

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
 Data File : BN029097.D
 Acq On : 07 Dec 2023 18:56
 Operator : MA/JU
 Sample : 05405-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01S-20231113

Quant Time: Dec 07 22:56:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

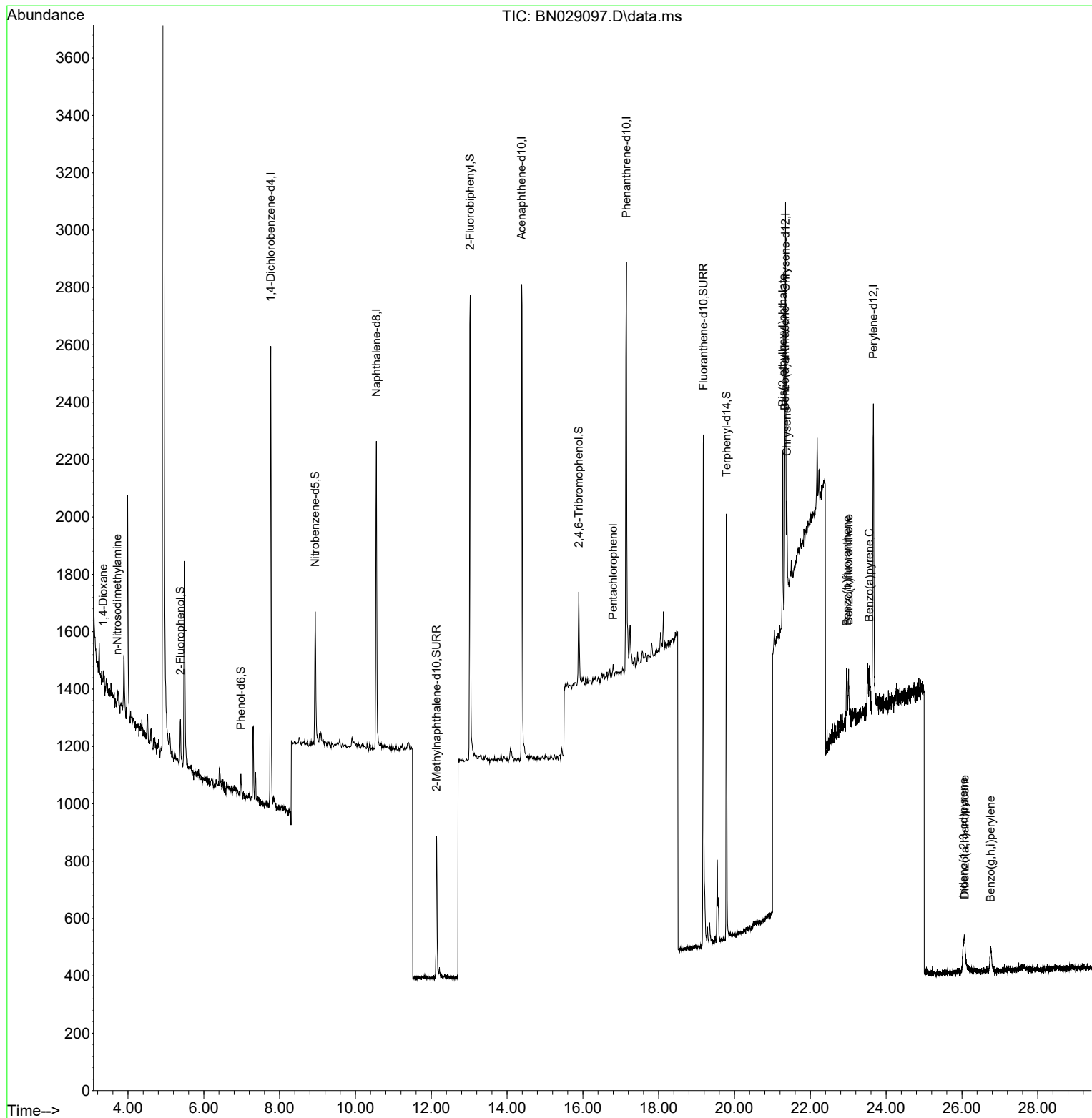
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	829	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	1582	0.400	ng	#-0.01
13) Acenaphthene-d10	14.385	164	1086	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	2367	0.400	ng	0.00
29) Chrysene-d12	21.347	240	1420	0.400	ng	# 0.00
35) Perylene-d12	23.664	264	1498	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	125	0.067	ng	0.00
5) Phenol-d6	6.980	99	91	0.041	ng	0.00
8) Nitrobenzene-d5	8.939	82	532	0.279	ng	0.00
11) 2-Methylnaphthalene-d10	12.140	152	738	0.222	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	221	0.184	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	1671	0.297	ng	0.00
27) Fluoranthene-d10	19.181	212	2254	0.303	ng	0.00
31) Terphenyl-d14	19.789	244	1505	0.419	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	60	0.090	ng	# 24
3) n-Nitrosodimethylamine	3.716	42	16	0.039	ng	# 59
24) Pentachlorophenol	16.799	266	28	0.021	ng	# 44
32) Benzo(a)anthracene	21.329	228	206	0.029	ng	# 64
33) Chrysene	21.383	228	220	0.031	ng	# 65
34) Bis(2-ethylhexyl)phtha...	21.275	149	640	0.144	ng	93
36) Indeno(1,2,3-cd)pyrene	26.041	276	217	0.028	ng	# 58
37) Benzo(b)fluoranthene	22.962	252	257	0.032	ng	# 1
38) Benzo(k)fluoranthene	23.009	252	202	0.027	ng	# 1
39) Benzo(a)pyrene	23.558	252	197	0.030	ng	# 1
40) Dibenzo(a,h)anthracene	26.076	278	150	0.025	ng	# 1
41) Benzo(g,h,i)perylene	26.757	276	211	0.033	ng	# 1

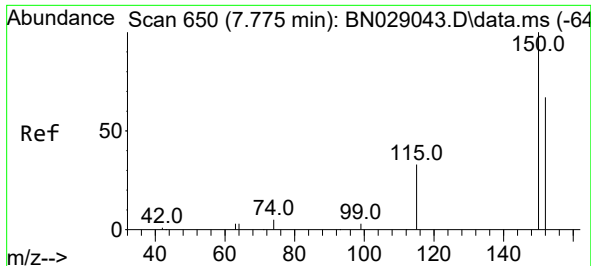
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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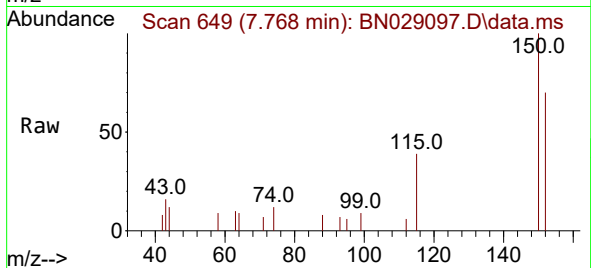
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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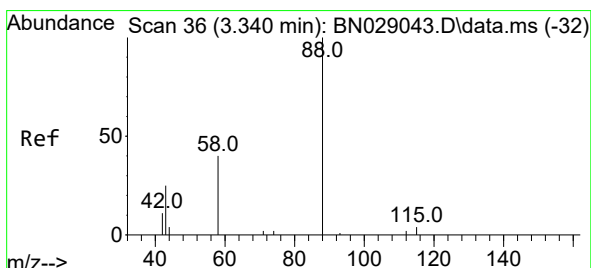
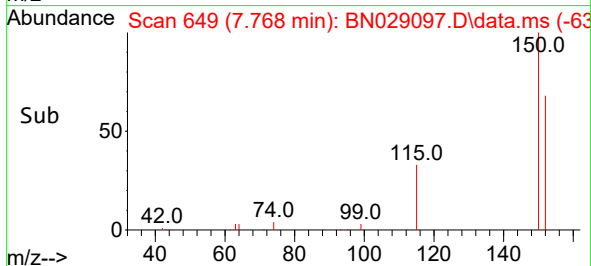
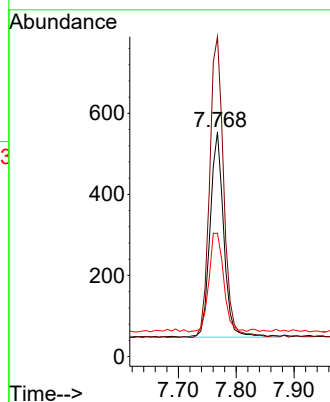


