

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024370.D
 Acq On : 18 Mar 2023 07:42
 Operator : CG/JU
 Sample : 01879-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D1-20230308

Quant Time: Mar 20 01:07:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:49:08 2023
 Response via : Initial Calibration

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

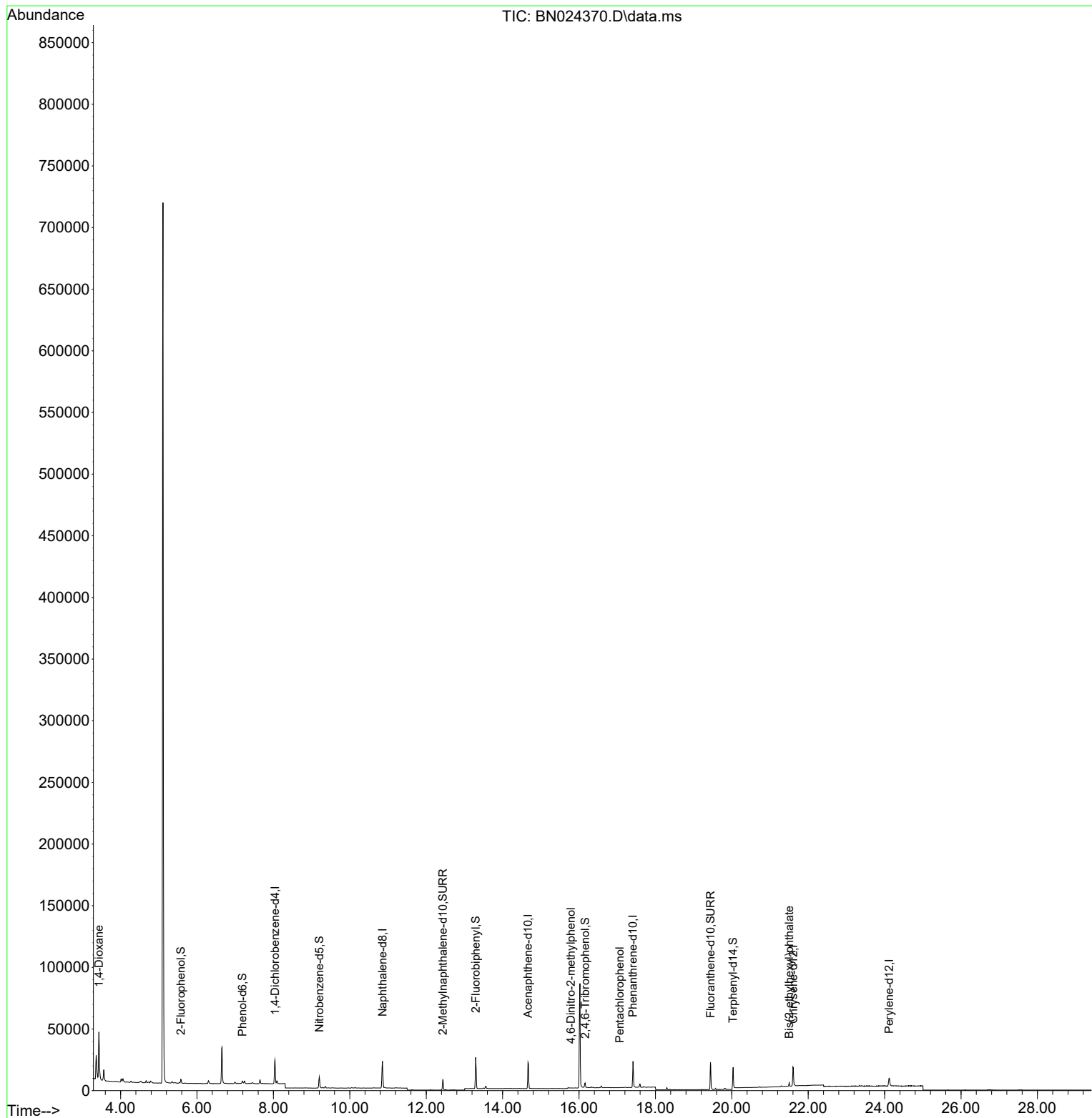
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	9334	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	27712	0.400	ng	0.00
13) Acenaphthene-d10	14.664	164	12803	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	25991	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	16225	0.400	ng	0.00
35) Perylene-d12	24.117	264	10726	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	2459	0.119	ng	0.00
5) Phenol-d6	7.188	99	1739	0.065	ng	0.00
8) Nitrobenzene-d5	9.200	82	7153	0.386	ng	0.00
11) 2-Methylnaphthalene-d10	12.433	152	11356	0.333	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	2167	0.331	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	20596	0.426	ng	0.00
27) Fluoranthene-d10	19.442	212	21706	0.394	ng	0.00
31) Terphenyl-d14	20.033	244	12090	0.442	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	24207	2.383	ng	Qvalue 94
20) 4,6-Dinitro-2-methylph...	15.787	198	10	0.180	ng	# 1
24) Pentachlorophenol	17.065	266	60	0.134	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.502	149	2511	0.098	ng	# 97

