

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025665.D
 Acq On : 28 May 2023 04:20
 Operator : CG/JU
 Sample : 02911-11
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20230522

Quant Time: May 29 01:13:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

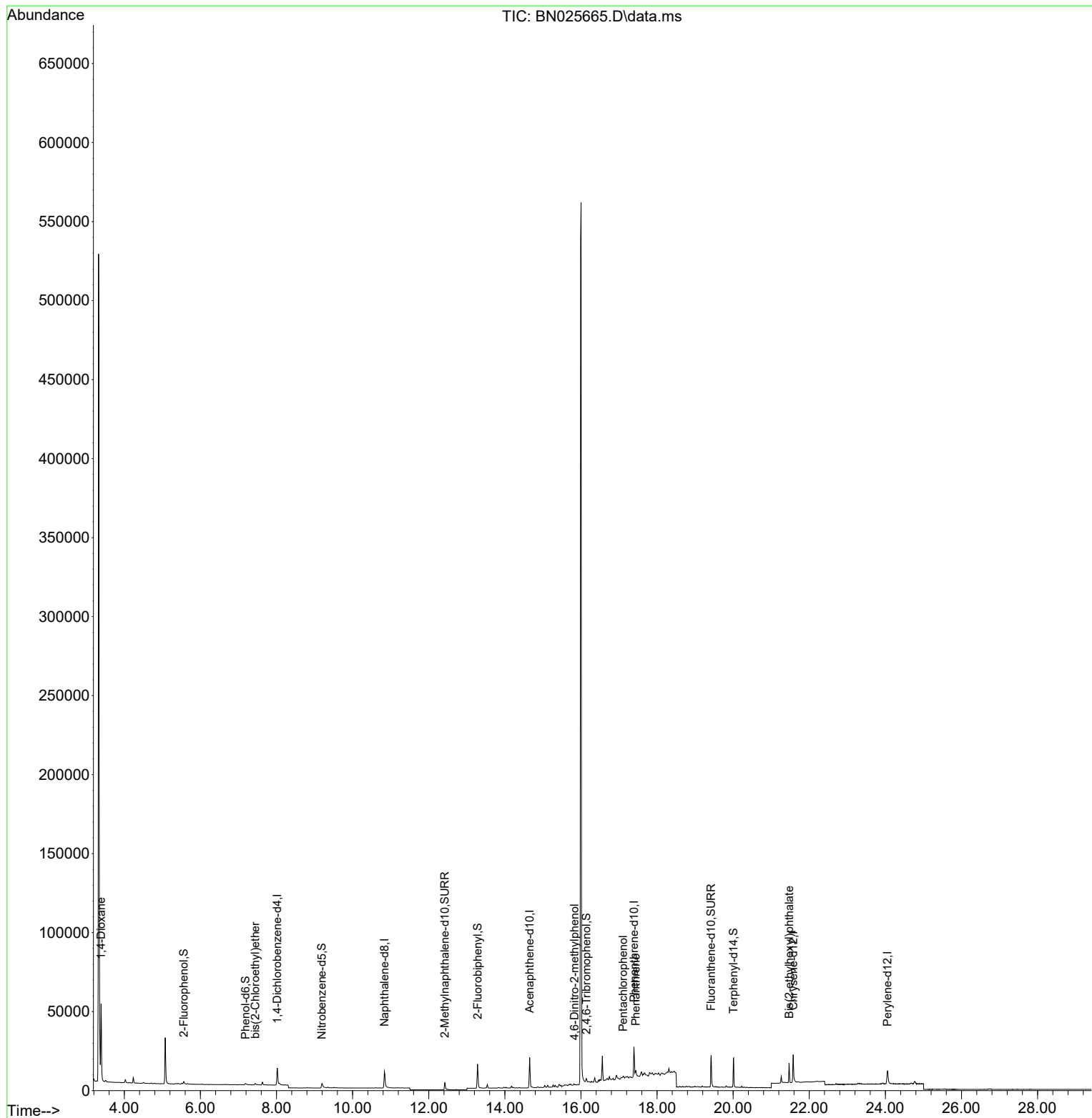
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	6202	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	17512	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	10863	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	25327	0.400	ng	0.00
29) Chrysene-d12	21.578	240	18068	0.400	ng	# 0.00
35) Perylene-d12	24.054	264	14822	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1828	0.115	ng	0.00
5) Phenol-d6	7.182	99	1166	0.061	ng	0.00
8) Nitrobenzene-d5	9.191	82	3937	0.269	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	7864	0.315	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	1038	0.473	ng	-0.01
15) 2-Fluorobiphenyl	13.283	172	14542	0.324	ng	0.00
27) Fluoranthene-d10	19.421	212	22645	0.395	ng	0.00
31) Terphenyl-d14	20.011	244	17483	0.442	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	28801	4.010	ng	98
6) bis(2-Chloroethyl)ether	7.442	93	1052	0.054	ng	87
20) 4,6-Dinitro-2-methylph...	15.829	198	20	0.119	ng	# 1
24) Pentachlorophenol	17.108	266	22	0.379	ng	# 12
25) Phenanthrene	17.443	178	5056	0.066	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.471	149	10806	0.264	ng	# 96

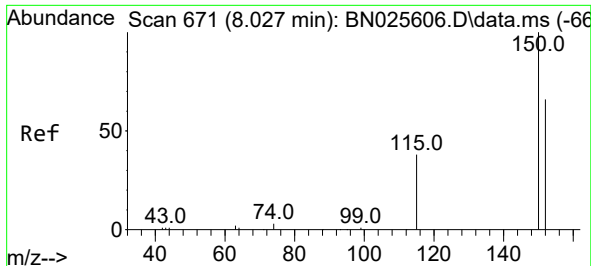
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE114D1-20230522

