

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025630.D
 Acq On : 27 May 2023 05:06
 Operator : CG/JU
 Sample : 02880-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20230517

Quant Time: May 27 05:45:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 27 03:51:06 2023
 Response via : Initial Calibration

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

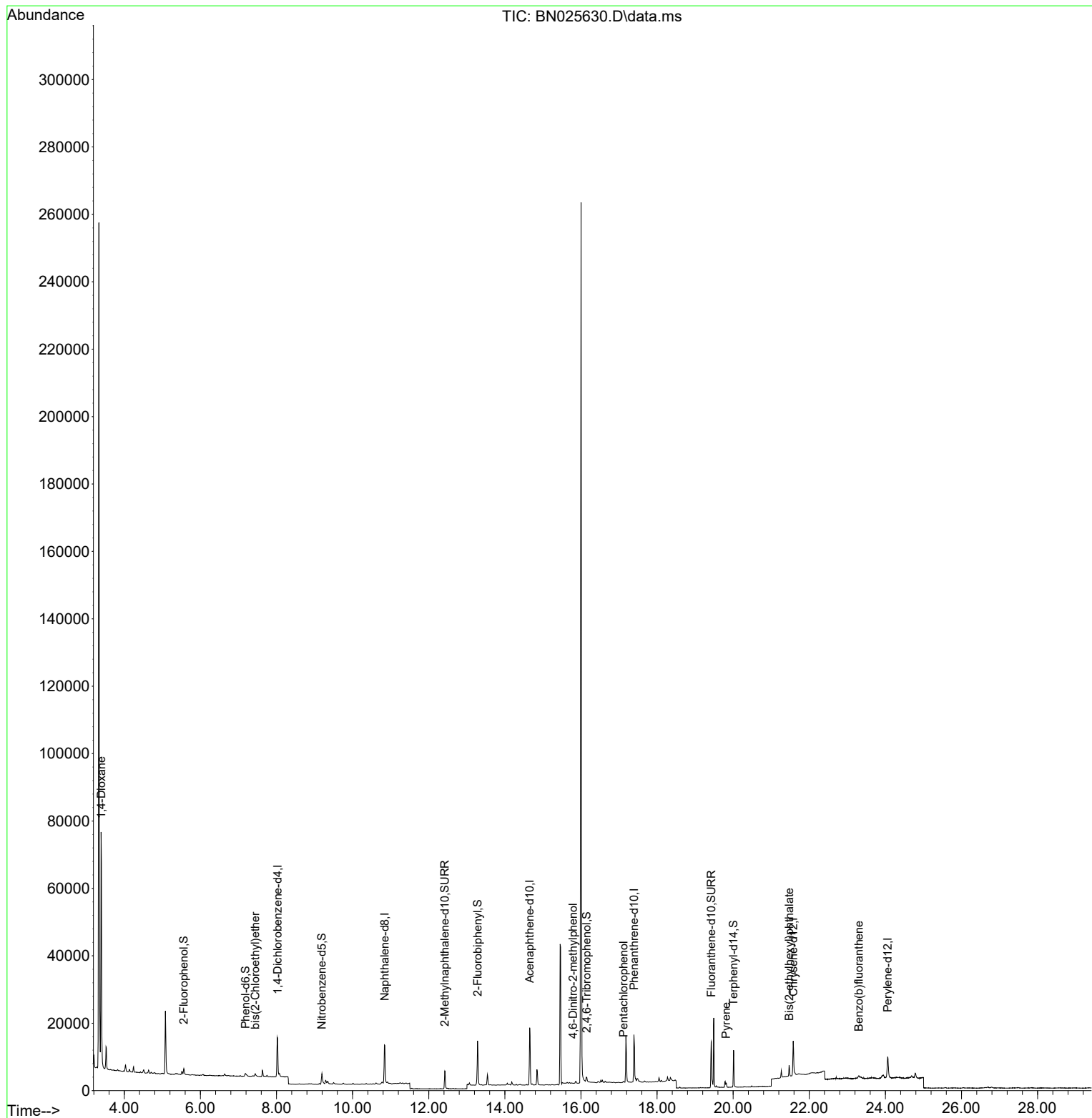
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	6252	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	18076	0.400	ng	0.00
13) Acenaphthene-d10	14.651	164	10214	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	20261	0.400	ng	0.00
29) Chrysene-d12	21.578	240	11379	0.400	ng	0.00
35) Perylene-d12	24.060	264	10392	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1807	0.113	ng	0.00
5) Phenol-d6	7.181	99	1127	0.059	ng	0.00
8) Nitrobenzene-d5	9.191	82	3572	0.236	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	7898	0.306	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	868	0.420	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	11710	0.278	ng	0.00
27) Fluoranthene-d10	19.425	212	16017	0.349	ng	0.00
31) Terphenyl-d14	20.011	244	10005	0.402	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.397	88	42919	5.928	ng	98
6) bis(2-Chloroethyl)ether	7.441	93	606	0.031	ng	# 85
20) 4,6-Dinitro-2-methylph...	15.792	198	1	0.114	ng	# 1
24) Pentachlorophenol	17.120	266	7	0.370	ng	# 79
30) Pyrene	19.816	202	1178	0.021	ng	98
34) Bis(2-ethylhexyl)phtha...	21.471	149	3418	0.132	ng	97
37) Benzo(b)fluoranthene	23.306	252	944	0.024	ng	# 1

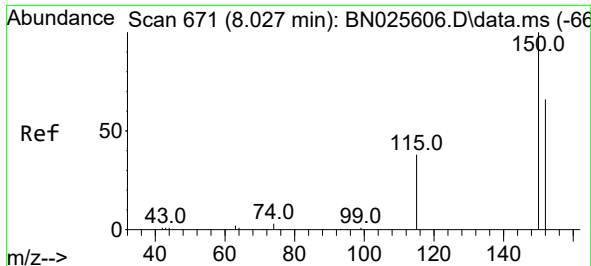
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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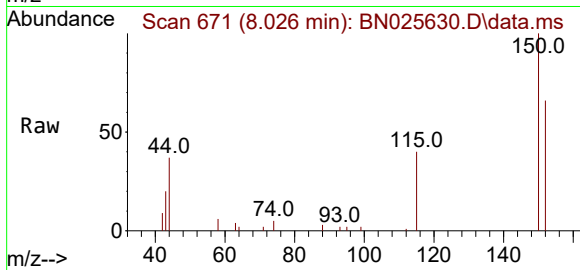
Quant Time: May 27 05:45:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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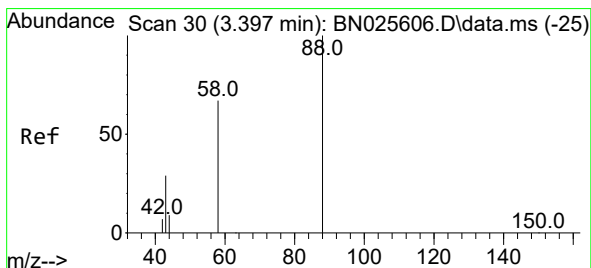
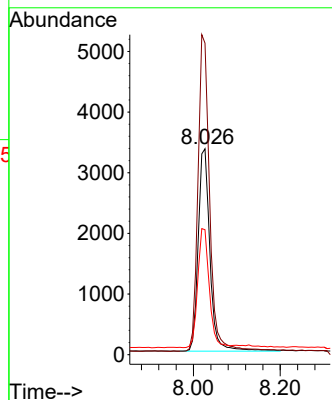
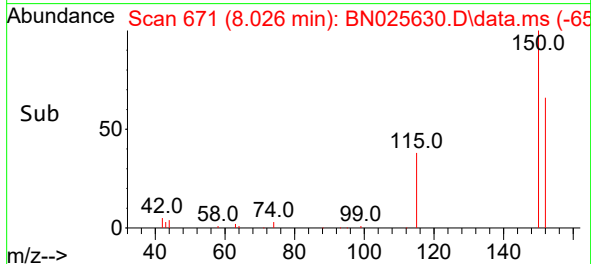


