

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024352.D
 Acq On : 17 Mar 2023 18:50
 Operator : CG/JU
 Sample : 01880-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20230309

Quant Time: Mar 17 23:29:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 04:37:08 2023
 Response via : Initial Calibration

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

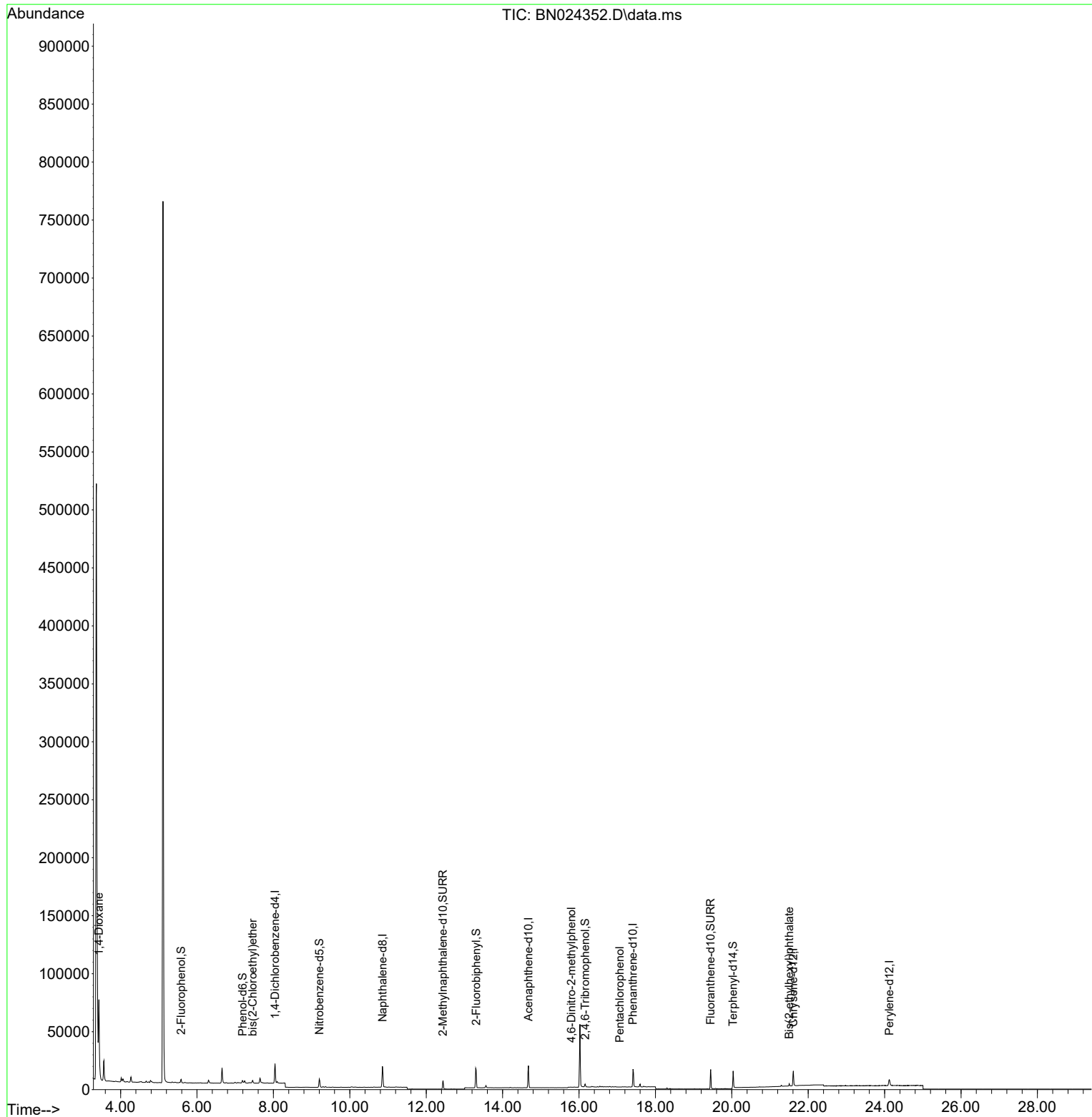
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	7628	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	22450	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	10330	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	20966	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	12669	0.400	ng	# 0.00
35) Perylene-d12	24.120	264	9188	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2452	0.145	ng	0.00
5) Phenol-d6	7.195	99	1852	0.085	ng	0.00
8) Nitrobenzene-d5	9.201	82	5795	0.386	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	9596	0.348	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1404	0.266	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	15165	0.389	ng	0.00
27) Fluoranthene-d10	19.446	212	16614	0.374	ng	0.00
31) Terphenyl-d14	20.034	244	10737	0.503	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.432	88	39770	4.792	ng	93
6) bis(2-Chloroethyl)ether	7.455	93	1433	0.067	ng	92
20) 4,6-Dinitro-2-methylph...	15.799	198	2	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	28	0.132	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.502	149	1830	0.092	ng	# 100

