

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024375.D
 Acq On : 18 Mar 2023 10:45
 Operator : CG/JU
 Sample : 01879-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20230308

Quant Time: Mar 20 01:08:54 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)

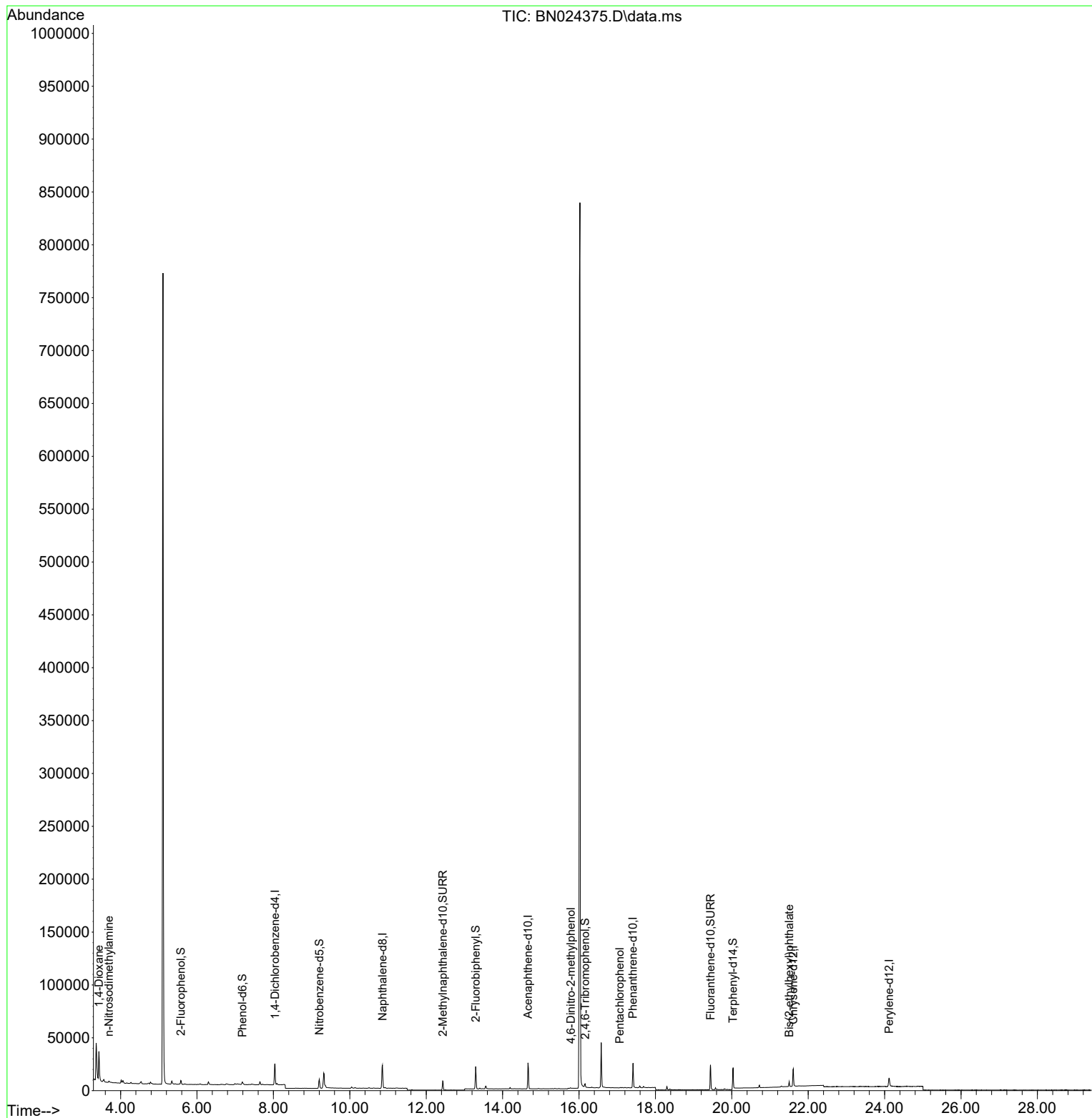
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	9801	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	29199	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	13703	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	27902	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	17216	0.400	ng	0.00
35) Perylene-d12	24.117	264	12396	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	2780	0.128	ng	0.00
5) Phenol-d6	7.188	99	2066	0.074	ng	0.00
8) Nitrobenzene-d5	9.201	82	6694	0.343	ng	0.00
11) 2-Methylnaphthalene-d10	12.433	152	11539	0.322	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1898	0.271	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	16688	0.322	ng	0.00
27) Fluoranthene-d10	19.442	212	23901	0.404	ng	0.00
31) Terphenyl-d14	20.034	244	15261	0.526	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.432	88	17091	1.603	ng	# 95
3) n-Nitrosodimethylamine	3.692	42	546	0.035	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.787	198	10	0.180	ng	# 1
24) Pentachlorophenol	17.065	266	25	0.131	ng	94
34) Bis(2-ethylhexyl)phtha...	21.502	149	4565	0.169	ng	96