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN029097.D
 Acq: 07 Dec 2023 18:56

Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01S-20231113

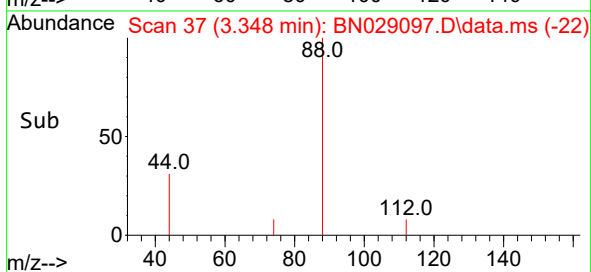
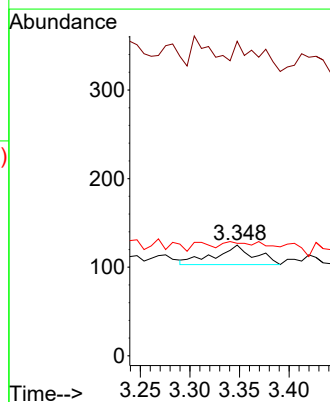
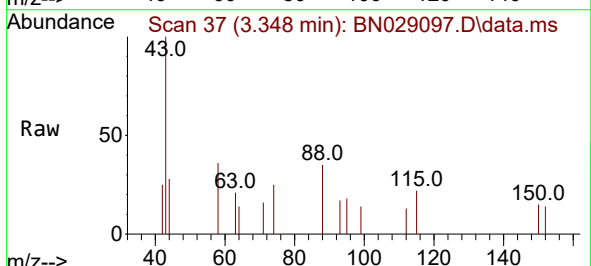


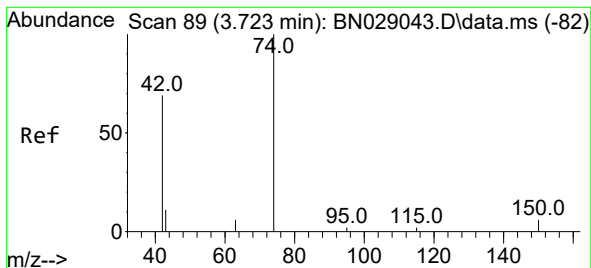
Tgt Ion:152 Resp: 829
 Ion Ratio Lower Upper
 152 100
 150 142.4 116.2 174.4
 115 54.9 45.1 67.7



#2
 1,4-Dioxane
 Concen: 0.090 ng
 RT: 3.348 min Scan# 37
 Delta R.T. 0.007 min
 Lab File: BN029097.D
 Acq: 07 Dec 2023 18:56

Tgt Ion: 88 Resp: 60
 Ion Ratio Lower Upper
 88 100
 43 91.7 15.6 23.4#
 58 18.3 33.2 49.8#





#3

n-Nitrosodimethylamine

Concen: 0.039 ng

RT: 3.716 min Scan# 81

Delta R.T. -0.007 min

Lab File: BN029097.D

Acq: 07 Dec 2023 18:56

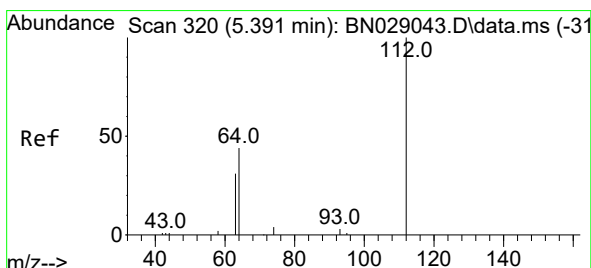
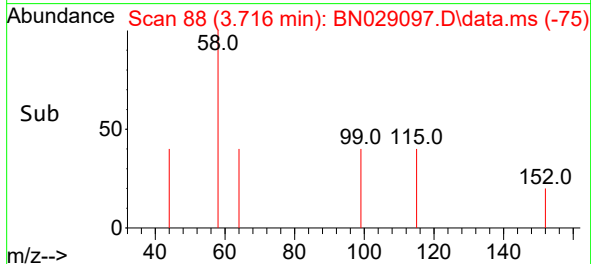
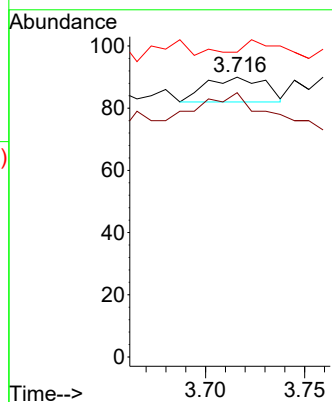
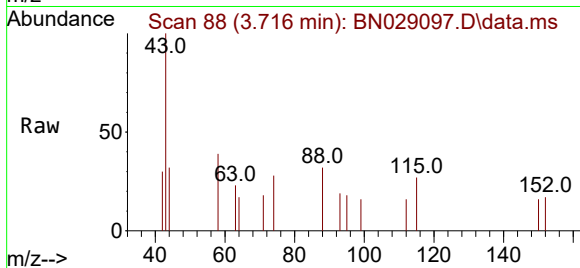
Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20231113

Tgt Ion:	42	Resp:	16
Ion	Ratio	Lower	Upper
42	100		
74	181.3	106.3	159.5#
44	43.8	0.0	0.0#



#4

2-Fluorophenol

Concen: 0.067 ng

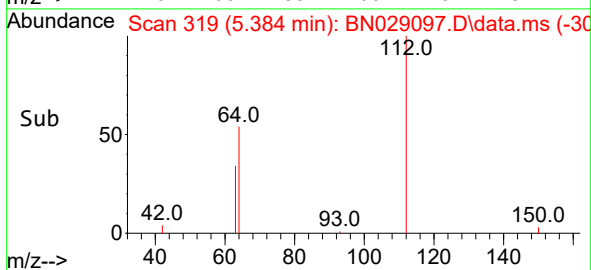
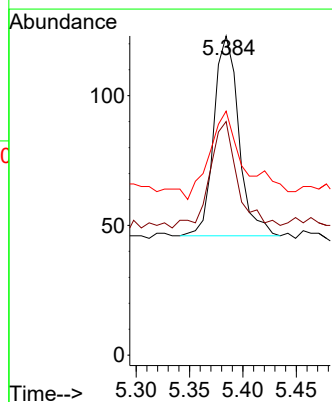
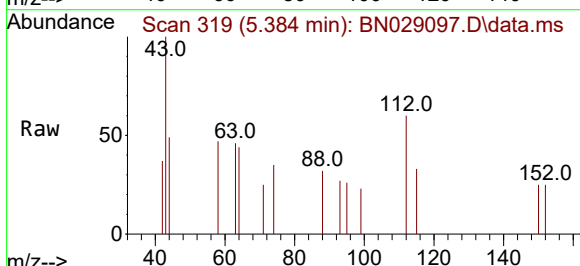
RT: 5.384 min Scan# 319

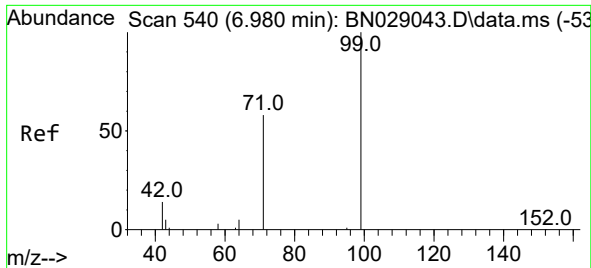
Delta R.T. -0.007 min

Lab File: BN029097.D

Acq: 07 Dec 2023 18:56

Tgt Ion:	112	Resp:	125
Ion	Ratio	Lower	Upper
112	100		
64	60.0	37.0	55.6#
63	63.2	29.0	43.6#

