

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
 Data File : BN025524.D
 Acq On : 20 May 2023 14:43
 Operator : CG/JU
 Sample : 02862-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-198-200

Quant Time: May 22 01:59:52 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)

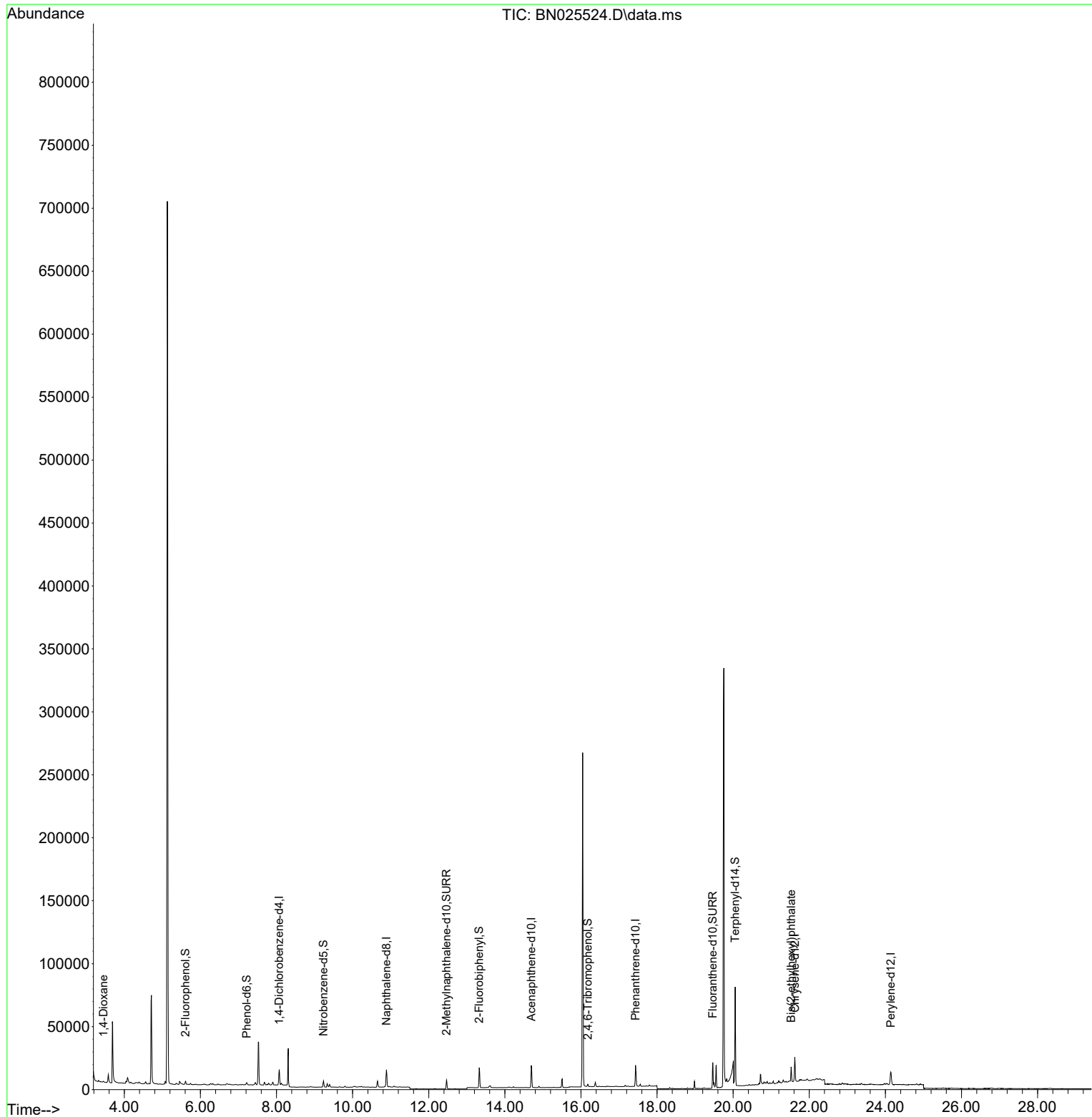
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	5771	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	17694	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	10391	0.400	ng	-0.01
19) Phenanthrene-d10	17.435	188	22576	0.400	ng	# 0.00
29) Chrysene-d12	21.620	240	17306	0.400	ng	# 0.00
35) Perylene-d12	24.142	264	16069	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	1600	0.123	ng	0.00
5) Phenol-d6	7.218	99	1405	0.084	ng	0.00
8) Nitrobenzene-d5	9.234	82	3991	0.283	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	9035	0.367	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	952	0.235	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	13889	0.349	ng	-0.01
27) Fluoranthene-d10	19.464	212	21521	0.413	ng	0.00
31) Terphenyl-d14	20.053	244	16192	0.526	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.455	88	385	0.065	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.522	149	10940	0.297	ng	100

