

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
 Data File : BN025522.D
 Acq On : 20 May 2023 13:32
 Operator : CG/JU
 Sample : 02862-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-98-100

Quant Time: May 22 01:59:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 22 01:54:38 2023
 Response via : Initial Calibration

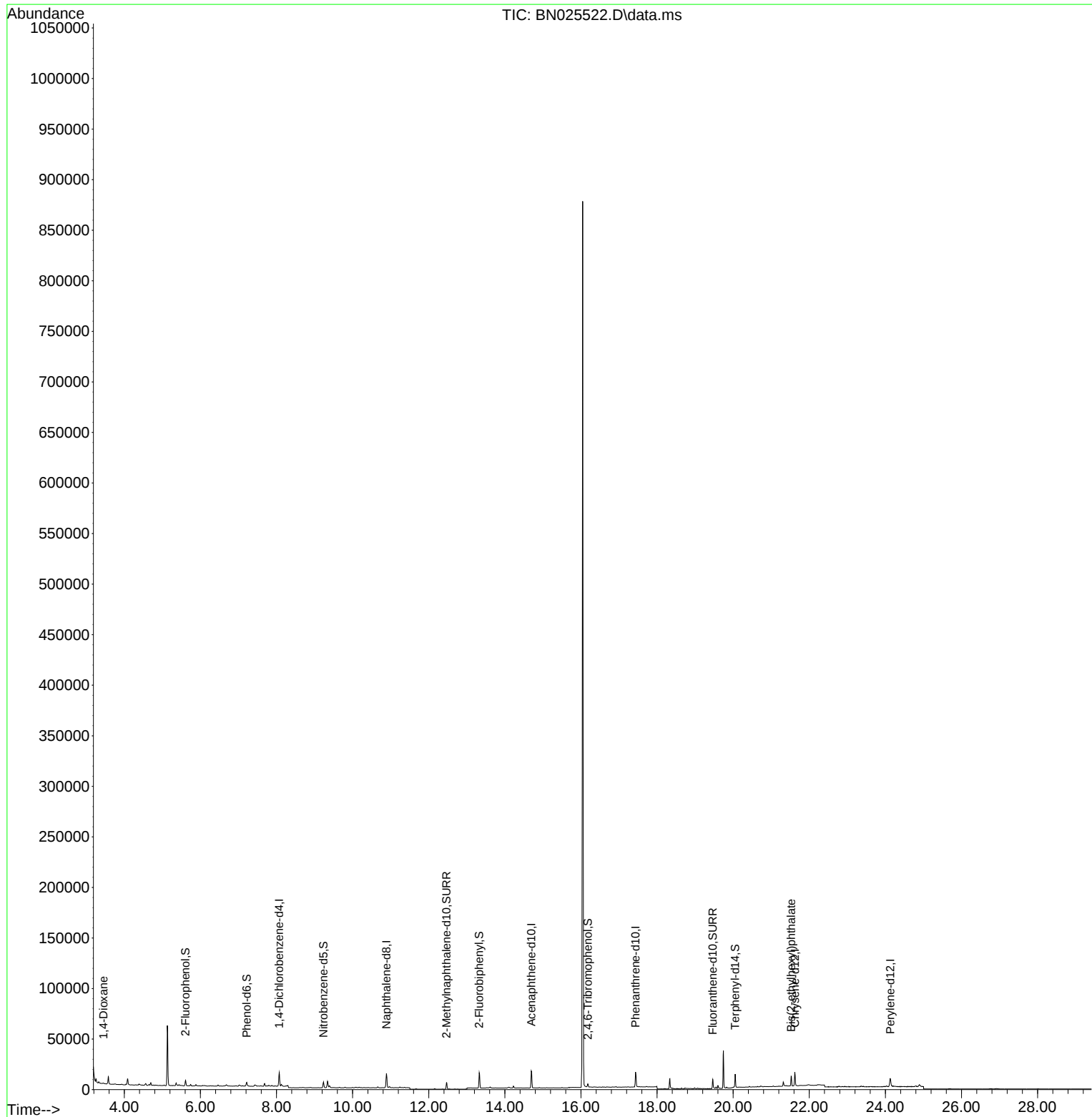
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	6368	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	18686	0.400	ng	# 0.00
13) Acenaphthene-d10	14.694	164	10292	0.400	ng	-0.01
19) Phenanthrene-d10	17.435	188	20905	0.400	ng	# 0.00
29) Chrysene-d12	21.620	240	12114	0.400	ng	# 0.00
35) Perylene-d12	24.127	264	12035	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	3208	0.223	ng	0.00
5) Phenol-d6	7.218	99	3096	0.168	ng	0.00
8) Nitrobenzene-d5	9.234	82	4674	0.313	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	8852	0.341	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	1490	0.371	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	13700	0.348	ng	-0.01
27) Fluoranthene-d10	19.464	212	9809	0.203	ng	0.00
31) Terphenyl-d14	20.053	244	7422	0.345	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.455	88	334	0.051	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.522	149	10257	0.397	ng	99

