

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025631.D
 Acq On : 27 May 2023 05:42
 Operator : CG/JU
 Sample : 02880-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20230517

Quant Time: May 27 06:36:16 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)

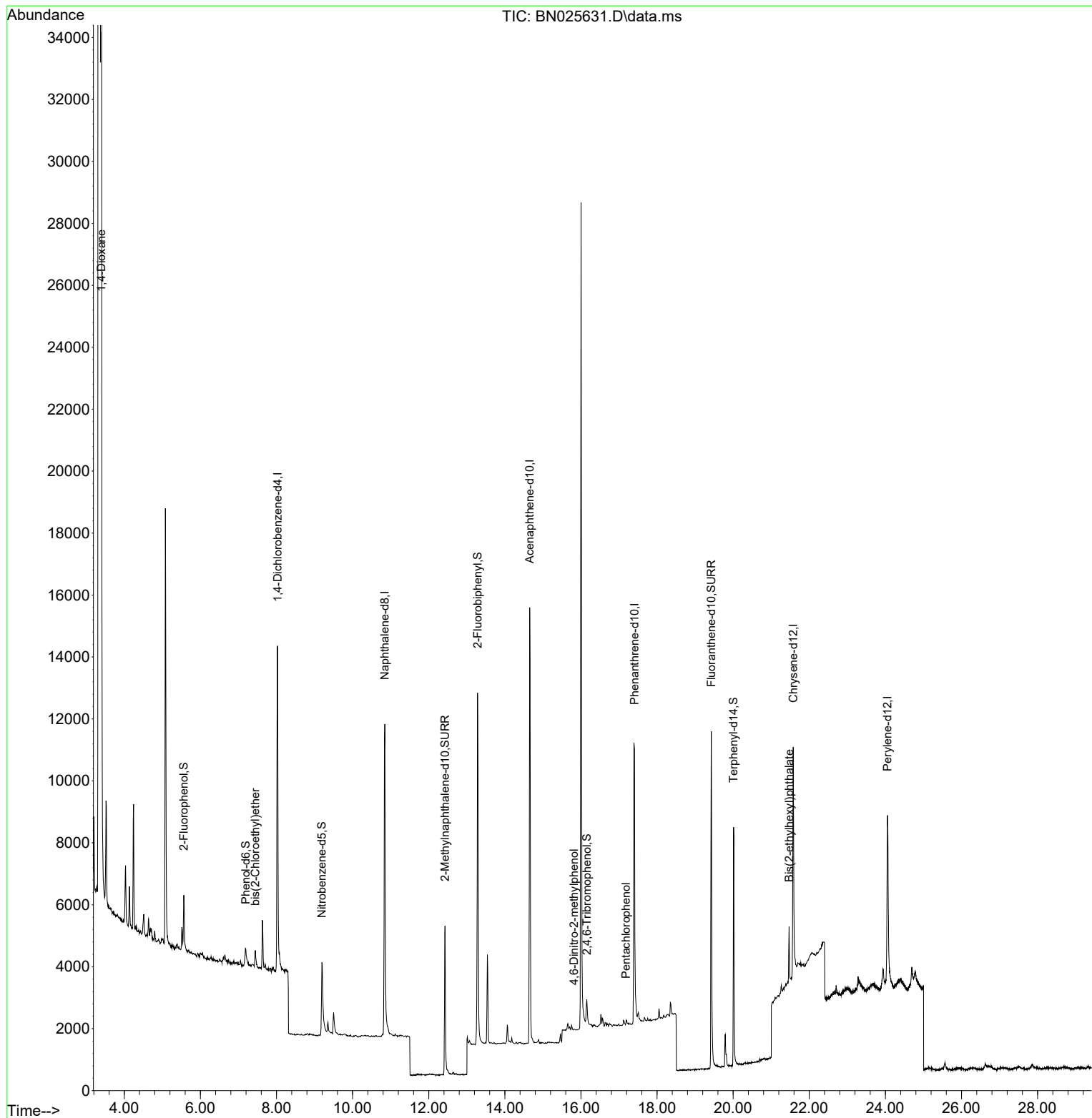
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.027	152	6045	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	16273	0.400	ng	0.00
13) Acenaphthene-d10	14.651	164	8901	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	15919	0.400	ng	# 0.01
29) Chrysene-d12	21.578	240	9260	0.400	ng	0.00
35) Perylene-d12	24.057	264	9095	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1814	0.117	ng	0.00
5) Phenol-d6	7.189	99	988	0.053	ng	0.01
8) Nitrobenzene-d5	9.191	82	3332	0.245	ng	0.00
11) 2-Methylnaphthalene-d10	12.426	152	7579	0.326	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	572	0.318	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	10902	0.297	ng	0.00
27) Fluoranthene-d10	19.425	212	13337	0.370	ng	0.00
31) Terphenyl-d14	20.011	244	8136	0.401	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.397	88	36057	5.151	ng	97
6) bis(2-Chloroethyl)ether	7.442	93	574	0.030	ng	# 81
20) 4,6-Dinitro-2-methylph...	15.817	198	1	0.114	ng	# 1
24) Pentachlorophenol	17.182	266	18	0.383	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.471	149	1790	0.085	ng	# 97

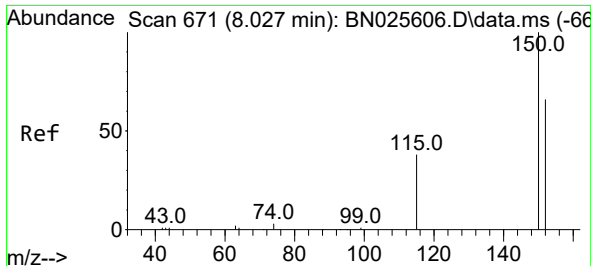
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025631.D
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Misc :
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RE132D6-20230517

