

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025704.D
 Acq On : 29 May 2023 05:56
 Operator : CG/JU
 Sample : 02944-02
 Misc :
 ALS Vial : 103 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-318-320

Quant Time: May 29 06:29:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

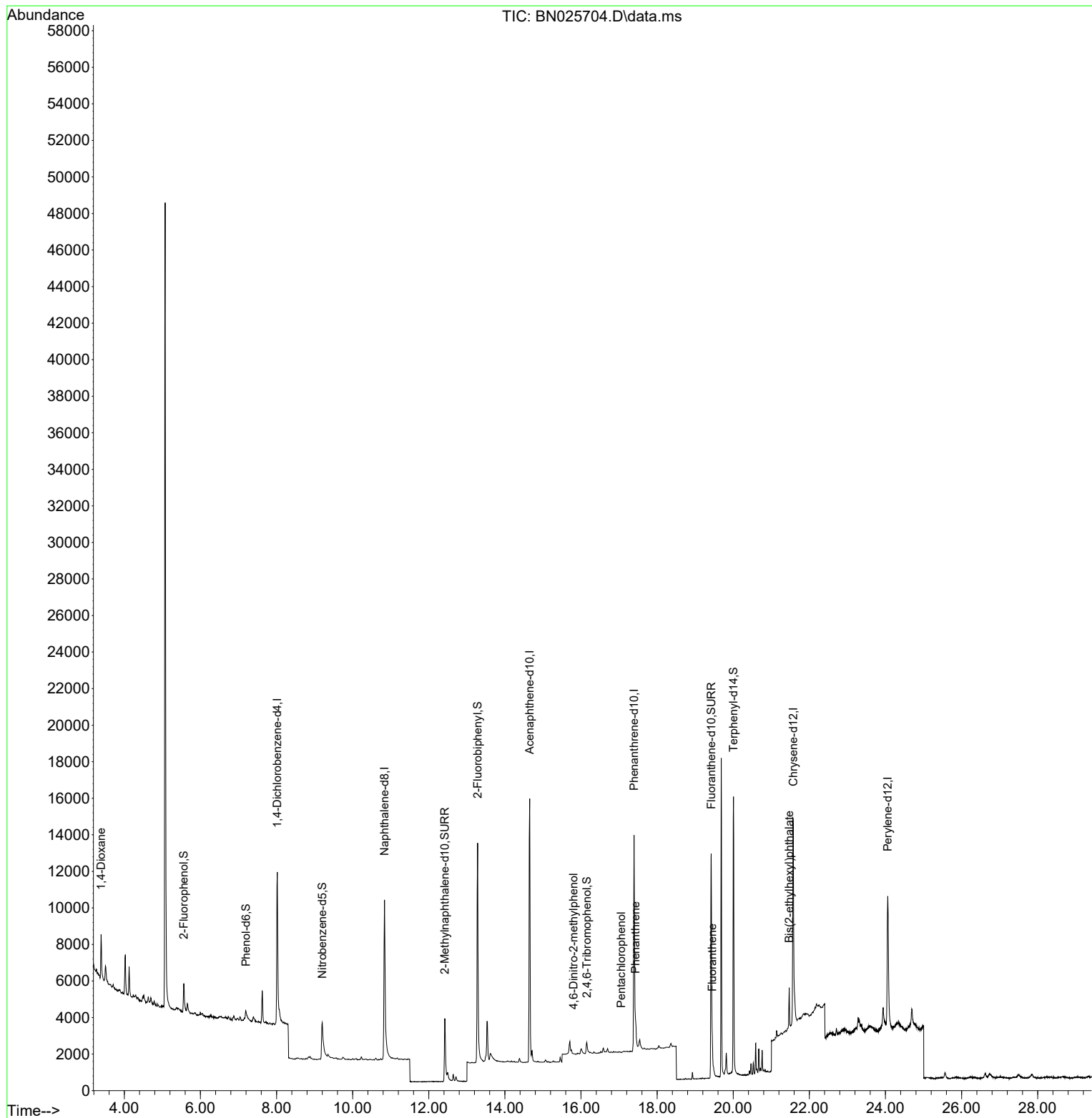
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5386	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	15427	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	9158	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	19007	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	13517	0.400	ng	# 0.00
35) Perylene-d12	24.060	264	13005	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1814	0.131	ng	0.00
5) Phenol-d6	7.196	99	1243	0.075	ng	0.02
8) Nitrobenzene-d5	9.201	82	3478	0.269	ng	0.01
11) 2-Methylnaphthalene-d10	12.423	152	6922	0.315	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	489	0.264	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	12666	0.335	ng	0.00
27) Fluoranthene-d10	19.421	212	16443	0.382	ng	0.00
31) Terphenyl-d14	20.006	244	14721	0.497	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	1570	0.252	ng	# 81
20) 4,6-Dinitro-2-methylph...	15.804	198	3	0.114	ng	# 1
24) Pentachlorophenol	17.058	266	13	0.376	ng	# 30
25) Phenanthrene	17.430	178	1359	0.023	ng	94
28) Fluoranthene	19.449	202	1270	0.020	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.471	149	2291	0.075	ng	# 98

