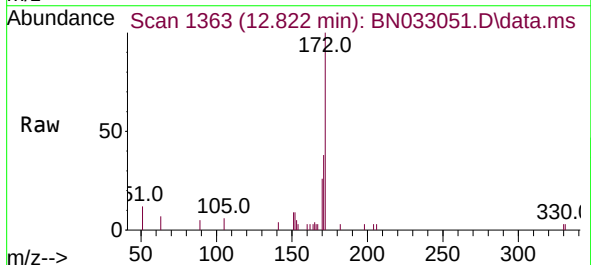


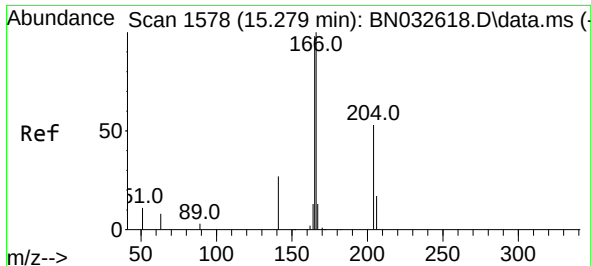
Tgt Ion:330 Resp: 692
Ion Ratio Lower Upper
330 100
332 98.4 77.8 116.8
141 49.6 34.2 51.2



#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 12.822 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

Tgt Ion:172 Resp: 5967
Ion Ratio Lower Upper
172 100
171 37.6 28.6 43.0
170 25.6 19.0 28.6

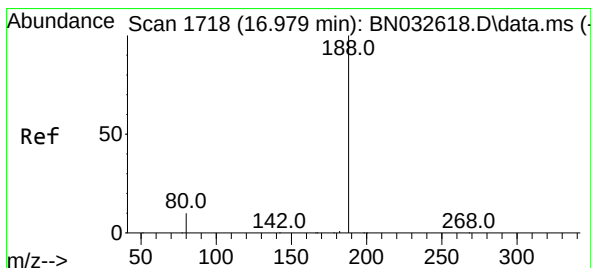
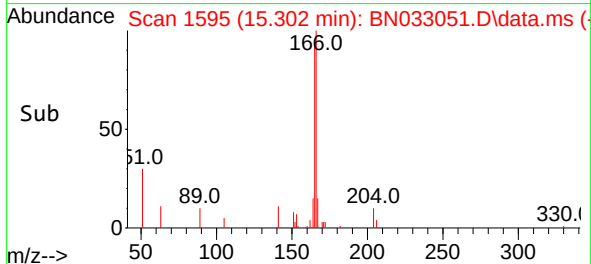
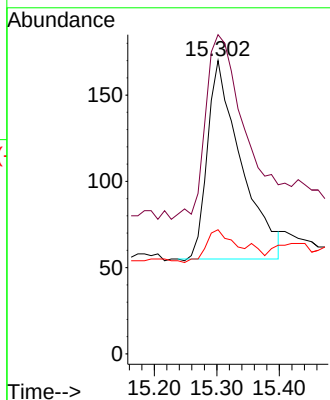
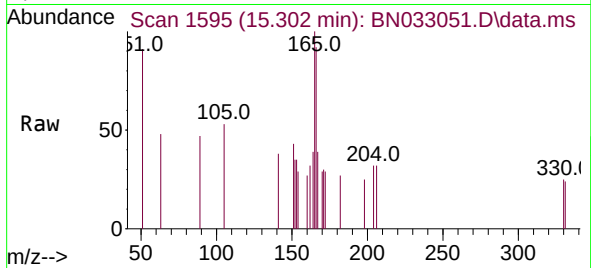




#18
Fluorene
Concen: 0.024 ng
RT: 15.302 min Scan# 11
Delta R.T. 0.055 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

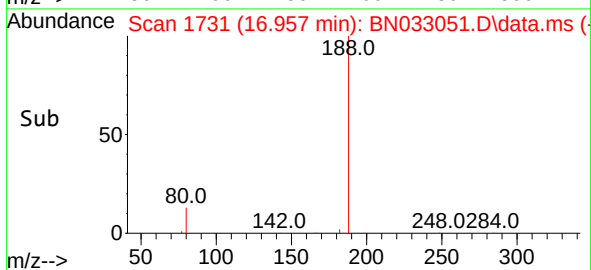
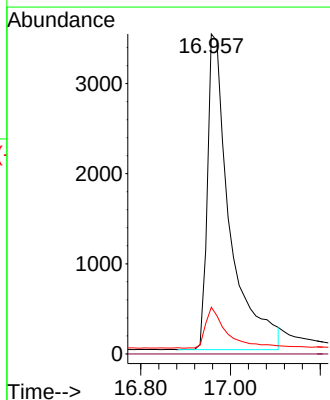
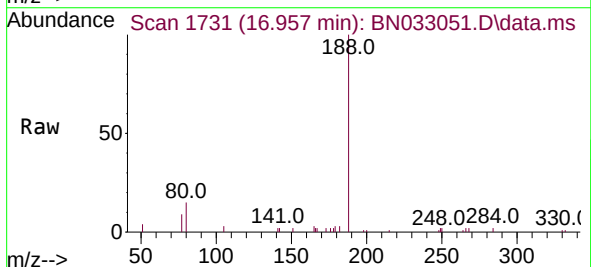
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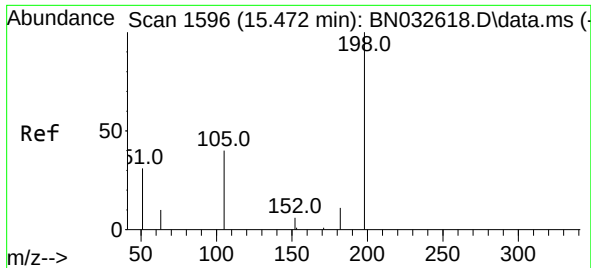
Tgt Ion:166 Resp: 430
Ion Ratio Lower Upper
166 100
165 109.3 78.0 117.0
167 17.2 10.7 16.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.957 min Scan# 1731
Delta R.T. 0.003 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