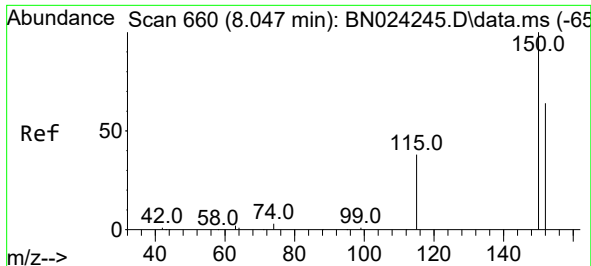
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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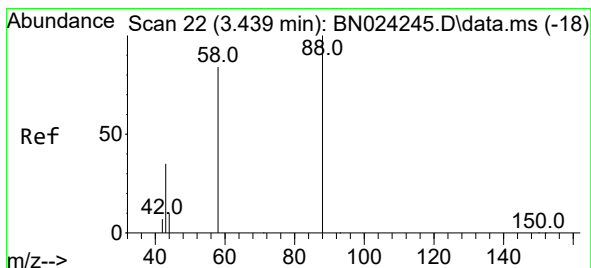
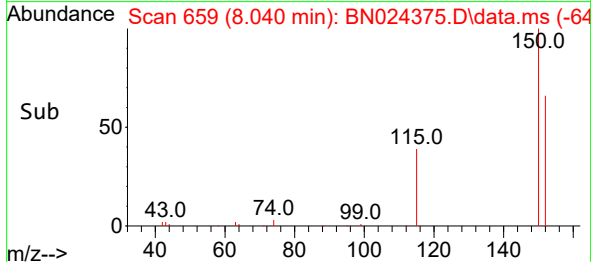
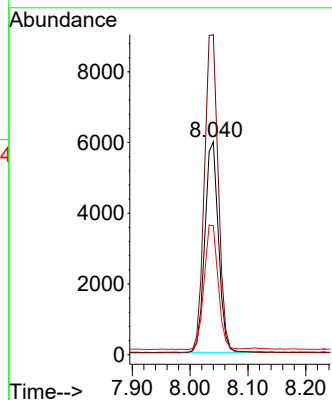
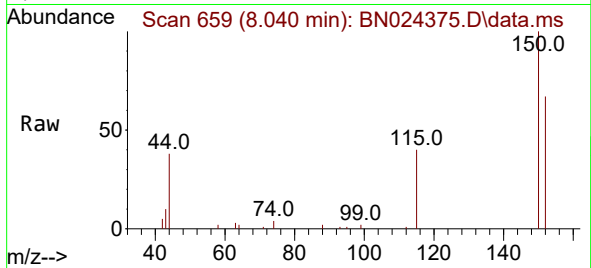




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN024375.D
 Acq: 18 Mar 2023 10:45

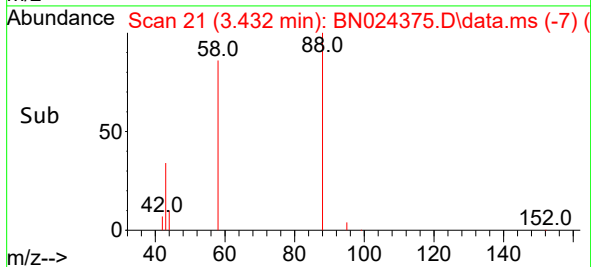
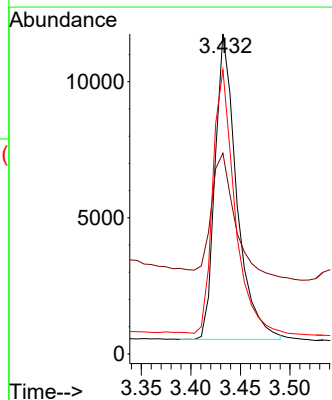
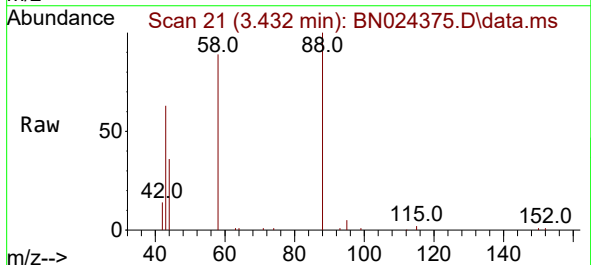
Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20230308

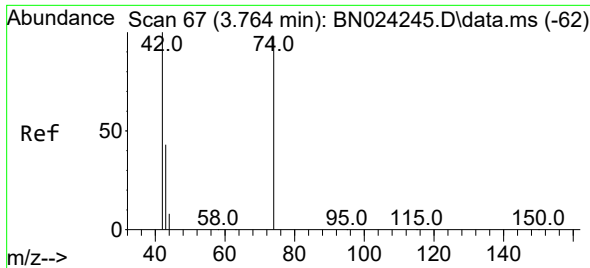
Tgt Ion:152 Resp: 9801
 Ion Ratio Lower Upper
 152 100
 150 150.4 124.7 187.1
 115 60.6 49.1 73.7



#2
 1,4-Dioxane
 Concen: 1.603 ng
 RT: 3.432 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN024375.D
 Acq: 18 Mar 2023 10:45

Tgt Ion: 88 Resp: 17091
 Ion Ratio Lower Upper
 88 100
 43 43.5 29.0 43.4#
 58 86.2 67.3 100.9

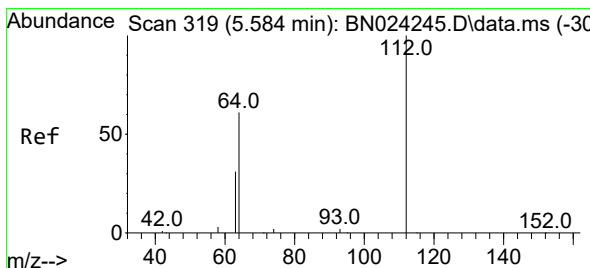
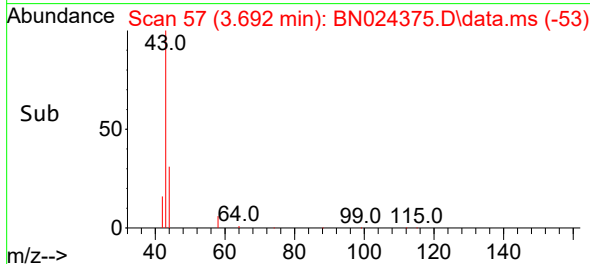
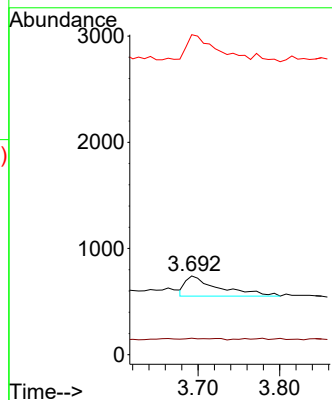
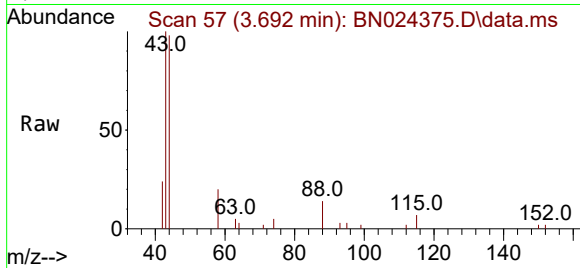




