

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025694.D
 Acq On : 28 May 2023 22:48
 Operator : CG/JU
 Sample : 02912-13
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20230523

Quant Time: May 29 01:42:06 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)

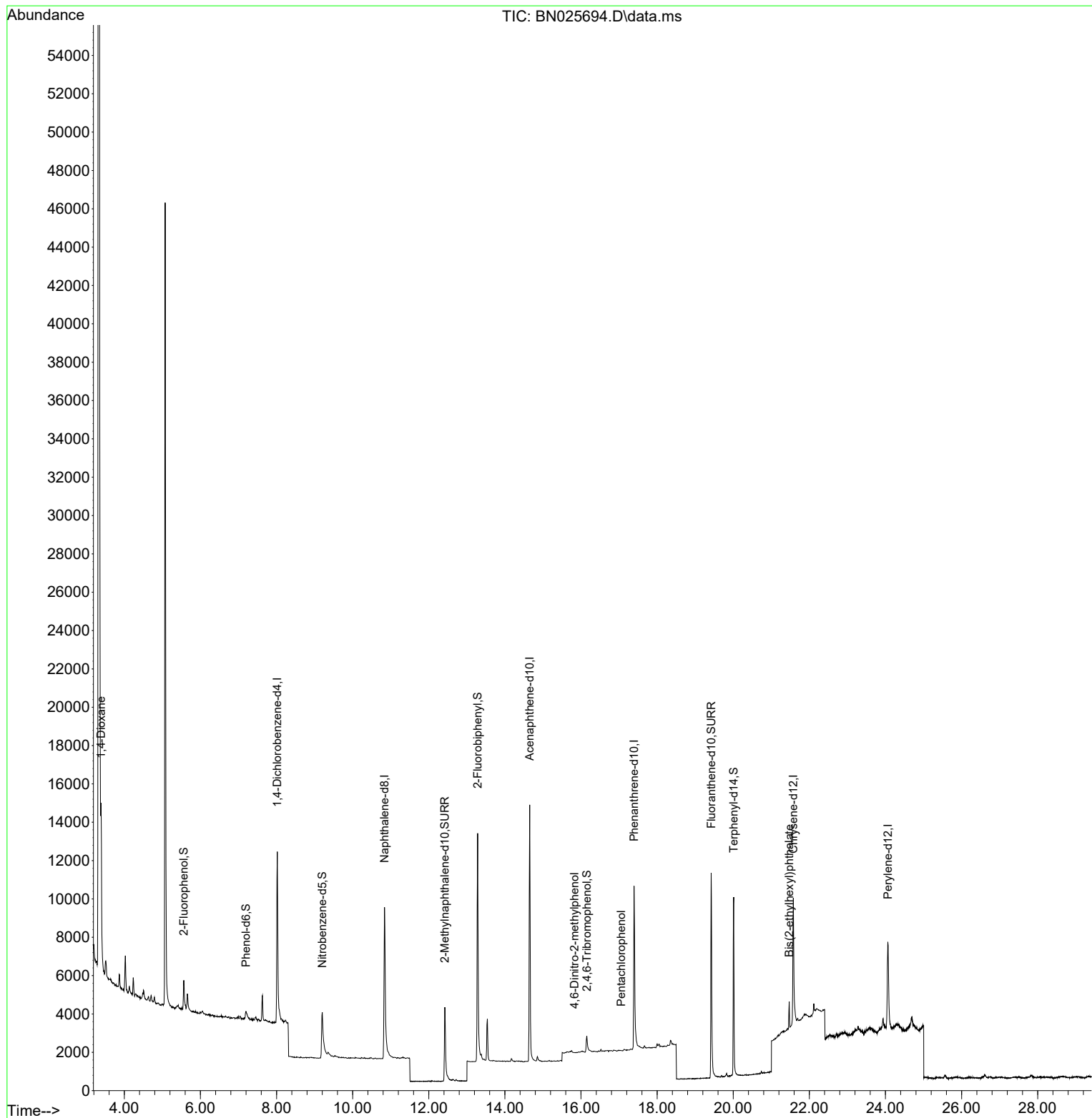
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.020	152	5519	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	14670	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	8218	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	15156	0.400	ng	0.00
29) Chrysene-d12	21.578	240	8512	0.400	ng	0.00
35) Perylene-d12	24.066	264	8568	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1780	0.126	ng	0.00
5) Phenol-d6	7.196	99	923	0.054	ng	0.02
8) Nitrobenzene-d5	9.202	82	3990	0.325	ng	0.01
11) 2-Methylnaphthalene-d10	12.423	152	7619	0.364	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	696	0.419	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	12692	0.374	ng	0.00
27) Fluoranthene-d10	19.421	212	13713	0.399	ng	0.00
31) Terphenyl-d14	20.011	244	9611	0.516	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	3169	0.496	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.829	198	4	0.115	ng	# 1
24) Pentachlorophenol	17.058	266	13	0.379	ng	# 48
34) Bis(2-ethylhexyl)phtha...	21.471	149	1429	0.074	ng	# 98

