

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030823\
 Data File : BN024160.D
 Acq On : 08 Mar 2023 01:25
 Operator : CG/JU
 Sample : 01683-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20230223

Quant Time: Mar 08 04:13:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 08 03:54:47 2023
 Response via : Initial Calibration

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

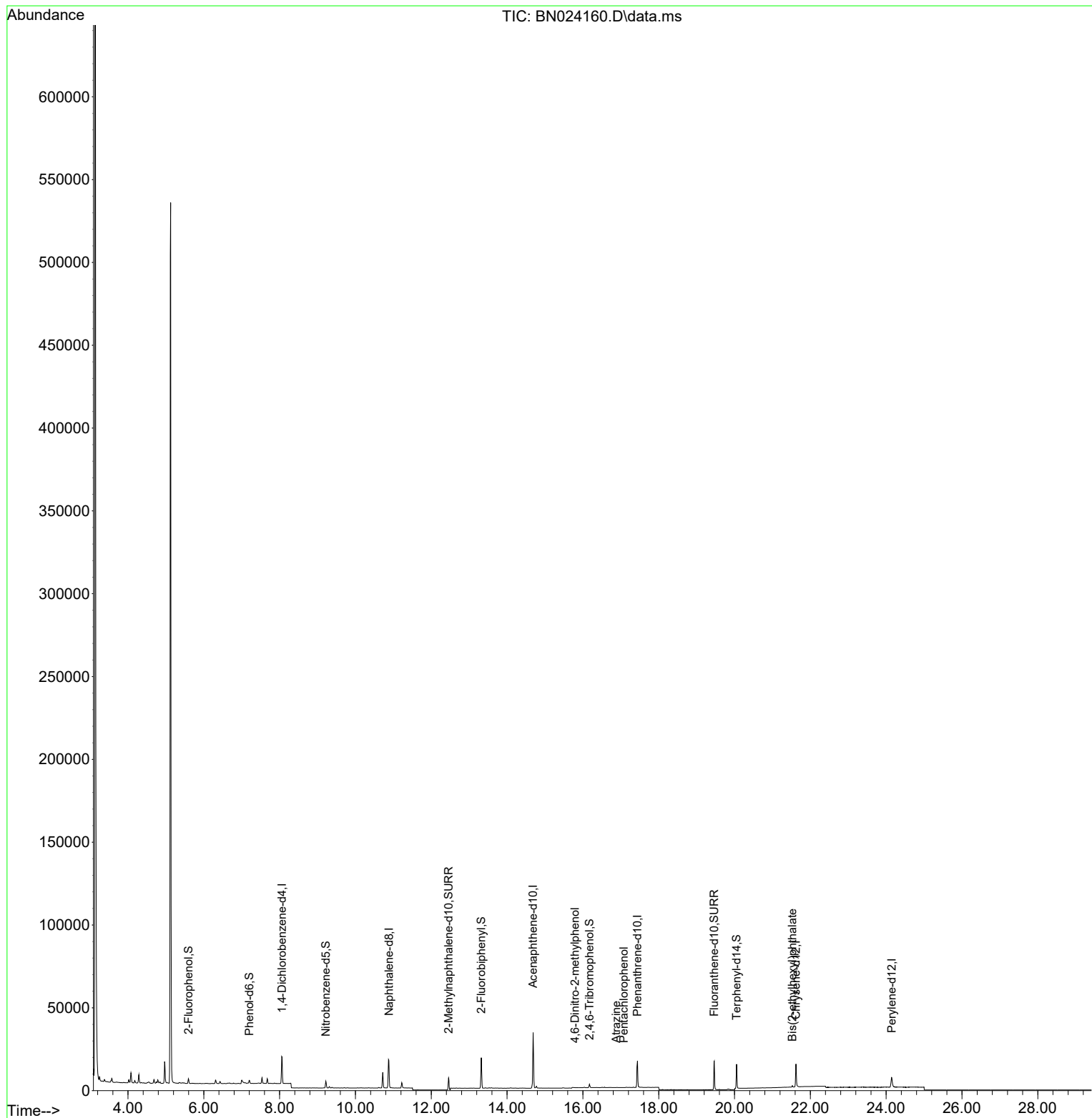
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	8231	0.400	ng	0.00
7) Naphthalene-d8	10.883	136	23599	0.400	ng	0.00
13) Acenaphthene-d10	14.688	164	12457	0.400	ng	-0.01
19) Phenanthrene-d10	17.439	188	22057	0.400	ng	0.00
29) Chrysene-d12	21.620	240	13506	0.400	ng	0.00
35) Perylene-d12	24.145	264	10926	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	2213	0.128	ng	0.00
5) Phenol-d6	7.204	99	1653	0.074	ng	0.00
8) Nitrobenzene-d5	9.217	82	3235	0.299	ng	-0.01
11) 2-Methylnaphthalene-d10	12.458	152	11835	0.314	ng	0.00
14) 2,4,6-Tribromophenol	16.173	330	1150	0.223	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	15001	0.305	ng	0.00
27) Fluoranthene-d10	19.465	212	18362	0.411	ng	0.00
31) Terphenyl-d14	20.053	244	12216	0.511	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.788	198	3	0.173	ng	# 1
23) Atrazine	16.881	200	2	0.097	ng	# 1
24) Pentachlorophenol	17.079	266	14	0.159	ng	# 41
34) Bis(2-ethylhexyl)phtha...	21.522	149	1035	0.062	ng	# 96