#3
 n-Nitrosodimethylamine
 Concen: 0.035 ng
 RT: 3.692 min Scan# 51
 Delta R.T. -0.072 min
 Lab File: BN024375.D
 Acq: 18 Mar 2023 10:45

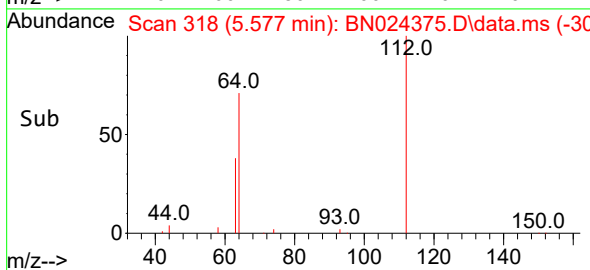
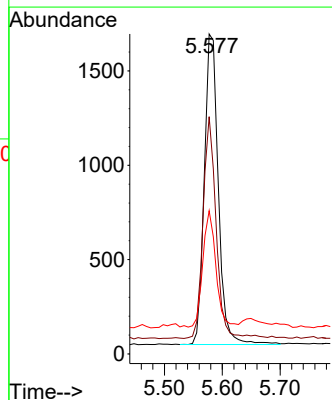
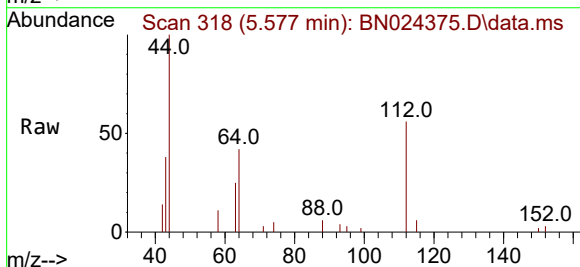
Instrument :
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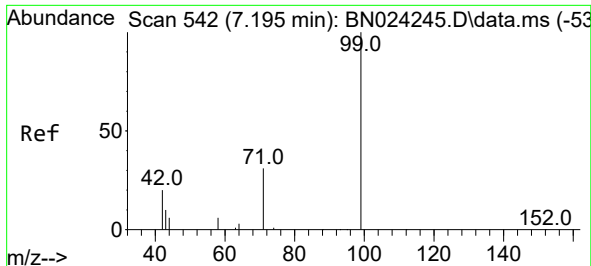
Tgt Ion: 42 Resp: 546
 Ion Ratio Lower Upper
 42 100
 74 2.0 81.6 122.4#
 44 97.6 7.3 10.9#



#4
 2-Fluorophenol
 Concen: 0.128 ng
 RT: 5.577 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: BN024375.D
 Acq: 18 Mar 2023 10:45

Tgt Ion: 112 Resp: 2780
 Ion Ratio Lower Upper
 112 100
 64 65.8 49.0 73.6
 63 35.1 25.7 38.5

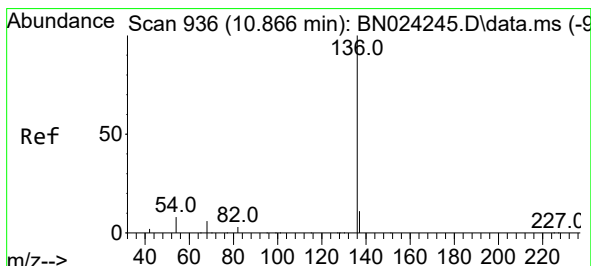
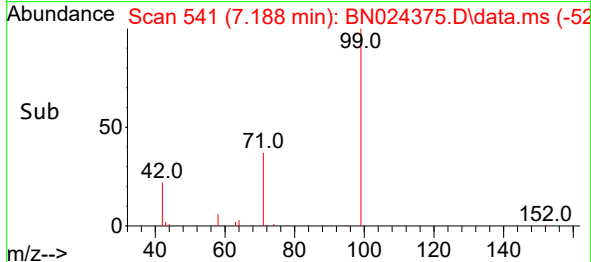
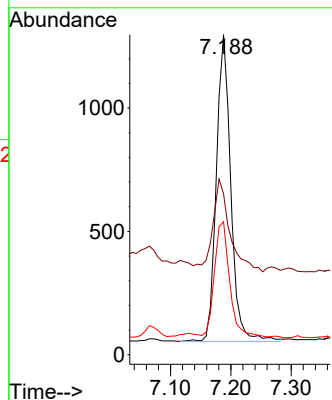
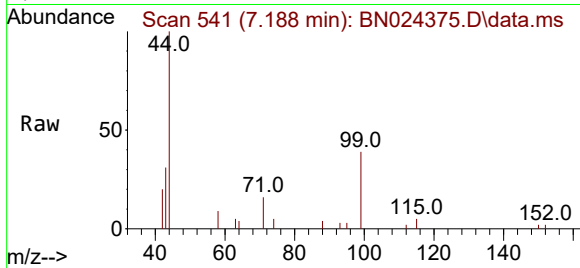




#5
Phenol-d6
Concen: 0.074 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024375.D
Acq: 18 Mar 2023 10:45

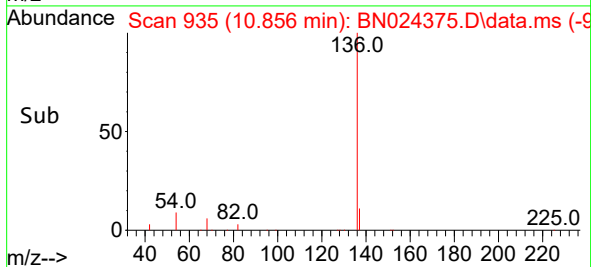
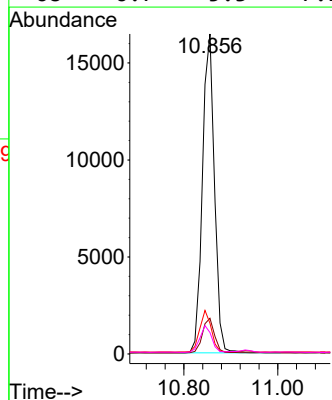
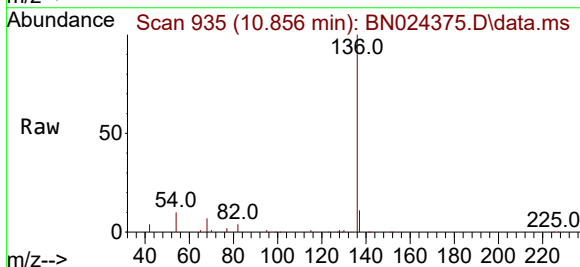
Instrument :
BNA_N
ClientSampleId :
DUP01-20230308