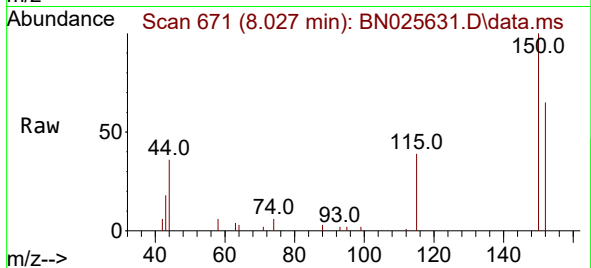
Quant Time: May 27 06:36:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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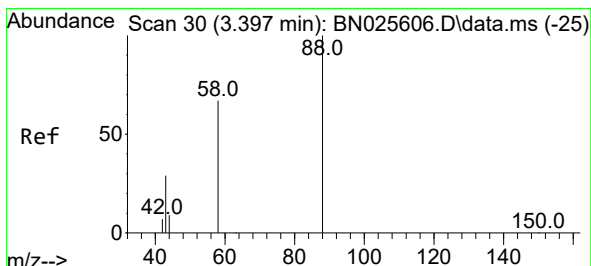
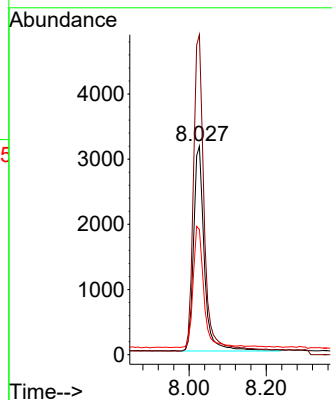
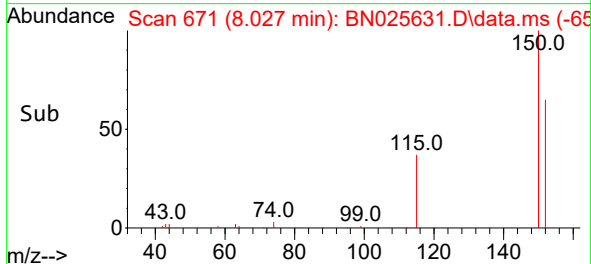


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.027 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025631.D
Acq: 27 May 2023 05:42

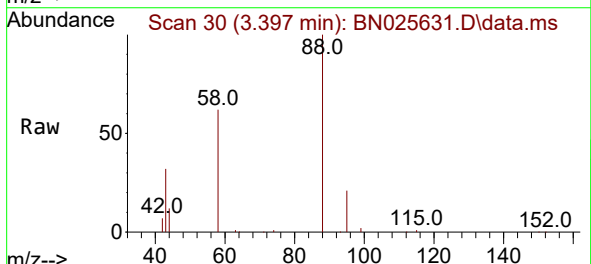
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BNA_N
ClientSampleId :
RE132D6-20230517



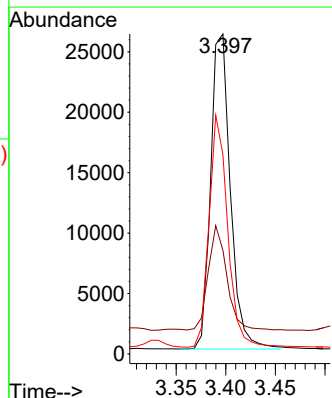
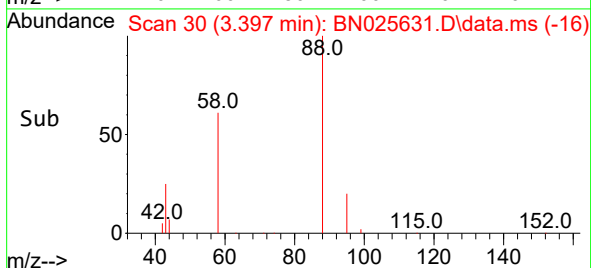
Tgt Ion:152 Resp: 6045
Ion Ratio Lower Upper
152 100
150 153.5 121.0 181.6
115 60.1 48.5 72.7

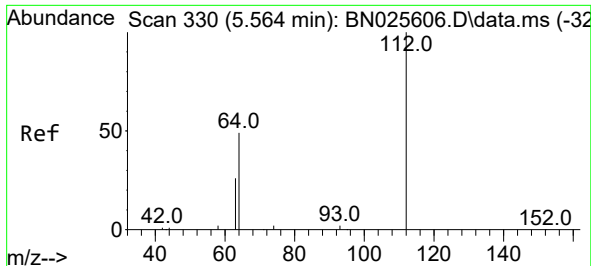


#2
1,4-Dioxane
Concen: 5.151 ng
RT: 3.397 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN025631.D
Acq: 27 May 2023 05:42



Tgt Ion: 88 Resp: 36057
Ion Ratio Lower Upper
88 100
43 30.7 26.5 39.7
58 69.3 56.8 85.2

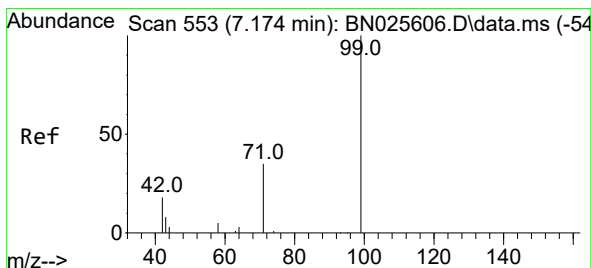
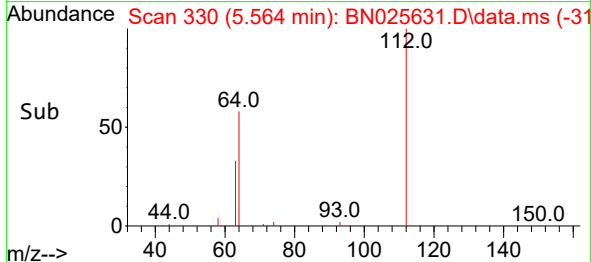
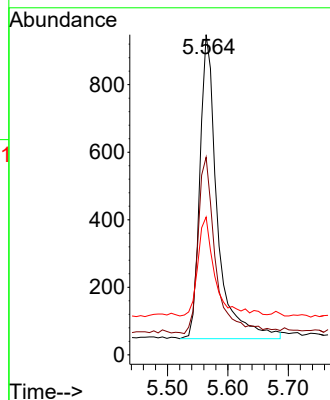
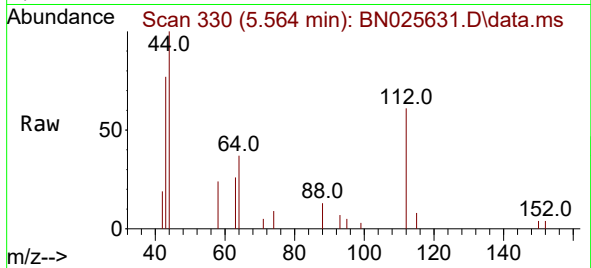