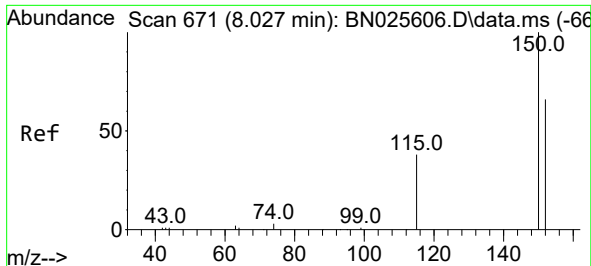
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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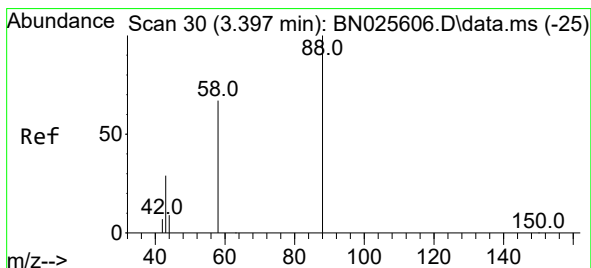
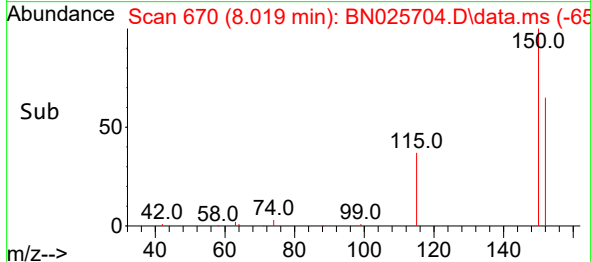
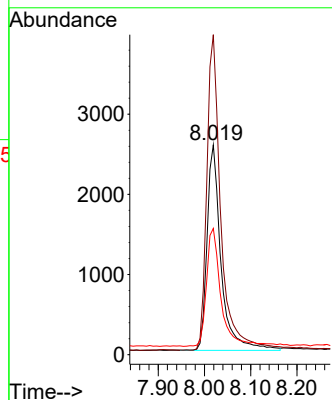
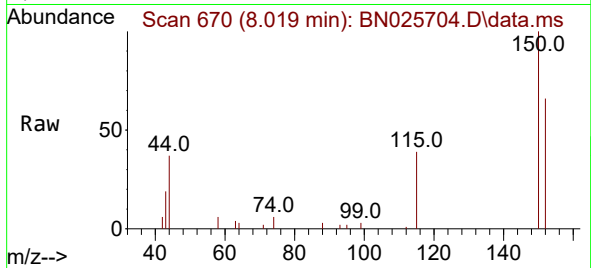




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.019 min Scan# 6
 Delta R.T. 0.000 min
 Lab File: BN025704.D
 Acq: 29 May 2023 05:56

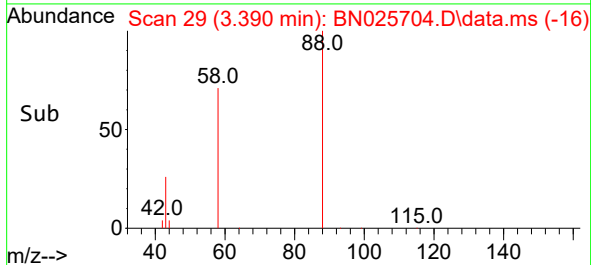
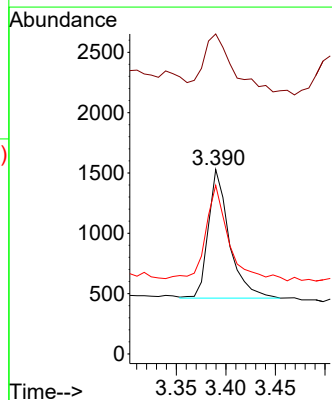
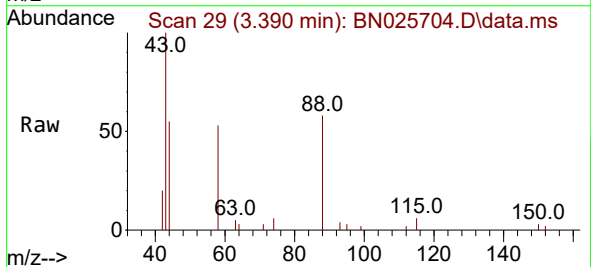
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-318-320

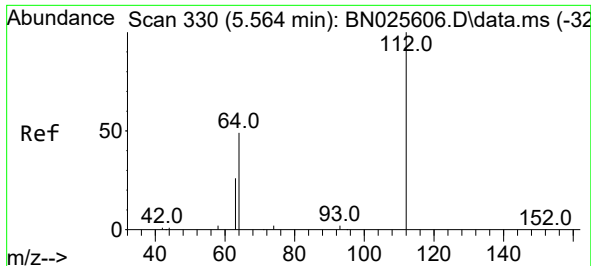
Tgt Ion:152 Resp: 5386
 Ion Ratio Lower Upper
 152 100
 150 152.5 121.0 181.6
 115 60.2 48.5 72.7



#2
 1,4-Dioxane
 Concen: 0.252 ng
 RT: 3.390 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN025704.D
 Acq: 29 May 2023 05:56

Tgt Ion: 88 Resp: 1570
 Ion Ratio Lower Upper
 88 100
 43 61.1 26.5 39.7#
 58 75.4 56.8 85.2

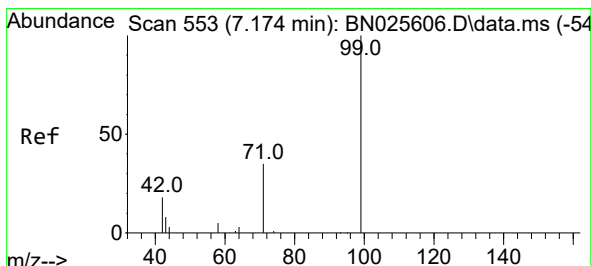
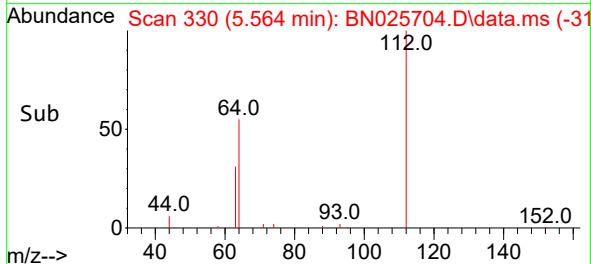
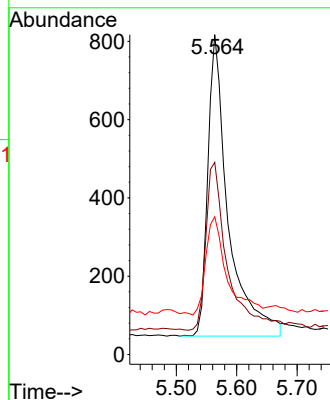
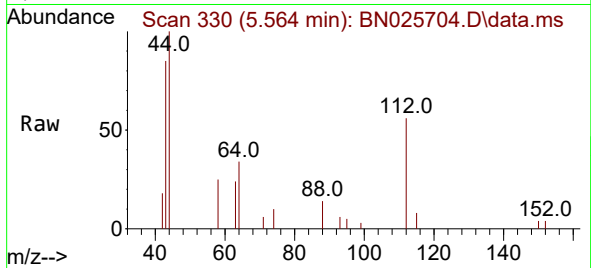




#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025704.D
Acq: 29 May 2023 05:56

