

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029032.D
 Acq On : 03 Dec 2023 22:52
 Operator : MA/JU
 Sample : 05405-01
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01S-20231113

Quant Time: Dec 04 02:23:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 00:28:48 2023
 Response via : Initial Calibration

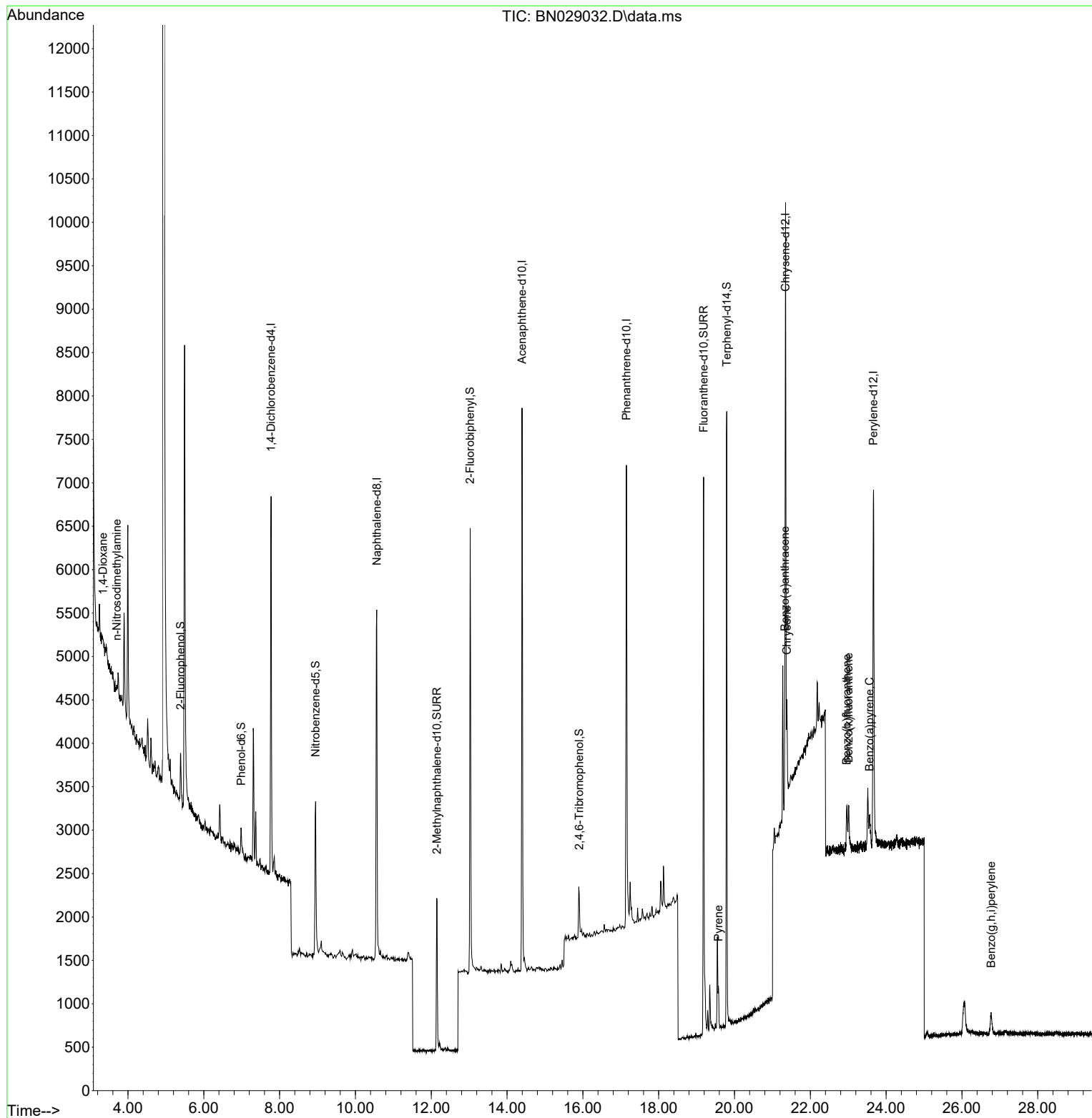
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2085	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5893	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	3721	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	7968	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	6391	0.400	ng	# 0.00
35) Perylene-d12	23.667	264	5853	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	425	0.067	ng	0.00
5) Phenol-d6	6.988	99	297	0.042	ng	0.00
8) Nitrobenzene-d5	8.950	82	1736	0.296	ng	0.00
11) 2-Methylnaphthalene-d10	12.147	152	2634	0.279	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	398	0.158	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	4485	0.279	ng	-0.01
27) Fluoranthene-d10	19.185	212	7787	0.372	ng	0.00
31) Terphenyl-d14	19.794	244	7282	0.400	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.340	88	97	0.048	ng	# 7
3) n-Nitrosodimethylamine	3.702	42	34	0.102	ng	# 74
30) Pyrene	19.576	202	436	0.103	ng	99
32) Benzo(a)anthracene	21.329	228	727	0.027	ng	# 91
33) Chrysene	21.383	228	783	0.029	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.275	149	1799	Below Cal		# 88
37) Benzo(b)fluoranthene	22.959	252	635	0.027	ng	# 79
38) Benzo(k)fluoranthene	23.009	252	587	0.026	ng	# 77
39) Benzo(a)pyrene	23.564	252	540	0.025	ng	# 76
41) Benzo(g,h,i)perylene	26.769	276	510	0.023	ng	# 77

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

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RW10-MW01S-20231113

Quant Time: Dec 04 02:23:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
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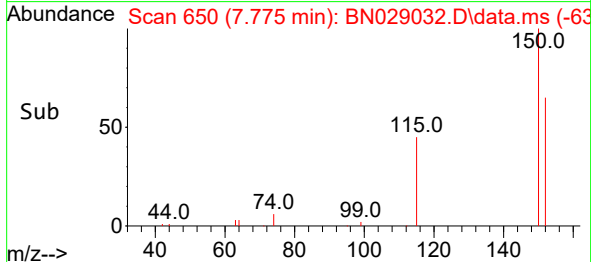
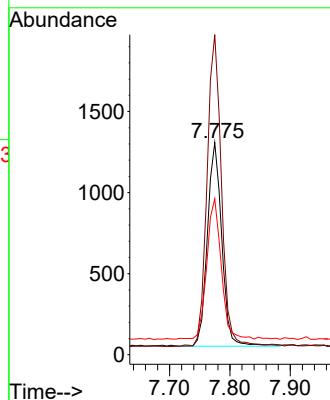
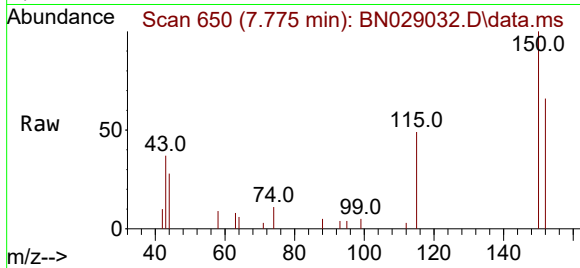




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN029032.D
 Acq: 03 Dec 2023 22:52

