

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050823\
 Data File : BN025356.D
 Acq On : 09 May 2023 06:19
 Operator : CG/JU
 Sample : 02644-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20230504

Quant Time: May 09 07:11:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 06:15:50 2023
 Response via : Initial Calibration

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

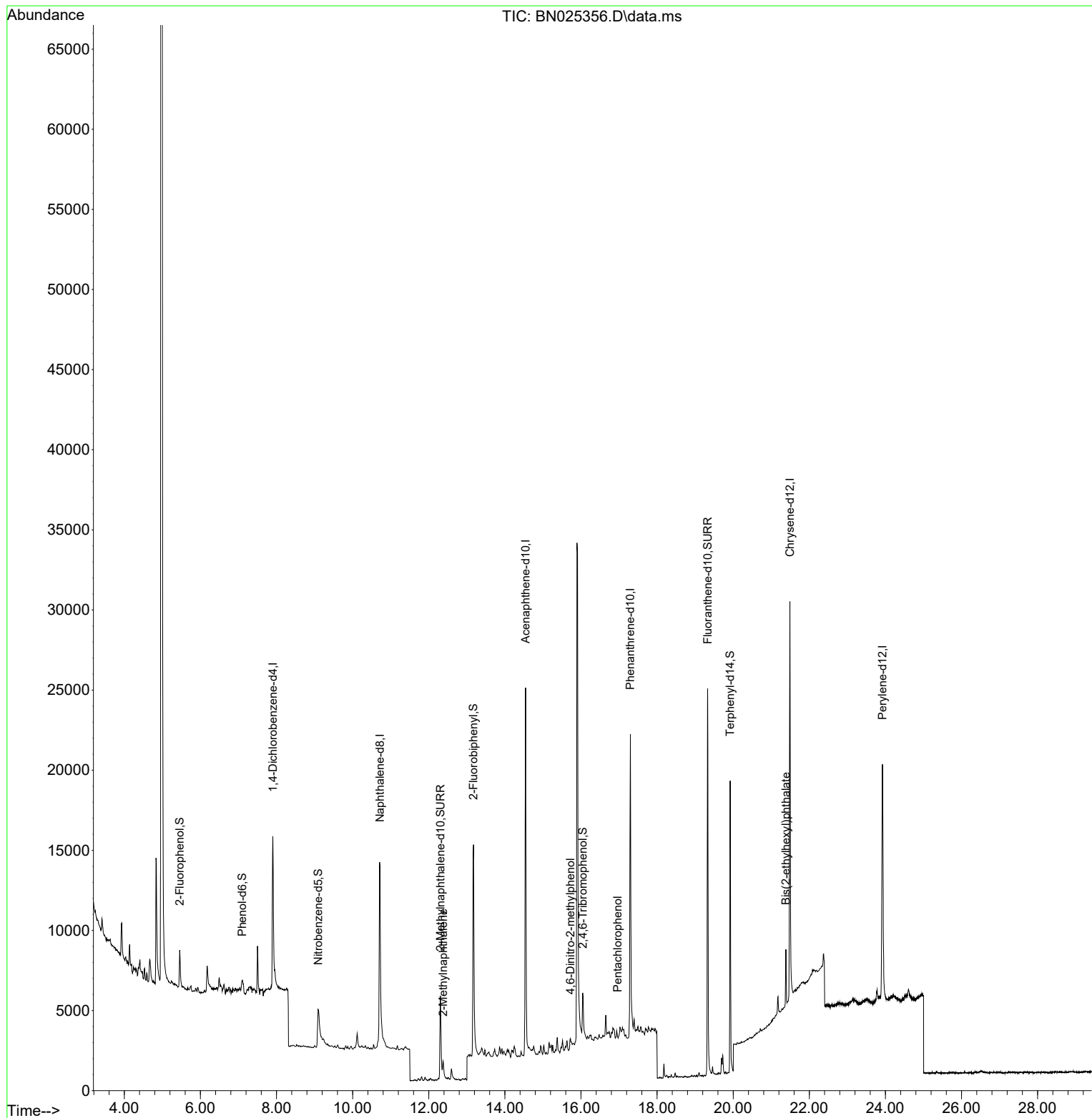
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	6763	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	21749	0.400	ng	0.01
13) Acenaphthene-d10	14.544	164	13793	0.400	ng	0.00
19) Phenanthrene-d10	17.299	188	29084	0.400	ng	0.00
29) Chrysene-d12	21.491	240	25677	0.400	ng	0.00
35) Perylene-d12	23.922	264	23239	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.456	112	2395	0.145	ng	0.00
5) Phenol-d6	7.095	99	1465	0.071	ng	0.02
8) Nitrobenzene-d5	9.095	82	4729	0.264	ng	0.02
11) 2-Methylnaphthalene-d10	12.306	152	10693	0.360	ng	0.00
14) 2,4,6-Tribromophenol	16.045	330	2191	0.311	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	15798	0.334	ng	0.00
27) Fluoranthene-d10	19.330	212	29004	0.403	ng	0.00
31) Terphenyl-d14	19.920	244	23959	0.463	ng	0.00
Target Compounds						Qvalue
12) 2-Methylnaphthalene	12.377	142	896	0.023	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.722	198	2	0.281	ng	# 1
24) Pentachlorophenol	16.963	266	21	0.269	ng	# 47
34) Bis(2-ethylhexyl)phtha...	21.383	149	3514	0.052	ng	# 96