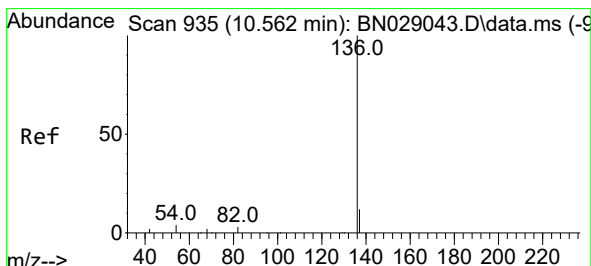
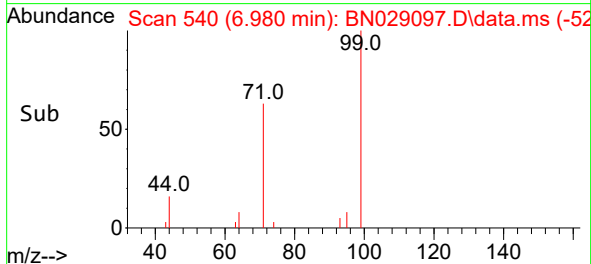
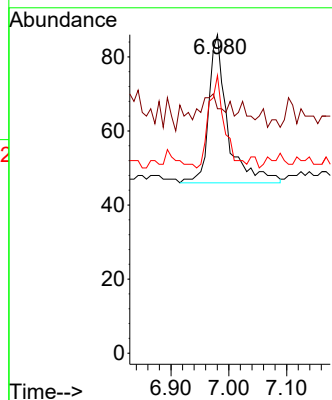
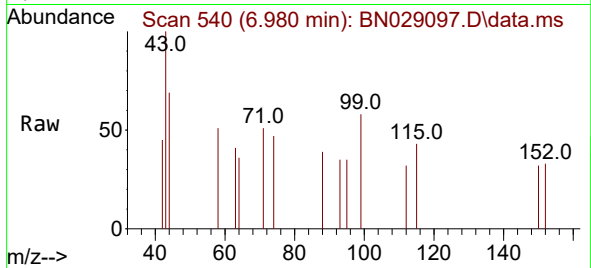




#5
Phenol-d6
Concen: 0.041 ng
RT: 6.980 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN029097.D
Acq: 07 Dec 2023 18:56

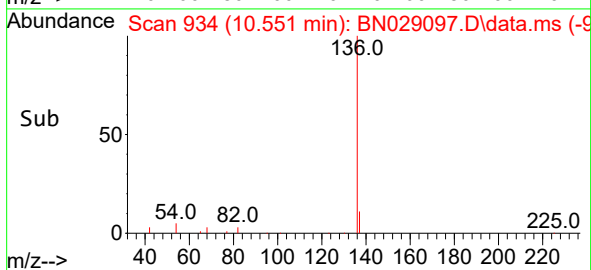
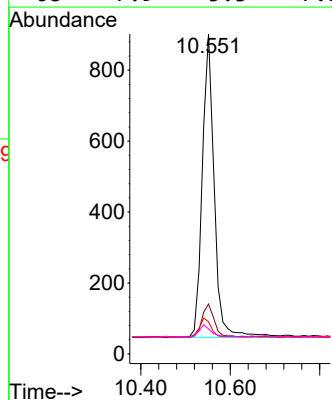
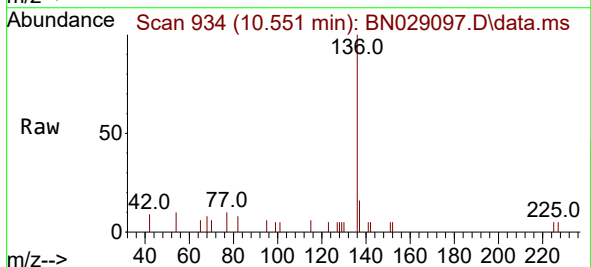
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

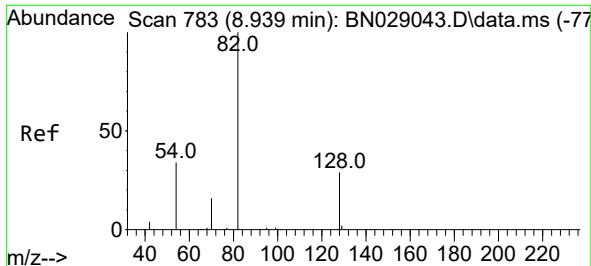
Tgt Ion: 99 Resp: 91
Ion Ratio Lower Upper
99 100
42 17.6 13.4 20.2
71 51.6 47.8 71.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.551 min Scan# 934
Delta R.T. -0.011 min
Lab File: BN029097.D
Acq: 07 Dec 2023 18:56

Tgt Ion: 136 Resp: 1582
Ion Ratio Lower Upper
136 100
137 15.6 11.9 17.9
54 10.1 6.4 9.6#
68 7.9 5.3 7.9

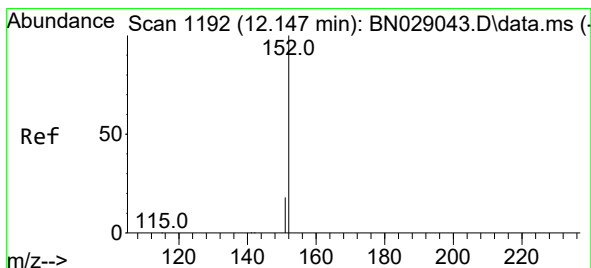
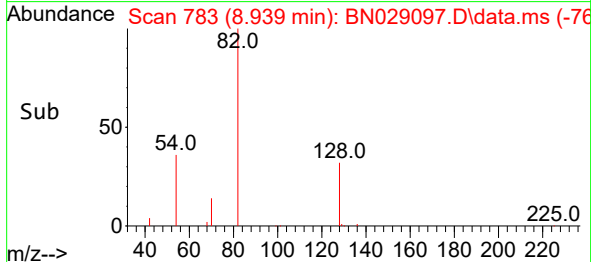
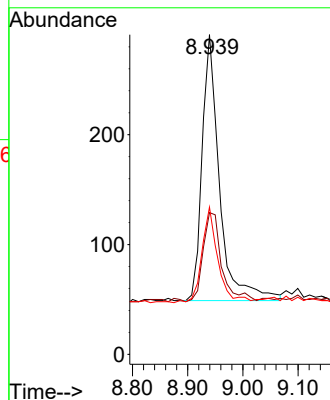
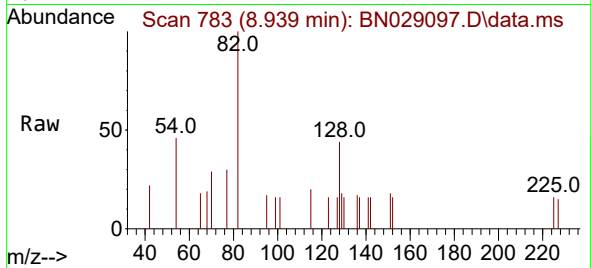




#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 8.939 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN029097.D
Acq: 07 Dec 2023 18:56

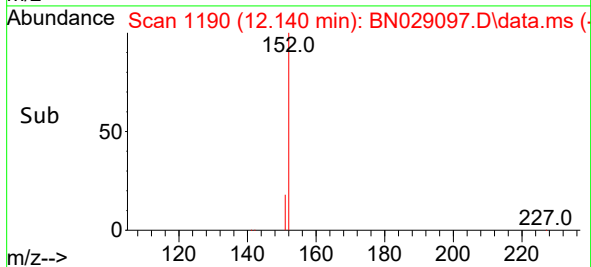
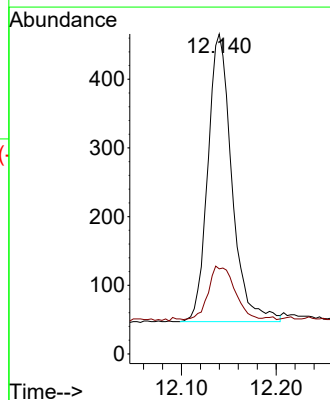
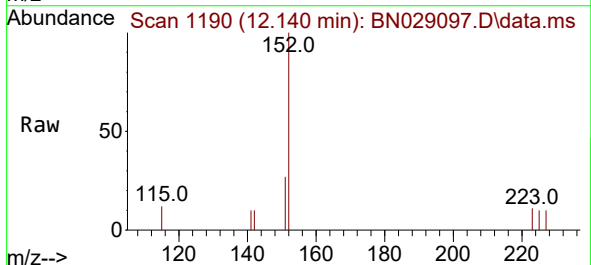
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

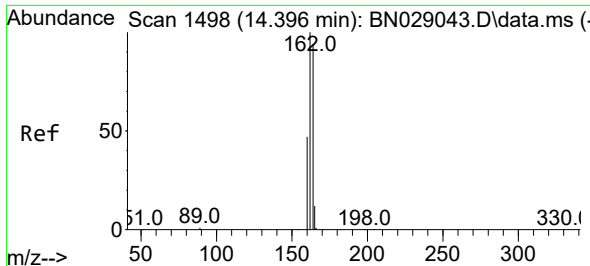
Tgt Ion: 82 Resp: 532
Ion Ratio Lower Upper
82 100
128 44.3 28.2 42.4#
54 46.0 32.1 48.1