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

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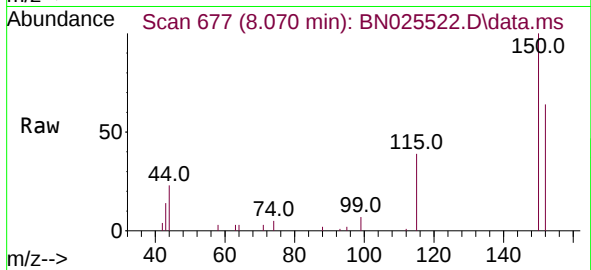
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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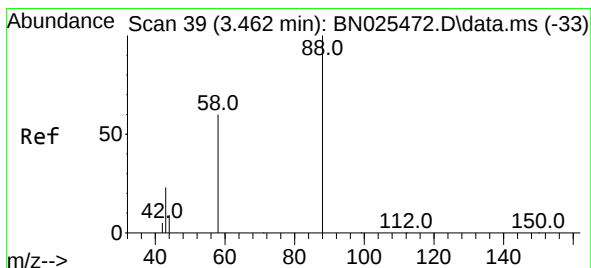
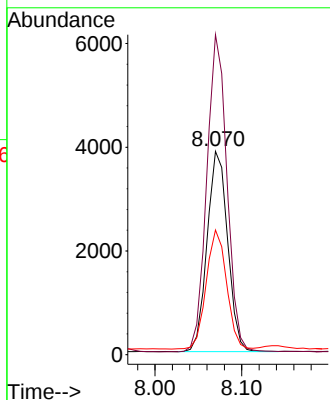
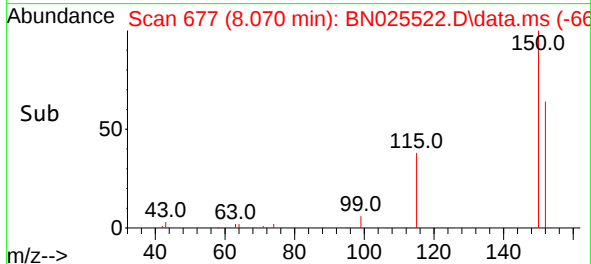


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.070 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN025522.D
 Acq: 20 May 2023 13:32

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-98-100

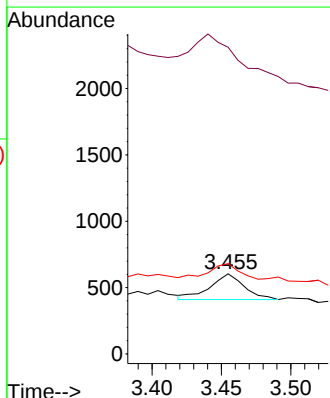
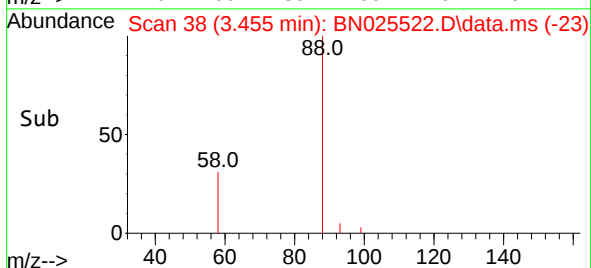
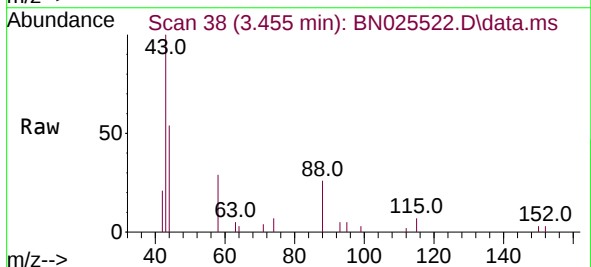


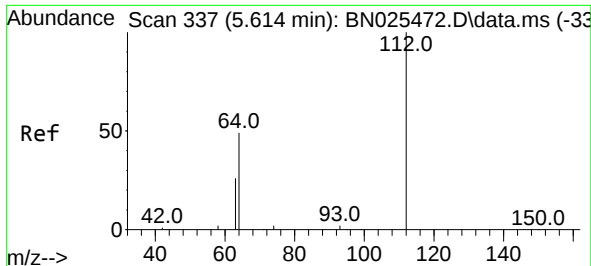
Tgt Ion:152 Resp: 6368
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.3 187.9
 115 61.3 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.051 ng
 RT: 3.455 min Scan# 38
 Delta R.T. 0.007 min
 Lab File: BN025522.D
 Acq: 20 May 2023 13:32

Tgt Ion: 88 Resp: 334
 Ion Ratio Lower Upper
 88 100
 43 260.8 23.8 35.6#
 58 76.9 55.1 82.7