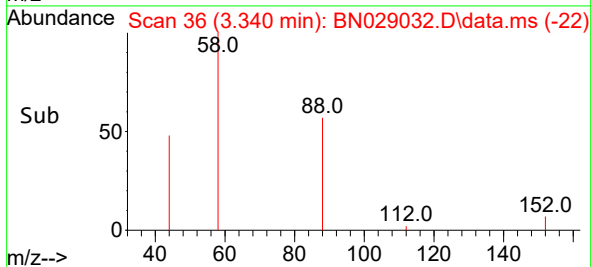
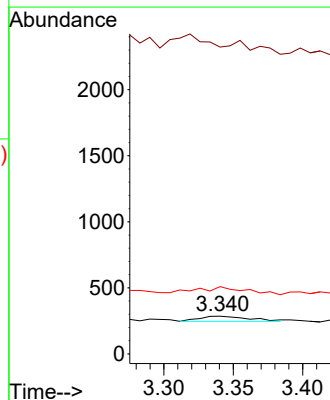
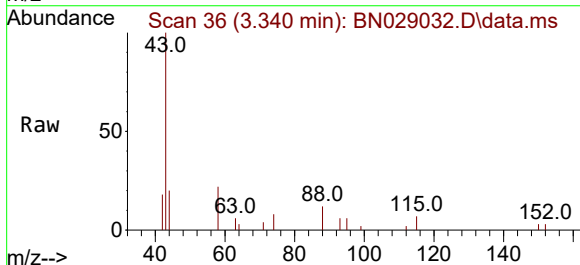
Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01S-20231113

Tgt Ion:152 Resp: 2085
 Ion Ratio Lower Upper
 152 100
 150 150.8 123.4 185.2
 115 73.4 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.048 ng
 RT: 3.340 min Scan# 36
 Delta R.T. -0.000 min
 Lab File: BN029032.D
 Acq: 03 Dec 2023 22:52

Tgt Ion: 88 Resp: 97
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.9 44.9#
 58 157.7 55.0 82.4#





#3

n-Nitrosodimethylamine

Concen: 0.102 ng

RT: 3.702 min Scan# 80

Delta R.T. -0.015 min

Lab File: BN029032.D

Acq: 03 Dec 2023 22:52

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20231113

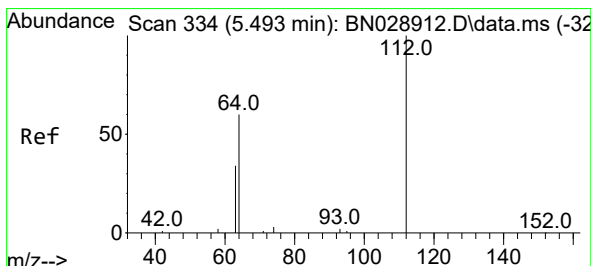
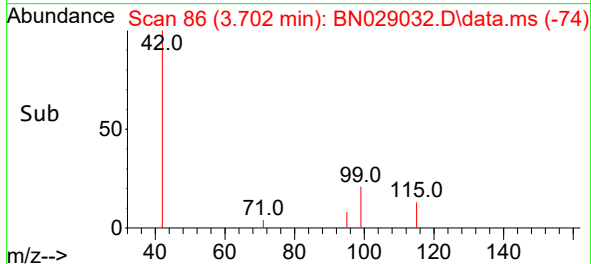
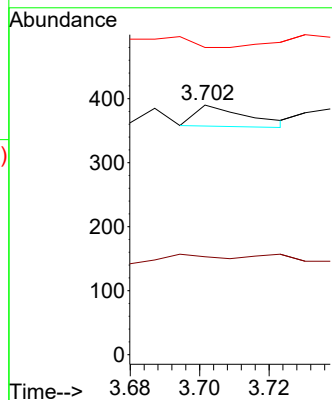
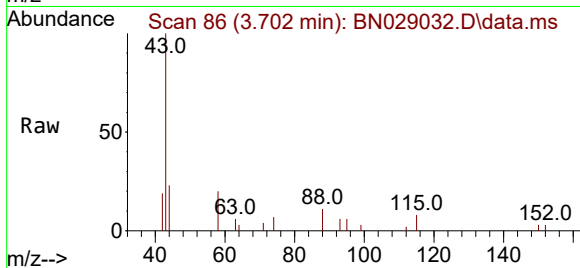
Tgt Ion: 42 Resp: 34

Ion Ratio Lower Upper

42 100

74 50.0 57.0 85.6#

44 126.5 0.0 0.0#



#4

2-Fluorophenol

Concen: 0.067 ng

RT: 5.392 min Scan# 320

Delta R.T. -0.007 min

Lab File: BN029032.D

Acq: 03 Dec 2023 22:52

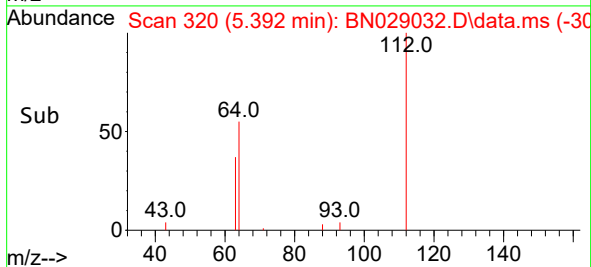
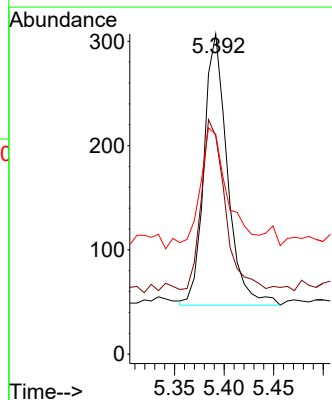
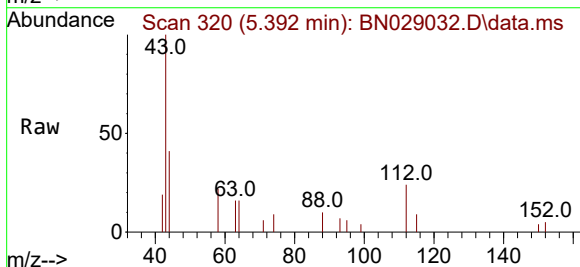
Tgt Ion: 112 Resp: 425

Ion Ratio Lower Upper

112 100

64 64.7 51.5 77.3

63 54.4 30.4 45.6#

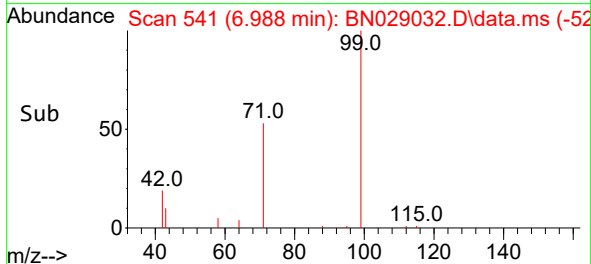
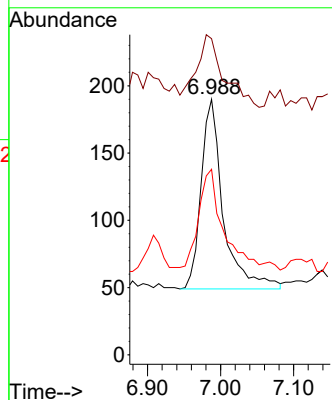
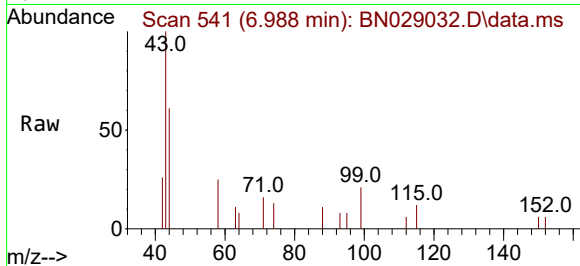