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.026 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN025630.D
 Acq: 27 May 2023 05:06

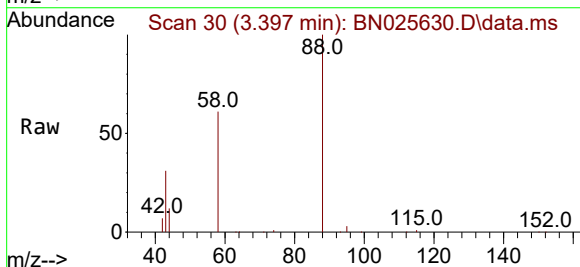
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 RE132D5-20230517



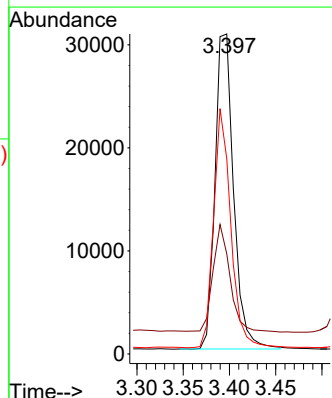
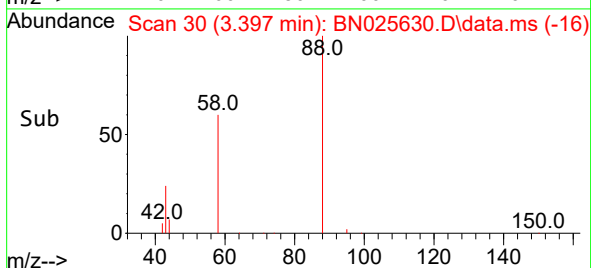
Tgt Ion:152 Resp: 6252
 Ion Ratio Lower Upper
 152 100
 150 151.3 121.0 181.6
 115 60.7 48.5 72.7

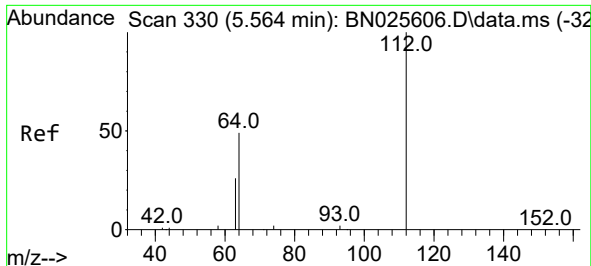


#2
 1,4-Dioxane
 Concen: 5.928 ng
 RT: 3.397 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN025630.D
 Acq: 27 May 2023 05:06



Tgt Ion: 88 Resp: 42919
 Ion Ratio Lower Upper
 88 100
 43 31.1 26.5 39.7
 58 69.8 56.8 85.2

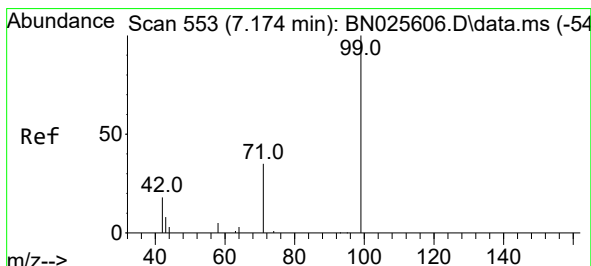
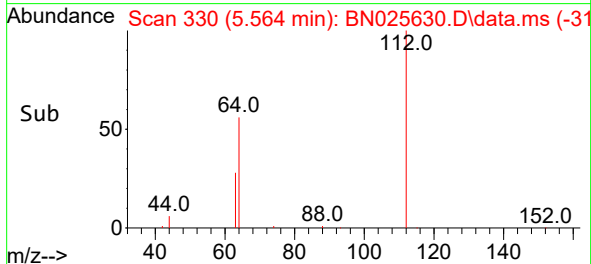
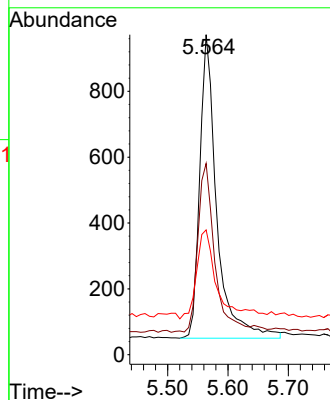
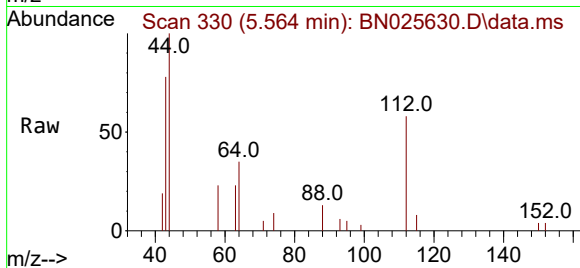




#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.564 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN025630.D
Acq: 27 May 2023 05:06