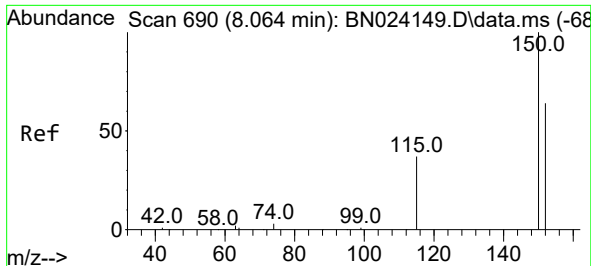
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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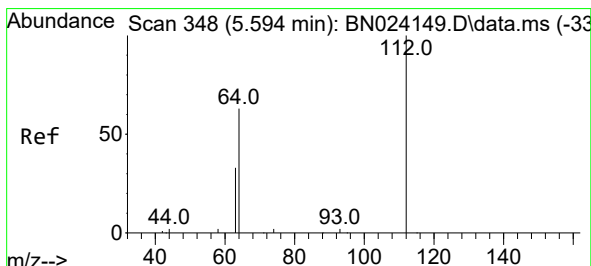
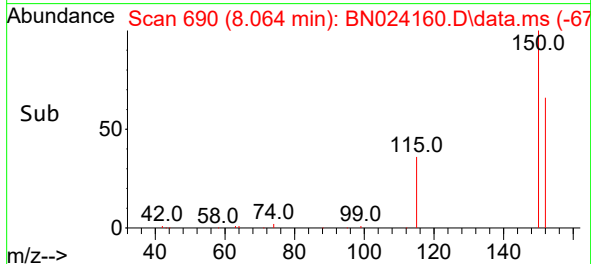
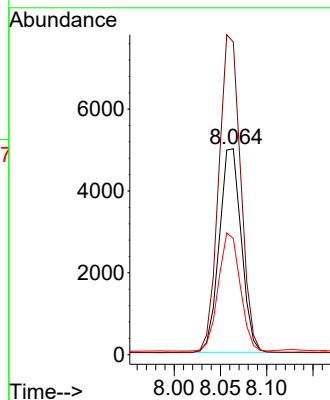
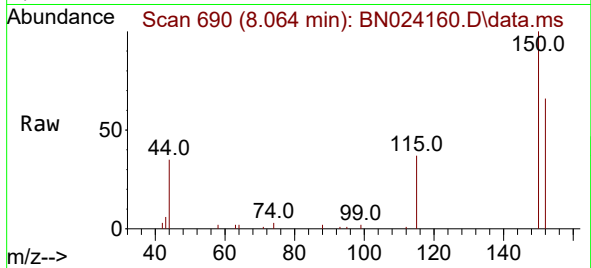




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.064 min Scan# 690
Delta R.T. -0.000 min
Lab File: BN024160.D
Acq: 08 Mar 2023 01:25

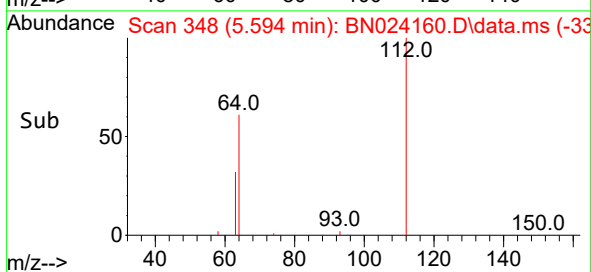
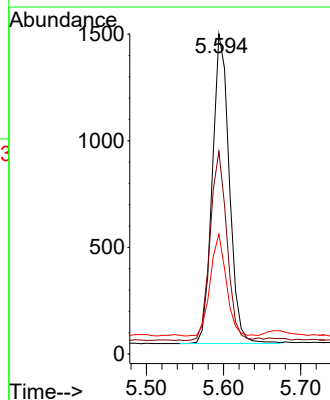
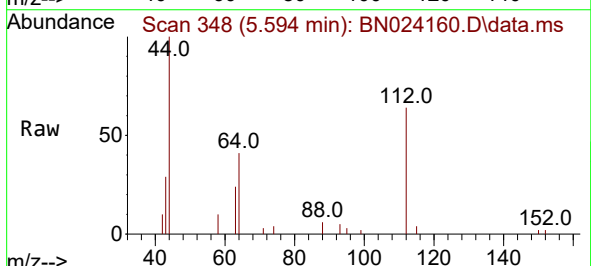
Instrument :
BNA_N
ClientSampleId :
SP-201-20230223

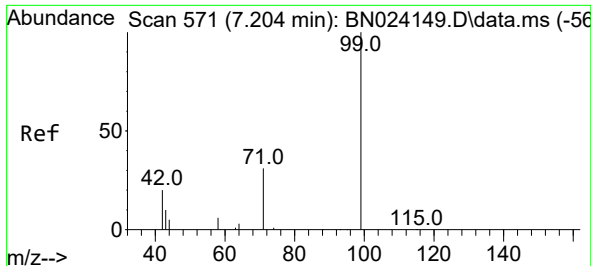
Tgt Ion:152 Resp: 8231
Ion Ratio Lower Upper
152 100
150 151.8 123.8 185.6
115 56.4 46.4 69.6



#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.594 min Scan# 348
Delta R.T. 0.000 min
Lab File: BN024160.D
Acq: 08 Mar 2023 01:25

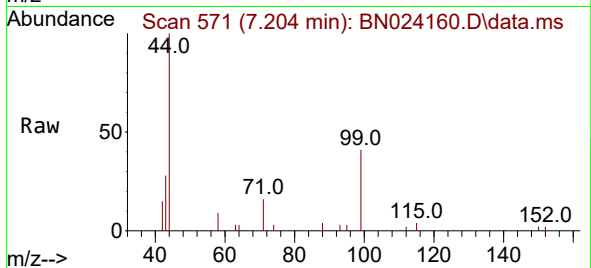
Tgt Ion:112 Resp: 2213
Ion Ratio Lower Upper
112 100
64 60.2 48.2 72.2
63 31.1 25.4 38.2