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

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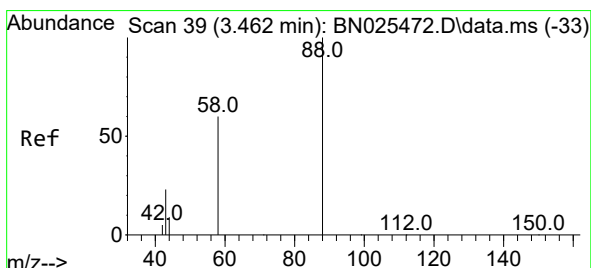
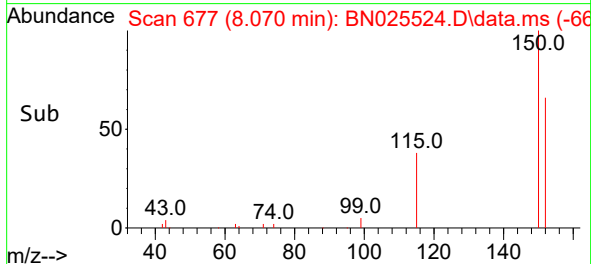
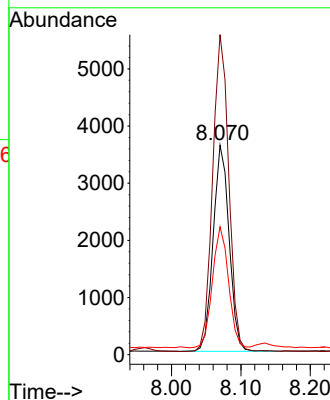
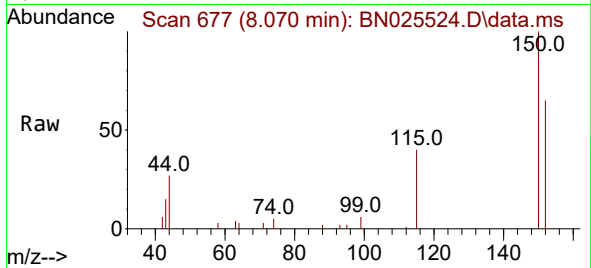




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.070 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025524.D
Acq: 20 May 2023 14:43

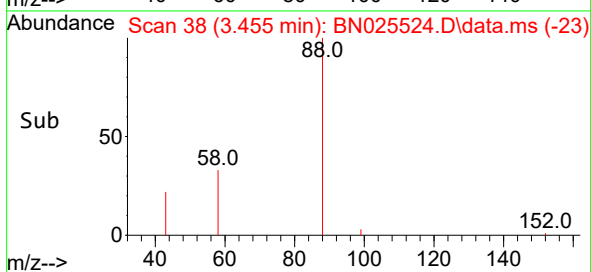
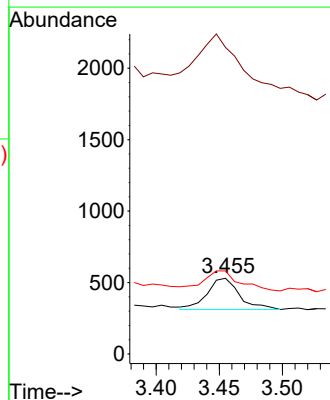
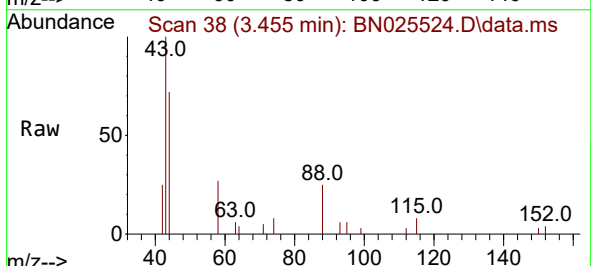
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-198-200

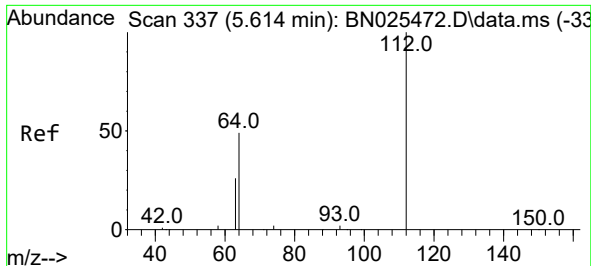
Tgt Ion:152 Resp: 5771
Ion Ratio Lower Upper
152 100
150 152.8 125.3 187.9
115 61.0 50.2 75.2



#2
1,4-Dioxane
Concen: 0.065 ng
RT: 3.455 min Scan# 38
Delta R.T. 0.007 min
Lab File: BN025524.D
Acq: 20 May 2023 14:43

Tgt Ion: 88 Resp: 385
Ion Ratio Lower Upper
88 100
43 220.3 23.8 35.6#
58 72.5 55.1 82.7