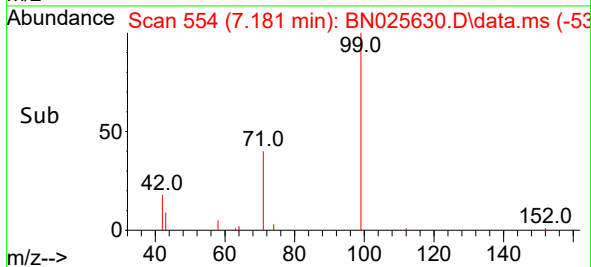
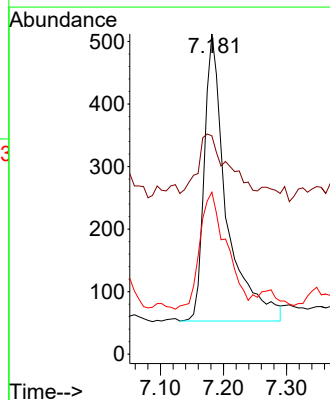
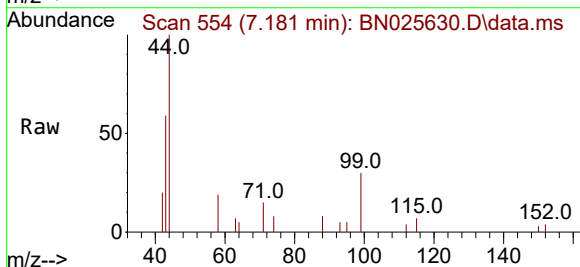
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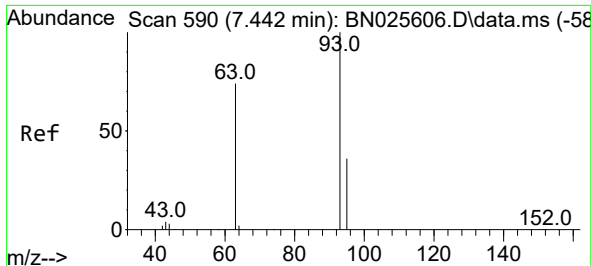
Tgt Ion:112 Resp: 1807
Ion Ratio Lower Upper
112 100
64 53.5 45.7 68.5
63 32.4 26.2 39.2



#5
Phenol-d6
Concen: 0.059 ng
RT: 7.181 min Scan# 554
Delta R.T. 0.007 min
Lab File: BN025630.D
Acq: 27 May 2023 05:06

Tgt Ion: 99 Resp: 1127
Ion Ratio Lower Upper
99 100
42 27.2 17.1 25.7#
71 48.7 29.3 43.9#

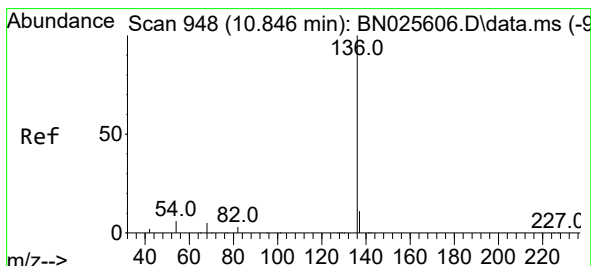
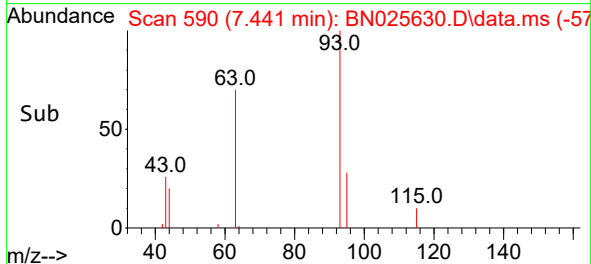
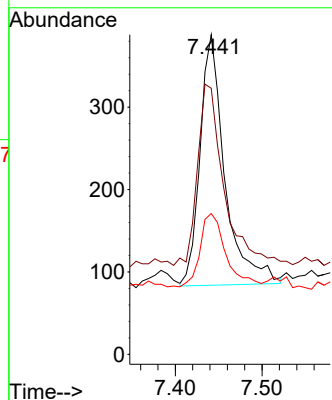
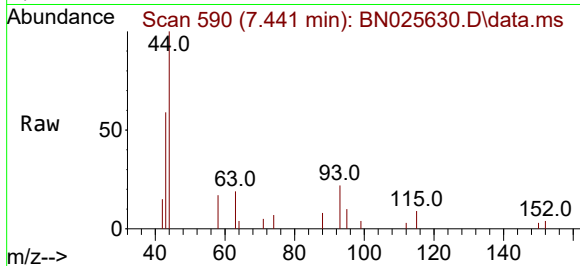




#6
bis(2-Chloroethyl)ether
Concen: 0.031 ng
RT: 7.441 min Scan# 590
Delta R.T. -0.001 min
Lab File: BN025630.D
Acq: 27 May 2023 05:06

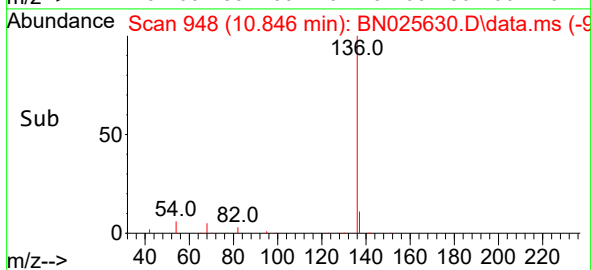
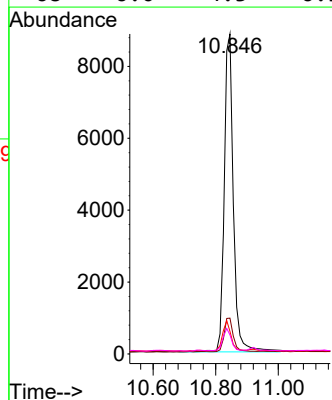
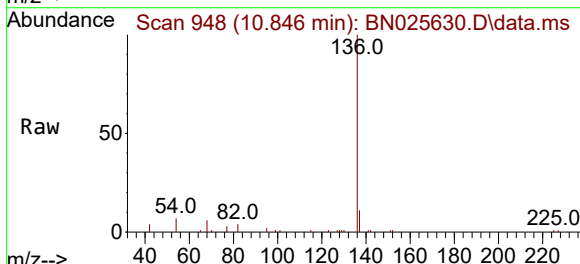
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230517

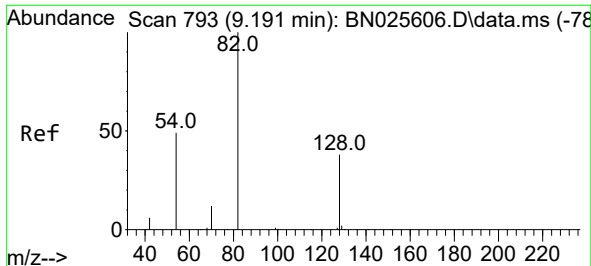
Tgt Ion: 93 Resp: 606
Ion Ratio Lower Upper
93 100
63 77.1 49.1 73.7#
95 30.2 22.6 33.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN025630.D
Acq: 27 May 2023 05:06

Tgt Ion: 136 Resp: 18076
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.1 5.4 8.0
68 6.0 4.3 6.5