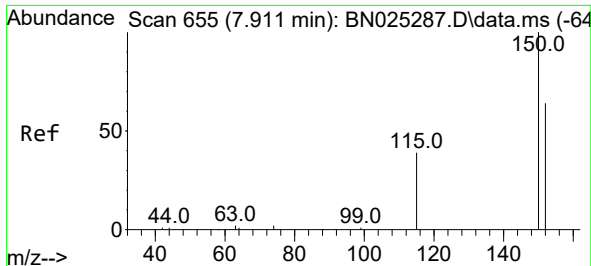
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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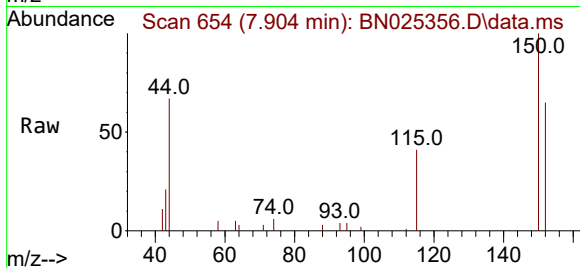
Quant Time: May 09 07:11:40 2023
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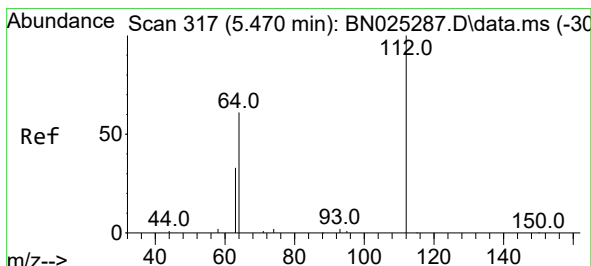
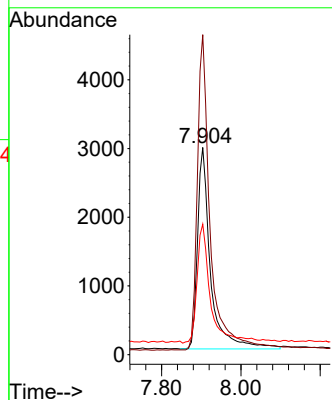
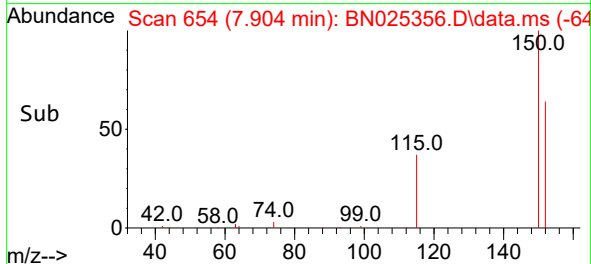


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025356.D
Acq: 09 May 2023 06:19

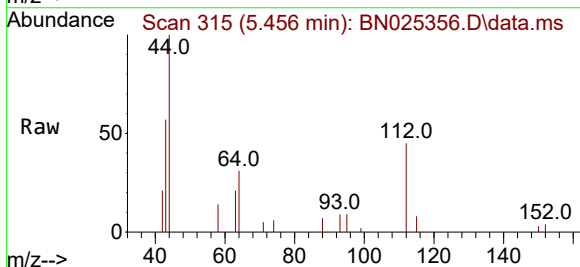
Instrument :
BNA_N
ClientSampleId :
SP-201-20230504



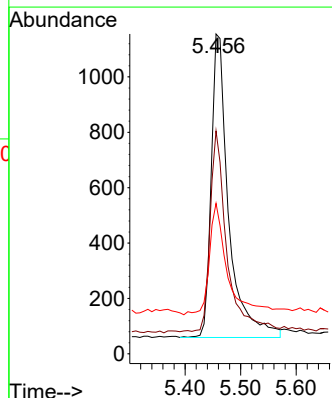
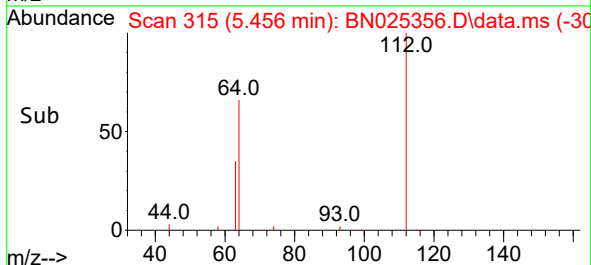
Tgt Ion:152 Resp: 6763
Ion Ratio Lower Upper
152 100
150 154.4 123.8 185.8
115 63.0 52.9 79.3

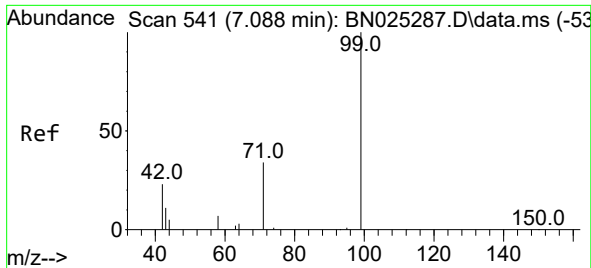


#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.456 min Scan# 315
Delta R.T. 0.000 min
Lab File: BN025356.D
Acq: 09 May 2023 06:19



Tgt Ion:112 Resp: 2395
Ion Ratio Lower Upper
112 100
64 63.6 51.5 77.3
63 38.3 27.8 41.6