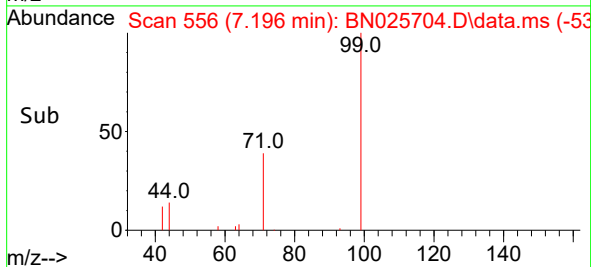
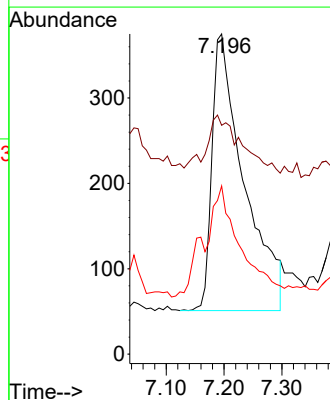
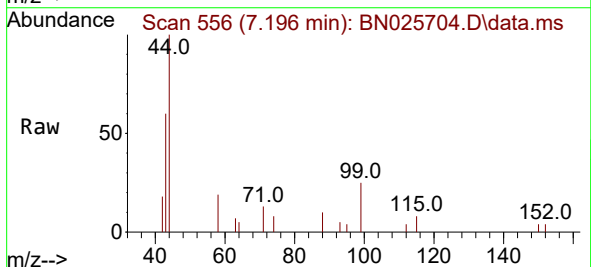
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-318-320

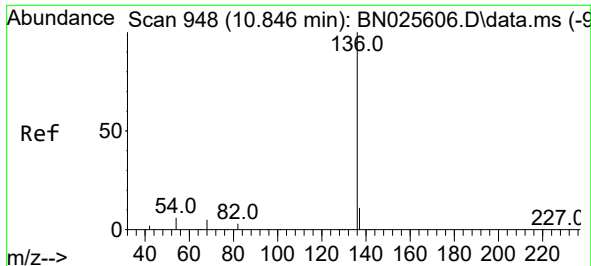
Tgt Ion:112 Resp: 1814
Ion Ratio Lower Upper
112 100
64 58.9 45.7 68.5
63 33.9 26.2 39.2



#5
Phenol-d6
Concen: 0.075 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.021 min
Lab File: BN025704.D
Acq: 29 May 2023 05:56

Tgt Ion: 99 Resp: 1243
Ion Ratio Lower Upper
99 100
42 23.0 17.1 25.7
71 45.2 29.3 43.9#

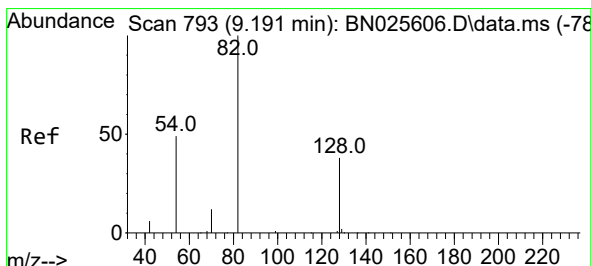
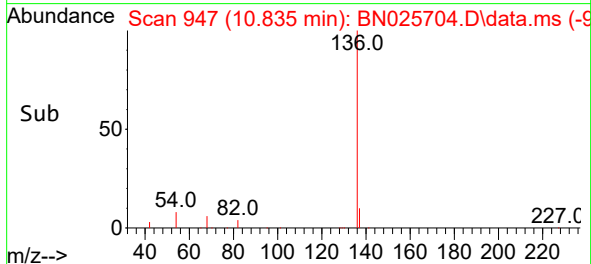
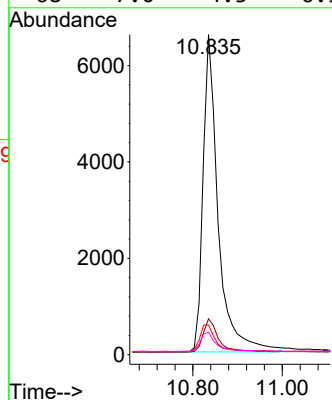
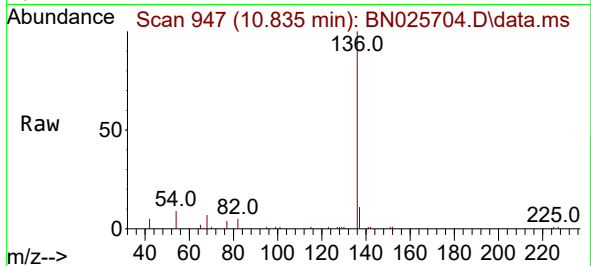




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025704.D
Acq: 29 May 2023 05:56

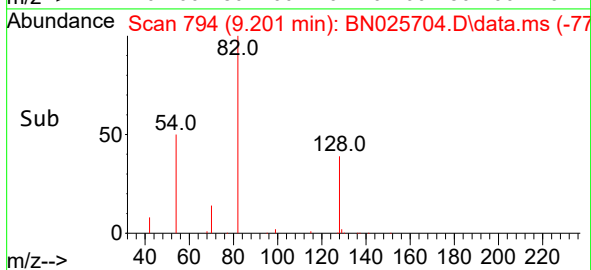
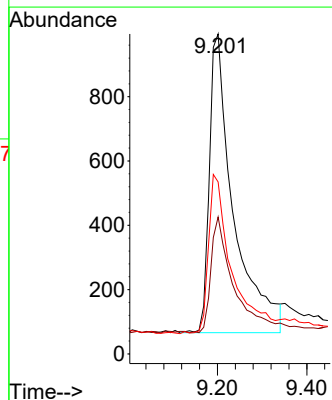
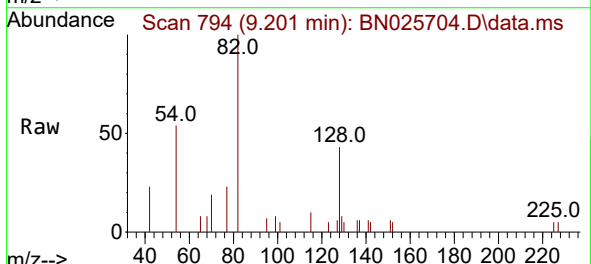
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-318-320