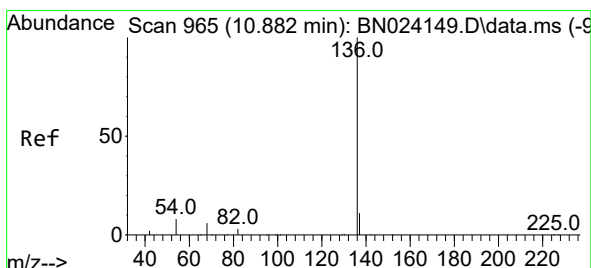
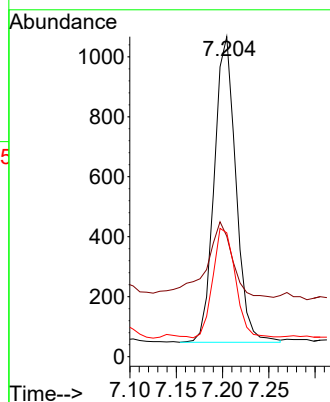
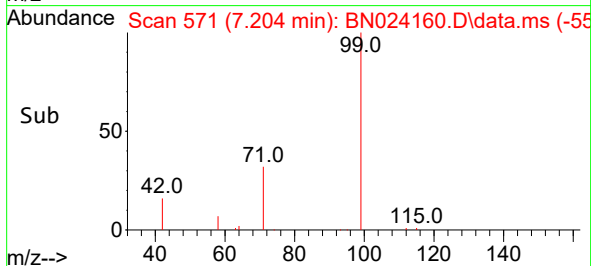


#5
Phenol-d6
Concen: 0.074 ng
RT: 7.204 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN024160.D
Acq: 08 Mar 2023 01:25

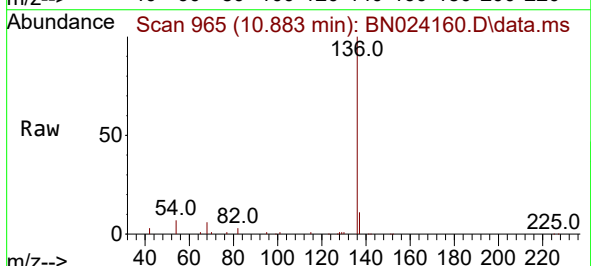
Instrument :
BNA_N
ClientSampleId :
SP-201-20230223



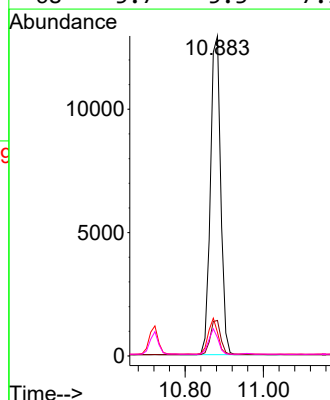
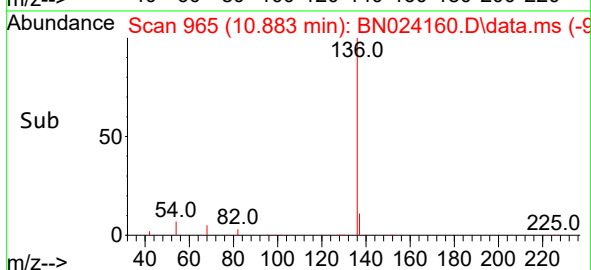
Tgt Ion: 99 Resp: 1653
Ion Ratio Lower Upper
99 100
42 31.1 19.2 28.8#
71 37.8 25.8 38.6

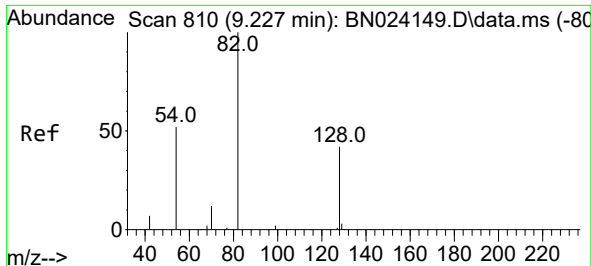


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.883 min Scan# 965
Delta R.T. 0.000 min
Lab File: BN024160.D
Acq: 08 Mar 2023 01:25



Tgt Ion: 136 Resp: 23599
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.3 6.8 10.2
68 5.7 5.3 7.9

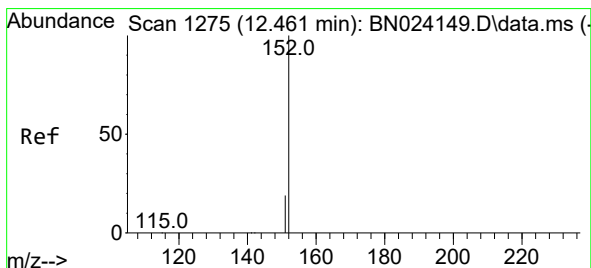
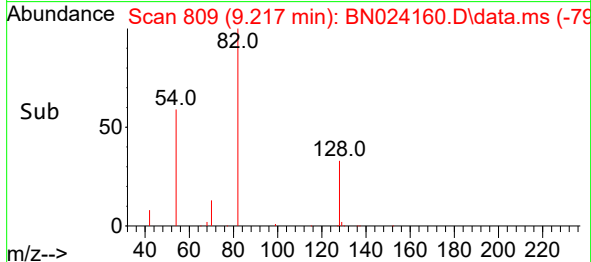
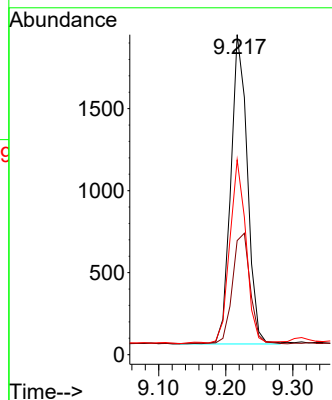
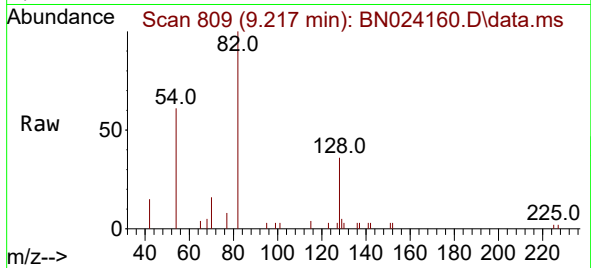




