

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
 Data File : BN028375.D
 Acq On : 24 Oct 2023 13:09
 Operator : MA/JU
 Sample : 04913-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-5SR

Quant Time: Oct 25 01:04:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:14:08 2023
 Response via : Initial Calibration

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

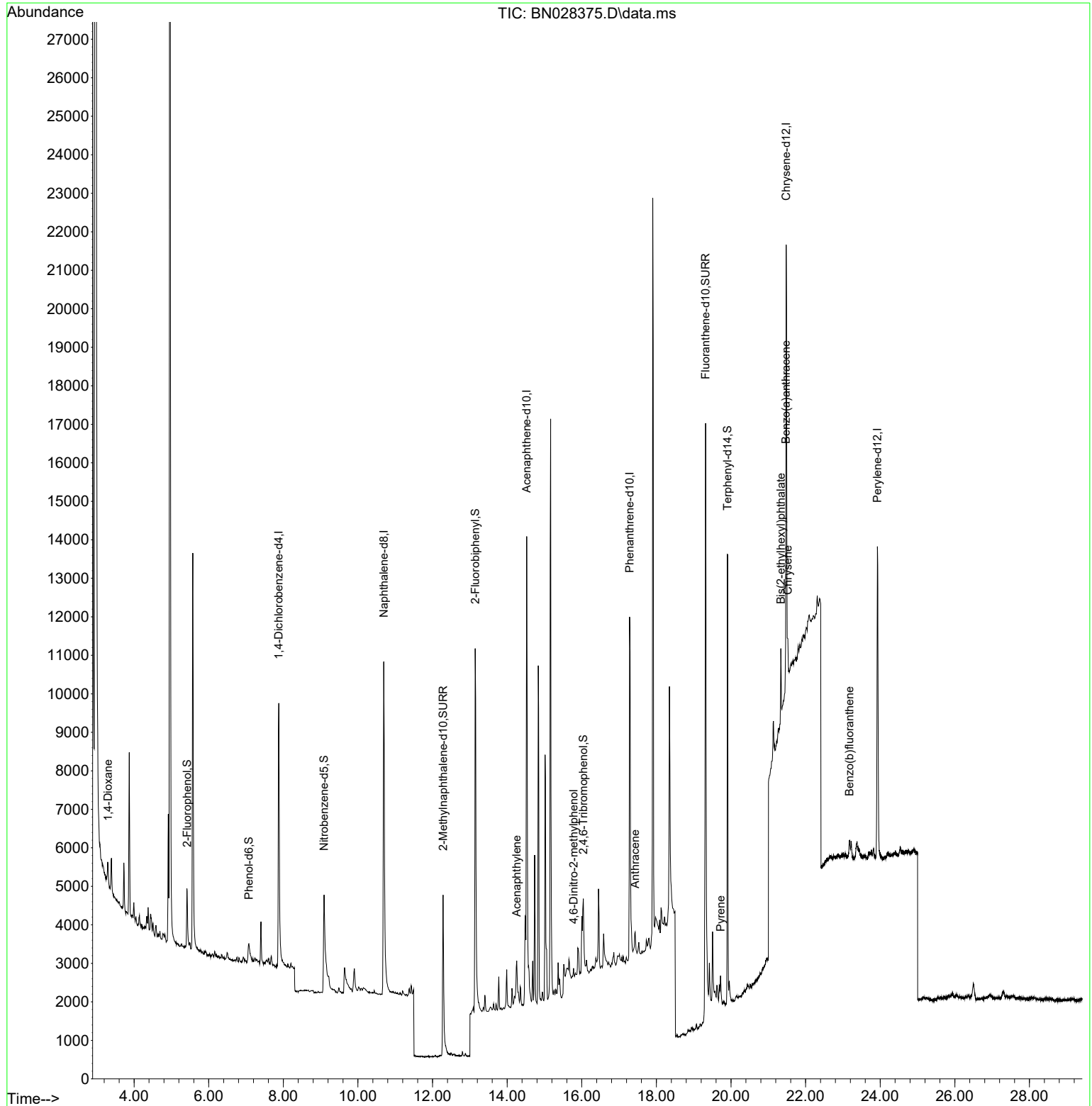
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	4226	0.400	ng	0.00
7) Naphthalene-d8	10.693	136	15233	0.400	ng	-0.01
13) Acenaphthene-d10	14.523	164	8735	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	15033	0.400	ng	#-0.01
29) Chrysene-d12	21.480	240	10570	0.400	ng	# 0.00
35) Perylene-d12	23.926	264	11678	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	1661	0.127	ng	0.00
5) Phenol-d6	7.077	99	1024	0.063	ng	0.02
8) Nitrobenzene-d5	9.091	82	4152	0.307	ng	-0.01
11) 2-Methylnaphthalene-d10	12.283	152	7976	0.348	ng	-0.01
14) 2,4,6-Tribromophenol	16.040	330	1250	0.293	ng	-0.02
15) 2-Fluorobiphenyl	13.144	172	11030	0.359	ng	-0.02
27) Fluoranthene-d10	19.319	212	14296	0.356	ng	0.00
31) Terphenyl-d14	19.909	244	12130	0.541	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	370	0.072	ng	# 1
16) Acenaphthylene	14.256	152	3503	0.089	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.780	198	205	0.378	ng	86
26) Anthracene	17.430	178	788	0.020	ng	# 84
30) Pyrene	19.718	202	833	0.023	ng	# 91
32) Benzo(a)anthracene	21.471	228	894	0.024	ng	# 1
33) Chrysene	21.524	228	822	0.023	ng	# 26
34) Bis(2-ethylhexyl)phtha...	21.336	149	2029	0.071	ng	93
37) Benzo(b)fluoranthene	23.177	252	743	0.020	ng	# 1

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

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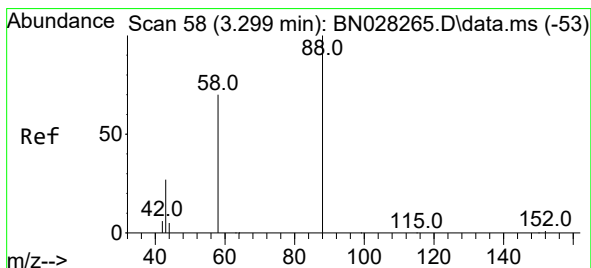
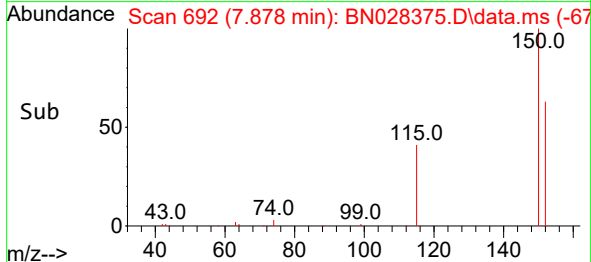
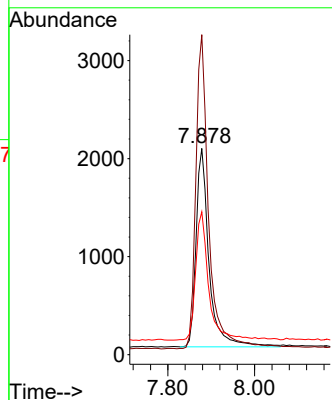
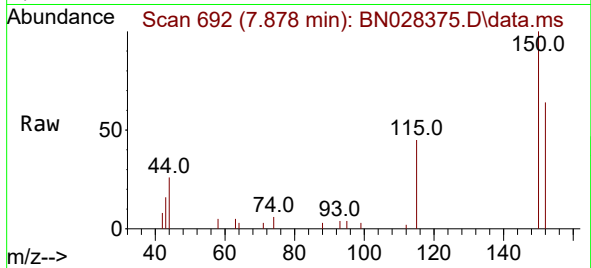




