

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033052.D
 Acq On : 28 Jul 2024 02:52
 Operator : MA/JU
 Sample : P3338-03
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB196-HYD-20240718

Quant Time: Jul 29 01:11:35 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)

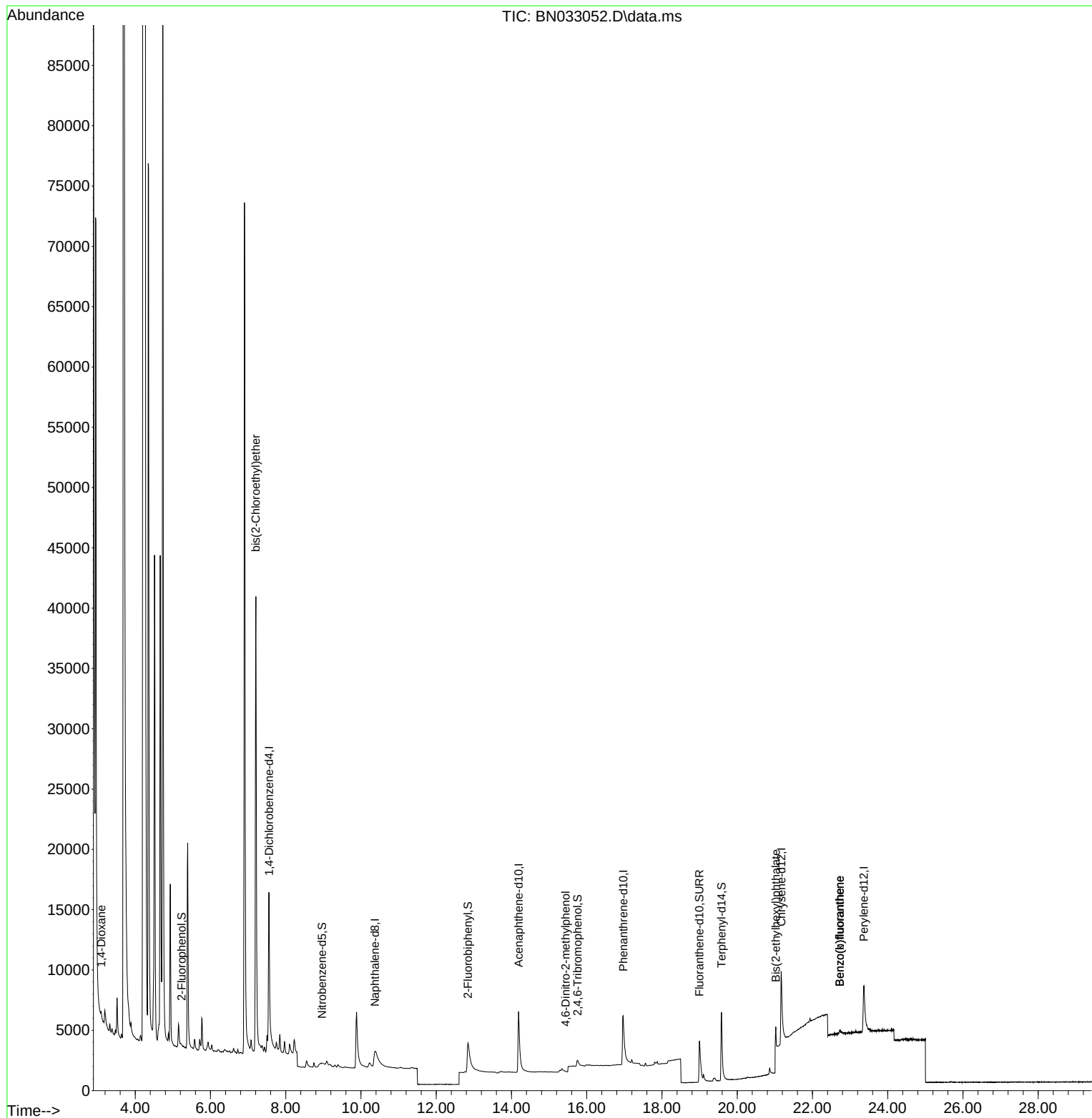
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	2197	0.400	ng	# 0.03
7) Naphthalene-d8	10.372	136	8029	0.400	ng	# 0.07
13) Acenaphthene-d10	14.190	164	6093	0.400	ng	0.01
19) Phenanthrene-d10	16.970	188	13064	0.400	ng	0.02
29) Chrysene-d12	21.169	240	11044	0.400	ng	0.00
35) Perylene-d12	23.367	264	9531	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	142	0.026	ng	0.06
5) Phenol-d6	6.795	99	2	0.000	ng	0.02
8) Nitrobenzene-d5	8.963	82	1529	0.253	ng	0.23
11) 2-Methylnaphthalene-d10	12.007	152	11	0.001	ng	0.09
14) 2,4,6-Tribromophenol	15.753	330	640	0.246	ng	0.03
15) 2-Fluorobiphenyl	12.843	172	7718	0.340	ng	0.03
27) Fluoranthene-d10	18.997	212	7621	0.225	ng	0.00
31) Terphenyl-d14	19.582	244	10990	0.485	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.097	88	352	0.129	ng	# 53
6) bis(2-Chloroethyl)ether	7.207	93	28279	4.902	ng	# 56
20) 4,6-Dinitro-2-methylph...	15.441	198	6	0.295	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.026	149	4966	0.257	ng	# 86
37) Benzo(b)fluoranthene	22.724	252	795	0.024	ng	# 1
38) Benzo(k)fluoranthene	22.724	252	795	0.021	ng	# 1