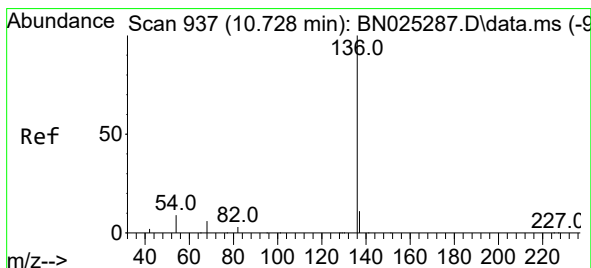
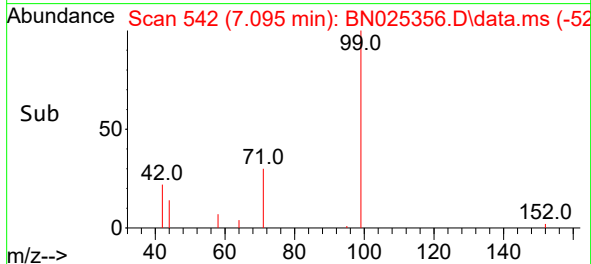
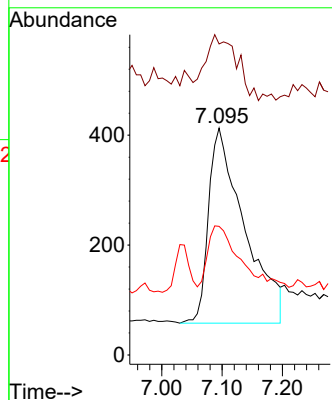
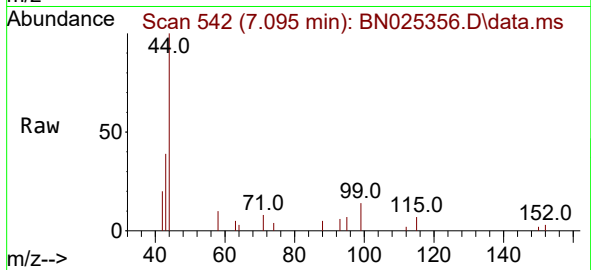




#5
Phenol-d6
Concen: 0.071 ng
RT: 7.095 min Scan# 541
Delta R.T. 0.022 min
Lab File: BN025356.D
Acq: 09 May 2023 06:19

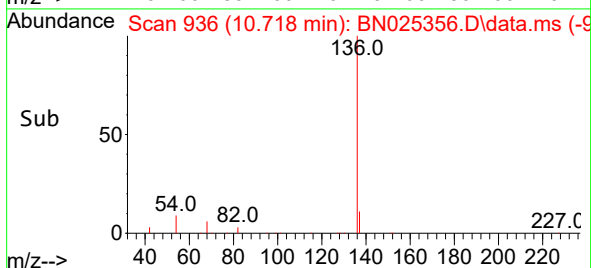
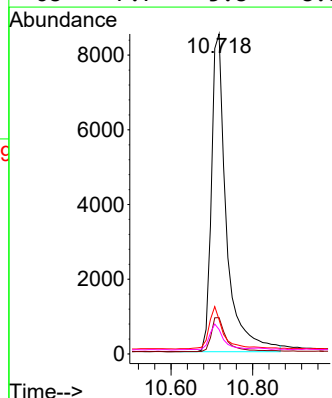
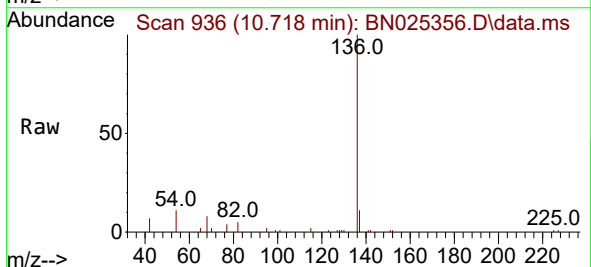
Instrument :
BNA_N
ClientSampleId :
SP-201-20230504

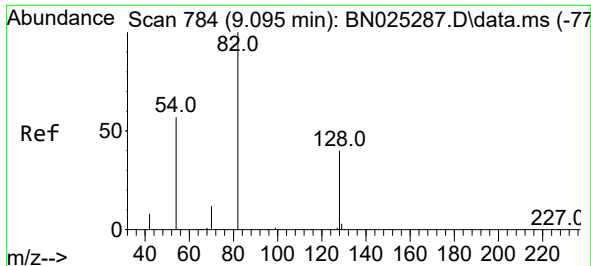
Tgt Ion: 99 Resp: 1465
Ion Ratio Lower Upper
99 100
42 29.8 22.0 33.0
71 28.1 28.7 43.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 936
Delta R.T. 0.011 min
Lab File: BN025356.D
Acq: 09 May 2023 06:19

Tgt Ion: 136 Resp: 21749
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 10.7 8.5 12.7
68 7.7 5.8 8.8

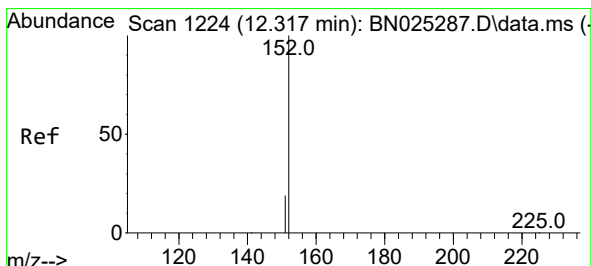
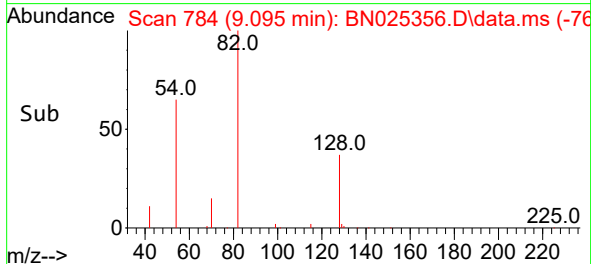
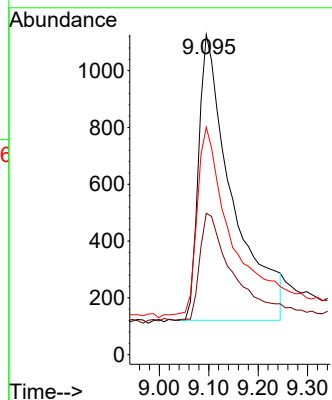
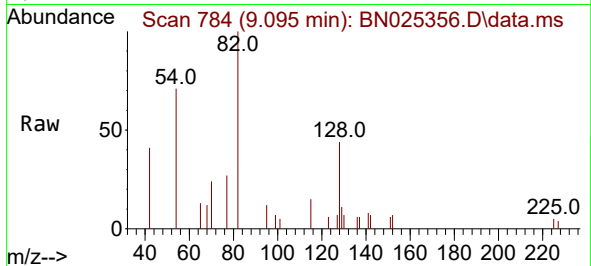