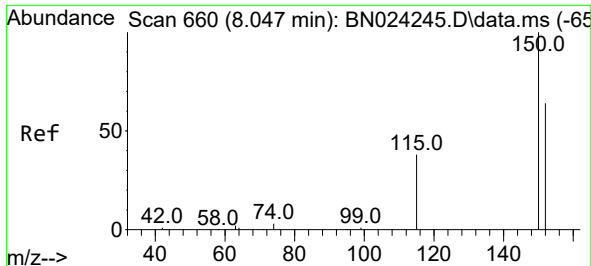
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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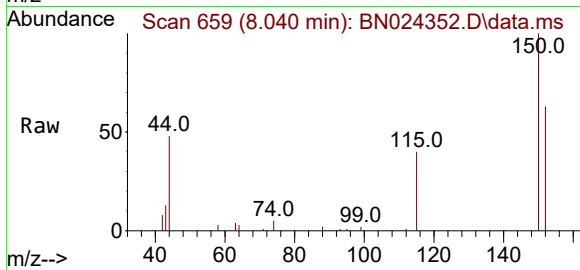
Quant Time: Mar 17 23:29:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
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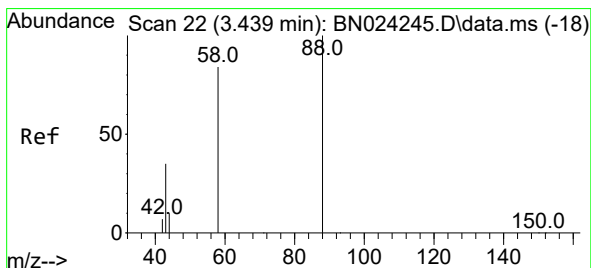
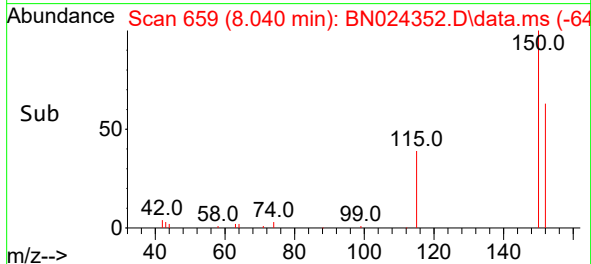
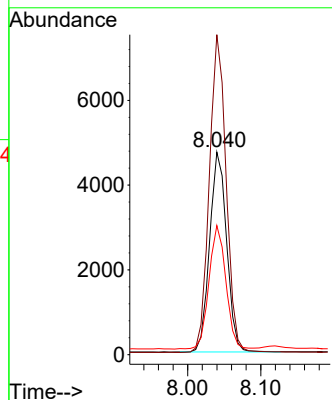
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 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024352.D
 Acq: 17 Mar 2023 18:50

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20230309



Tgt Ion: 152 Resp: 7628

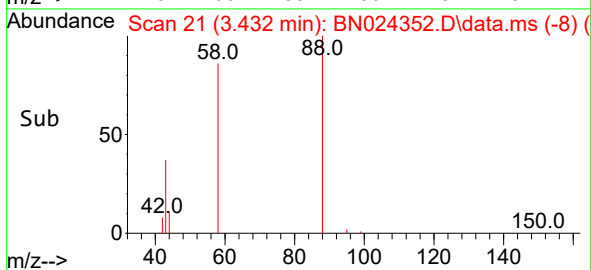
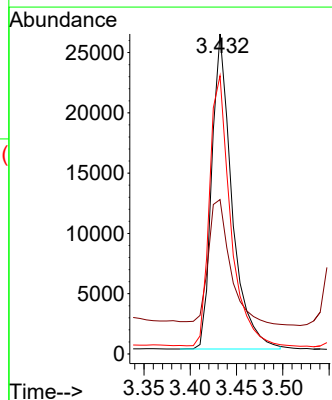
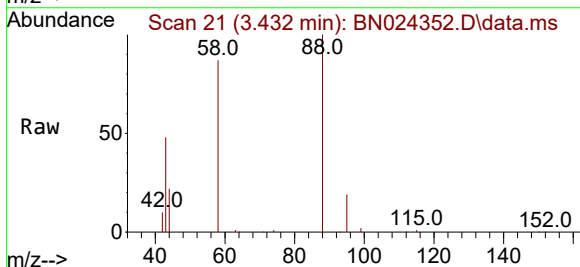
Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.7	187.1
115	63.7	49.1	73.7

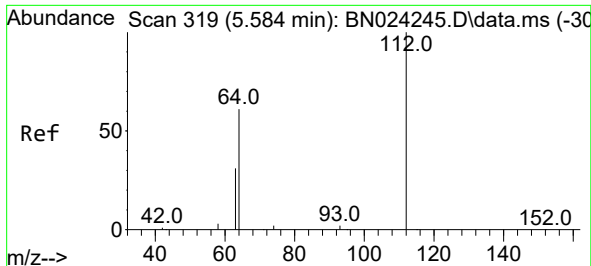


#2
 1,4-Dioxane
 Concen: 4.792 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024352.D
 Acq: 17 Mar 2023 18:50

Tgt Ion: 88 Resp: 39770

Ion	Ratio	Lower	Upper
88	100		
43	43.2	29.0	43.4
58	89.0	67.3	100.9

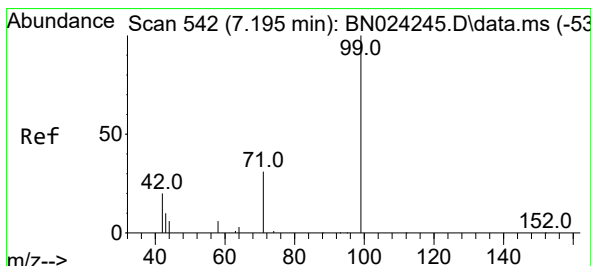
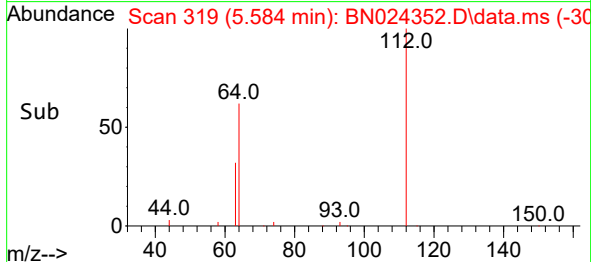
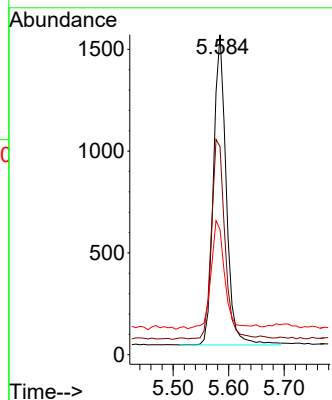
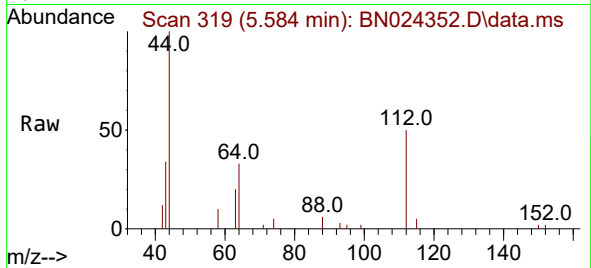