#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.010 min
Lab File: BN024160.D
Acq: 08 Mar 2023 01:25

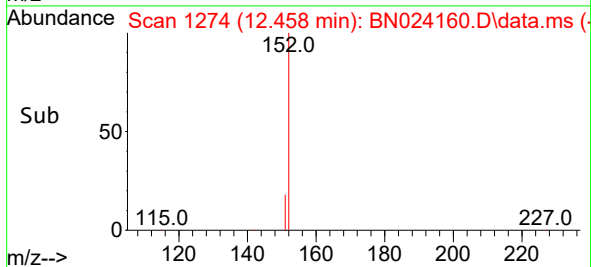
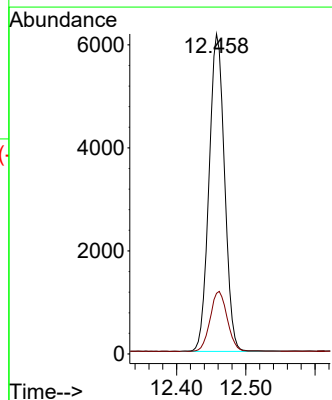
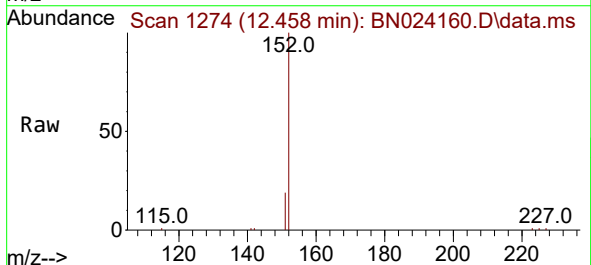
Instrument :
BNA_N
ClientSampleId :
SP-201-20230223

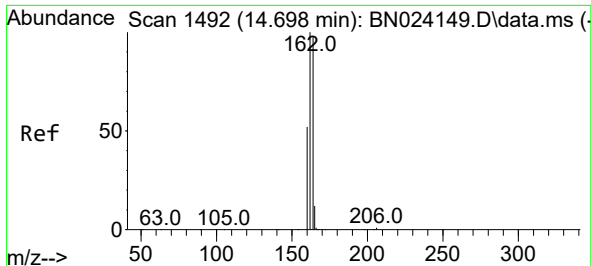
Tgt Ion: 82 Resp: 3235
Ion Ratio Lower Upper
82 100
128 35.6 34.5 51.7
54 60.9 42.8 64.2



#11
2-Methylnaphthalene-d10
Concen: 0.314 ng
RT: 12.458 min Scan# 1274
Delta R.T. -0.003 min
Lab File: BN024160.D
Acq: 08 Mar 2023 01:25

Tgt Ion: 152 Resp: 11835
Ion Ratio Lower Upper
152 100
151 23.0 17.8 26.6

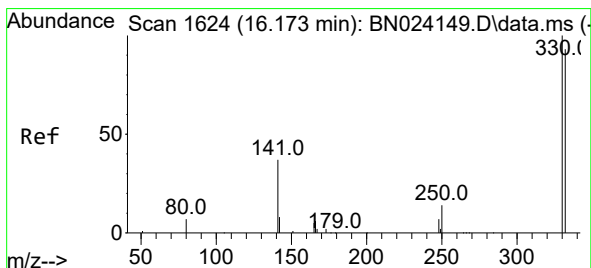
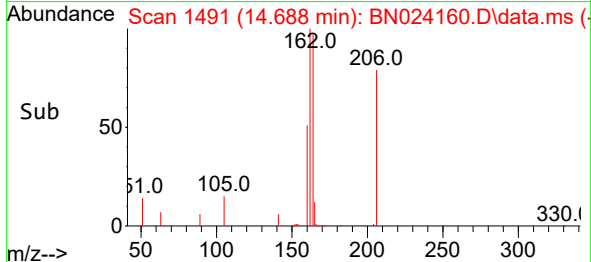
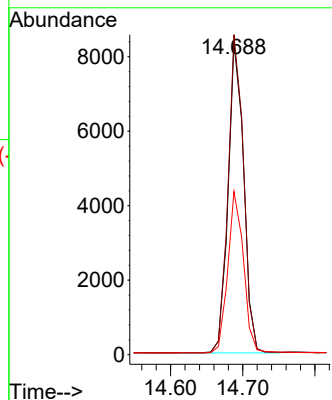
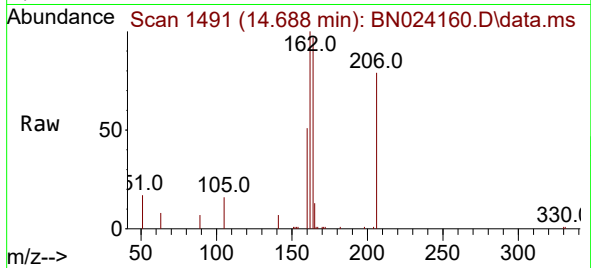




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.688 min Scan# 1491
Delta R.T. -0.010 min
Lab File: BN024160.D
Acq: 08 Mar 2023 01:25