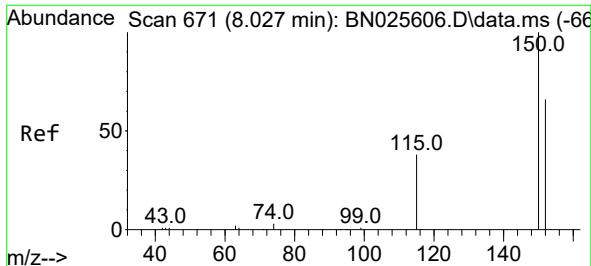
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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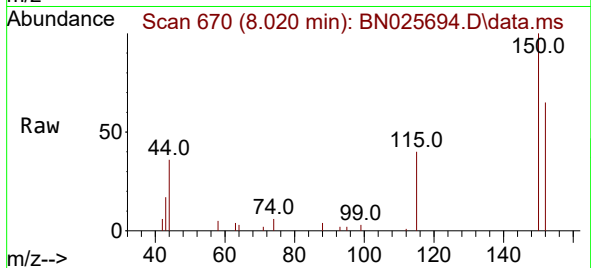
Quant Time: May 29 01:42:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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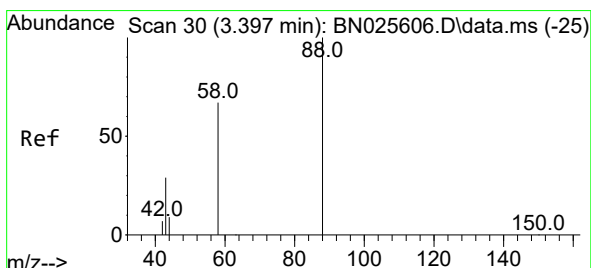
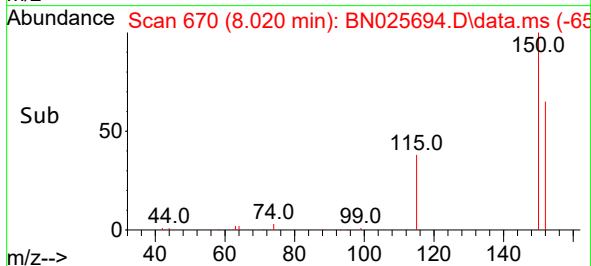
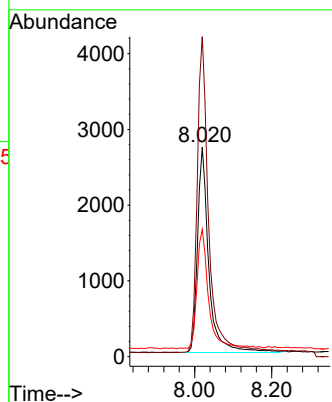


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.020 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN025694.D
Acq: 28 May 2023 22:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20230523

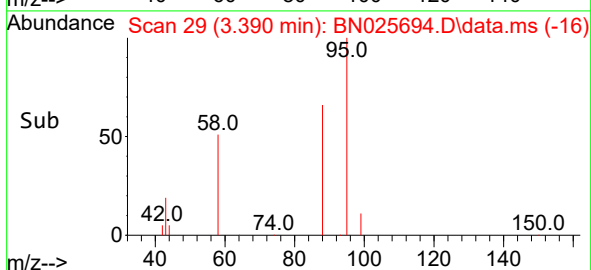
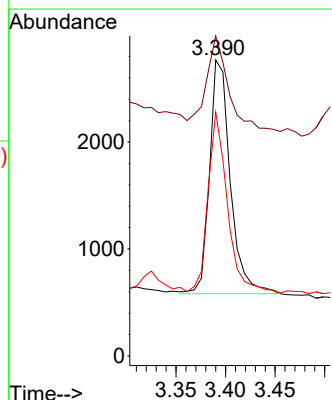
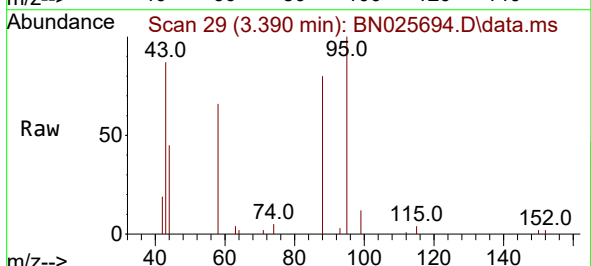


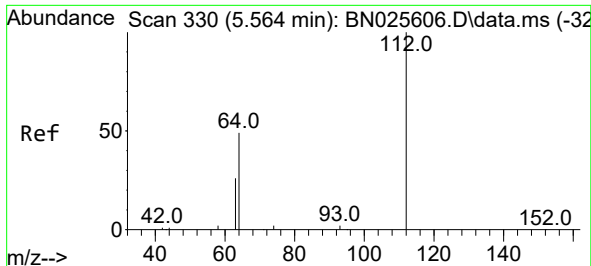
Tgt Ion:152 Resp: 5519
Ion Ratio Lower Upper
152 100
150 152.8 121.0 181.6
115 60.9 48.5 72.7



#2
1,4-Dioxane
Concen: 0.496 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025694.D
Acq: 28 May 2023 22:48

Tgt Ion: 88 Resp: 3169
Ion Ratio Lower Upper
88 100
43 44.6 26.5 39.7#
58 72.7 56.8 85.2

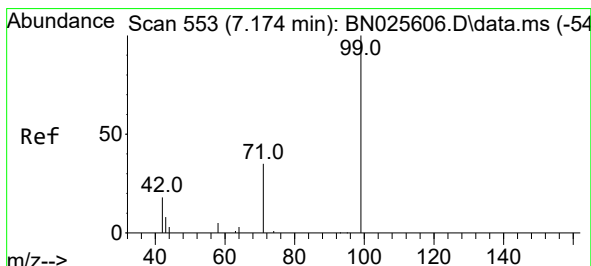
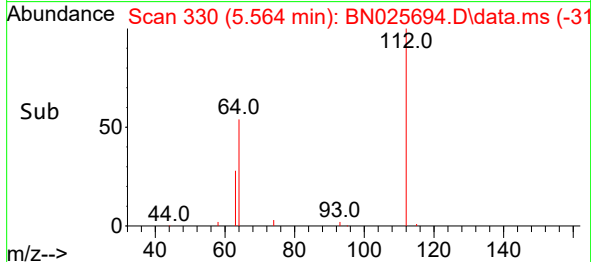
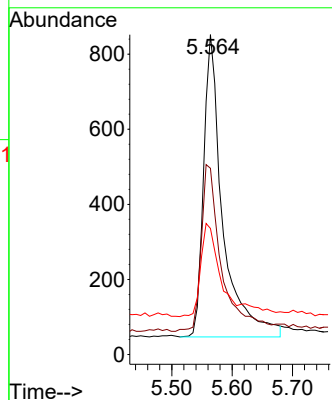
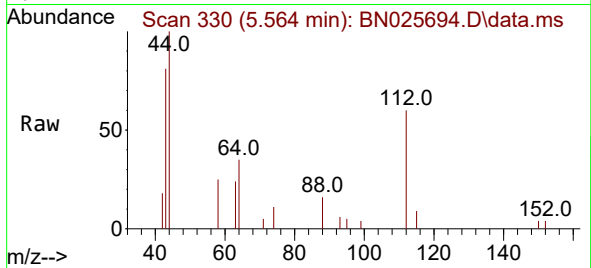