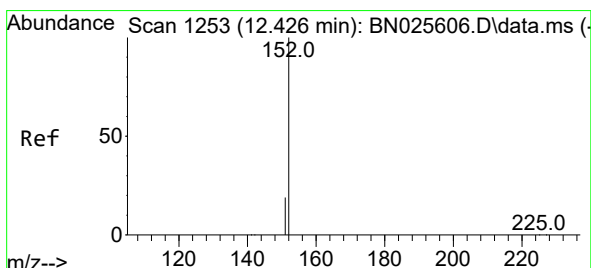
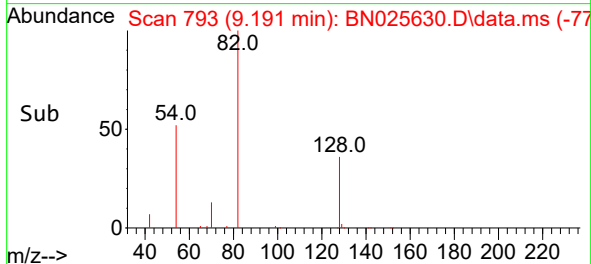
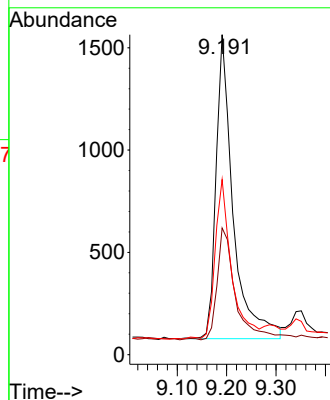
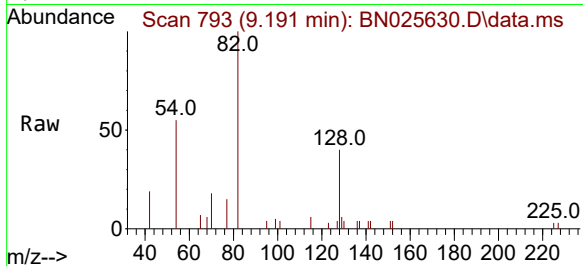




#8
 Nitrobenzene-d5
 Concen: 0.236 ng
 RT: 9.191 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: BN025630.D
 Acq: 27 May 2023 05:06

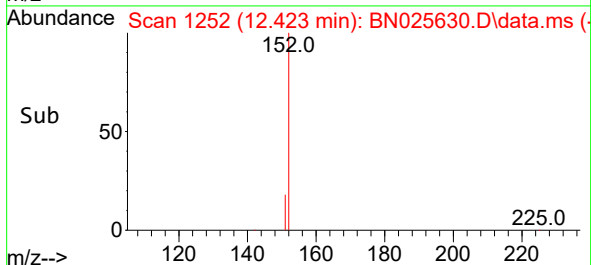
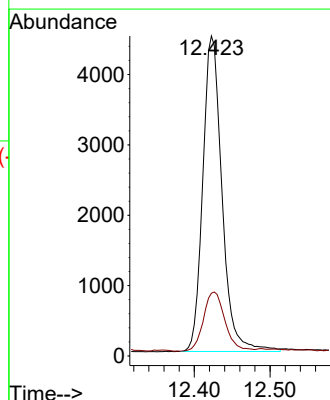
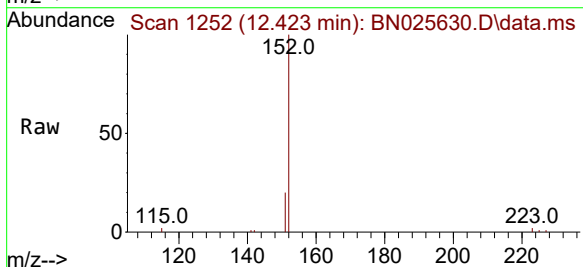
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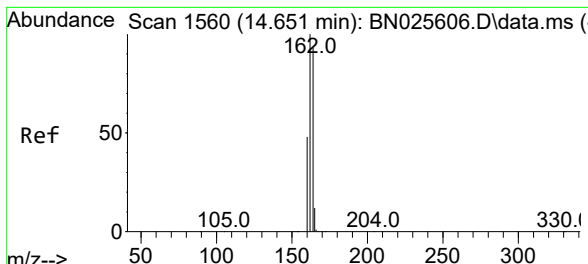
Tgt Ion: 82 Resp: 3572
 Ion Ratio Lower Upper
 82 100
 128 39.6 32.5 48.7
 54 54.7 40.6 60.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.306 ng
 RT: 12.423 min Scan# 1252
 Delta R.T. -0.004 min
 Lab File: BN025630.D
 Acq: 27 May 2023 05:06

Tgt Ion: 152 Resp: 7898
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.1 24.1

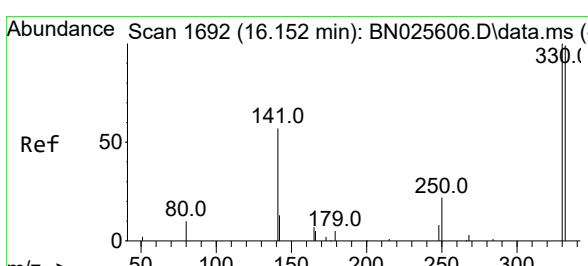
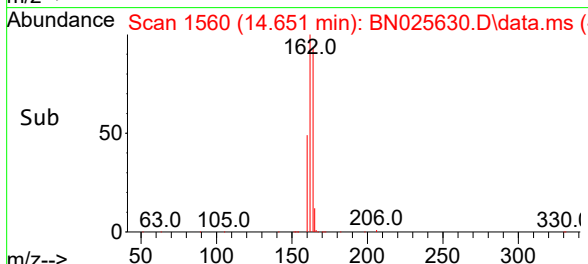
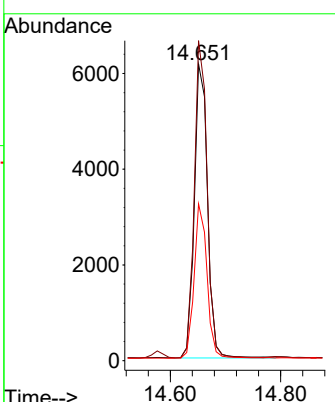
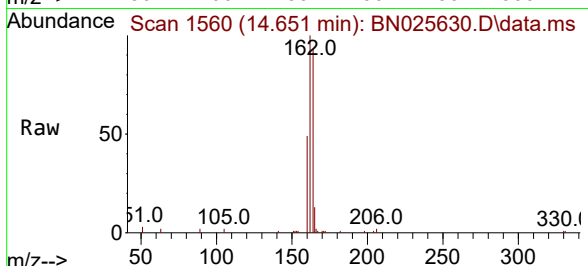




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.651 min Scan# 1560
 Delta R.T. -0.000 min
 Lab File: BN025630.D
 Acq: 27 May 2023 05:06