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.878 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: BN028375.D
 Acq: 24 Oct 2023 13:09

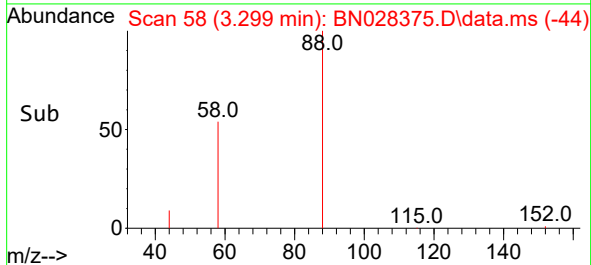
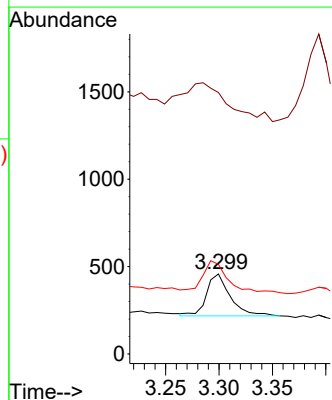
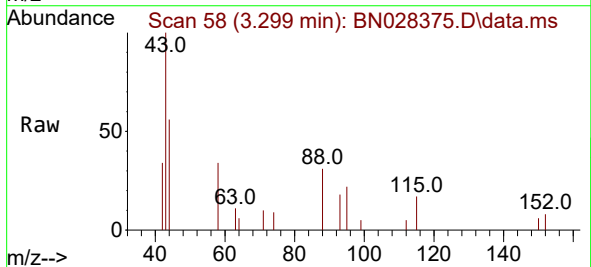
Instrument :
 BNA_N
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 MW-5SR

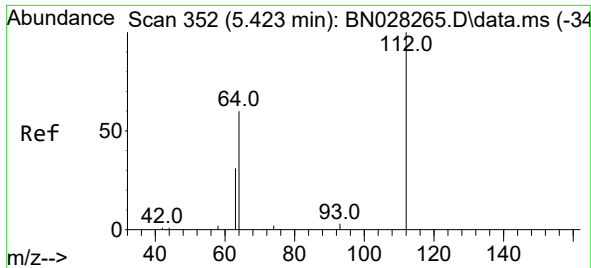
Tgt Ion:152 Resp: 4226
 Ion Ratio Lower Upper
 152 100
 150 155.1 121.6 182.4
 115 69.3 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.072 ng
 RT: 3.299 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: BN028375.D
 Acq: 24 Oct 2023 13:09

Tgt Ion: 88 Resp: 370
 Ion Ratio Lower Upper
 88 100
 43 190.3 26.6 39.8#
 58 79.7 55.4 83.0

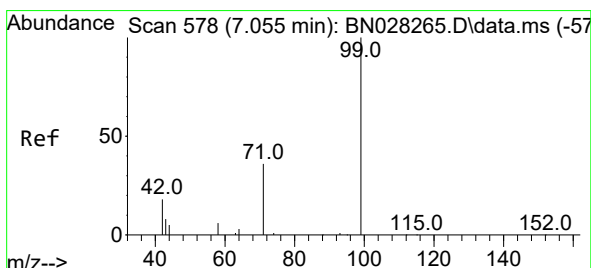
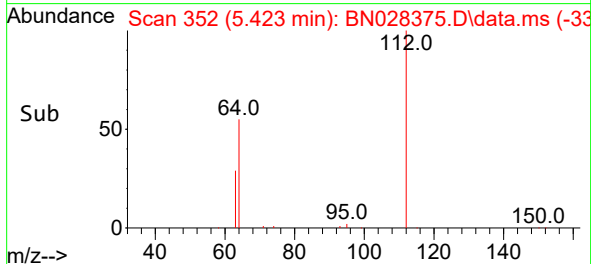
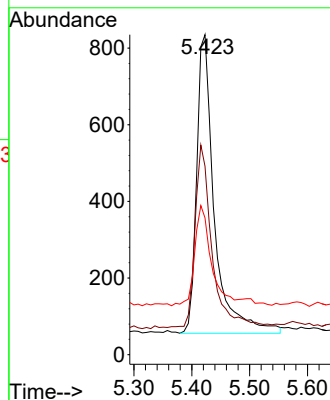
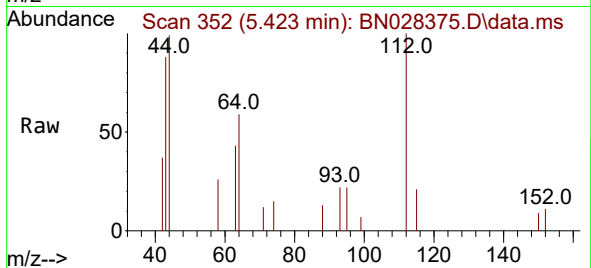




#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.423 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN028375.D
Acq: 24 Oct 2023 13:09

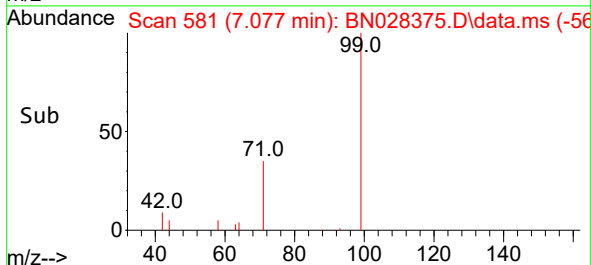
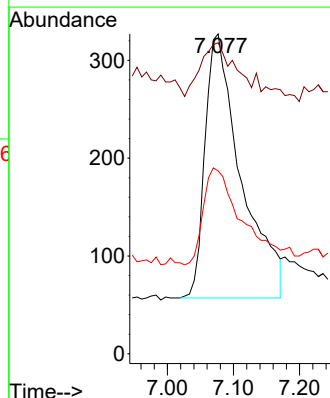
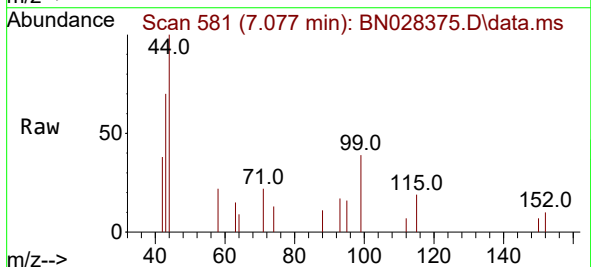
Instrument :
BNA_N
ClientSampleId :
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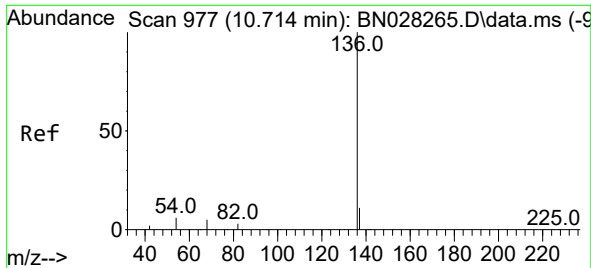
Tgt Ion:	112	Resp:	1661
Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.9	70.3
63	31.3	25.0	37.4