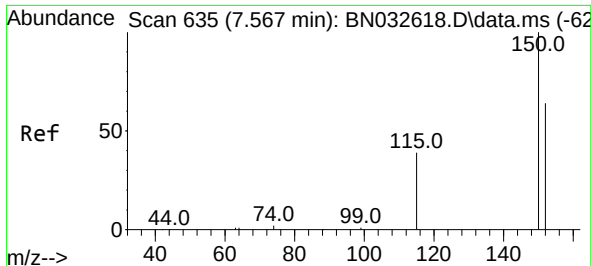
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
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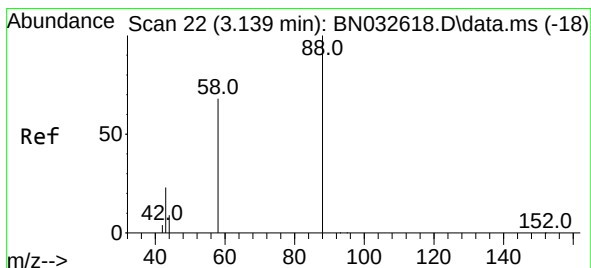
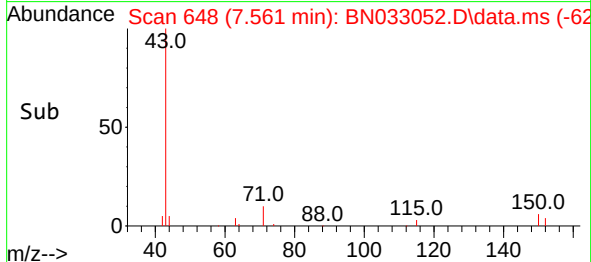
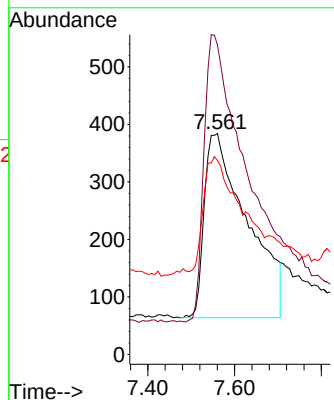
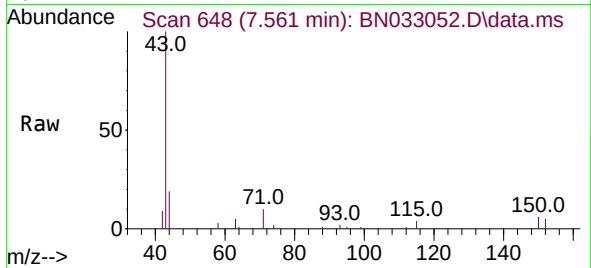




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.561 min Scan# 64
 Delta R.T. 0.030 min
 Lab File: BN033052.D
 Acq: 28 Jul 2024 02:52

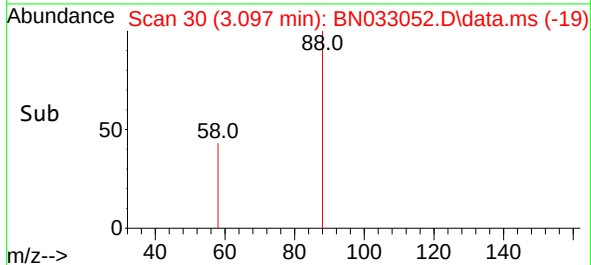
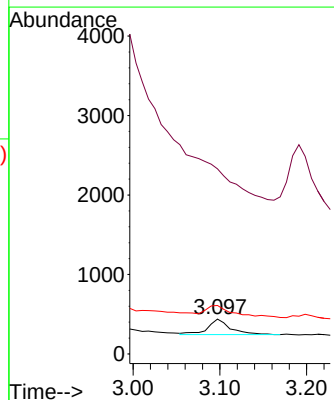
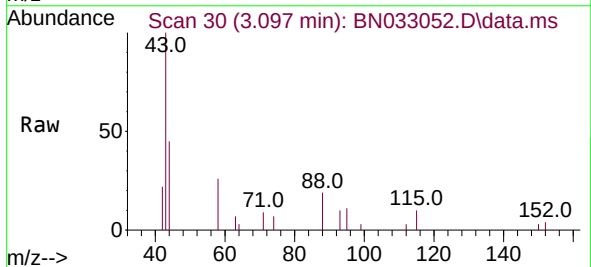
Instrument :
 BNA_N
 ClientSampleId :
 VPB196-HYD-20240718

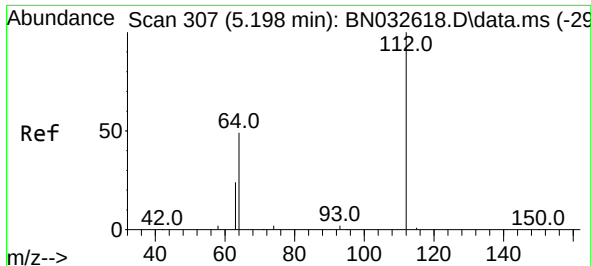
Tgt Ion:152 Resp: 2197
 Ion Ratio Lower Upper
 152 100
 150 140.1 123.8 185.6
 115 87.8 52.8 79.2#



#2
 1,4-Dioxane
 Concen: 0.129 ng
 RT: 3.097 min Scan# 30
 Delta R.T. -0.020 min
 Lab File: BN033052.D
 Acq: 28 Jul 2024 02:52

Tgt Ion: 88 Resp: 352
 Ion Ratio Lower Upper
 88 100
 43 0.0 18.4 27.6#
 58 97.4 49.2 73.8#





#4

2-Fluorophenol

Concen: 0.026 ng

RT: 5.235 min Scan# 31

Delta R.T. 0.059 min

Lab File: BN033052.D

Acq: 28 Jul 2024 02:52

Instrument :

BNA_N

ClientSampleId :

VPB196-HYD-20240718

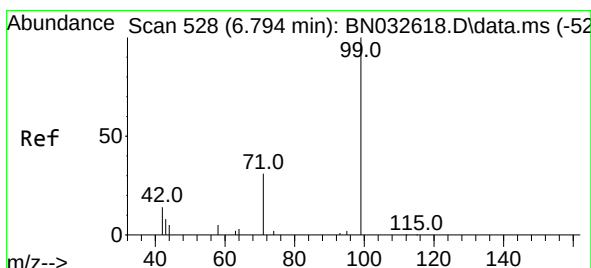
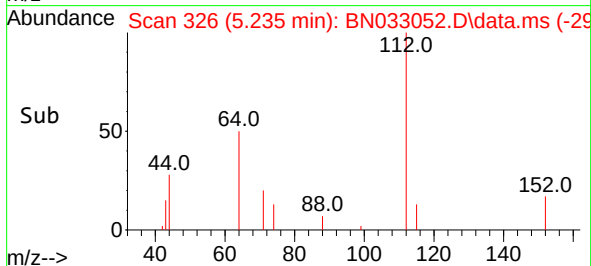
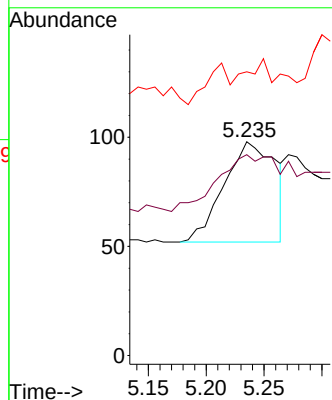
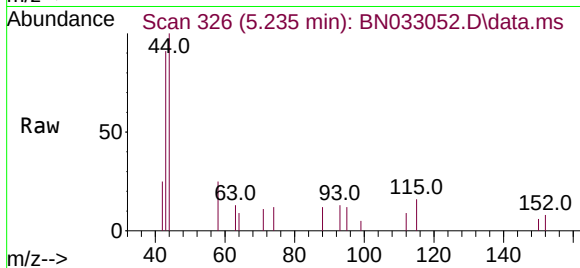
Tgt Ion:112 Resp: 142