#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024352.D
Acq: 17 Mar 2023 18:50

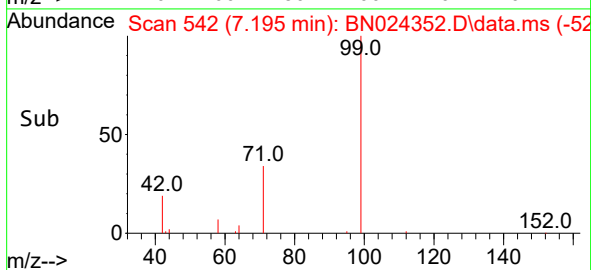
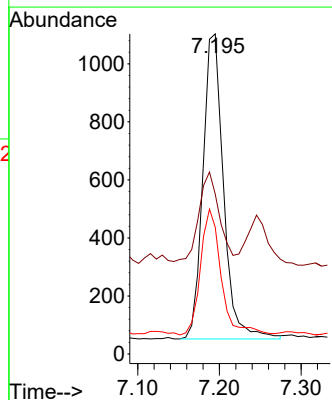
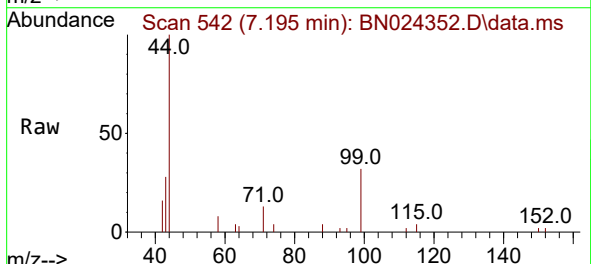
Instrument :
BNA_N
ClientSampleId :
RE115D1-20230309

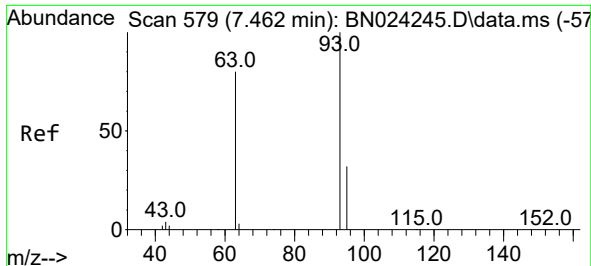
Tgt Ion:112 Resp: 2452
Ion Ratio Lower Upper
112 100
64 67.0 49.0 73.6
63 36.6 25.7 38.5



#5
Phenol-d6
Concen: 0.085 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024352.D
Acq: 17 Mar 2023 18:50

Tgt Ion: 99 Resp: 1852
Ion Ratio Lower Upper
99 100
42 30.5 20.1 30.1#
71 41.1 25.8 38.8#

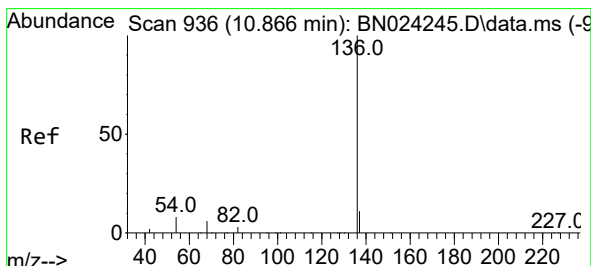
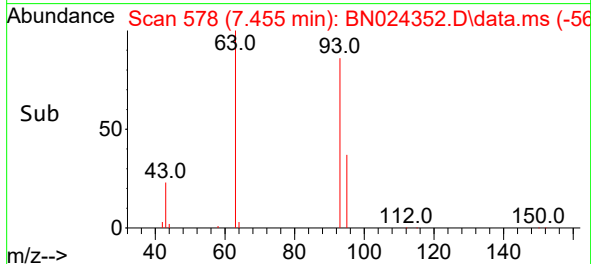
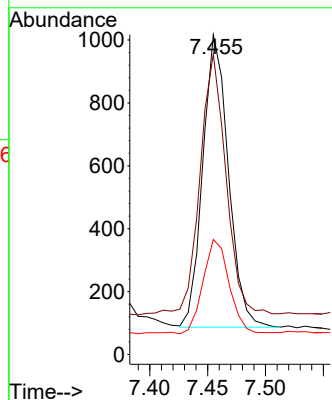
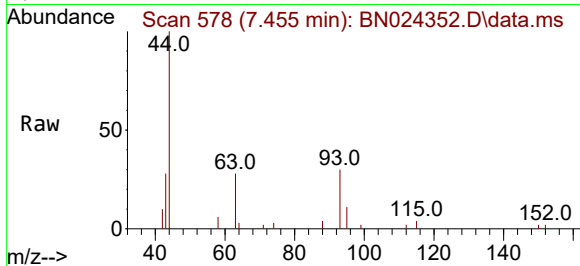




#6
bis(2-Chloroethyl)ether
Concen: 0.067 ng
RT: 7.455 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN024352.D
Acq: 17 Mar 2023 18:50

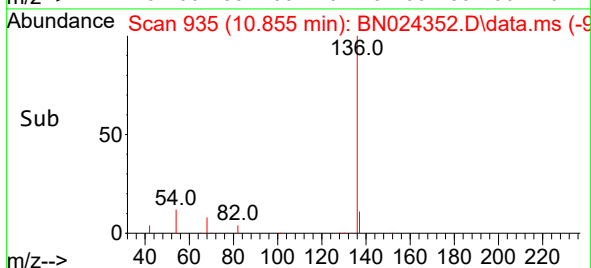
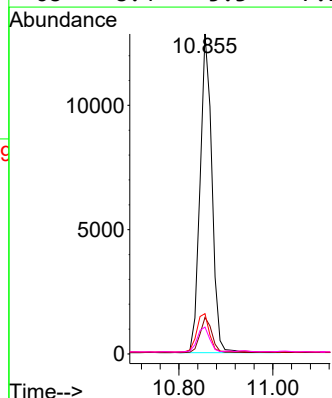
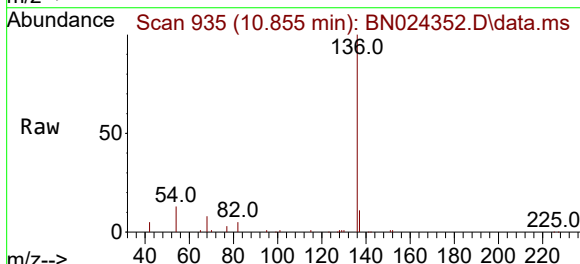
Instrument :
BNA_N
ClientSampleId :
RE115D1-20230309