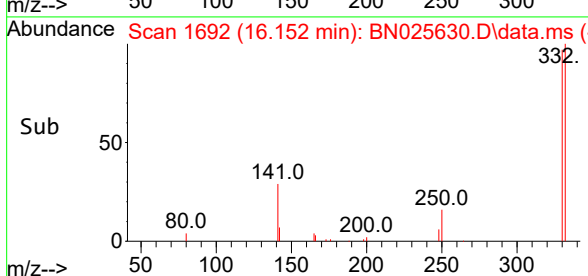
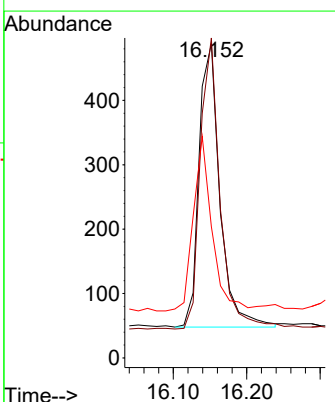
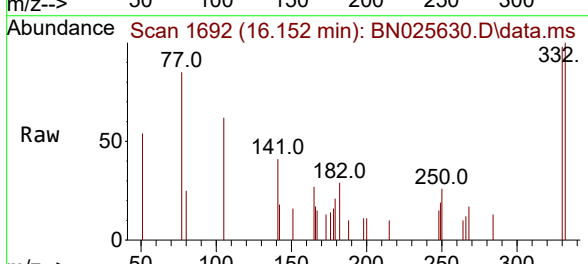
Instrument : BNA_N
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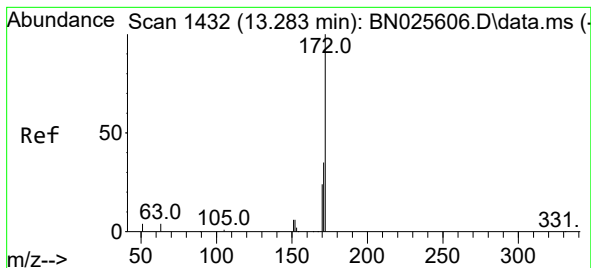
Tgt Ion:	164	Resp:	10214
Ion	Ratio	Lower	Upper
164	100		
162	107.9	86.4	129.6
160	52.8	41.9	62.9



#14
 2,4,6-Tribromophenol
 Concen: 0.420 ng
 RT: 16.152 min Scan# 1692
 Delta R.T. -0.000 min
 Lab File: BN025630.D
 Acq: 27 May 2023 05:06

Tgt Ion:	330	Resp:	868
Ion	Ratio	Lower	Upper
330	100		
332	97.8	80.0	120.0
141	55.4	45.8	68.6

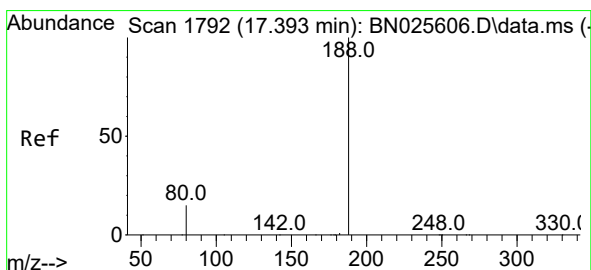
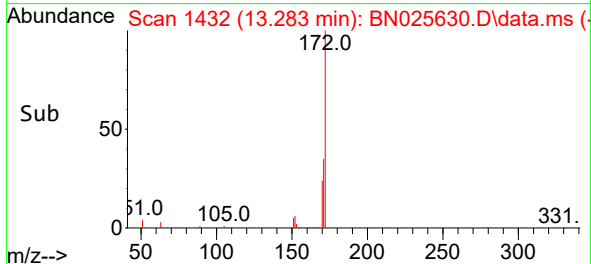
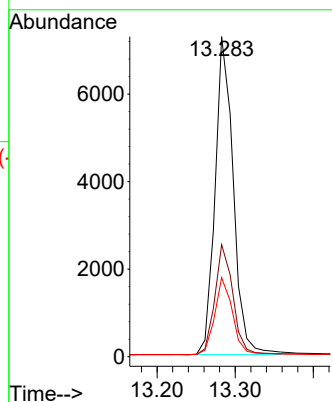
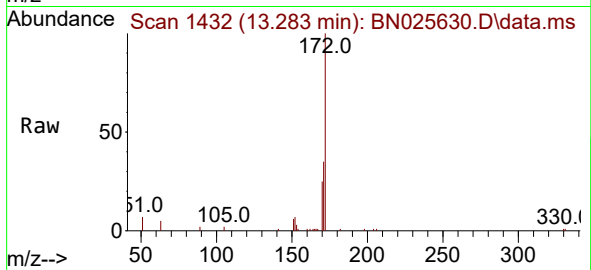




#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025630.D
Acq: 27 May 2023 05:06

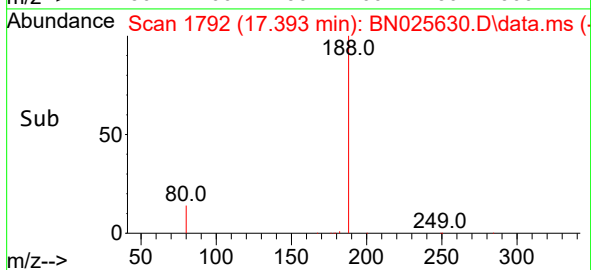
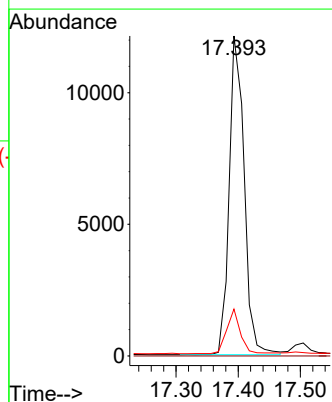
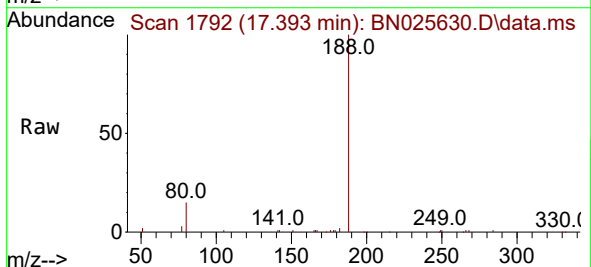
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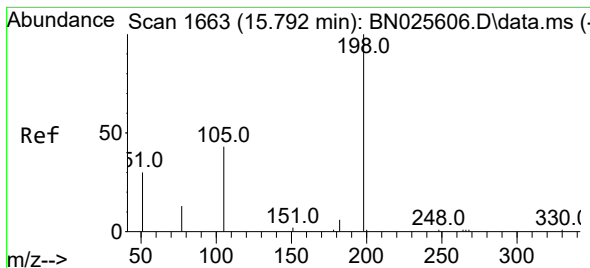
Tgt Ion:172 Resp: 11710
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 24.7 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN025630.D
Acq: 27 May 2023 05:06

