

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032423\
 Data File : BN024550.D
 Acq On : 24 Mar 2023 17:31
 Operator : CG/JU
 Sample : 01978-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230316

Quant Time: Mar 25 00:26:36 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 25 00:22:43 2023
 Response via : Initial Calibration

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

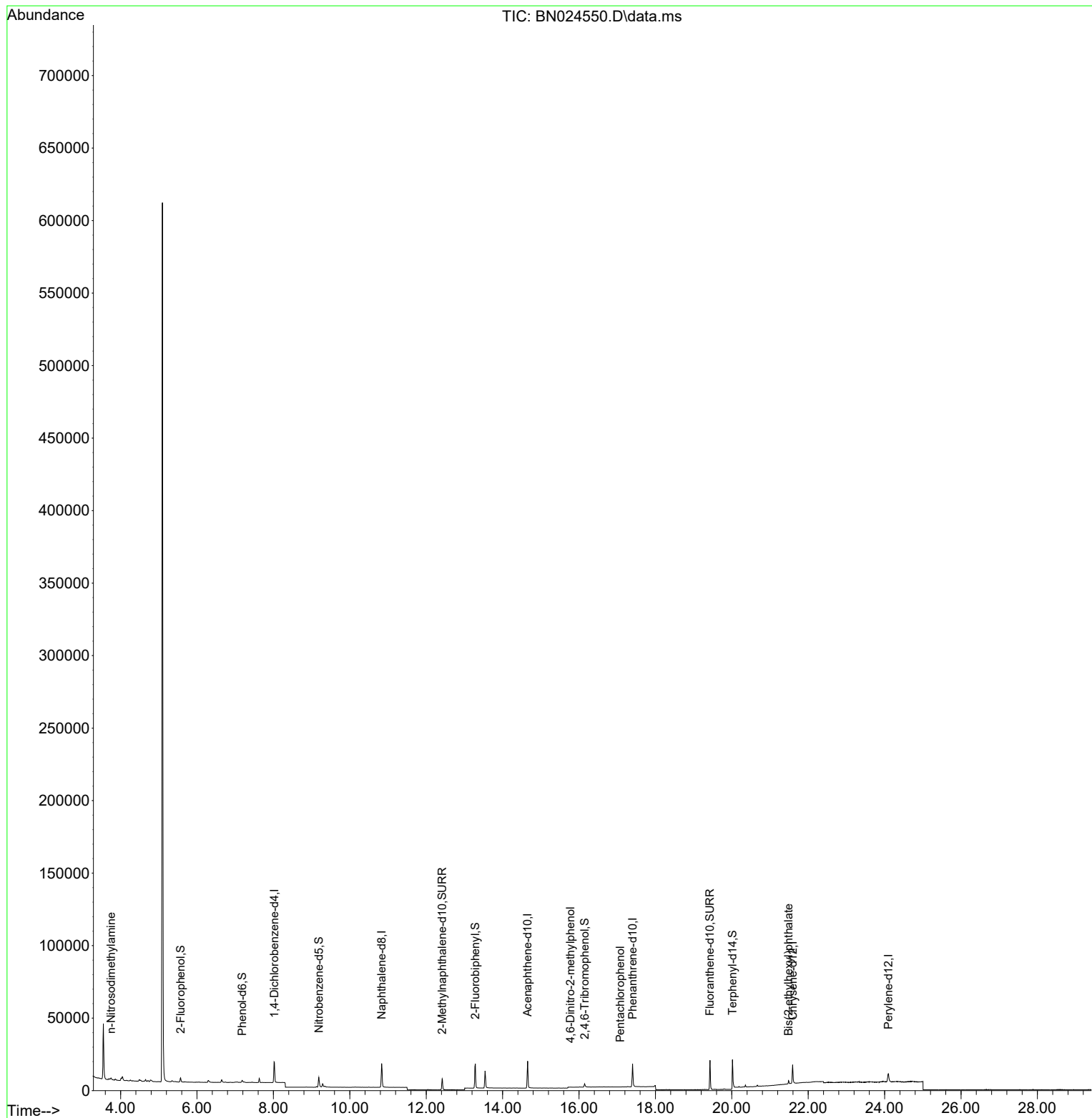
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	7561	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	21668	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	10783	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	22783	0.400	ng	0.00
29) Chrysene-d12	21.592	240	13189	0.400	ng	0.00
35) Perylene-d12	24.097	264	10491	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	2455	0.147	ng	0.00
5) Phenol-d6	7.181	99	1667	0.078	ng	0.00
8) Nitrobenzene-d5	9.190	82	6232	0.430	ng	0.00
11) 2-Methylnaphthalene-d10	12.418	152	10603	0.398	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	1583	0.287	ng	0.00
15) 2-Fluorobiphenyl	13.286	172	15854	0.389	ng	0.00
27) Fluoranthene-d10	19.429	212	22078	0.457	ng	0.00
31) Terphenyl-d14	20.016	244	13979	0.629	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.750	42	284	0.024	ng	# 8
20) 4,6-Dinitro-2-methylph...	15.774	198	7	0.180	ng	# 1
24) Pentachlorophenol	17.078	266	17	0.130	ng	# 18
34) Bis(2-ethylhexyl)phtha...	21.484	149	2719	0.131	ng	# 93

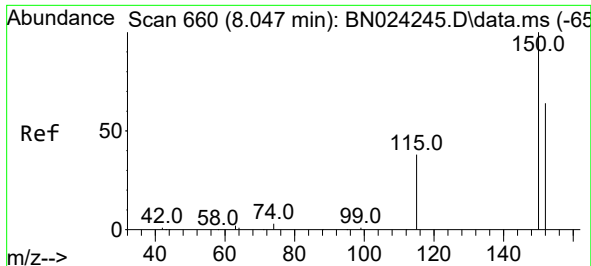
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 25 00:22:43 2023
Response via : Initial Calibration