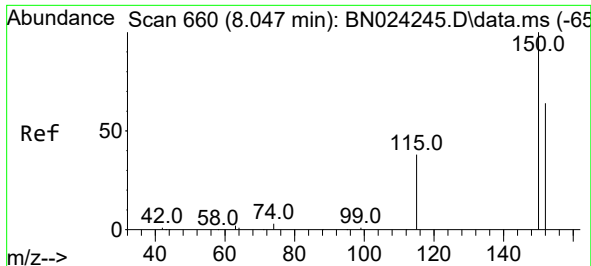
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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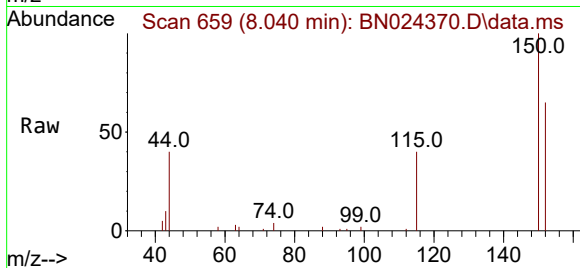
Quant Time: Mar 20 01:07:53 2023
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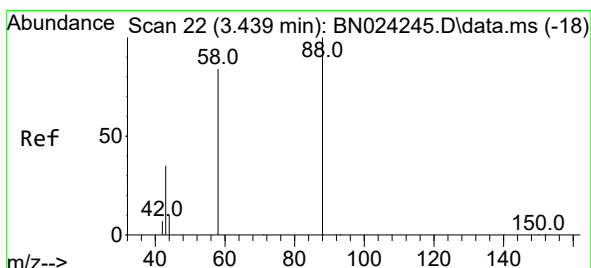
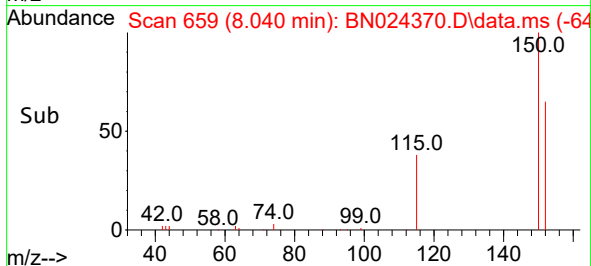
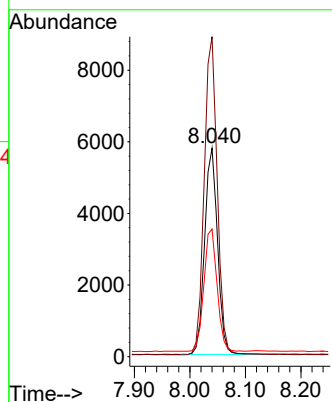


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024370.D
Acq: 18 Mar 2023 07:42

Instrument :
BNA_N
ClientSampleId :
RE109D1-20230308

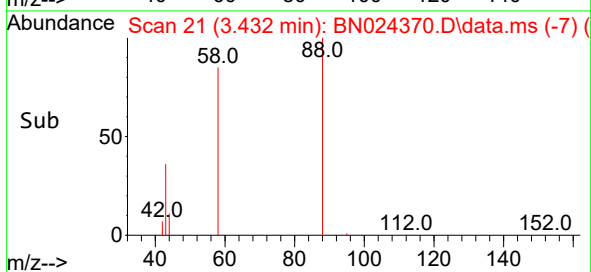
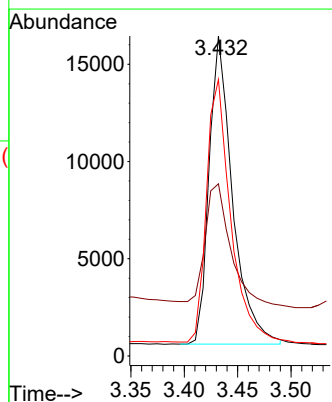
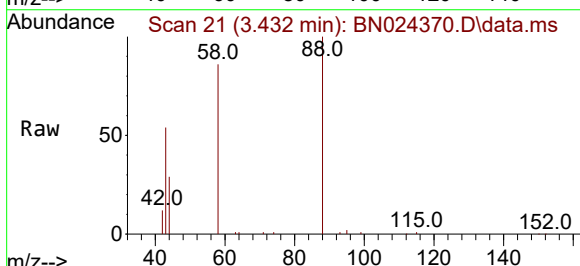


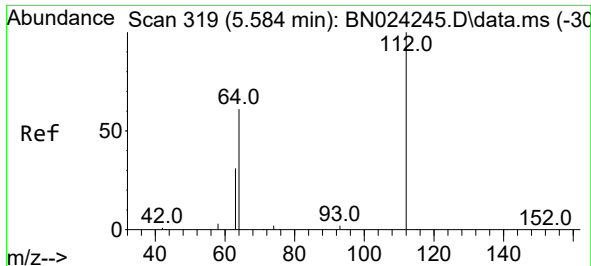
Tgt Ion:152 Resp: 9334
Ion Ratio Lower Upper
152 100
150 153.5 124.7 187.1
115 61.2 49.1 73.7



#2
1,4-Dioxane
Concen: 2.383 ng
RT: 3.432 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024370.D
Acq: 18 Mar 2023 07:42

Tgt Ion: 88 Resp: 24207
Ion Ratio Lower Upper
88 100
43 42.6 29.0 43.4
58 87.5 67.3 100.9

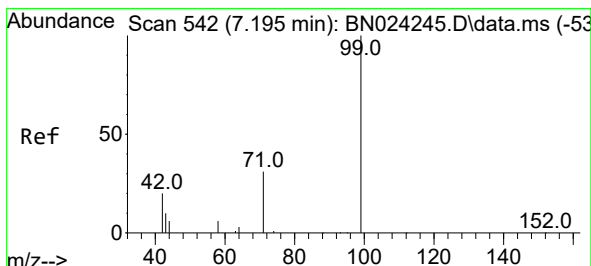
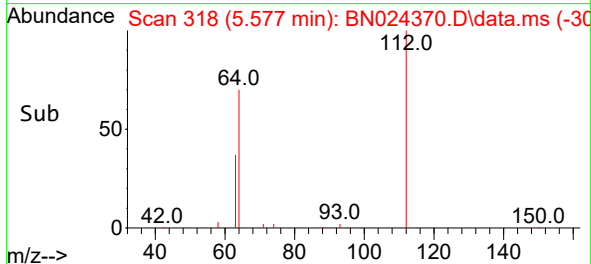
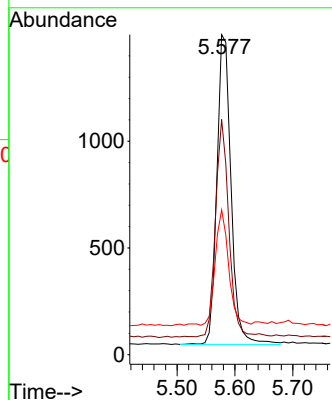
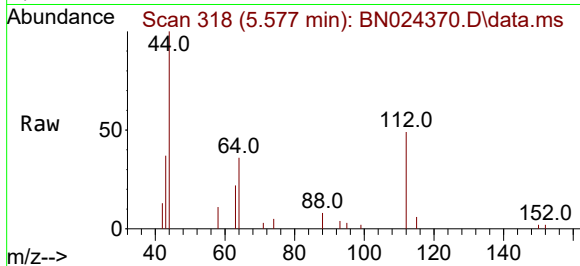