Ion Ratio Lower Upper

112 100

64 81.0 40.2 60.4#

63 25.4 22.2 33.4



#5

Phenol-d6

Concen: 0.000 ng

RT: 6.795 min Scan# 542

Delta R.T. 0.016 min

Lab File: BN033052.D

Acq: 28 Jul 2024 02:52

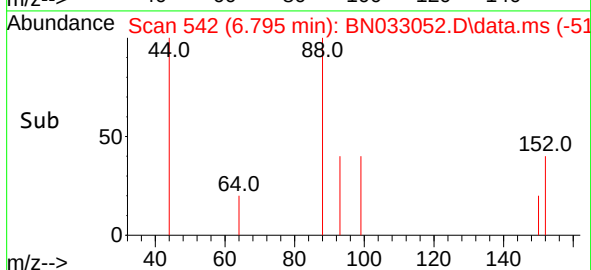
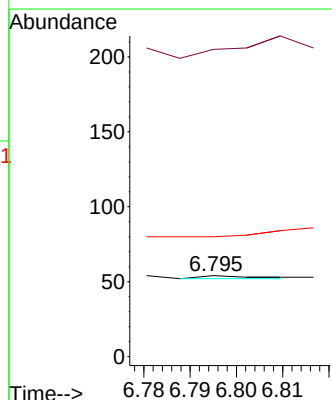
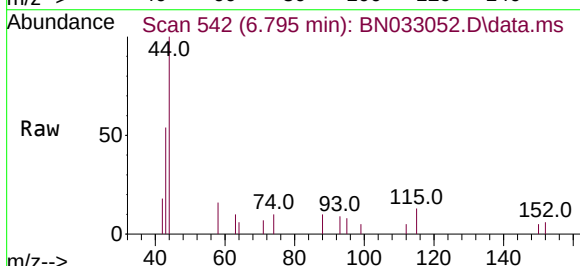
Tgt Ion: 99 Resp: 2

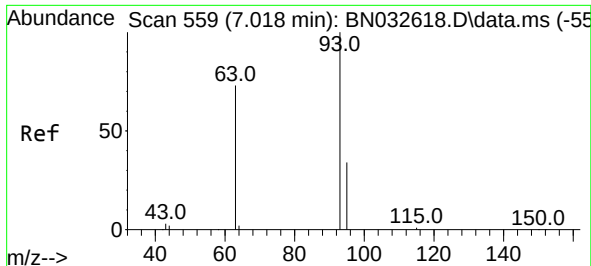
Ion Ratio Lower Upper

99 100

42 0.0 10.5 15.7#

71 0.0 22.3 33.5#

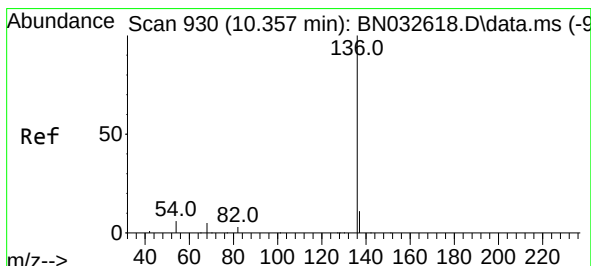
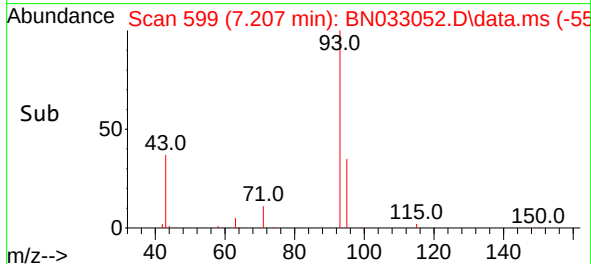
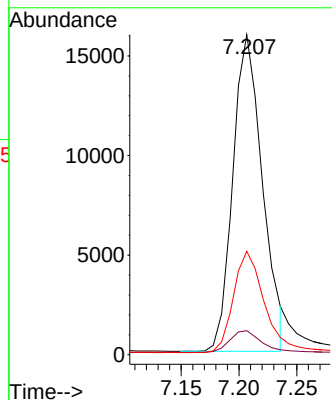
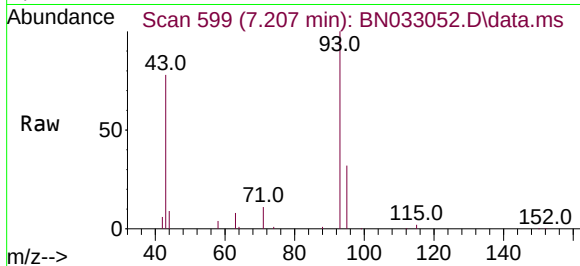




#6
bis(2-Chloroethyl)ether
Concen: 4.902 ng
RT: 7.207 min Scan# 51
Delta R.T. 0.218 min
Lab File: BN033052.D
Acq: 28 Jul 2024 02:52

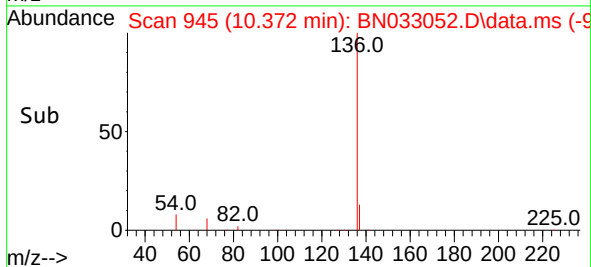
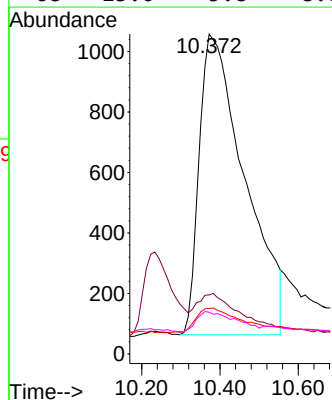
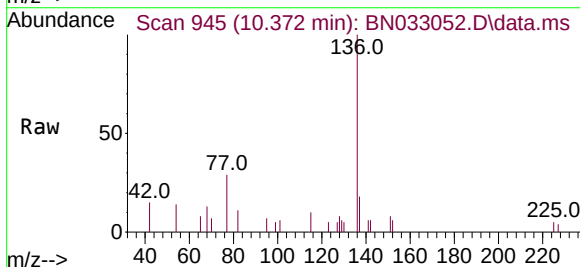
Instrument :
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VPB196-HYD-20240718