Tgt Ion:188 Resp: 20261
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.7 12.2 18.2

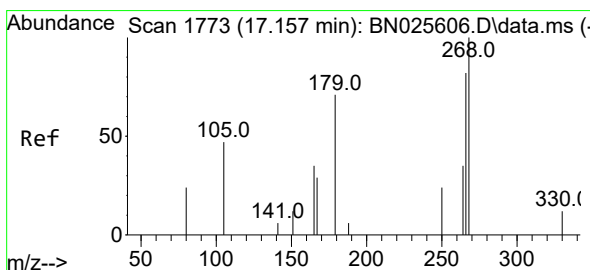
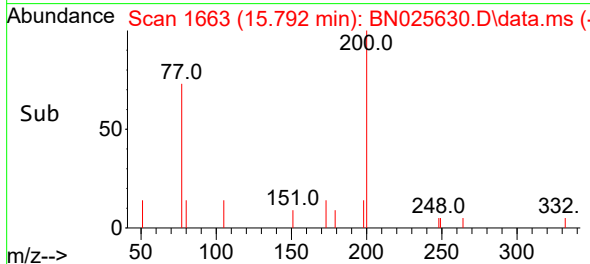
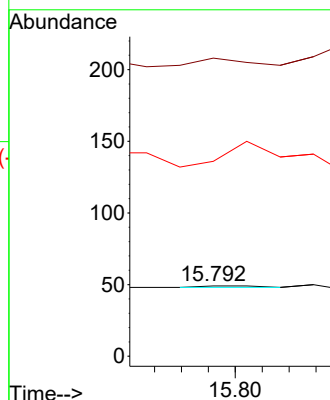
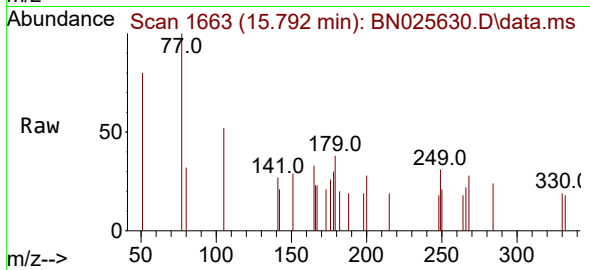




#20
4,6-Dinitro-2-methylphenol
Concen: 0.114 ng
RT: 15.792 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BN025630.D
Acq: 27 May 2023 05:06

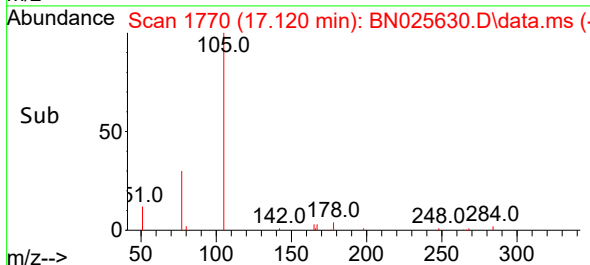
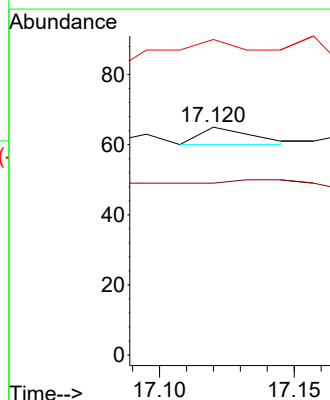
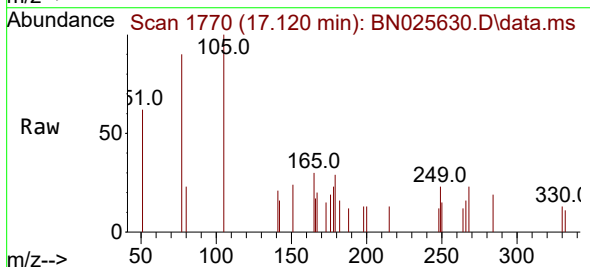
Instrument :
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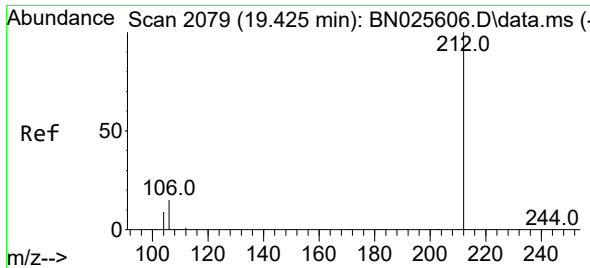
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 424.5 110.8 166.2#
105 277.6 61.9 92.9#



#24
Pentachlorophenol
Concen: 0.370 ng
RT: 17.120 min Scan# 1770
Delta R.T. -0.037 min
Lab File: BN025630.D
Acq: 27 May 2023 05:06

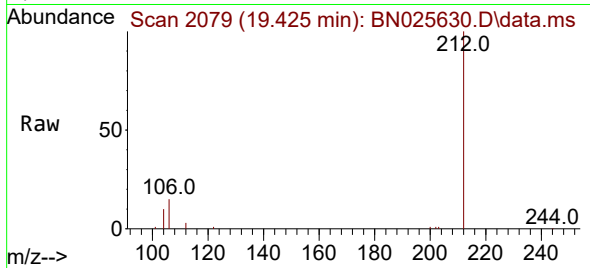
Tgt Ion:266 Resp: 7
Ion Ratio Lower Upper
266 100
264 57.1 60.0 90.0#
268 142.9 0.0 0.0#



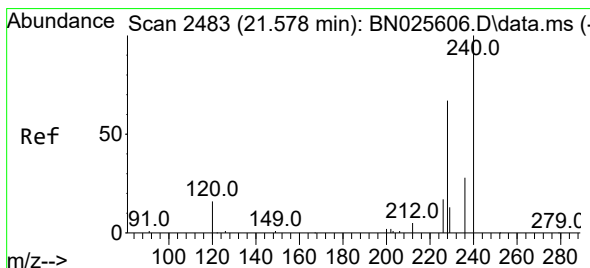
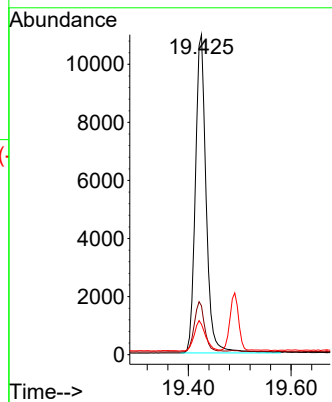
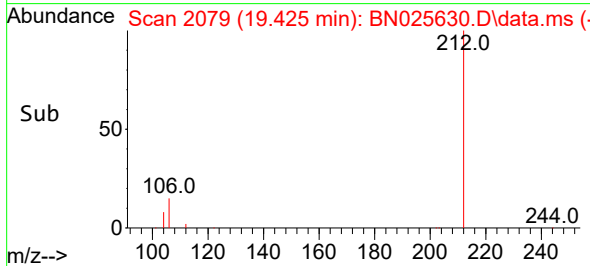