Tgt Ion:188 Resp: 12065
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.6 8.8 13.2#

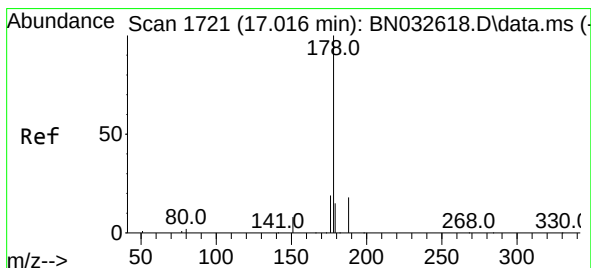
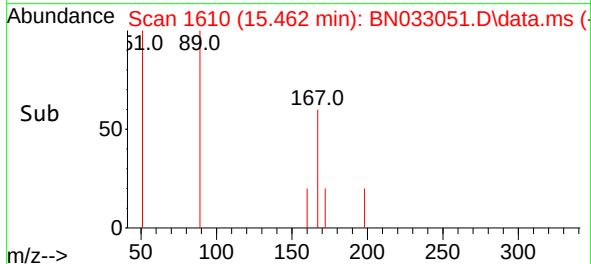
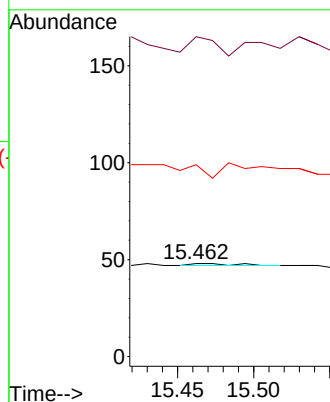
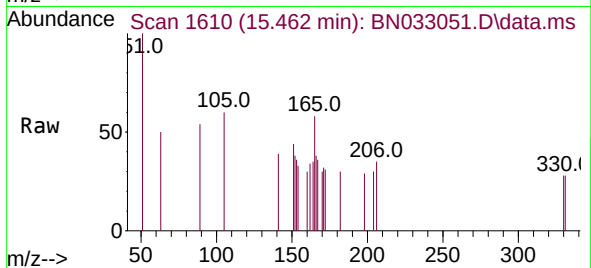




#20
4,6-Dinitro-2-methylphenol
Concen: 0.294 ng
RT: 15.462 min Scan# 1735
Delta R.T. -0.010 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

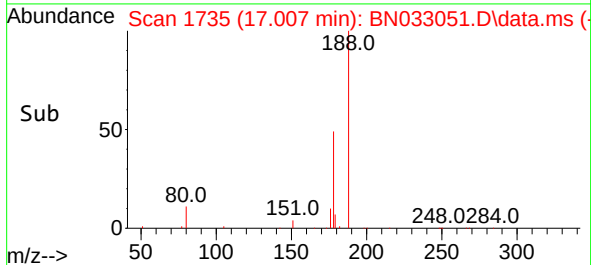
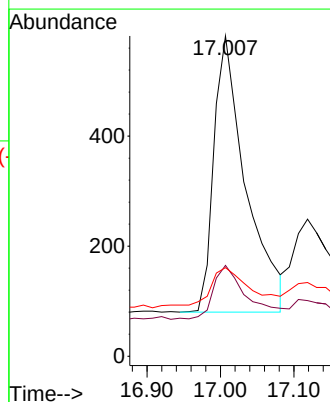
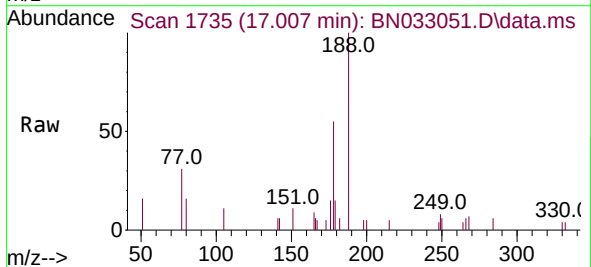
Instrument :
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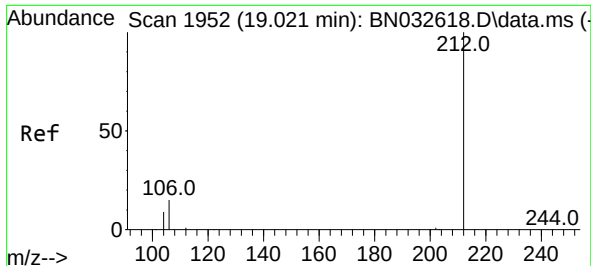
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 343.8 105.7 158.5#
105 206.3 63.0 94.6#