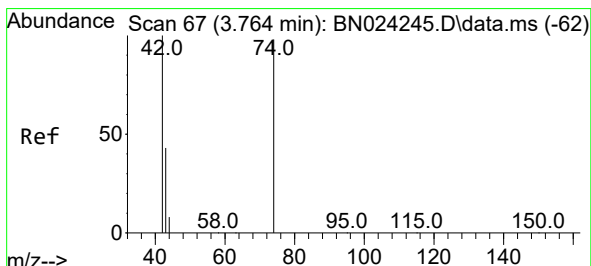
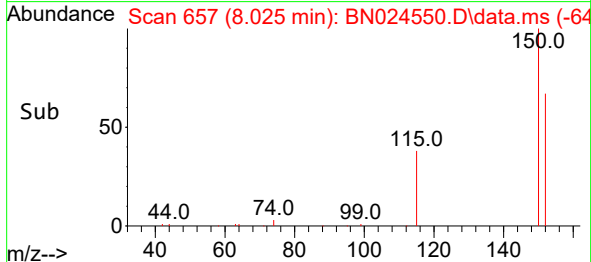
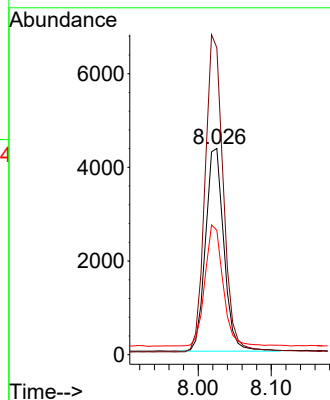
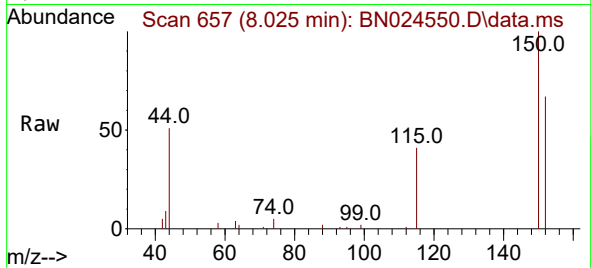




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.025 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN024550.D
Acq: 24 Mar 2023 17:31

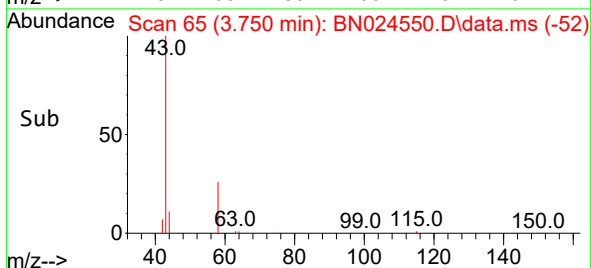
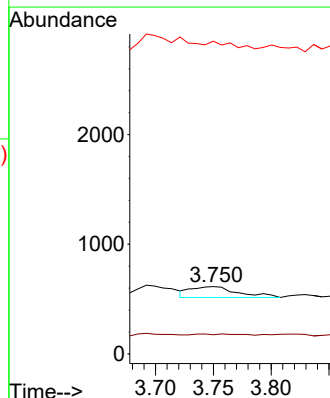
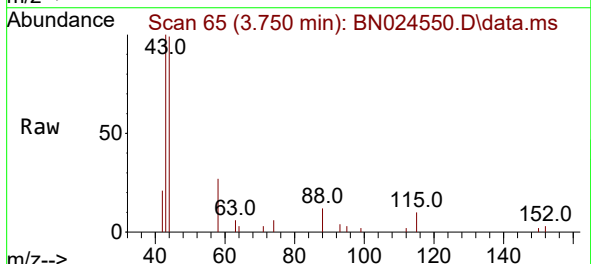
Instrument :
BNA_N
ClientSampleId :
SP-303-20230316

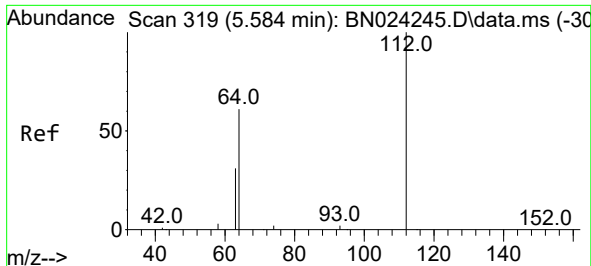
Tgt Ion:152 Resp: 7561
Ion Ratio Lower Upper
152 100
150 148.8 124.7 187.1
115 60.3 49.1 73.7



#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.750 min Scan# 65
Delta R.T. -0.007 min
Lab File: BN024550.D
Acq: 24 Mar 2023 17:31

Tgt Ion: 42 Resp: 284
Ion Ratio Lower Upper
42 100
74 2.8 81.6 122.4#
44 0.0 7.3 10.9#