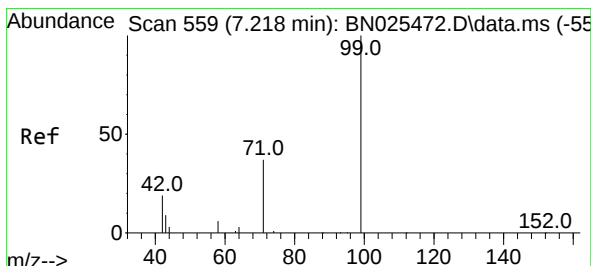
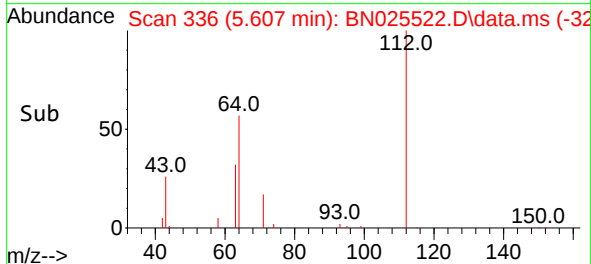
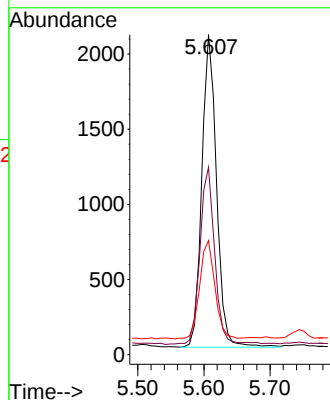
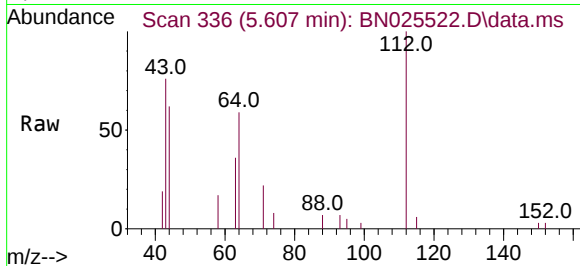




#4
2-Fluorophenol
Concen: 0.223 ng
RT: 5.607 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN025522.D
Acq: 20 May 2023 13:32

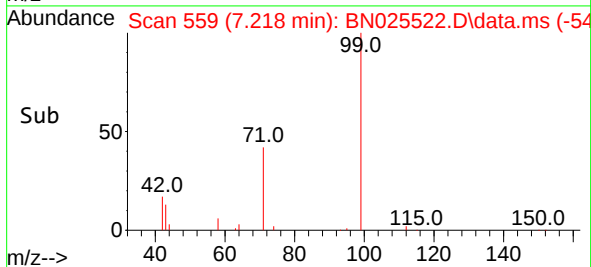
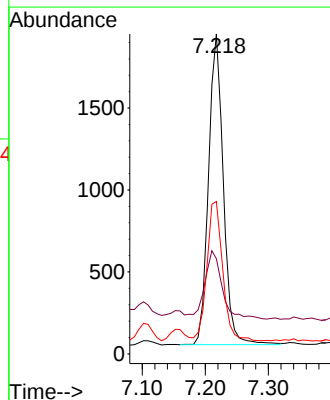
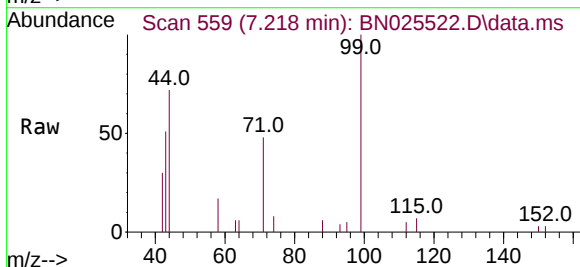
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BNA_N
ClientSampleId :
BP-VPB-RW11-GW-98-100

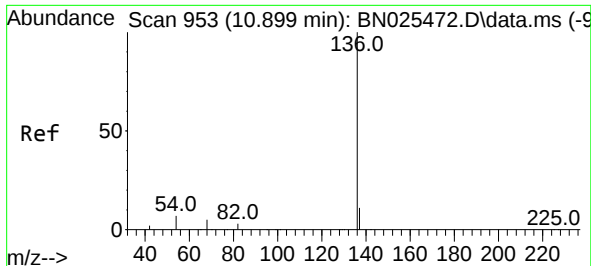
Tgt Ion:112 Resp: 3208
Ion Ratio Lower Upper
112 100
64 56.6 44.0 66.0
63 32.9 24.0 36.0



#5
Phenol-d6
Concen: 0.168 ng
RT: 7.218 min Scan# 559
Delta R.T. -0.000 min
Lab File: BN025522.D
Acq: 20 May 2023 13:32

Tgt Ion: 99 Resp: 3096
Ion Ratio Lower Upper
99 100
42 25.2 15.8 23.8#
71 47.2 28.6 43.0#