#25
Phenanthrene
Concen: 0.046 ng
RT: 17.007 min Scan# 1735
Delta R.T. 0.015 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

Tgt Ion:178 Resp: 1517
Ion Ratio Lower Upper
178 100
176 20.9 15.1 22.7
179 16.4 12.2 18.4

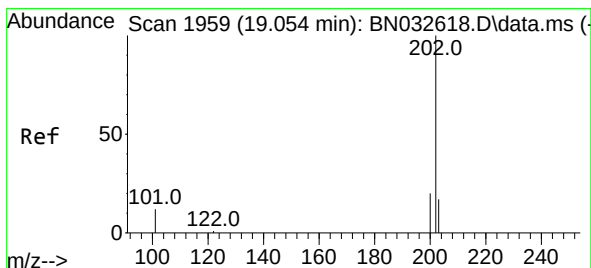
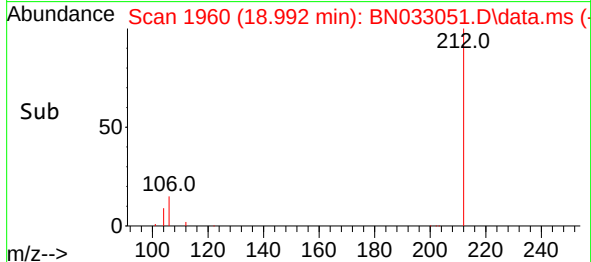
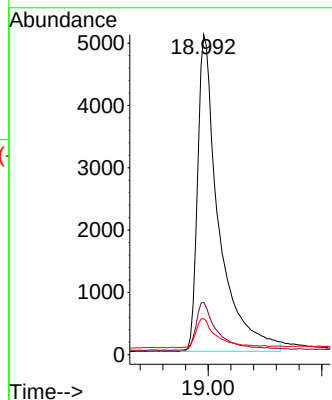
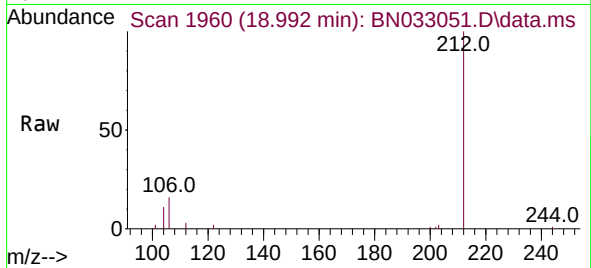




#27
Fluoranthene-d10
Concen: 0.420 ng
RT: 18.992 min Scan# 1960
Delta R.T. -0.002 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

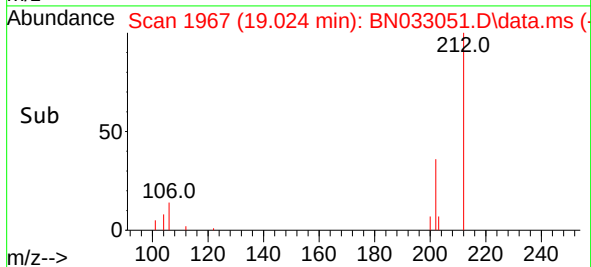
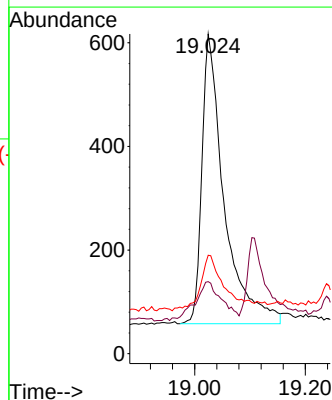
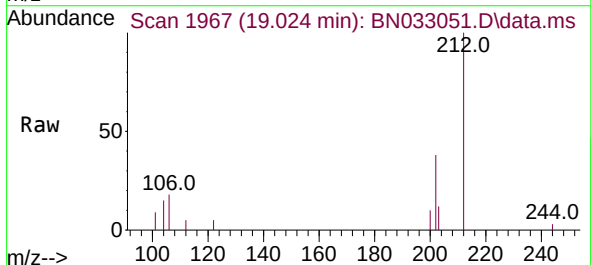
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240718

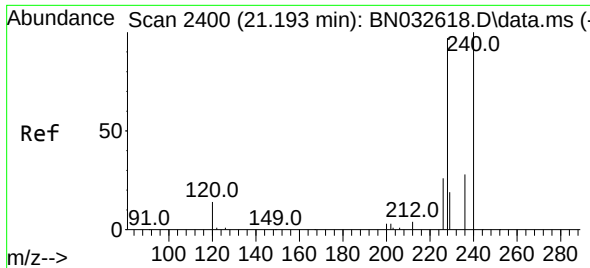
Tgt Ion:212 Resp: 13103
Ion Ratio Lower Upper
212 100
106 15.4 11.9 17.9
104 8.9 6.9 10.3