#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.577 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024370.D
Acq: 18 Mar 2023 07:42

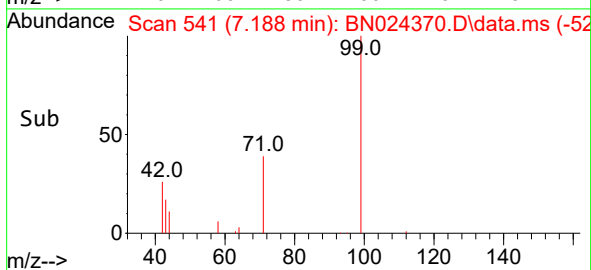
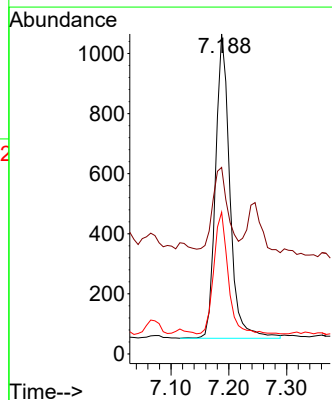
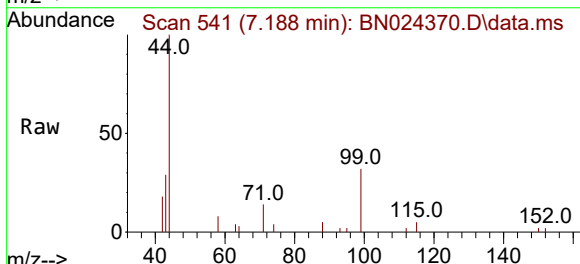
Instrument :
BNA_N
ClientSampleId :
RE109D1-20230308

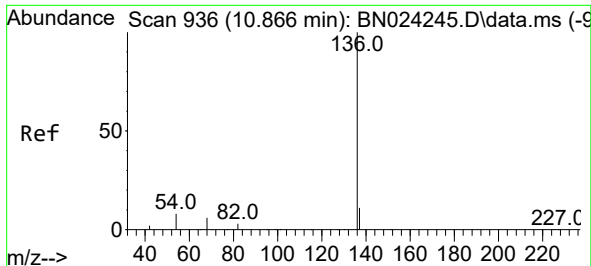
Tgt Ion:112 Resp: 2459
Ion Ratio Lower Upper
112 100
64 67.1 49.0 73.6
63 35.1 25.7 38.5



#5
Phenol-d6
Concen: 0.065 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024370.D
Acq: 18 Mar 2023 07:42

Tgt Ion: 99 Resp: 1739
Ion Ratio Lower Upper
99 100
42 27.9 20.1 30.1
71 40.0 25.8 38.8

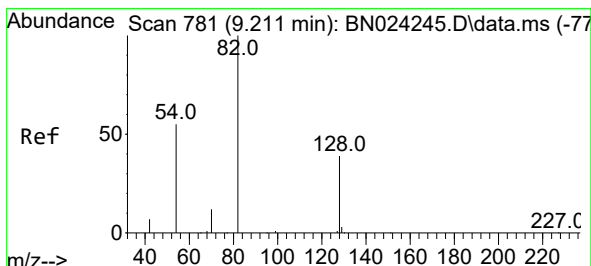
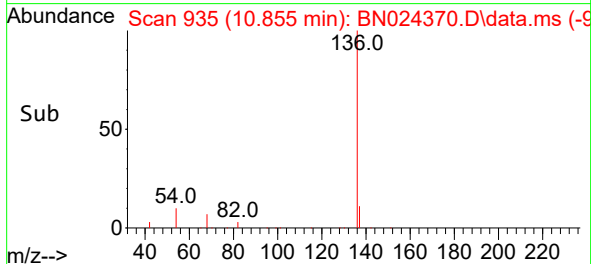
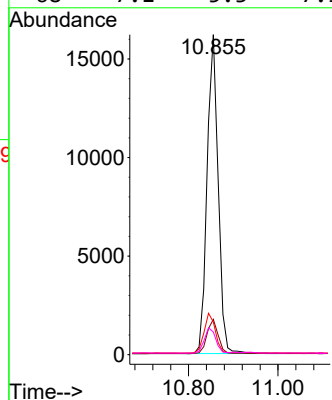
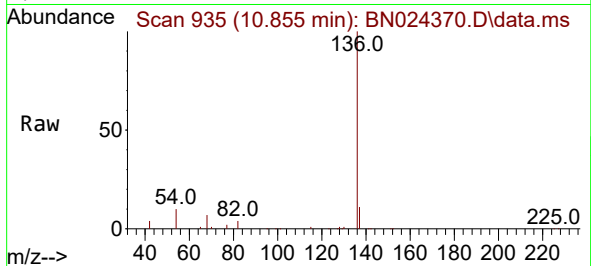