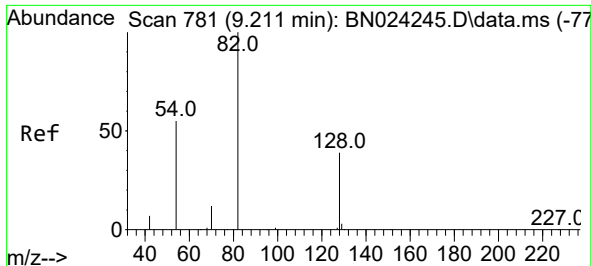
Tgt Ion: 99 Resp: 2066
Ion Ratio Lower Upper
99 100
42 34.8 20.1 30.1#
71 39.4 25.8 38.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN024375.D
Acq: 18 Mar 2023 10:45

Tgt Ion: 136 Resp: 29199
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.6 7.1 10.7
68 6.7 5.3 7.9

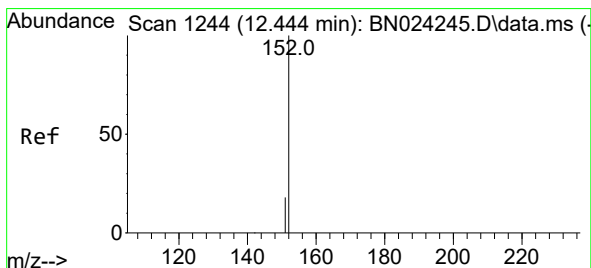
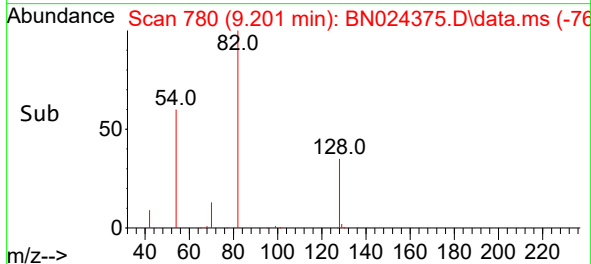
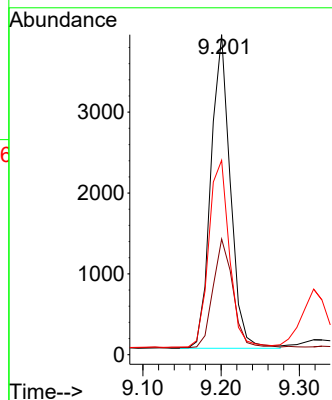
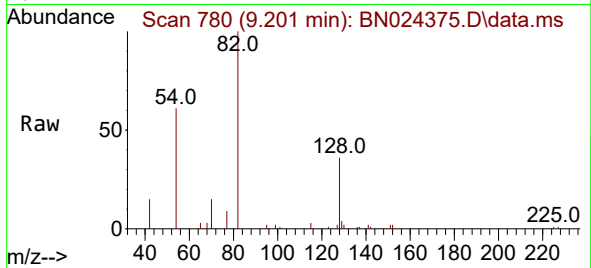




#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 9.201 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN024375.D
Acq: 18 Mar 2023 10:45

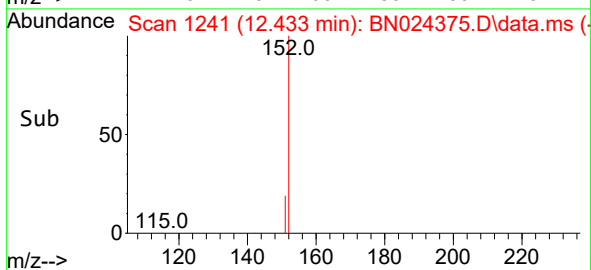
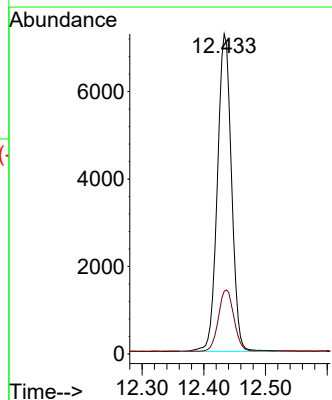
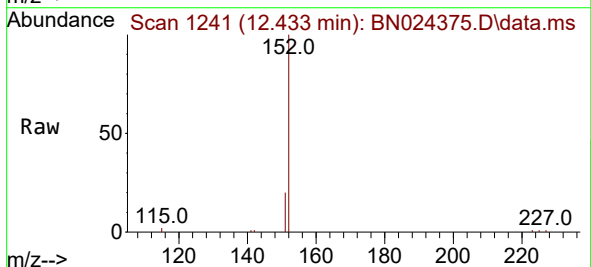
Instrument :
BNA_N
ClientSampleId :
DUP01-20230308

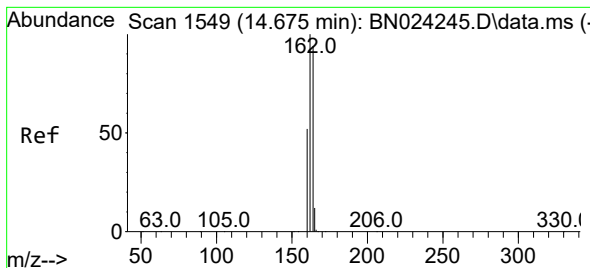
Tgt Ion: 82 Resp: 6694
Ion Ratio Lower Upper
82 100
128 36.2 32.4 48.6
54 60.8 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.433 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BN024375.D
Acq: 18 Mar 2023 10:45