#28
Fluoranthene
Concen: 0.039 ng
RT: 19.024 min Scan# 1967
Delta R.T. 0.003 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

Tgt Ion:202 Resp: 1556
Ion Ratio Lower Upper
202 100
101 16.3 9.6 14.4#
203 21.0 13.8 20.6#

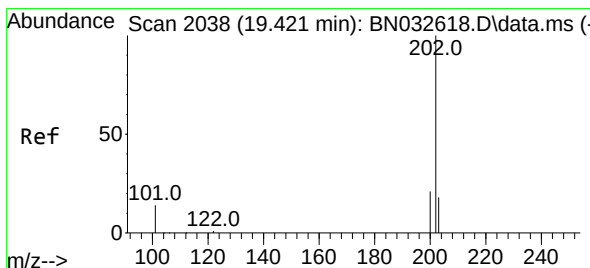
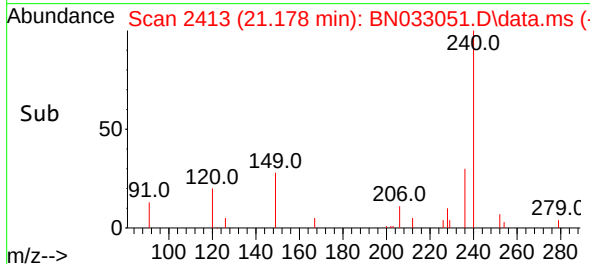
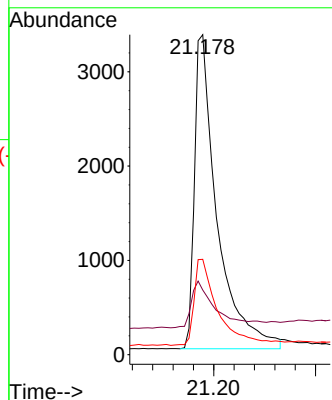
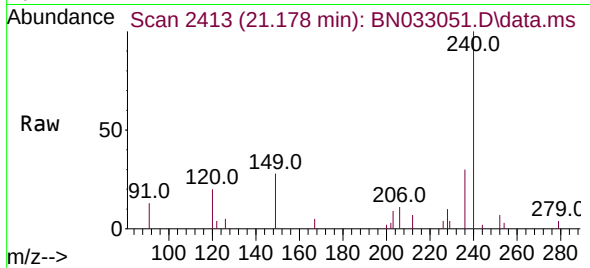




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.178 min Scan# 2413
Delta R.T. 0.012 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

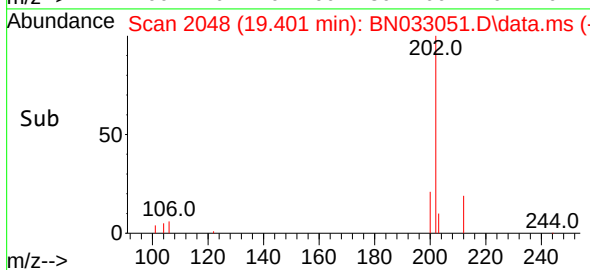
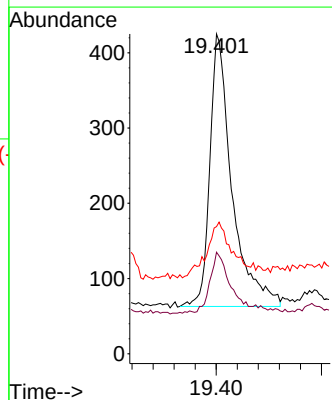
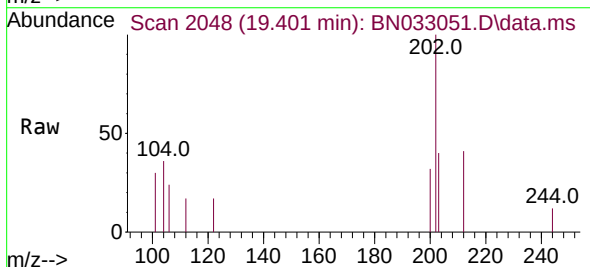
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240718

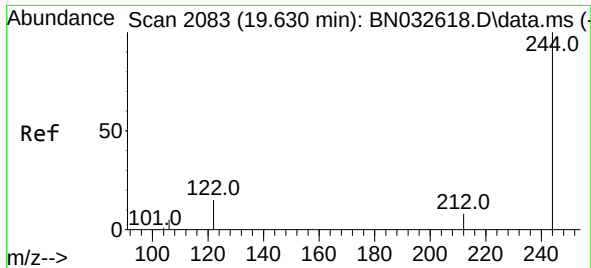
Tgt Ion:	240	Resp:	10285
Ion Ratio	Lower	Upper	
240	100		
120	20.2	14.8	22.2
236	29.8	23.3	34.9