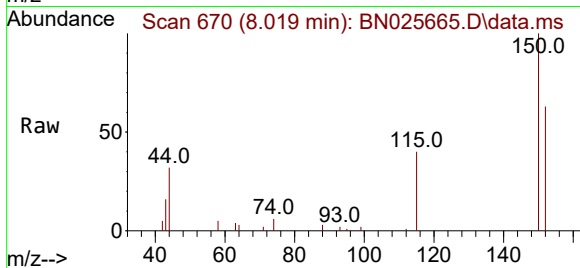
Quant Time: May 29 01:13:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
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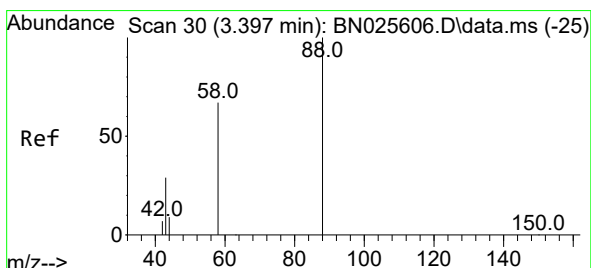
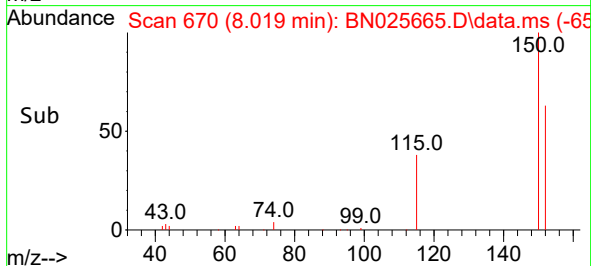
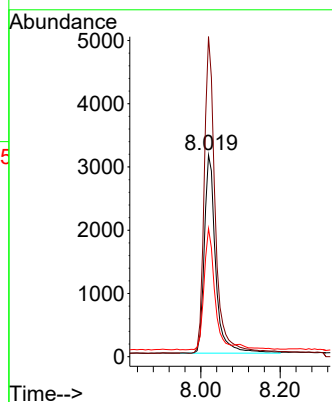


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025665.D
Acq: 28 May 2023 04:20

Instrument :
BNA_N
ClientSampleId :
RE114D1-20230522

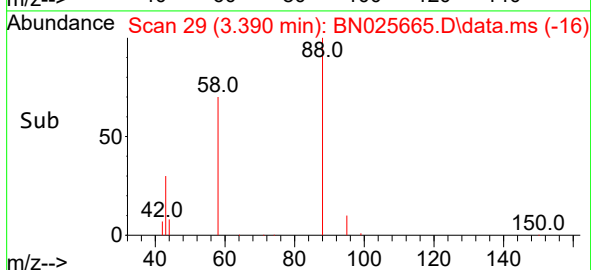
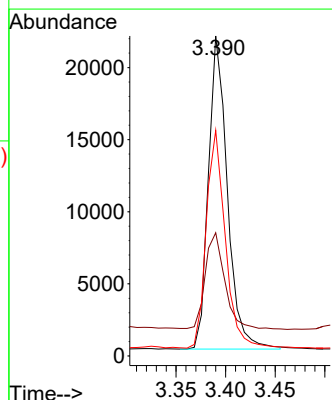
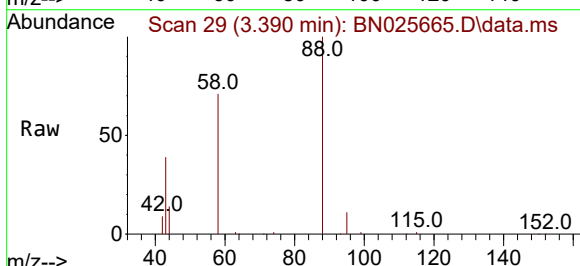


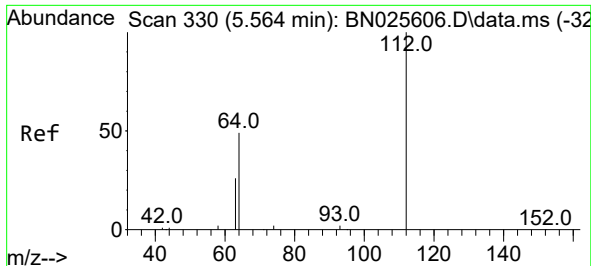
Tgt Ion:152 Resp: 6202
Ion Ratio Lower Upper
152 100
150 158.7 121.0 181.6
115 63.6 48.5 72.7



#2
1,4-Dioxane
Concen: 4.010 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025665.D
Acq: 28 May 2023 04:20

Tgt Ion: 88 Resp: 28801
Ion Ratio Lower Upper
88 100
43 31.5 26.5 39.7
58 69.4 56.8 85.2

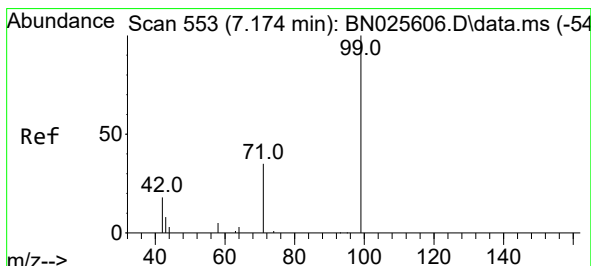
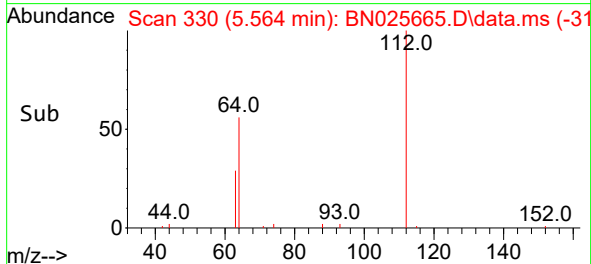
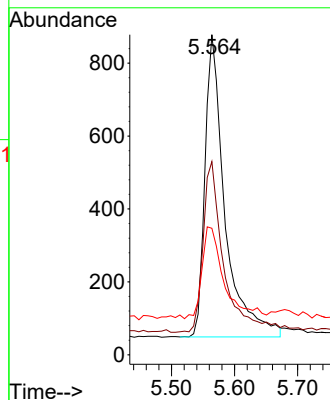
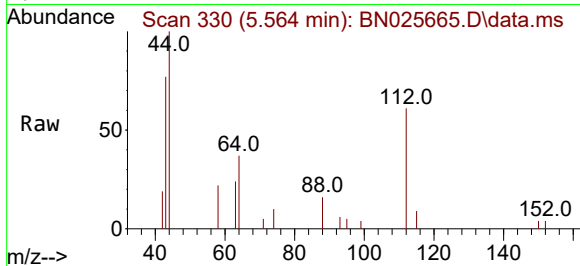




#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025665.D
Acq: 28 May 2023 04:20