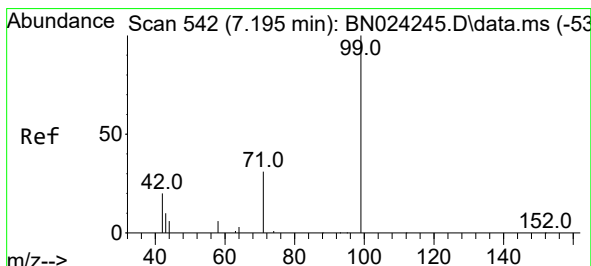
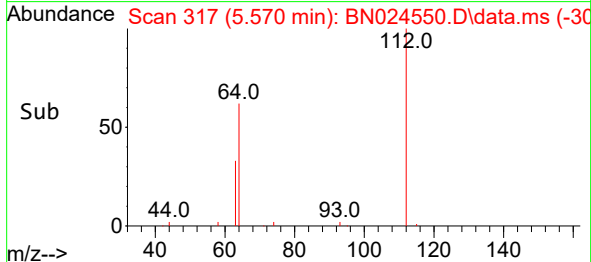
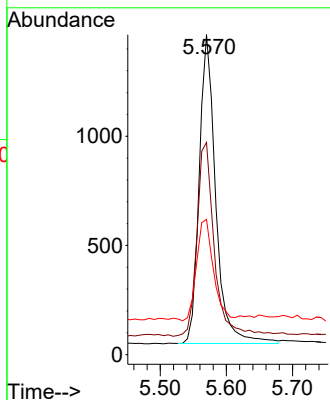
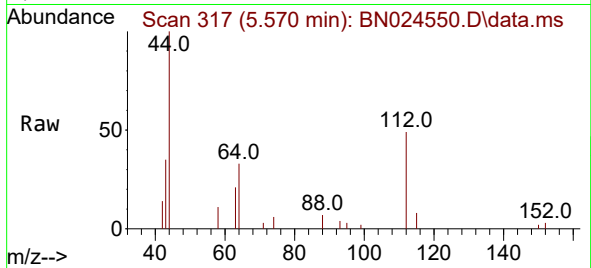




#4
2-Fluorophenol
Concen: 0.147 ng
RT: 5.570 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024550.D
Acq: 24 Mar 2023 17:31

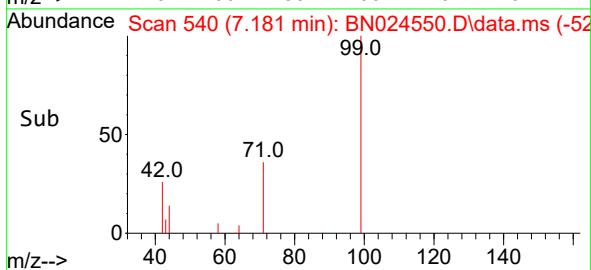
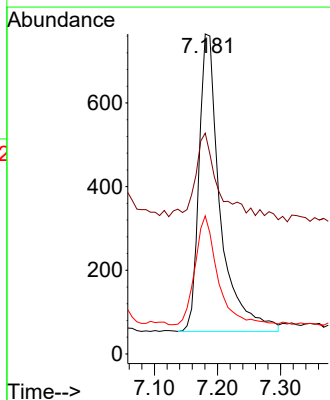
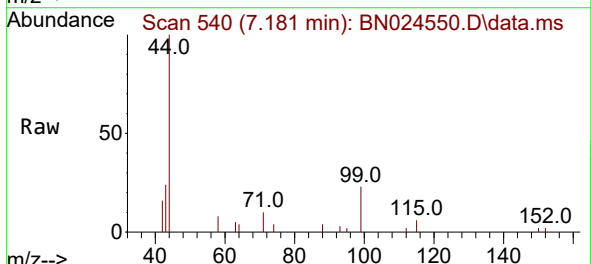
Instrument :
BNA_N
ClientSampleId :
SP-303-20230316

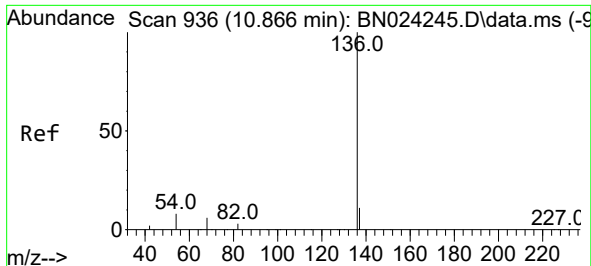
Tgt Ion:112 Resp: 2455
Ion Ratio Lower Upper
112 100
64 67.2 49.0 73.6
63 33.7 25.7 38.5



#5
Phenol-d6
Concen: 0.078 ng
RT: 7.181 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN024550.D
Acq: 24 Mar 2023 17:31

Tgt Ion: 99 Resp: 1667
Ion Ratio Lower Upper
99 100
42 33.8 20.1 30.1#
71 38.8 25.8 38.8#

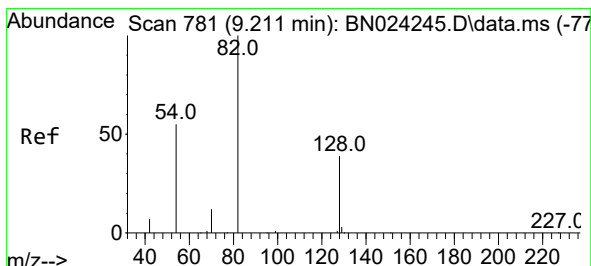
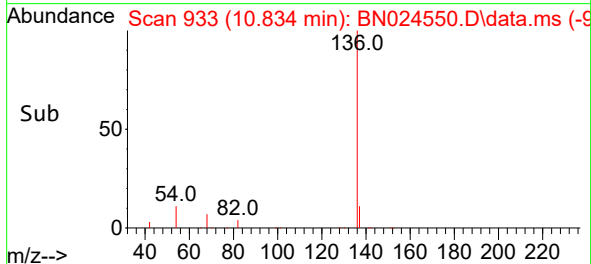
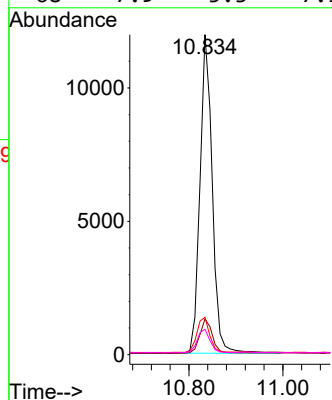
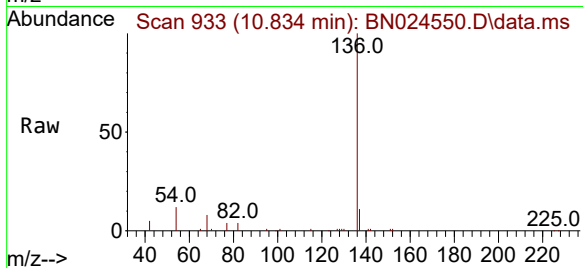