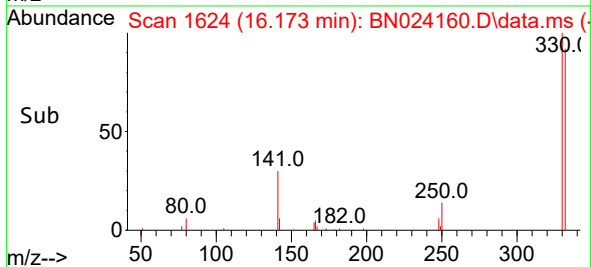
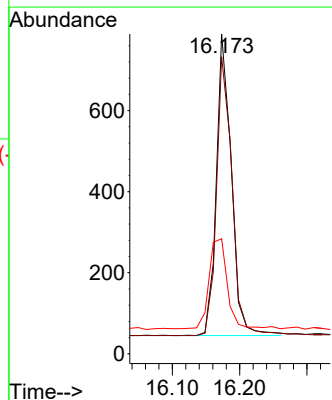
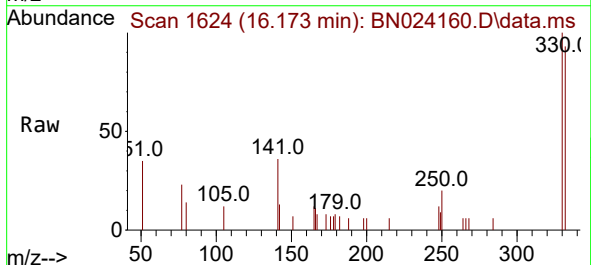
Instrument :
BNA_N
ClientSampleId :
SP-201-20230223

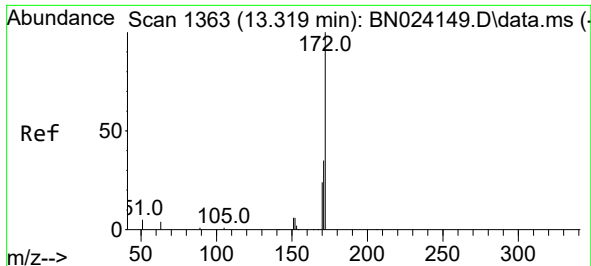
Tgt Ion:164 Resp: 12457
Ion Ratio Lower Upper
164 100
162 102.6 81.6 122.4
160 52.3 43.0 64.6



#14
2,4,6-Tribromophenol
Concen: 0.223 ng
RT: 16.173 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BN024160.D
Acq: 08 Mar 2023 01:25

Tgt Ion:330 Resp: 1150
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.2
141 36.3 28.9 43.3

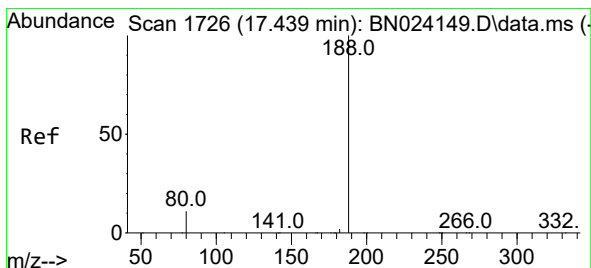
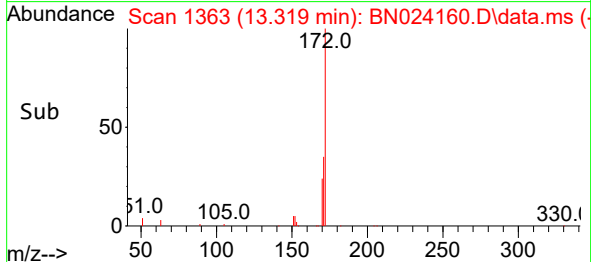
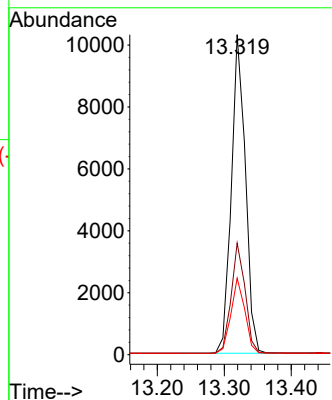
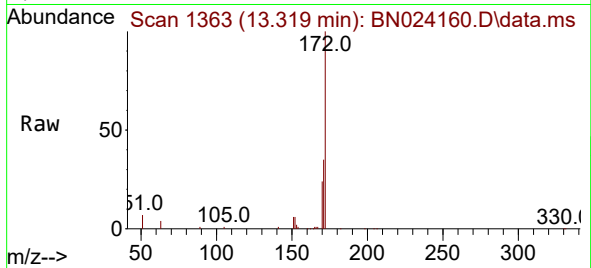




#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 13.319 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BN024160.D
Acq: 08 Mar 2023 01:25

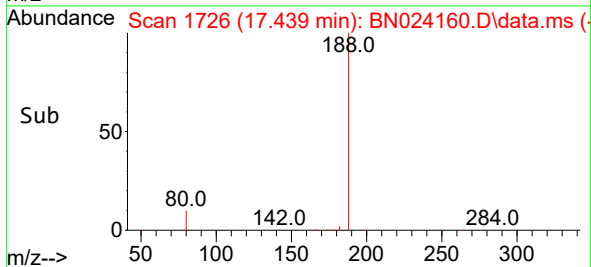
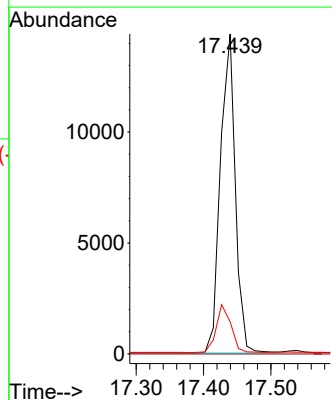
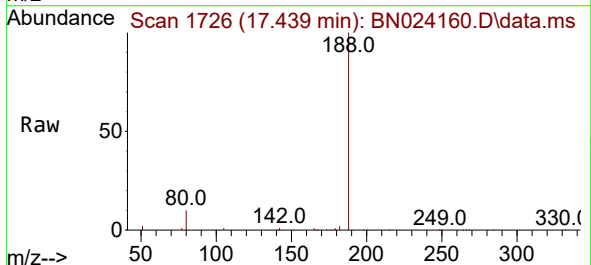
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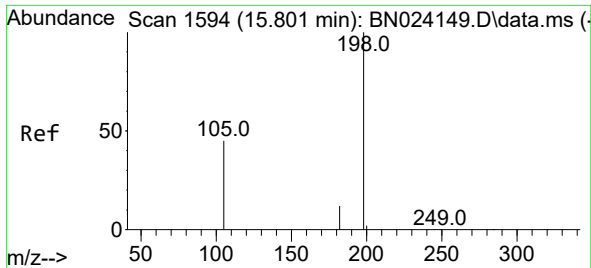
Tgt Ion:172 Resp: 15001
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.9 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BN024160.D
Acq: 08 Mar 2023 01:25