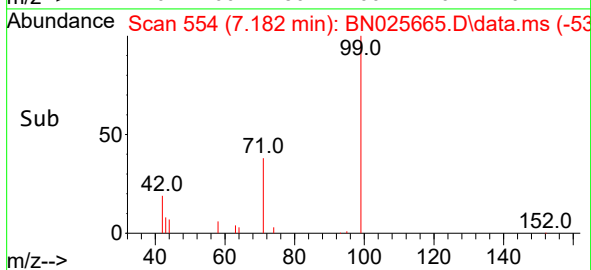
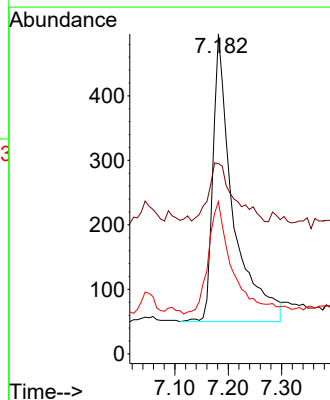
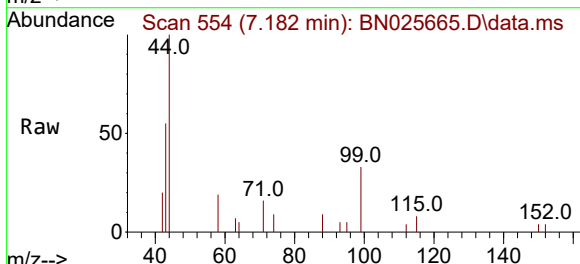
Instrument :
BNA_N
ClientSampleId :
RE114D1-20230522

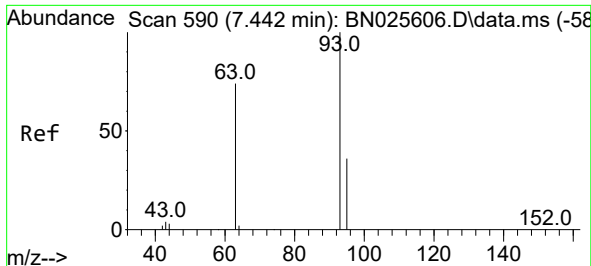
Tgt Ion:	112	Resp:	1828
Ion	Ratio	Lower	Upper
112	100		
64	58.0	45.7	68.5
63	33.4	26.2	39.2



#5
Phenol-d6
Concen: 0.061 ng
RT: 7.182 min Scan# 554
Delta R.T. 0.007 min
Lab File: BN025665.D
Acq: 28 May 2023 04:20

Tgt Ion:	99	Resp:	1166
Ion	Ratio	Lower	Upper
99	100		
42	25.0	17.1	25.7
71	46.1	29.3	43.9

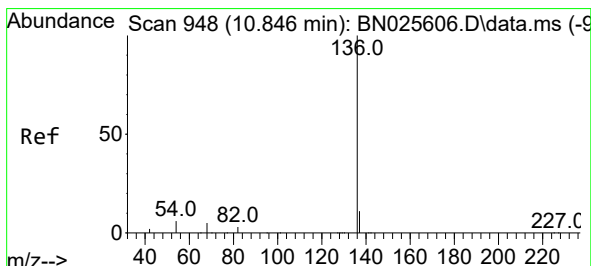
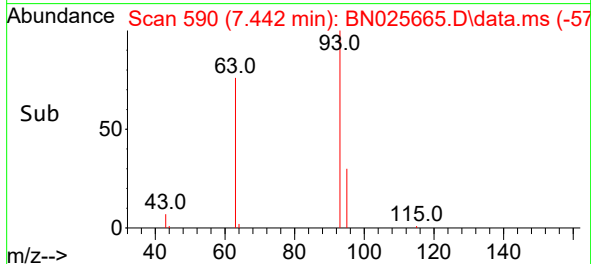
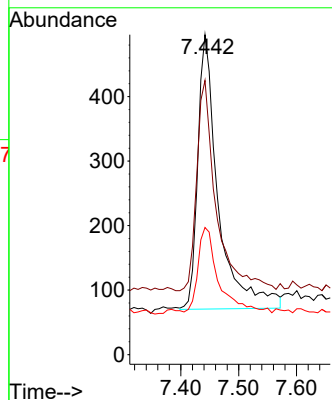
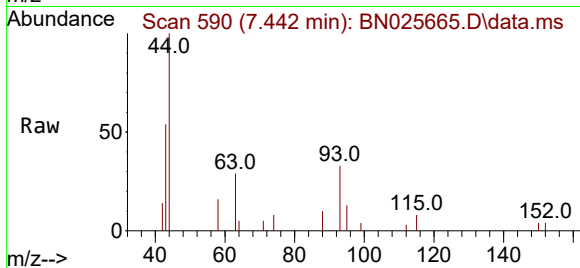




#6
bis(2-Chloroethyl)ether
Concen: 0.054 ng
RT: 7.442 min Scan# 590
Delta R.T. 0.007 min
Lab File: BN025665.D
Acq: 28 May 2023 04:20

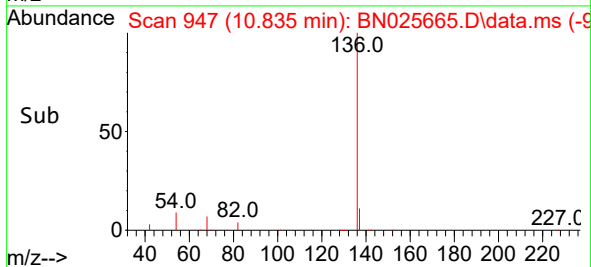
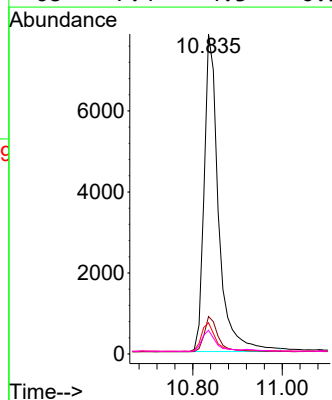
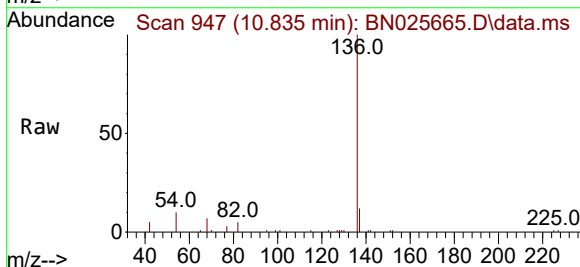
Instrument :
BNA_N
ClientSampleId :
RE114D1-20230522