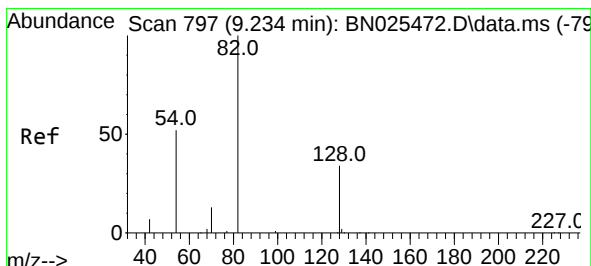
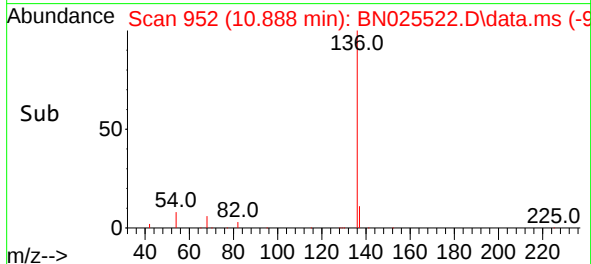
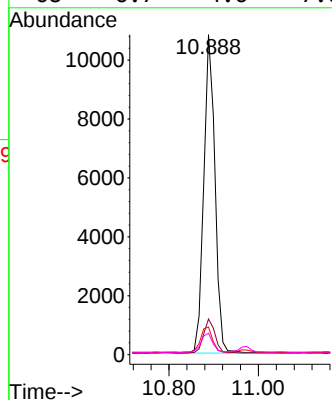
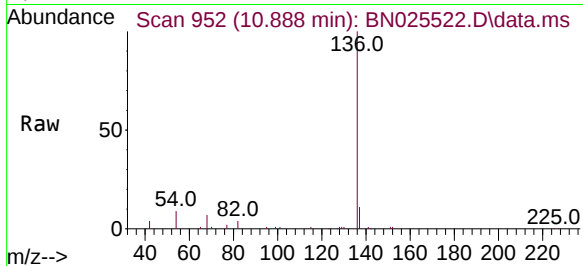




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN025522.D
Acq: 20 May 2023 13:32

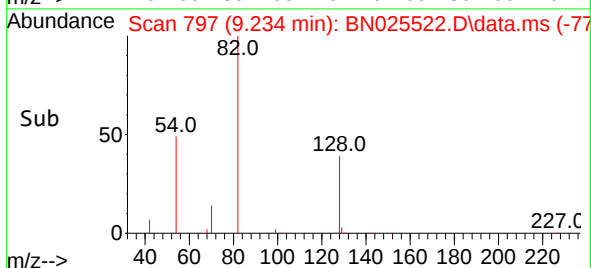
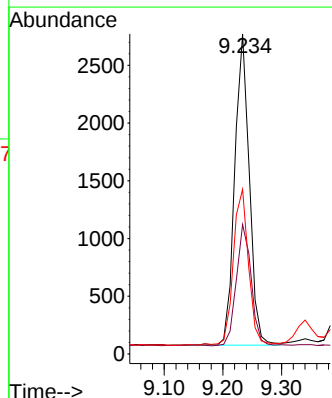
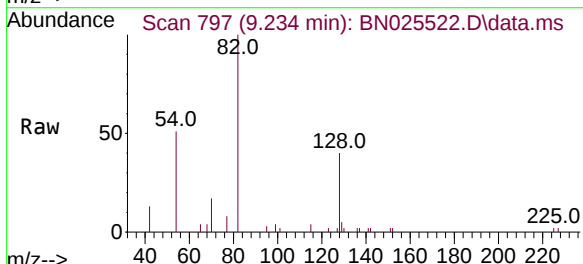
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-98-100

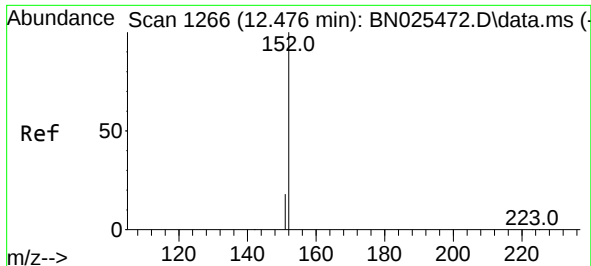
Tgt Ion:	136	Resp:	18686
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	8.7	5.8	8.6#
68	6.7	4.6	7.0



#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 9.234 min Scan# 797
Delta R.T. -0.000 min
Lab File: BN025522.D
Acq: 20 May 2023 13:32

Tgt Ion:	82	Resp:	4674
Ion Ratio	Lower	Upper	
82	100		
128	40.5	27.9	41.9
54	51.4	42.4	63.6

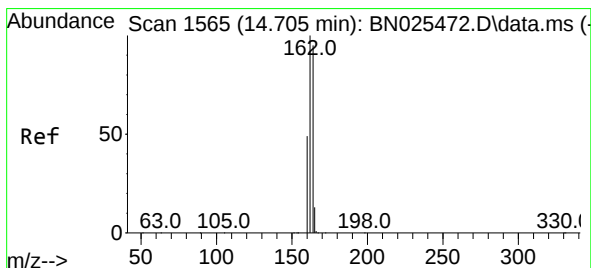
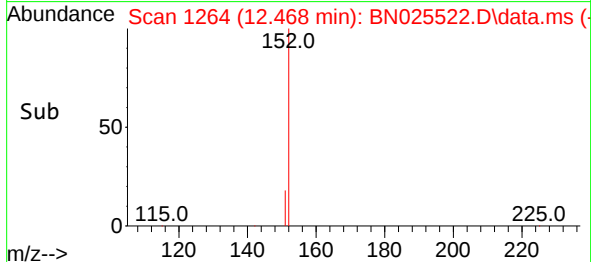
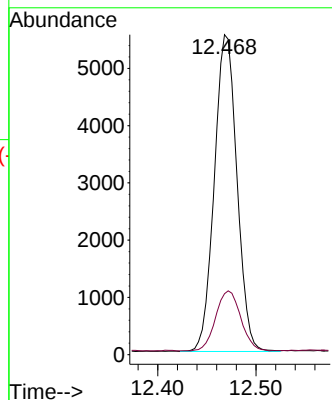
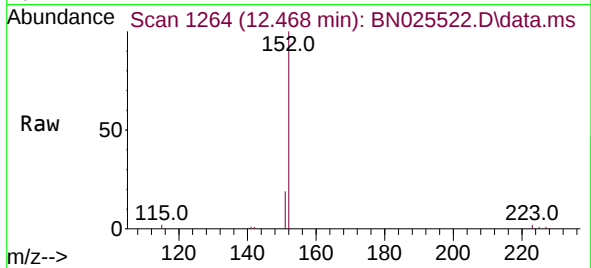