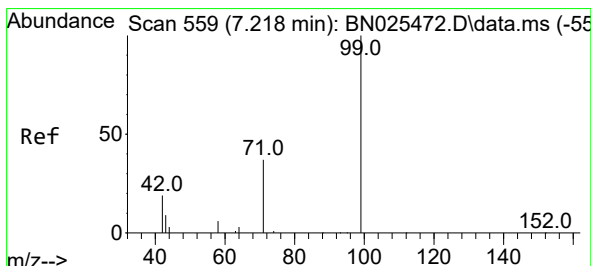
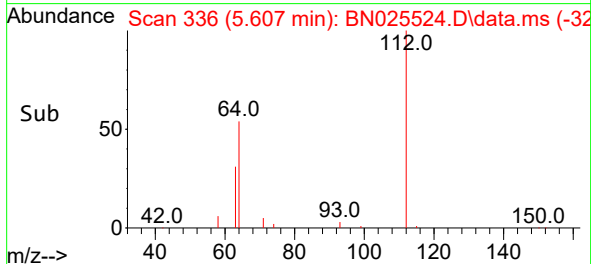
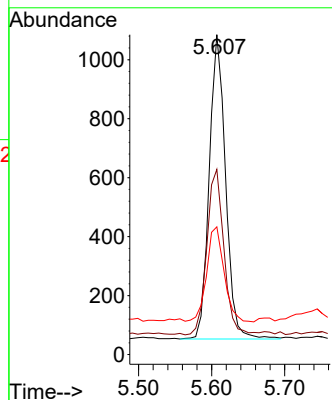
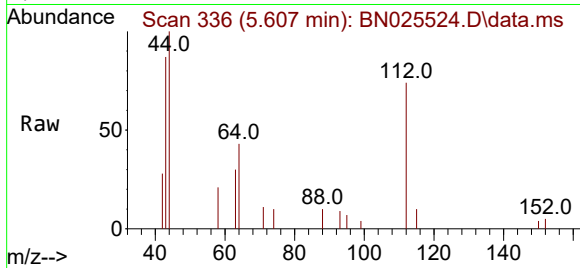




#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.607 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN025524.D
Acq: 20 May 2023 14:43

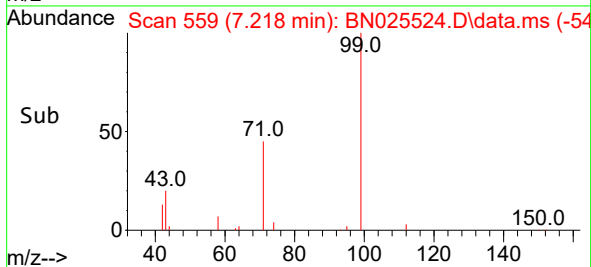
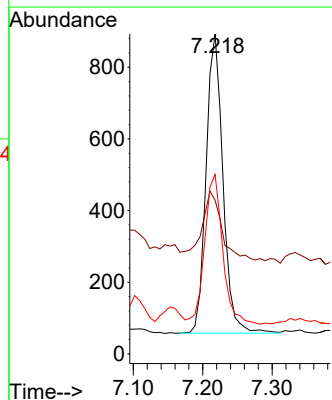
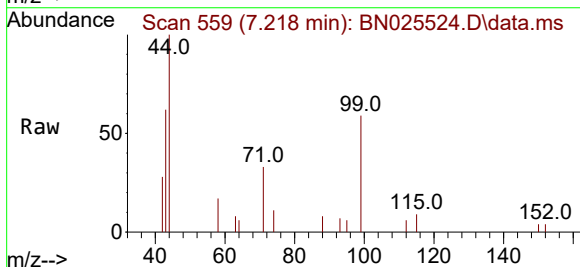
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-198-200

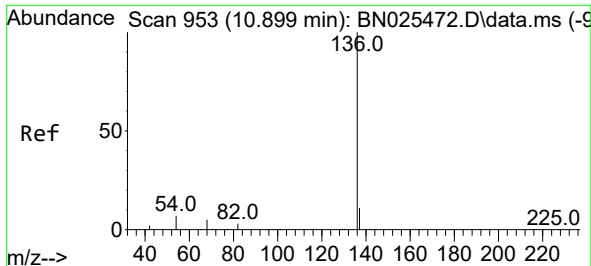
Tgt Ion:112 Resp: 1600
Ion Ratio Lower Upper
112 100
64 56.9 44.0 66.0
63 33.3 24.0 36.0



#5
Phenol-d6
Concen: 0.084 ng
RT: 7.218 min Scan# 559
Delta R.T. -0.000 min
Lab File: BN025524.D
Acq: 20 May 2023 14:43

Tgt Ion: 99 Resp: 1405
Ion Ratio Lower Upper
99 100
42 31.7 15.8 23.8#
71 53.7 28.6 43.0#