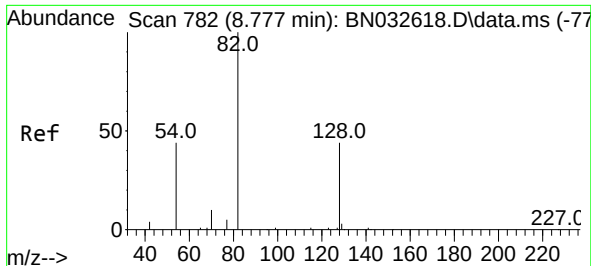
Tgt Ion: 93 Resp: 28279
Ion Ratio Lower Upper
93 100
63 7.3 46.4 69.6#
95 31.8 25.5 38.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. 0.069 min
Lab File: BN033052.D
Acq: 28 Jul 2024 02:52

Tgt Ion:136 Resp: 8029
Ion Ratio Lower Upper
136 100
137 18.4 9.9 14.9#
54 14.2 6.5 9.7#
68 13.0 5.8 8.8#

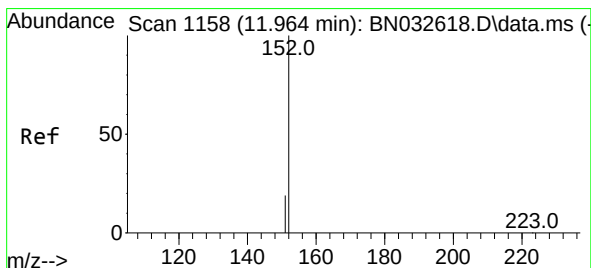
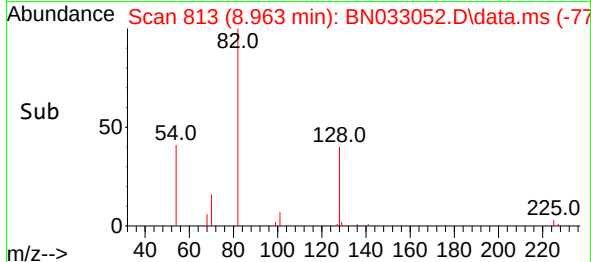
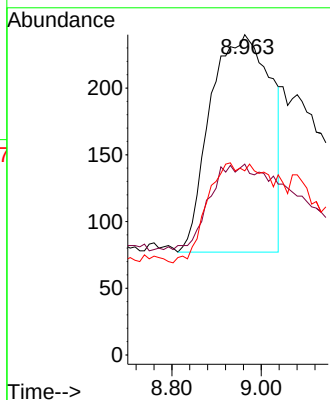
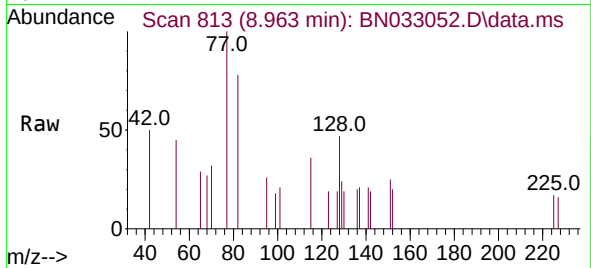




#8
Nitrobenzene-d5
Concen: 0.253 ng
RT: 8.963 min Scan# 81
Delta R.T. 0.229 min
Lab File: BN033052.D
Acq: 28 Jul 2024 02:52

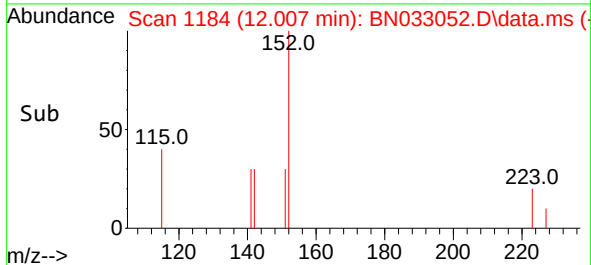
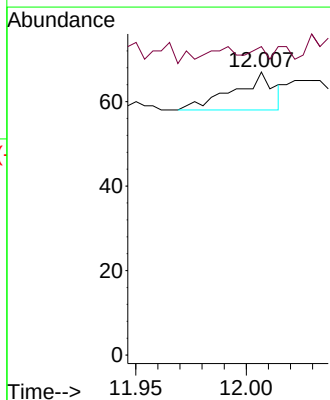
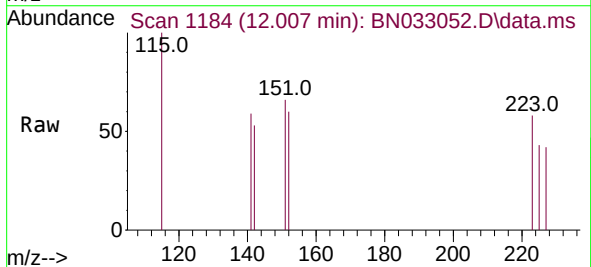
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240718

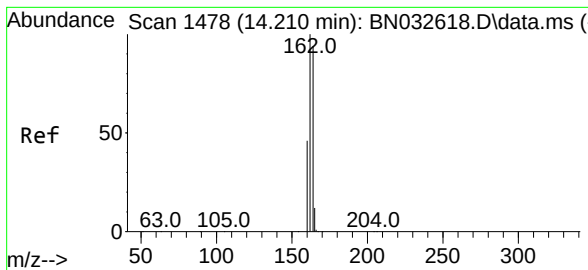
Tgt Ion: 82 Resp: 1529
Ion Ratio Lower Upper
82 100
128 59.6 41.7 62.5
54 57.5 39.5 59.3



#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.007 min Scan# 1184
Delta R.T. 0.092 min
Lab File: BN033052.D
Acq: 28 Jul 2024 02:52

Tgt Ion:152 Resp: 11
Ion Ratio Lower Upper
152 100
151 9.1 16.2 24.2#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.190 min Scan# 1478

Delta R.T. 0.012 min

Lab File: BN033052.D

Acq: 28 Jul 2024 02:52

Instrument :

BNA_N

ClientSampleId :