#5
Phenol-d6
Concen: 0.042 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

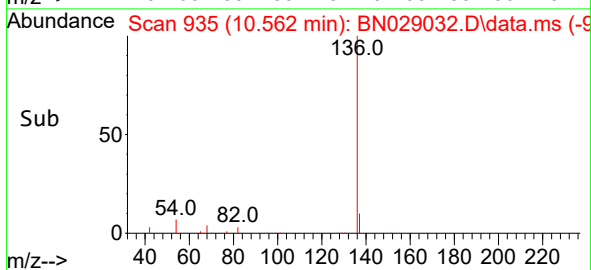
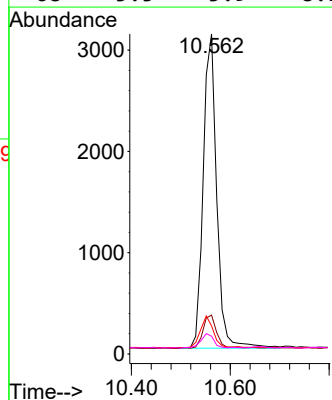
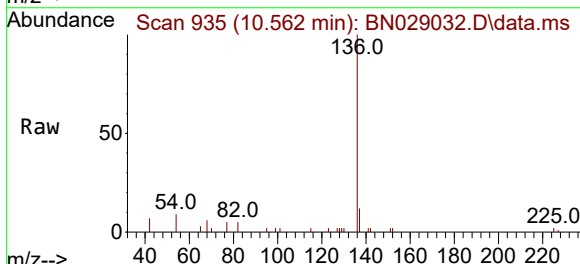
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

Tgt Ion: 99 Resp: 297
Ion Ratio Lower Upper
99 100
42 48.5 21.2 31.8#
71 60.6 35.4 53.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.000 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Tgt Ion: 136 Resp: 5893
Ion Ratio Lower Upper
136 100
137 12.2 10.6 16.0
54 8.8 7.5 11.3
68 5.5 5.9 8.9#

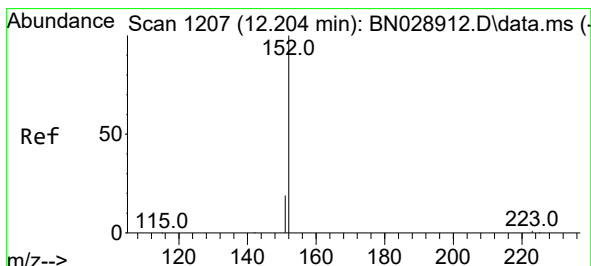
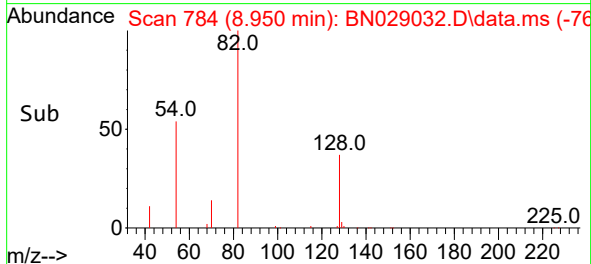
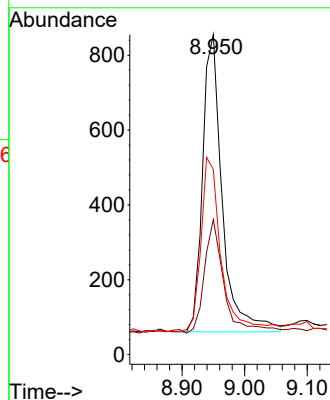
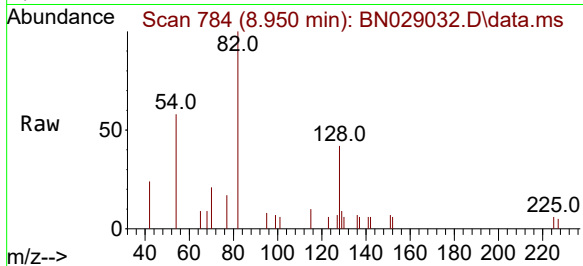




#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.950 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

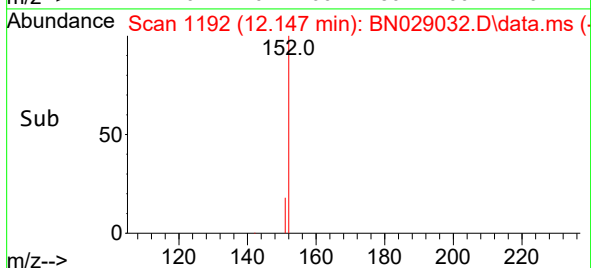
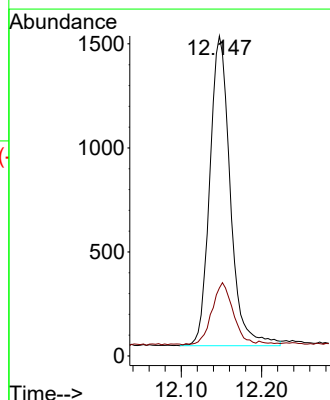
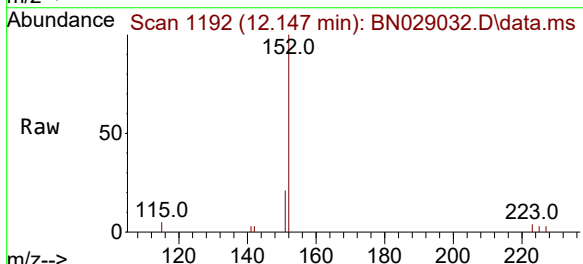
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

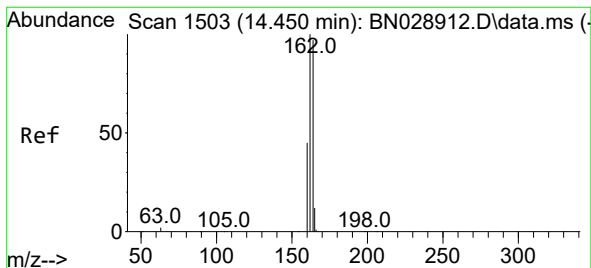
Tgt Ion: 82 Resp: 1736
Ion Ratio Lower Upper
82 100
128 42.2 29.2 43.8
54 57.9 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 12.147 min Scan# 1192
Delta R.T. -0.004 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Tgt Ion: 152 Resp: 2634
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.396 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN029032.D