#8
Nitrobenzene-d5
Concen: 0.264 ng
RT: 9.095 min Scan# 784
Delta R.T. 0.022 min
Lab File: BN025356.D
Acq: 09 May 2023 06:19

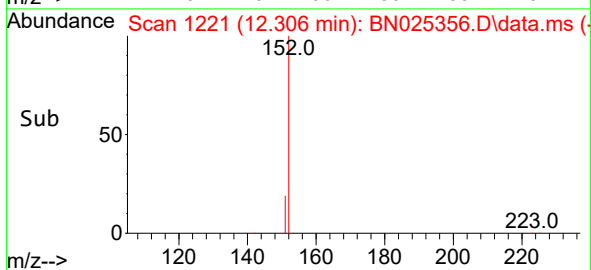
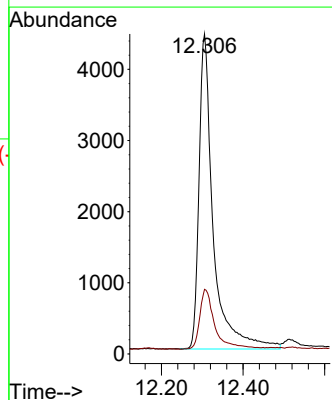
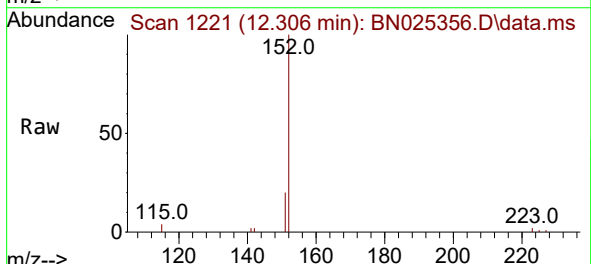
Instrument :
BNA_N
ClientSampleId :
SP-201-20230504

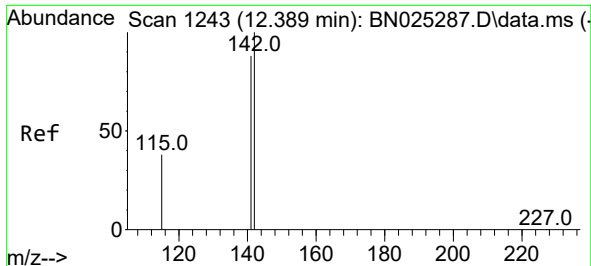
Tgt Ion: 82 Resp: 4729
Ion Ratio Lower Upper
82 100
128 44.2 35.3 52.9
54 71.1 48.7 73.1



#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 12.306 min Scan# 1221
Delta R.T. 0.004 min
Lab File: BN025356.D
Acq: 09 May 2023 06:19

Tgt Ion: 152 Resp: 10693
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6

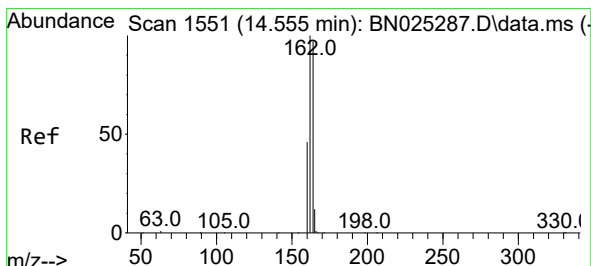
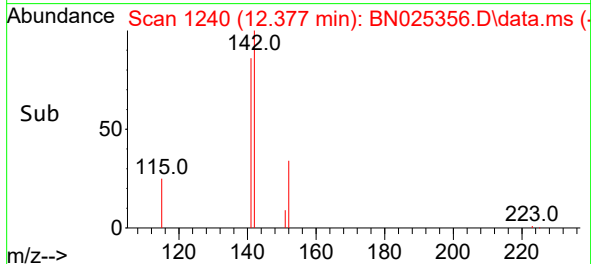
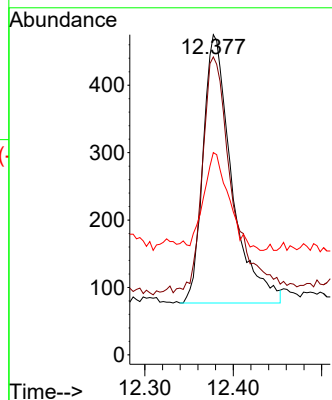
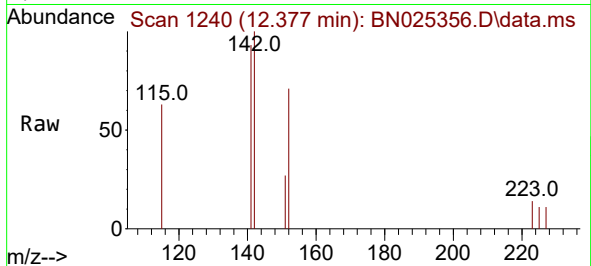




#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 12.377 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025356.D
Acq: 09 May 2023 06:19