#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.468 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN025522.D
Acq: 20 May 2023 13:32

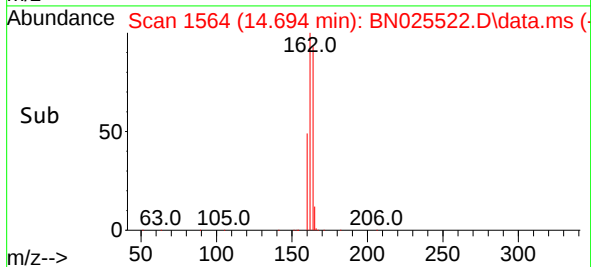
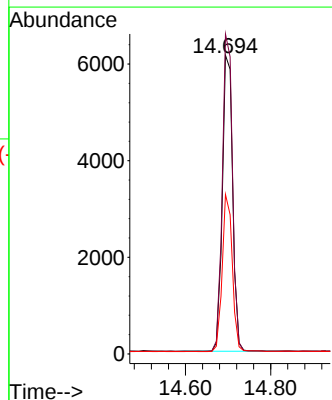
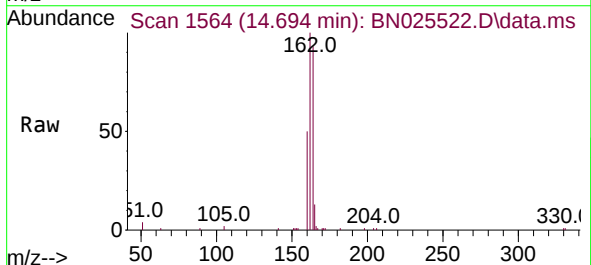
Instrument :
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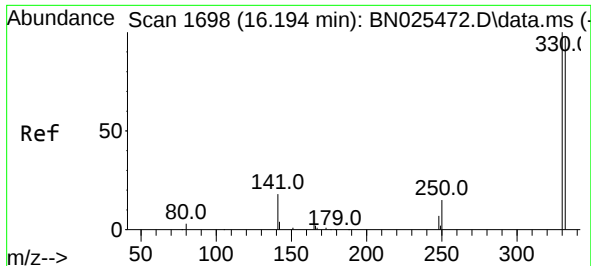
Tgt Ion:152 Resp: 8852
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1564
Delta R.T. -0.011 min
Lab File: BN025522.D
Acq: 20 May 2023 13:32

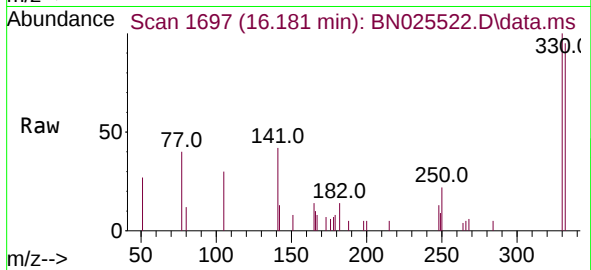
Tgt Ion:164 Resp: 10292
Ion Ratio Lower Upper
164 100
162 107.1 84.2 126.2
160 53.4 41.4 62.2



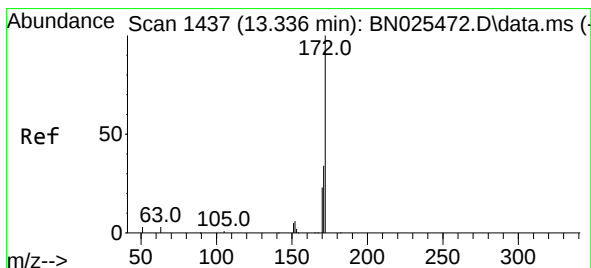
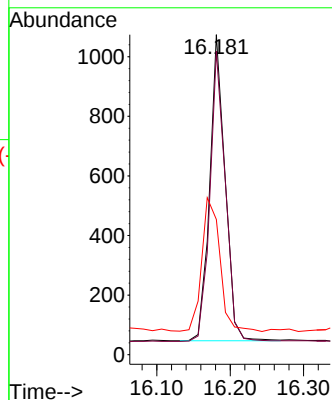
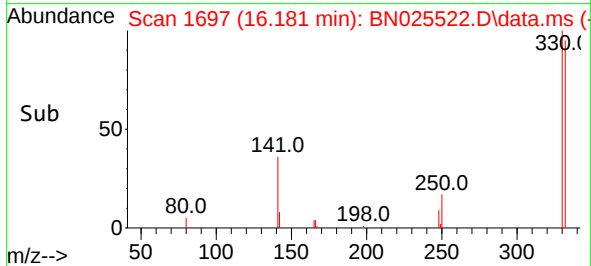