#30
Pyrene
Concen: 0.025 ng
RT: 19.401 min Scan# 2048
Delta R.T. 0.012 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

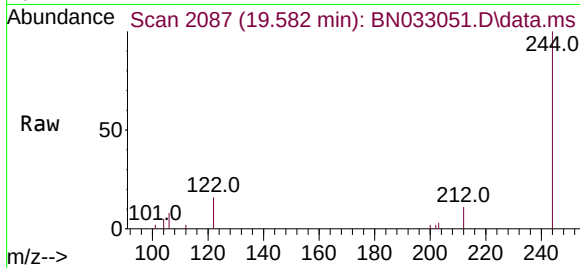
Tgt Ion:	202	Resp:	1054
Ion Ratio	Lower	Upper	
202	100		
200	19.6	16.6	25.0
203	23.5	14.8	22.2



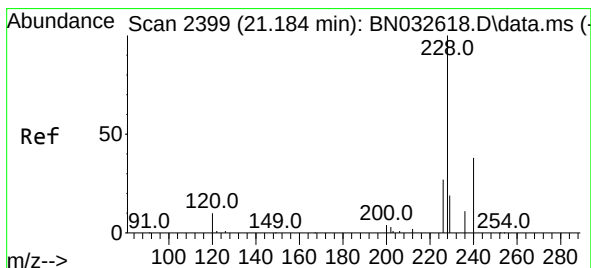
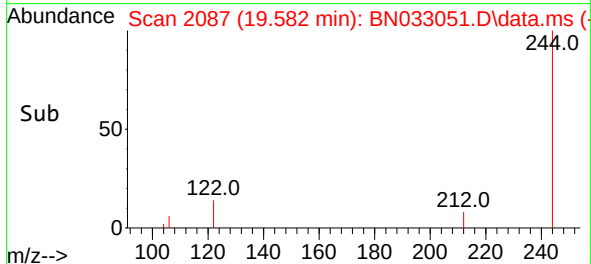
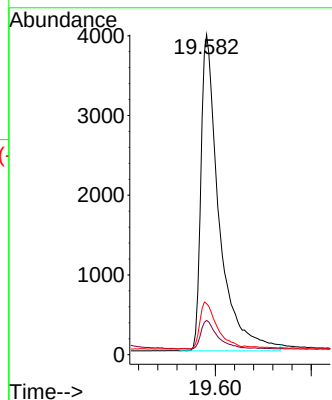


#31
Terphenyl-d14
Concen: 0.494 ng
RT: 19.582 min Scan# 2087
Delta R.T. -0.011 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240718

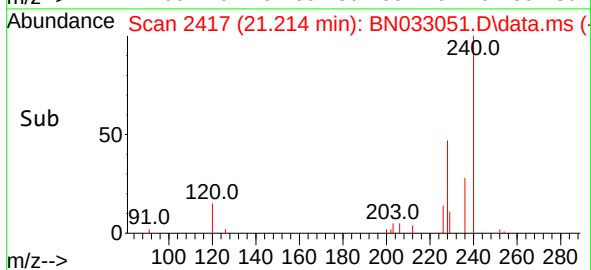
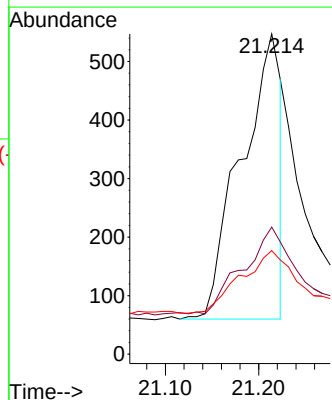
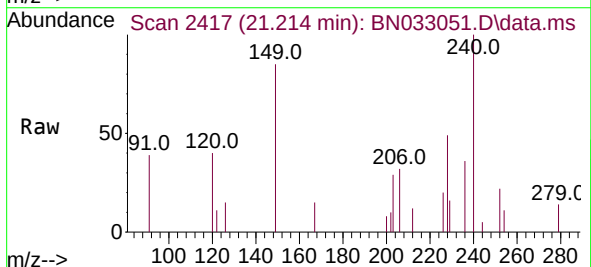


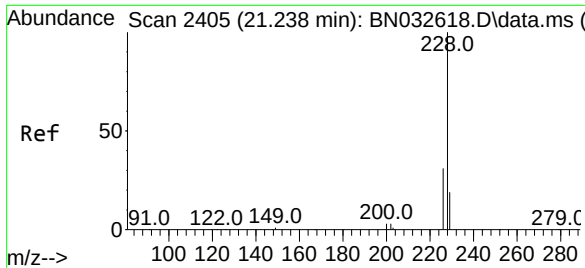
Tgt Ion:244 Resp: 10407
Ion Ratio Lower Upper
244 100
212 10.7 7.5 11.3
122 15.9 12.6 19.0



#32
Benzo(a)anthracene
Concen: 0.044 ng
RT: 21.214 min Scan# 2417
Delta R.T. 0.066 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

Tgt Ion:228 Resp: 1441
Ion Ratio Lower Upper
228 100
226 39.7 21.8 32.6#
229 32.4 16.0 24.0#