Tgt Ion:188 Resp: 22057
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 9.4 14.0

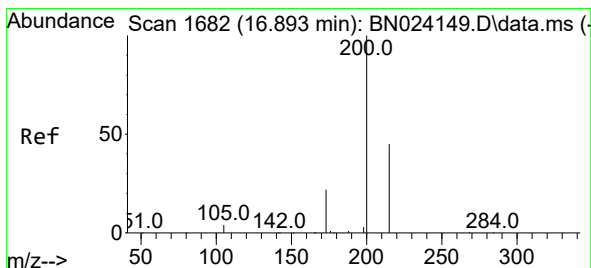
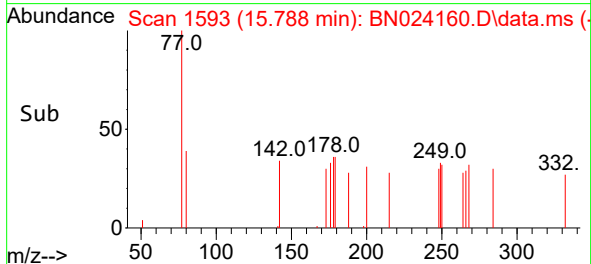
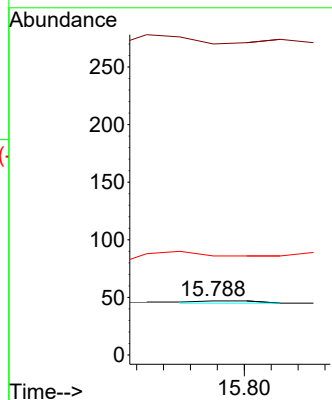
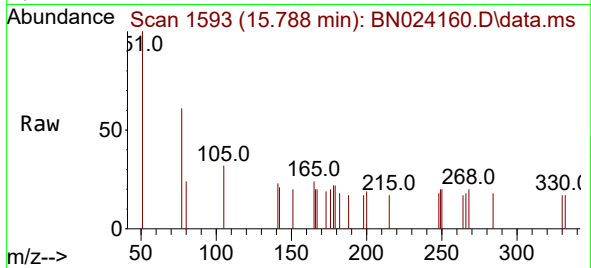




#20
4,6-Dinitro-2-methylphenol
Concen: 0.173 ng
RT: 15.788 min Scan# 1593
Delta R.T. -0.013 min
Lab File: BN024160.D
Acq: 08 Mar 2023 01:25

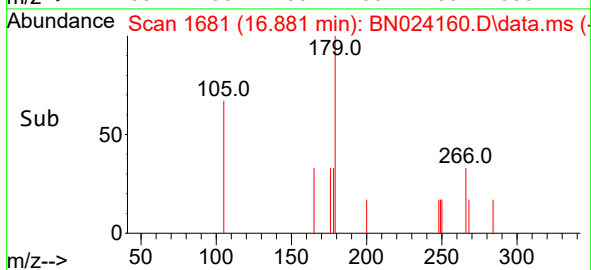
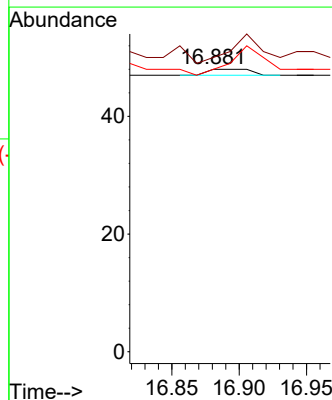
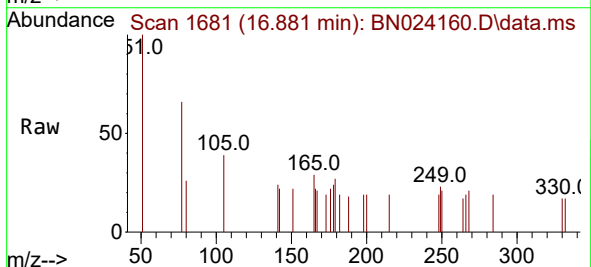
Instrument :
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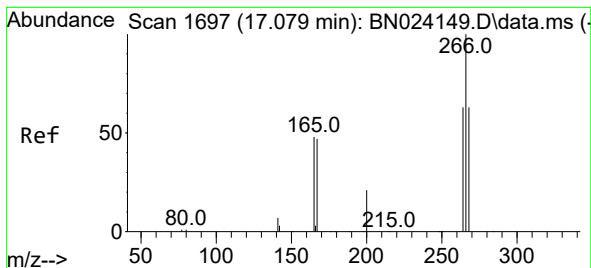
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 574.5 79.8 119.8#
105 183.0 48.8 73.2#



#23
Atrazine
Concen: 0.097 ng
RT: 16.881 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN024160.D
Acq: 08 Mar 2023 01:25

Tgt Ion:200 Resp: 2
Ion Ratio Lower Upper
200 100
173 104.2 19.8 29.6#
215 100.0 37.7 56.5#





#24

Pentachlorophenol

Concen: 0.159 ng

RT: 17.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024160.D

Acq: 08 Mar 2023 01:25

Instrument :

BNA_N

ClientSampleId :