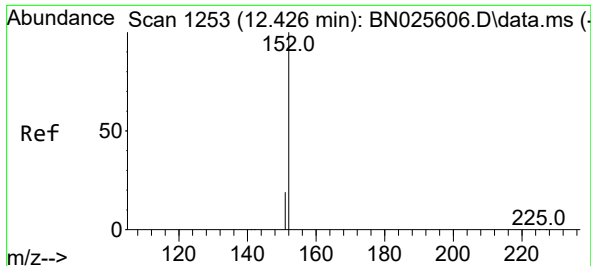
Tgt Ion:	136	Resp:	15427
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	9.3	5.4	8.0#
68	7.0	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 9.201 min Scan# 794
Delta R.T. 0.010 min
Lab File: BN025704.D
Acq: 29 May 2023 05:56

Tgt Ion:	82	Resp:	3478
Ion Ratio	Lower	Upper	
82	100		
128	42.8	32.5	48.7
54	53.8	40.6	60.8

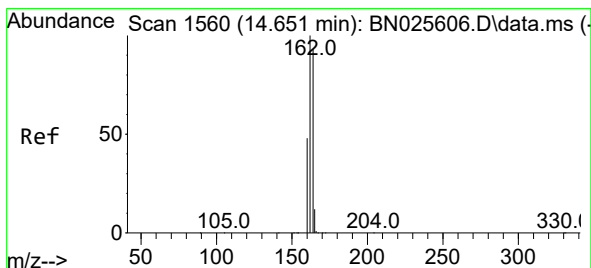
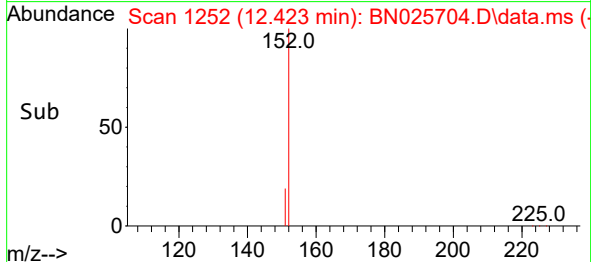
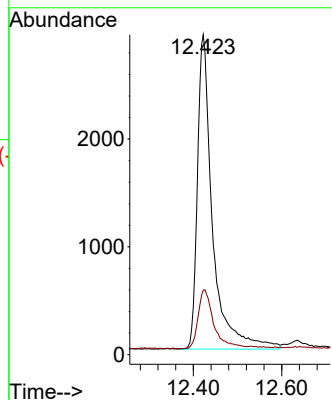
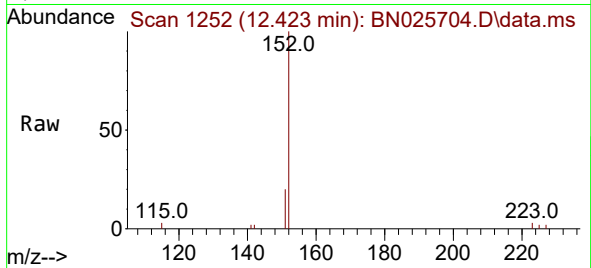




#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 12.423 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025704.D
Acq: 29 May 2023 05:56

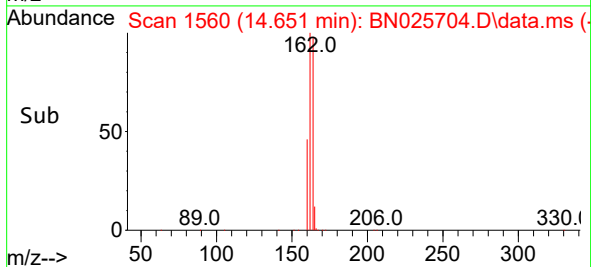
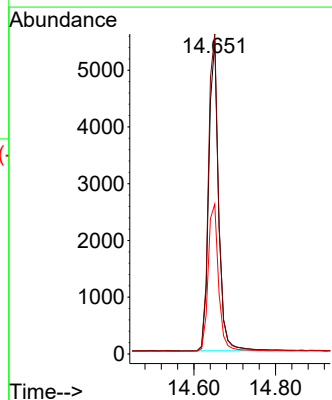
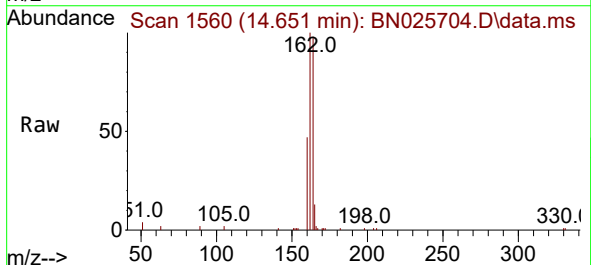
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-318-320

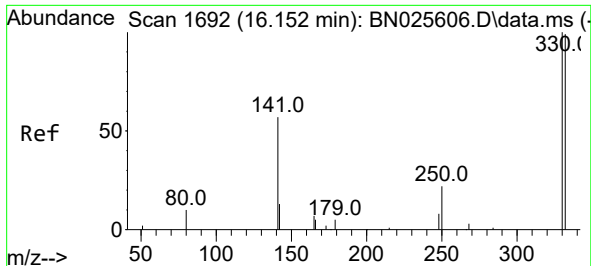
Tgt Ion:152 Resp: 6922
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN025704.D
Acq: 29 May 2023 05:56

Tgt Ion:164 Resp: 9158
Ion Ratio Lower Upper
164 100
162 102.2 86.4 129.6
160 47.9 41.9 62.9