#11
2-Methylnaphthalene-d10
Concen: 0.222 ng
RT: 12.140 min Scan# 1190
Delta R.T. -0.008 min
Lab File: BN029097.D
Acq: 07 Dec 2023 18:56

Tgt Ion:152 Resp: 738
Ion Ratio Lower Upper
152 100
151 20.3 17.4 26.0

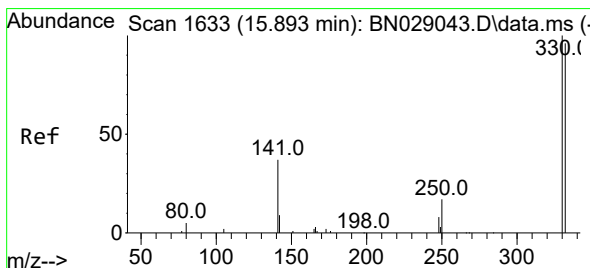
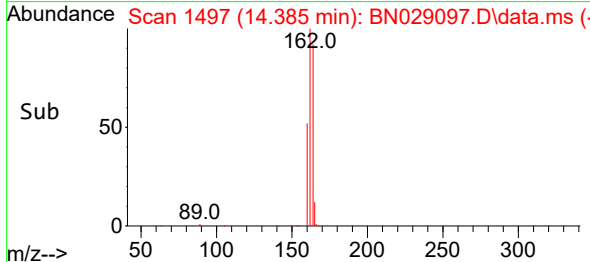
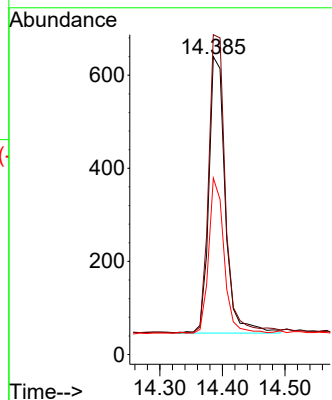
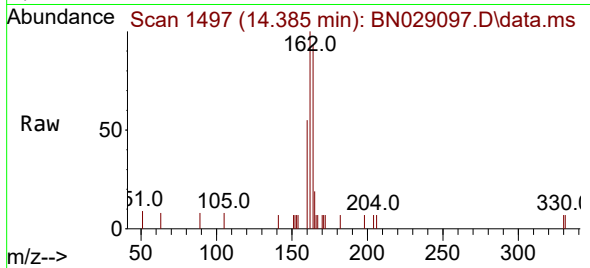




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.385 min Scan# 1498
Delta R.T. -0.011 min
Lab File: BN029097.D
Acq: 07 Dec 2023 18:56

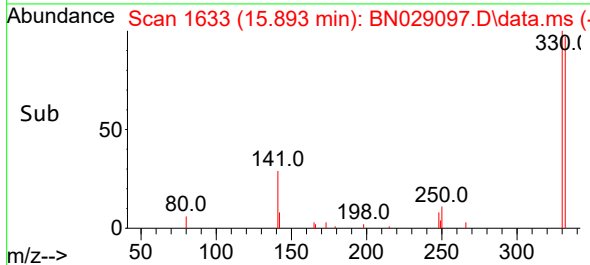
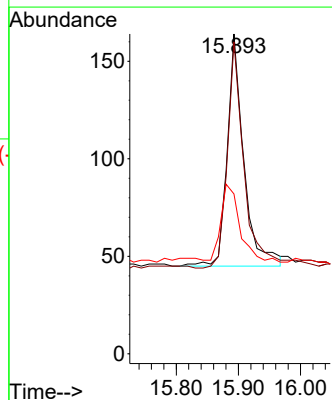
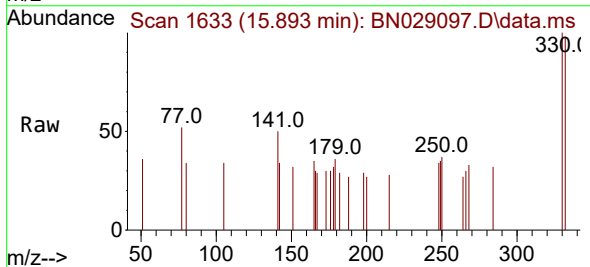
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

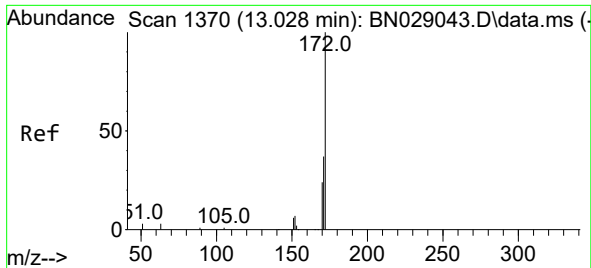
Tgt Ion:164 Resp: 1086
Ion Ratio Lower Upper
164 100
162 107.3 85.0 127.6
160 59.2 41.3 61.9



#14
2,4,6-Tribromophenol
Concen: 0.184 ng
RT: 15.893 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN029097.D
Acq: 07 Dec 2023 18:56

Tgt Ion:330 Resp: 221
Ion Ratio Lower Upper
330 100
332 96.8 78.8 118.2
141 38.9 28.7 43.1

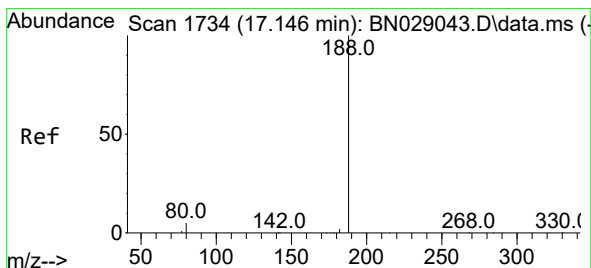
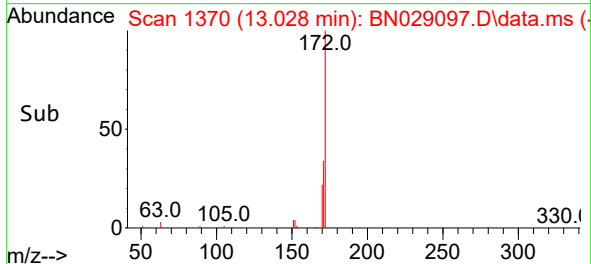
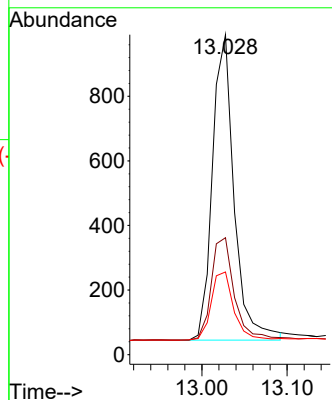
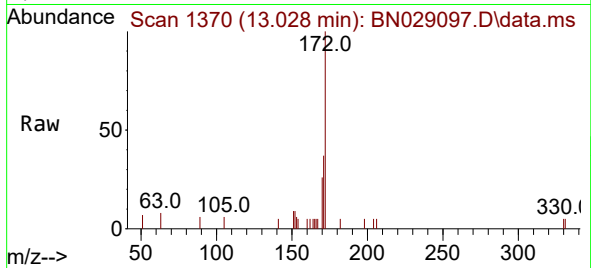




#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029097.D
Acq: 07 Dec 2023 18:56