#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025694.D
Acq: 28 May 2023 22:48

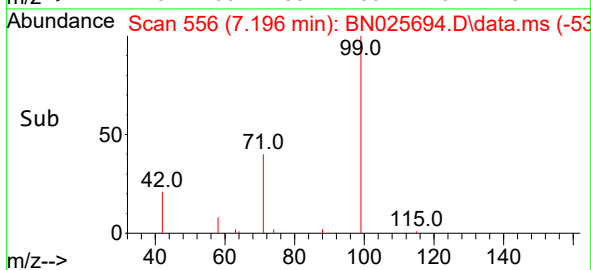
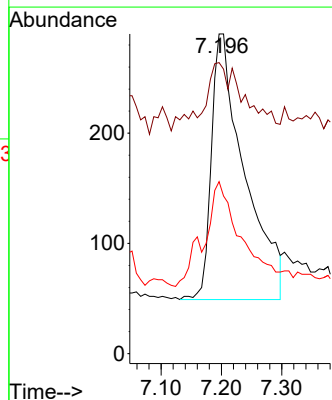
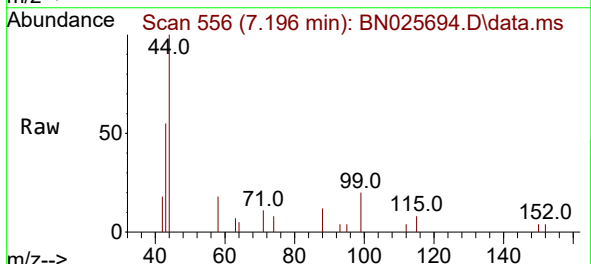
Instrument :
BNA_N
ClientSampleId :
RE103D2-20230523

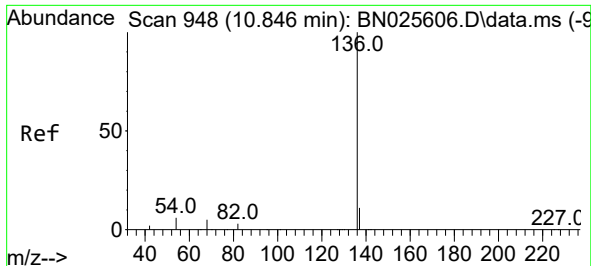
Tgt Ion:112 Resp: 1780
Ion Ratio Lower Upper
112 100
64 58.0 45.7 68.5
63 34.4 26.2 39.2



#5
Phenol-d6
Concen: 0.054 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.022 min
Lab File: BN025694.D
Acq: 28 May 2023 22:48

Tgt Ion: 99 Resp: 923
Ion Ratio Lower Upper
99 100
42 31.3 17.1 25.7#
71 30.4 29.3 43.9

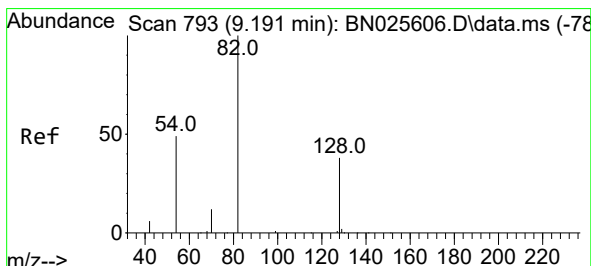
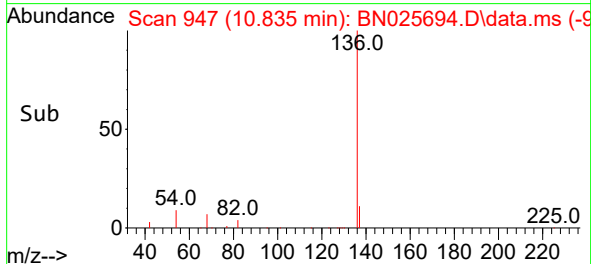
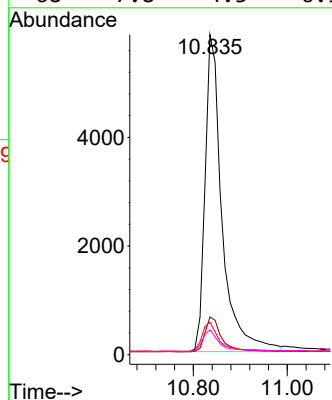
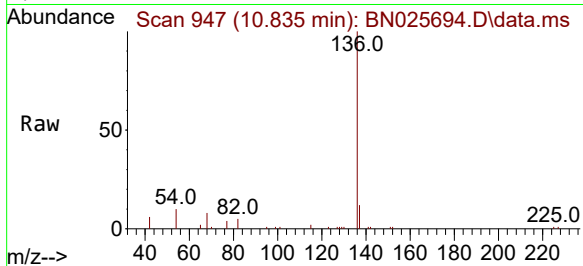




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN025694.D
Acq: 28 May 2023 22:48