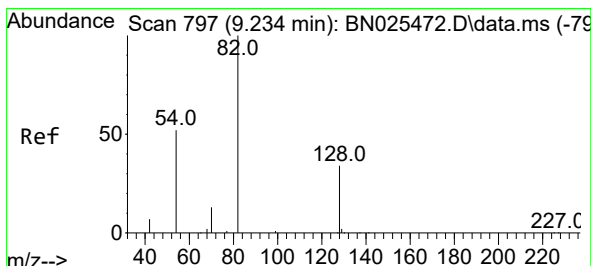
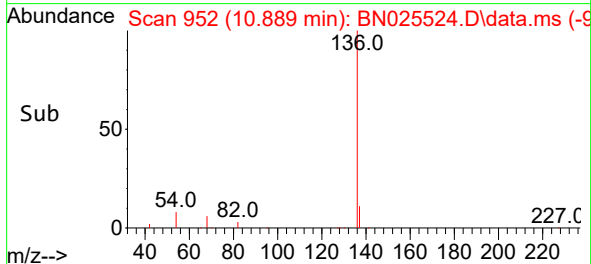
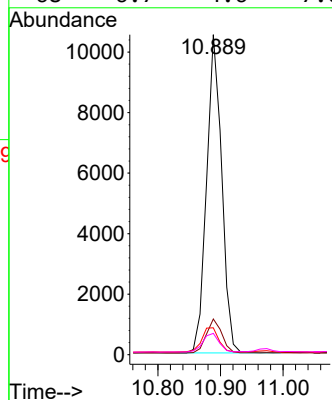
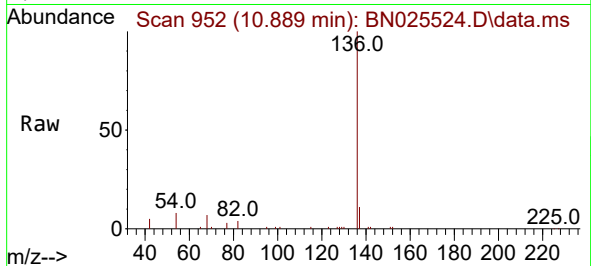




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.889 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN025524.D
Acq: 20 May 2023 14:43

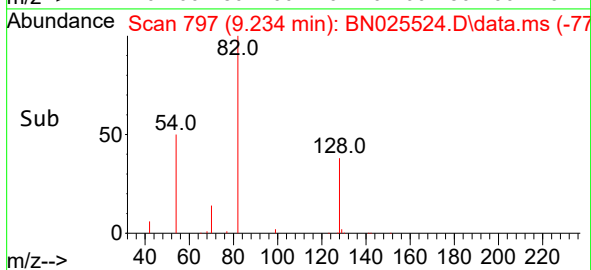
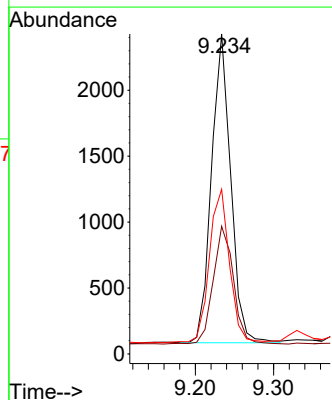
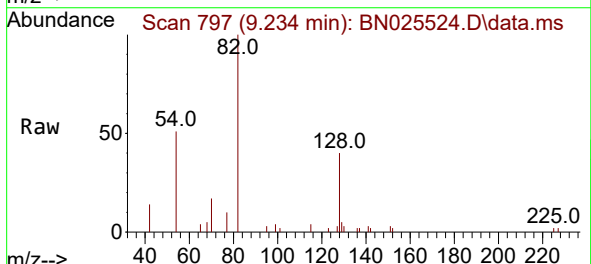
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-198-200

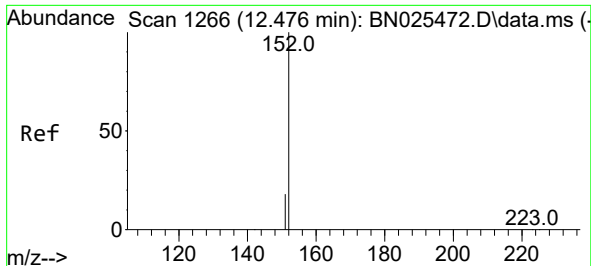
Tgt Ion:	136	Resp:	17694
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	8.4	5.8	8.6
68	6.7	4.6	7.0



#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 9.234 min Scan# 797
Delta R.T. -0.000 min
Lab File: BN025524.D
Acq: 20 May 2023 14:43

Tgt Ion:	82	Resp:	3991
Ion Ratio	Lower	Upper	
82	100		
128	39.9	27.9	41.9
54	51.5	42.4	63.6

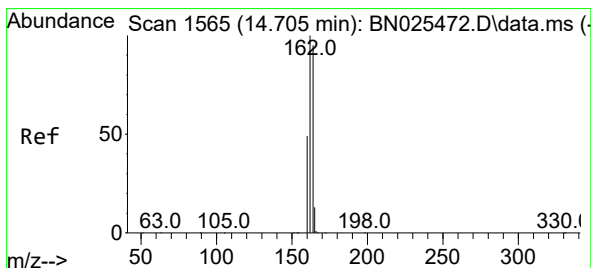
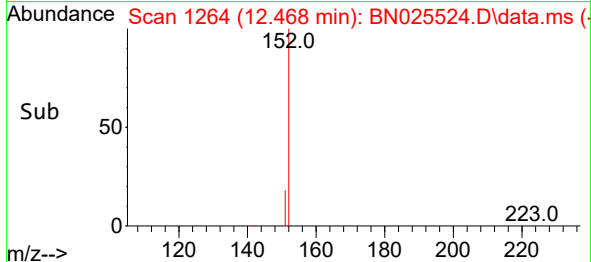
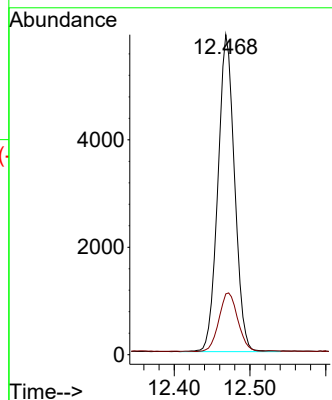
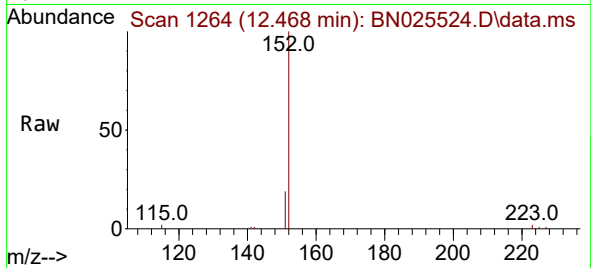