SP-201-20230223

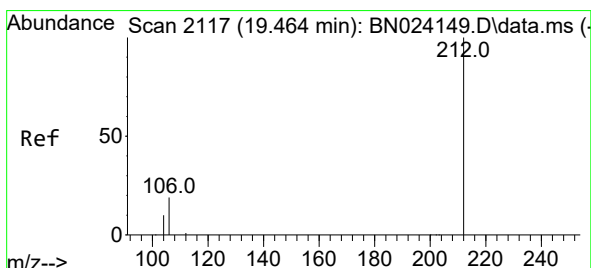
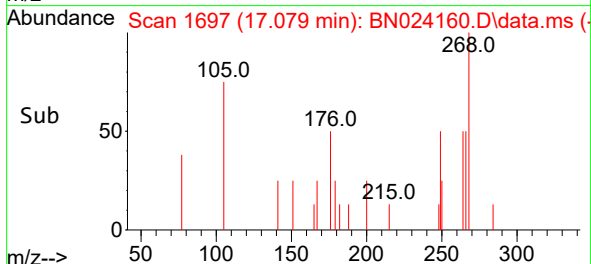
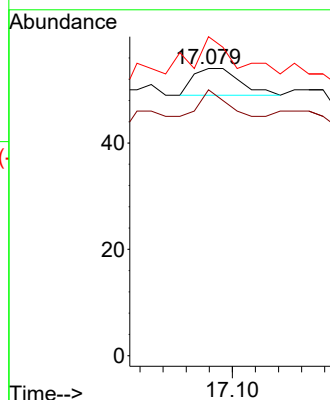
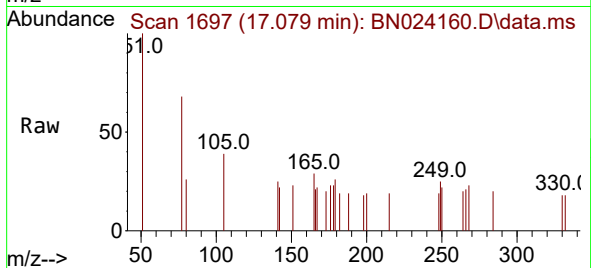
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 50.0 49.4 74.0

268 142.9 51.4 77.0#



#27

Fluoranthene-d10

Concen: 0.411 ng

RT: 19.465 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BN024160.D

Acq: 08 Mar 2023 01:25

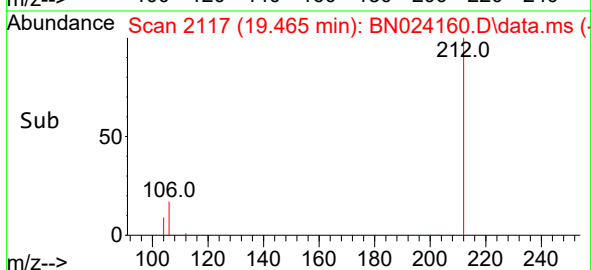
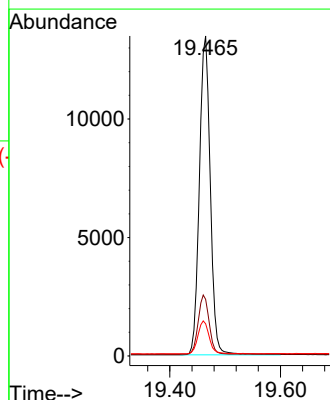
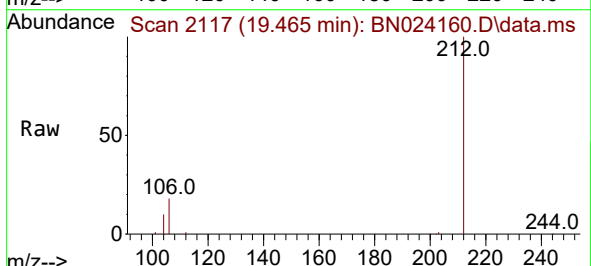
Tgt Ion:212 Resp: 18362

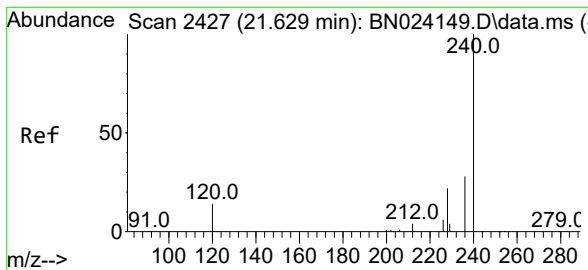
Ion Ratio Lower Upper

212 100

106 18.8 14.9 22.3

104 10.5 8.4 12.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.620 min Scan# 2426

Delta R.T. -0.009 min

Lab File: BN024160.D

Acq: 08 Mar 2023 01:25

Instrument :

BNA_N

ClientSampleId :

SP-201-20230223

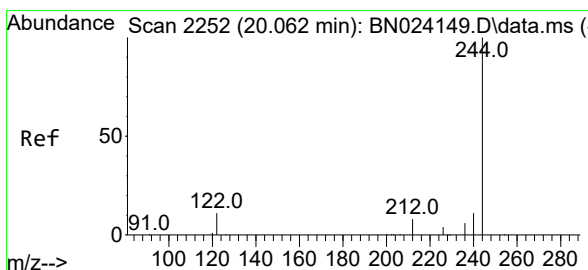
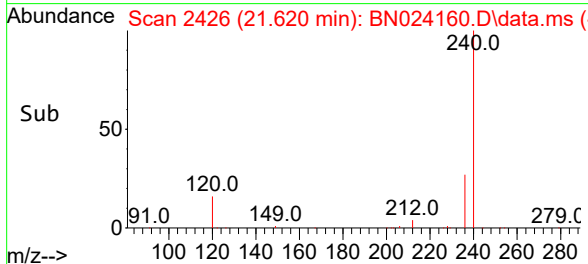
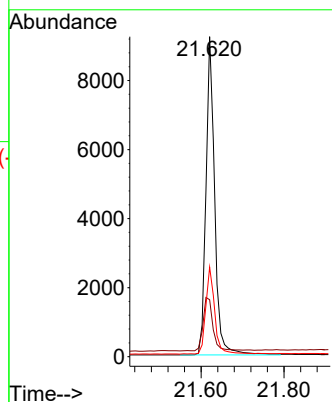
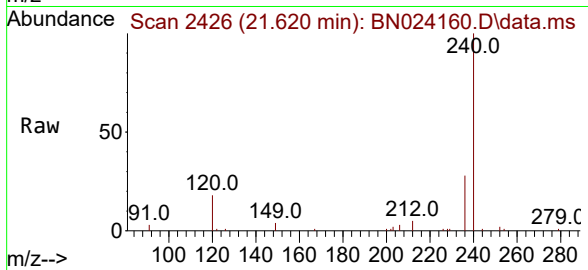
Tgt Ion:240 Resp: 13506