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024370.D
Acq: 18 Mar 2023 07:42

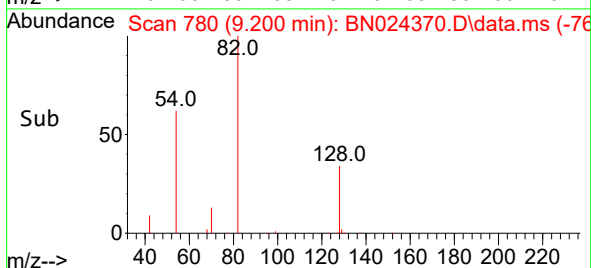
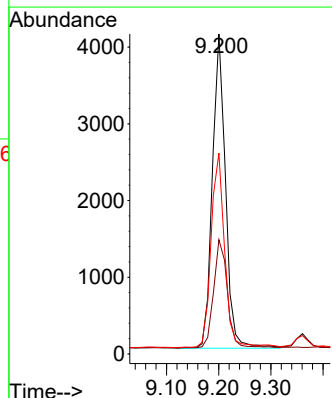
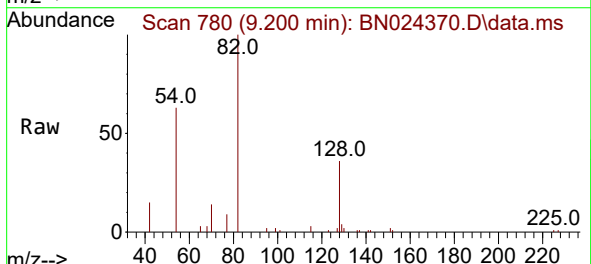
Instrument :
BNA_N
ClientSampleId :
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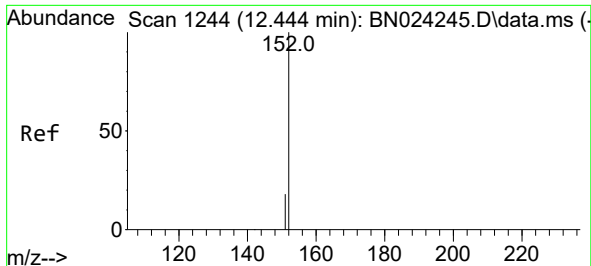
Tgt Ion:	136	Resp:	27712
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	10.2	7.1	10.7
68	7.1	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 9.200 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024370.D
Acq: 18 Mar 2023 07:42

Tgt Ion:	82	Resp:	7153
Ion Ratio	Lower	Upper	
82	100		
128	35.7	32.4	48.6
54	62.8	45.2	67.8

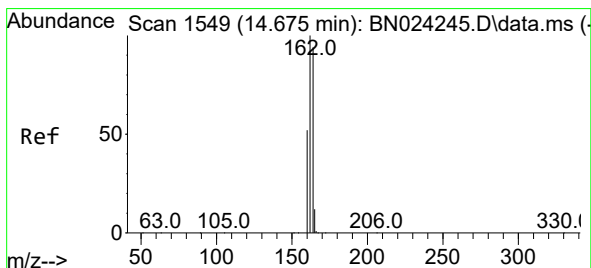
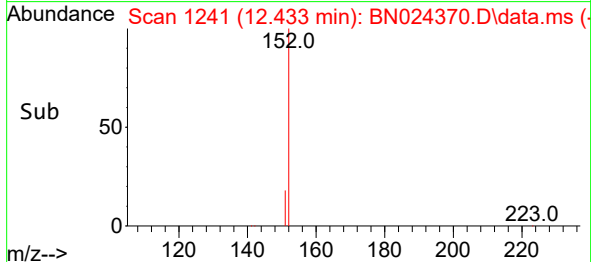
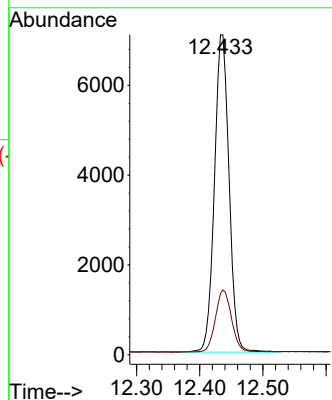
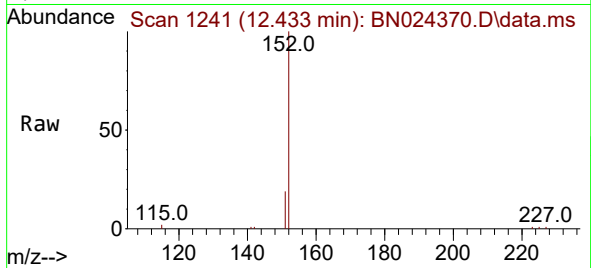




#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024370.D
Acq: 18 Mar 2023 07:42

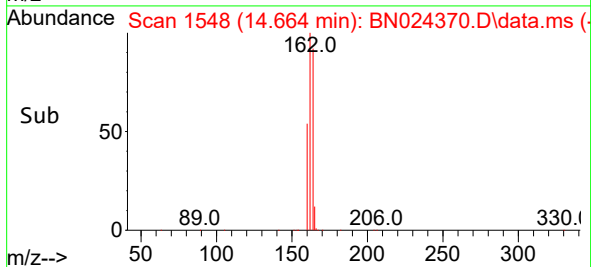
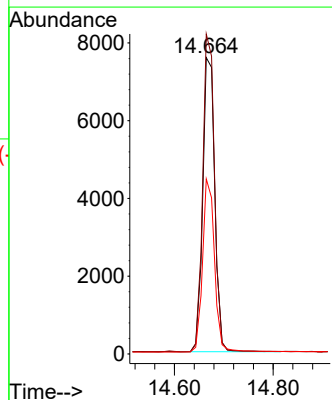
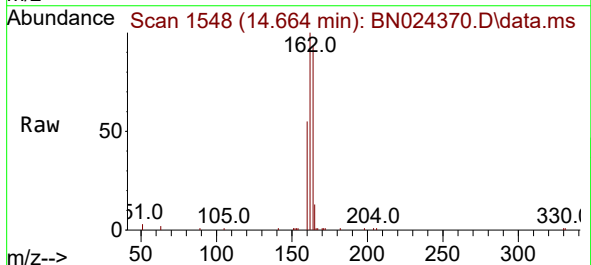
Instrument :
BNA_N
ClientSampleId :
RE109D1-20230308