#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 12.468 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN025524.D
Acq: 20 May 2023 14:43

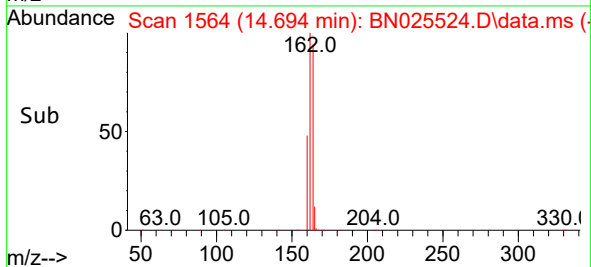
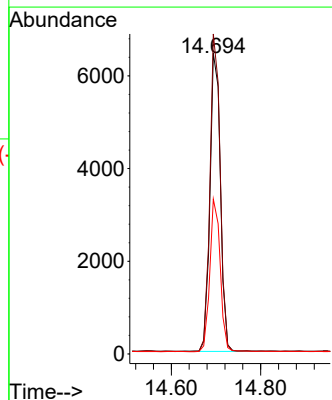
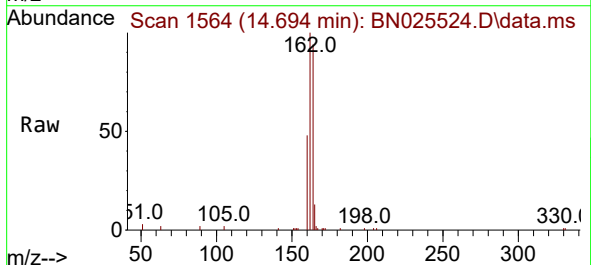
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-198-200

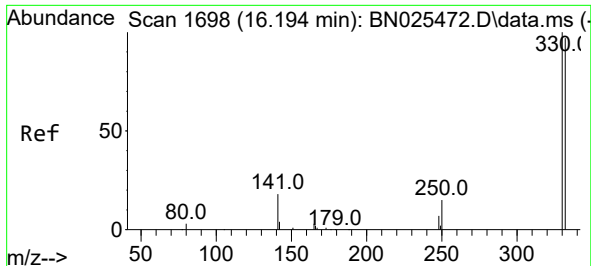
Tgt Ion:152 Resp: 9035
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1564
Delta R.T. -0.011 min
Lab File: BN025524.D
Acq: 20 May 2023 14:43

Tgt Ion:164 Resp: 10391
Ion Ratio Lower Upper
164 100
162 106.4 84.2 126.2
160 51.5 41.4 62.2

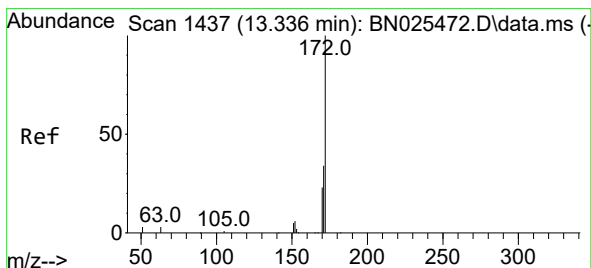
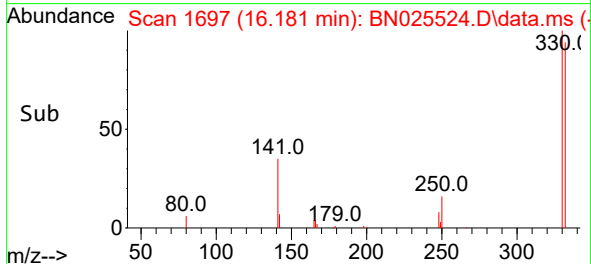
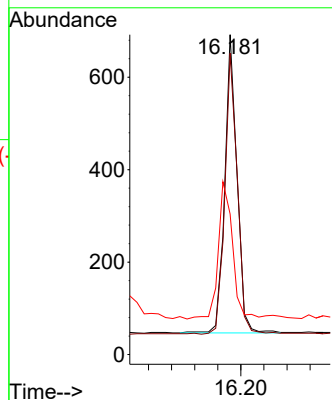
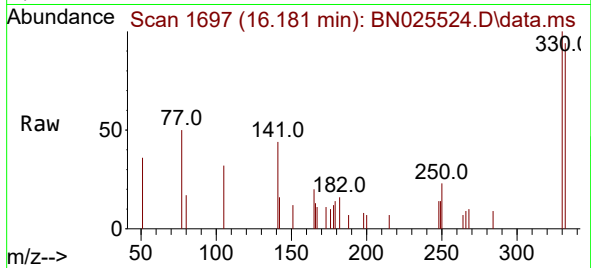