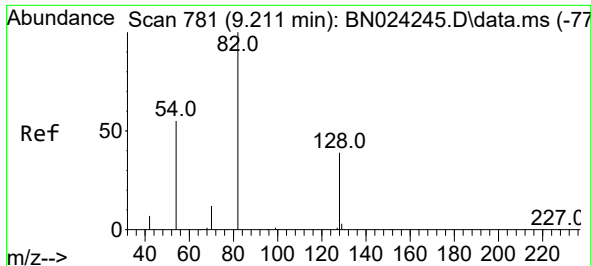
Tgt Ion: 93 Resp: 1433
Ion Ratio Lower Upper
93 100
63 90.9 65.4 98.2
95 33.4 25.8 38.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN024352.D
Acq: 17 Mar 2023 18:50

Tgt Ion: 136 Resp: 22450
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 12.6 7.1 10.7#
68 8.4 5.3 7.9#

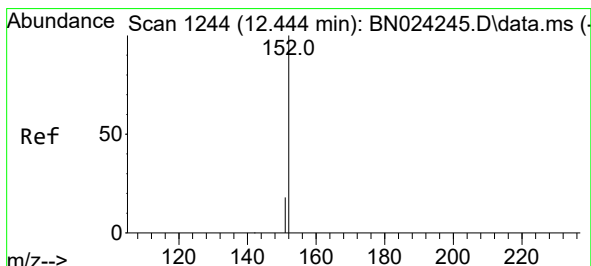
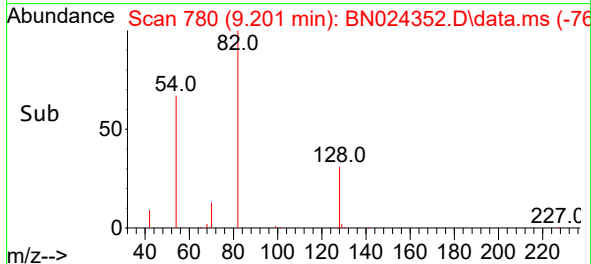
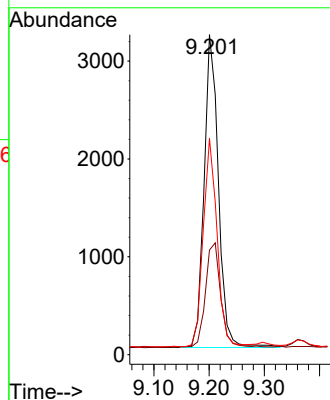
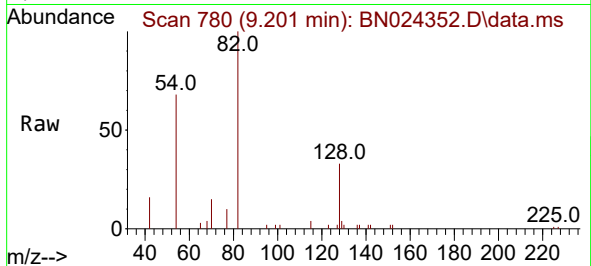




#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 9.201 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN024352.D
Acq: 17 Mar 2023 18:50

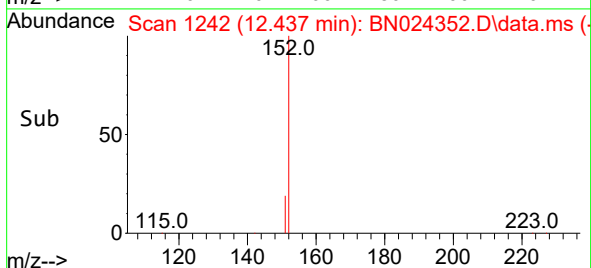
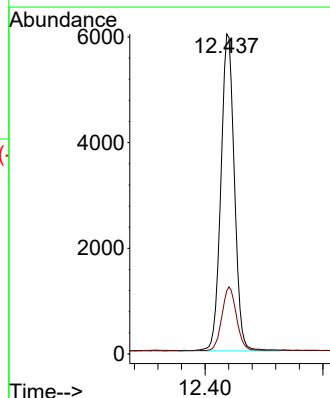
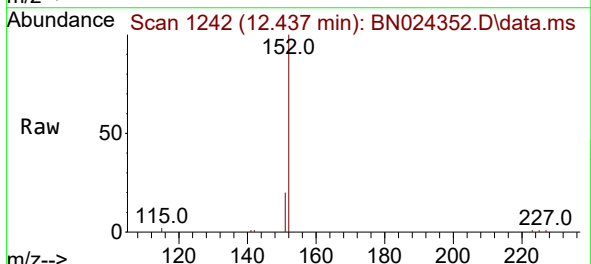
Instrument :
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ClientSampleId :
RE115D1-20230309

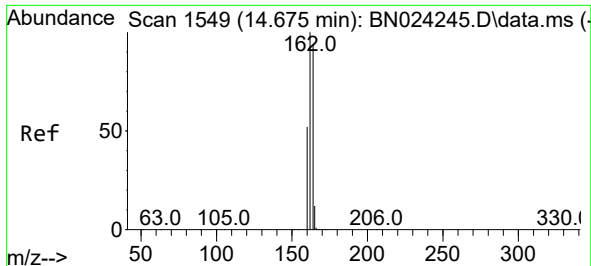
Tgt Ion: 82 Resp: 5795
Ion Ratio Lower Upper
82 100
128 32.7 32.4 48.6
54 67.6 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.437 min Scan# 1242
Delta R.T. -0.004 min
Lab File: BN024352.D
Acq: 17 Mar 2023 18:50