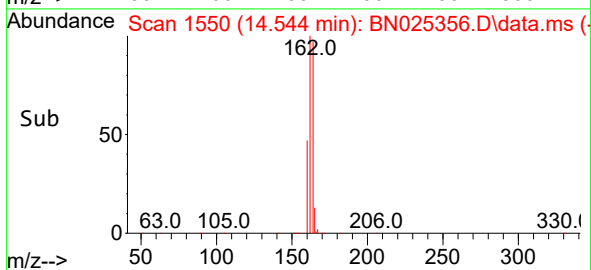
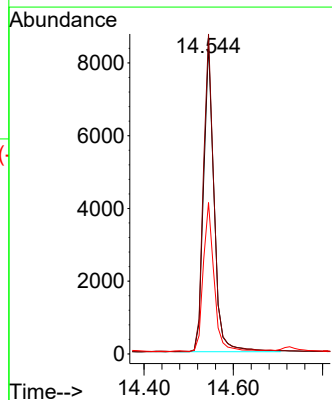
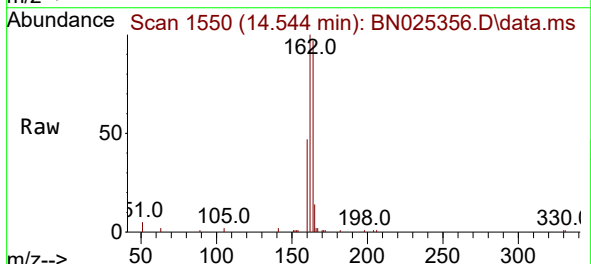
Instrument :
BNA_N
ClientSampleId :
SP-201-20230504

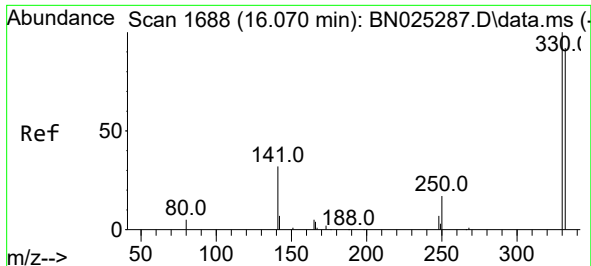
Tgt Ion:142 Resp: 896
Ion Ratio Lower Upper
142 100
141 93.1 70.5 105.7
115 63.2 31.6 47.4#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN025356.D
Acq: 09 May 2023 06:19

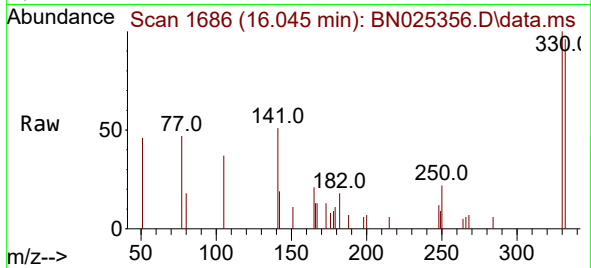
Tgt Ion:164 Resp: 13793
Ion Ratio Lower Upper
164 100
162 103.1 82.1 123.1
160 48.8 38.3 57.5



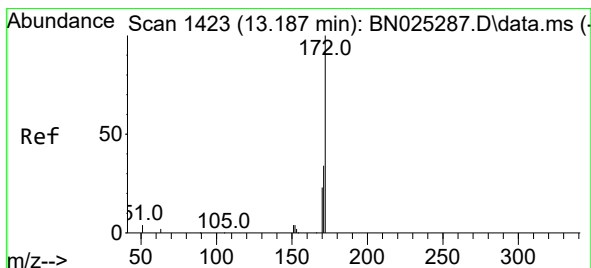
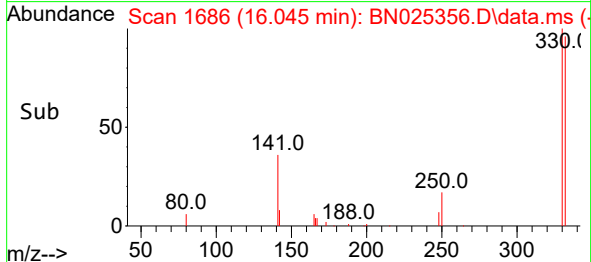
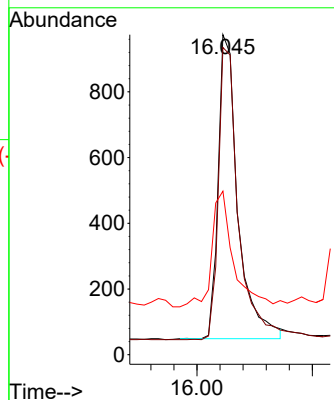


#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 16.045 min Scan# 1686
Delta R.T. 0.000 min
Lab File: BN025356.D
Acq: 09 May 2023 06:19

Instrument :
BNA_N
ClientSampleId :
SP-201-20230504

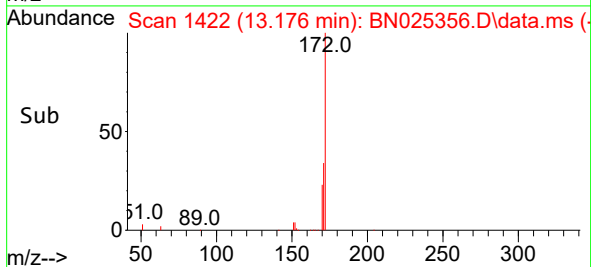
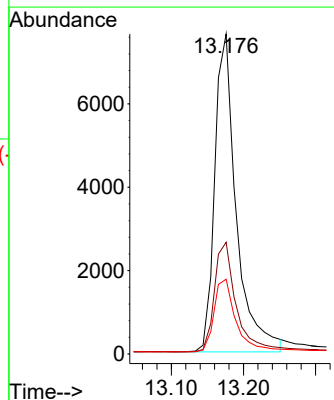
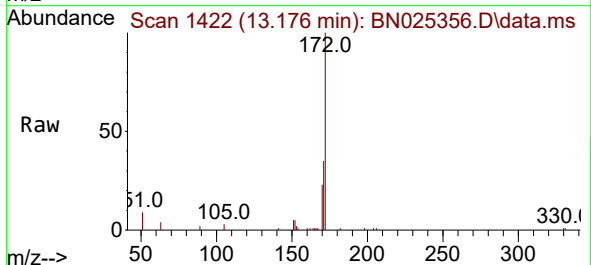