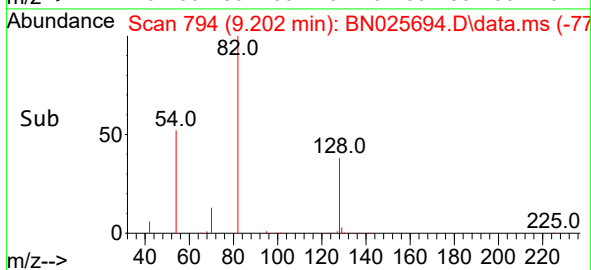
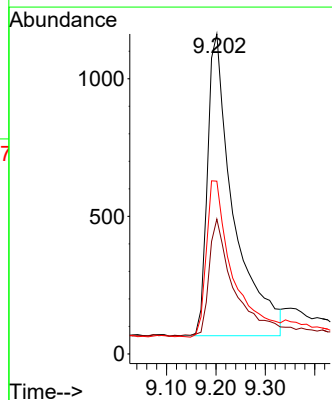
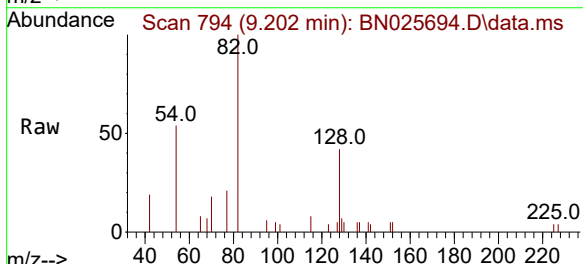
Instrument :
BNA_N
ClientSampleId :
RE103D2-20230523

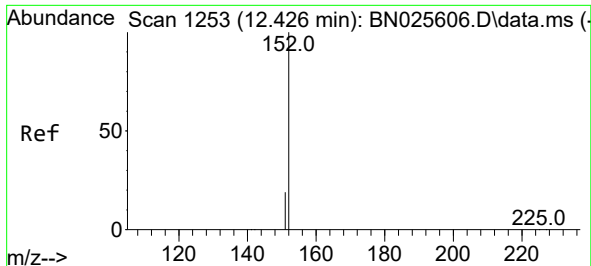
Tgt Ion:	136	Resp:	14670
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.1	13.7
54	10.1	5.4	8.0#
68	7.8	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025694.D
Acq: 28 May 2023 22:48

Tgt Ion:	82	Resp:	3990
Ion Ratio	Lower	Upper	
82	100		
128	42.1	32.5	48.7
54	54.0	40.6	60.8

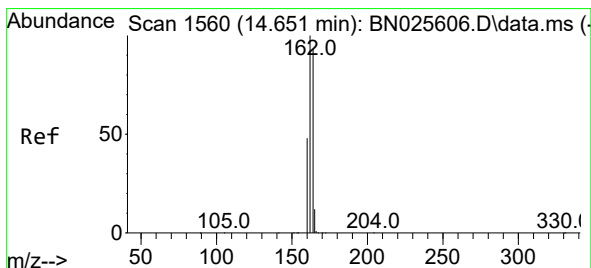
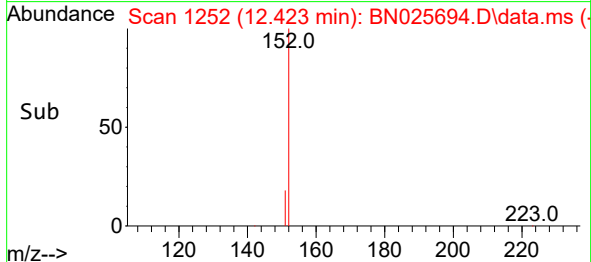
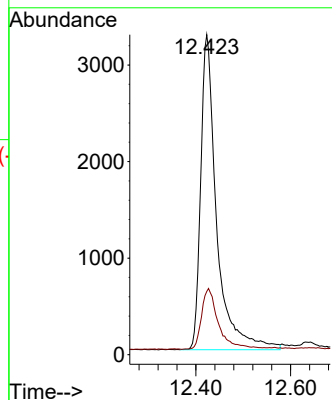
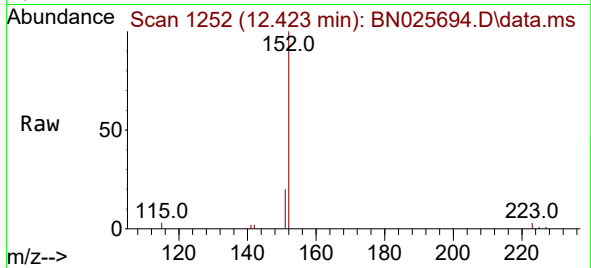




#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 12.423 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025694.D
Acq: 28 May 2023 22:48

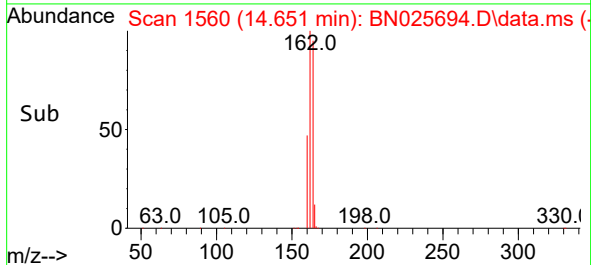
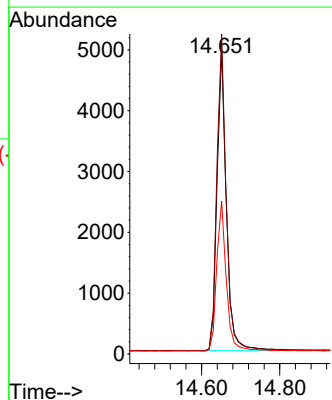
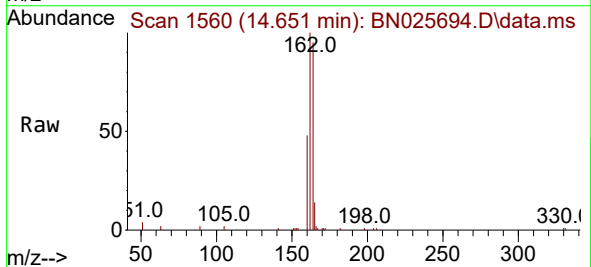
Instrument :
BNA_N
ClientSampleId :
RE103D2-20230523