Tgt Ion:152 Resp: 11539
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.665 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BN024375.D

Acq: 18 Mar 2023 10:45

Instrument :

BNA_N

ClientSampleId :

DUP01-20230308

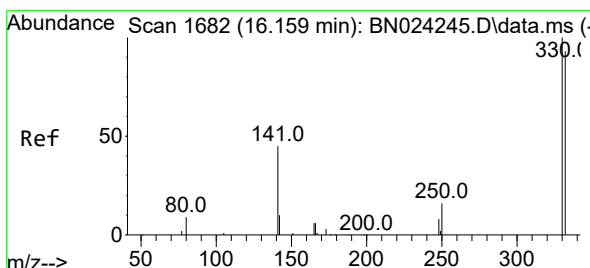
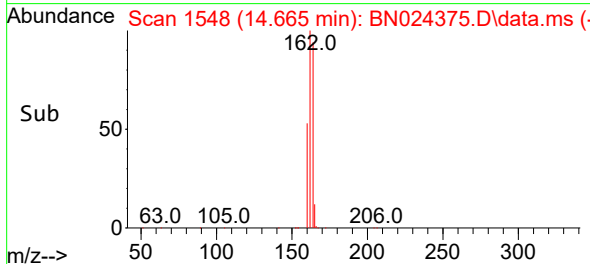
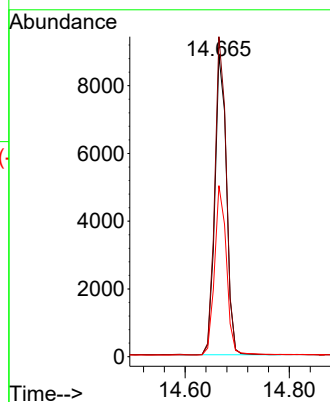
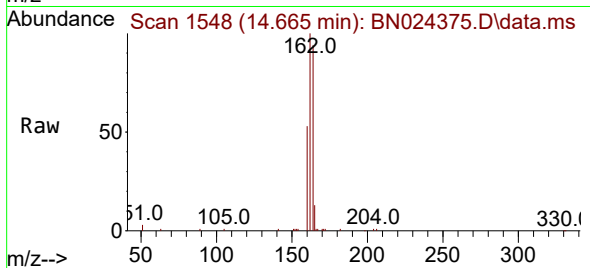
Tgt Ion:164 Resp: 13703

Ion Ratio Lower Upper

164 100

162 106.1 84.7 127.1

160 56.7 44.6 66.8



#14

2,4,6-Tribromophenol

Concen: 0.271 ng

RT: 16.159 min Scan# 1682

Delta R.T. 0.000 min

Lab File: BN024375.D

Acq: 18 Mar 2023 10:45

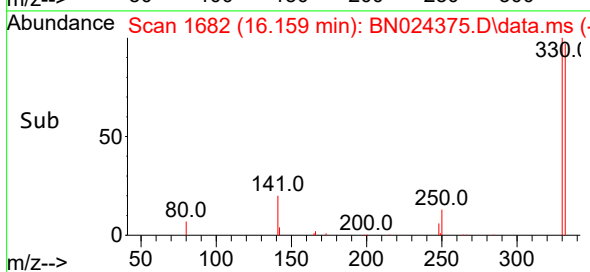
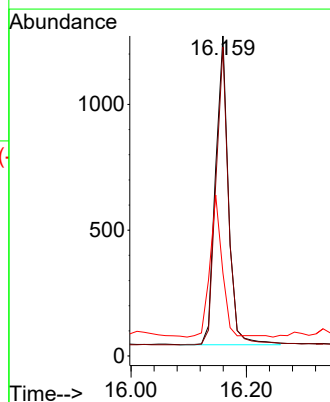
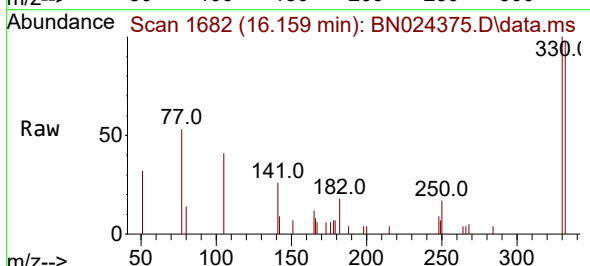
Tgt Ion:330 Resp: 1898

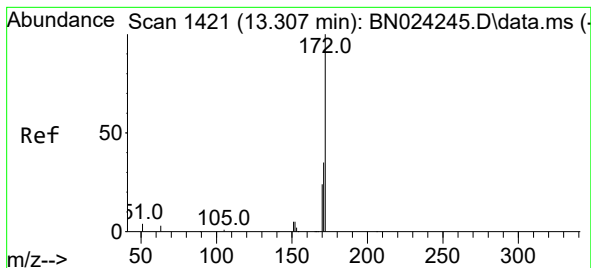
Ion Ratio Lower Upper

330 100

332 94.5 78.0 117.0

141 43.9 30.8 46.2

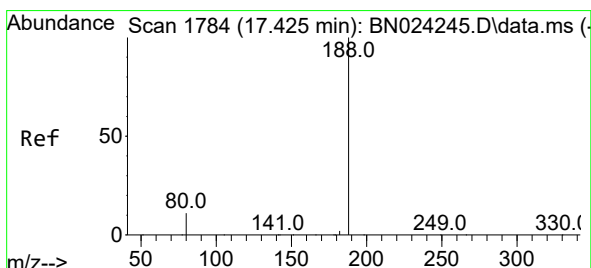
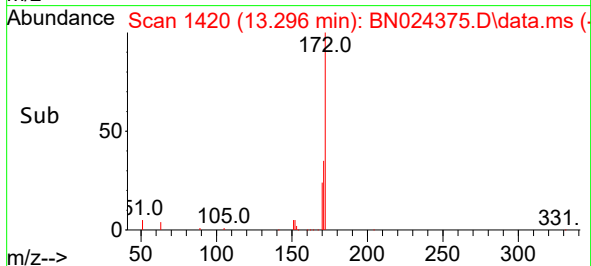
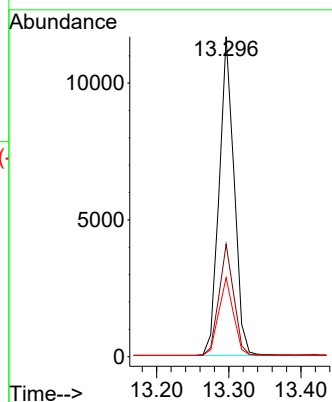
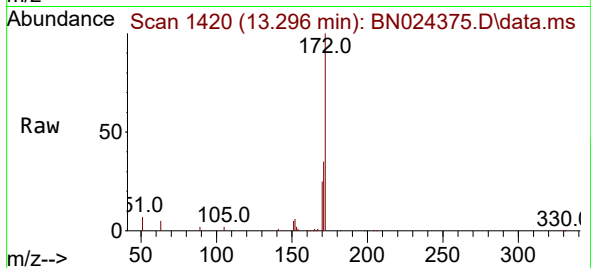