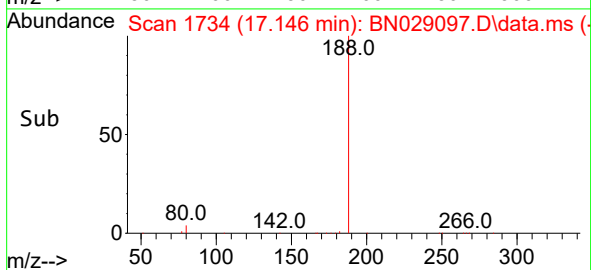
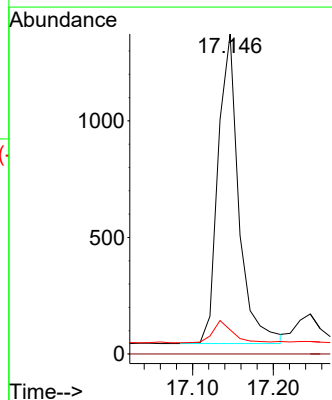
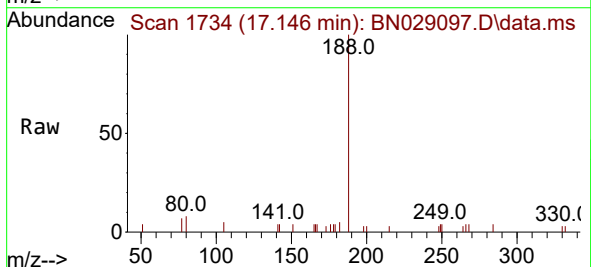
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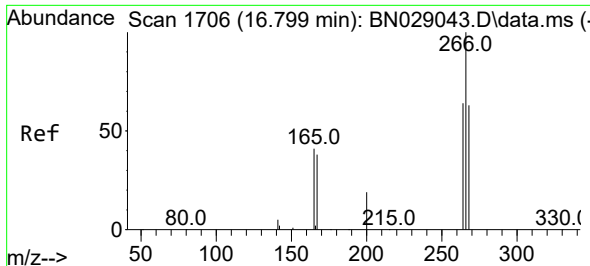
Tgt Ion:	172	Resp:	1671
Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.1	45.1
170	25.8	20.3	30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN029097.D
Acq: 07 Dec 2023 18:56

Tgt Ion:	188	Resp:	2367
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	5.4	8.0

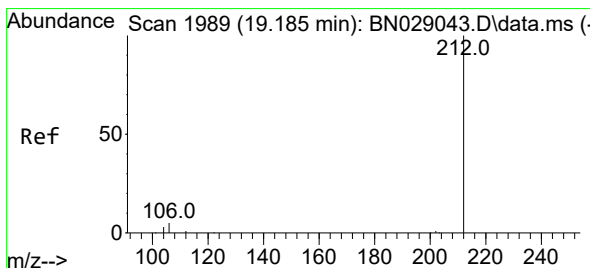
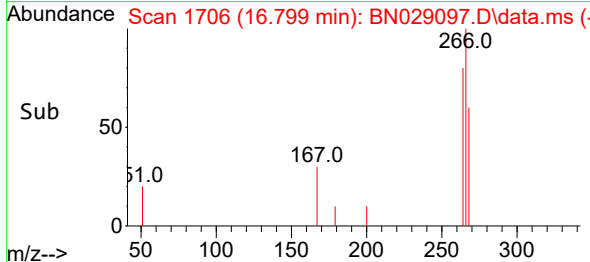
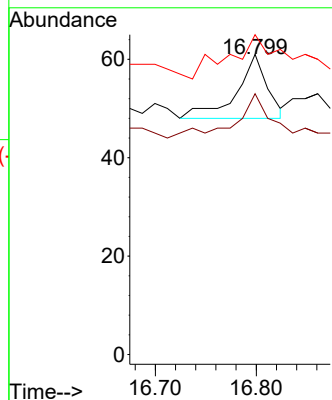
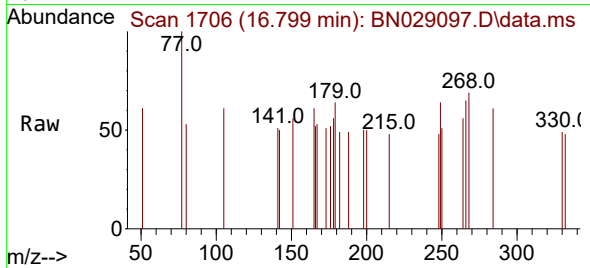




#24
Pentachlorophenol
Concen: 0.021 ng
RT: 16.799 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN029097.D
Acq: 07 Dec 2023 18:56

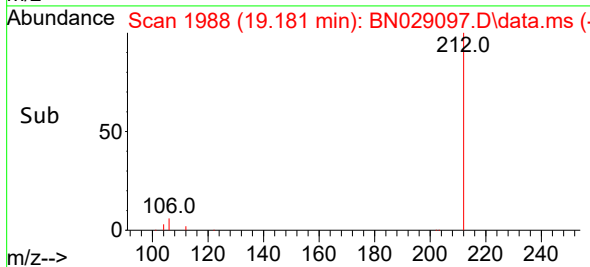
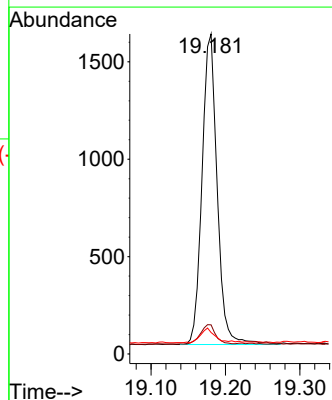
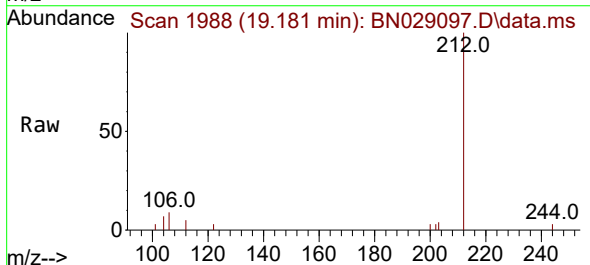
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

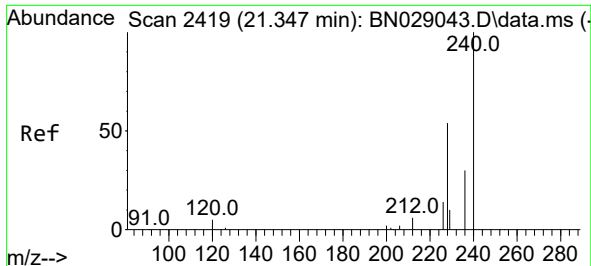
Tgt Ion:266 Resp: 28
Ion Ratio Lower Upper
266 100
264 53.6 50.7 76.1
268 139.3 49.5 74.3#



#27
Fluoranthene-d10
Concen: 0.303 ng
RT: 19.181 min Scan# 1988
Delta R.T. -0.005 min
Lab File: BN029097.D
Acq: 07 Dec 2023 18:56

Tgt Ion:212 Resp: 2254
Ion Ratio Lower Upper
212 100
106 6.3 3.9 5.9#
104 4.7 2.6 3.8#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.347 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BN029097.D

Acq: 07 Dec 2023 18:56

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20231113

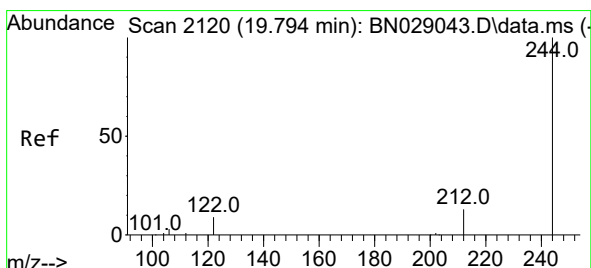
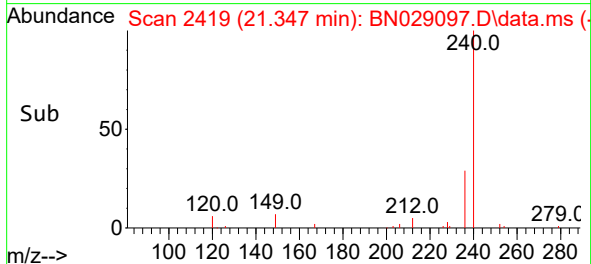
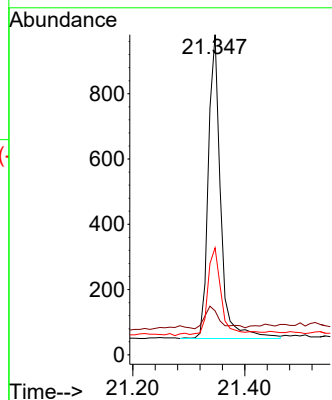
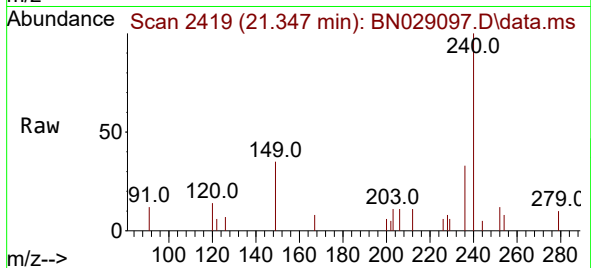
Tgt Ion:240 Resp: 1420