#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 16.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025522.D
Acq: 20 May 2023 13:32

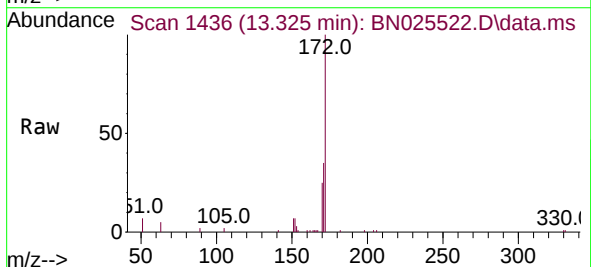
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BNA_N
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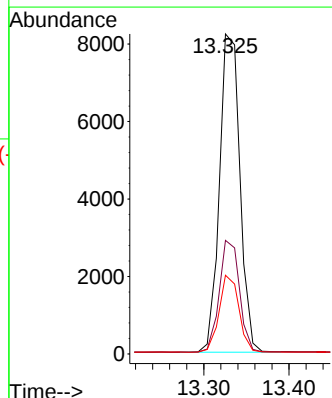
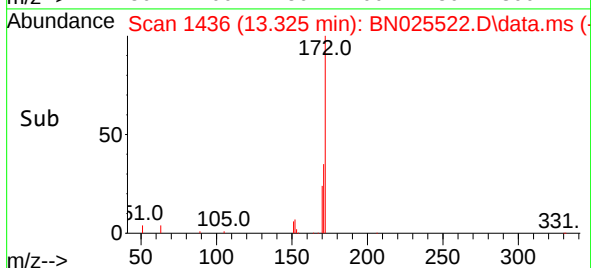
Tgt Ion:330 Resp: 1490
Ion Ratio Lower Upper
330 100
332 95.2 76.1 114.1
141 51.5 36.1 54.1

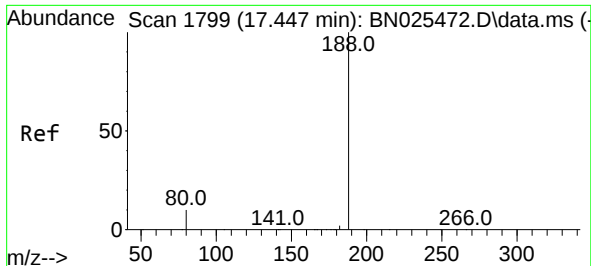


#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 13.325 min Scan# 1436
Delta R.T. -0.011 min
Lab File: BN025522.D
Acq: 20 May 2023 13:32



Tgt Ion:172 Resp: 13700
Ion Ratio Lower Upper
172 100
171 35.5 27.6 41.4
170 24.6 18.9 28.3

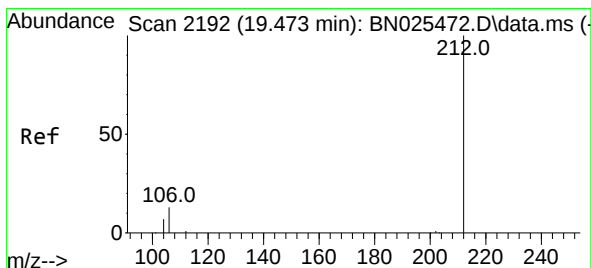
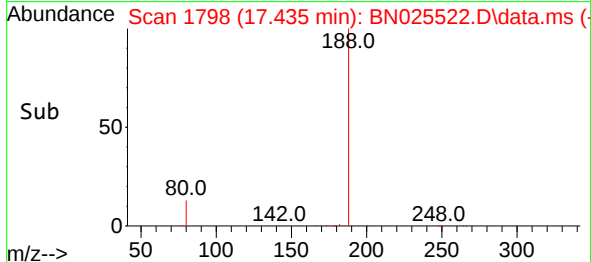
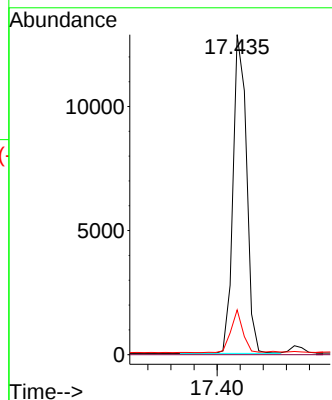
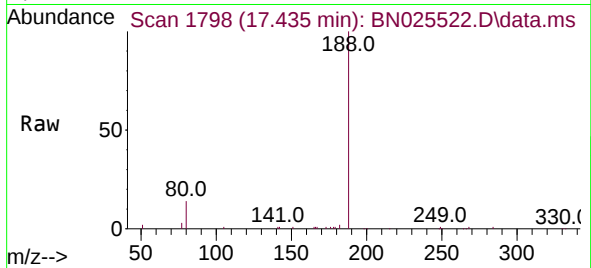