VPB196-HYD-20240718

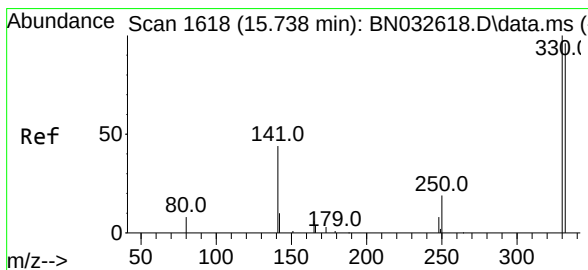
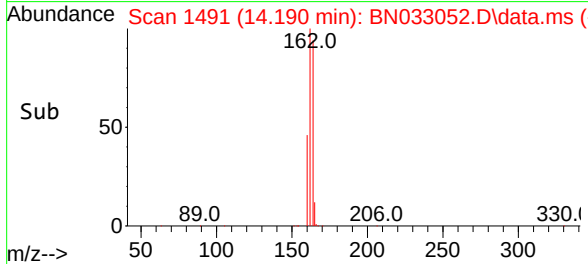
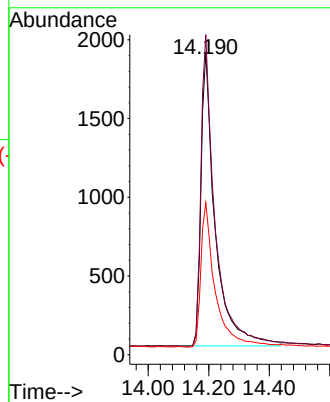
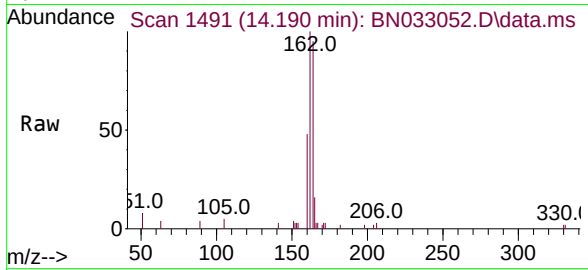
Tgt Ion:164 Resp: 6093

Ion Ratio Lower Upper

164 100

162 105.6 85.0 127.4

160 50.2 39.4 59.2



#14

2,4,6-Tribromophenol

Concen: 0.246 ng

RT: 15.753 min Scan# 1634

Delta R.T. 0.028 min

Lab File: BN033052.D

Acq: 28 Jul 2024 02:52

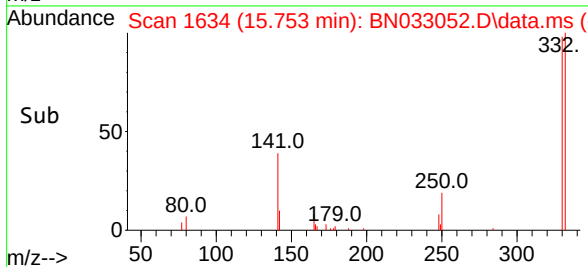
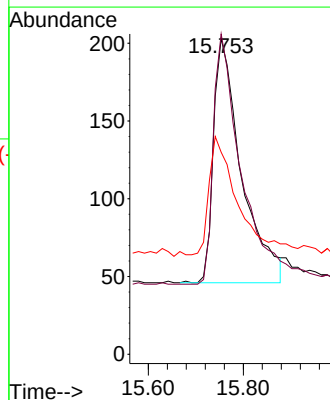
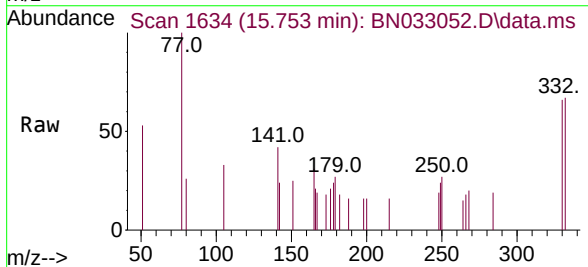
Tgt Ion:330 Resp: 640

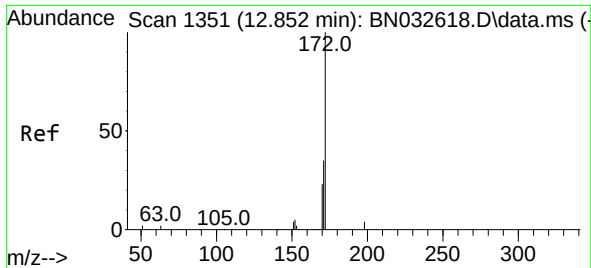
Ion Ratio Lower Upper

330 100

332 102.8 77.8 116.8

141 48.6 34.2 51.2

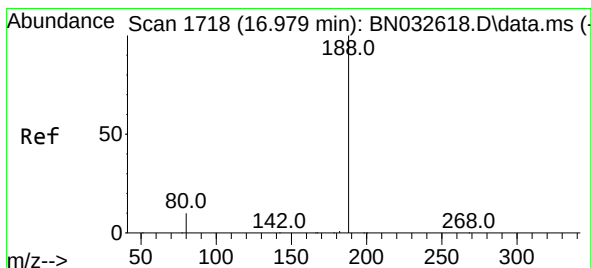
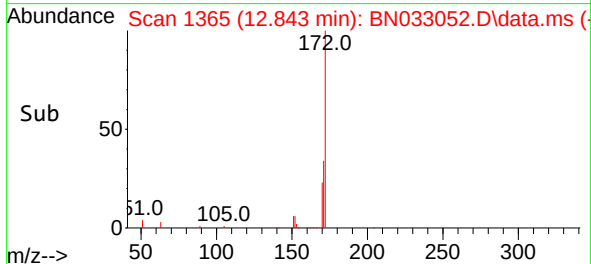
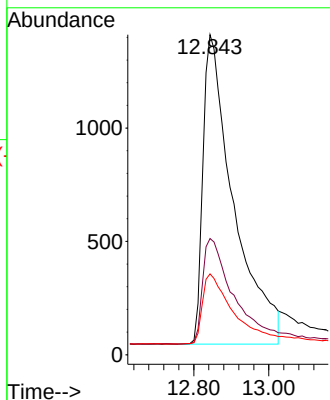
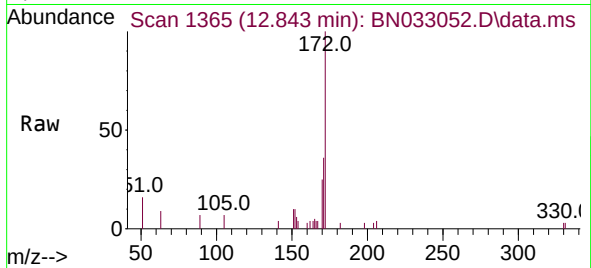




#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 12.843 min Scan# 11
Delta R.T. 0.034 min
Lab File: BN033052.D
Acq: 28 Jul 2024 02:52