Tgt Ion: 152 Resp: 9596
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2

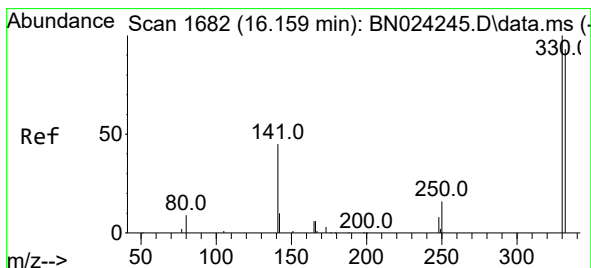
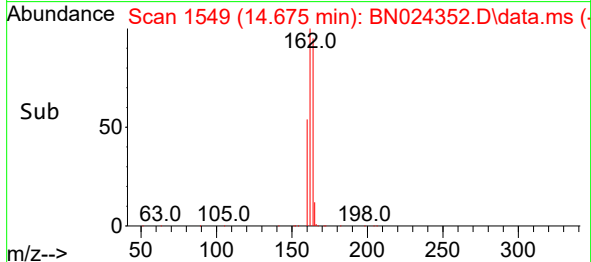
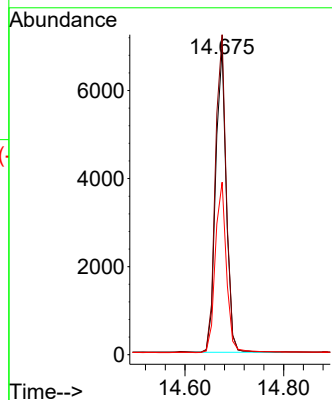
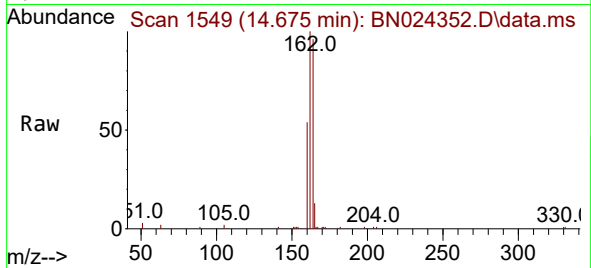




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.675 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN024352.D
 Acq: 17 Mar 2023 18:50

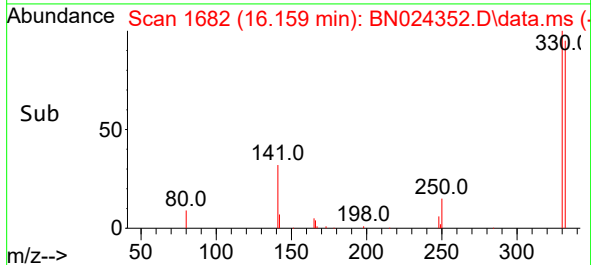
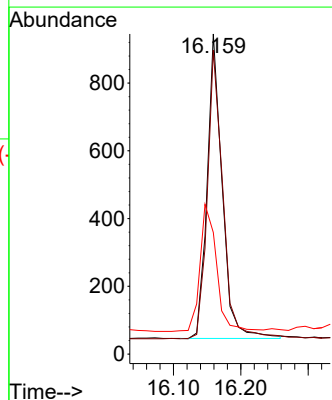
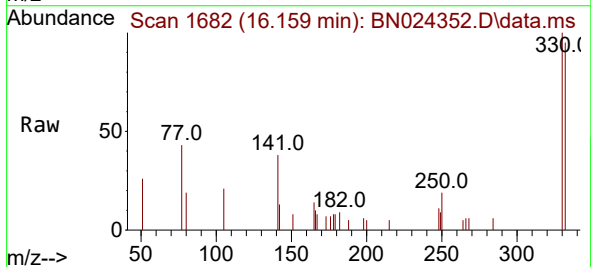
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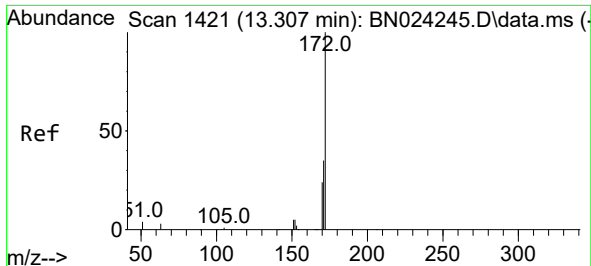
Tgt Ion:164 Resp: 10330
 Ion Ratio Lower Upper
 164 100
 162 104.7 84.7 127.1
 160 56.4 44.6 66.8



#14
 2,4,6-Tribromophenol
 Concen: 0.266 ng
 RT: 16.159 min Scan# 1682
 Delta R.T. 0.000 min
 Lab File: BN024352.D
 Acq: 17 Mar 2023 18:50

Tgt Ion:330 Resp: 1404
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.0 117.0
 141 45.6 30.8 46.2

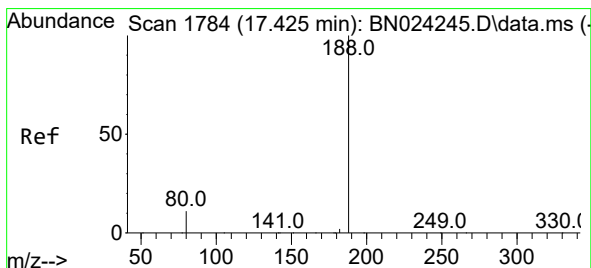
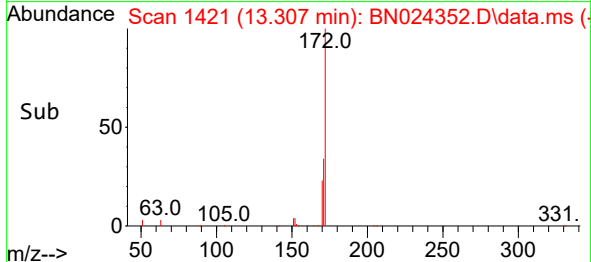
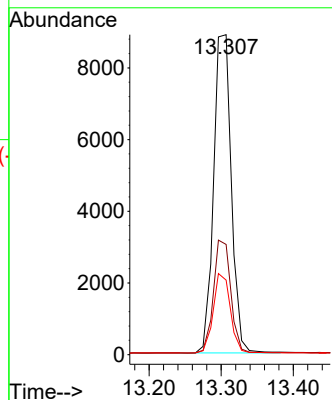
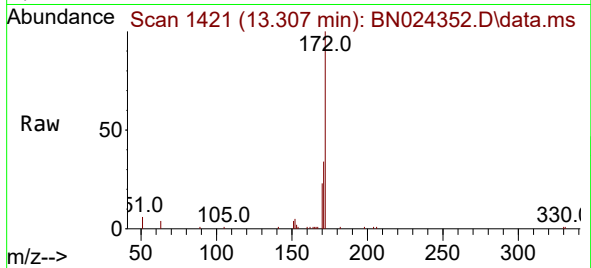