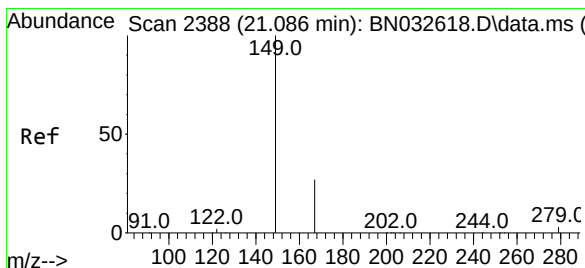
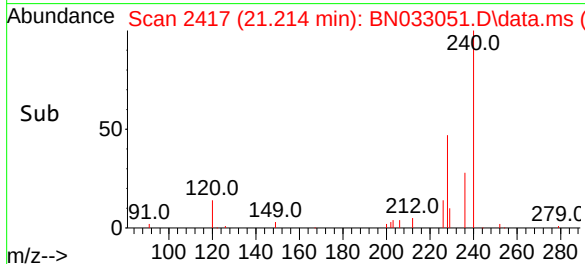
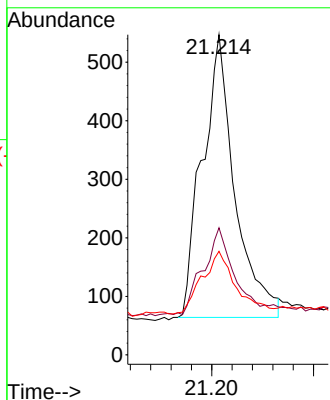
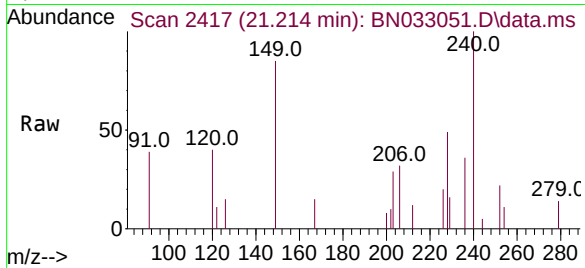




#33
Chrysene
Concen: 0.055 ng
RT: 21.214 min Scan# 2417
Delta R.T. 0.012 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

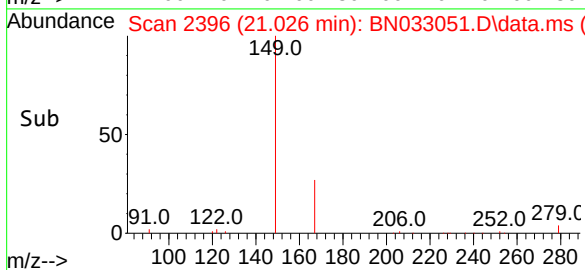
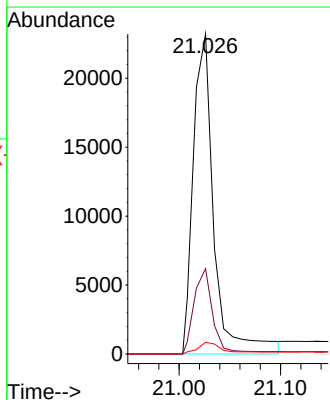
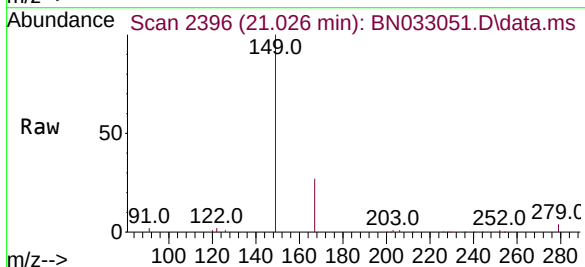
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240718

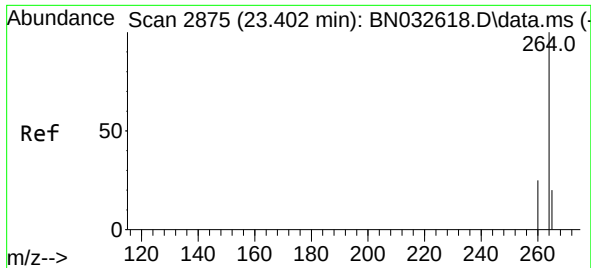
Tgt Ion:228 Resp: 2141
Ion Ratio Lower Upper
228 100
226 39.7 24.2 36.2#
229 32.4 16.0 24.0#



#34
Bis(2-ethylhexyl)phthalate
Concen: 1.707 ng
RT: 21.026 min Scan# 2396
Delta R.T. -0.024 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

Tgt Ion:149 Resp: 30732
Ion Ratio Lower Upper
149 100
167 26.6 21.4 32.2
279 4.8 2.8 4.2#