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.435 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025522.D
Acq: 20 May 2023 13:32

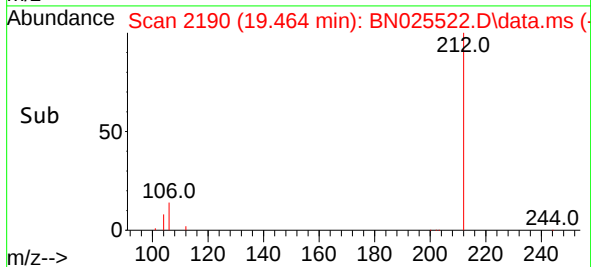
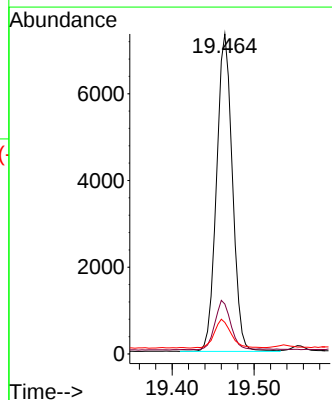
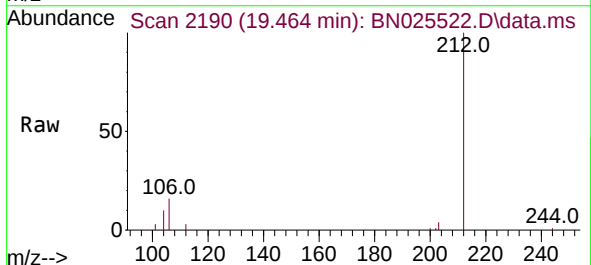
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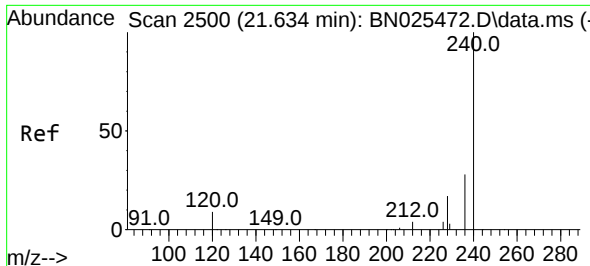
Tgt Ion:188 Resp: 20905
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 8.2 12.4#



#27
Fluoranthene-d10
Concen: 0.203 ng
RT: 19.464 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BN025522.D
Acq: 20 May 2023 13:32

Tgt Ion:212 Resp: 9809
Ion Ratio Lower Upper
212 100
106 15.4 11.4 17.2
104 9.6 6.6 10.0

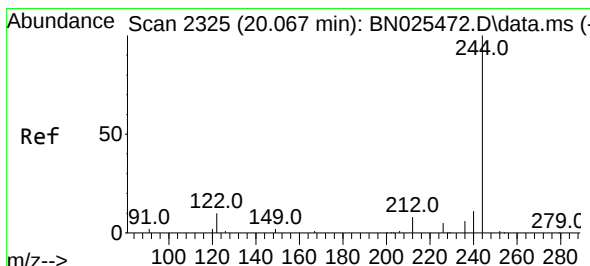
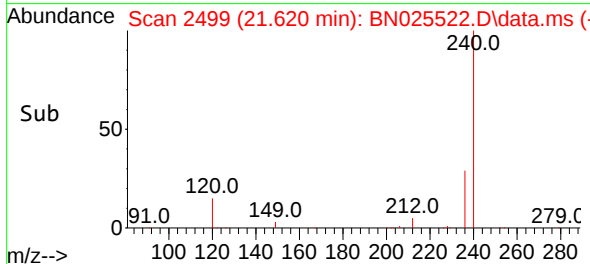
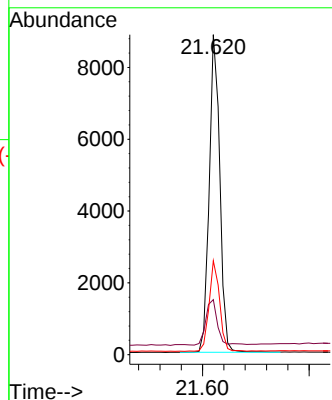
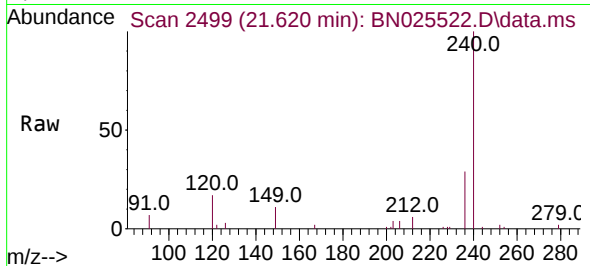




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.620 min Scan# 2499
Delta R.T. 0.004 min
Lab File: BN025522.D
Acq: 20 May 2023 13:32