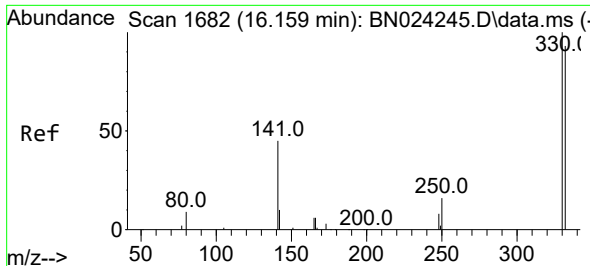
Tgt Ion:152 Resp: 11356
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.664 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BN024370.D
Acq: 18 Mar 2023 07:42

Tgt Ion:164 Resp: 12803
Ion Ratio Lower Upper
164 100
162 108.0 84.7 127.1
160 59.1 44.6 66.8

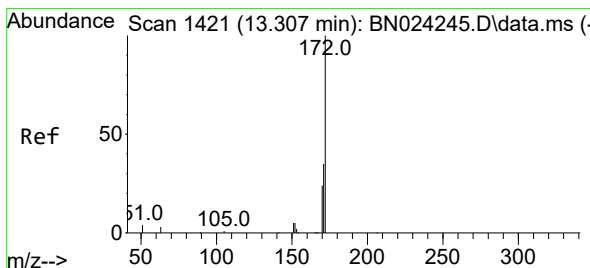
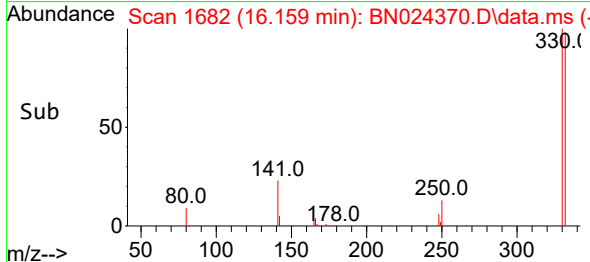
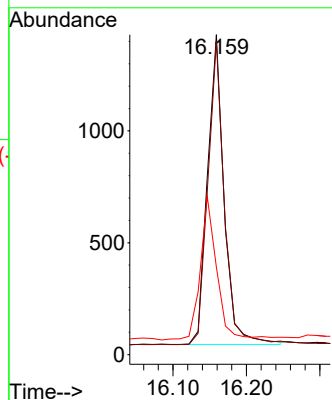
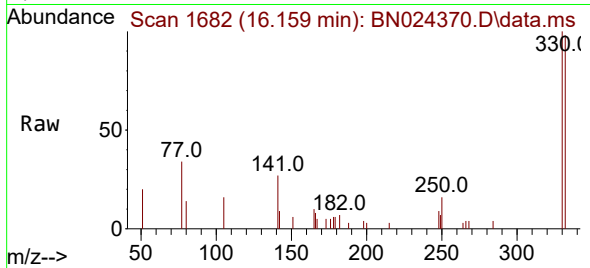




#14
2,4,6-Tribromophenol
Concen: 0.331 ng
RT: 16.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024370.D
Acq: 18 Mar 2023 07:42

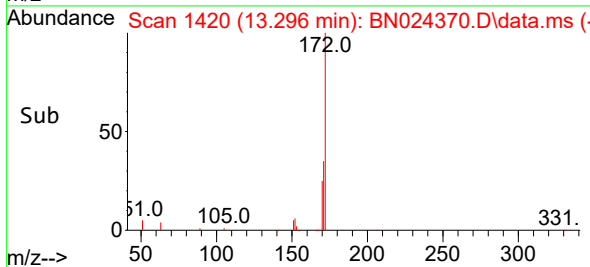
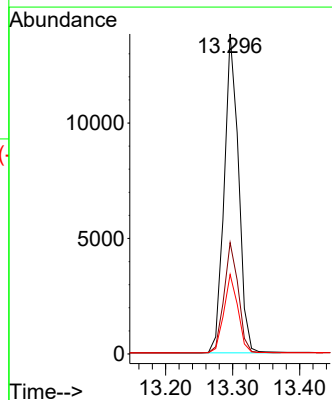
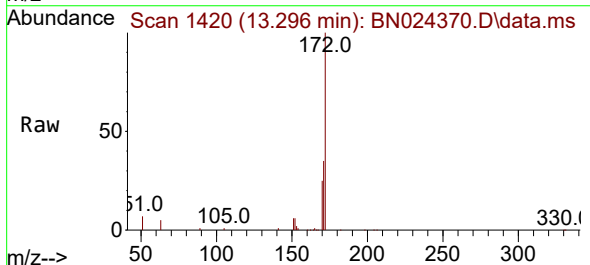
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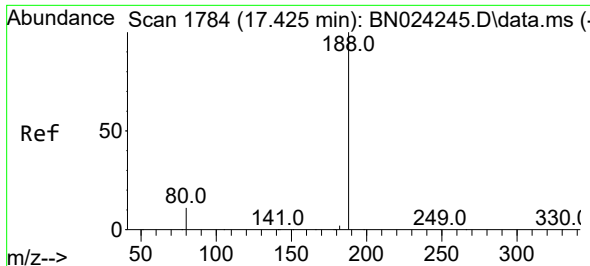
Tgt Ion:330 Resp: 2167
Ion Ratio Lower Upper
330 100
332 97.7 78.0 117.0
141 47.1 30.8 46.2#