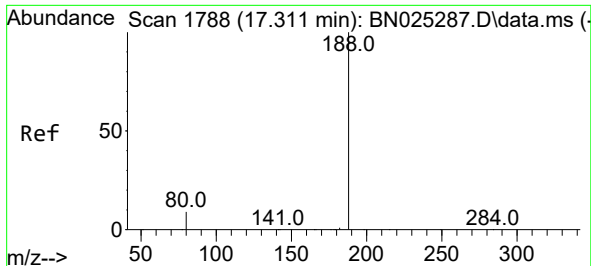
Tgt Ion:330 Resp: 2191
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 40.8 28.9 43.3



#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 13.176 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN025356.D
Acq: 09 May 2023 06:19

Tgt Ion:172 Resp: 15798
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.4 19.0 28.4

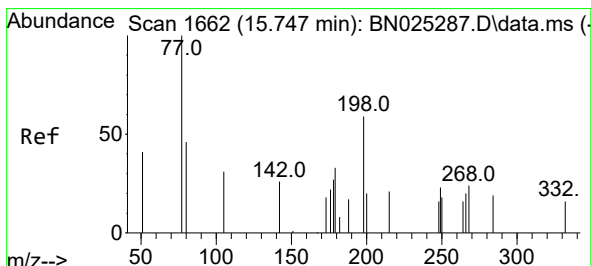
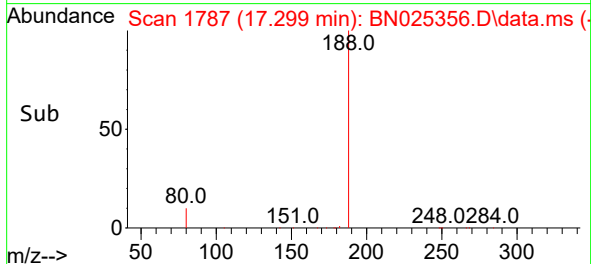
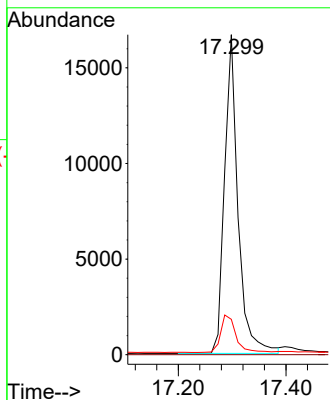
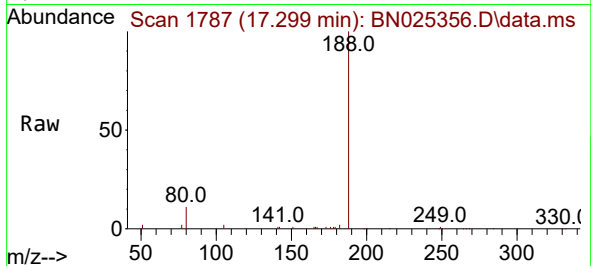




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.299 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BN025356.D
Acq: 09 May 2023 06:19

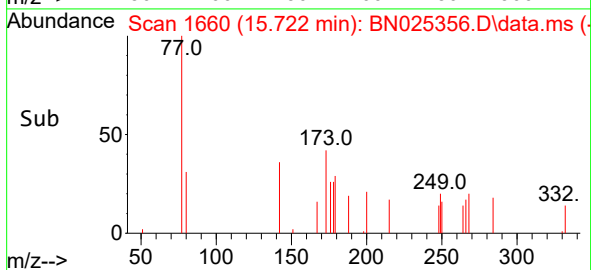
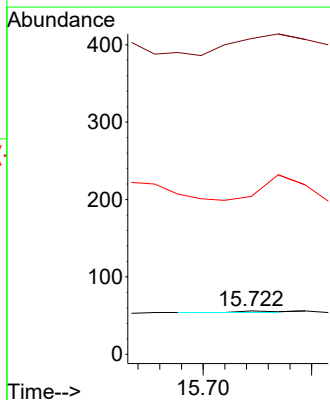
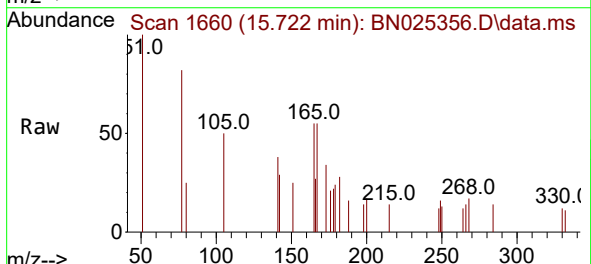
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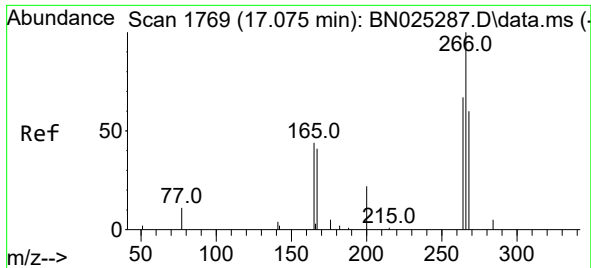
Tgt Ion:188 Resp: 29084
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 8.0 12.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.281 ng
RT: 15.722 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BN025356.D
Acq: 09 May 2023 06:19

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 728.6 162.1 243.1#
105 364.3 83.1 124.7#