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.834 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024550.D
Acq: 24 Mar 2023 17:31

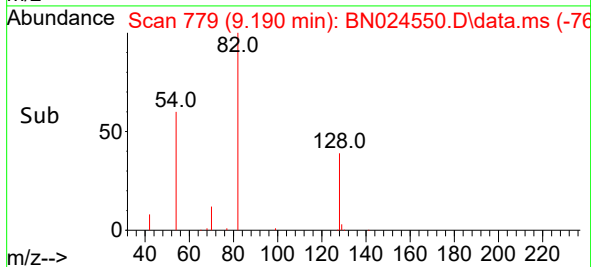
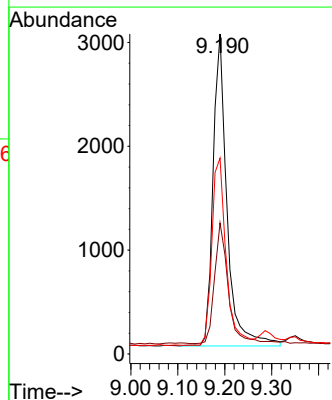
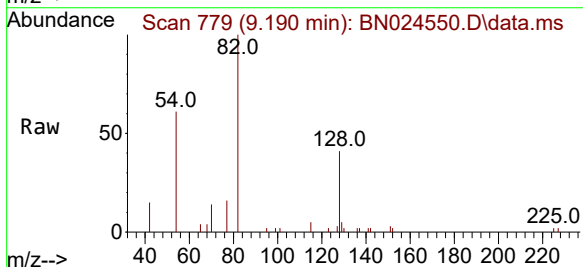
Instrument :
BNA_N
ClientSampleId :
SP-303-20230316

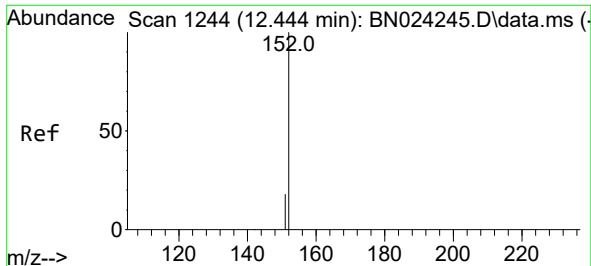
Tgt Ion:	136	Resp:	21668
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	11.7	7.1	10.7#
68	7.9	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.430 ng
RT: 9.190 min Scan# 779
Delta R.T. 0.000 min
Lab File: BN024550.D
Acq: 24 Mar 2023 17:31

Tgt Ion:	82	Resp:	6232
Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.4	48.6
54	61.2	45.2	67.8





#11

2-Methylnaphthalene-d10

Concen: 0.398 ng

RT: 12.418 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024550.D

Acq: 24 Mar 2023 17:31

Instrument :

BNA_N

ClientSampleId :

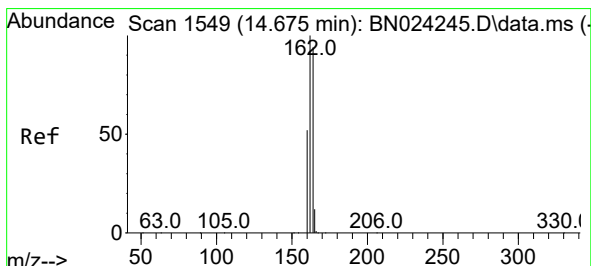
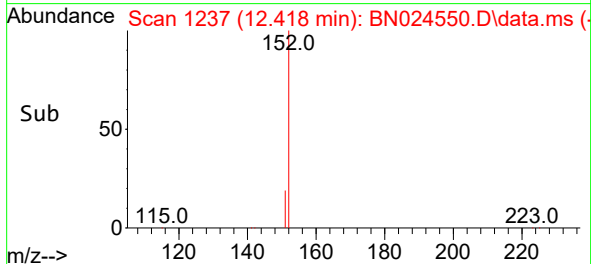
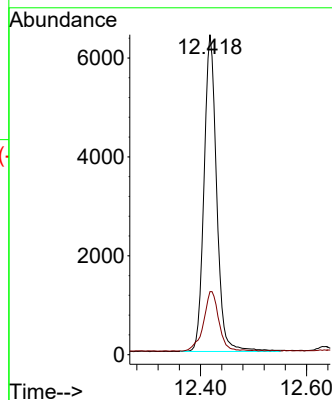
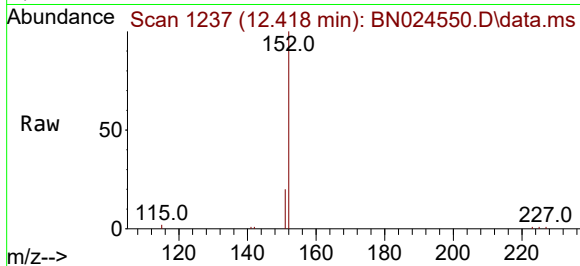
SP-303-20230316

Tgt Ion:152 Resp: 10603

Ion Ratio Lower Upper

152 100

151 22.6 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.654 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BN024550.D