#4
2-Fluorophenol
Concen: 0.117 ng
RT: 5.564 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN025631.D
Acq: 27 May 2023 05:42

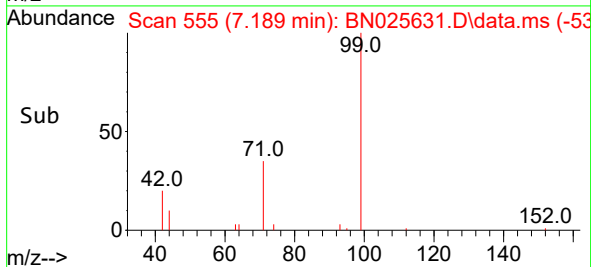
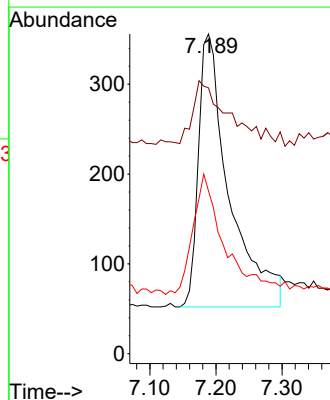
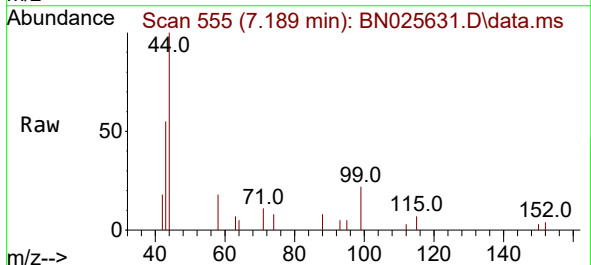
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ClientSampleId :
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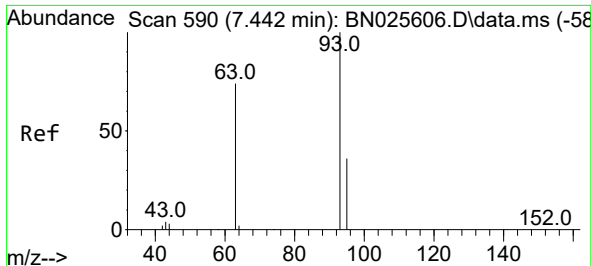
Tgt Ion:112 Resp: 1814
Ion Ratio Lower Upper
112 100
64 57.2 45.7 68.5
63 31.8 26.2 39.2



#5
Phenol-d6
Concen: 0.053 ng
RT: 7.189 min Scan# 555
Delta R.T. 0.014 min
Lab File: BN025631.D
Acq: 27 May 2023 05:42

Tgt Ion: 99 Resp: 988
Ion Ratio Lower Upper
99 100
42 25.6 17.1 25.7
71 45.0 29.3 43.9#

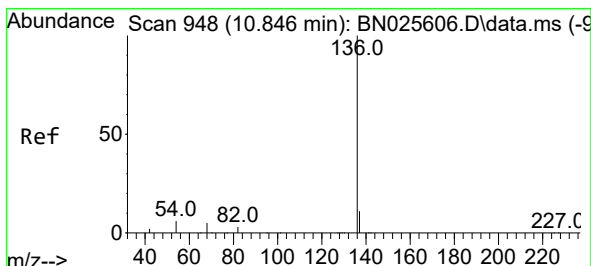
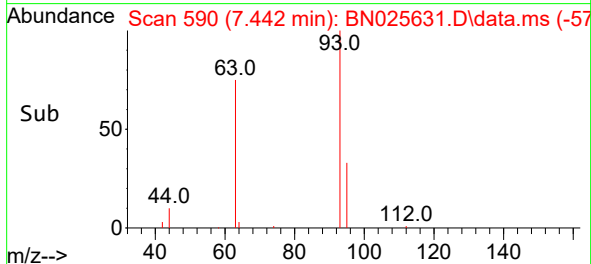
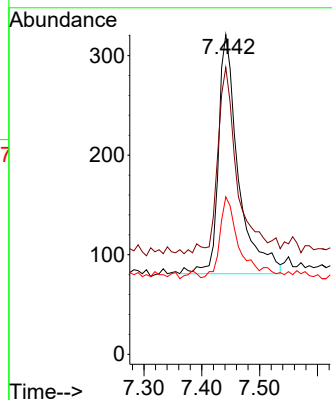
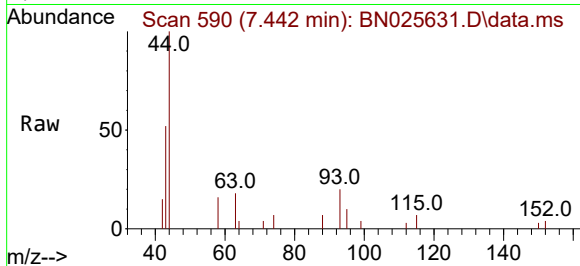




#6
bis(2-Chloroethyl)ether
Concen: 0.030 ng
RT: 7.442 min Scan# 590
Delta R.T. -0.000 min
Lab File: BN025631.D
Acq: 27 May 2023 05:42