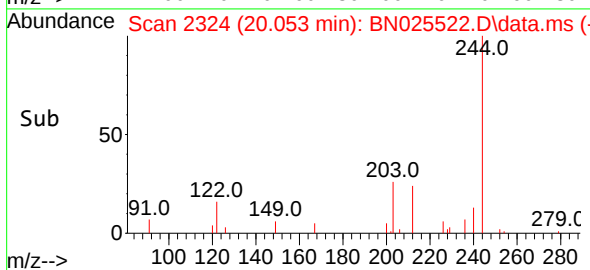
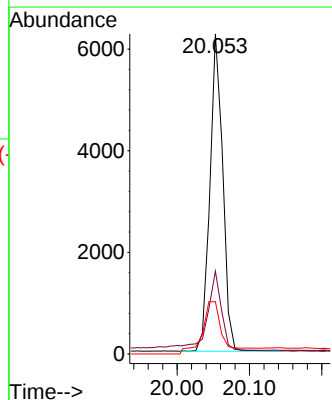
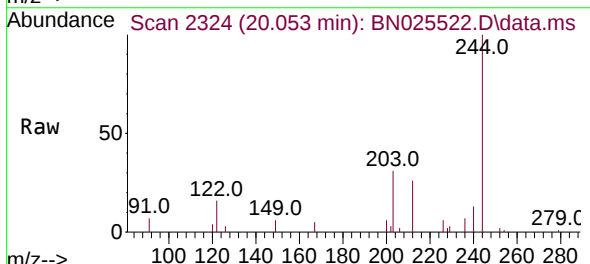
Instrument :
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BP-VPB-RW11-GW-98-100

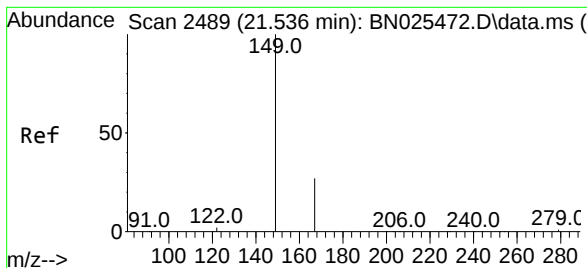
Tgt Ion:240 Resp: 12114
Ion Ratio Lower Upper
240 100
120 17.2 8.6 12.8#
236 29.3 22.7 34.1



#31
Terphenyl-d14
Concen: 0.345 ng
RT: 20.053 min Scan# 2324
Delta R.T. 0.004 min
Lab File: BN025522.D
Acq: 20 May 2023 13:32

Tgt Ion:244 Resp: 7422
Ion Ratio Lower Upper
244 100
212 25.9 6.6 10.0#
122 16.3 8.1 12.1#

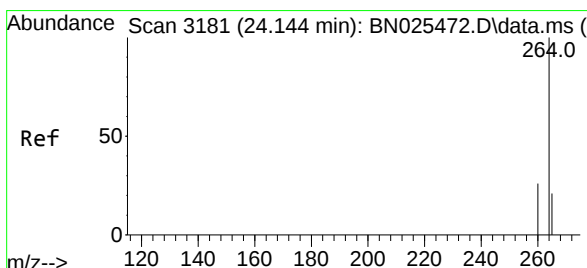
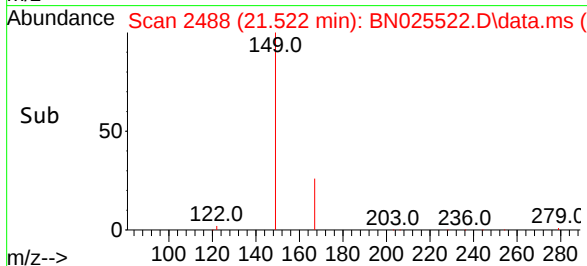
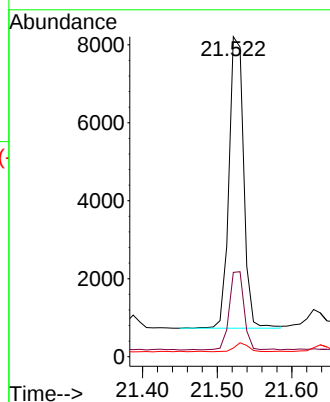
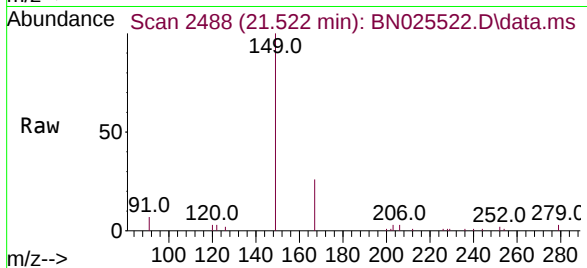




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.397 ng
 RT: 21.522 min Scan# 2488
 Delta R.T. 0.004 min
 Lab File: BN025522.D
 Acq: 20 May 2023 13:32

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-98-100

Tgt Ion:149 Resp: 10257
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.0 33.0
 279 2.8 2.6 3.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.127 min Scan# 3175
 Delta R.T. 0.007 min
 Lab File: BN025522.D
 Acq: 20 May 2023 13:32

Tgt Ion:264 Resp: 12035
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.2 31.8
 265 50.9 27.1 40.7#