Acq: 24 Mar 2023 17:31

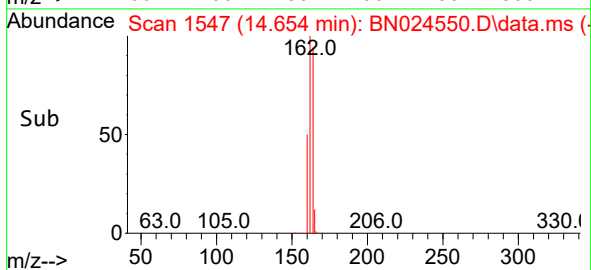
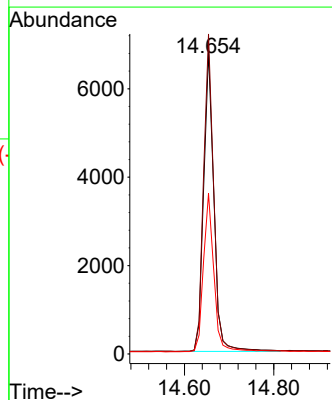
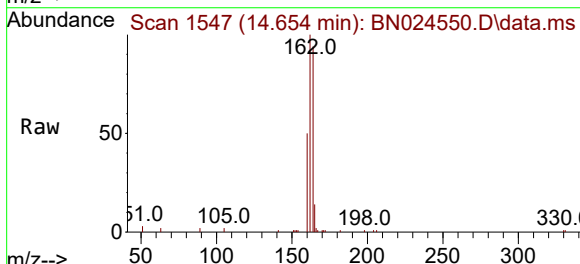
Tgt Ion:164 Resp: 10783

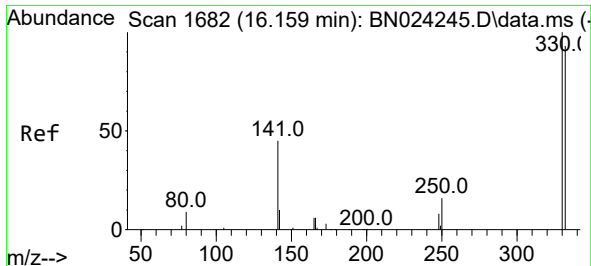
Ion Ratio Lower Upper

164 100

162 106.0 84.7 127.1

160 53.1 44.6 66.8

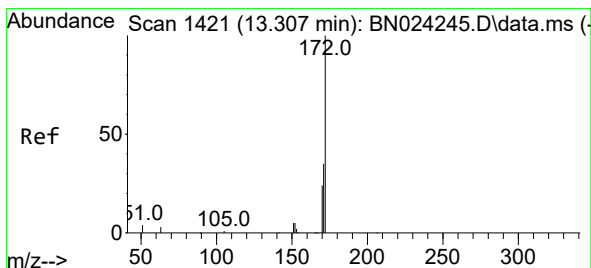
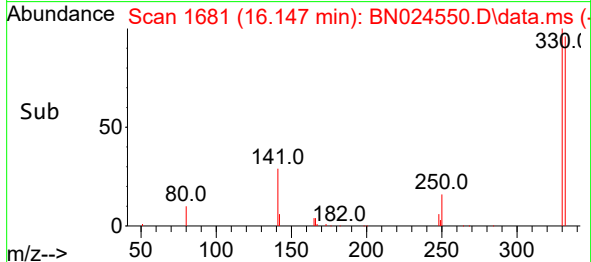
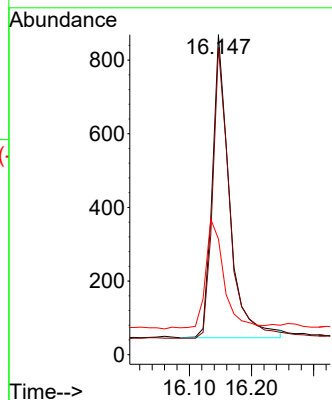
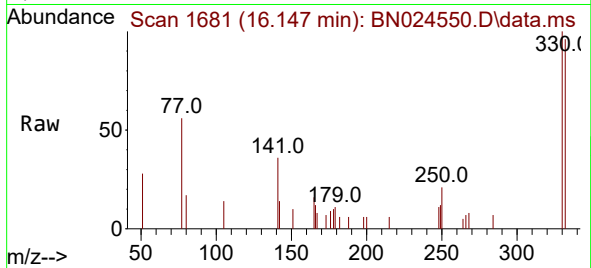




#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 16.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024550.D
Acq: 24 Mar 2023 17:31

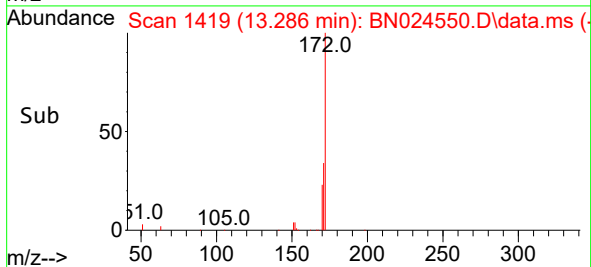
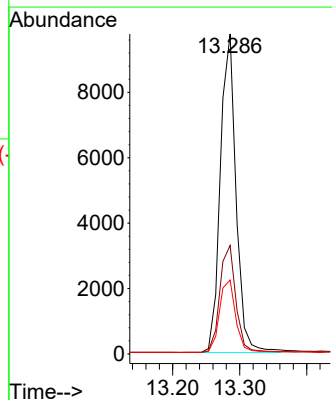
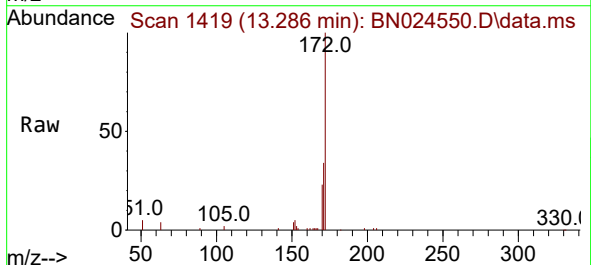
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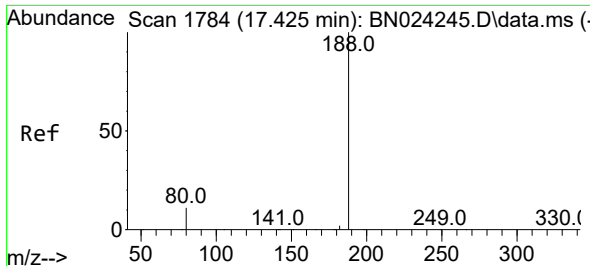
Tgt Ion:330 Resp: 1583
Ion Ratio Lower Upper
330 100
332 95.1 78.0 117.0
141 37.3 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.286 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BN024550.D
Acq: 24 Mar 2023 17:31