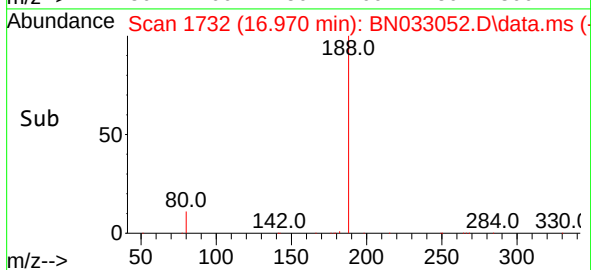
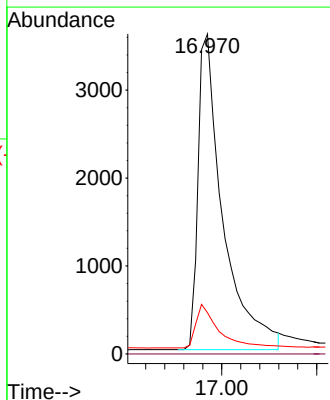
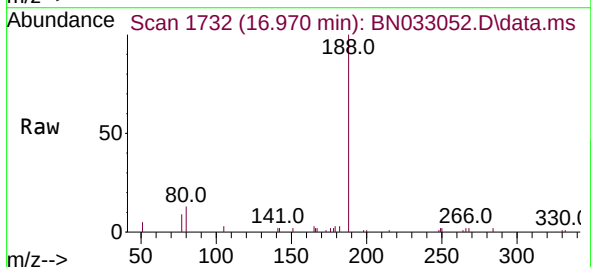
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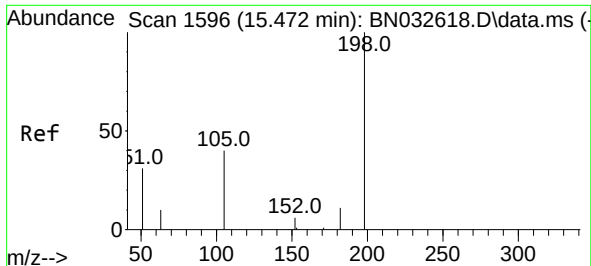
Tgt Ion:	172	Resp:	7718
Ion Ratio	Lower	Upper	
172	100		
171	36.3	28.6	43.0
170	25.3	19.0	28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.970 min Scan# 1732
Delta R.T. 0.016 min
Lab File: BN033052.D
Acq: 28 Jul 2024 02:52

Tgt Ion:	188	Resp:	13064
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.9	8.8	13.2

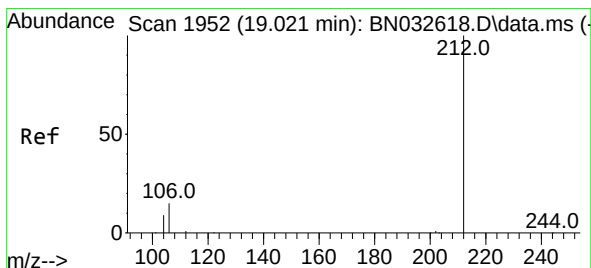
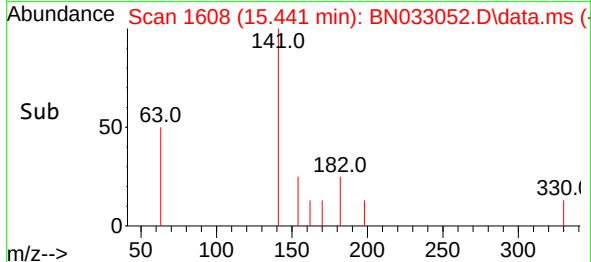
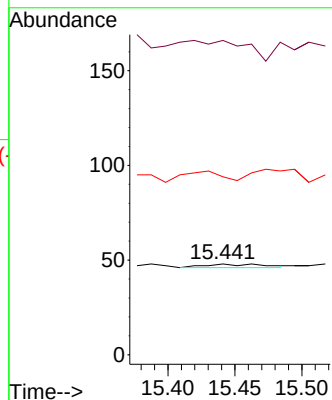
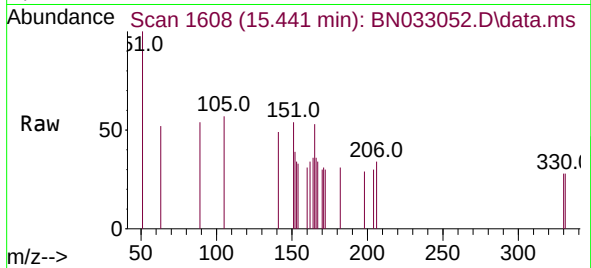




#20
4,6-Dinitro-2-methylphenol
Concen: 0.295 ng
RT: 15.441 min Scan# 1
Delta R.T. -0.031 min
Lab File: BN033052.D
Acq: 28 Jul 2024 02:52

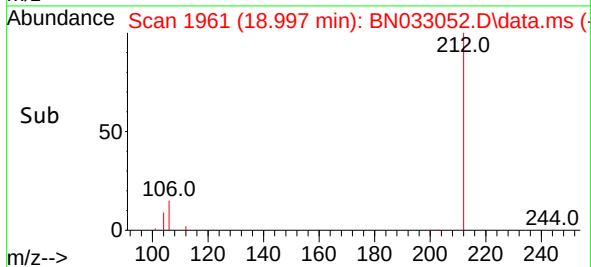
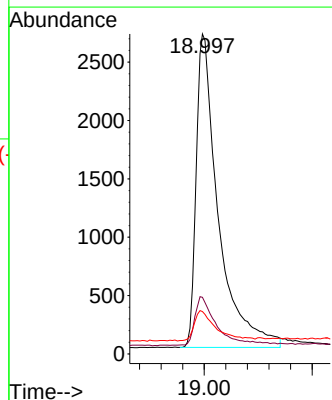
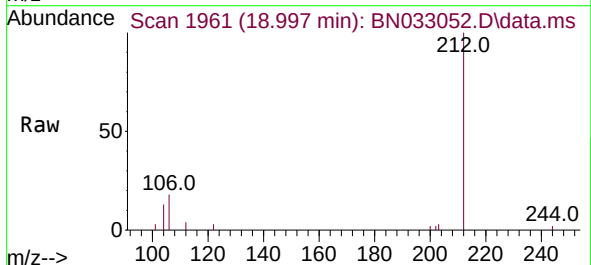
Instrument :
BNA_N
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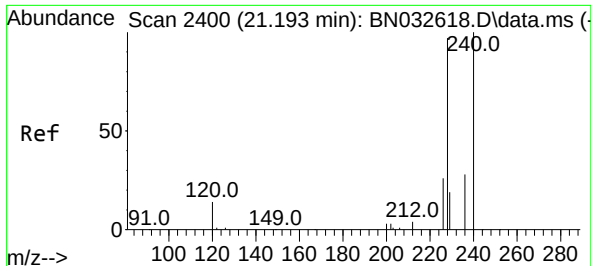
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 345.8 105.7 158.5#
105 195.8 63.0 94.6#