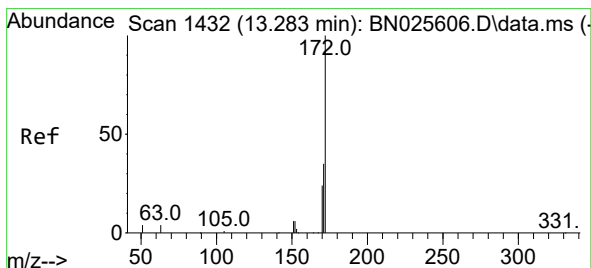
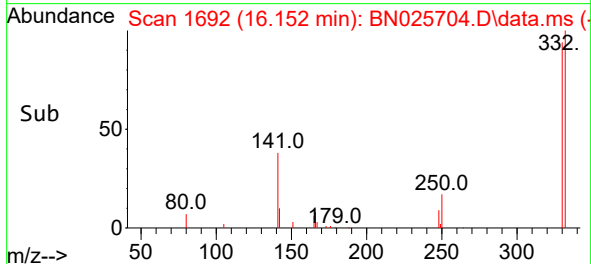
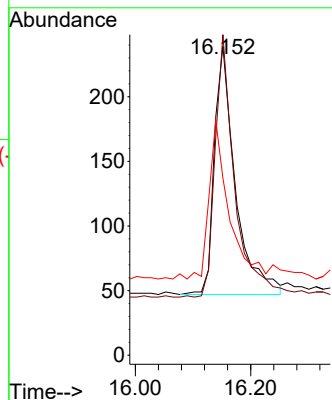
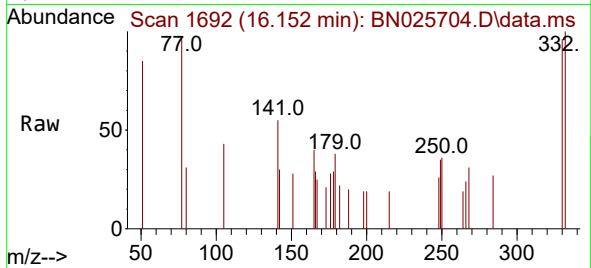




#14
2,4,6-Tribromophenol
Concen: 0.264 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025704.D
Acq: 29 May 2023 05:56

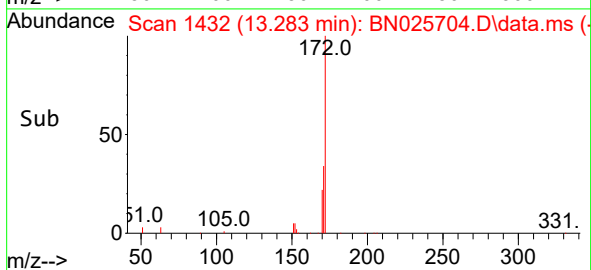
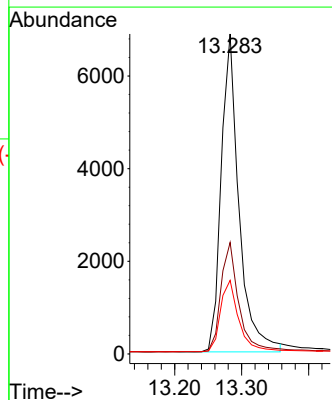
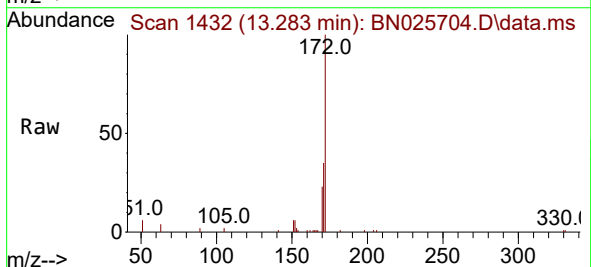
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-318-320

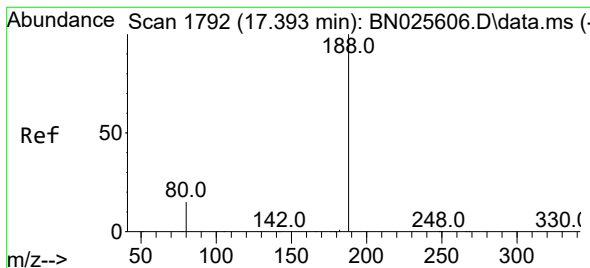
Tgt Ion:330 Resp: 489
Ion Ratio Lower Upper
330 100
332 97.8 80.0 120.0
141 58.7 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025704.D
Acq: 29 May 2023 05:56

Tgt Ion:172 Resp: 12666
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.0 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.393 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN025704.D

Acq: 29 May 2023 05:56

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-318-320

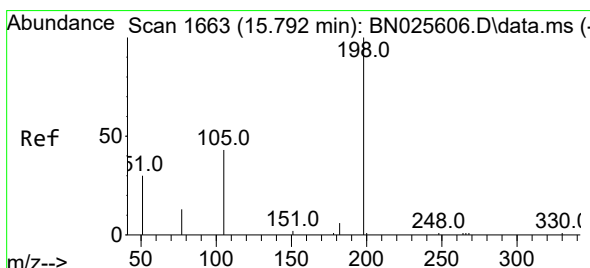
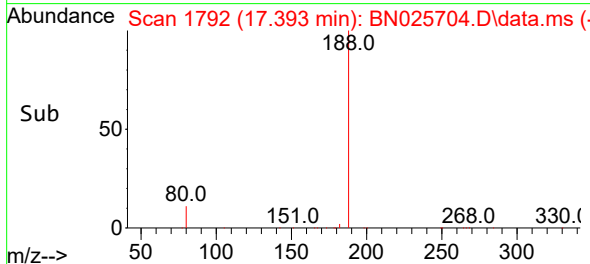
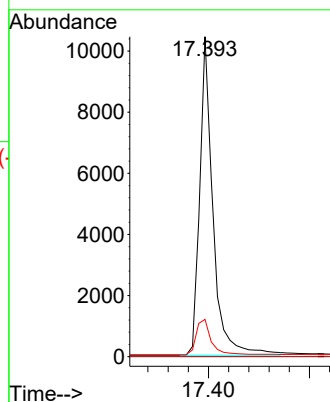
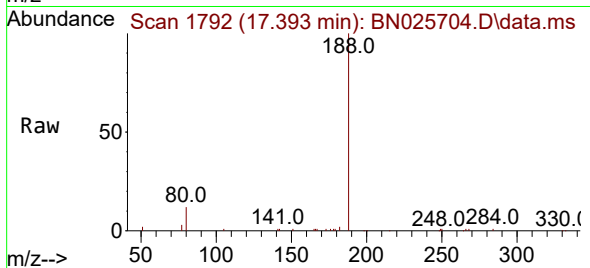
Tgt Ion:188 Resp: 19007

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.6 12.2 18.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.114 ng