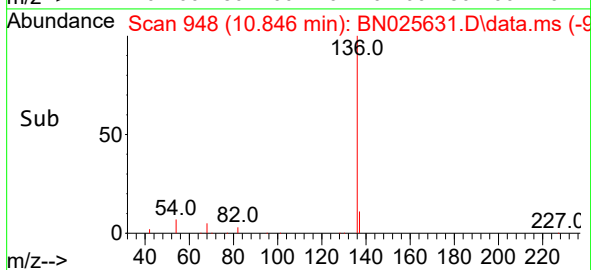
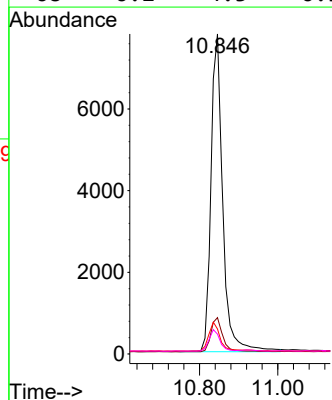
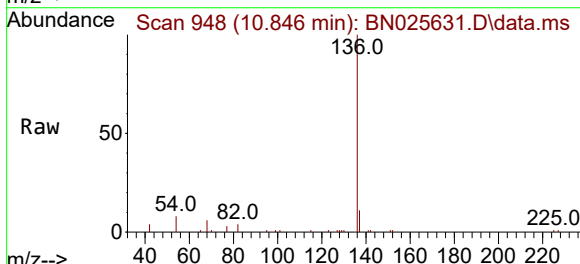
Instrument :
BNA_N
ClientSampleId :
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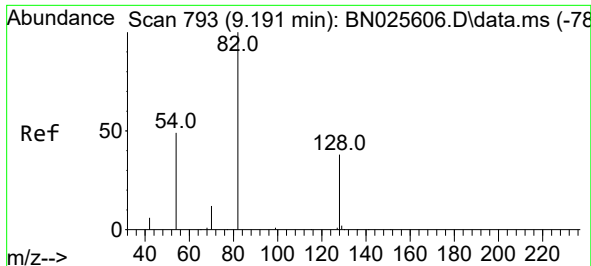
Tgt Ion: 93 Resp: 574
Ion Ratio Lower Upper
93 100
63 77.9 49.1 73.7#
95 34.8 22.6 33.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN025631.D
Acq: 27 May 2023 05:42

Tgt Ion:136 Resp: 16273
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.8 5.4 8.0
68 6.2 4.3 6.5

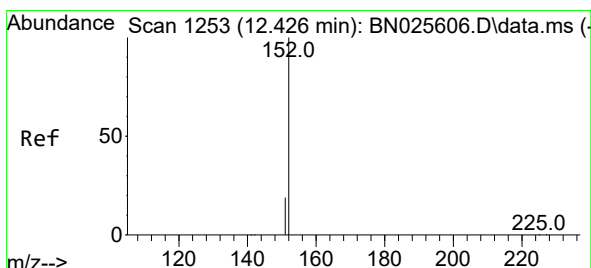
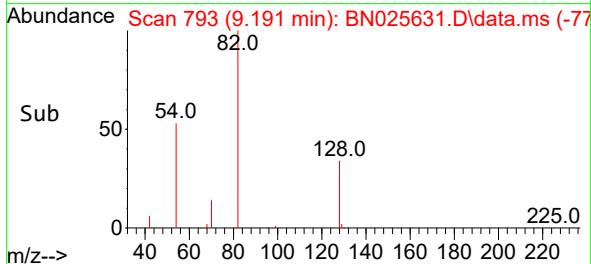
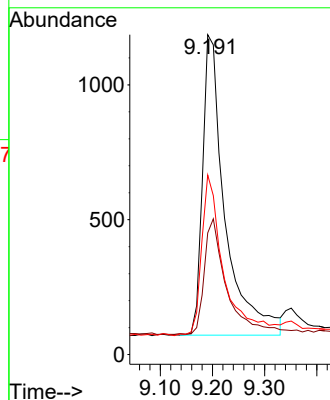
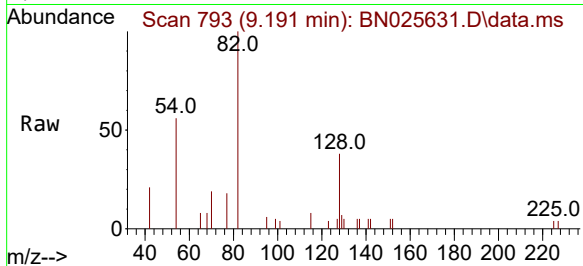




#8
Nitrobenzene-d5
Concen: 0.245 ng
RT: 9.191 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN025631.D
Acq: 27 May 2023 05:42

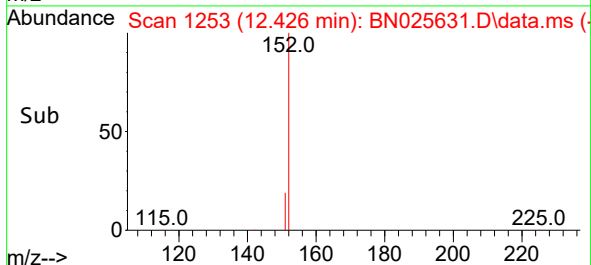
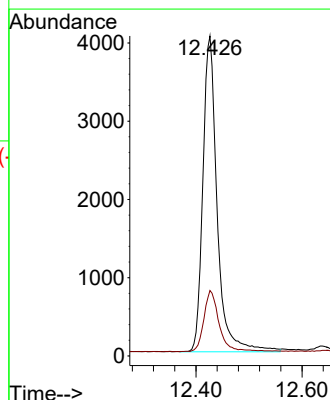
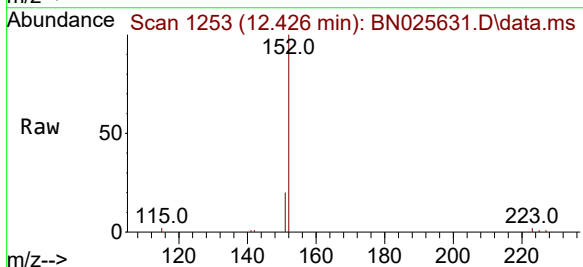
Instrument :
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ClientSampleId :
RE132D6-20230517

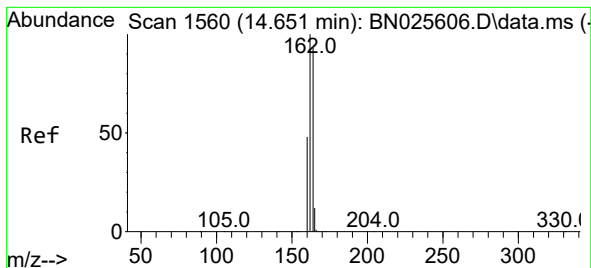
Tgt Ion: 82 Resp: 3332
Ion Ratio Lower Upper
82 100
128 38.0 32.5 48.7
54 56.2 40.6 60.8



#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 12.426 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BN025631.D
Acq: 27 May 2023 05:42