#27
Fluoranthene-d10
Concen: 0.225 ng
RT: 18.997 min Scan# 1961
Delta R.T. 0.003 min
Lab File: BN033052.D
Acq: 28 Jul 2024 02:52

Tgt Ion:212 Resp: 7621
Ion Ratio Lower Upper
212 100
106 15.3 11.9 17.9
104 9.8 6.9 10.3

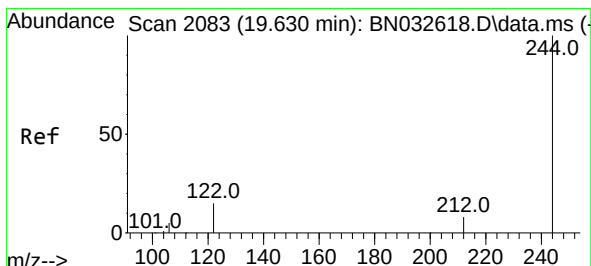
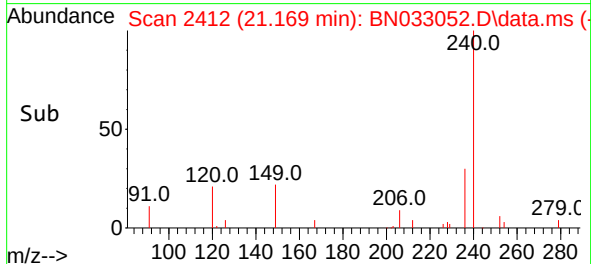
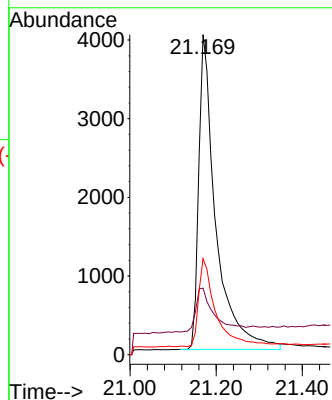
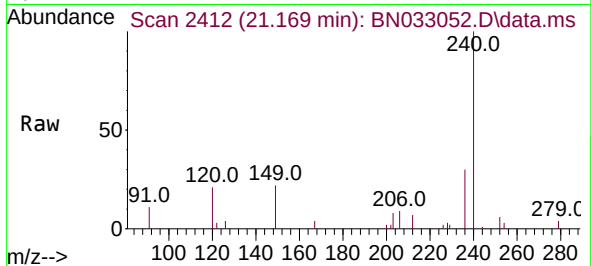




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.169 min Scan# 2412
Delta R.T. 0.003 min
Lab File: BN033052.D
Acq: 28 Jul 2024 02:52

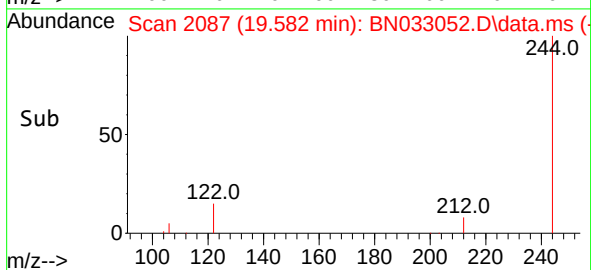
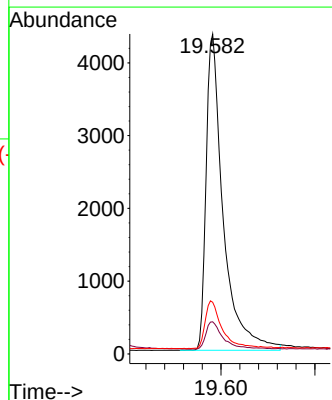
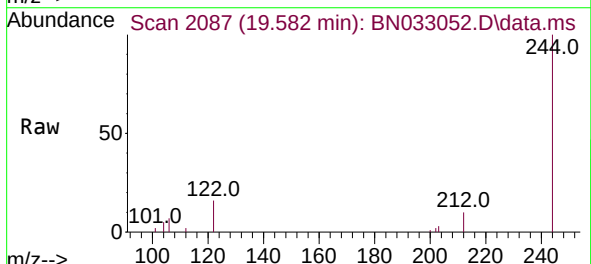
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240718

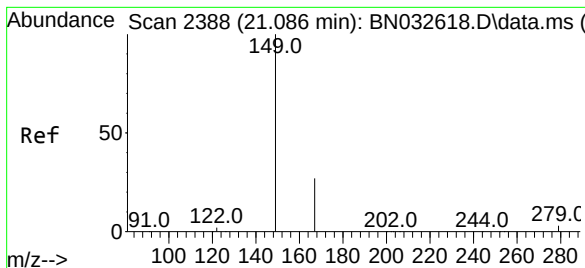
Tgt Ion	Ratio	Lower	Upper
240	100		
120	20.8	14.8	22.2
236	30.0	23.3	34.9



#31
Terphenyl-d14
Concen: 0.485 ng
RT: 19.582 min Scan# 2087
Delta R.T. -0.011 min
Lab File: BN033052.D
Acq: 28 Jul 2024 02:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.5	11.3
122	16.2	12.6	19.0

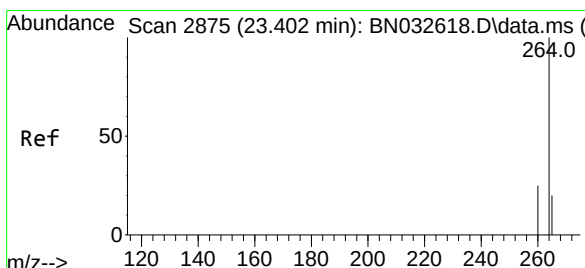
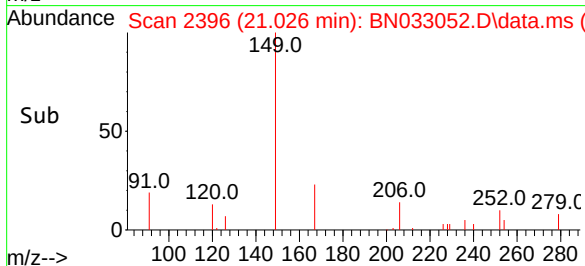
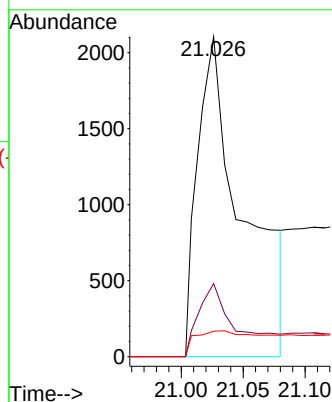
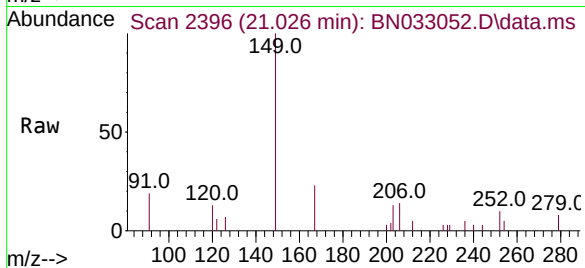