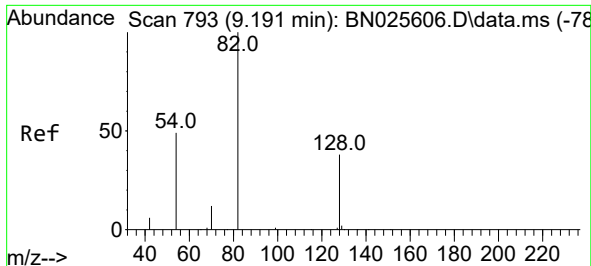
Tgt Ion: 93 Resp: 1052
Ion Ratio Lower Upper
93 100
63 72.9 49.1 73.7
95 31.9 22.6 33.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN025665.D
Acq: 28 May 2023 04:20

Tgt Ion: 136 Resp: 17512
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 9.8 5.4 8.0#
68 7.4 4.3 6.5#

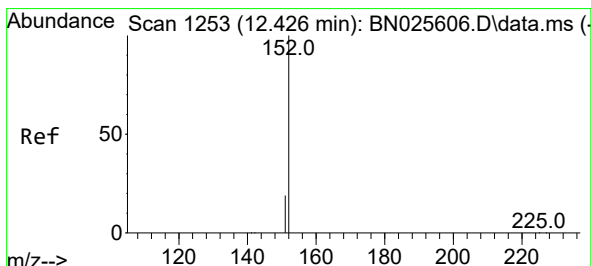
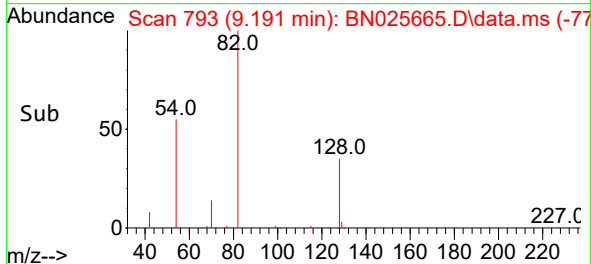
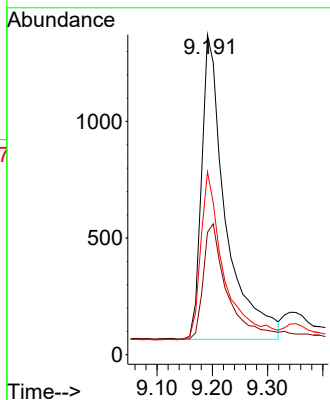
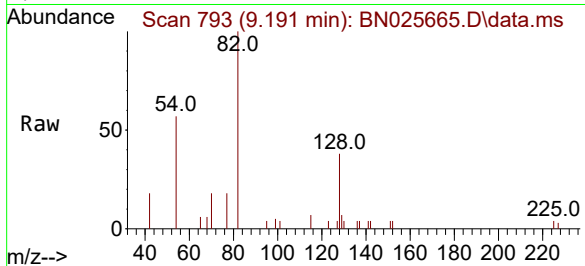




#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 9.191 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN025665.D
Acq: 28 May 2023 04:20

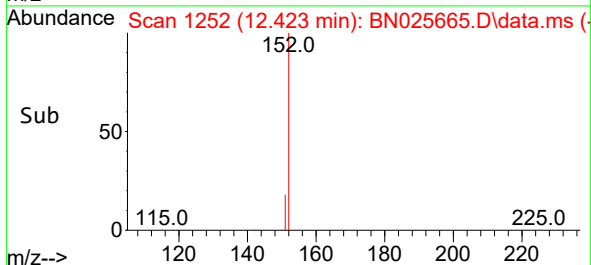
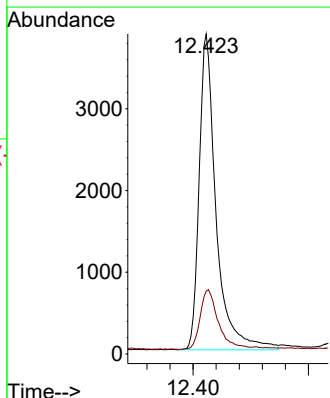
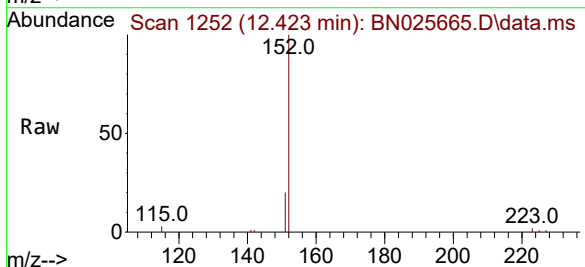
Instrument :
BNA_N
ClientSampleId :
RE114D1-20230522

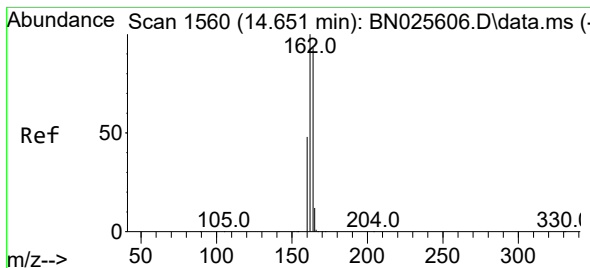
Tgt Ion: 82 Resp: 3937
Ion Ratio Lower Upper
82 100
128 38.3 32.5 48.7
54 57.1 40.6 60.8



#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 12.423 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BN025665.D
Acq: 28 May 2023 04:20

Tgt Ion: 152 Resp: 7864
Ion Ratio Lower Upper
152 100
151 20.3 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: BN025665.D

Acq: 28 May 2023 04:20

Instrument :

BNA_N

ClientSampleId :