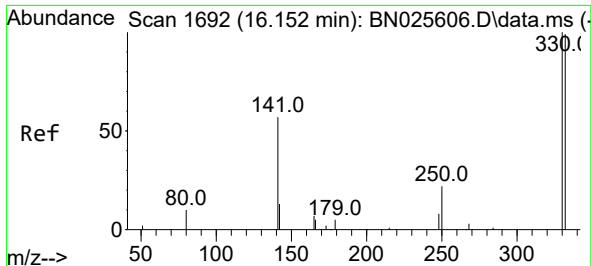
Tgt Ion:152 Resp: 7619
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BN025694.D
Acq: 28 May 2023 22:48

Tgt Ion:164 Resp: 8218
Ion Ratio Lower Upper
164 100
162 105.3 86.4 129.6
160 50.3 41.9 62.9

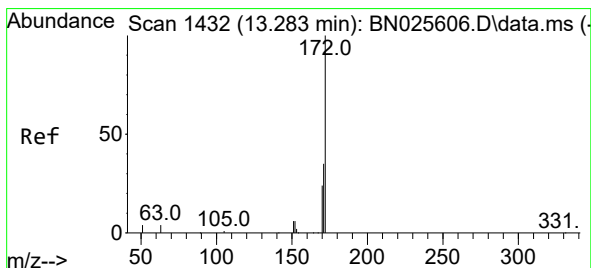
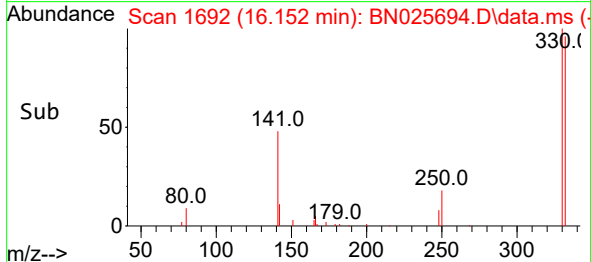
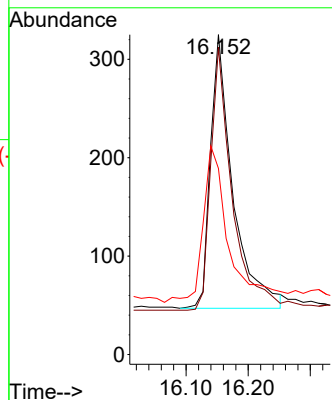
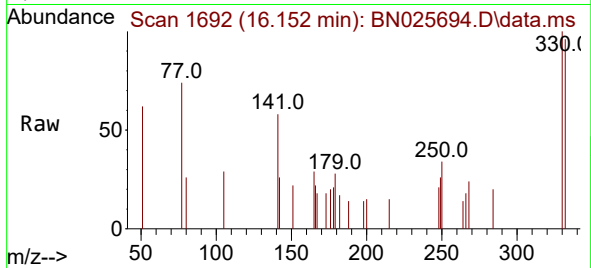




#14
2,4,6-Tribromophenol
Concen: 0.419 ng
RT: 16.152 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN025694.D
Acq: 28 May 2023 22:48

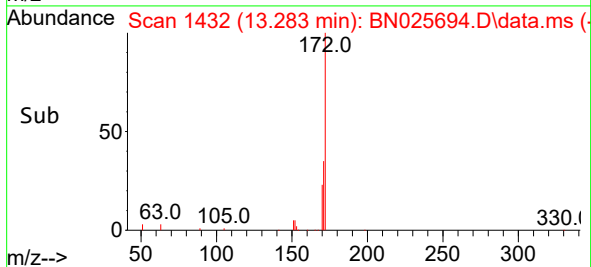
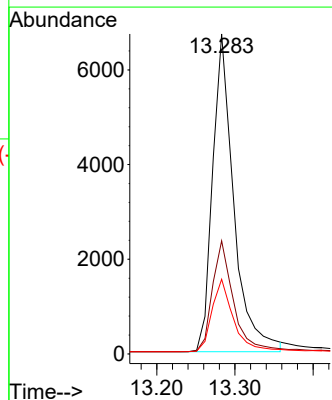
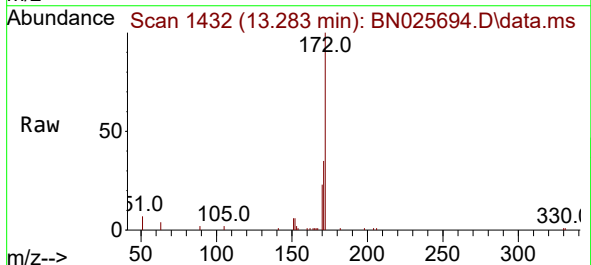
Instrument :
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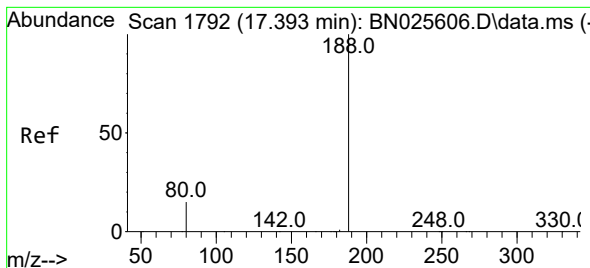
Tgt Ion: 330 Resp: 696
Ion Ratio Lower Upper
330 100
332 91.8 80.0 120.0
141 58.0 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.283 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BN025694.D
Acq: 28 May 2023 22:48