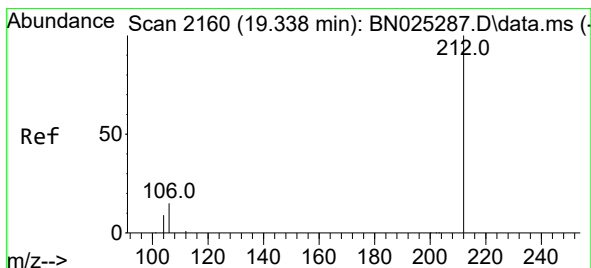
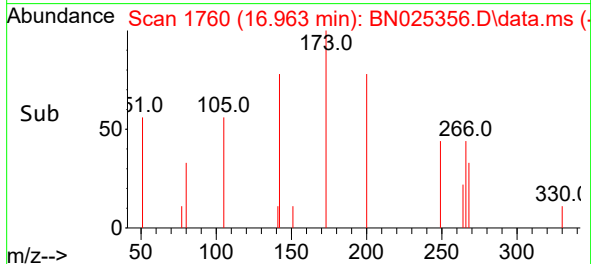
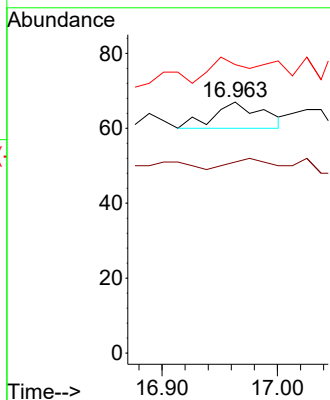
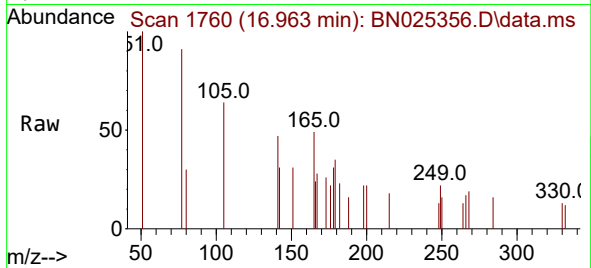




#24
 Pentachlorophenol
 Concen: 0.269 ng
 RT: 16.963 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN025356.D
 Acq: 09 May 2023 06:19

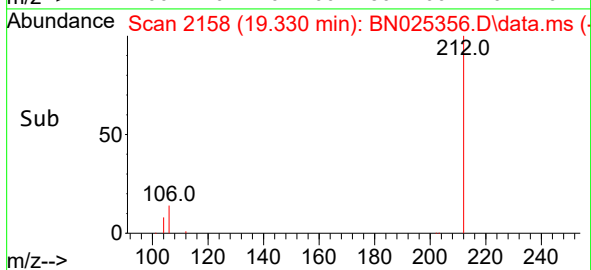
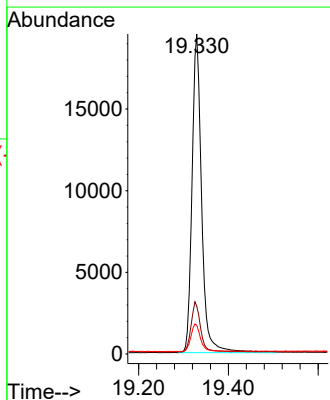
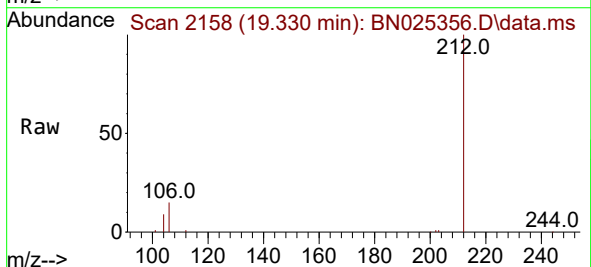
Instrument :
 BNA_N
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 SP-201-20230504

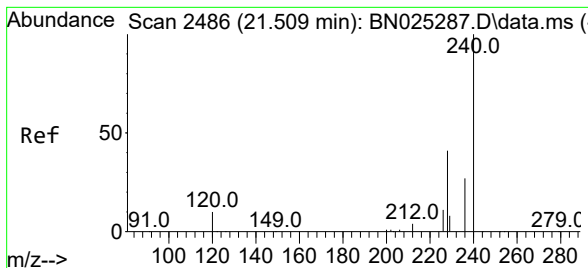
Tgt Ion:266 Resp: 21
 Ion Ratio Lower Upper
 266 100
 264 71.4 43.0 64.4#
 268 0.0 47.4 71.2#



#27
 Fluoranthene-d10
 Concen: 0.403 ng
 RT: 19.330 min Scan# 2158
 Delta R.T. 0.000 min
 Lab File: BN025356.D
 Acq: 09 May 2023 06:19

Tgt Ion:212 Resp: 29004
 Ion Ratio Lower Upper
 212 100
 106 15.4 12.6 19.0
 104 8.5 7.0 10.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.491 min Scan# 2486

Delta R.T. 0.005 min

Lab File: BN025356.D

Acq: 09 May 2023 06:19

Instrument :

BNA_N

ClientSampleId :

SP-201-20230504

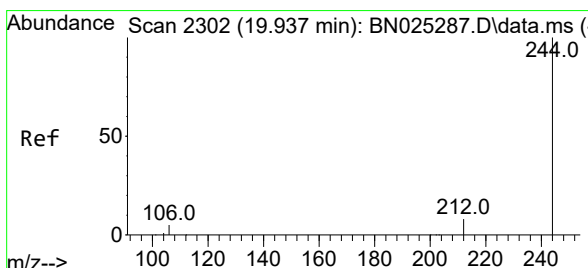
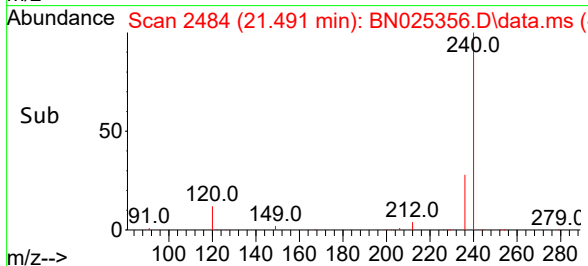
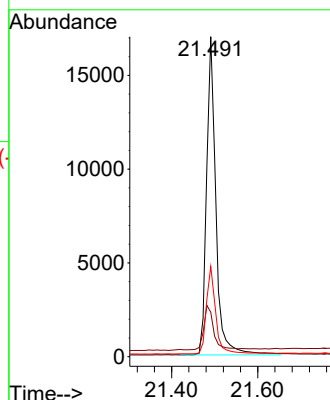
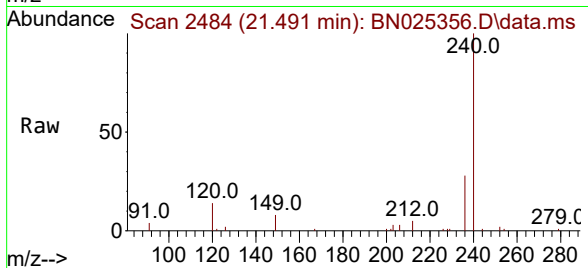
Tgt Ion:240 Resp: 25677