#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024352.D
Acq: 17 Mar 2023 18:50

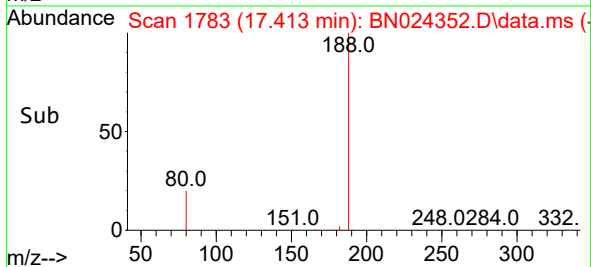
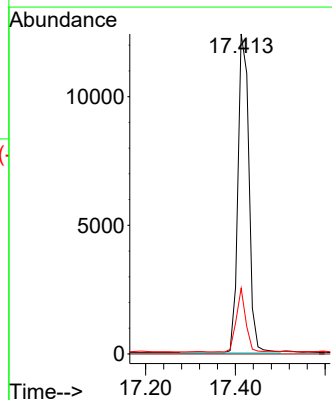
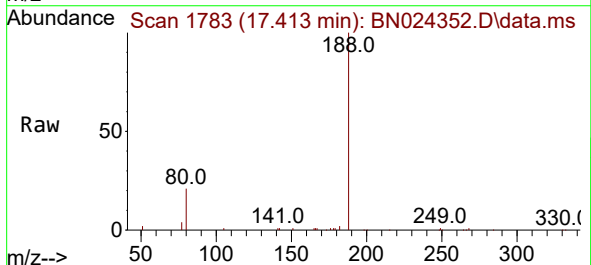
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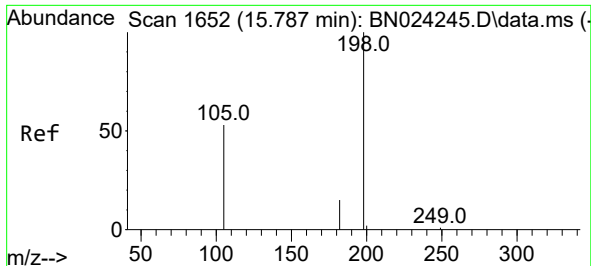
Tgt Ion:172 Resp: 15165
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.3 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN024352.D
Acq: 17 Mar 2023 18:50

Tgt Ion:188 Resp: 20966
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 20.6 8.9 13.3#

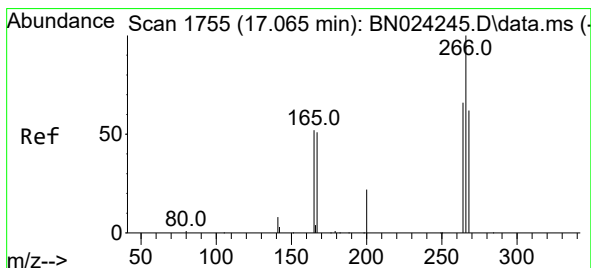
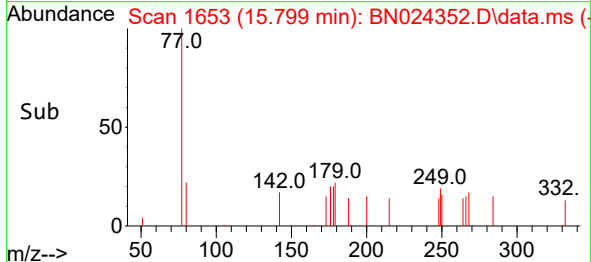
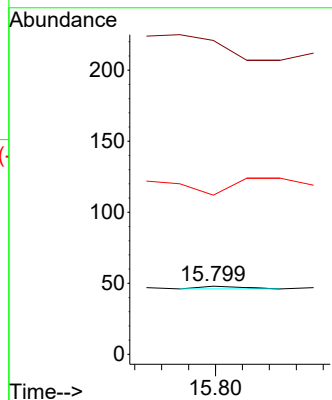
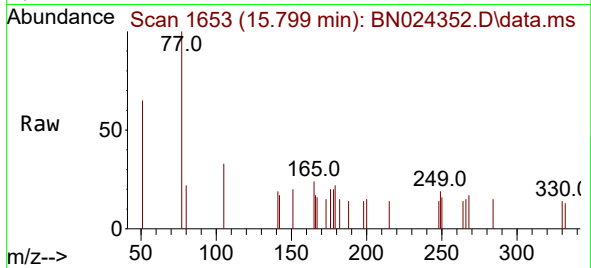




#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.799 min Scan# 1653
Delta R.T. 0.012 min
Lab File: BN024352.D
Acq: 17 Mar 2023 18:50