Ion Ratio Lower Upper

240 100

120 17.8 12.2 18.2

236 28.0 22.6 34.0



#31

Terphenyl-d14

Concen: 0.511 ng

RT: 20.053 min Scan# 2251

Delta R.T. -0.009 min

Lab File: BN024160.D

Acq: 08 Mar 2023 01:25

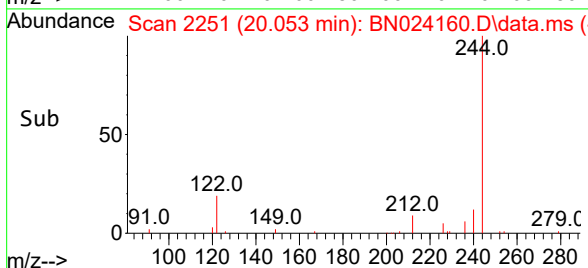
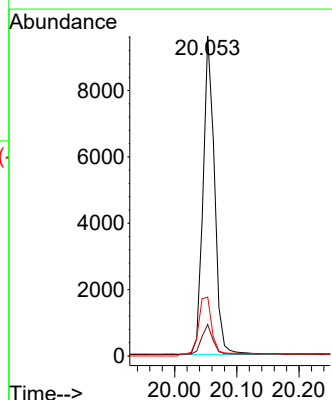
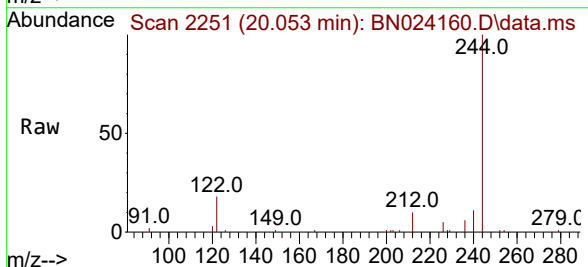
Tgt Ion:244 Resp: 12216

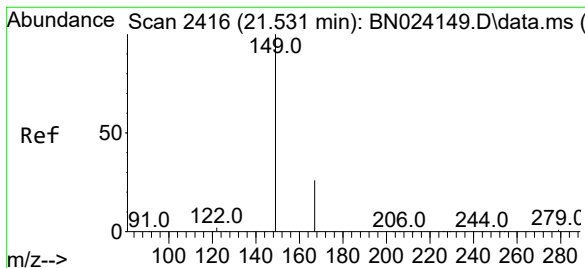
Ion Ratio Lower Upper

244 100

212 9.8 6.7 10.1

122 18.4 9.7 14.5#

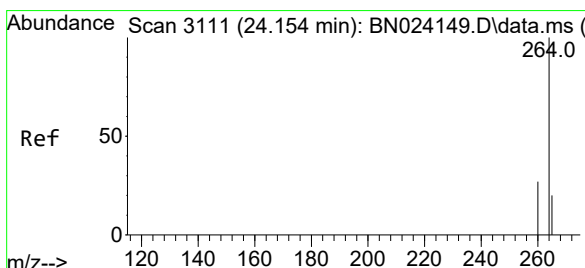
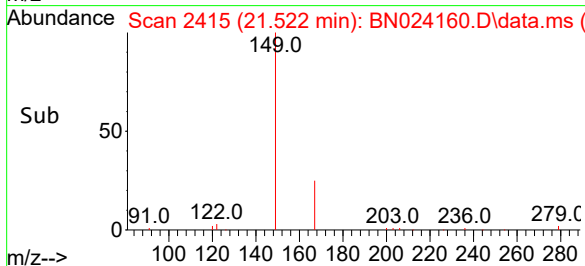
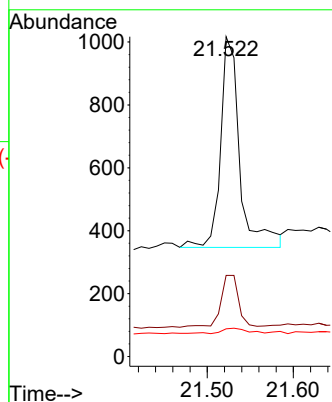
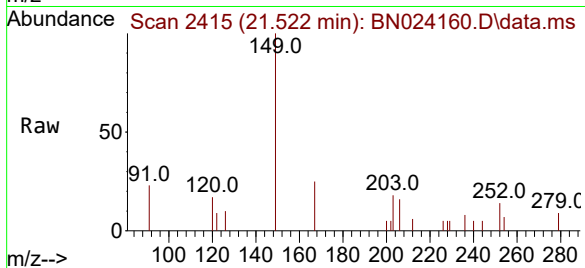




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.062 ng
 RT: 21.522 min Scan# 2416
 Delta R.T. -0.009 min
 Lab File: BN024160.D
 Acq: 08 Mar 2023 01:25

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20230223

Tgt Ion:149 Resp: 1035
 Ion Ratio Lower Upper
 149 100
 167 23.6 20.5 30.7
 279 3.8 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.145 min Scan# 3108
 Delta R.T. -0.008 min
 Lab File: BN024160.D
 Acq: 08 Mar 2023 01:25

Tgt Ion:264 Resp: 10926
 Ion Ratio Lower Upper
 264 100
 260 27.3 22.1 33.1
 265 49.3 35.4 53.0