#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 13.296 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BN024370.D
Acq: 18 Mar 2023 07:42

Tgt Ion:172 Resp: 20596
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 24.8 19.0 28.6

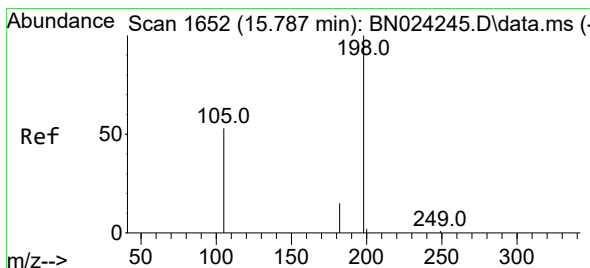
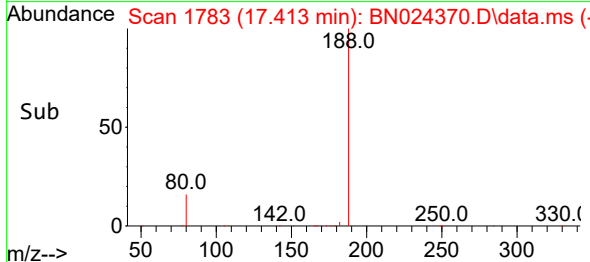
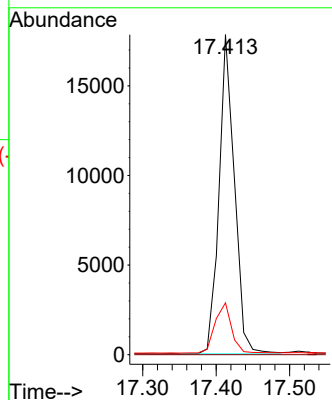
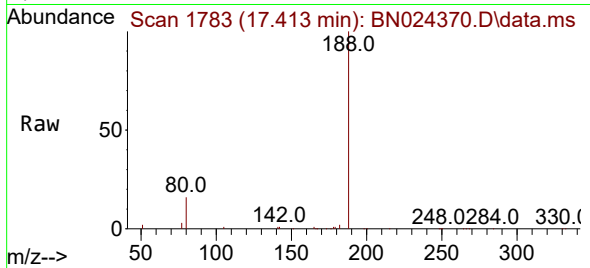




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024370.D
Acq: 18 Mar 2023 07:42

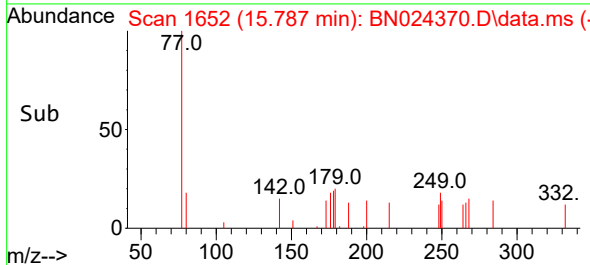
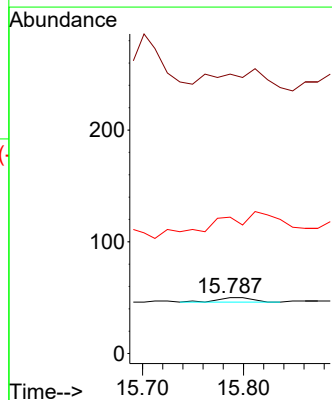
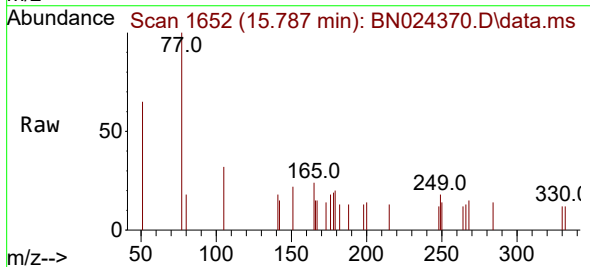
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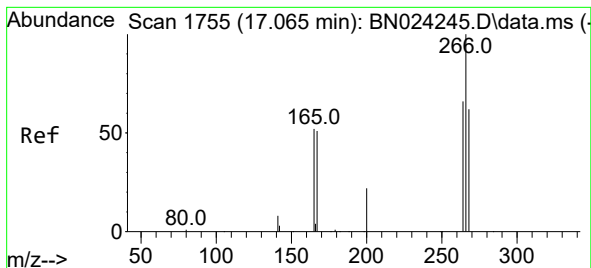
Tgt Ion:188 Resp: 25991
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.2 8.9 13.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.787 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN024370.D
Acq: 18 Mar 2023 07:42

Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 500.0 68.2 102.2#
105 244.0 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.134 ng