#14
2,4,6-Tribromophenol
Concen: 0.235 ng
RT: 16.181 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN025524.D
Acq: 20 May 2023 14:43

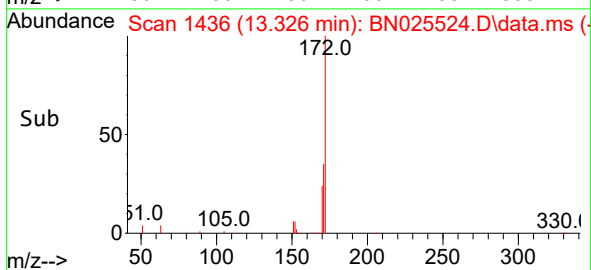
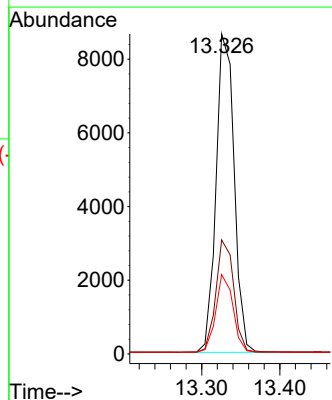
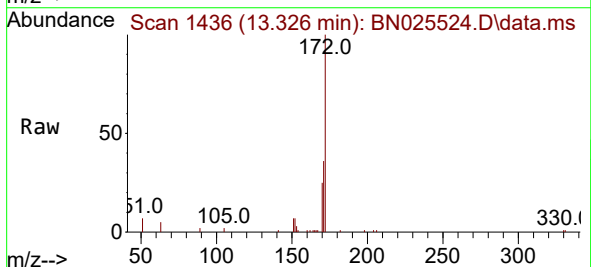
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-198-200

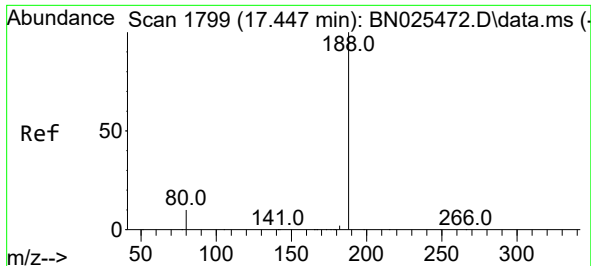
Tgt Ion:330 Resp: 952
Ion Ratio Lower Upper
330 100
332 96.4 76.1 114.1
141 52.8 36.1 54.1



#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 13.326 min Scan# 1436
Delta R.T. -0.011 min
Lab File: BN025524.D
Acq: 20 May 2023 14:43

Tgt Ion:172 Resp: 13889
Ion Ratio Lower Upper
172 100
171 35.6 27.6 41.4
170 24.8 18.9 28.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.435 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN025524.D

Acq: 20 May 2023 14:43

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-198-200

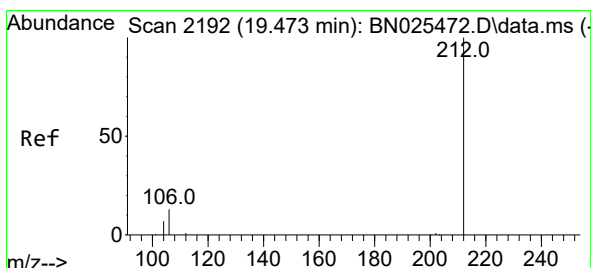
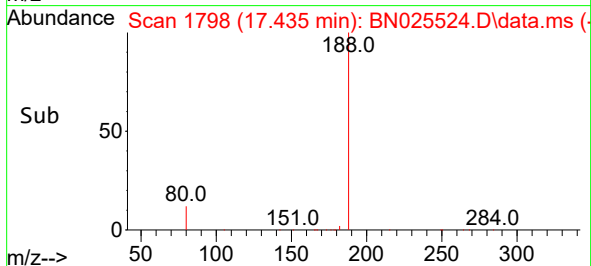
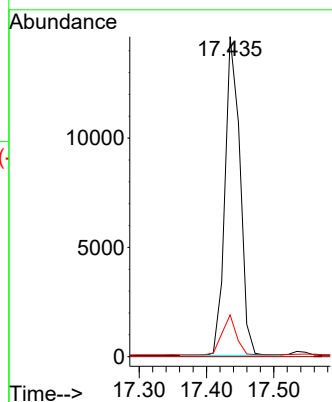
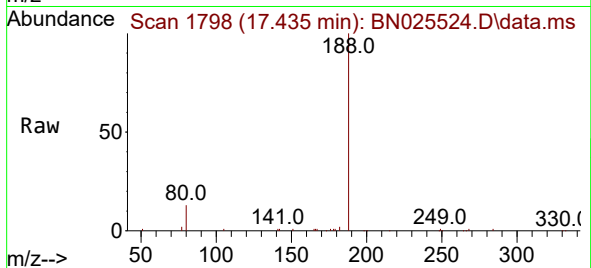
Tgt Ion:188 Resp: 22576