RE114D1-20230522

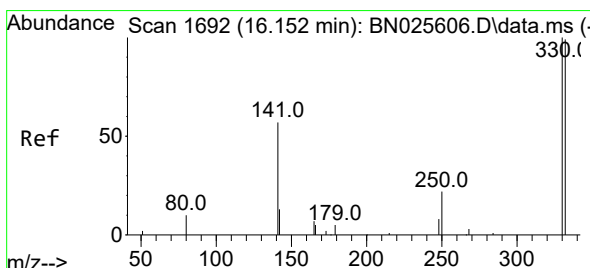
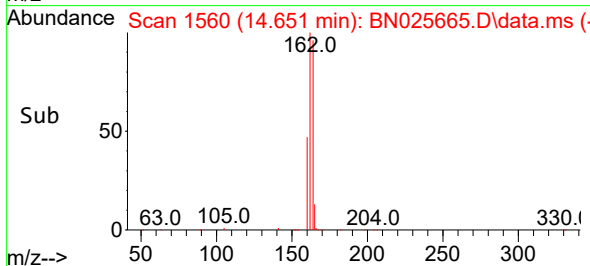
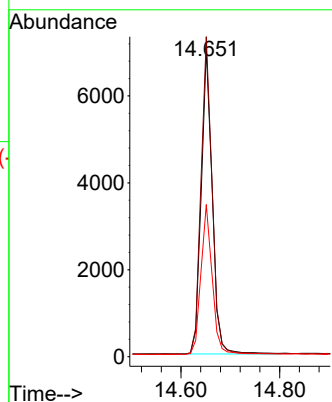
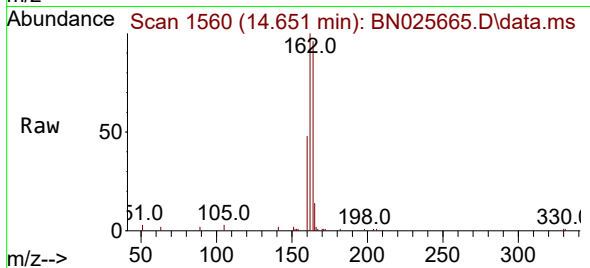
Tgt Ion:164 Resp: 10863

Ion Ratio Lower Upper

164 100

162 104.0 86.4 129.6

160 49.4 41.9 62.9



#14

2,4,6-Tribromophenol

Concen: 0.473 ng

RT: 16.140 min Scan# 1691

Delta R.T. -0.012 min

Lab File: BN025665.D

Acq: 28 May 2023 04:20

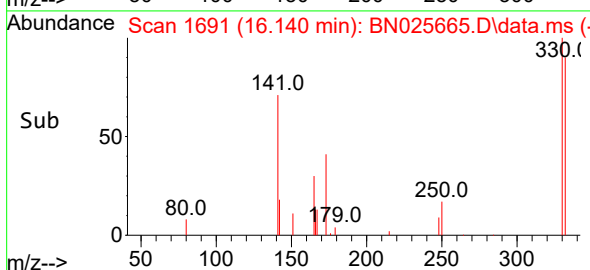
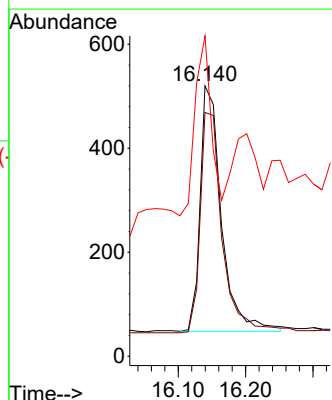
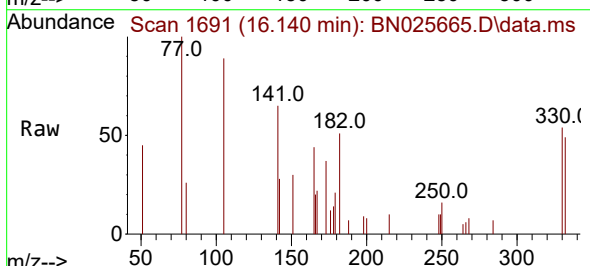
Tgt Ion:330 Resp: 1038

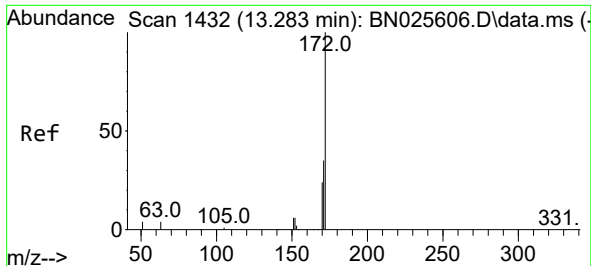
Ion Ratio Lower Upper

330 100

332 92.9 80.0 120.0

141 56.1 45.8 68.6

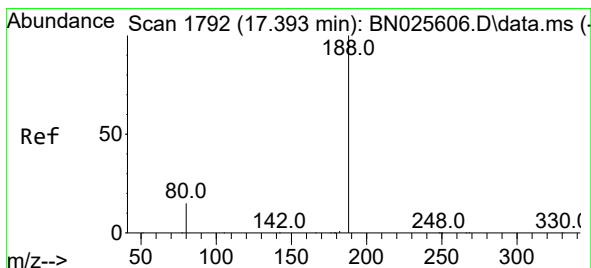
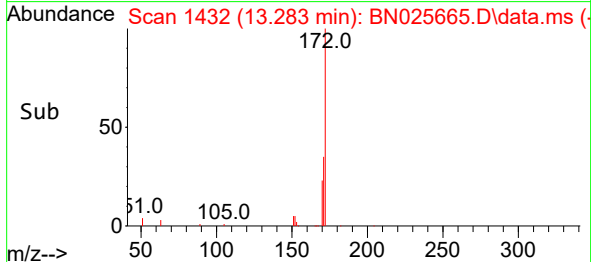
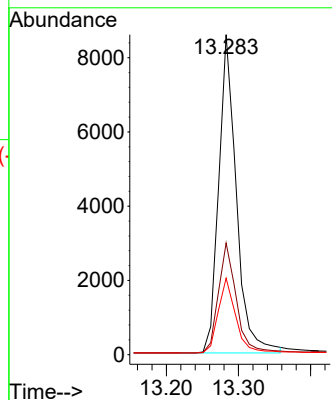
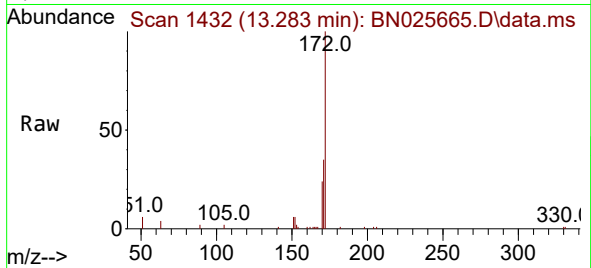




#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025665.D
Acq: 28 May 2023 04:20