#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 13.296 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN024375.D
Acq: 18 Mar 2023 10:45

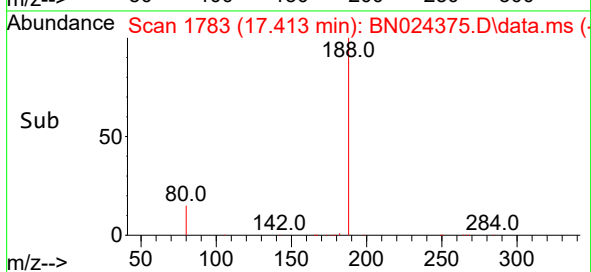
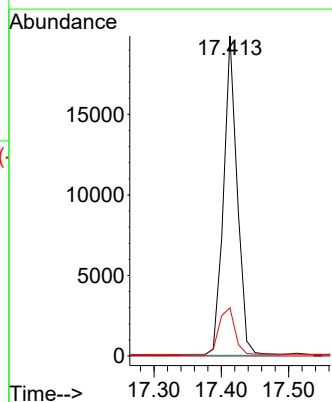
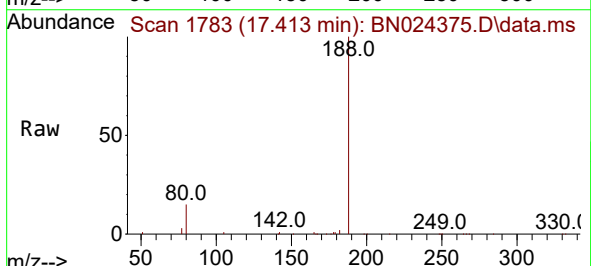
Instrument :
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DUP01-20230308

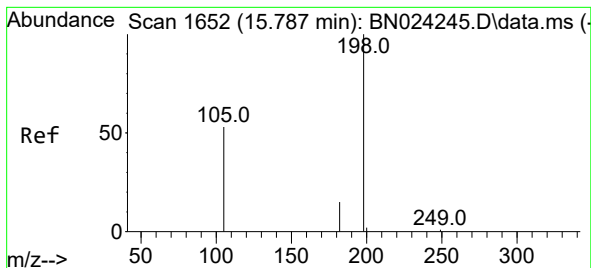
Tgt Ion:172 Resp: 16688
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 24.7 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN024375.D
Acq: 18 Mar 2023 10:45

Tgt Ion:188 Resp: 27902
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 8.9 13.3#

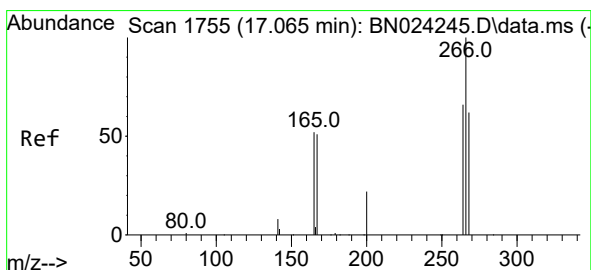
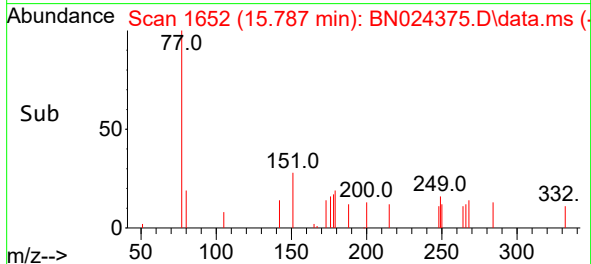
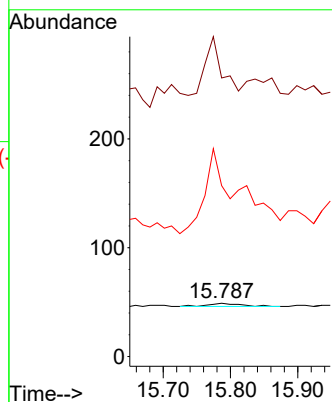
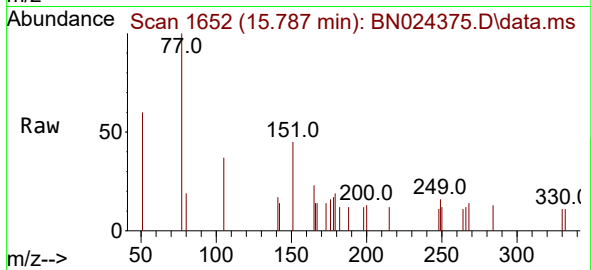




#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.787 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN024375.D
Acq: 18 Mar 2023 10:45