Acq: 03 Dec 2023 22:52

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20231113

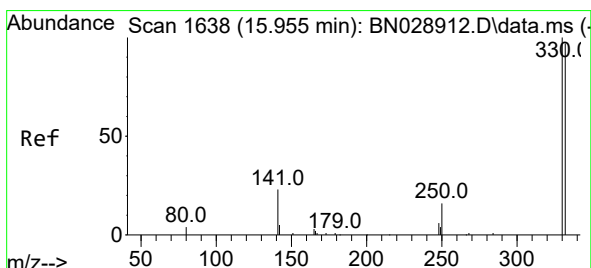
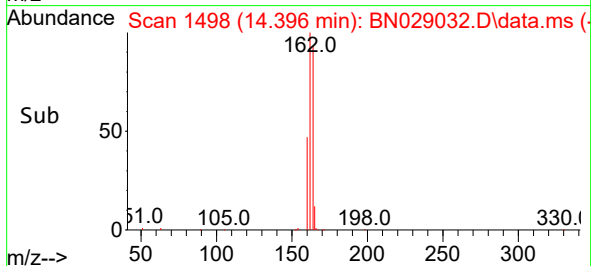
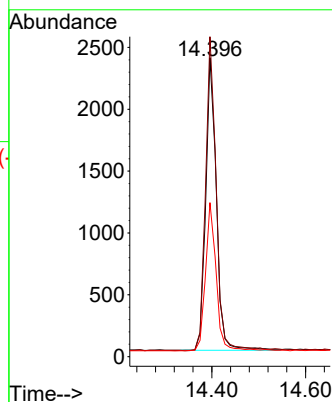
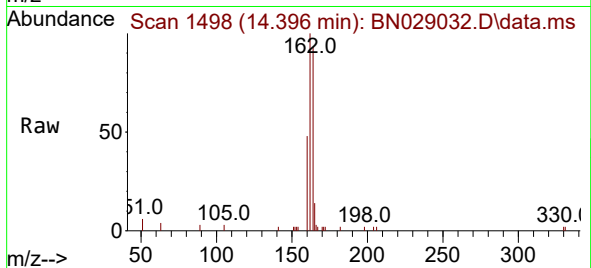
Tgt Ion:164 Resp: 3721

Ion Ratio Lower Upper

164 100

162 107.0 81.7 122.5

160 51.5 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.158 ng

RT: 15.905 min Scan# 1634

Delta R.T. -0.000 min

Lab File: BN029032.D

Acq: 03 Dec 2023 22:52

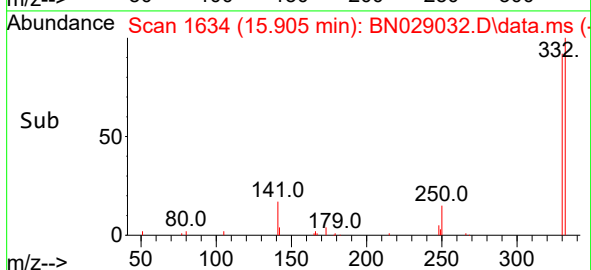
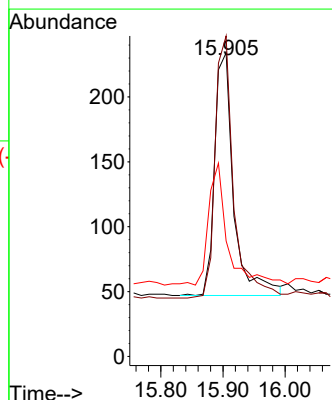
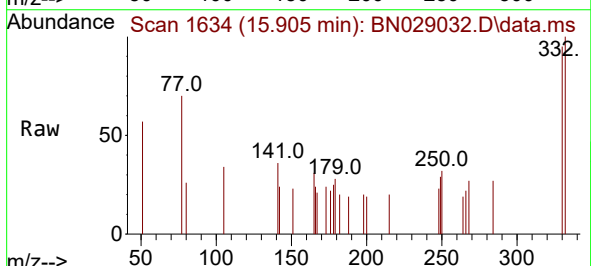
Tgt Ion:330 Resp: 398

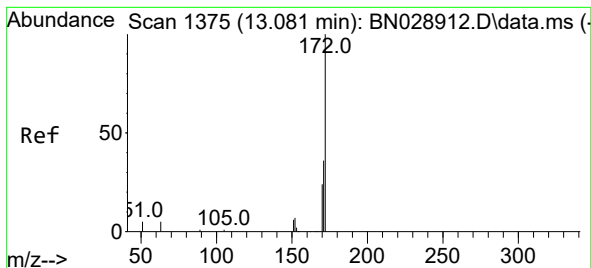
Ion Ratio Lower Upper

330 100

332 104.8 75.4 113.2

141 47.2 35.7 53.5





#15

2-Fluorobiphenyl

Concen: 0.279 ng

RT: 13.028 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN029032.D

Acq: 03 Dec 2023 22:52

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20231113

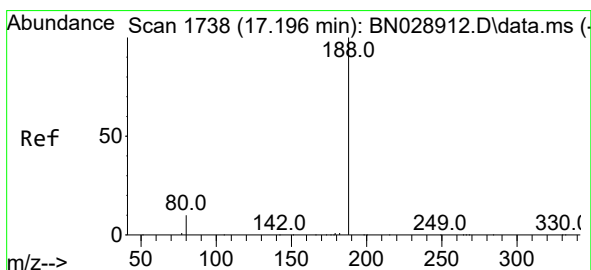
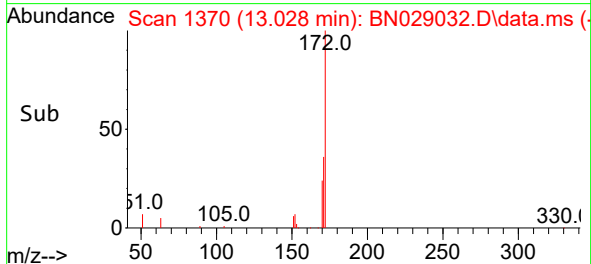
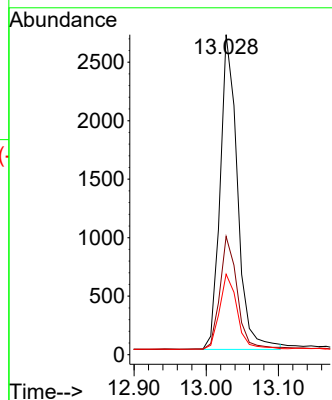
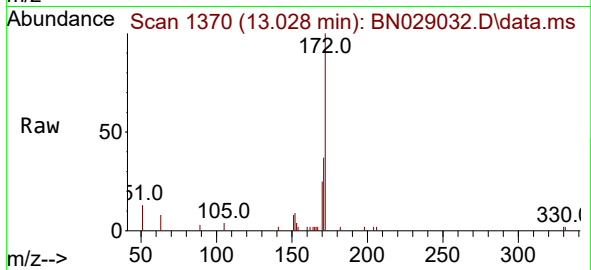
Tgt Ion:172 Resp: 4485