Tgt Ion: 152 Resp: 7579
Ion Ratio Lower Upper
152 100
151 20.8 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: BN025631.D

Acq: 27 May 2023 05:42

Instrument :

BNA_N

ClientSampleId :

RE132D6-20230517

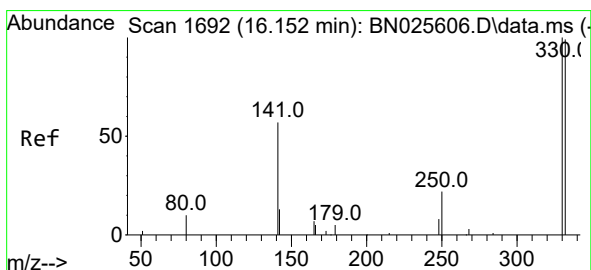
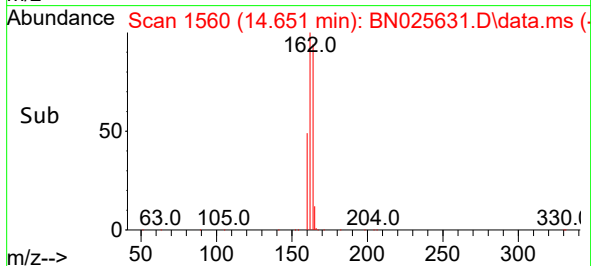
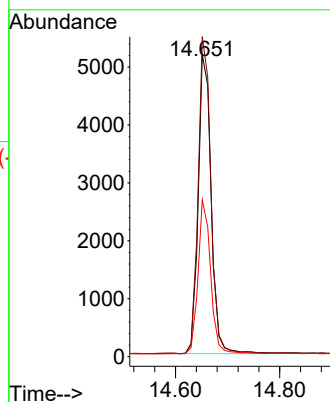
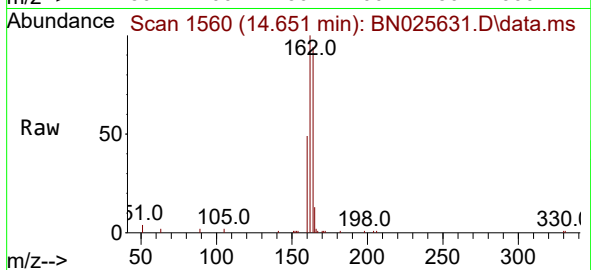
Tgt Ion:164 Resp: 8901

Ion Ratio Lower Upper

164 100

162 106.0 86.4 129.6

160 51.9 41.9 62.9



#14

2,4,6-Tribromophenol

Concen: 0.318 ng

RT: 16.152 min Scan# 1692

Delta R.T. -0.000 min

Lab File: BN025631.D

Acq: 27 May 2023 05:42

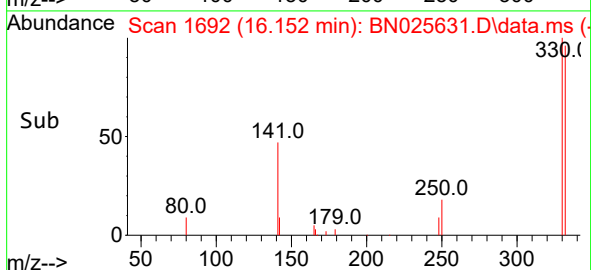
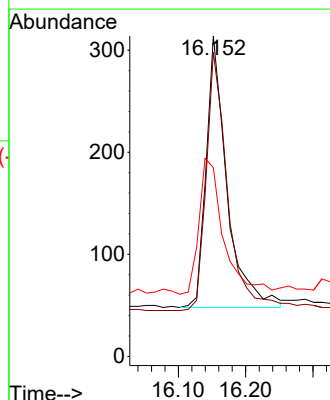
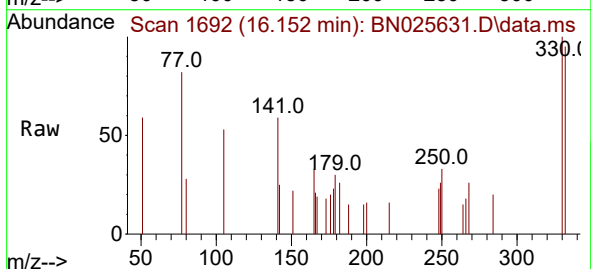
Tgt Ion:330 Resp: 572

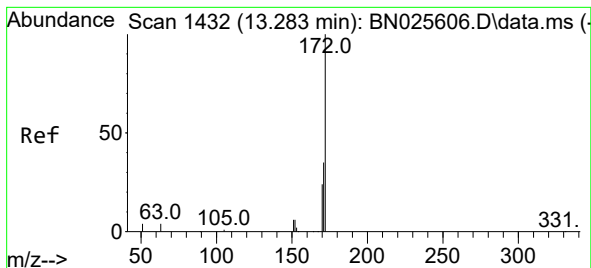
Ion Ratio Lower Upper

330 100

332 97.6 80.0 120.0

141 58.4 45.8 68.6

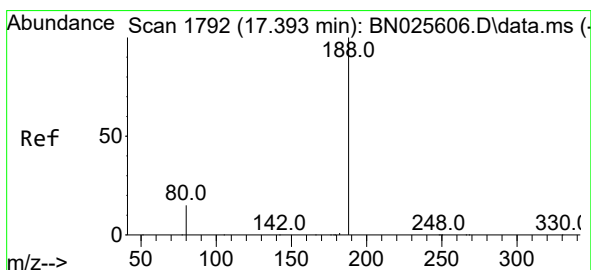
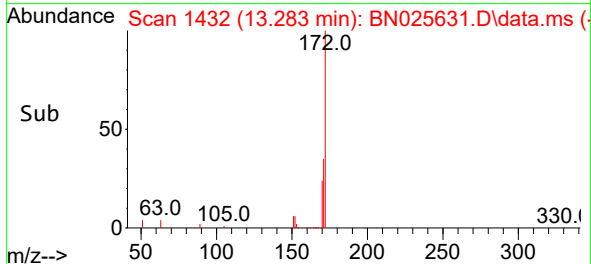
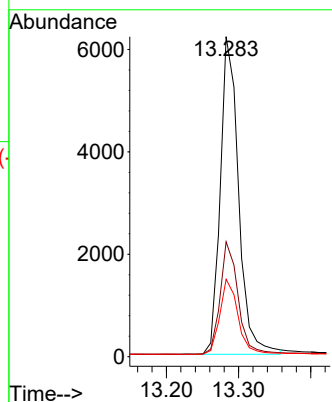
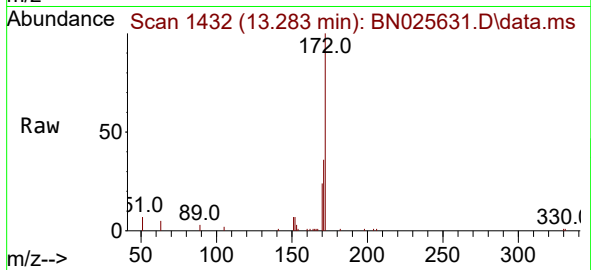