#5
Phenol-d6
Concen: 0.063 ng
RT: 7.077 min Scan# 581
Delta R.T. 0.022 min
Lab File: BN028375.D
Acq: 24 Oct 2023 13:09

Tgt Ion:	99	Resp:	1024
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.9	23.9
71	38.8	28.6	42.8

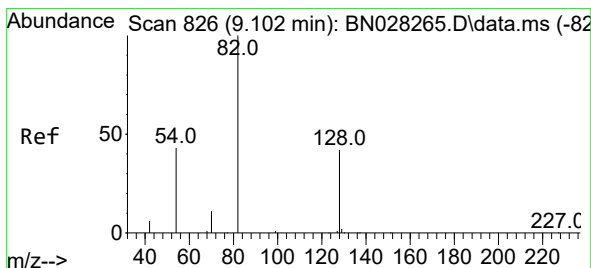
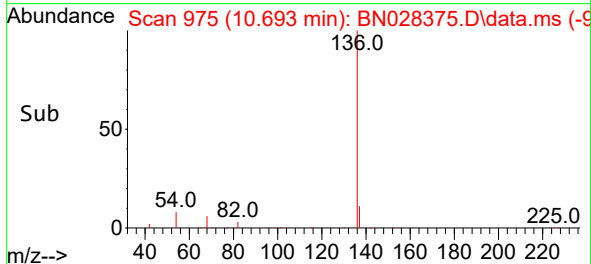
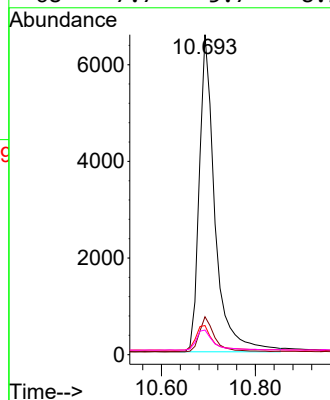
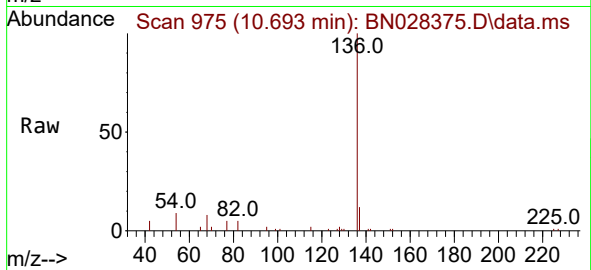




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.693 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN028375.D
Acq: 24 Oct 2023 13:09

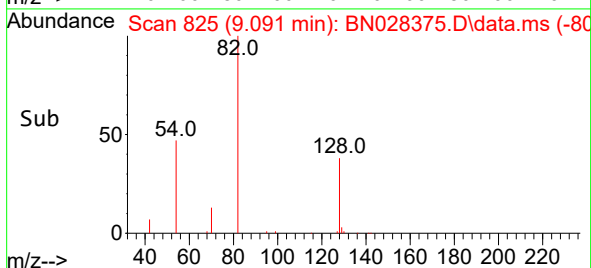
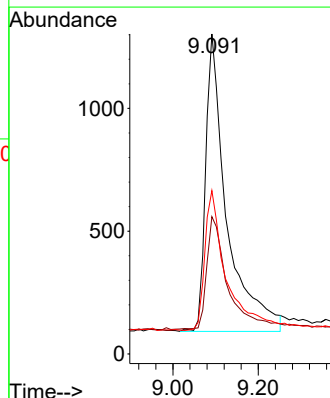
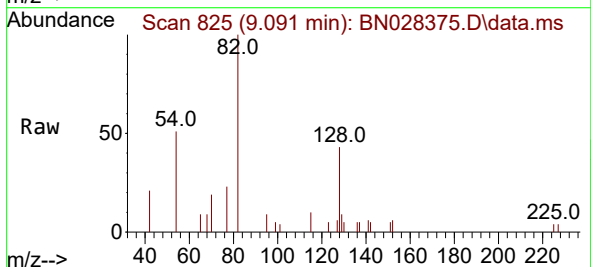
Instrument :
BNA_N
ClientSampleId :
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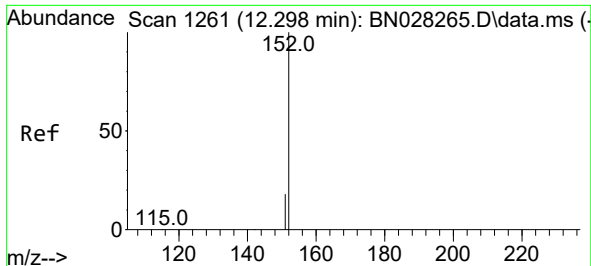
Tgt Ion:136	Resp:	15233
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.8 14.8
54	9.1	6.2 9.4
68	7.7	5.7 8.5



#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 9.091 min Scan# 825
Delta R.T. -0.011 min
Lab File: BN028375.D
Acq: 24 Oct 2023 13:09

Tgt Ion: 82	Resp:	4152
Ion Ratio	Lower	Upper
82	100	
128	42.9	36.8 55.2
54	51.0	37.4 56.2

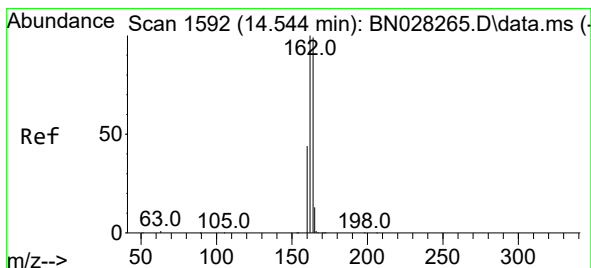
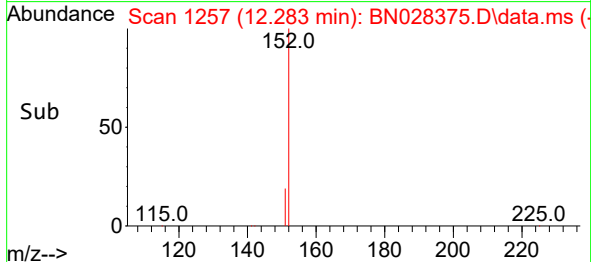
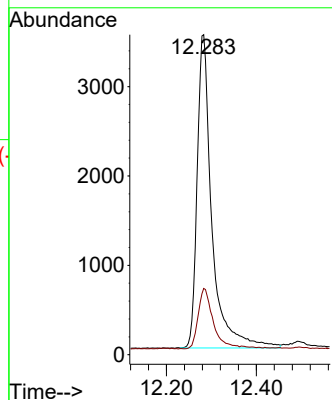
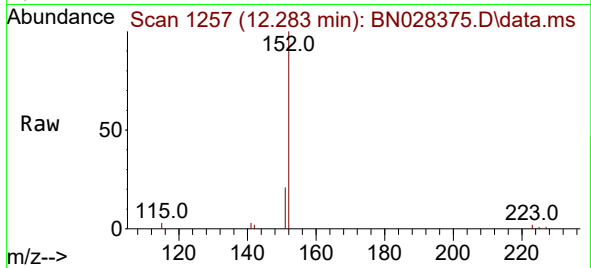




#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.283 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN028375.D
Acq: 24 Oct 2023 13:09