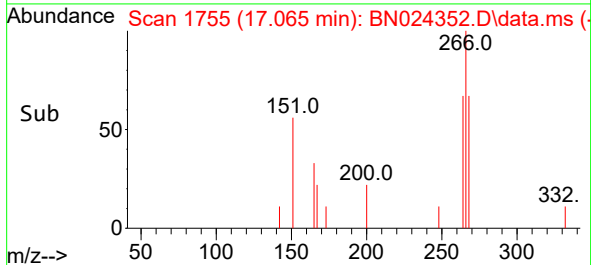
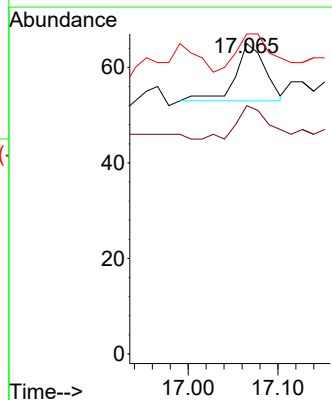
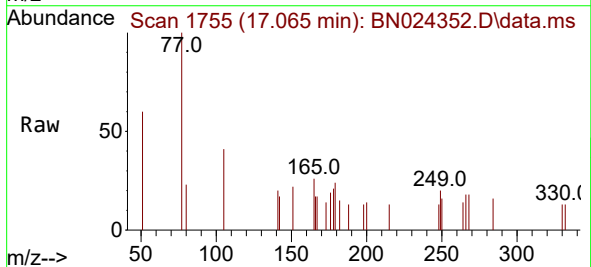
Instrument :
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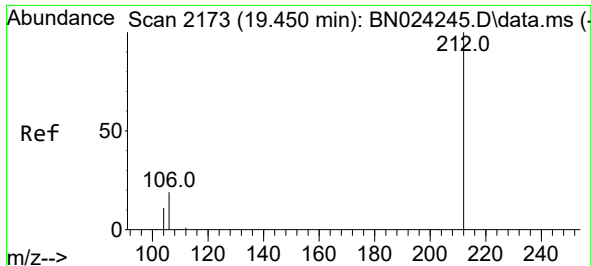
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 460.4 68.2 102.2#
105 233.3 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.132 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BN024352.D
Acq: 17 Mar 2023 18:50

Tgt Ion:266 Resp: 28
Ion Ratio Lower Upper
266 100
264 60.7 51.1 76.7
268 78.6 52.2 78.4#

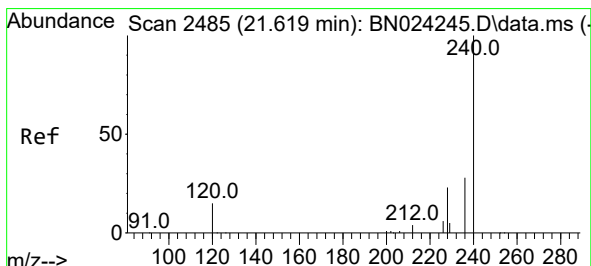
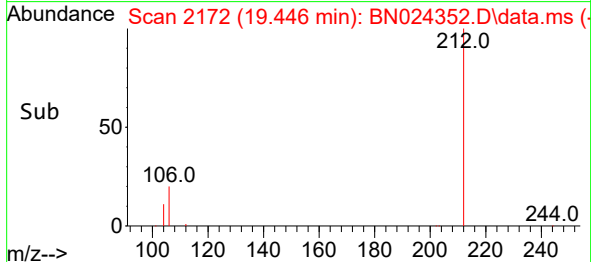
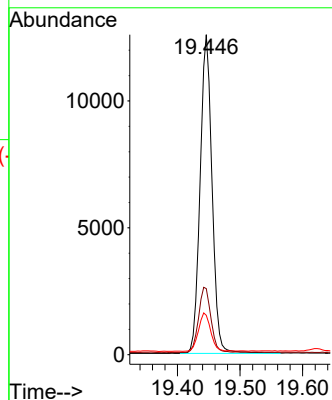
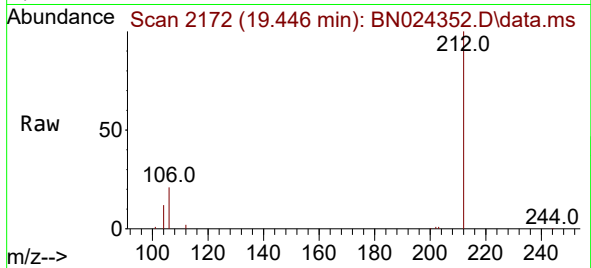




#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024352.D
Acq: 17 Mar 2023 18:50

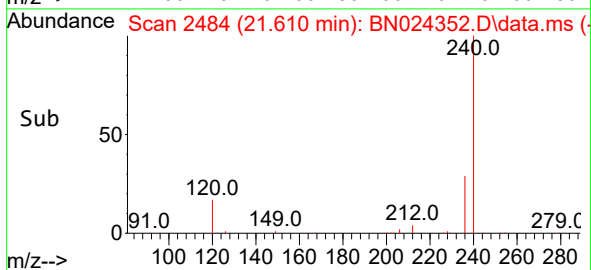
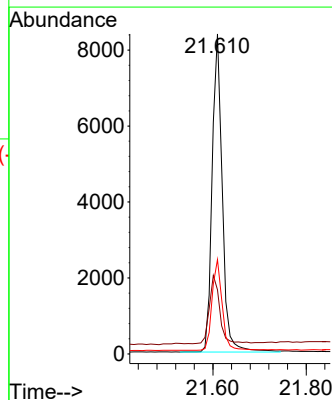
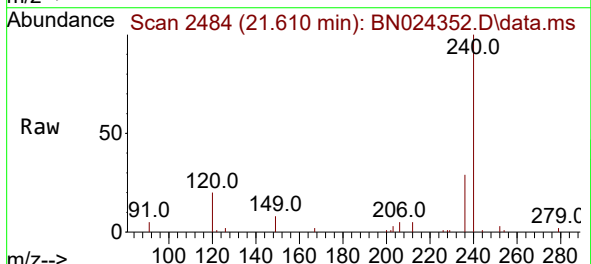
Instrument :
BNA_N
ClientSampleId :
RE115D1-20230309