#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.425 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BN025630.D
Acq: 27 May 2023 05:06

Instrument :
BNA_N
ClientSampleId :
RE132D5-20230517

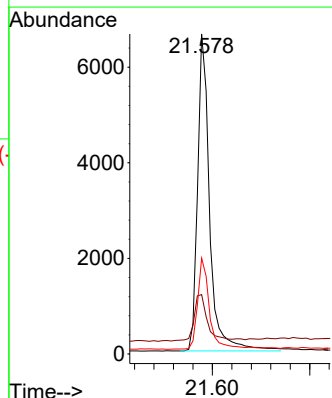
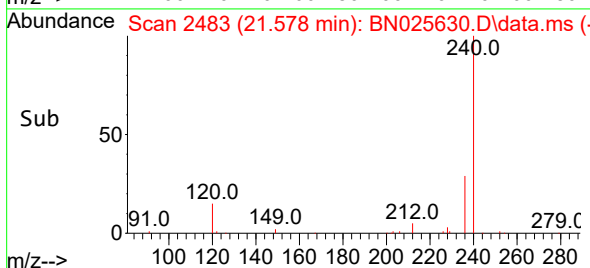
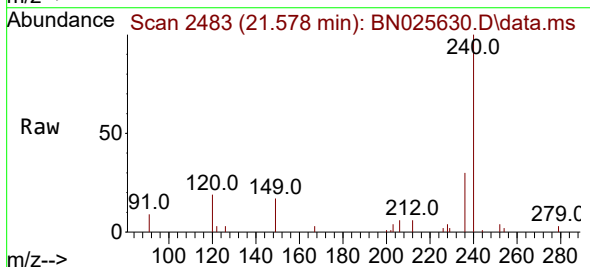


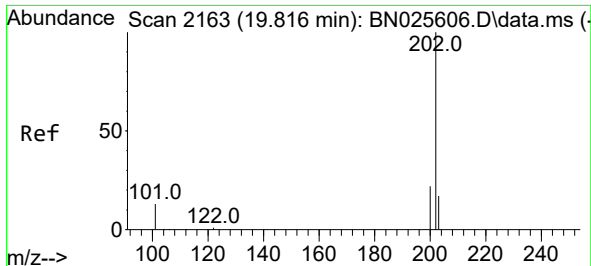
Tgt Ion:212 Resp: 16017
Ion Ratio Lower Upper
212 100
106 15.3 12.3 18.5
104 10.0 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN025630.D
Acq: 27 May 2023 05:06

Tgt Ion:240 Resp: 11379
Ion Ratio Lower Upper
240 100
120 18.6 15.4 23.0
236 29.9 23.2 34.8

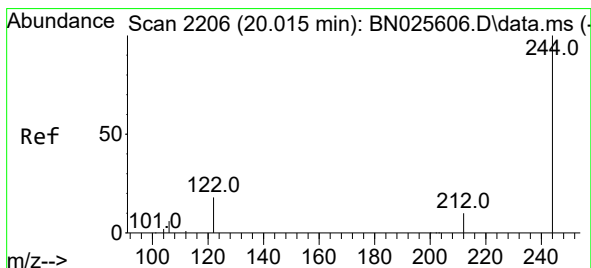
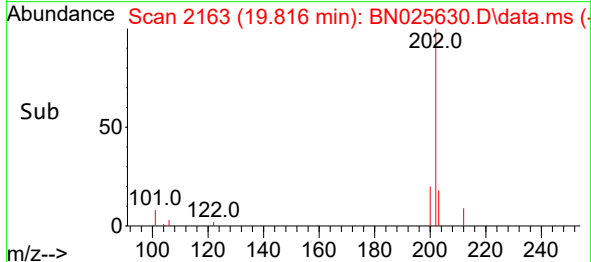
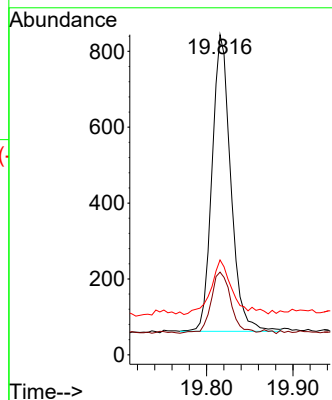
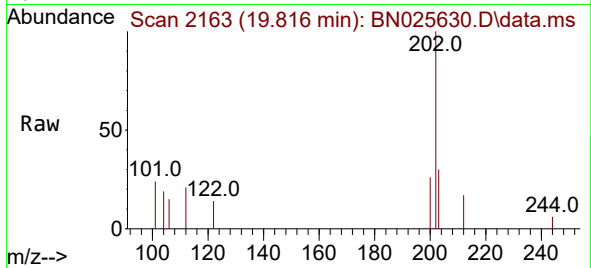




#30
Pyrene
Concen: 0.021 ng
RT: 19.816 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BN025630.D
Acq: 27 May 2023 05:06

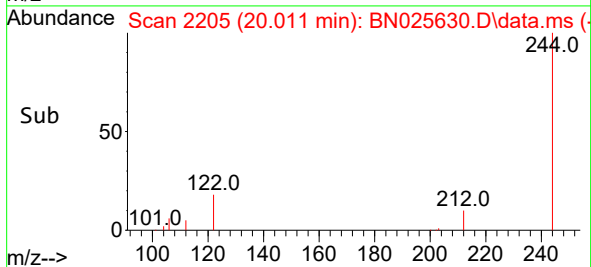
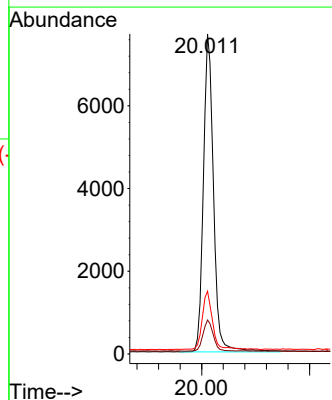
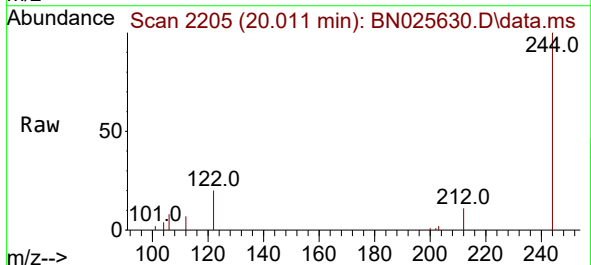
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230517