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.1 8.2 12.4#



#27

Fluoranthene-d10

Concen: 0.413 ng

RT: 19.464 min Scan# 2190

Delta R.T. -0.000 min

Lab File: BN025524.D

Acq: 20 May 2023 14:43

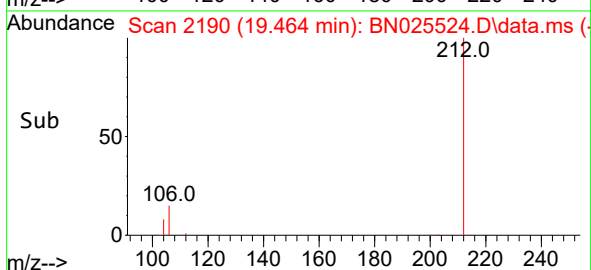
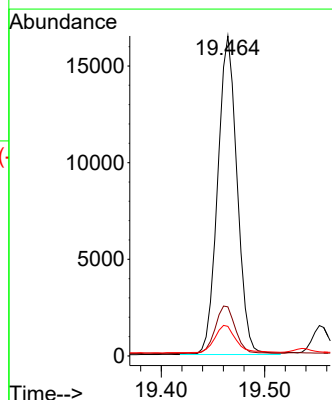
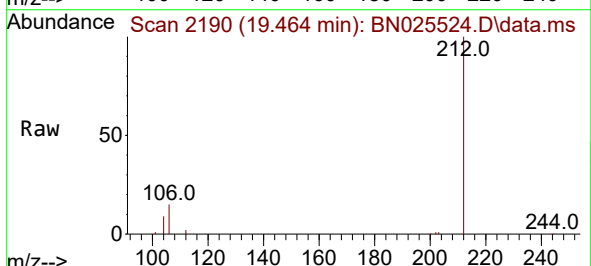
Tgt Ion:212 Resp: 21521

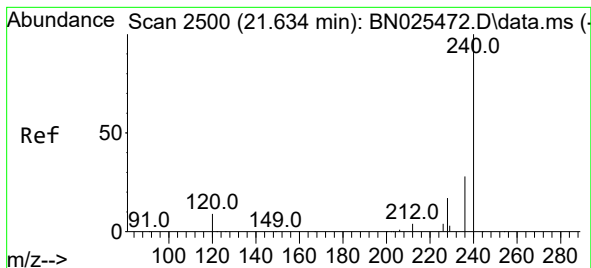
Ion Ratio Lower Upper

212 100

106 15.7 11.4 17.2

104 9.3 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: BN025524.D

Acq: 20 May 2023 14:43

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-198-200

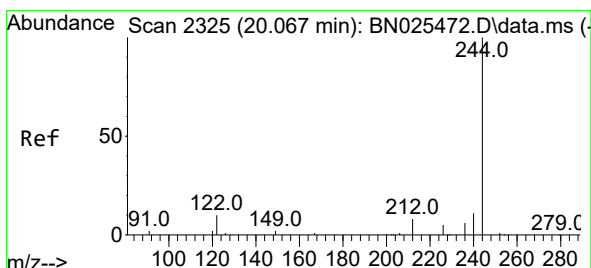
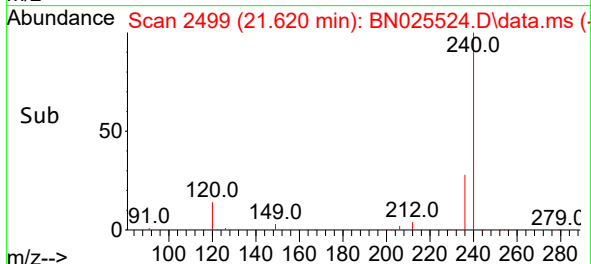
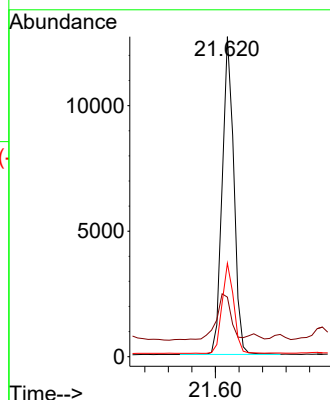
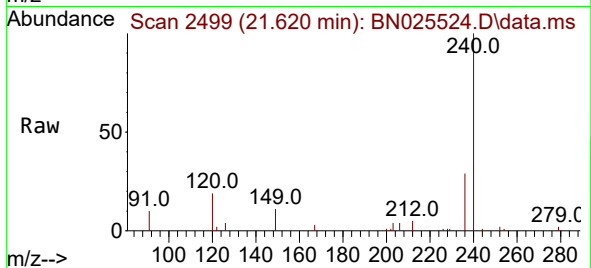
Tgt Ion:240 Resp: 17306