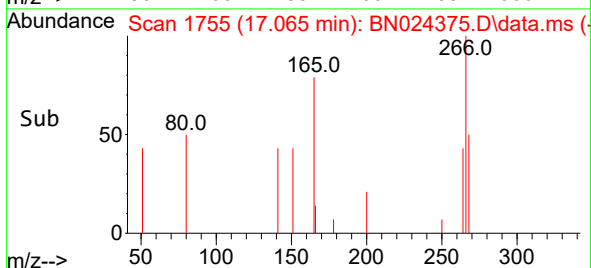
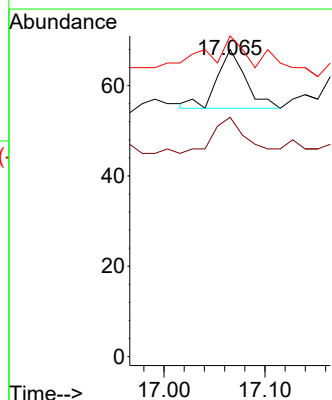
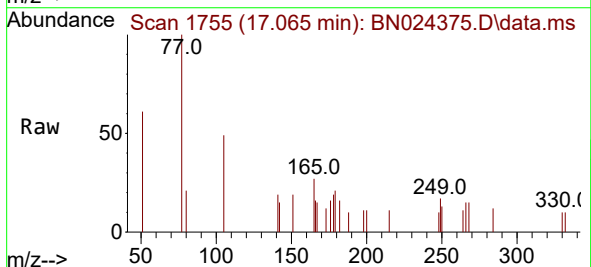
Instrument :
BNA_N
ClientSampleId :
DUP01-20230308

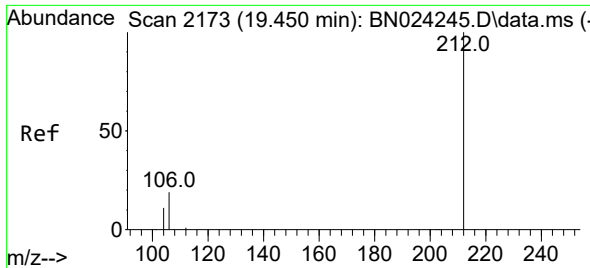
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 522.4 68.2 102.2#
105 320.4 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.131 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BN024375.D
Acq: 18 Mar 2023 10:45

Tgt Ion:266 Resp: 25
Ion Ratio Lower Upper
266 100
264 72.0 51.1 76.7
268 64.0 52.2 78.4

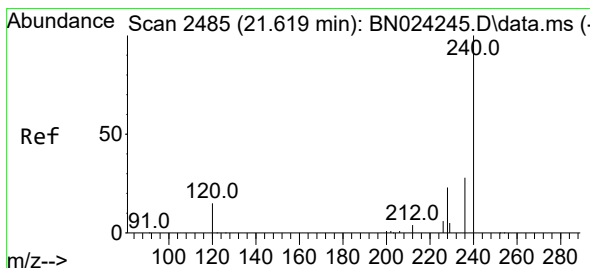
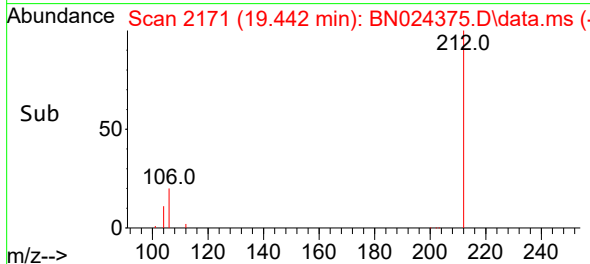
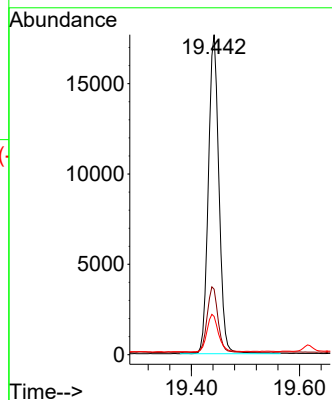
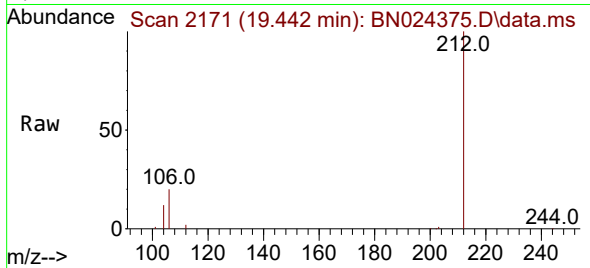




#27
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.442 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BN024375.D
Acq: 18 Mar 2023 10:45

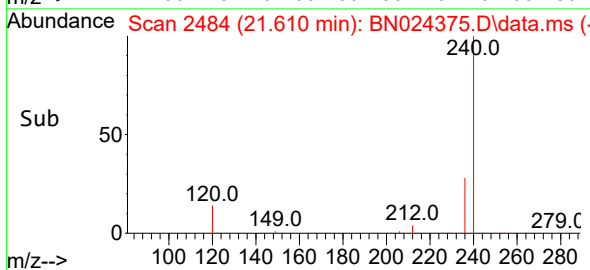
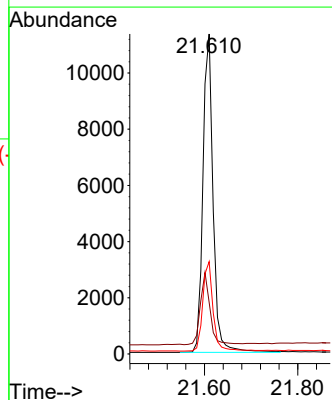
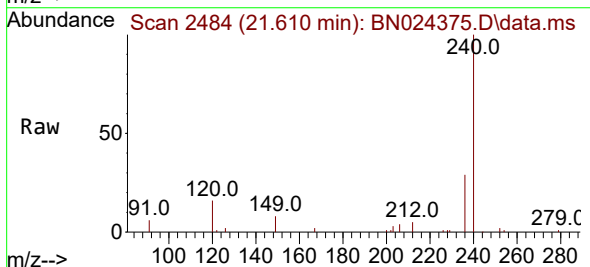
Instrument :
BNA_N
ClientSampleId :
DUP01-20230308