Ion Ratio Lower Upper

240 100

120 13.8 6.7 10.1#

236 33.4 25.7 38.5



#31

Terphenyl-d14

Concen: 0.419 ng

RT: 19.789 min Scan# 2119

Delta R.T. -0.005 min

Lab File: BN029097.D

Acq: 07 Dec 2023 18:56

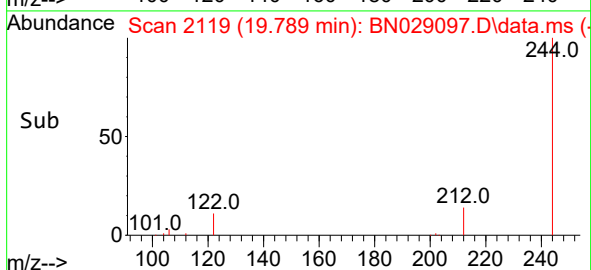
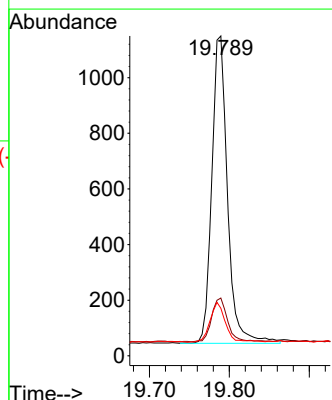
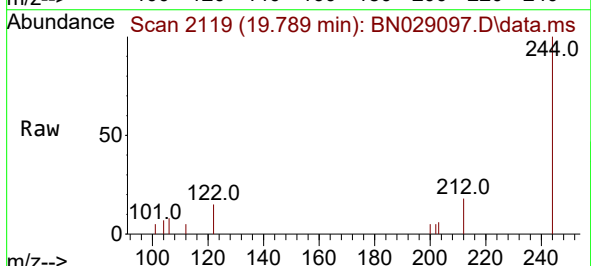
Tgt Ion:244 Resp: 1505

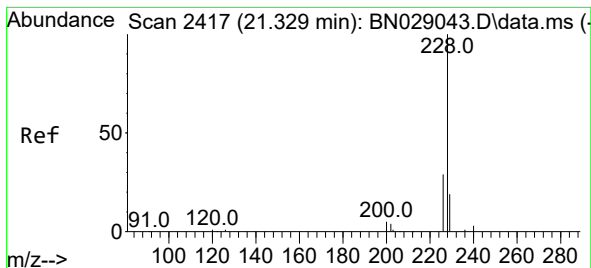
Ion Ratio Lower Upper

244 100

212 18.1 11.6 17.4#

122 14.9 8.2 12.4#





#32

Benzo(a)anthracene

Concen: 0.029 ng

RT: 21.329 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BN029097.D

Acq: 07 Dec 2023 18:56

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20231113

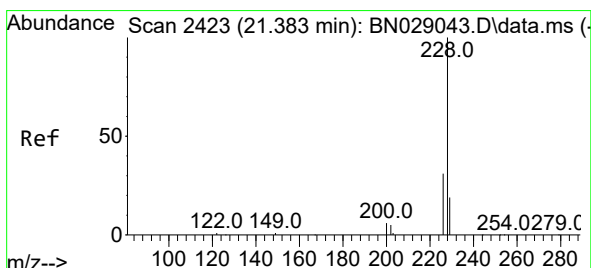
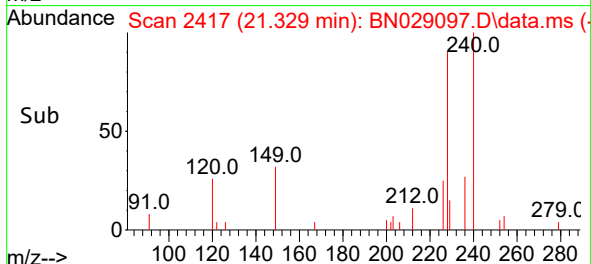
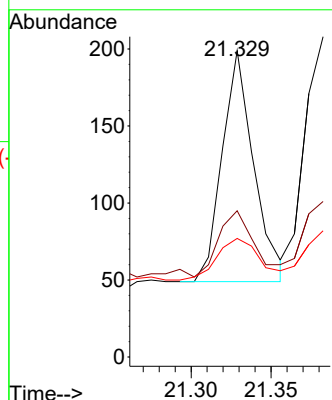
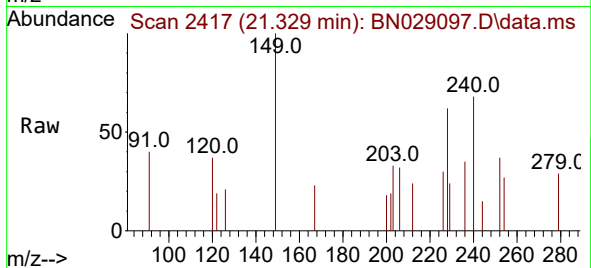
Tgt Ion:228 Resp: 206

Ion Ratio Lower Upper

228 100

226 47.7 23.8 35.6#

229 38.7 16.0 24.0#



#33

Chrysene

Concen: 0.031 ng

RT: 21.383 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BN029097.D

Acq: 07 Dec 2023 18:56

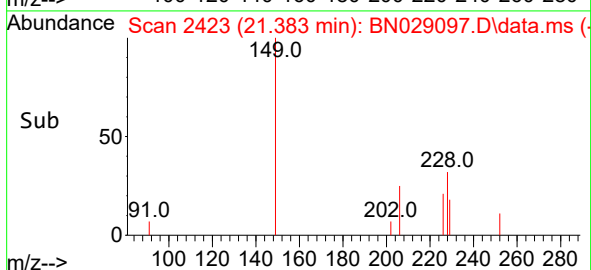
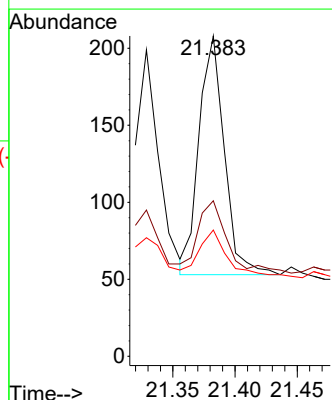
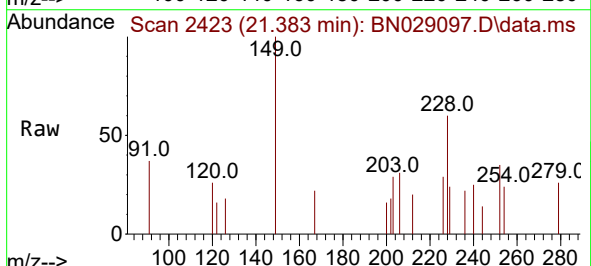
Tgt Ion:228 Resp: 220