#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025631.D
Acq: 27 May 2023 05:42

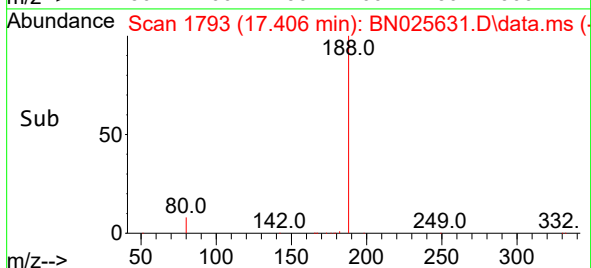
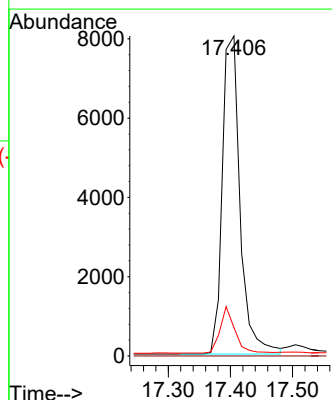
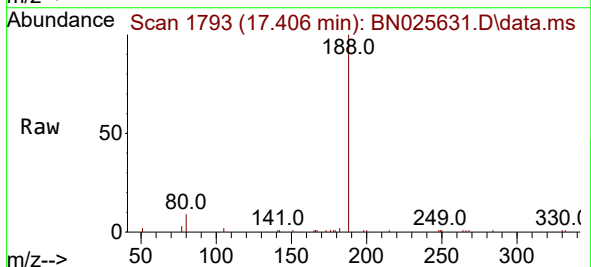
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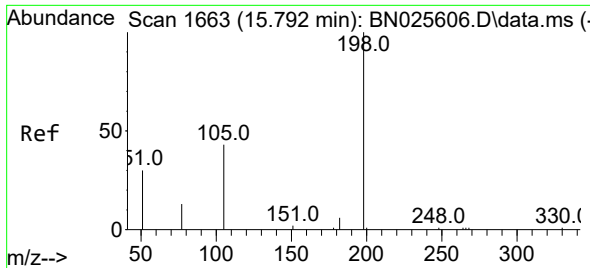
Tgt Ion:172 Resp: 10902
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 24.2 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.406 min Scan# 1793
Delta R.T. 0.012 min
Lab File: BN025631.D
Acq: 27 May 2023 05:42

Tgt Ion:188 Resp: 15919
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 12.2 18.2#

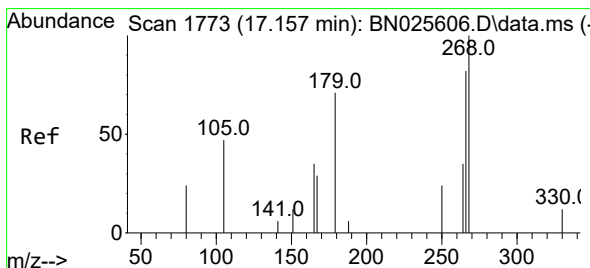
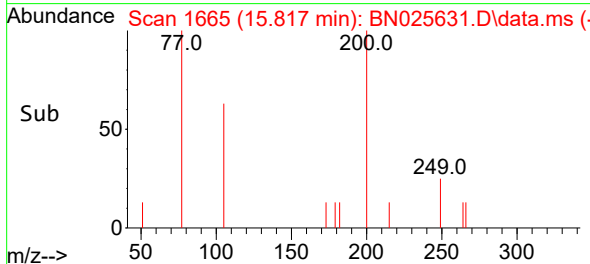
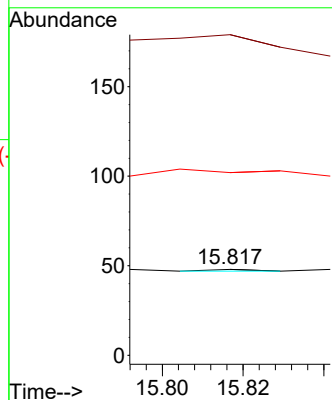
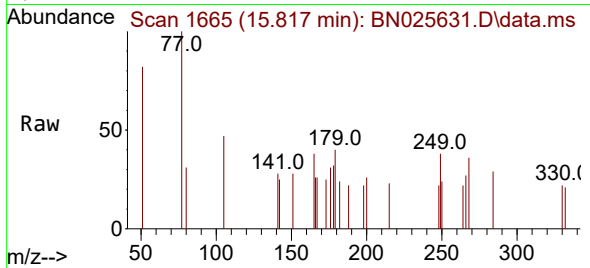




#20
4,6-Dinitro-2-methylphenol
Concen: 0.114 ng
RT: 15.817 min Scan# 1665
Delta R.T. 0.025 min
Lab File: BN025631.D
Acq: 27 May 2023 05:42