Tgt Ion:172 Resp: 15854
Ion Ratio Lower Upper
172 100
171 33.9 27.8 41.8
170 23.1 19.0 28.6

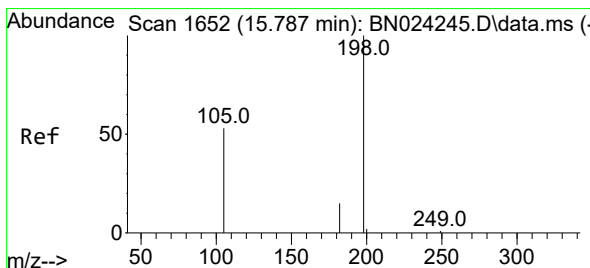
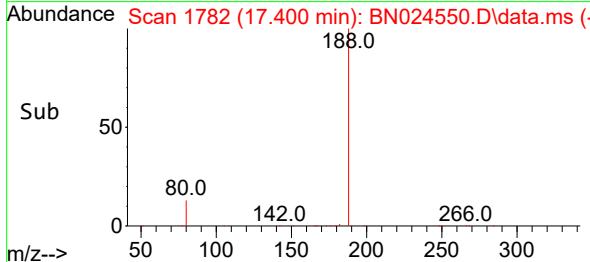
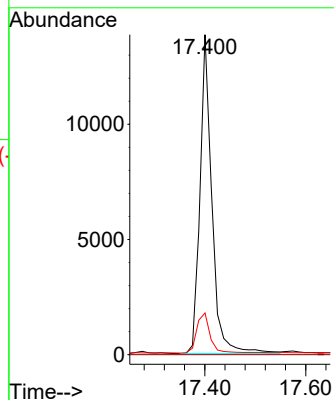
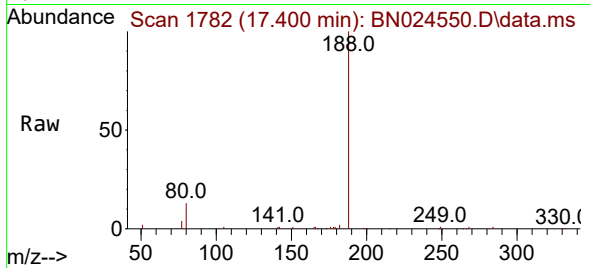




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024550.D
Acq: 24 Mar 2023 17:31

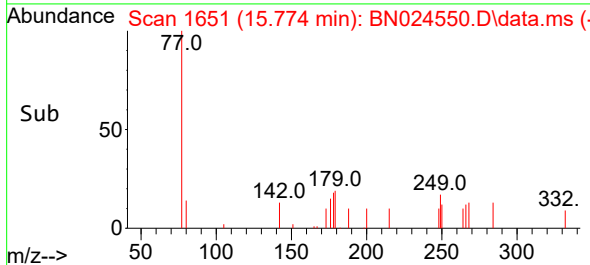
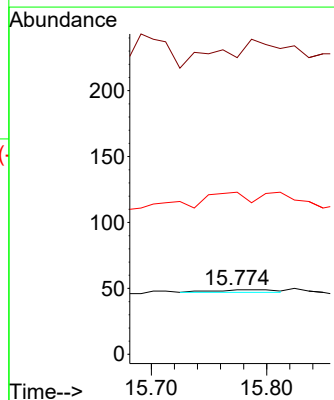
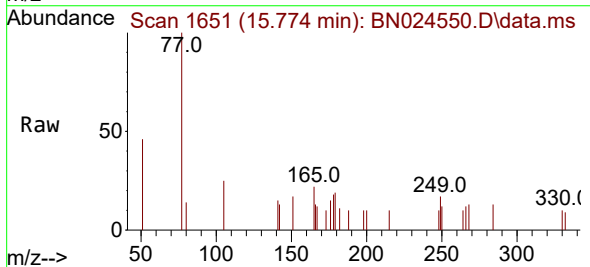
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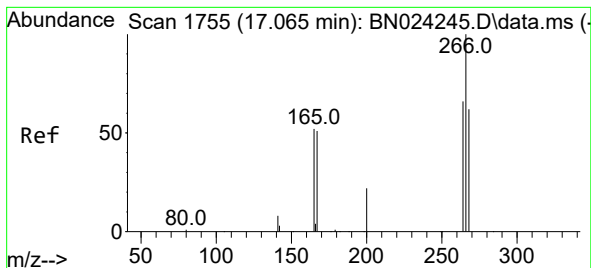
Tgt Ion:188 Resp: 22783
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 8.9 13.3



#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.774 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BN024550.D
Acq: 24 Mar 2023 17:31

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 459.2 68.2 102.2#
105 251.0 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.130 ng

RT: 17.078 min Scan# 17

Delta R.T. 0.025 min

Lab File: BN024550.D

Acq: 24 Mar 2023 17:31

Instrument :

BNA_N

ClientSampleId :