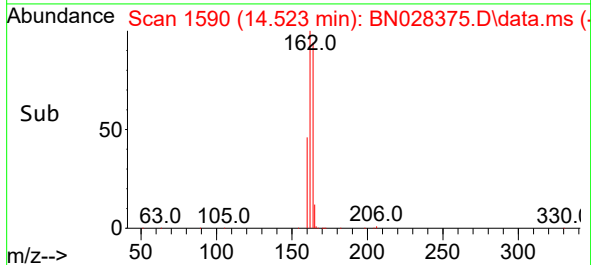
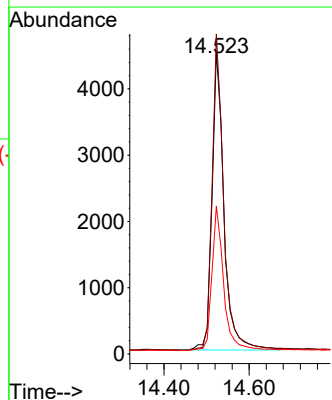
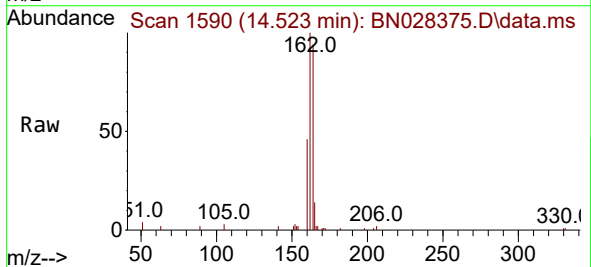
Instrument :
BNA_N
ClientSampleId :
MW-5SR

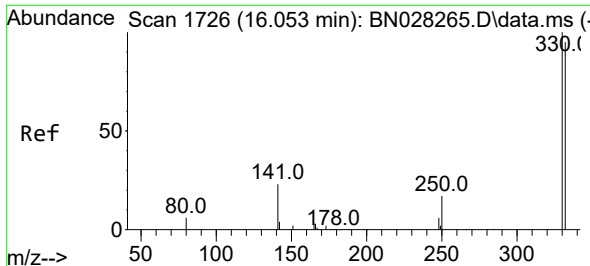
Tgt Ion:152 Resp: 7976
Ion Ratio Lower Upper
152 100
151 19.5 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.523 min Scan# 1590
Delta R.T. -0.011 min
Lab File: BN028375.D
Acq: 24 Oct 2023 13:09

Tgt Ion:164 Resp: 8735
Ion Ratio Lower Upper
164 100
162 105.9 81.1 121.7
160 49.0 36.6 54.8

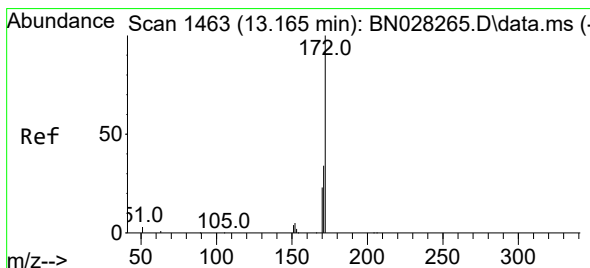
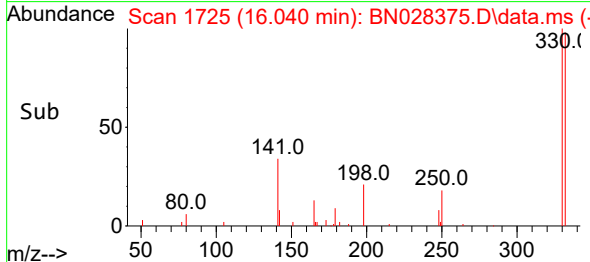
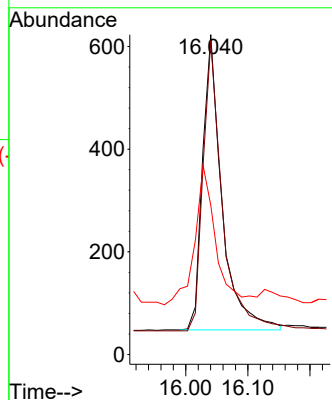
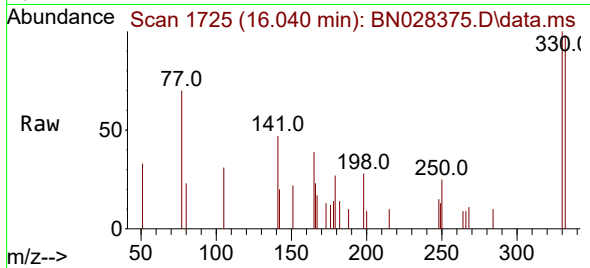




#14
2,4,6-Tribromophenol
Concen: 0.293 ng
RT: 16.040 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN028375.D
Acq: 24 Oct 2023 13:09

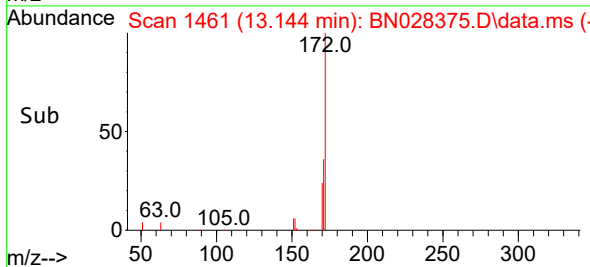
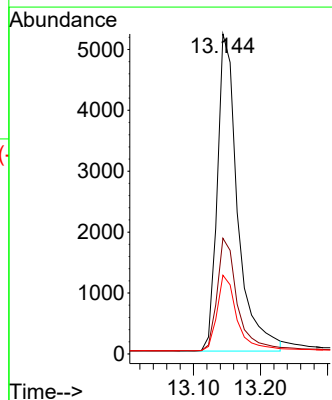
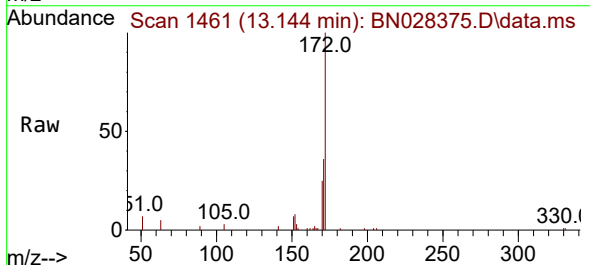
Instrument :
BNA_N
ClientSampleId :
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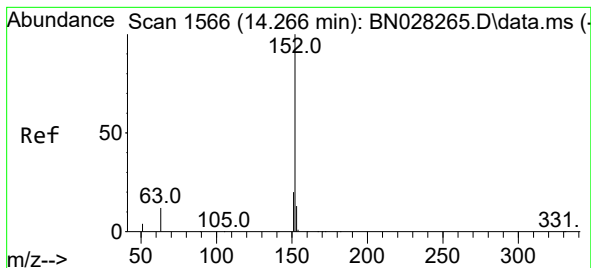
Tgt Ion:330 Resp: 1250
Ion Ratio Lower Upper
330 100
332 98.0 74.1 111.1
141 43.6 32.1 48.1



#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.144 min Scan# 1461
Delta R.T. -0.021 min
Lab File: BN028375.D
Acq: 24 Oct 2023 13:09

Tgt Ion:172 Resp: 11030
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 24.6 18.7 28.1





#16

Acenaphthylene

Concen: 0.089 ng

RT: 14.256 min Scan# 1566

Delta R.T. 0.000 min

Lab File: BN028375.D

Acq: 24 Oct 2023 13:09

Instrument :

BNA_N

ClientSampleId :