Ion Ratio Lower Upper

172 100

171 36.9 29.0 43.4

170 25.2 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.146 min Scan# 1734

Delta R.T. -0.013 min

Lab File: BN029032.D

Acq: 03 Dec 2023 22:52

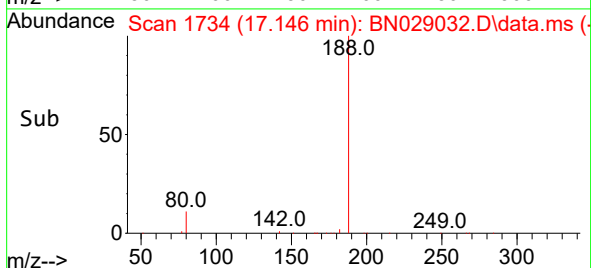
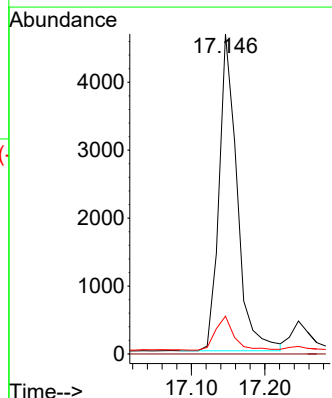
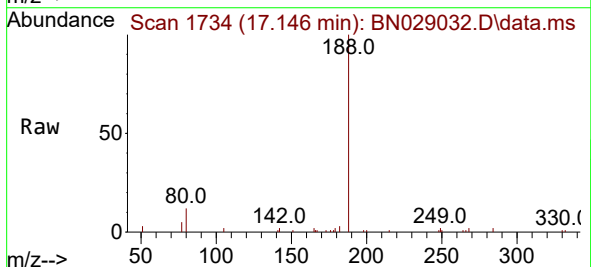
Tgt Ion:188 Resp: 7968

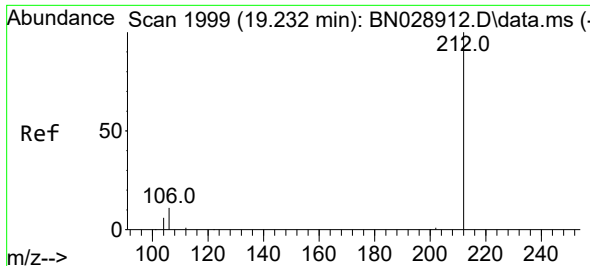
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 9.0 13.6

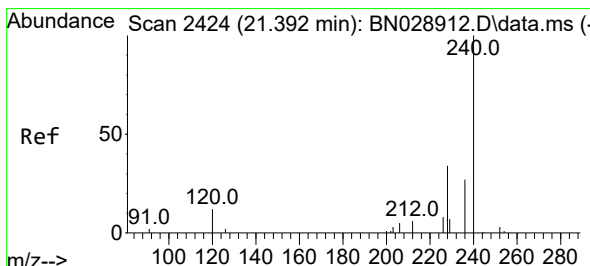
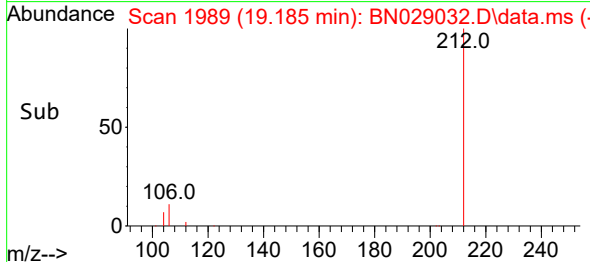
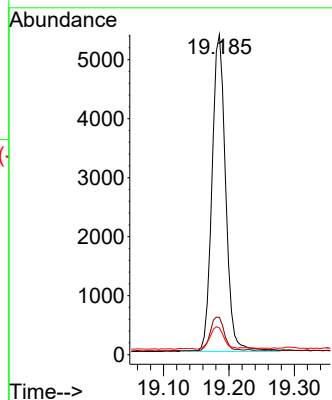
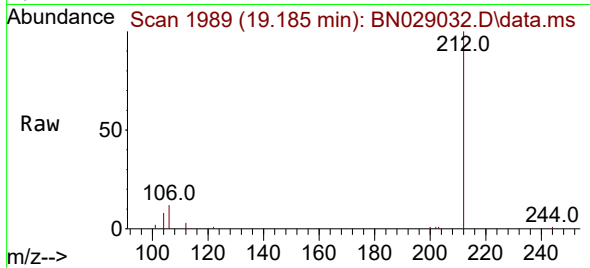




#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.185 min Scan# 1999
Delta R.T. -0.005 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

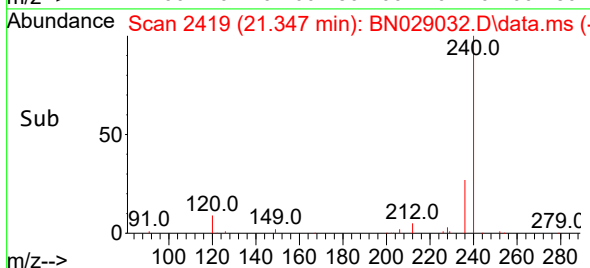
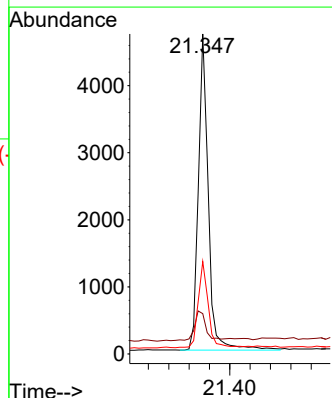
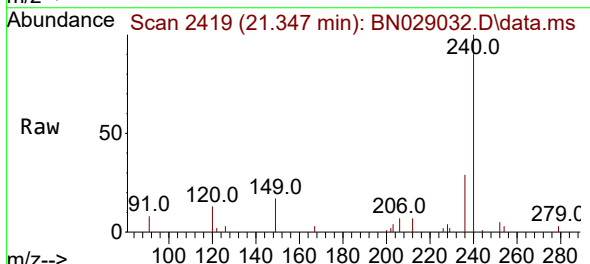
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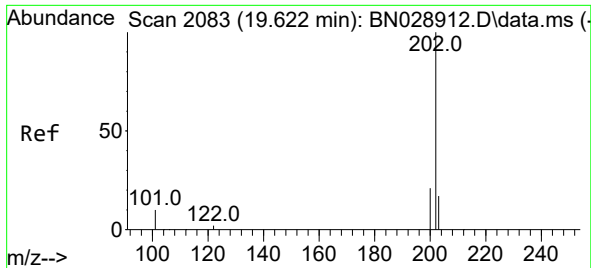
Tgt Ion:212 Resp: 7787
Ion Ratio Lower Upper
212 100
106 11.2 9.4 14.2
104 7.2 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Tgt Ion:240 Resp: 6391
Ion Ratio Lower Upper
240 100
120 12.6 37.1 55.7#
236 28.9 32.4 48.6#