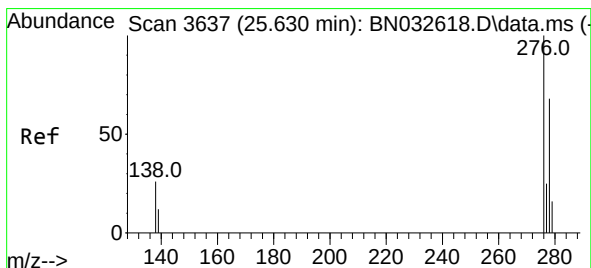
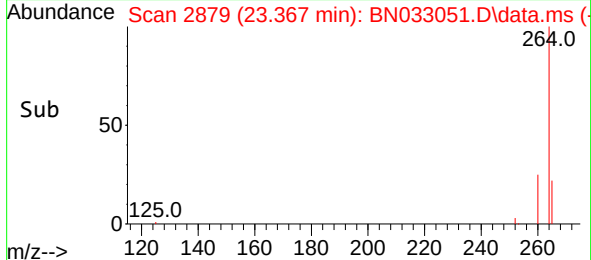
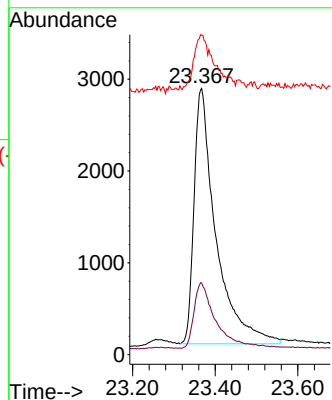
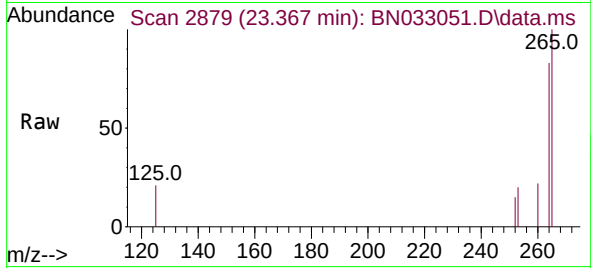




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.367 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

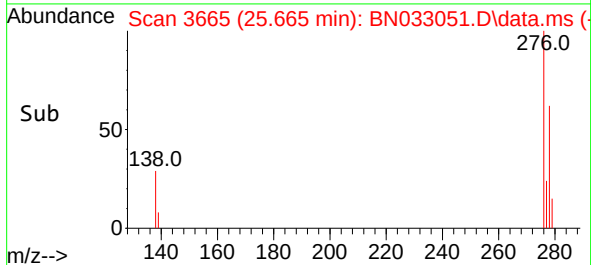
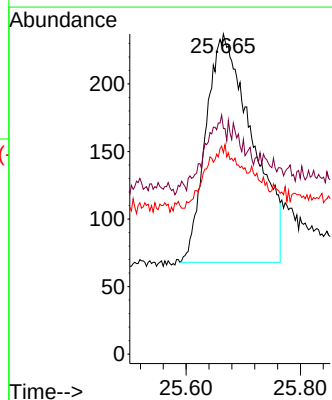
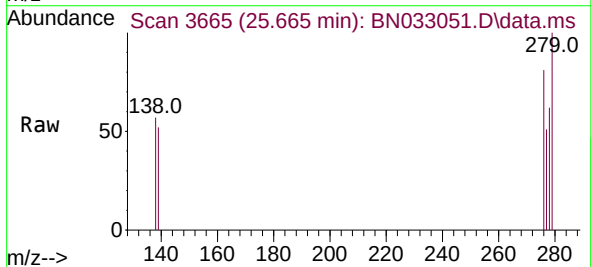
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240718

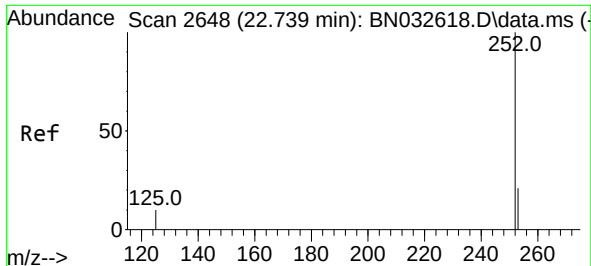
Tgt Ion:264 Resp: 10233
Ion Ratio Lower Upper
264 100
260 26.9 20.9 31.3
265 119.9 85.4 128.2



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng
RT: 25.665 min Scan# 3665
Delta R.T. 0.096 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

Tgt Ion:276 Resp: 949
Ion Ratio Lower Upper
276 100
138 9.7 21.0 31.4#
277 0.0 19.5 29.3#