MW-5SR

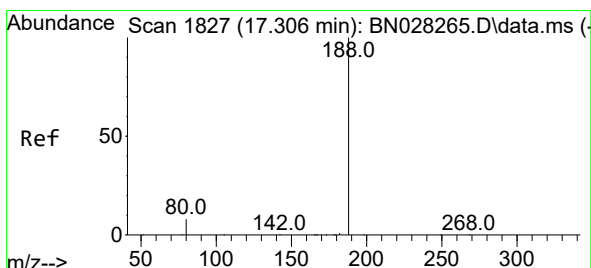
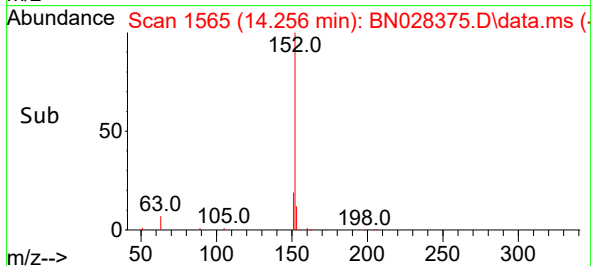
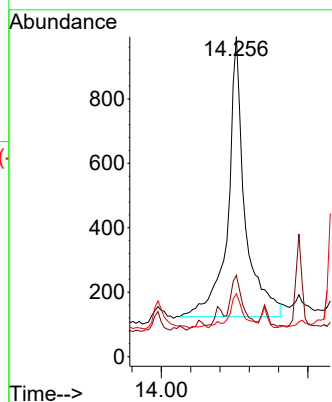
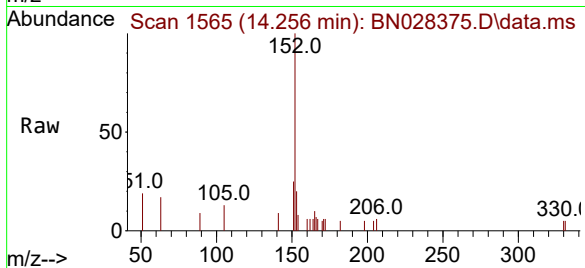
Tgt Ion:152 Resp: 3503

Ion Ratio Lower Upper

152 100

151 14.0 15.6 23.4#

153 10.3 10.6 16.0#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.281 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BN028375.D

Acq: 24 Oct 2023 13:09

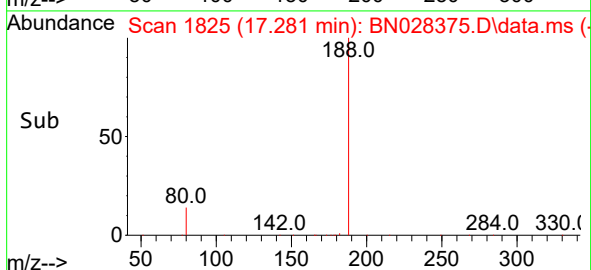
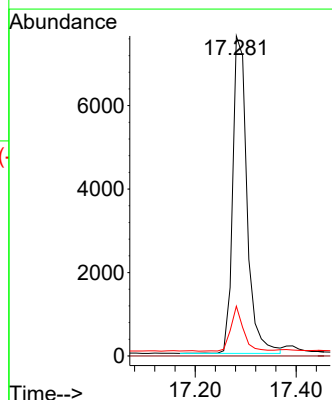
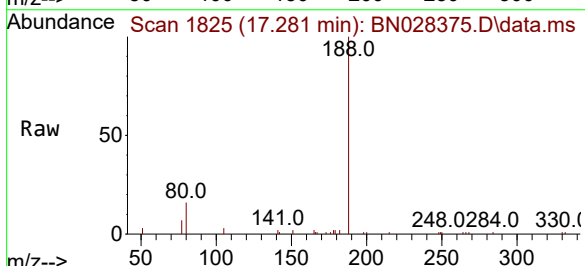
Tgt Ion:188 Resp: 15033

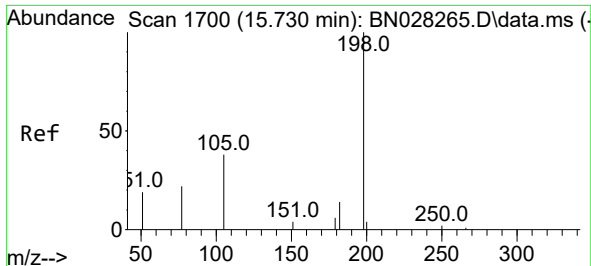
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.6 7.1 10.7#

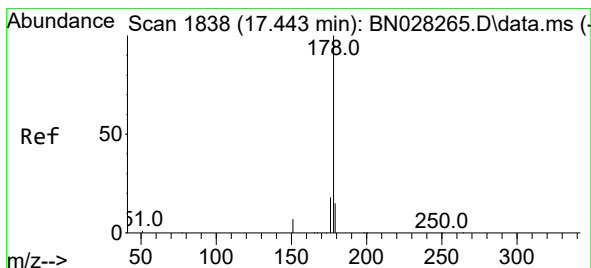
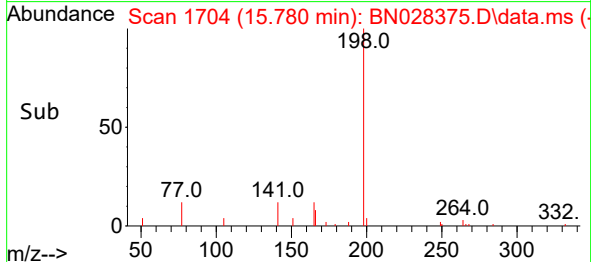
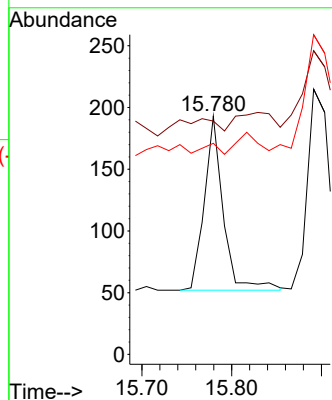
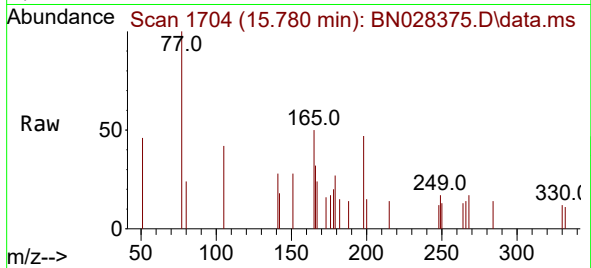




#20
4,6-Dinitro-2-methylphenol
Concen: 0.378 ng
RT: 15.780 min Scan# 1704
Delta R.T. -0.025 min
Lab File: BN028375.D
Acq: 24 Oct 2023 13:09