Ion Ratio Lower Upper

240 100

120 18.6 8.6 12.8#

236 29.2 22.7 34.1



#31

Terphenyl-d14

Concen: 0.526 ng

RT: 20.053 min Scan# 2324

Delta R.T. 0.004 min

Lab File: BN025524.D

Acq: 20 May 2023 14:43

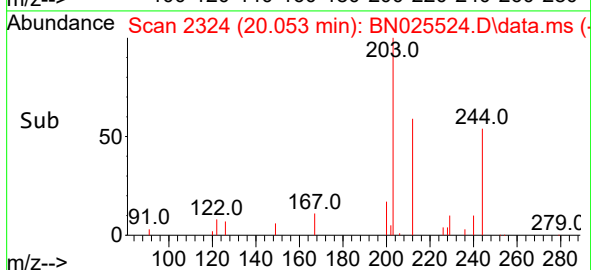
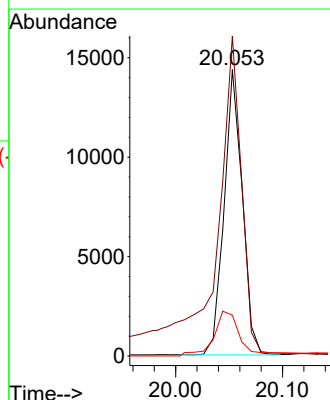
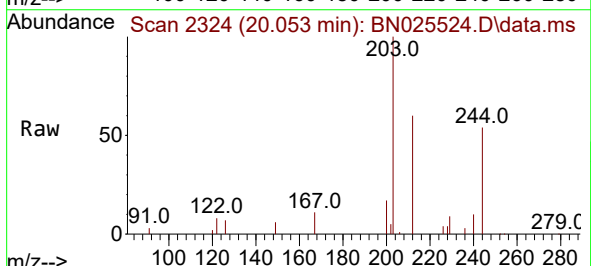
Tgt Ion:244 Resp: 16192

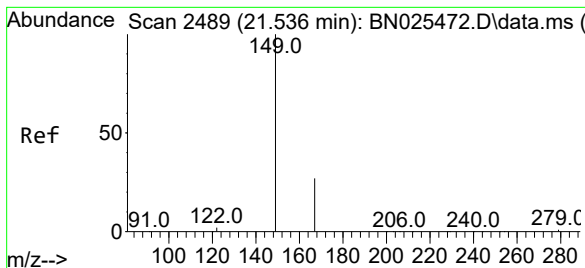
Ion Ratio Lower Upper

244 100

212 111.7 6.6 10.0#

122 14.2 8.1 12.1#

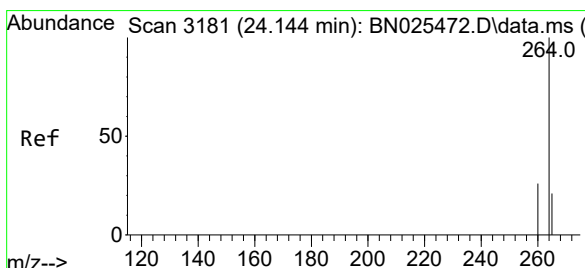
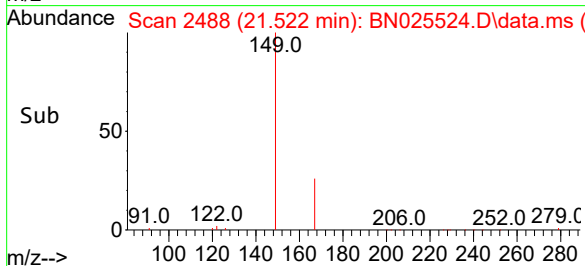
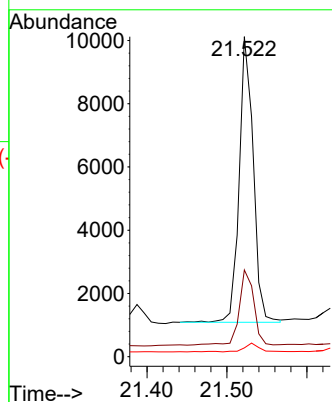
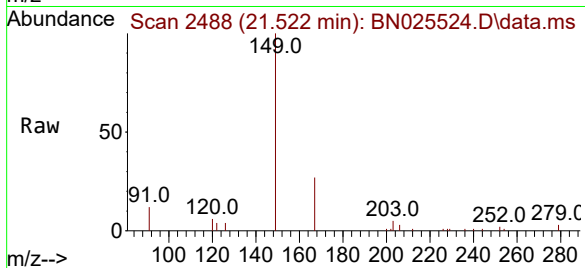




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.297 ng
 RT: 21.522 min Scan# 2488
 Delta R.T. 0.004 min
 Lab File: BN025524.D
 Acq: 20 May 2023 14:43

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-198-200

Tgt Ion:149 Resp: 10940
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.0 33.0
 279 3.1 2.6 3.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.142 min Scan# 3180
 Delta R.T. 0.022 min
 Lab File: BN025524.D
 Acq: 20 May 2023 14:43

Tgt Ion:264 Resp: 16069
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.2 31.8
 265 46.6 27.1 40.7#