SP-303-20230316

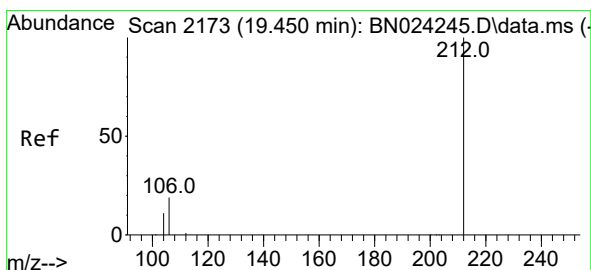
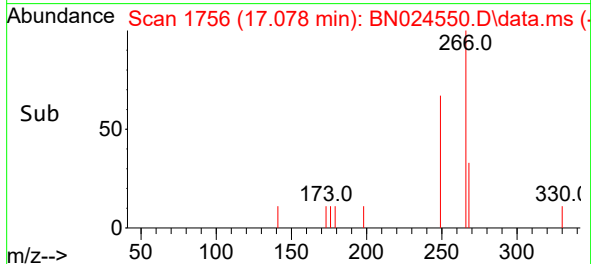
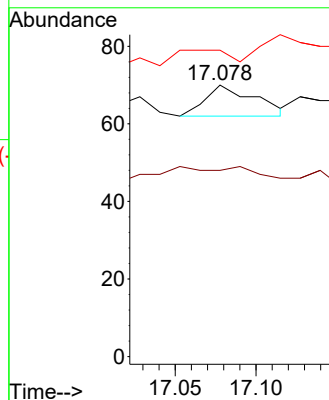
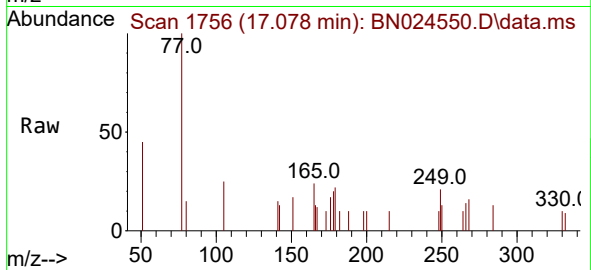
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

264 0.0 51.1 76.7#

268 0.0 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.457 ng

RT: 19.429 min Scan# 2168

Delta R.T. 0.000 min

Lab File: BN024550.D

Acq: 24 Mar 2023 17:31

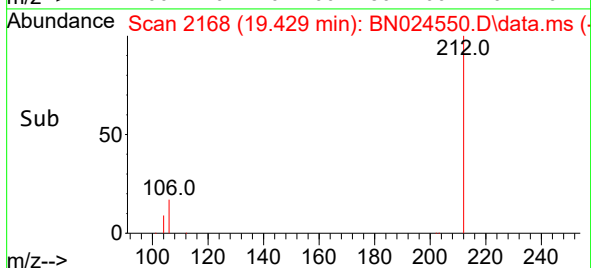
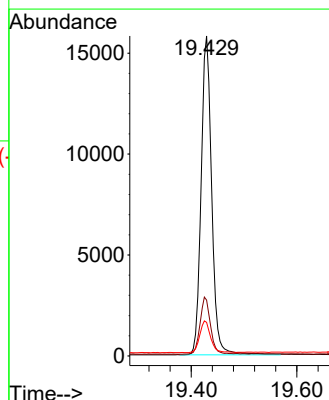
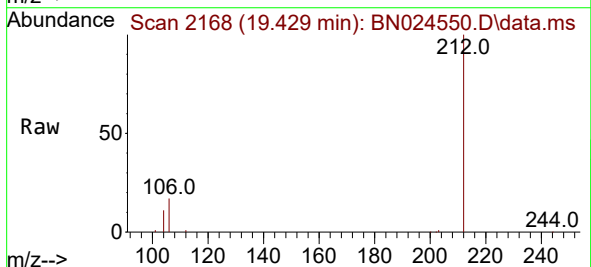
Tgt Ion:212 Resp: 22078

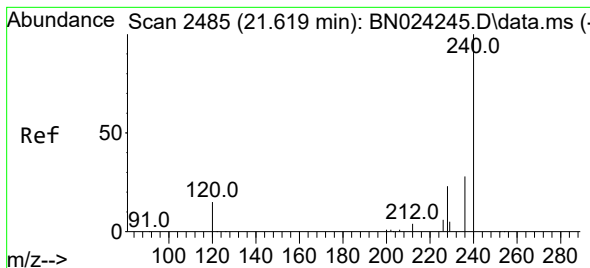
Ion Ratio Lower Upper

212 100

106 17.7 15.4 23.2

104 10.2 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.592 min Scan# 2485

Delta R.T. 0.000 min

Lab File: BN024550.D

Acq: 24 Mar 2023 17:31

Instrument :

BNA_N

ClientSampleId :

SP-303-20230316

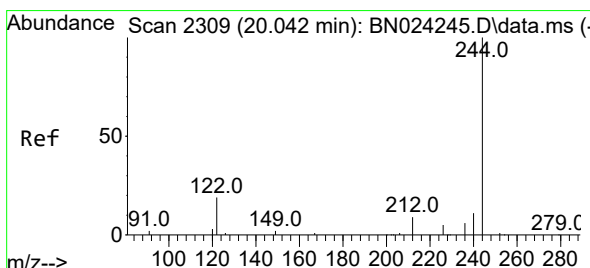
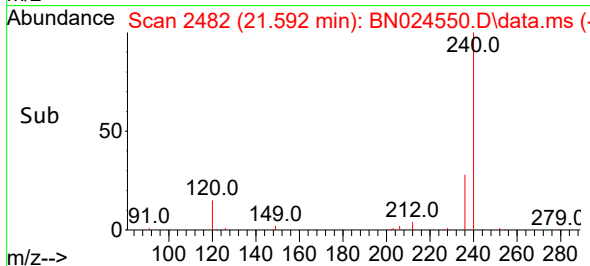
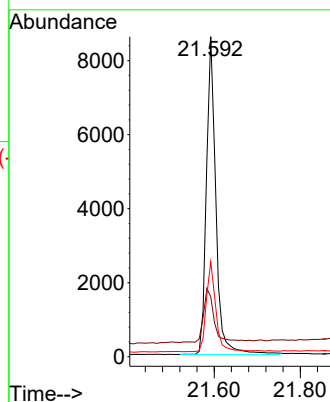
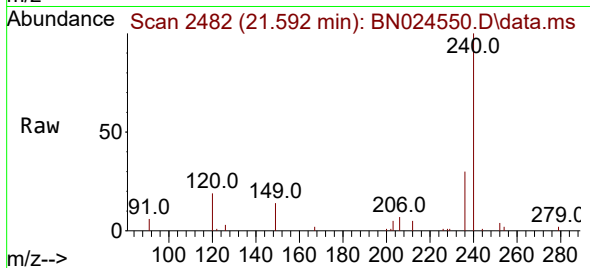
Tgt Ion:240 Resp: 13189