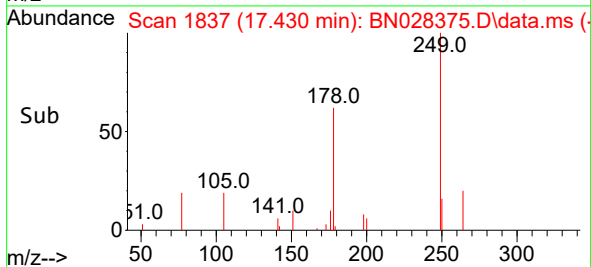
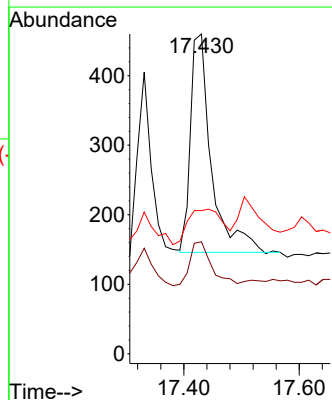
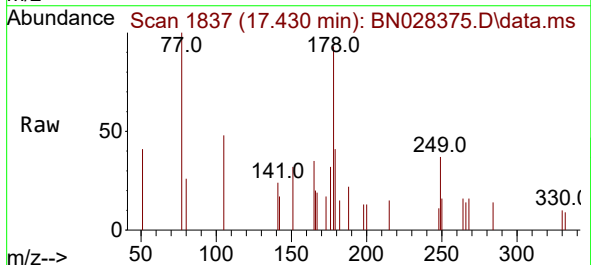
Instrument :
BNA_N
ClientSampleId :
MW-5SR

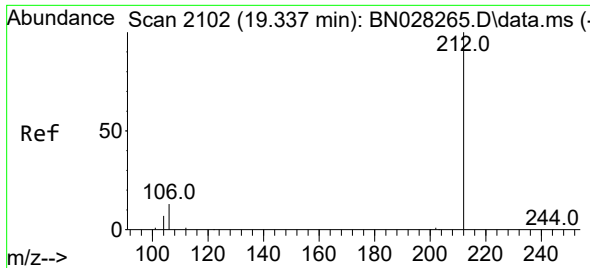
Tgt Ion:198 Resp: 205
Ion Ratio Lower Upper
198 100
51 97.9 96.1 144.1
105 88.6 75.4 113.0



#26
Anthracene
Concen: 0.020 ng
RT: 17.430 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BN028375.D
Acq: 24 Oct 2023 13:09

Tgt Ion:178 Resp: 788
Ion Ratio Lower Upper
178 100
176 20.9 14.6 22.0
179 27.0 12.2 18.4#

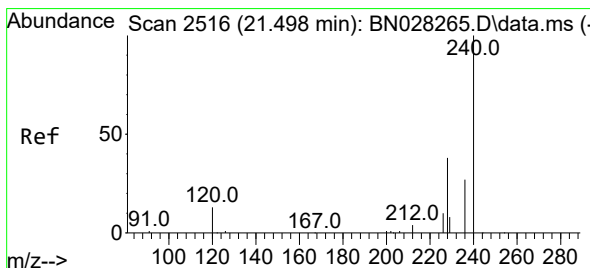
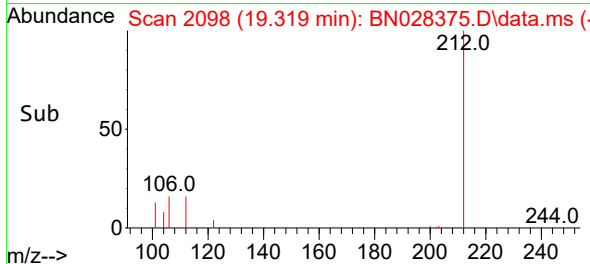
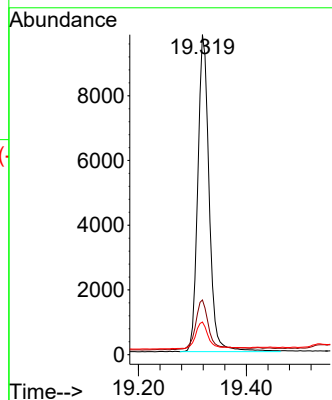
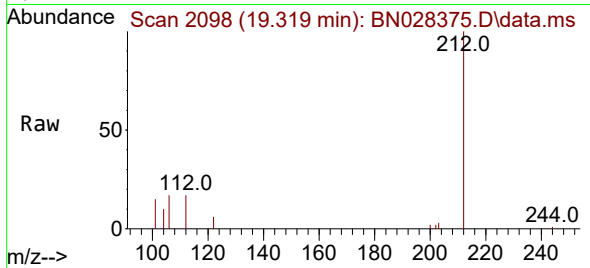




#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.319 min Scan# 2098
Delta R.T. -0.009 min
Lab File: BN028375.D
Acq: 24 Oct 2023 13:09

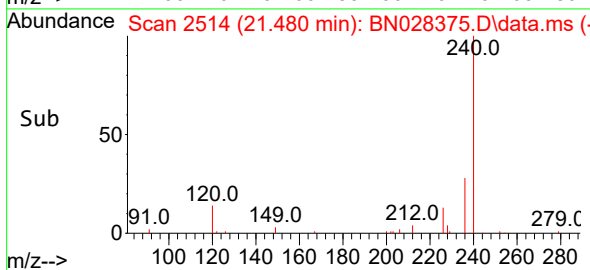
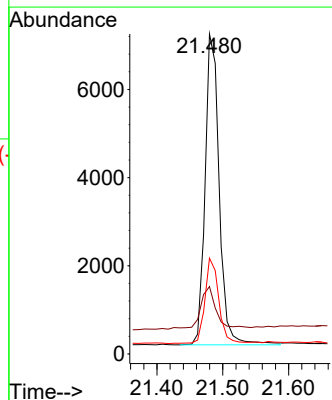
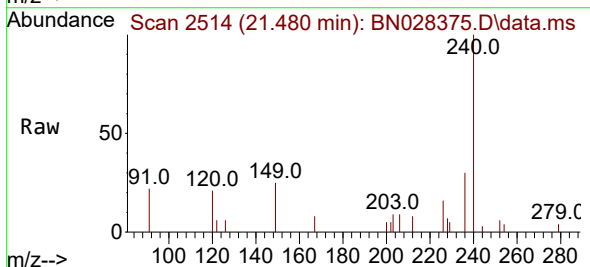
Instrument :
BNA_N
ClientSampleId :
MW-5SR

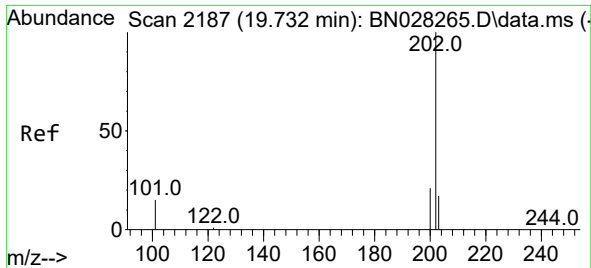
Tgt Ion:212 Resp: 14296
Ion Ratio Lower Upper
212 100
106 18.4 11.5 17.3#
104 9.5 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.480 min Scan# 2514
Delta R.T. -0.009 min
Lab File: BN028375.D
Acq: 24 Oct 2023 13:09

Tgt Ion:240 Resp: 10570
Ion Ratio Lower Upper
240 100
120 21.0 13.4 20.0#
236 29.9 22.7 34.1