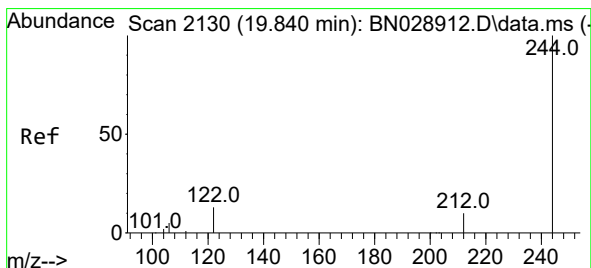
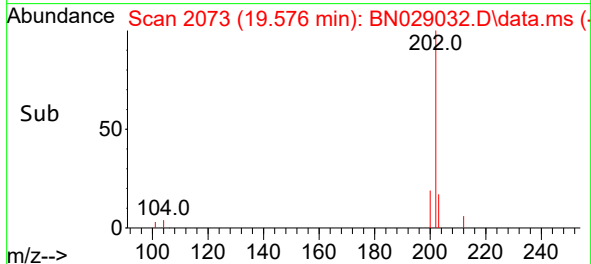
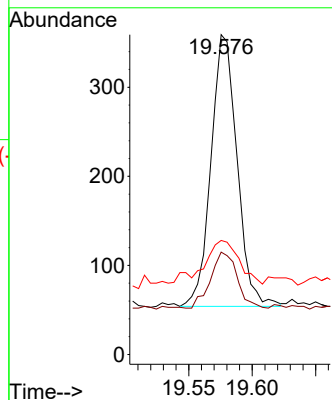
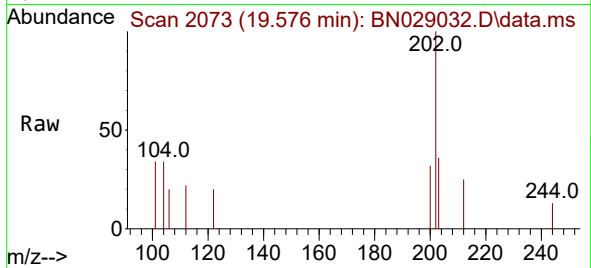




#30
Pyrene
Concen: 0.103 ng
RT: 19.576 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

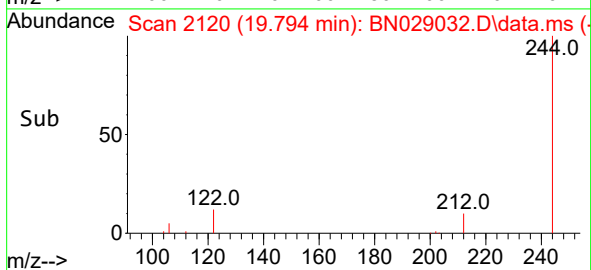
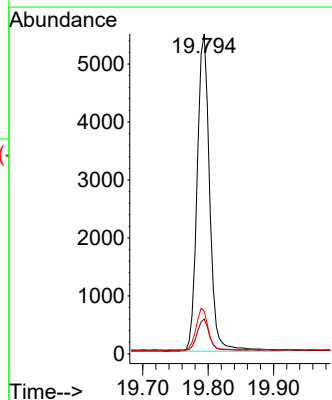
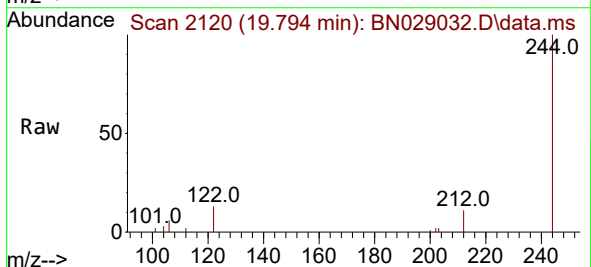
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

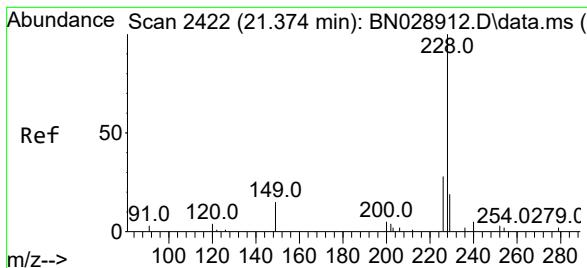
Tgt Ion:	202	Resp:	436
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.9	25.3
203	19.3	14.8	22.2



#31
Terphenyl-d14
Concen: 0.400 ng
RT: 19.794 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Tgt Ion:	244	Resp:	7282
Ion Ratio	Lower	Upper	
244	100		
212	10.9	11.5	17.3#
122	13.4	13.2	19.8





#32

Benzo(a)anthracene

Concen: 0.027 ng

RT: 21.329 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BN029032.D

Acq: 03 Dec 2023 22:52

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20231113

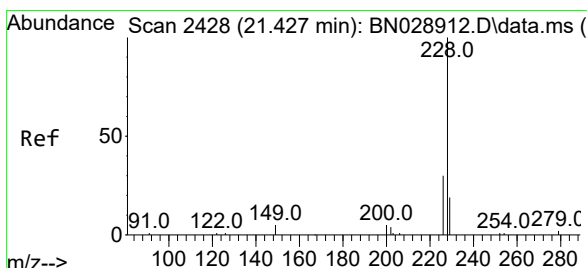
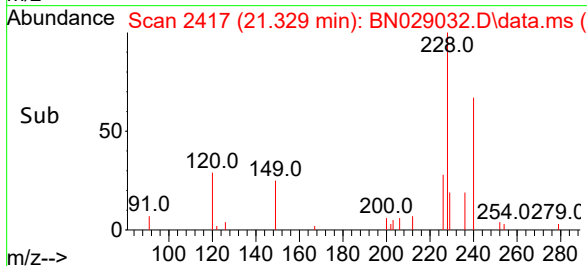
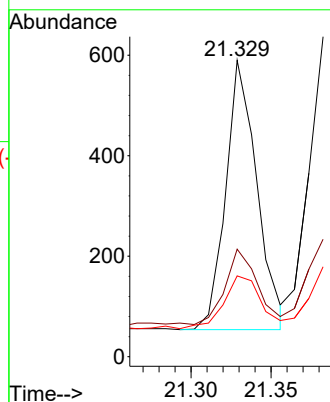
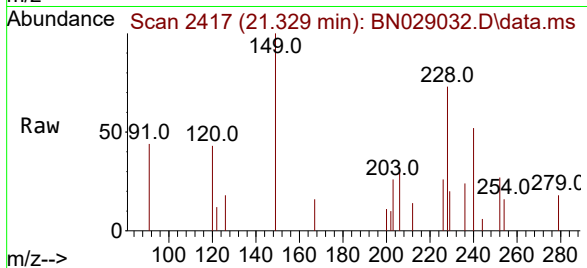
Tgt Ion:228 Resp: 727