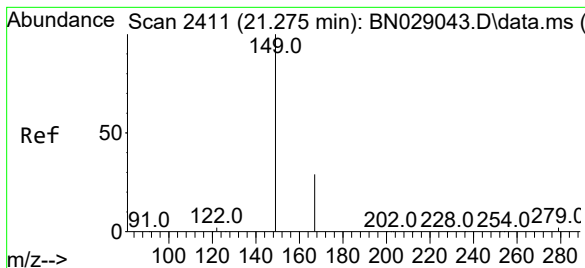
Ion Ratio Lower Upper

228 100

226 48.6 25.4 38.0#

229 39.4 16.0 24.0#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.144 ng

RT: 21.275 min Scan# 2411

Delta R.T. 0.000 min

Lab File: BN029097.D

Acq: 07 Dec 2023 18:56

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20231113

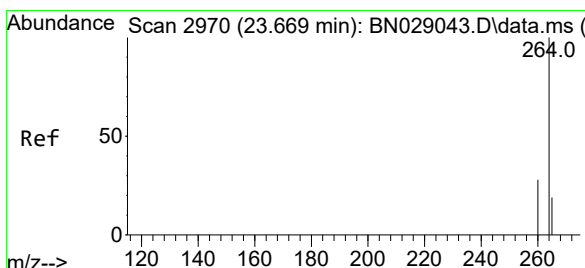
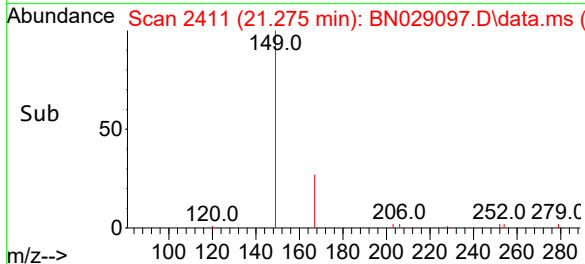
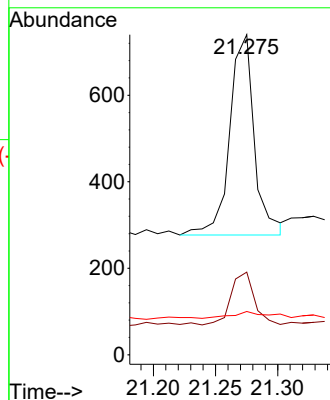
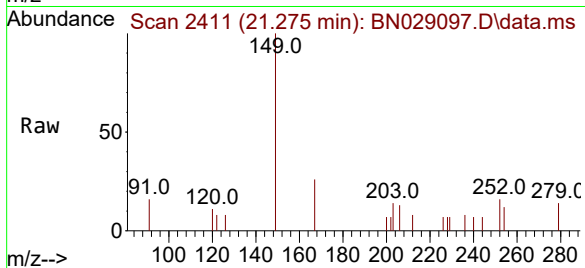
Tgt Ion:149 Resp: 640

Ion Ratio Lower Upper

149 100

167 25.2 23.4 35.2

279 5.2 3.4 5.2



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.664 min Scan# 2968

Delta R.T. -0.006 min

Lab File: BN029097.D

Acq: 07 Dec 2023 18:56

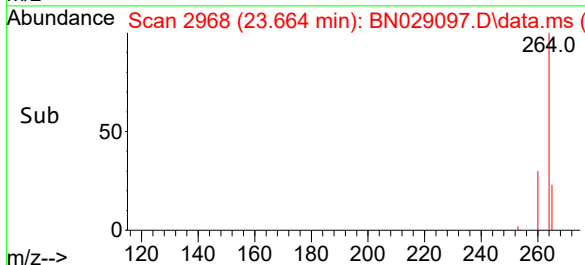
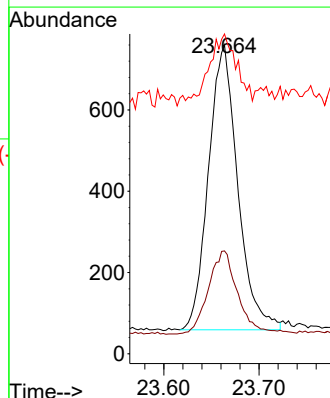
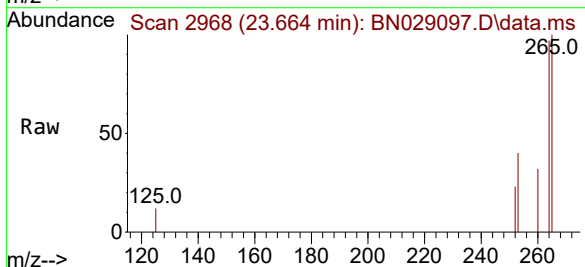
Tgt Ion:264 Resp: 1498

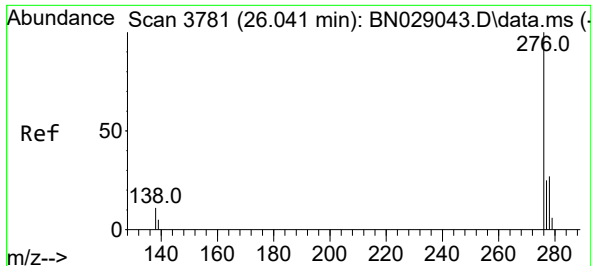
Ion Ratio Lower Upper

264 100

260 33.3 23.9 35.9

265 103.6 52.7 79.1#

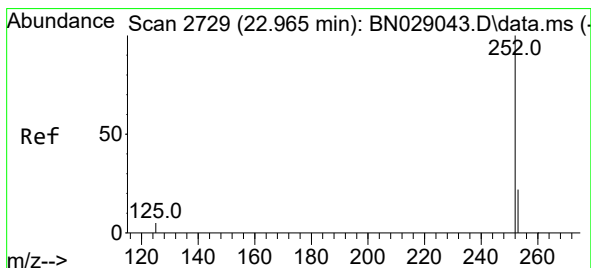
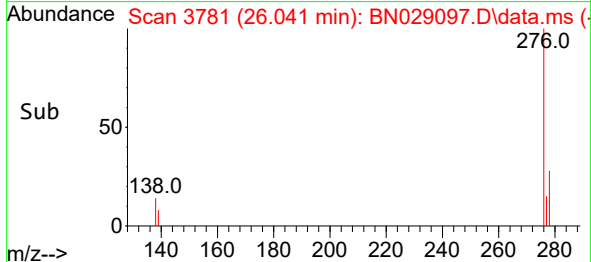
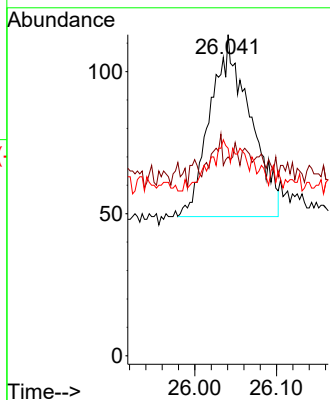
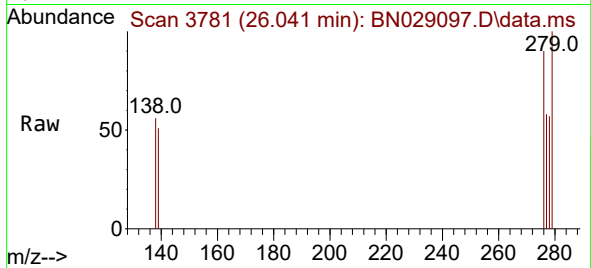




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.028 ng
RT: 26.041 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN029097.D
Acq: 07 Dec 2023 18:56

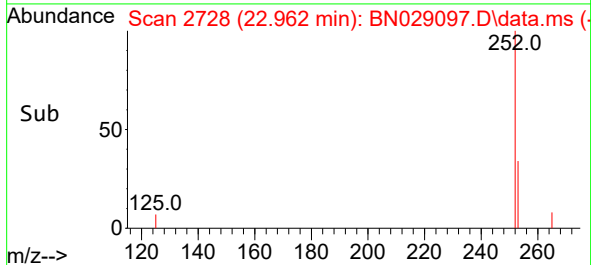
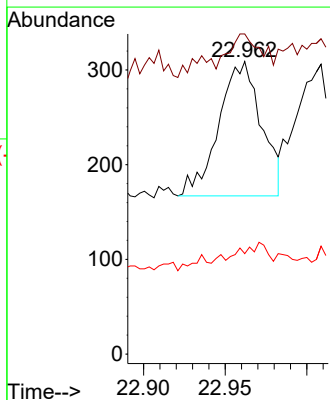
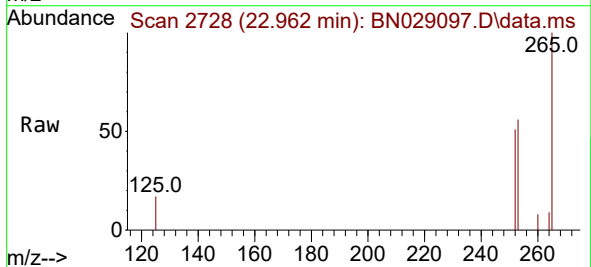
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

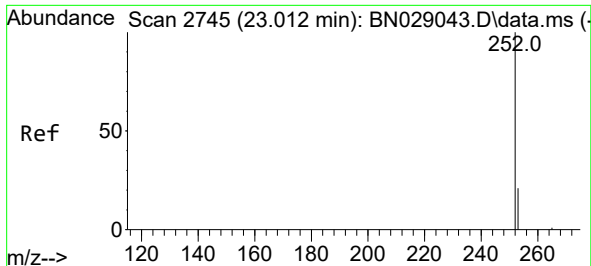
Tgt Ion:276 Resp: 217
Ion Ratio Lower Upper
276 100
138 1.4 9.6 14.4#
277 0.0 19.4 29.0#