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.257 ng
RT: 21.026 min Scan# 21
Delta R.T. -0.024 min
Lab File: BN033052.D
Acq: 28 Jul 2024 02:52

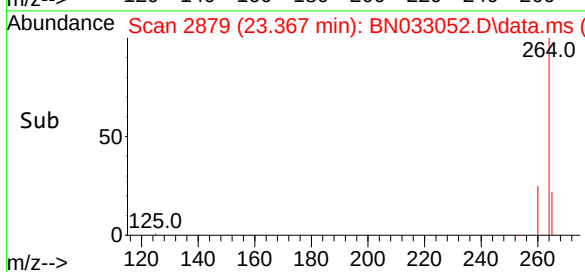
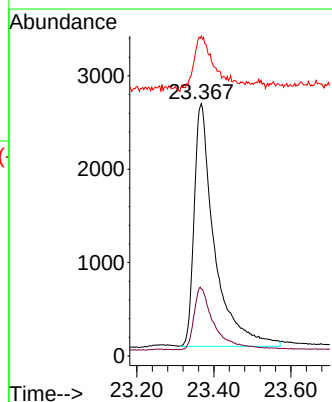
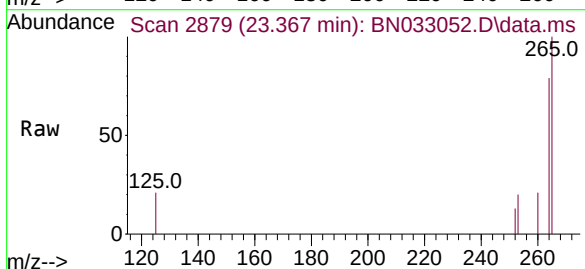
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240718

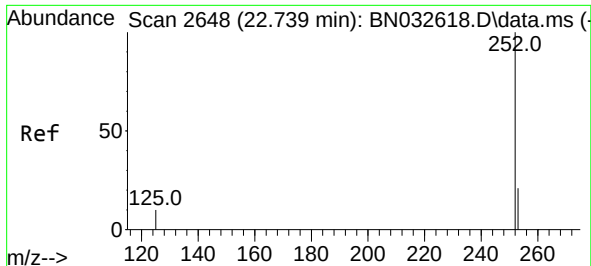
Tgt Ion:149 Resp: 4966
Ion Ratio Lower Upper
149 100
167 20.3 21.4 32.2#
279 13.0 2.8 4.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.367 min Scan# 2879
Delta R.T. 0.009 min
Lab File: BN033052.D
Acq: 28 Jul 2024 02:52

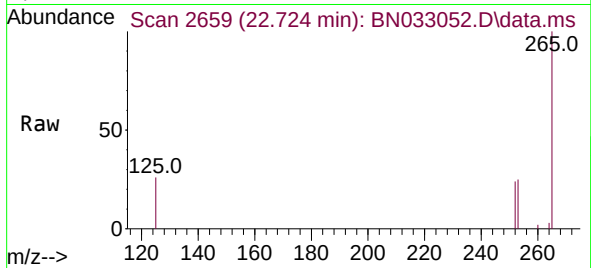
Tgt Ion:264 Resp: 9531
Ion Ratio Lower Upper
264 100
260 26.5 20.9 31.3
265 126.8 85.4 128.2



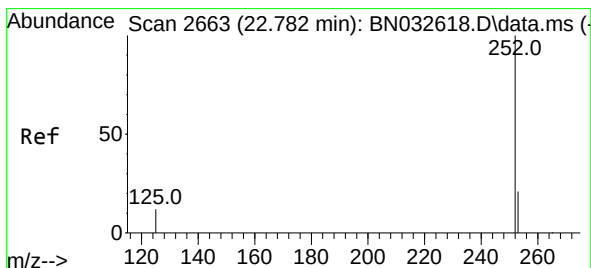
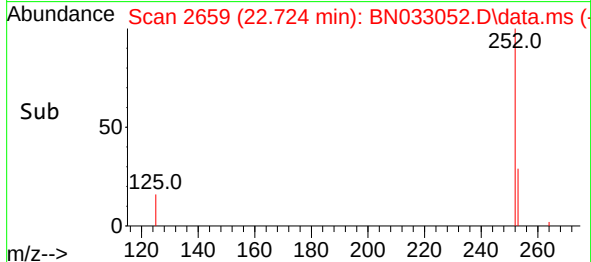
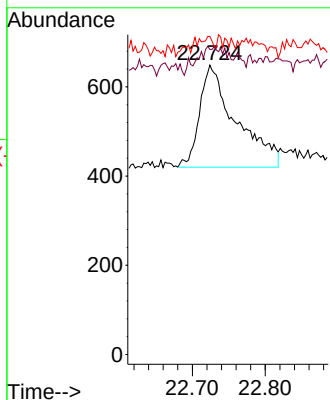


#37
Benzo(b)fluoranthene
Concen: 0.024 ng
RT: 22.724 min Scan# 2659
Delta R.T. 0.024 min
Lab File: BN033052.D
Acq: 28 Jul 2024 02:52

Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240718



Tgt Ion:252 Resp: 795
Ion Ratio Lower Upper
252 100
253 105.4 22.3 33.5#
125 109.9 15.4 23.2#



#38
Benzo(k)fluoranthene
Concen: 0.021 ng
RT: 22.724 min Scan# 2659
Delta R.T. -0.020 min
Lab File: BN033052.D
Acq: 28 Jul 2024 02:52

Tgt Ion:252 Resp: 795
Ion Ratio Lower Upper
252 100
253 105.4 22.6 34.0#
125 109.9 16.2 24.4#