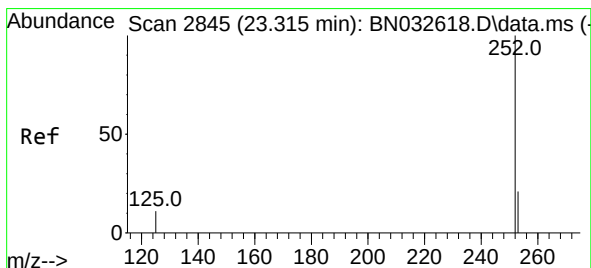
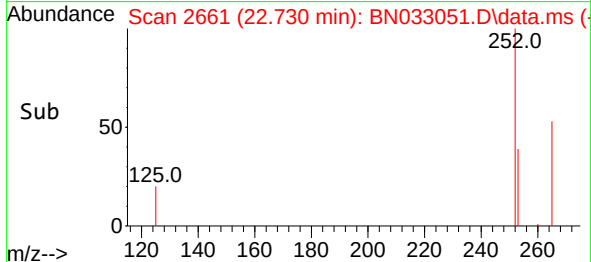
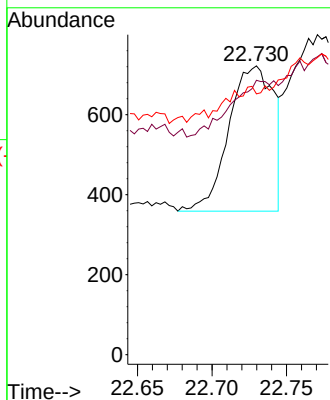
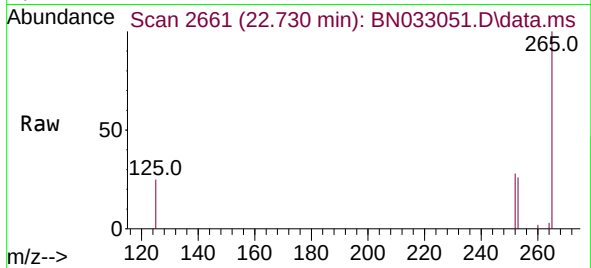




#37
Benzo(b)fluoranthene
Concen: 0.021 ng
RT: 22.730 min Scan# 2061
Delta R.T. 0.029 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

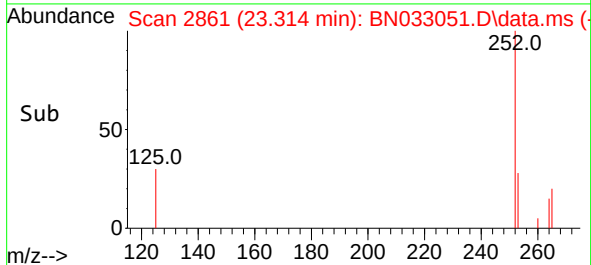
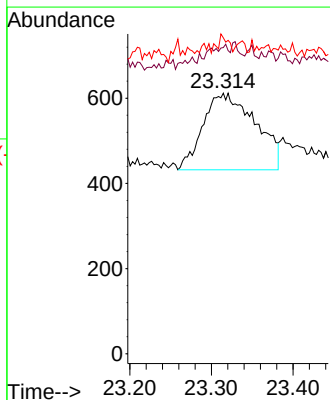
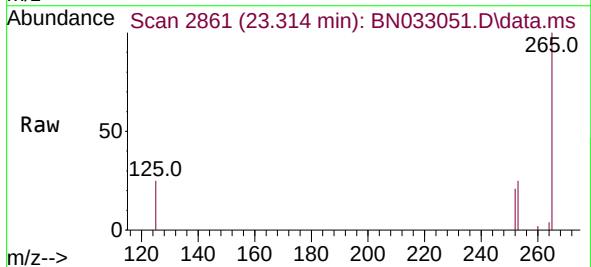
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240718

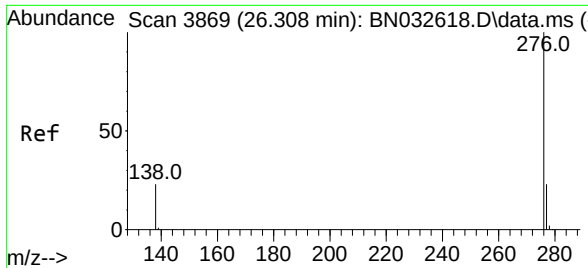
Tgt Ion:252 Resp: 764
Ion Ratio Lower Upper
252 100
253 95.0 22.3 33.5#
125 90.3 15.4 23.2#



#39
Benzo(a)pyrene
Concen: 0.025 ng
RT: 23.314 min Scan# 2861
Delta R.T. 0.047 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

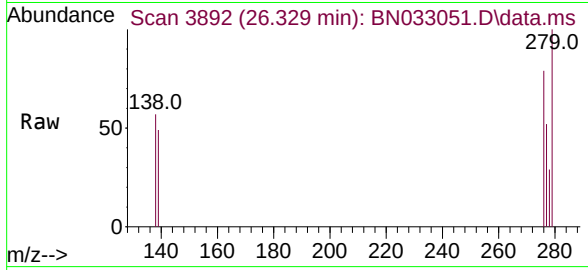
Tgt Ion:252 Resp: 805
Ion Ratio Lower Upper
252 100
253 117.5 25.8 38.8#
125 121.2 21.4 32.2#





#41
 Benzo(g,h,i)perylene
 Concen: 0.023 ng
 RT: 26.329 min Scan# 3892
 Delta R.T. 0.079 min
 Lab File: BN033051.D
 Acq: 28 Jul 2024 02:16

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-EB-20240718



Tgt Ion: 276 Resp: 811

Ion	Ratio	Lower	Upper
276	100		
277	65.0	20.2	30.2#
138	71.7	20.5	30.7#