Tgt Ion: 172 Resp: 12692
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.3 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.393 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN025694.D

Acq: 28 May 2023 22:48

Instrument :

BNA_N

ClientSampleId :

RE103D2-20230523

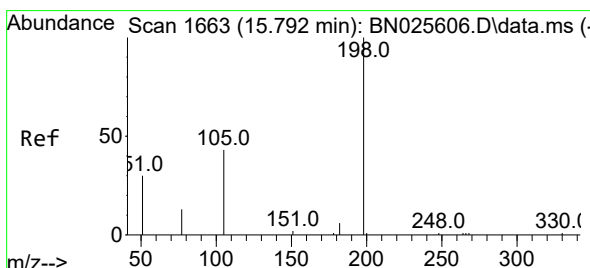
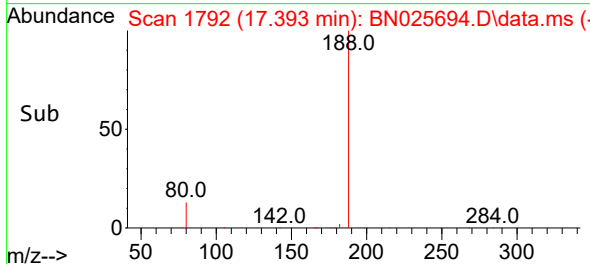
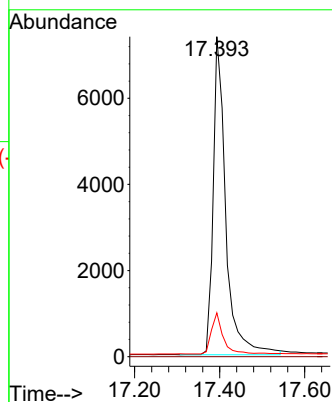
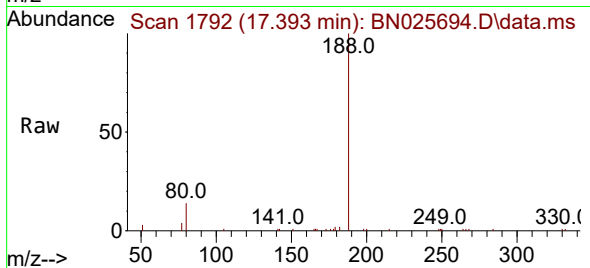
Tgt Ion:188 Resp: 15156

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.7 12.2 18.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.115 ng

RT: 15.829 min Scan# 1666

Delta R.T. 0.037 min

Lab File: BN025694.D

Acq: 28 May 2023 22:48

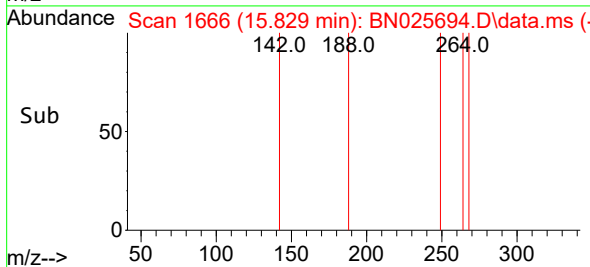
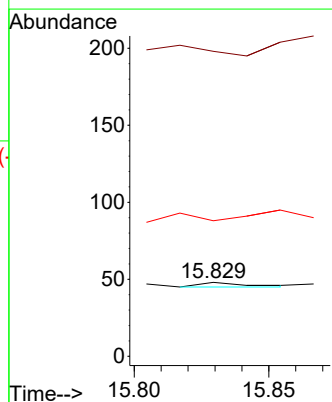
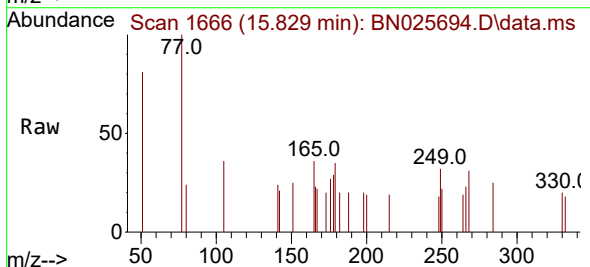
Tgt Ion:198 Resp: 4

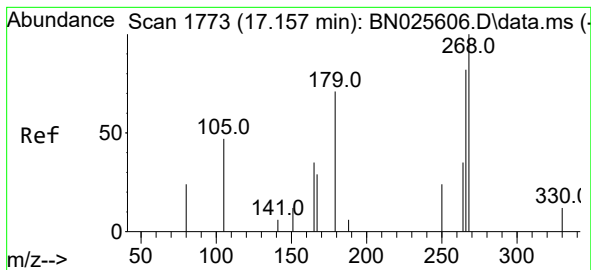
Ion Ratio Lower Upper

198 100

51 412.5 110.8 166.2#

105 183.3 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.379 ng

RT: 17.058 min Scan# 1765

Delta R.T. -0.012 min

Lab File: BN025694.D

Acq: 28 May 2023 22:48

Instrument :

BNA_N

ClientSampleId :