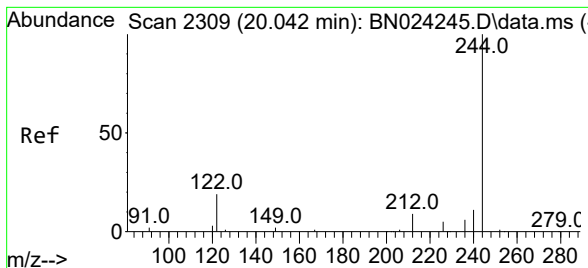
Tgt Ion:212 Resp: 16614
Ion Ratio Lower Upper
212 100
106 21.0 15.4 23.2
104 12.3 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024352.D
Acq: 17 Mar 2023 18:50

Tgt Ion:240 Resp: 12669
Ion Ratio Lower Upper
240 100
120 20.1 12.8 19.2#
236 29.5 22.5 33.7





#31

Terphenyl-d14

Concen: 0.503 ng

RT: 20.034 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024352.D

Acq: 17 Mar 2023 18:50

Instrument :

BNA_N

ClientSampleId :

RE115D1-20230309

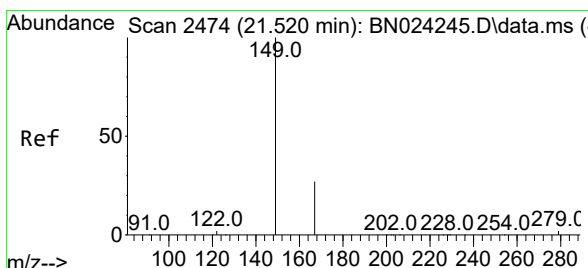
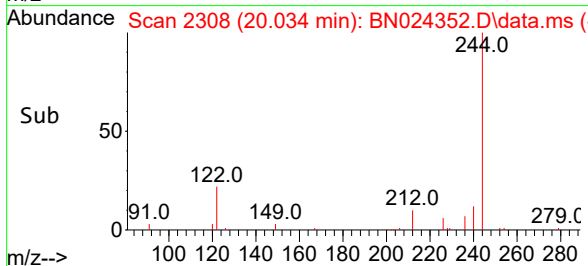
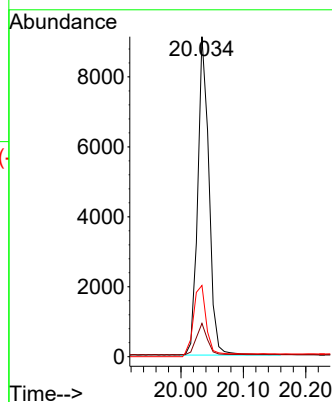
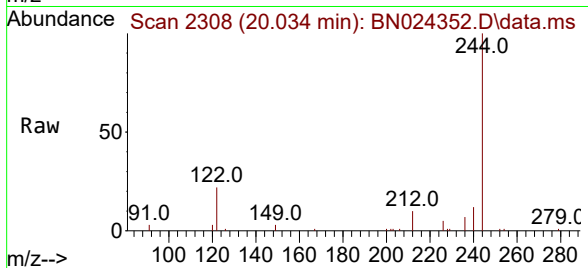
Tgt Ion:244 Resp: 10737

Ion Ratio Lower Upper

244 100

212 10.4 7.6 11.4

122 22.2 15.1 22.7



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.092 ng

RT: 21.502 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BN024352.D

Acq: 17 Mar 2023 18:50

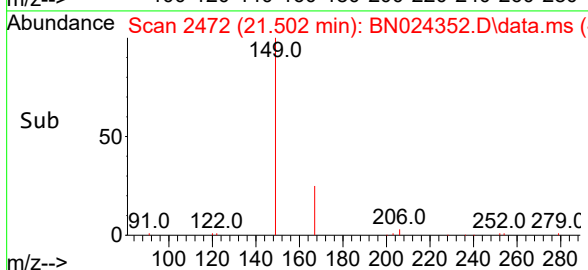
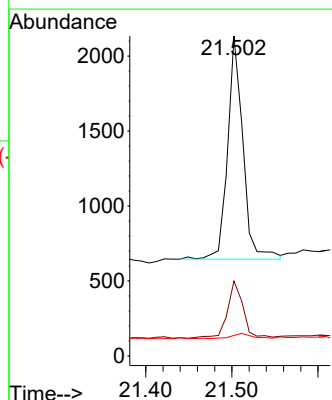
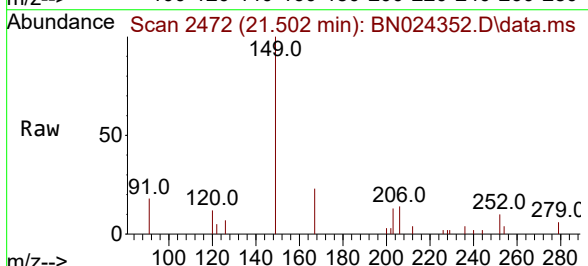
Tgt Ion:149 Resp: 1830

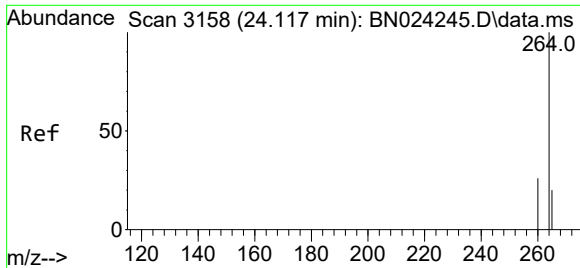
Ion Ratio Lower Upper

149 100

167 26.4 21.2 31.8

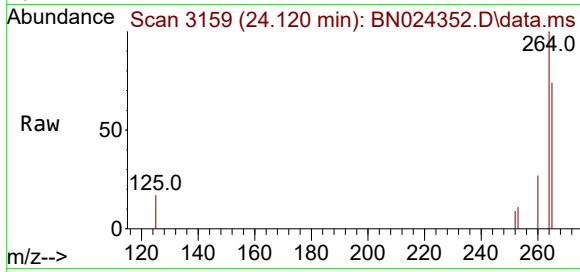
279 3.2 1.8 2.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.120 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BN024352.D
 Acq: 17 Mar 2023 18:50

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20230309



Tgt Ion:264 Resp: 9188
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.4 32.2
 265 74.3 35.7 53.5#