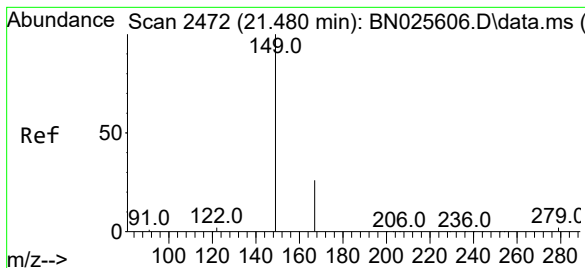
Tgt Ion:202 Resp: 1178
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 19.8 14.5 21.7



#31
Terphenyl-d14
Concen: 0.402 ng
RT: 20.011 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BN025630.D
Acq: 27 May 2023 05:06

Tgt Ion:244 Resp: 10005
Ion Ratio Lower Upper
244 100
212 10.6 8.5 12.7
122 19.6 14.9 22.3

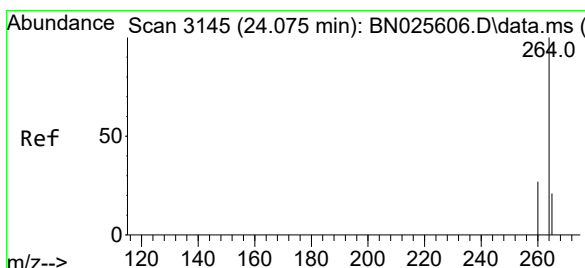
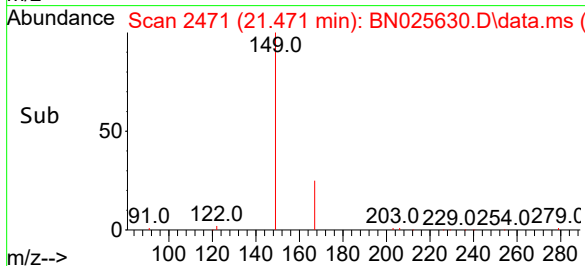
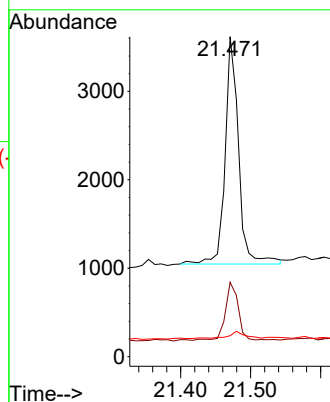
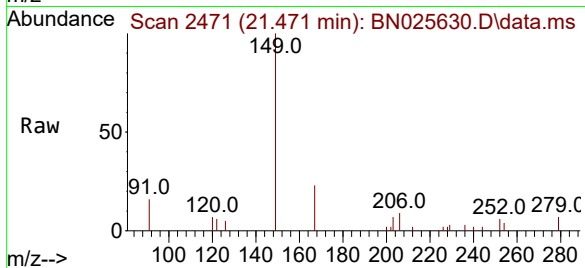




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.132 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.009 min
 Lab File: BN025630.D
 Acq: 27 May 2023 05:06

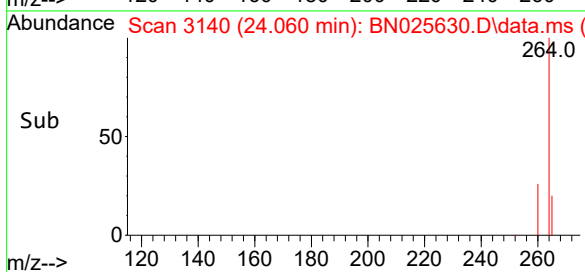
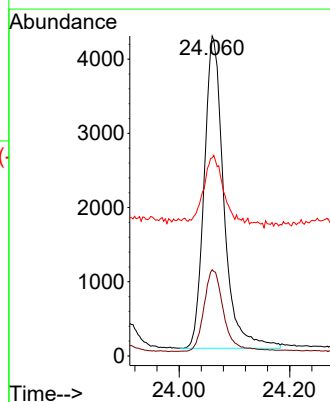
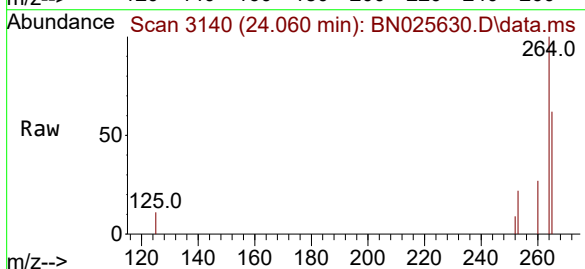
Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20230517

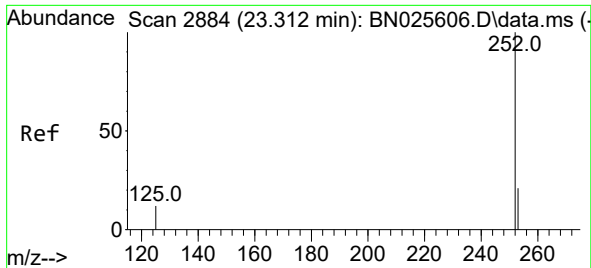
Tgt Ion:149 Resp: 3418
 Ion Ratio Lower Upper
 149 100
 167 24.0 20.4 30.6
 279 4.1 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.060 min Scan# 3140
 Delta R.T. -0.015 min
 Lab File: BN025630.D
 Acq: 27 May 2023 05:06

Tgt Ion:264 Resp: 10392
 Ion Ratio Lower Upper
 264 100
 260 27.0 22.3 33.5
 265 61.9 54.3 81.5





#37

Benzo(b)fluoranthene

Concen: 0.024 ng

RT: 23.306 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN025630.D

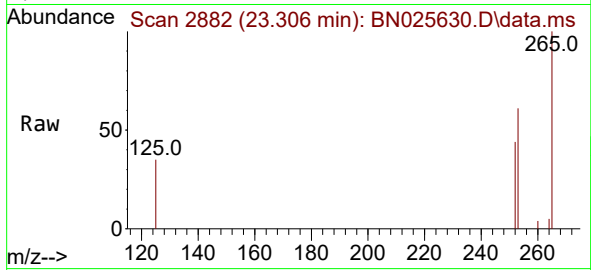
Acq: 27 May 2023 05:06

Instrument :

BNA_N

ClientSampleId :

RE132D5-20230517



Tgt Ion:252 Resp: 944

Ion Ratio Lower Upper

252 100

253 138.3 26.2 39.4#

125 79.5 12.9 19.3#