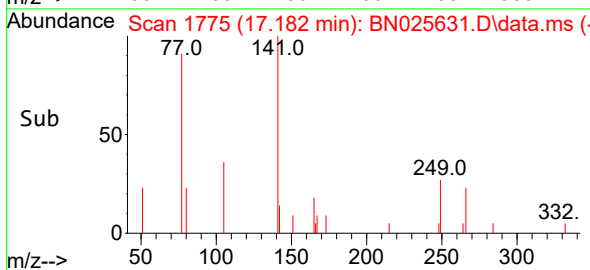
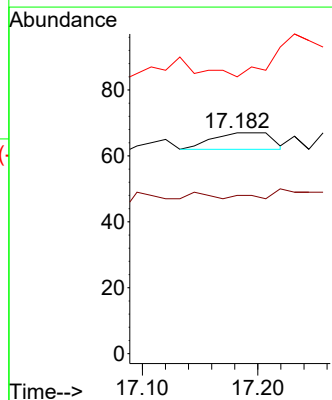
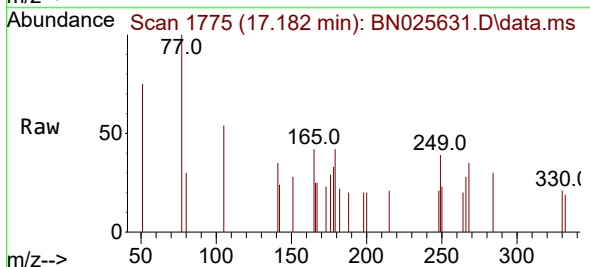
Instrument :
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ClientSampleId :
RE132D6-20230517

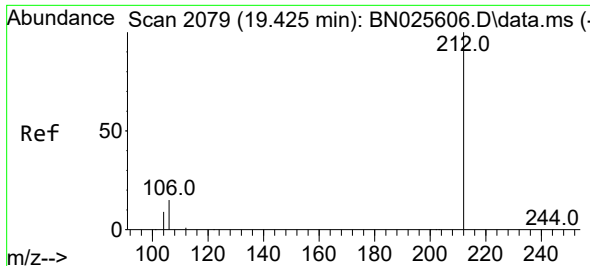
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 372.9 110.8 166.2#
105 212.5 61.9 92.9#



#24
Pentachlorophenol
Concen: 0.383 ng
RT: 17.182 min Scan# 1775
Delta R.T. 0.025 min
Lab File: BN025631.D
Acq: 27 May 2023 05:42

Tgt Ion:266 Resp: 18
Ion Ratio Lower Upper
266 100
264 0.0 60.0 90.0#
268 0.0 0.0 0.0

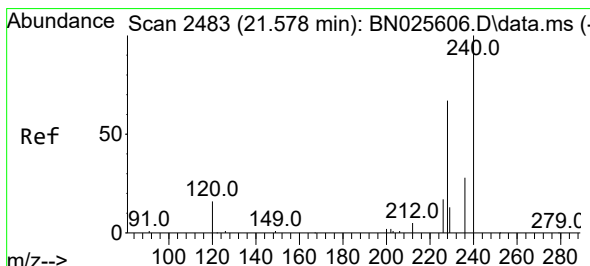
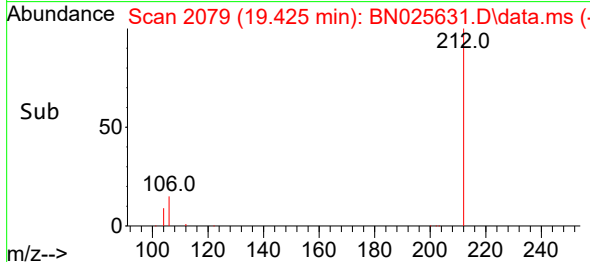
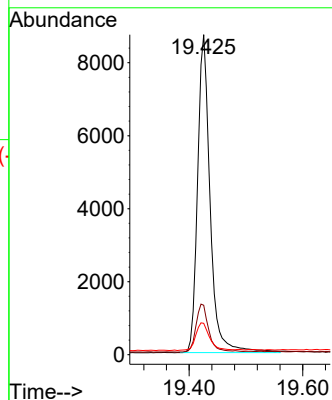
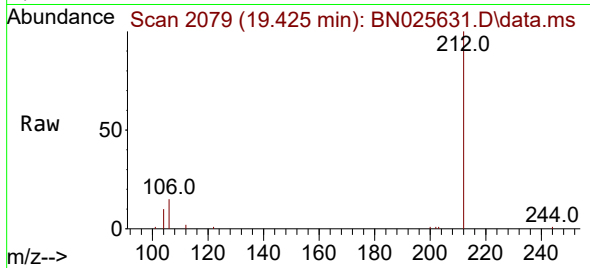




#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.425 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BN025631.D
Acq: 27 May 2023 05:42

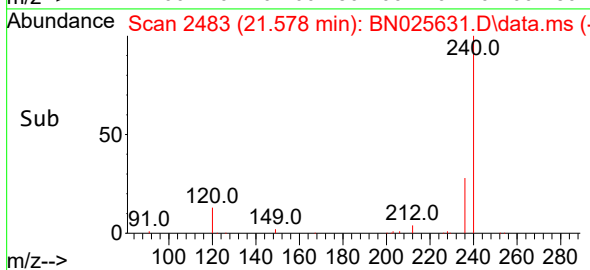
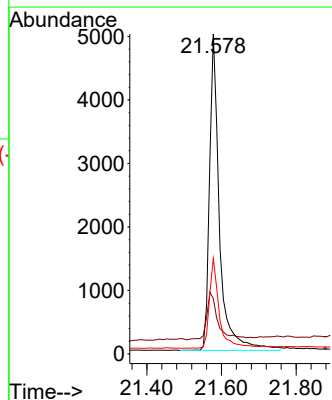
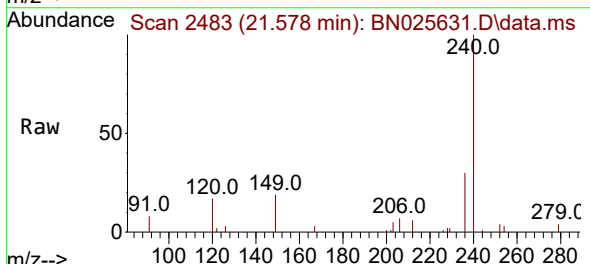
Instrument :
BNA_N
ClientSampleId :
RE132D6-20230517

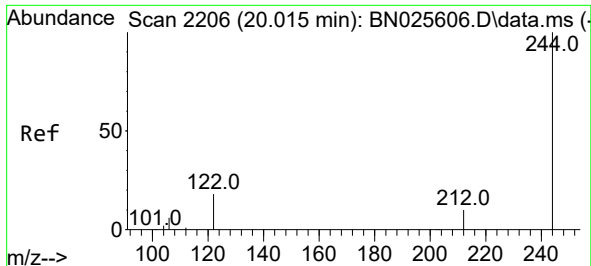
Tgt Ion:212 Resp: 13337
Ion Ratio Lower Upper
212 100
106 15.3 12.3 18.5
104 9.5 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN025631.D
Acq: 27 May 2023 05:42