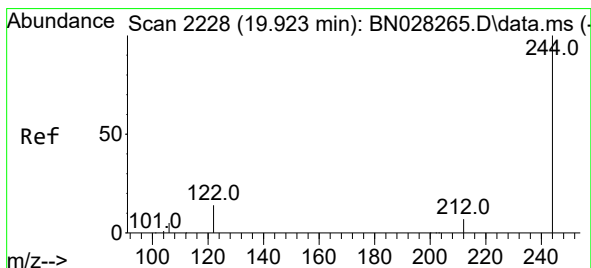
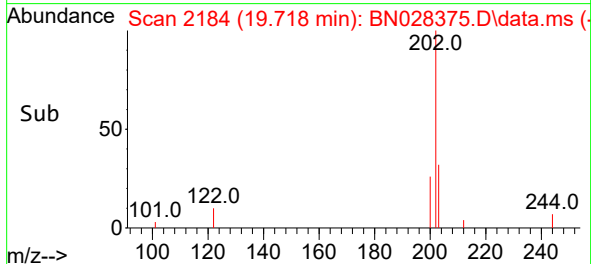
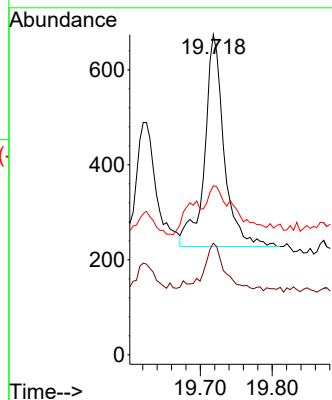
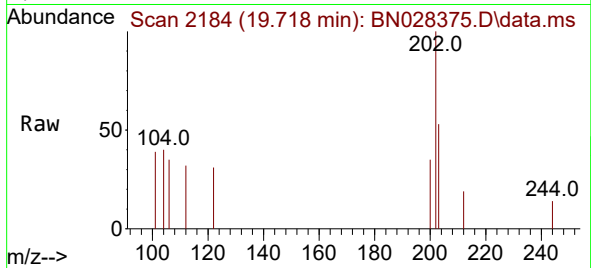




#30
Pyrene
Concen: 0.023 ng
RT: 19.718 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BN028375.D
Acq: 24 Oct 2023 13:09

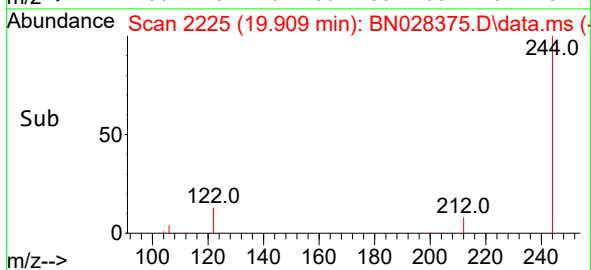
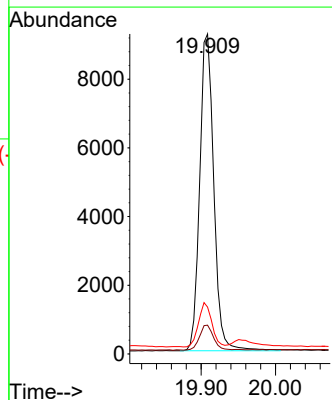
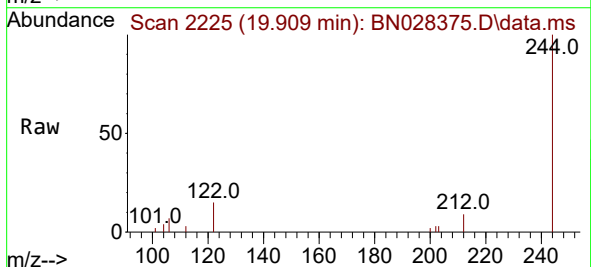
Instrument :
BNA_N
ClientSampleId :
MW-5SR

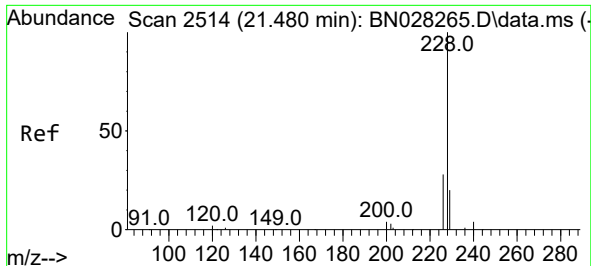
Tgt Ion:202 Resp: 833
Ion Ratio Lower Upper
202 100
200 20.5 16.7 25.1
203 26.4 14.5 21.7#



#31
Terphenyl-d14
Concen: 0.541 ng
RT: 19.909 min Scan# 2225
Delta R.T. -0.009 min
Lab File: BN028375.D
Acq: 24 Oct 2023 13:09

Tgt Ion:244 Resp: 12130
Ion Ratio Lower Upper
244 100
212 9.0 6.6 10.0
122 14.6 11.7 17.5

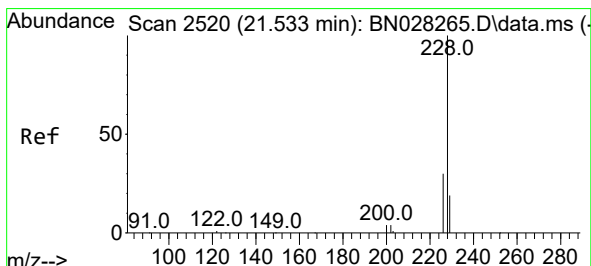
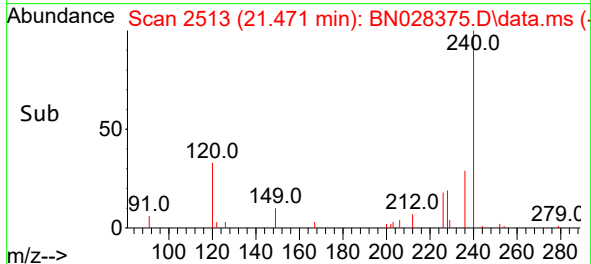
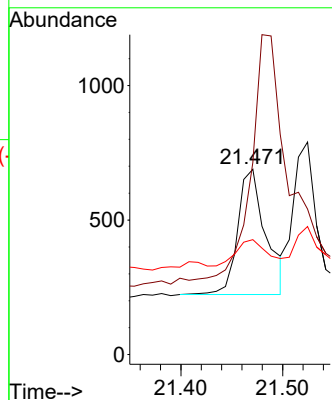
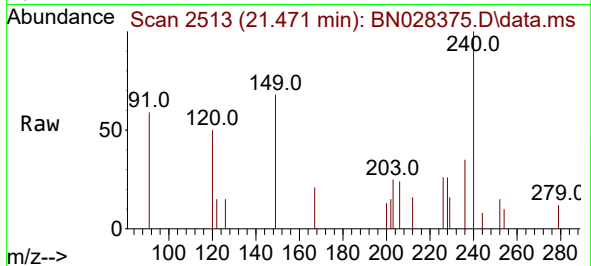




#32
Benzo(a)anthracene
Concen: 0.024 ng
RT: 21.471 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BN028375.D
Acq: 24 Oct 2023 13:09

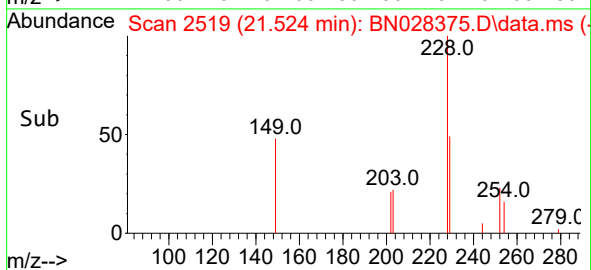
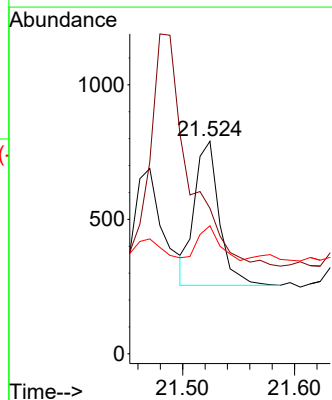
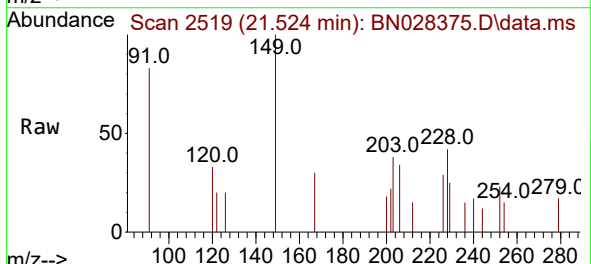
Instrument :
BNA_N
ClientSampleId :
MW-5SR