RT: 17.065 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024370.D

Acq: 18 Mar 2023 07:42

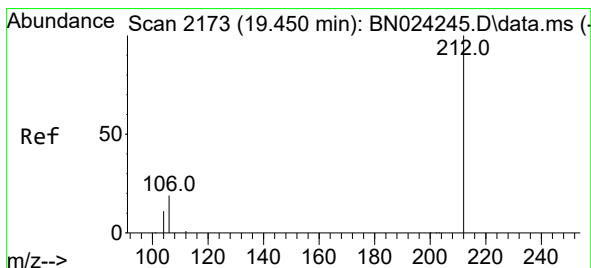
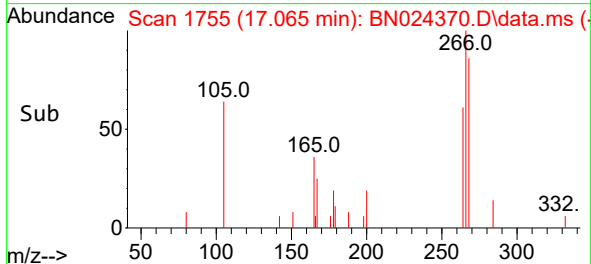
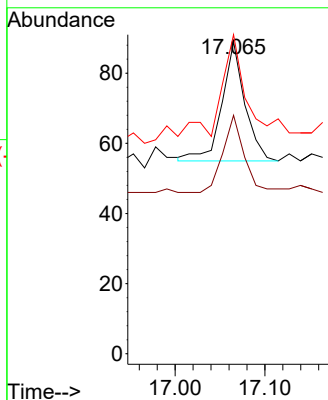
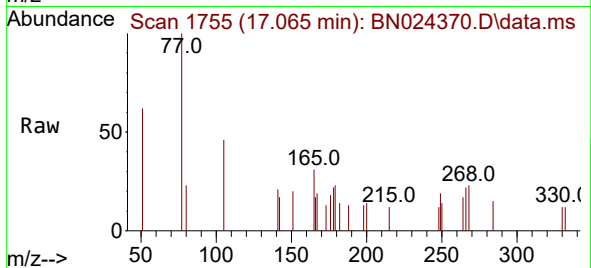
Instrument :

BNA_N

ClientSampleId :

RE109D1-20230308

Tgt Ion:	266	Resp:	60
Ion Ratio	Lower	Upper	
266	100		
264	60.0	51.1	76.7
268	96.7	52.2	78.4



#27

Fluoranthene-d10

Concen: 0.394 ng

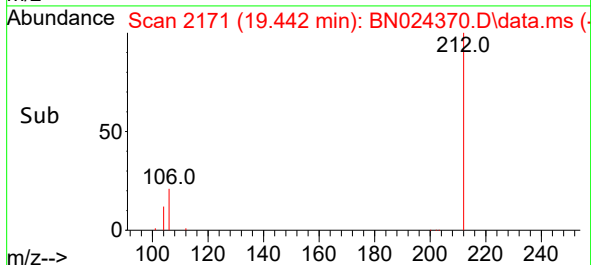
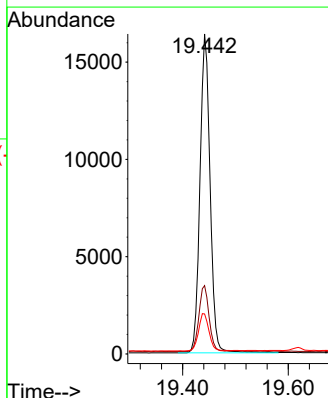
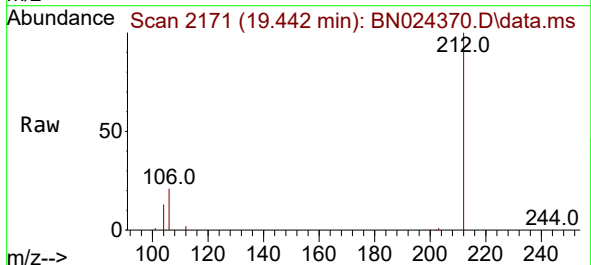
RT: 19.442 min Scan# 2171

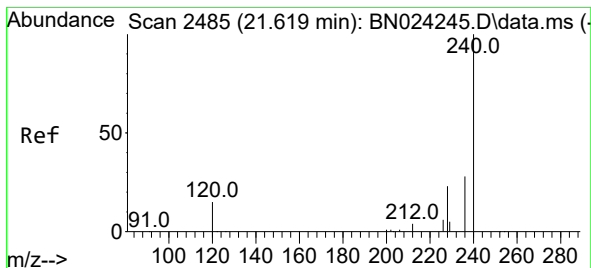
Delta R.T. 0.000 min

Lab File: BN024370.D

Acq: 18 Mar 2023 07:42

Tgt Ion:	212	Resp:	21706
Ion Ratio	Lower	Upper	
212	100		
106	21.0	15.4	23.2
104	12.2	8.6	13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.610 min Scan# 2484

Delta R.T. 0.009 min

Lab File: BN024370.D

Acq: 18 Mar 2023 07:42

Instrument :

BNA_N

ClientSampleId :

RE109D1-20230308

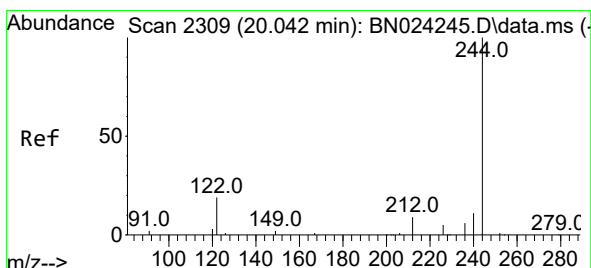
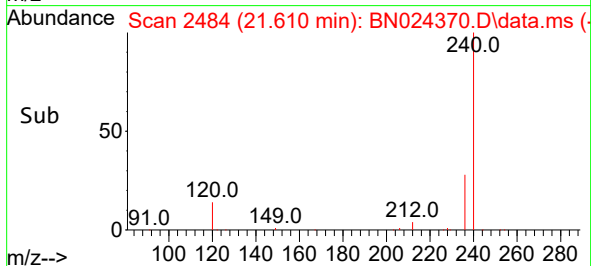
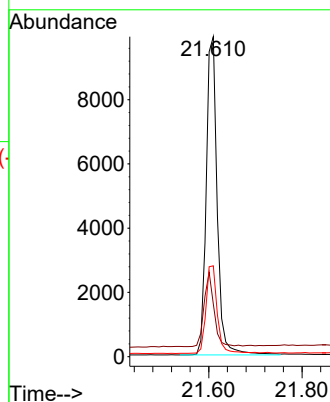
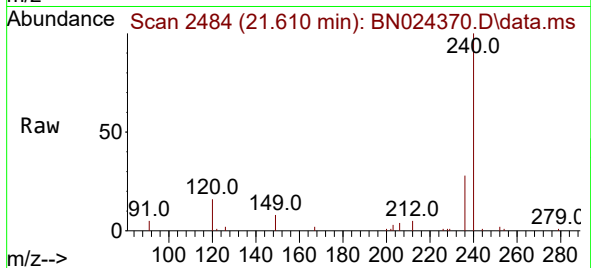
Tgt Ion:240 Resp: 16225