RE103D2-20230523

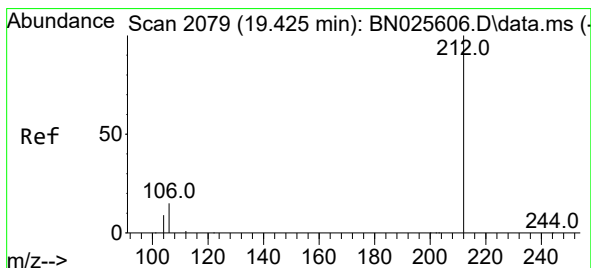
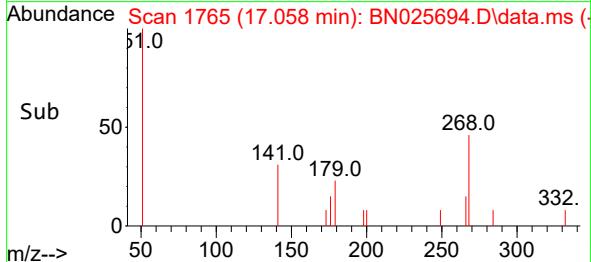
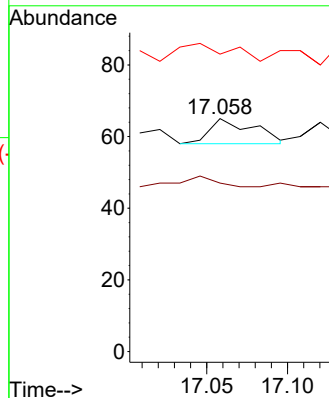
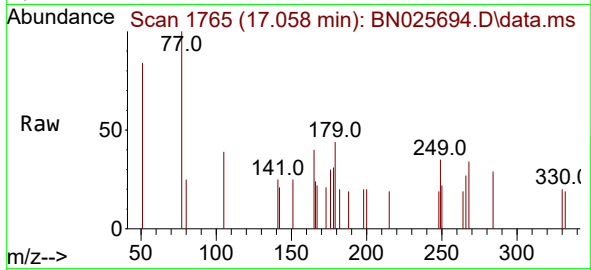
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 30.8 60.0 90.0#

268 84.6 0.0 0.0#



#27

Fluoranthene-d10

Concen: 0.399 ng

RT: 19.421 min Scan# 2078

Delta R.T. 0.000 min

Lab File: BN025694.D

Acq: 28 May 2023 22:48

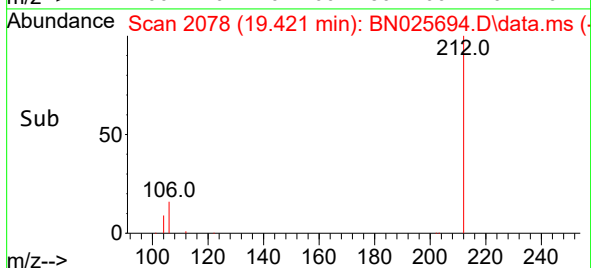
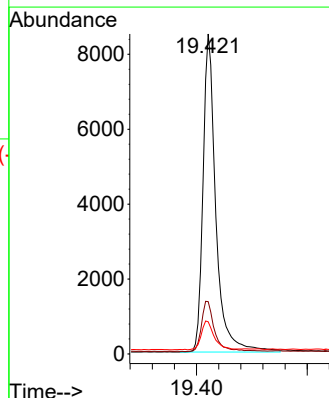
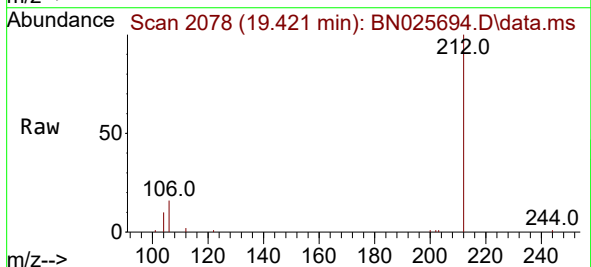
Tgt Ion:212 Resp: 13713

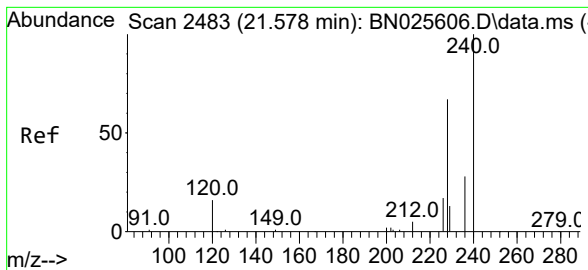
Ion Ratio Lower Upper

212 100

106 16.2 12.3 18.5

104 9.1 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: BN025694.D

Acq: 28 May 2023 22:48

Instrument :

BNA_N

ClientSampleId :

RE103D2-20230523

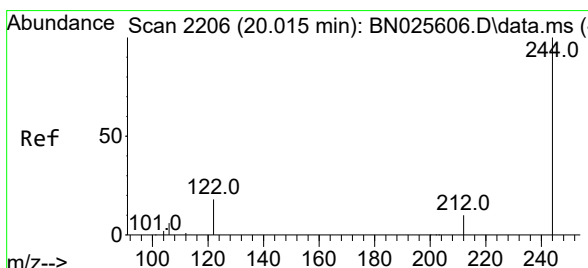
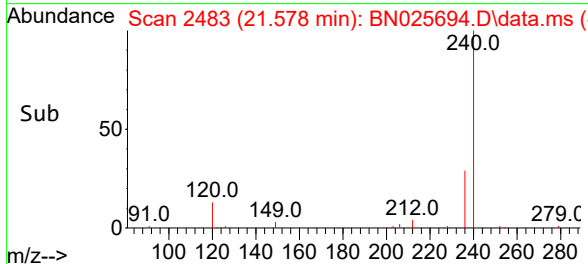
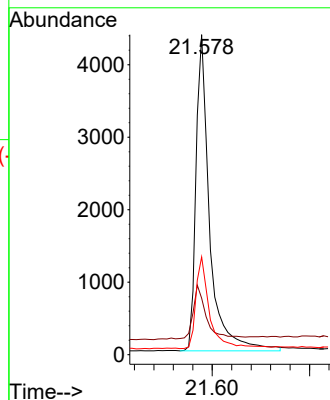
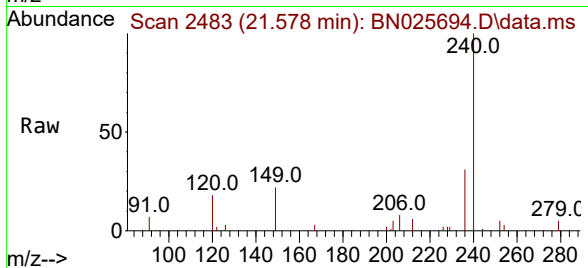
Tgt Ion:240 Resp: 8512