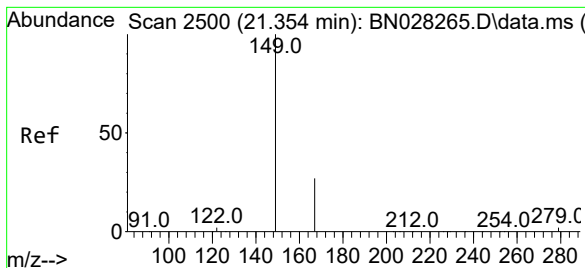
Tgt Ion:228 Resp: 894
Ion Ratio Lower Upper
228 100
226 103.6 22.9 34.3#
229 62.0 16.6 24.8#



#33
Chrysene
Concen: 0.023 ng
RT: 21.524 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN028375.D
Acq: 24 Oct 2023 13:09

Tgt Ion:228 Resp: 822
Ion Ratio Lower Upper
228 100
226 68.5 25.2 37.8#
229 60.3 16.6 25.0#

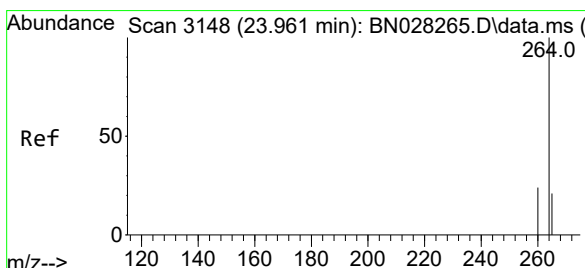
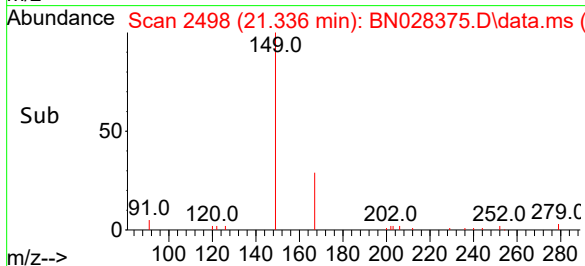
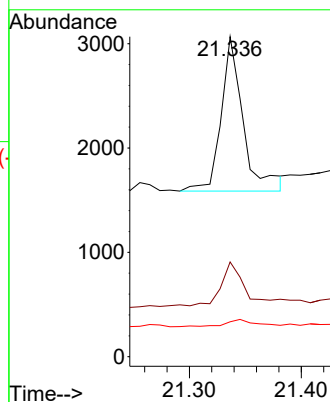
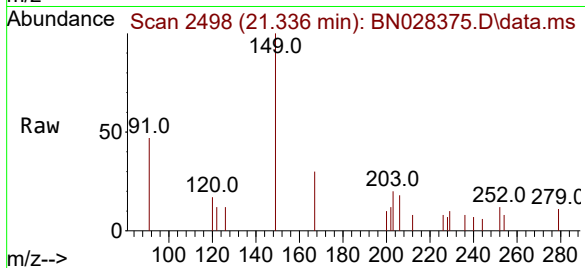




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.071 ng
 RT: 21.336 min Scan# 2498
 Delta R.T. -0.009 min
 Lab File: BN028375.D
 Acq: 24 Oct 2023 13:09

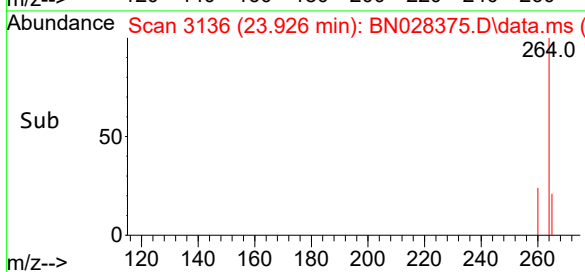
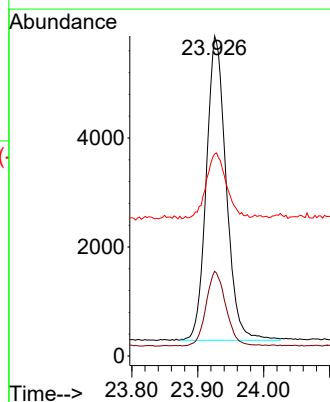
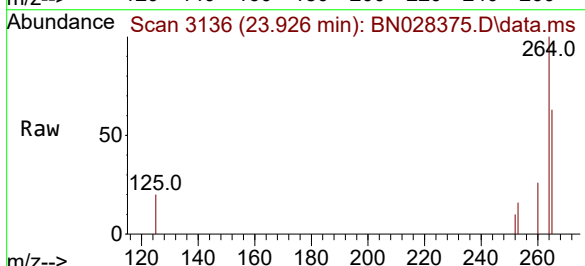
Instrument :
 BNA_N
 ClientSampleId :
 MW-5SR

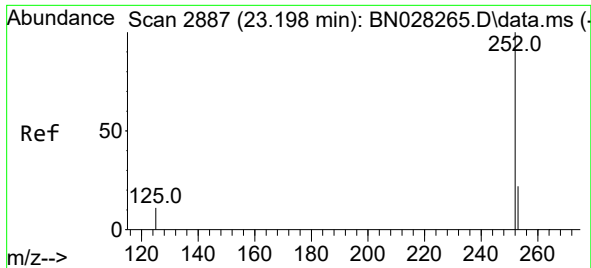
Tgt Ion:149 Resp: 2029
 Ion Ratio Lower Upper
 149 100
 167 32.1 22.6 34.0
 279 6.1 4.2 6.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.926 min Scan# 3136
 Delta R.T. -0.012 min
 Lab File: BN028375.D
 Acq: 24 Oct 2023 13:09

Tgt Ion:264 Resp: 11678
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.7 31.1
 265 63.1 38.3 57.5#





#37

Benzo(b)fluoranthene

Concen: 0.020 ng

RT: 23.177 min Scan# 2880

Delta R.T. 0.000 min

Lab File: BN028375.D

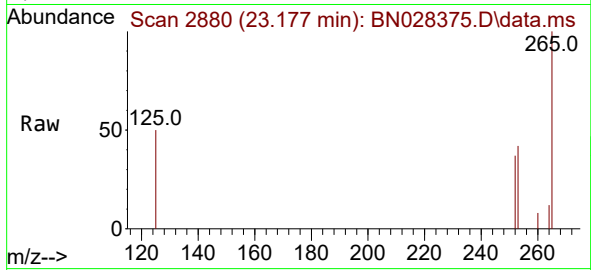
Acq: 24 Oct 2023 13:09

Instrument :

BNA_N

ClientSampleId :

MW-5SR



Tgt Ion:252 Resp: 743

Ion Ratio Lower Upper

252 100

253 114.0 21.8 32.8#

125 135.3 15.6 23.4#