Ion Ratio Lower Upper

240 100

120 18.7 12.8 19.2

236 29.7 22.5 33.7



#31

Terphenyl-d14

Concen: 0.629 ng

RT: 20.016 min Scan# 2306

Delta R.T. 0.000 min

Lab File: BN024550.D

Acq: 24 Mar 2023 17:31

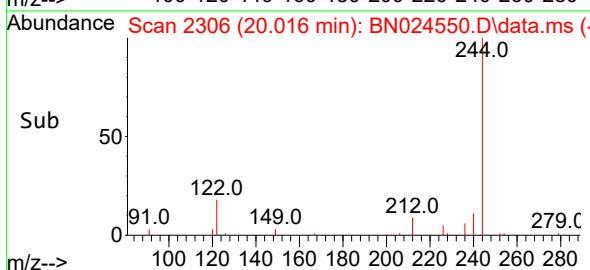
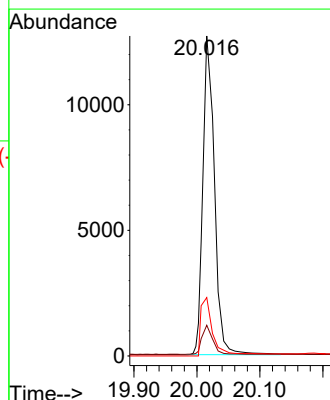
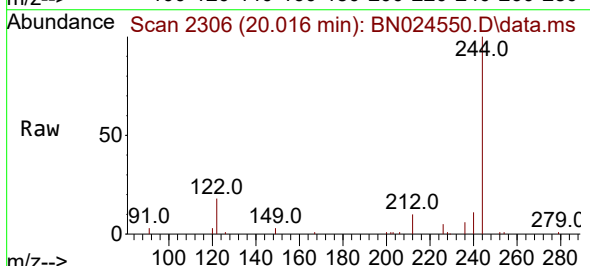
Tgt Ion:244 Resp: 13979

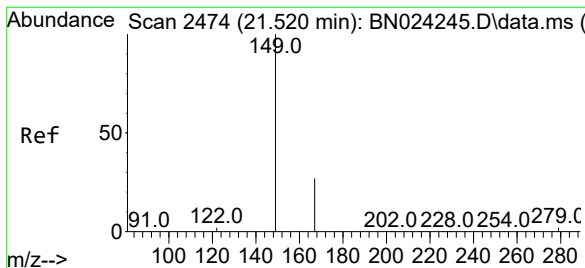
Ion Ratio Lower Upper

244 100

212 9.6 7.6 11.4

122 18.3 15.1 22.7

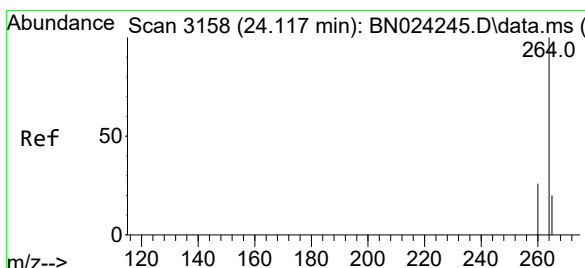
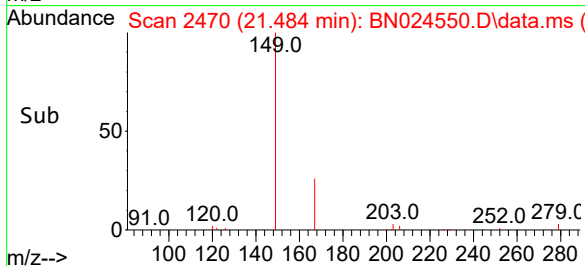
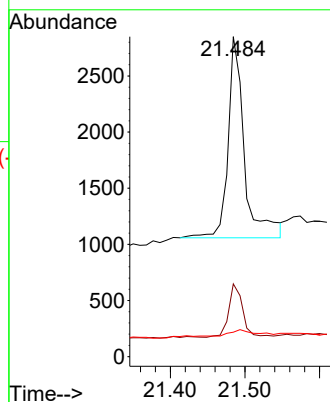
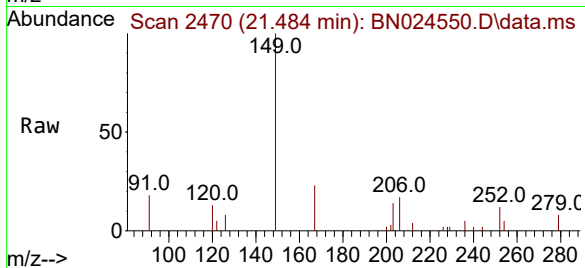




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.131 ng
RT: 21.484 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BN024550.D
Acq: 24 Mar 2023 17:31

Instrument :
BNA_N
ClientSampleId :
SP-303-20230316

Tgt Ion:149 Resp: 2719
Ion Ratio Lower Upper
149 100
167 23.1 21.2 31.8
279 4.9 1.8 2.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.097 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BN024550.D
Acq: 24 Mar 2023 17:31

Tgt Ion:264 Resp: 10491
Ion Ratio Lower Upper
264 100
260 26.3 21.4 32.2
265 114.3 35.7 53.5#