Ion Ratio Lower Upper

240 100

120 17.7 15.4 23.0

236 30.6 23.2 34.8



#31

Terphenyl-d14

Concen: 0.516 ng

RT: 20.011 min Scan# 2205

Delta R.T. -0.005 min

Lab File: BN025694.D

Acq: 28 May 2023 22:48

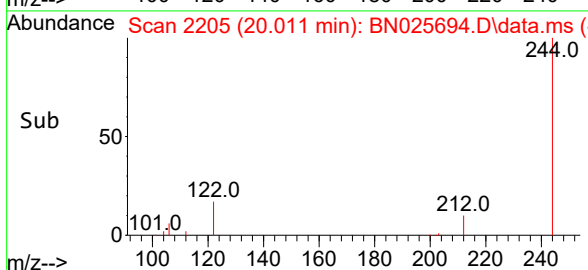
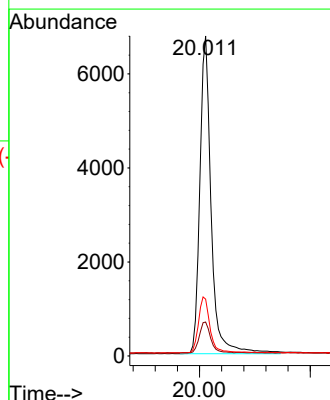
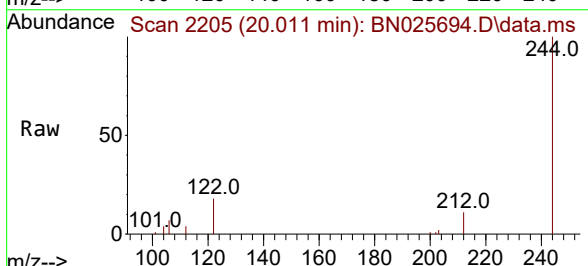
Tgt Ion:244 Resp: 9611

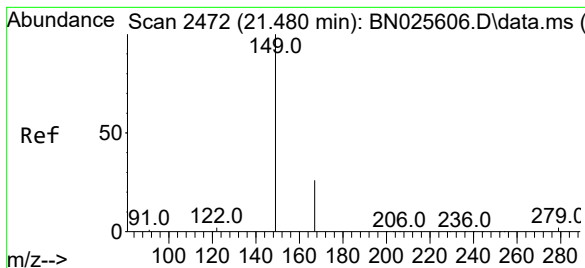
Ion Ratio Lower Upper

244 100

212 10.6 8.5 12.7

122 17.7 14.9 22.3

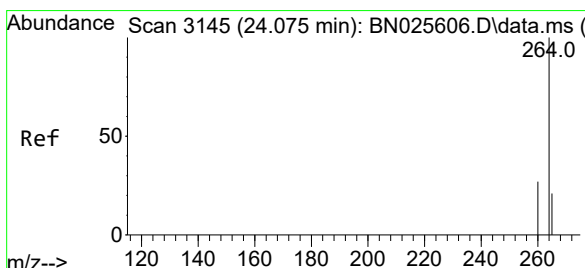
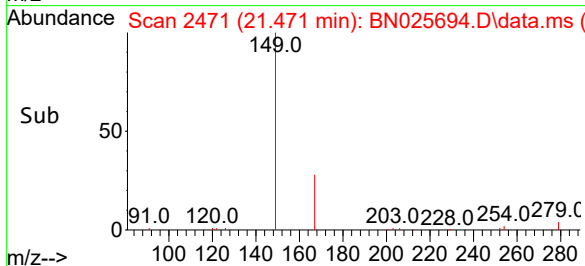
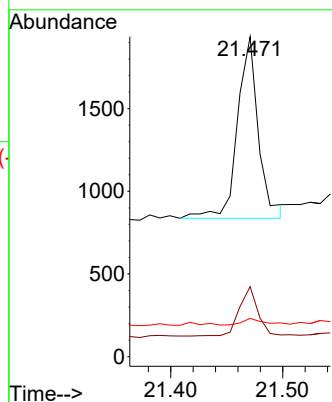
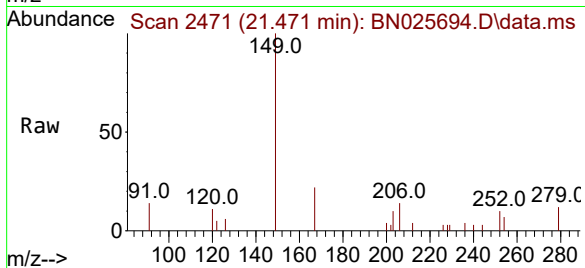




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.074 ng
RT: 21.471 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BN025694.D
Acq: 28 May 2023 22:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20230523

Tgt Ion:149 Resp: 1429
Ion Ratio Lower Upper
149 100
167 24.5 20.4 30.6
279 3.7 3.3 4.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.066 min Scan# 3142
Delta R.T. -0.003 min
Lab File: BN025694.D
Acq: 28 May 2023 22:48

Tgt Ion:264 Resp: 8568
Ion Ratio Lower Upper
264 100
260 26.7 22.3 33.5
265 69.4 54.3 81.5