RT: 15.804 min Scan# 1664

Delta R.T. 0.012 min

Lab File: BN025704.D

Acq: 29 May 2023 05:56

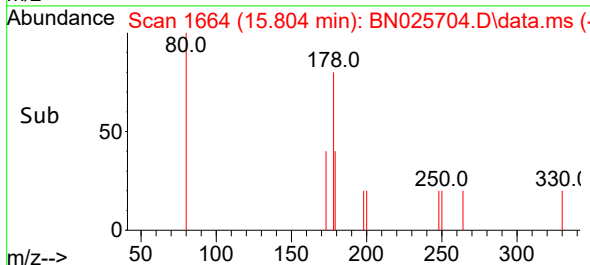
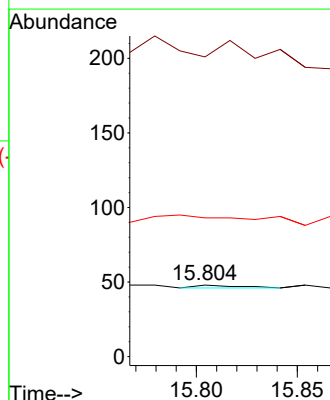
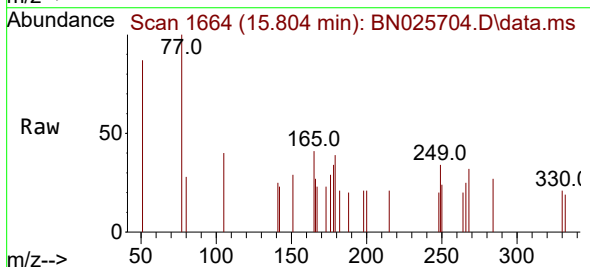
Tgt Ion:198 Resp: 3

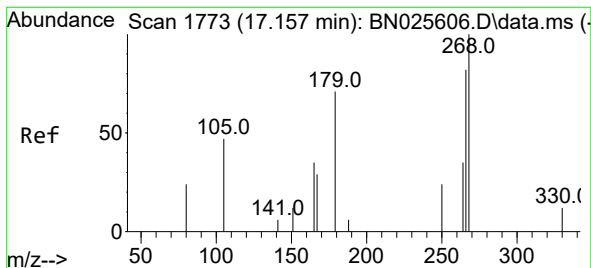
Ion Ratio Lower Upper

198 100

51 418.8 110.8 166.2#

105 193.8 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.376 ng

RT: 17.058 min Scan# 1765

Delta R.T. -0.013 min

Lab File: BN025704.D

Acq: 29 May 2023 05:56

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-318-320

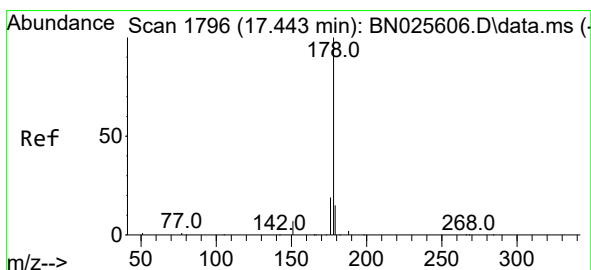
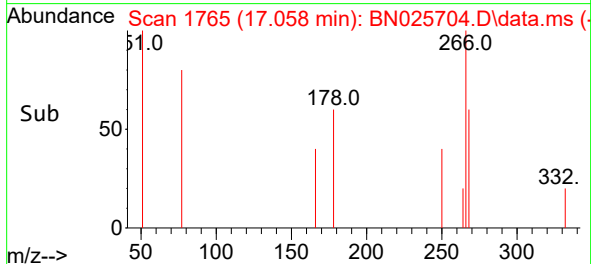
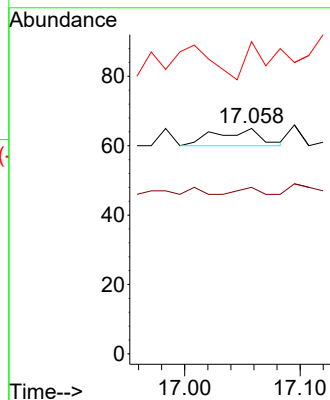
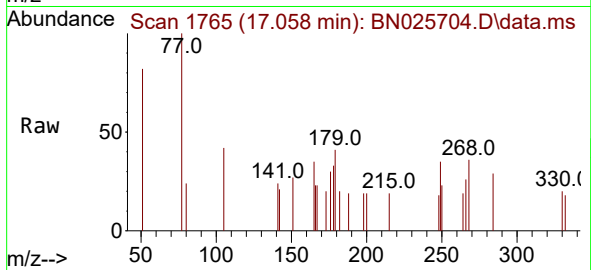
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 15.4 60.0 90.0#

268 169.2 0.0 0.0#



#25

Phenanthrene

Concen: 0.023 ng

RT: 17.430 min Scan# 1795

Delta R.T. -0.000 min

Lab File: BN025704.D

Acq: 29 May 2023 05:56

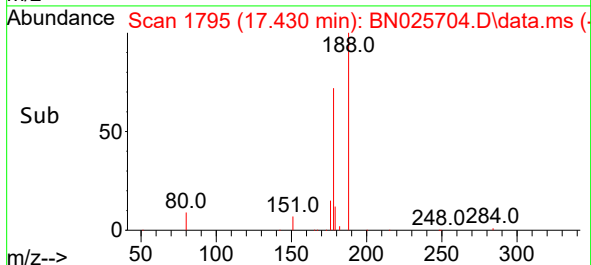
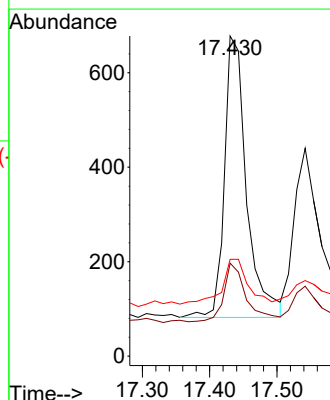
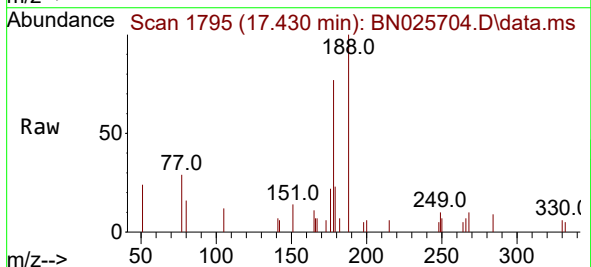
Tgt Ion:178 Resp: 1359