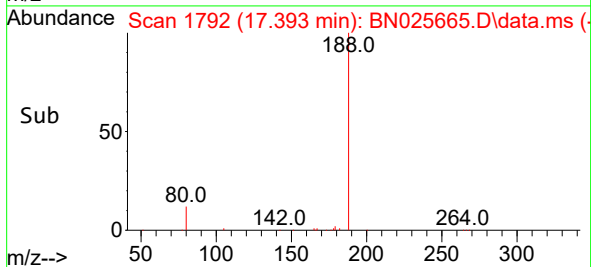
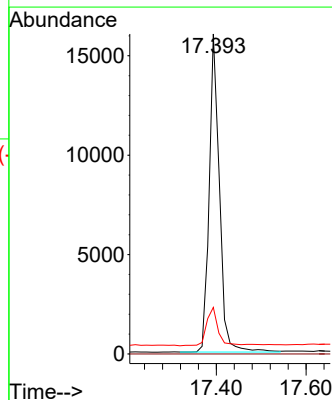
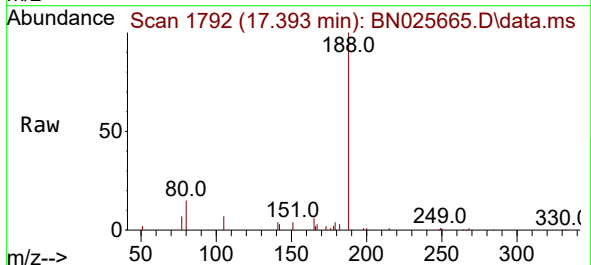
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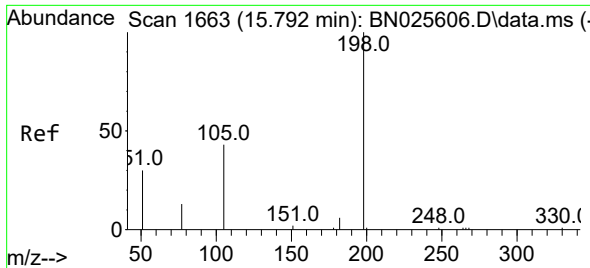
Tgt Ion:	172	Resp:	14542
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.6	42.8
170	23.9	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN025665.D
Acq: 28 May 2023 04:20

Tgt Ion:	188	Resp:	25327
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.5	12.2	18.2

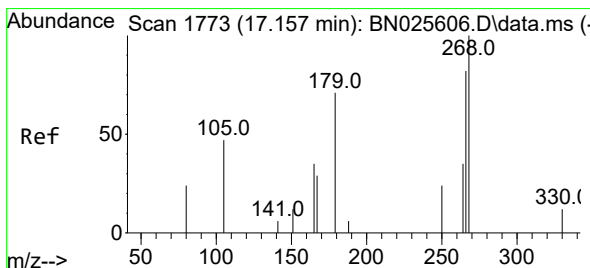
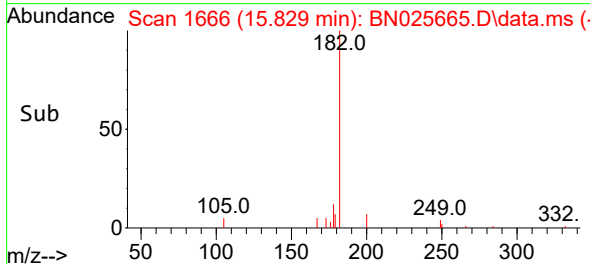
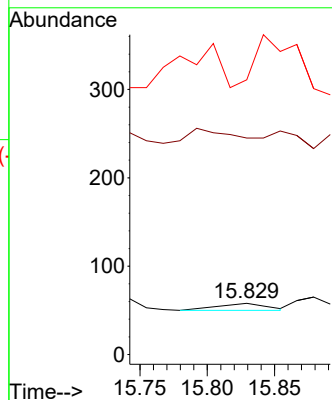
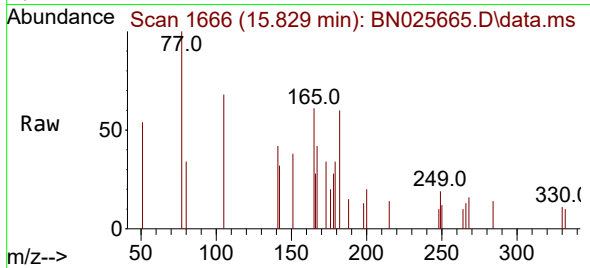




#20
4,6-Dinitro-2-methylphenol
Concen: 0.119 ng
RT: 15.829 min Scan# 1769
Delta R.T. 0.037 min
Lab File: BN025665.D
Acq: 28 May 2023 04:20

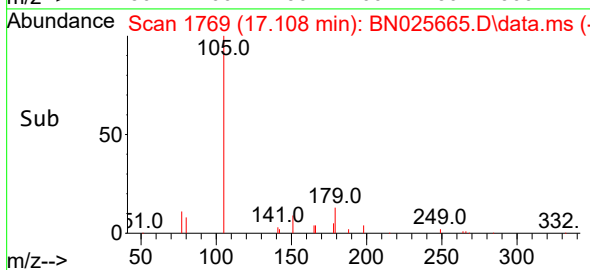
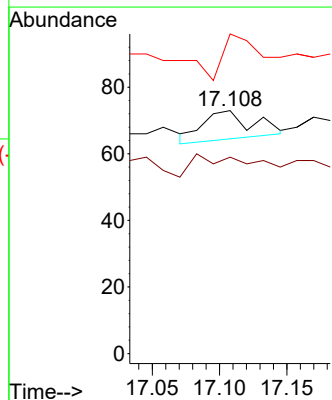
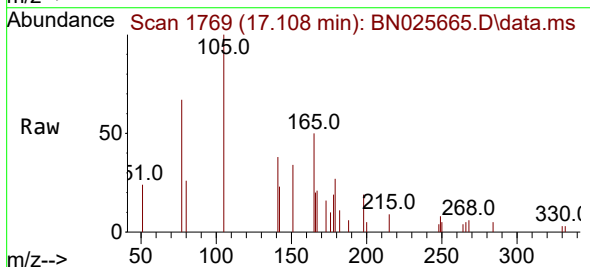
Instrument :
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RE114D1-20230522