Ion Ratio Lower Upper

240 100

120 13.9 10.3 15.5

236 28.2 22.3 33.5



#31

Terphenyl-d14

Concen: 0.463 ng

RT: 19.920 min Scan# 2298

Delta R.T. -0.004 min

Lab File: BN025356.D

Acq: 09 May 2023 06:19

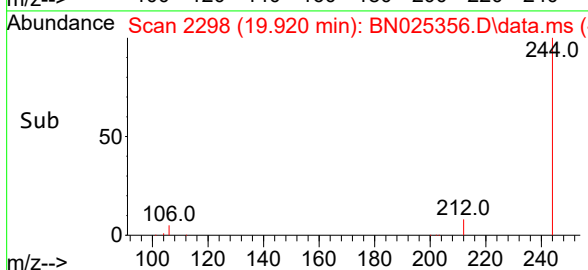
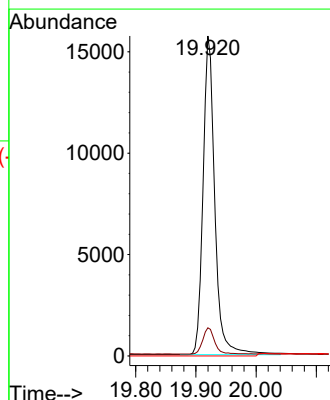
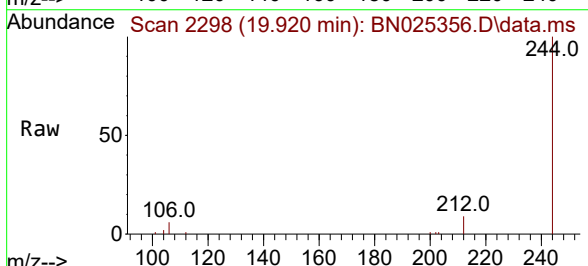
Tgt Ion:244 Resp: 23959

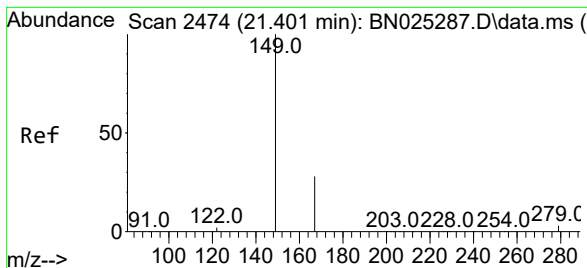
Ion Ratio Lower Upper

244 100

212 8.8 7.1 10.7

122 0.0 0.0 0.0

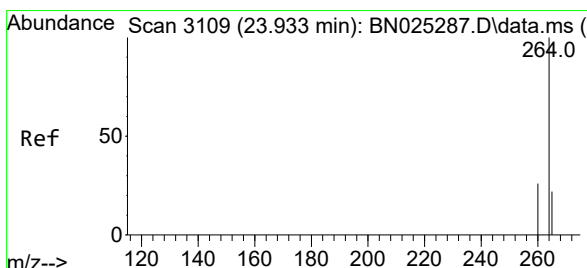
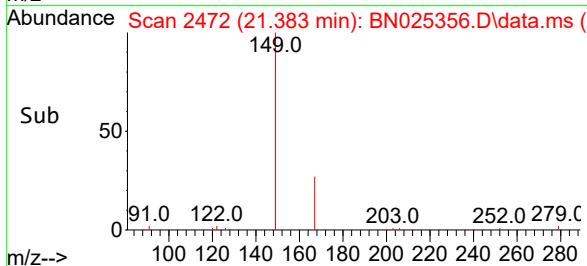
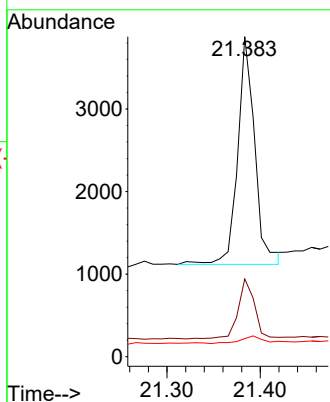
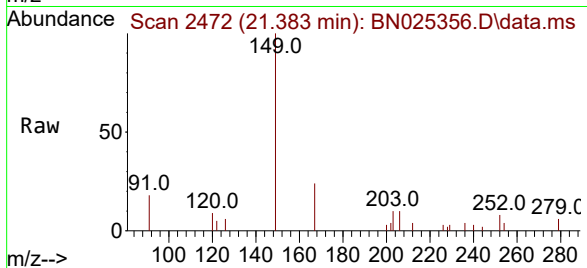




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.052 ng
 RT: 21.383 min Scan# 2472
 Delta R.T. 0.005 min
 Lab File: BN025356.D
 Acq: 09 May 2023 06:19

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20230504

Tgt Ion:149 Resp: 3514
 Ion Ratio Lower Upper
 149 100
 167 25.5 22.2 33.4
 279 5.1 2.6 4.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.922 min Scan# 3105
 Delta R.T. 0.011 min
 Lab File: BN025356.D
 Acq: 09 May 2023 06:19

Tgt Ion:264 Resp: 23239
 Ion Ratio Lower Upper
 264 100
 260 26.1 21.5 32.3
 265 53.2 46.2 69.4