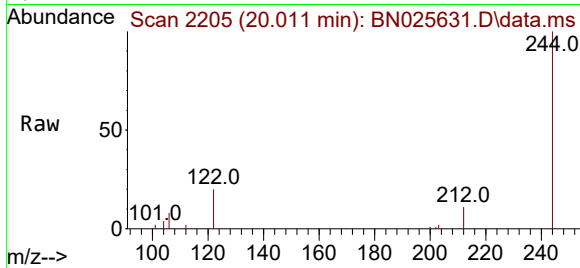
Tgt Ion:240 Resp: 9260
Ion Ratio Lower Upper
240 100
120 17.3 15.4 23.0
236 29.9 23.2 34.8



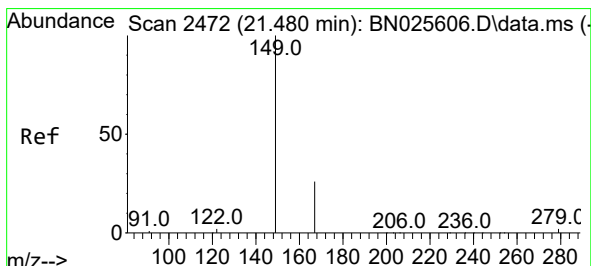
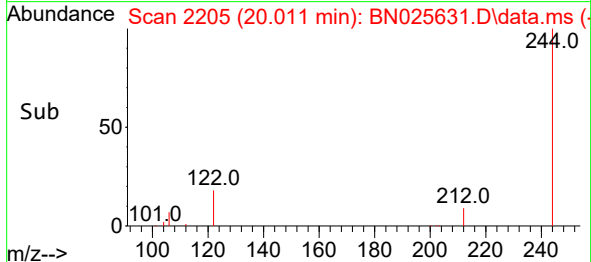
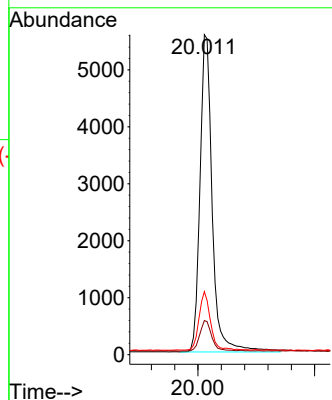


#31
 Terphenyl-d14
 Concen: 0.401 ng
 RT: 20.011 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN025631.D
 Acq: 27 May 2023 05:42

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20230517

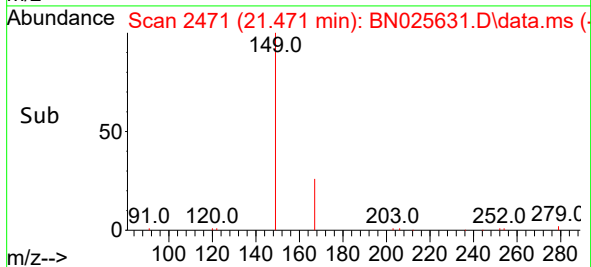
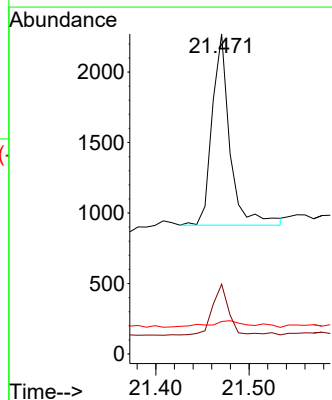
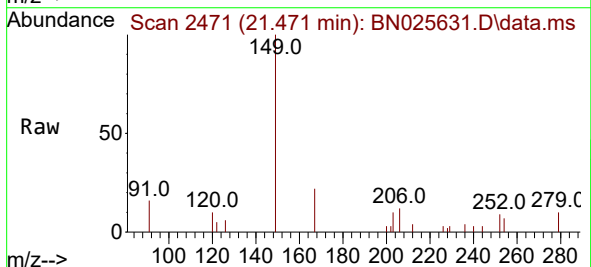


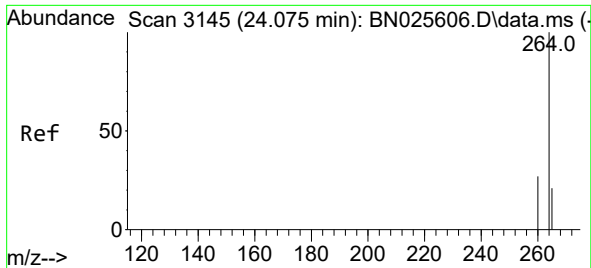
Tgt Ion:244 Resp: 8136
 Ion Ratio Lower Upper
 244 100
 212 10.7 8.5 12.7
 122 19.7 14.9 22.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.085 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.009 min
 Lab File: BN025631.D
 Acq: 27 May 2023 05:42

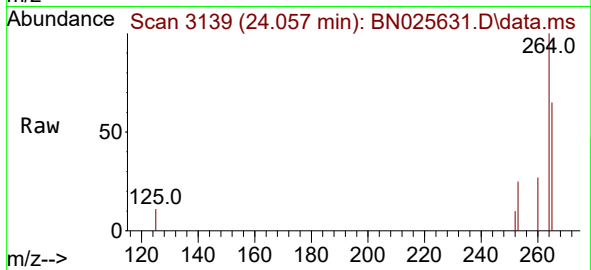
Tgt Ion:149 Resp: 1790
 Ion Ratio Lower Upper
 149 100
 167 24.2 20.4 30.6
 279 6.4 3.3 4.9#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.057 min Scan# 31
Delta R.T. -0.018 min
Lab File: BN025631.D
Acq: 27 May 2023 05:42

Instrument :
BNA_N
ClientSampleId :
RE132D6-20230517



Tgt Ion:264 Resp: 9095

Ion	Ratio	Lower	Upper
264	100		
260	27.3	22.3	33.5
265	65.4	54.3	81.5