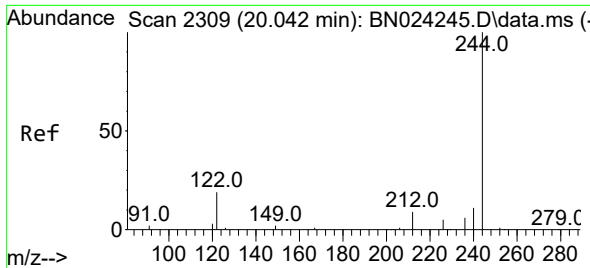
Tgt Ion:212 Resp: 23901
Ion Ratio Lower Upper
212 100
106 20.8 15.4 23.2
104 12.7 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024375.D
Acq: 18 Mar 2023 10:45

Tgt Ion:240 Resp: 17216
Ion Ratio Lower Upper
240 100
120 16.1 12.8 19.2
236 28.9 22.5 33.7

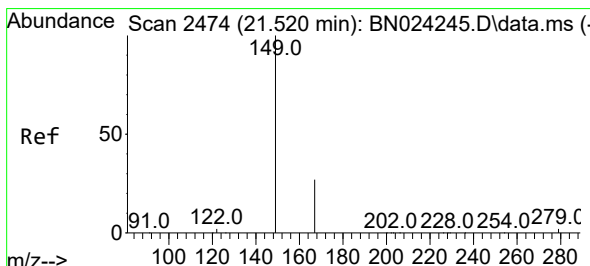
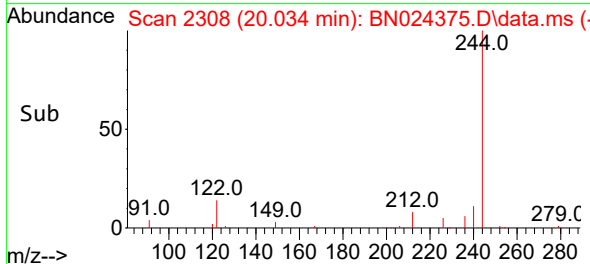
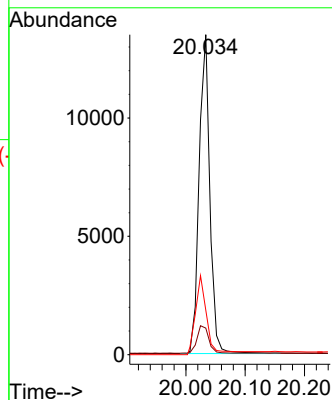
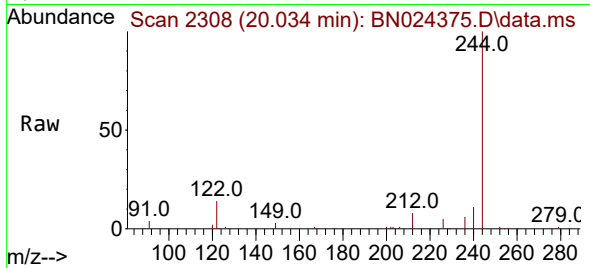




#31
 Terphenyl-d14
 Concen: 0.526 ng
 RT: 20.034 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN024375.D
 Acq: 18 Mar 2023 10:45

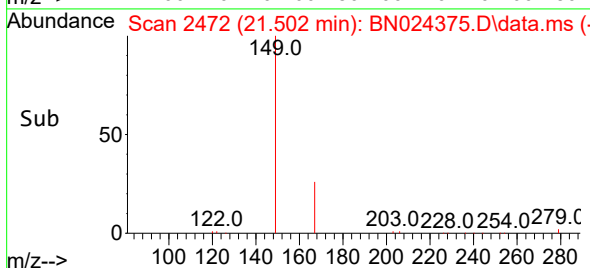
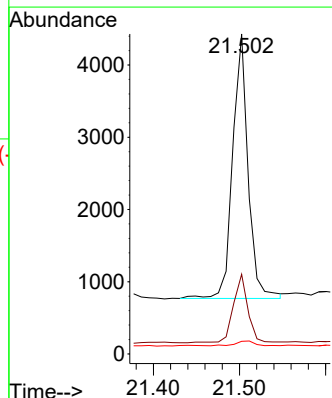
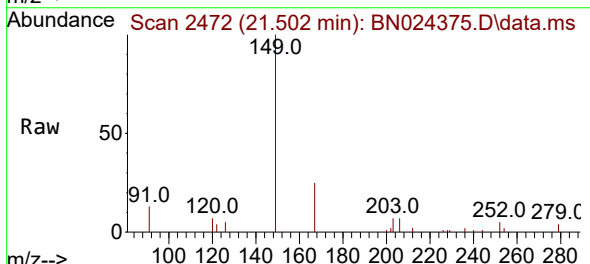
Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20230308

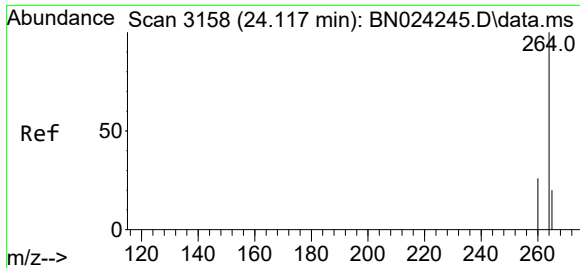
Tgt Ion:244 Resp: 15261
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.6 11.4
 122 13.9 15.1 22.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.169 ng
 RT: 21.502 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BN024375.D
 Acq: 18 Mar 2023 10:45

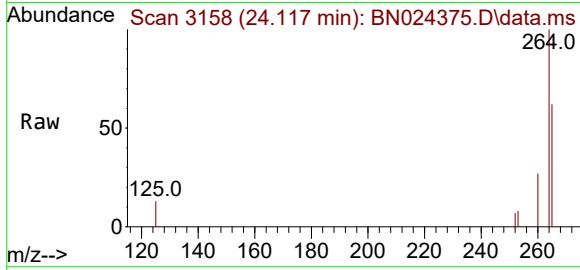
Tgt Ion:149 Resp: 4565
 Ion Ratio Lower Upper
 149 100
 167 24.3 21.2 31.8
 279 2.1 1.8 2.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.117 min Scan# 3158
 Delta R.T. 0.021 min
 Lab File: BN024375.D
 Acq: 18 Mar 2023 10:45

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20230308



Tgt Ion:	264	Resp:	12396
Ion Ratio	Lower	Upper	
264	100		
260	26.8	21.4	32.2
265	61.7	35.7	53.5