Ion Ratio Lower Upper

240 100

120 16.5 12.8 19.2

236 28.4 22.5 33.7



#31

Terphenyl-d14

Concen: 0.442 ng

RT: 20.033 min Scan# 2308

Delta R.T. 0.000 min

Lab File: BN024370.D

Acq: 18 Mar 2023 07:42

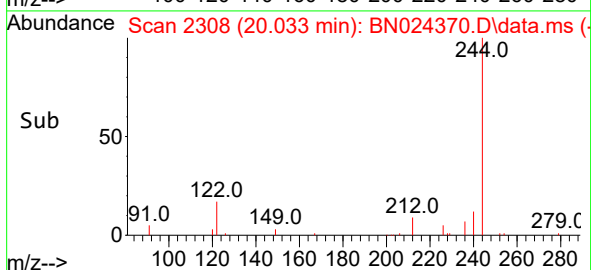
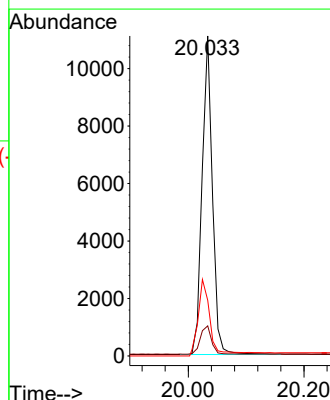
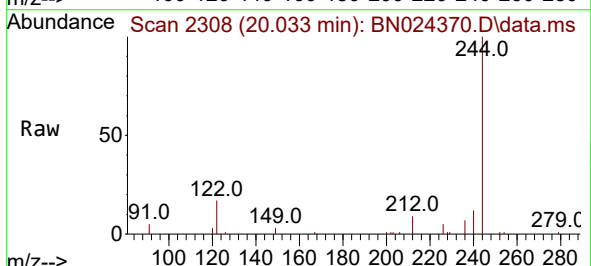
Tgt Ion:244 Resp: 12090

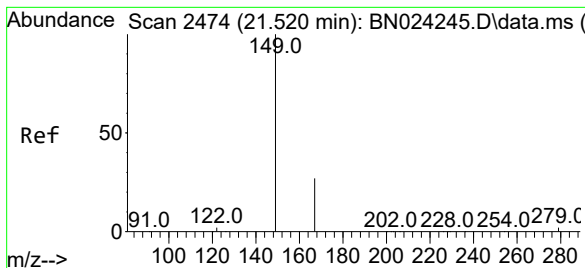
Ion Ratio Lower Upper

244 100

212 9.4 7.6 11.4

122 17.4 15.1 22.7

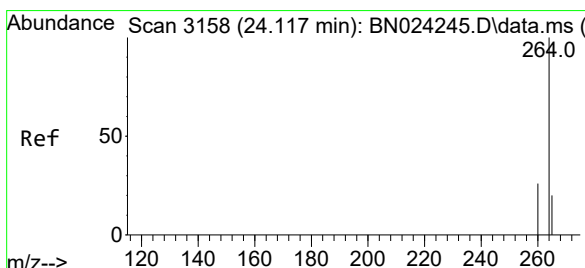
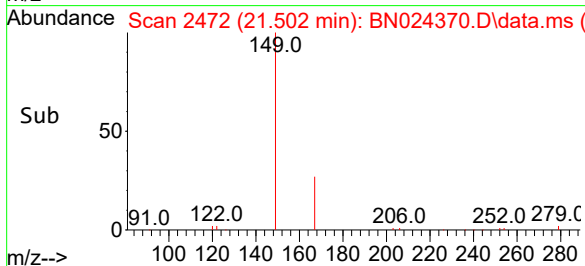
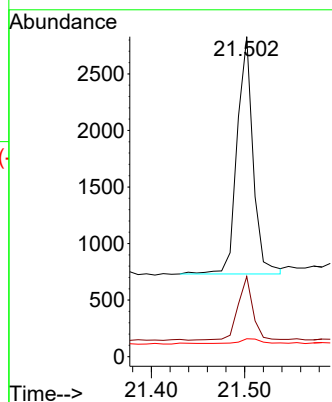
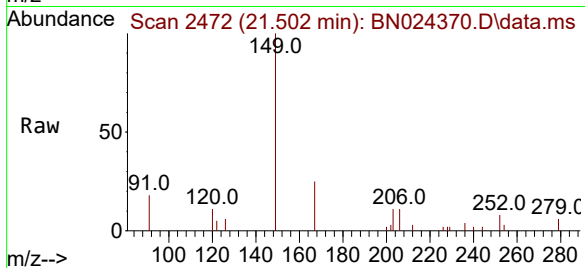




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.098 ng
 RT: 21.502 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BN024370.D
 Acq: 18 Mar 2023 07:42

Instrument :
 BNA_N
 ClientSampleId :
 RE109D1-20230308

Tgt Ion:149 Resp: 2511
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.2 31.8
 279 2.9 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.117 min Scan# 3158
 Delta R.T. 0.020 min
 Lab File: BN024370.D
 Acq: 18 Mar 2023 07:42

Tgt Ion:264 Resp: 10726
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.4 32.2
 265 69.2 35.7 53.5#