Ion Ratio Lower Upper

228 100

226 36.3 26.5 39.7

229 27.3 16.4 24.6#



#33

Chrysene

Concen: 0.029 ng

RT: 21.383 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BN029032.D

Acq: 03 Dec 2023 22:52

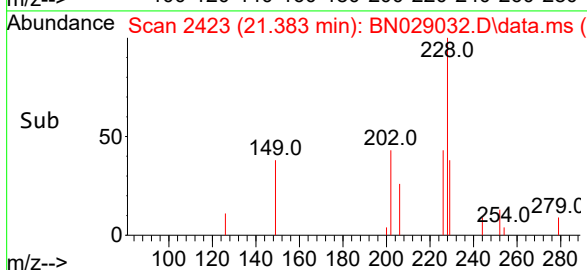
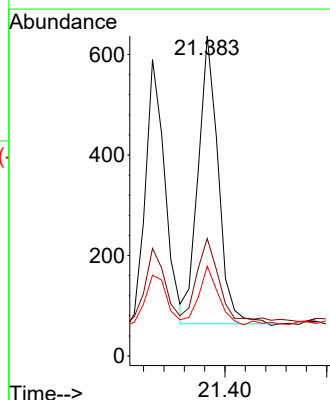
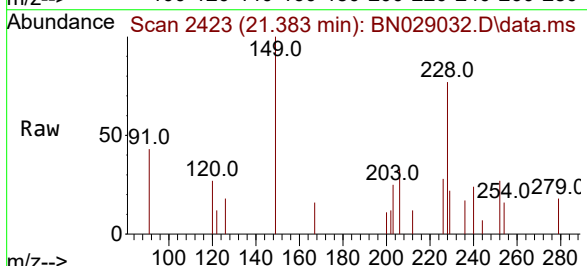
Tgt Ion:228 Resp: 783

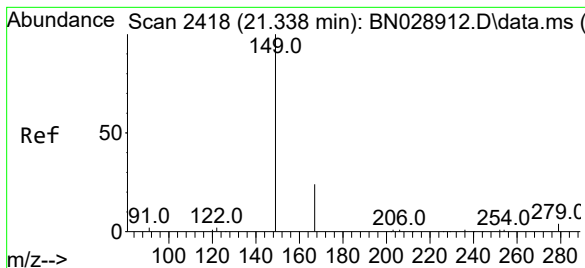
Ion Ratio Lower Upper

228 100

226 36.7 28.3 42.5

229 28.1 16.4 24.6#

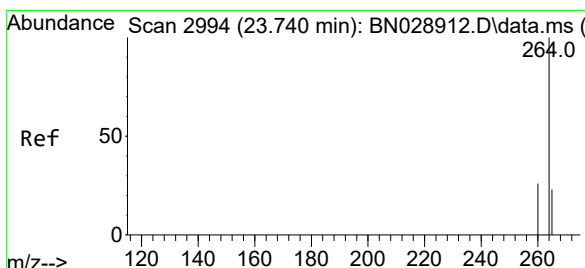
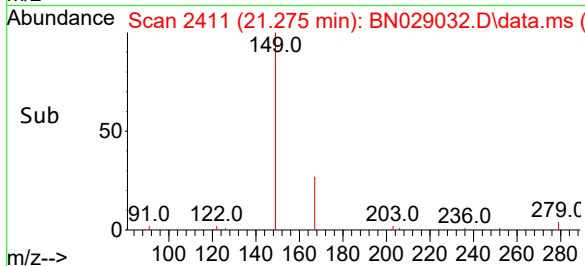
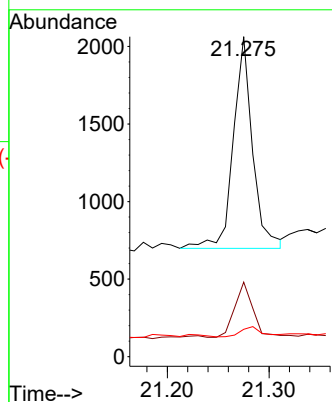
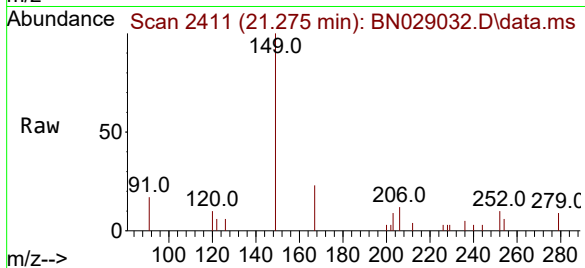




#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.275 min Scan# 2411
 Delta R.T. -0.000 min
 Lab File: BN029032.D
 Acq: 03 Dec 2023 22:52

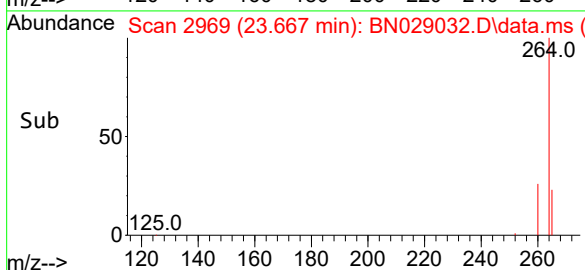
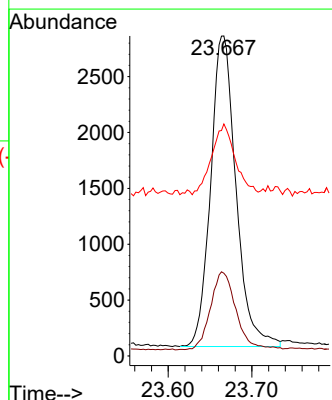
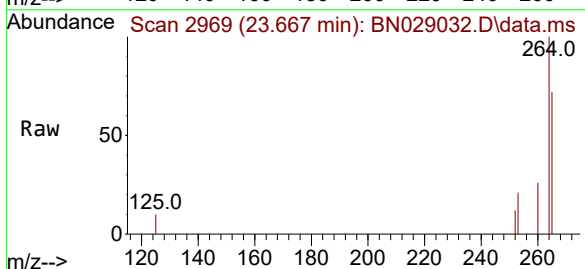
Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01S-20231113

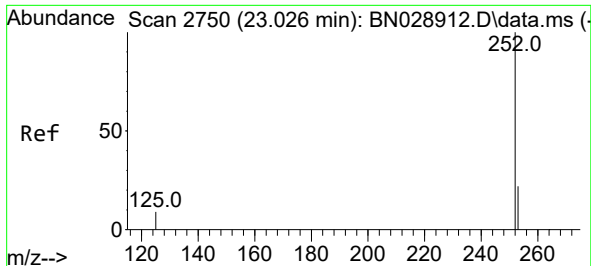
Tgt Ion:149 Resp: 1799
 Ion Ratio Lower Upper
 149 100
 167 25.0 14.9 22.3#
 279 5.3 6.3 9.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.667 min Scan# 2969
 Delta R.T. -0.003 min
 Lab File: BN029032.D
 Acq: 03 Dec 2023 22:52

Tgt Ion:264 Resp: 5853
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.6 30.8
 265 72.5 464.5 696.7#