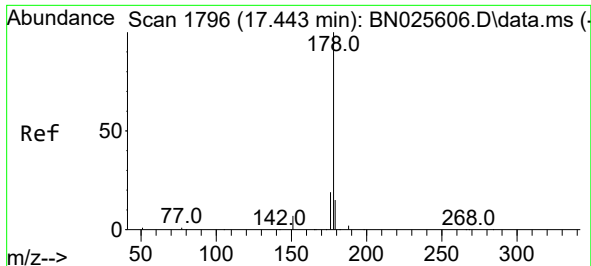
Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
51 422.4 110.8 166.2#
105 536.2 61.9 92.9#



#24
Pentachlorophenol
Concen: 0.379 ng
RT: 17.108 min Scan# 1769
Delta R.T. 0.037 min
Lab File: BN025665.D
Acq: 28 May 2023 04:20

Tgt Ion:266 Resp: 22
Ion Ratio Lower Upper
266 100
264 0.0 60.0 90.0#
268 136.4 0.0 0.0#

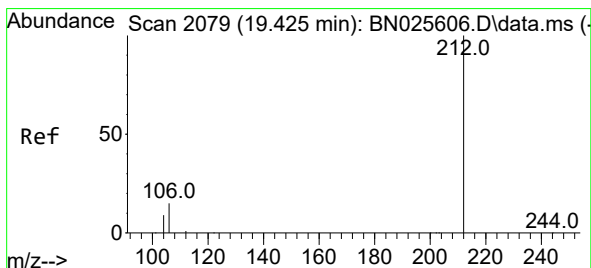
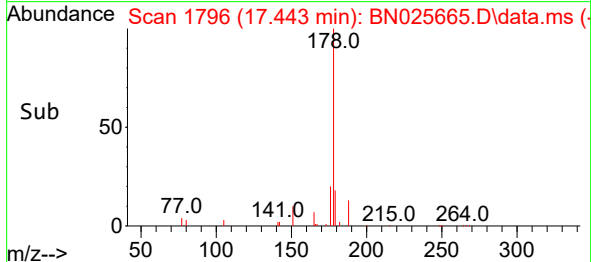
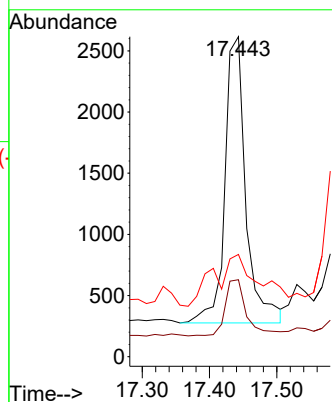
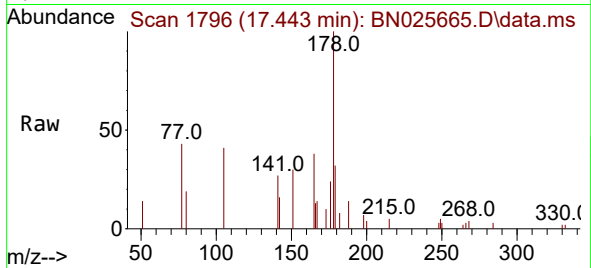




#25
Phenanthrene
Concen: 0.066 ng
RT: 17.443 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN025665.D
Acq: 28 May 2023 04:20

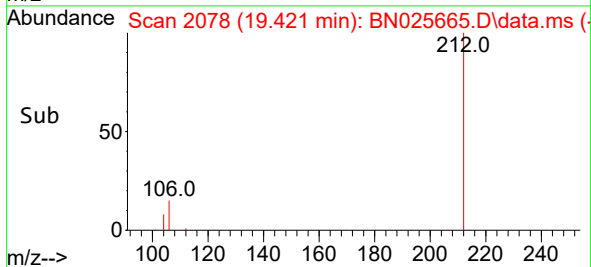
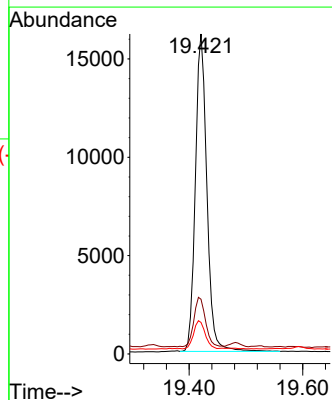
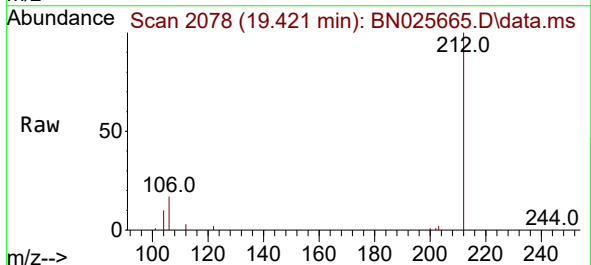
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ClientSampleId :
RE114D1-20230522

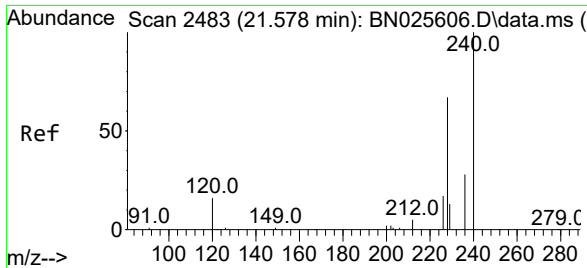
Tgt Ion:178 Resp: 5056
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 41.9 12.6 19.0#



#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.421 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BN025665.D
Acq: 28 May 2023 04:20

Tgt Ion:212 Resp: 22645
Ion Ratio Lower Upper
212 100
106 15.8 12.3 18.5
104 8.9 7.2 10.8