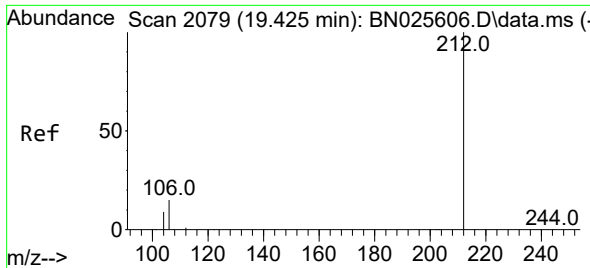
Ion Ratio Lower Upper

178 100

176 21.3 15.4 23.2

179 18.9 12.6 19.0

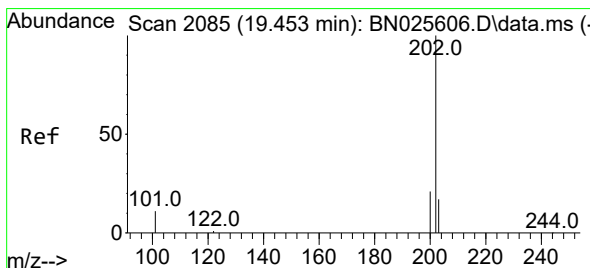
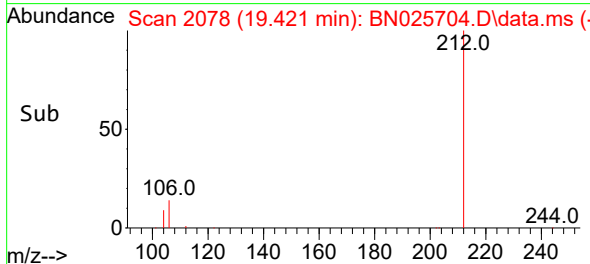
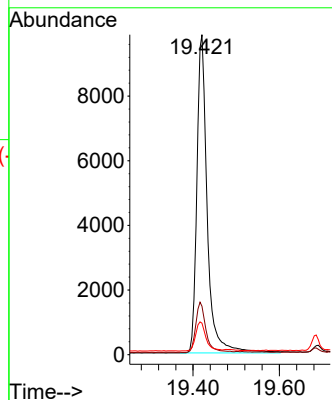
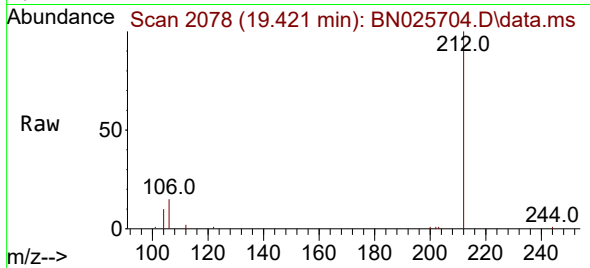




#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.421 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BN025704.D
Acq: 29 May 2023 05:56

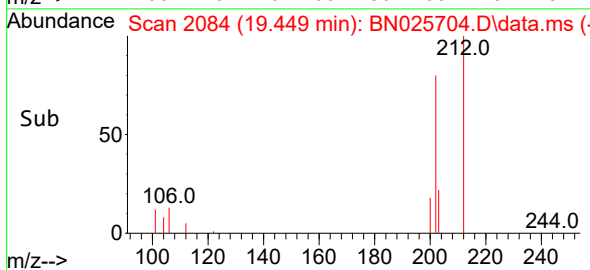
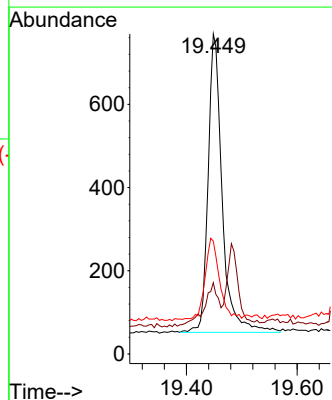
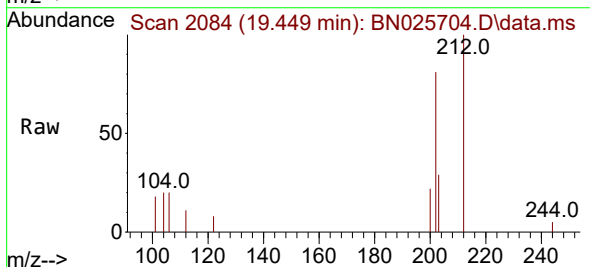
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-318-320

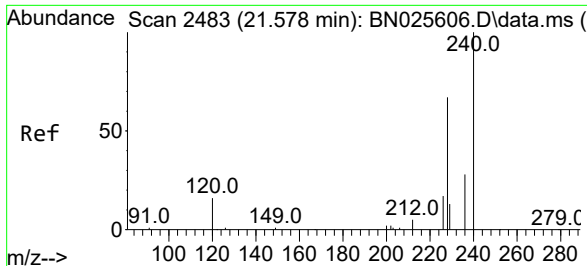
Tgt Ion:212 Resp: 16443
Ion Ratio Lower Upper
212 100
106 15.4 12.3 18.5
104 9.0 7.2 10.8



#28
Fluoranthene
Concen: 0.020 ng
RT: 19.449 min Scan# 2084
Delta R.T. -0.005 min
Lab File: BN025704.D
Acq: 29 May 2023 05:56

Tgt Ion:202 Resp: 1270
Ion Ratio Lower Upper
202 100
101 14.6 9.2 13.8#
203 27.9 13.3 19.9#