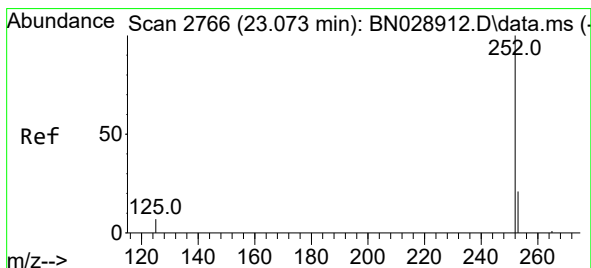
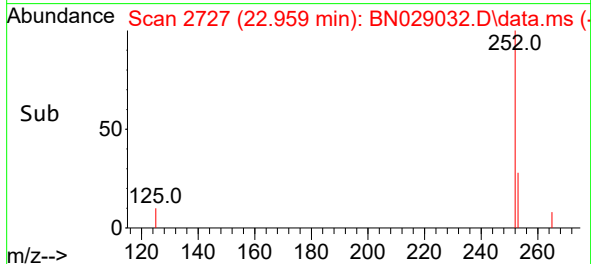
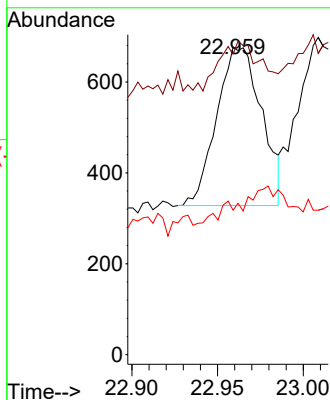
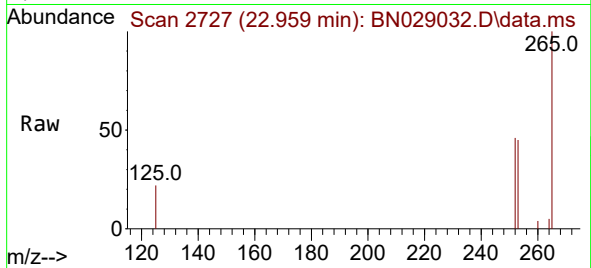




#37
Benzo(b)fluoranthene
Concen: 0.027 ng
RT: 22.959 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

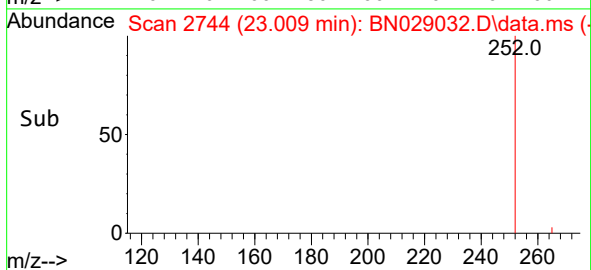
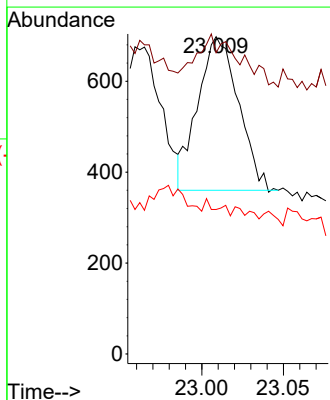
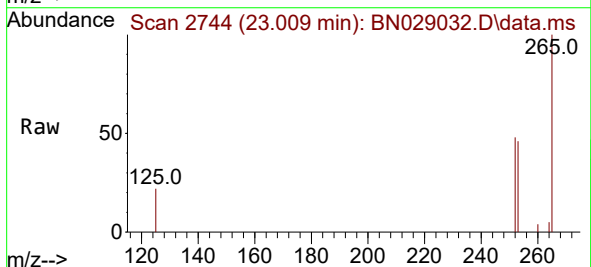
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

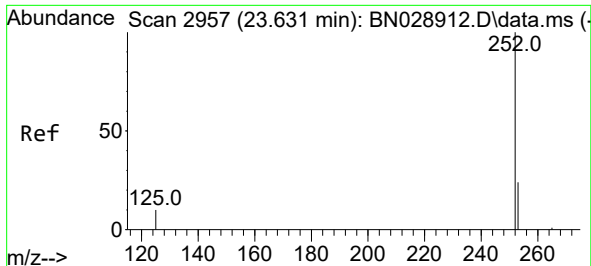
Tgt Ion:252 Resp: 635
Ion Ratio Lower Upper
252 100
253 97.8 94.5 141.7
125 47.0 23.8 35.8#



#38
Benzo(k)fluoranthene
Concen: 0.026 ng
RT: 23.009 min Scan# 2744
Delta R.T. -0.003 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Tgt Ion:252 Resp: 587
Ion Ratio Lower Upper
252 100
253 95.0 95.2 142.8#
125 45.6 24.3 36.5#

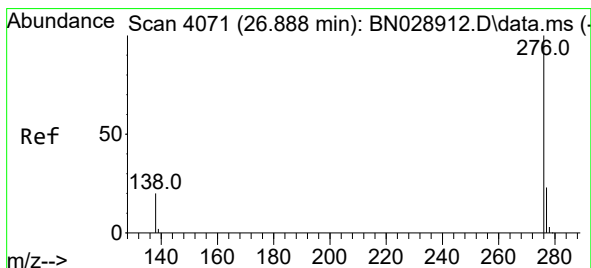
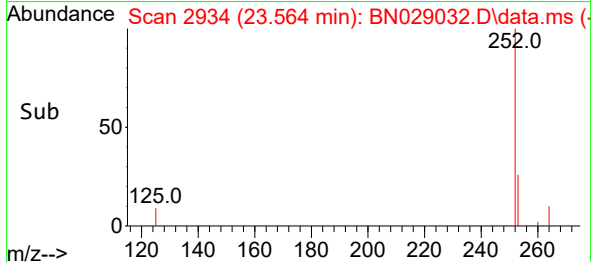
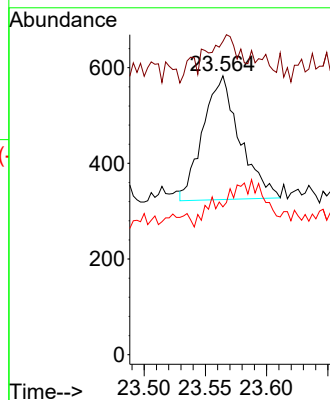
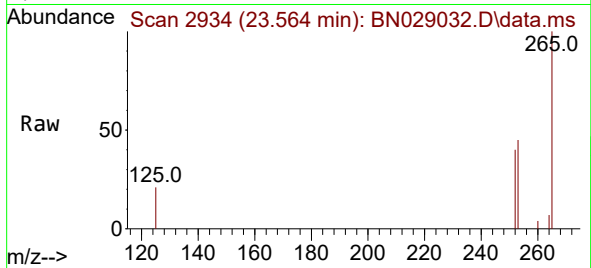




#39
Benzo(a)pyrene
Concen: 0.025 ng
RT: 23.564 min Scan# 2957
Delta R.T. -0.000 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20231113

Tgt Ion:252 Resp: 540
Ion Ratio Lower Upper
252 100
253 112.3 110.2 165.4
125 53.0 27.0 40.4#



#41
Benzo(g,h,i)perylene
Concen: 0.023 ng
RT: 26.769 min Scan# 4030
Delta R.T. -0.009 min
Lab File: BN029032.D
Acq: 03 Dec 2023 22:52

Tgt Ion:276 Resp: 510
Ion Ratio Lower Upper
276 100
277 51.8 28.9 43.3#
138 58.4 36.2 54.2#