#37
Benzo(b)fluoranthene
Concen: 0.032 ng
RT: 22.962 min Scan# 2728
Delta R.T. -0.003 min
Lab File: BN029097.D
Acq: 07 Dec 2023 18:56

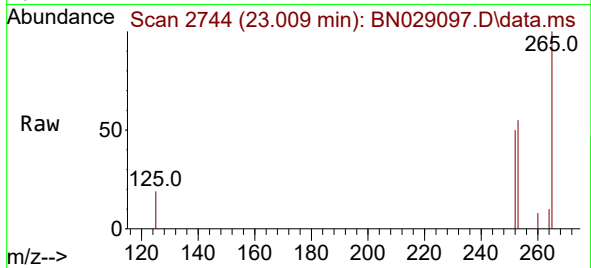
Tgt Ion:252 Resp: 257
Ion Ratio Lower Upper
252 100
253 109.4 23.0 34.6#
125 34.3 5.4 8.0#



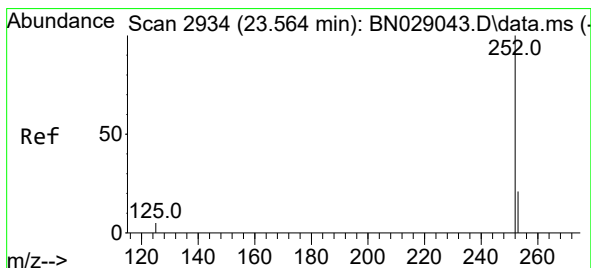
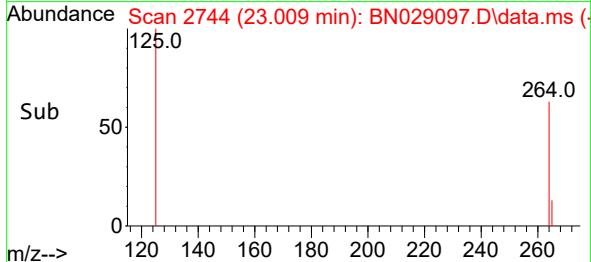
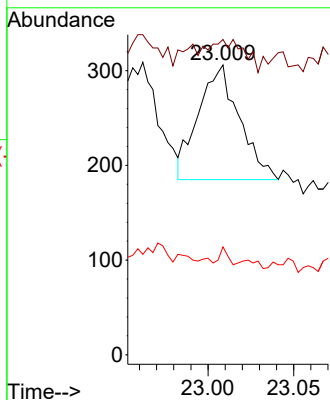


#38
Benzo(k)fluoranthene
Concen: 0.027 ng
RT: 23.009 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN029097.D
Acq: 07 Dec 2023 18:56

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

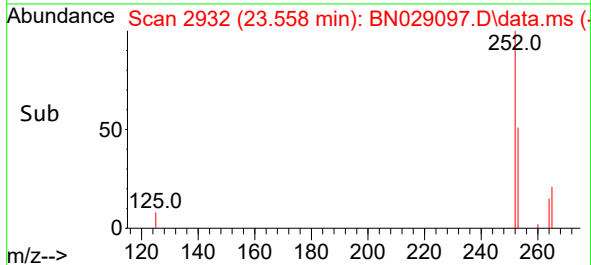
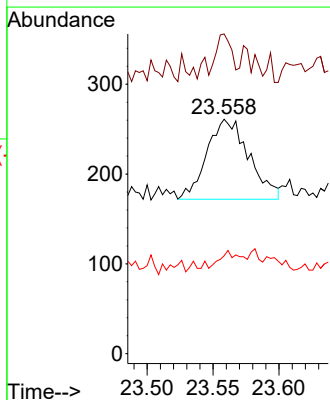
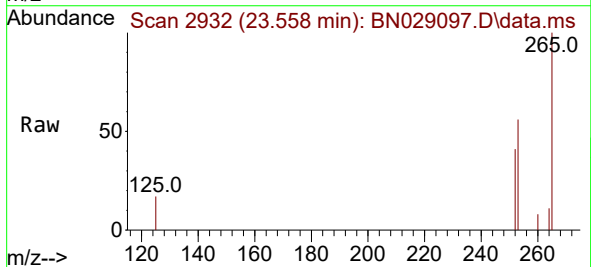


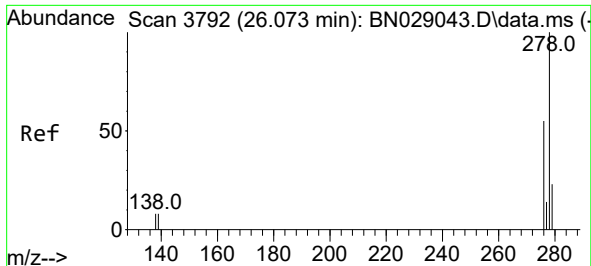
Tgt Ion:252 Resp: 202
Ion Ratio Lower Upper
252 100
253 108.8 23.0 34.4#
125 37.3 5.0 7.6#



#39
Benzo(a)pyrene
Concen: 0.030 ng
RT: 23.558 min Scan# 2932
Delta R.T. -0.006 min
Lab File: BN029097.D
Acq: 07 Dec 2023 18:56

Tgt Ion:252 Resp: 197
Ion Ratio Lower Upper
252 100
253 136.4 25.3 37.9#
125 41.8 6.5 9.7#

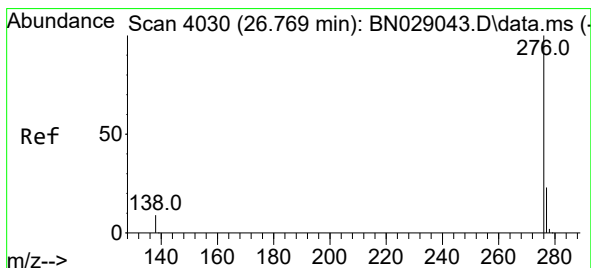
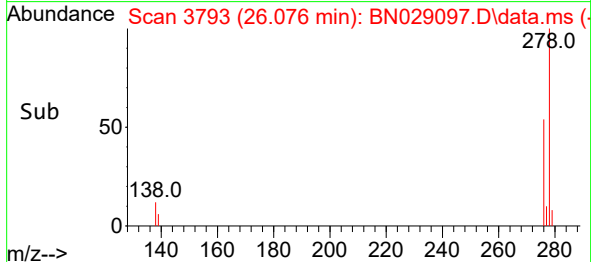
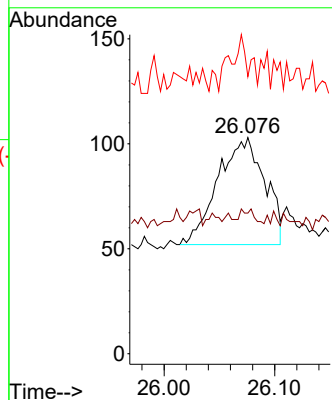
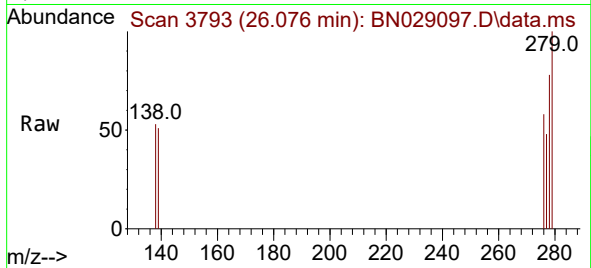




#40
Dibenzo(a,h)anthracene
Concen: 0.025 ng
RT: 26.076 min Scan# 31
Delta R.T. 0.003 min
Lab File: BN029097.D
Acq: 07 Dec 2023 18:56

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

Tgt Ion:278 Resp: 150
Ion Ratio Lower Upper
278 100
139 65.0 9.4 14.2#
279 128.2 24.2 36.4#



#41
Benzo(g,h,i)perylene
Concen: 0.033 ng
RT: 26.757 min Scan# 4026
Delta R.T. -0.012 min
Lab File: BN029097.D
Acq: 07 Dec 2023 18:56

Tgt Ion:276 Resp: 211
Ion Ratio Lower Upper
276 100
277 70.4 20.3 30.5#
138 64.8 9.2 13.8#