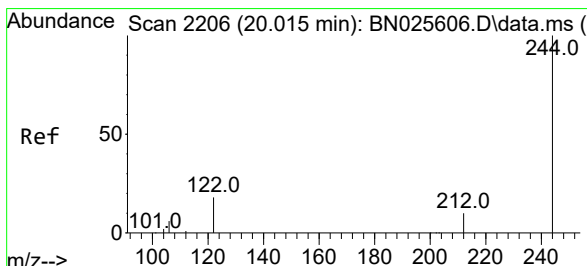
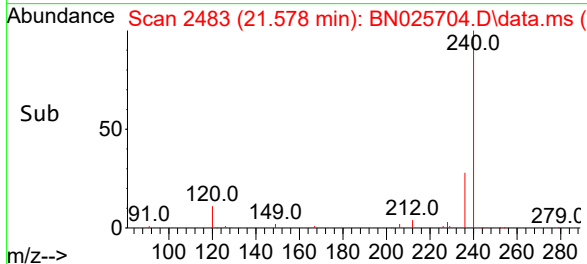
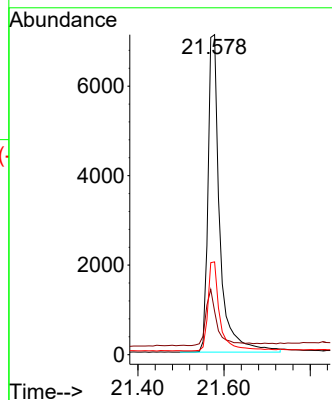
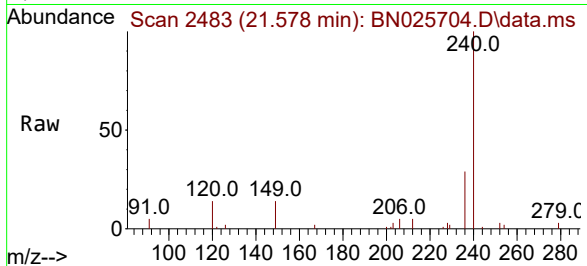




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN025704.D
Acq: 29 May 2023 05:56

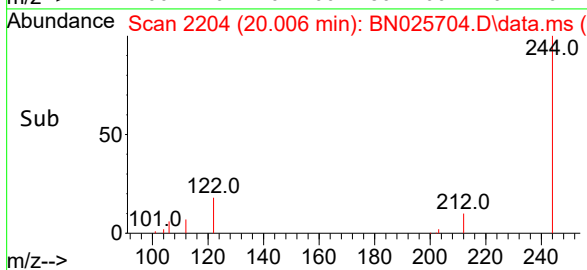
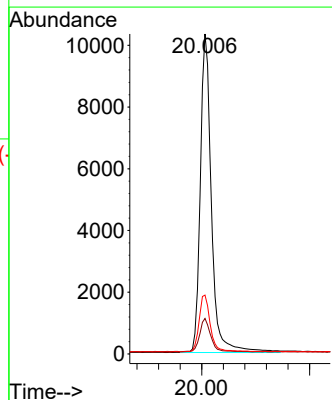
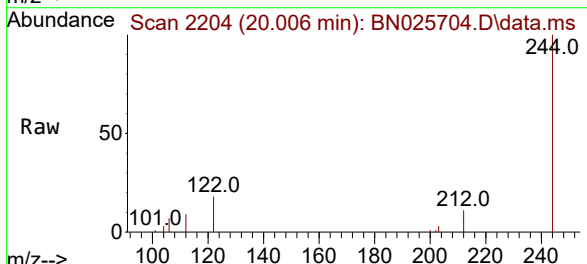
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-318-320

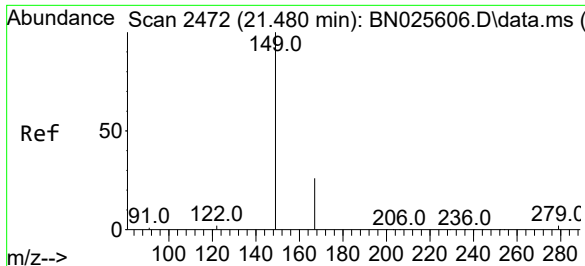
Tgt Ion:240 Resp: 13517
Ion Ratio Lower Upper
240 100
120 13.5 15.4 23.0#
236 29.0 23.2 34.8



#31
Terphenyl-d14
Concen: 0.497 ng
RT: 20.006 min Scan# 2204
Delta R.T. -0.010 min
Lab File: BN025704.D
Acq: 29 May 2023 05:56

Tgt Ion:244 Resp: 14721
Ion Ratio Lower Upper
244 100
212 11.1 8.5 12.7
122 18.4 14.9 22.3

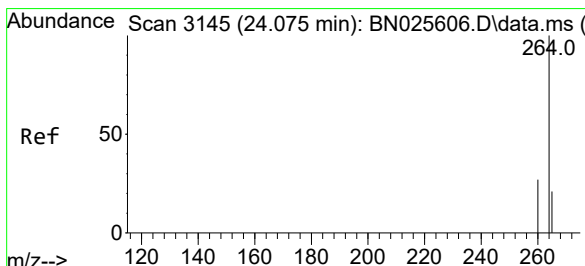
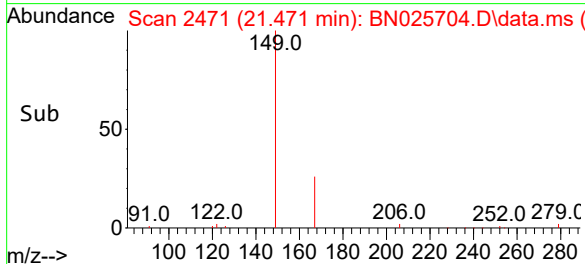
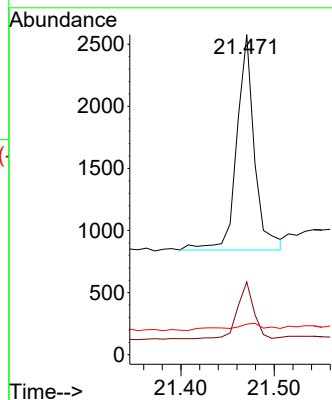
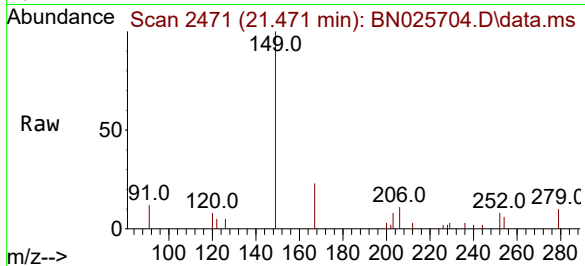




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.075 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BN025704.D
 Acq: 29 May 2023 05:56

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-318-320

Tgt Ion:149 Resp: 2291
 Ion Ratio Lower Upper
 149 100
 167 24.4 20.4 30.6
 279 2.9 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.060 min Scan# 3140
 Delta R.T. -0.009 min
 Lab File: BN025704.D
 Acq: 29 May 2023 05:56

Tgt Ion:264 Resp: 13005
 Ion Ratio Lower Upper
 264 100
 260 27.8 22.3 33.5
 265 55.3 54.3 81.5