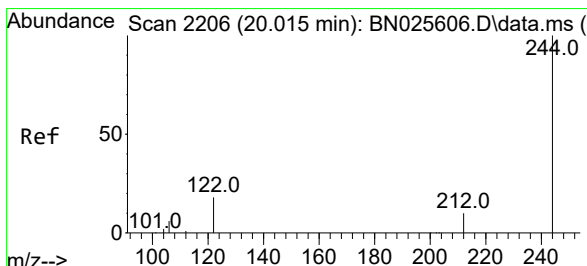
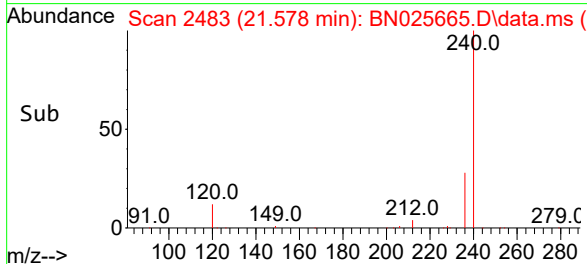
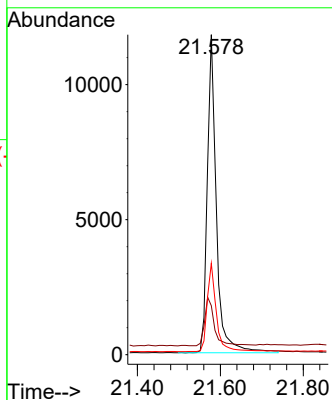
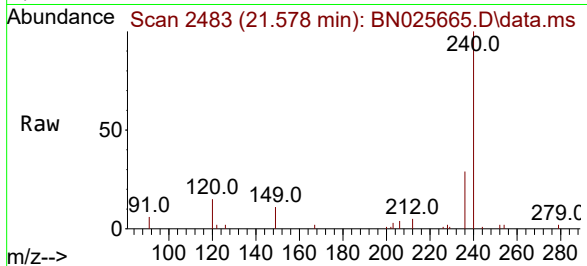




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN025665.D
Acq: 28 May 2023 04:20

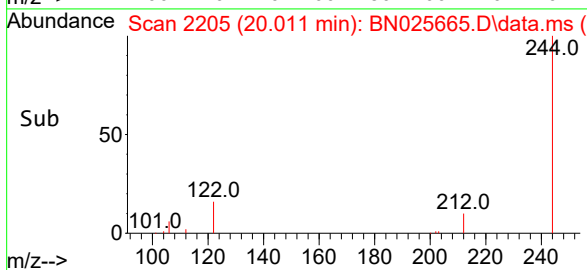
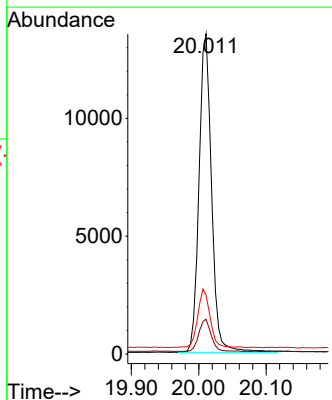
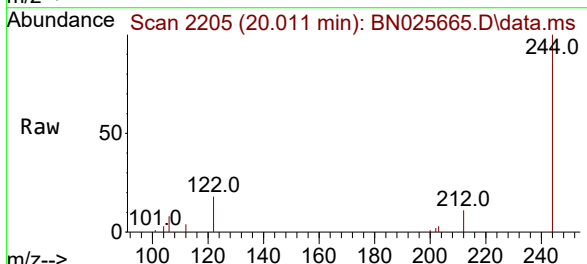
Instrument :
BNA_N
ClientSampleId :
RE114D1-20230522

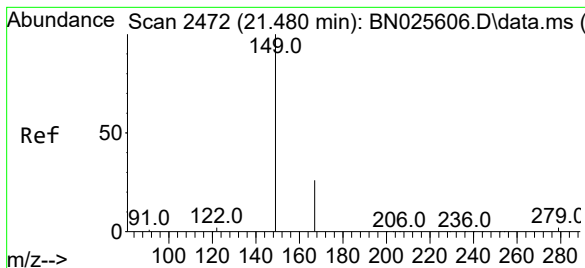
Tgt Ion:240 Resp: 18068
Ion Ratio Lower Upper
240 100
120 15.3 15.4 23.0#
236 28.6 23.2 34.8



#31
Terphenyl-d14
Concen: 0.442 ng
RT: 20.011 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BN025665.D
Acq: 28 May 2023 04:20

Tgt Ion:244 Resp: 17483
Ion Ratio Lower Upper
244 100
212 10.9 8.5 12.7
122 18.5 14.9 22.3

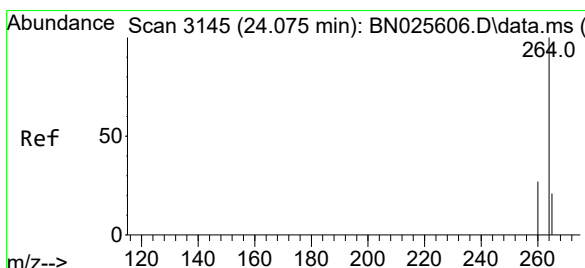
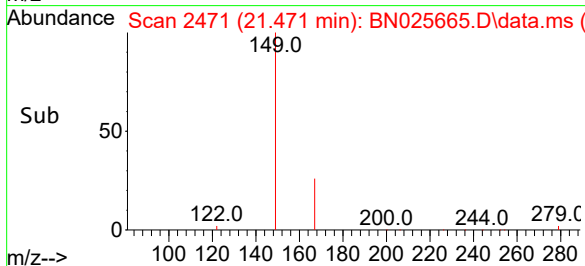
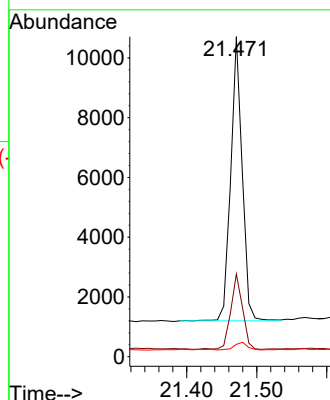
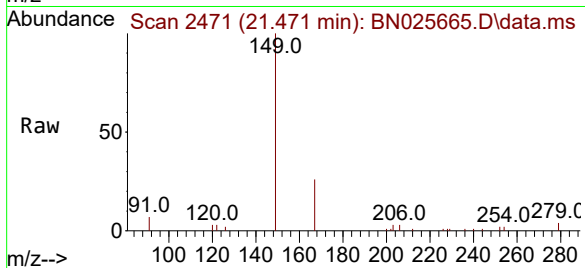




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.264 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BN025665.D
 Acq: 28 May 2023 04:20

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20230522

Tgt Ion:149 Resp: 10806
 Ion Ratio Lower Upper
 149 100
 167 27.3 20.4 30.6
 279 3.1 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.054 min Scan# 3138
 Delta R.T. -0.015 min
 Lab File: BN025665.D
 Acq: 28 May 2023 04:20

Tgt Ion:264 Resp: 14822
 Ion Ratio Lower Upper
 264 100
 260 26.8 22.3 33.5
 265 56.2 54.3 81.5

