

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
 Data File : BN024527.D
 Acq On : 24 Mar 2023 02:52
 Operator : CG/JU
 Sample : 01904-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20230313

Quant Time: Mar 24 03:23:18 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 24 03:05:57 2023
 Response via : Initial Calibration

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

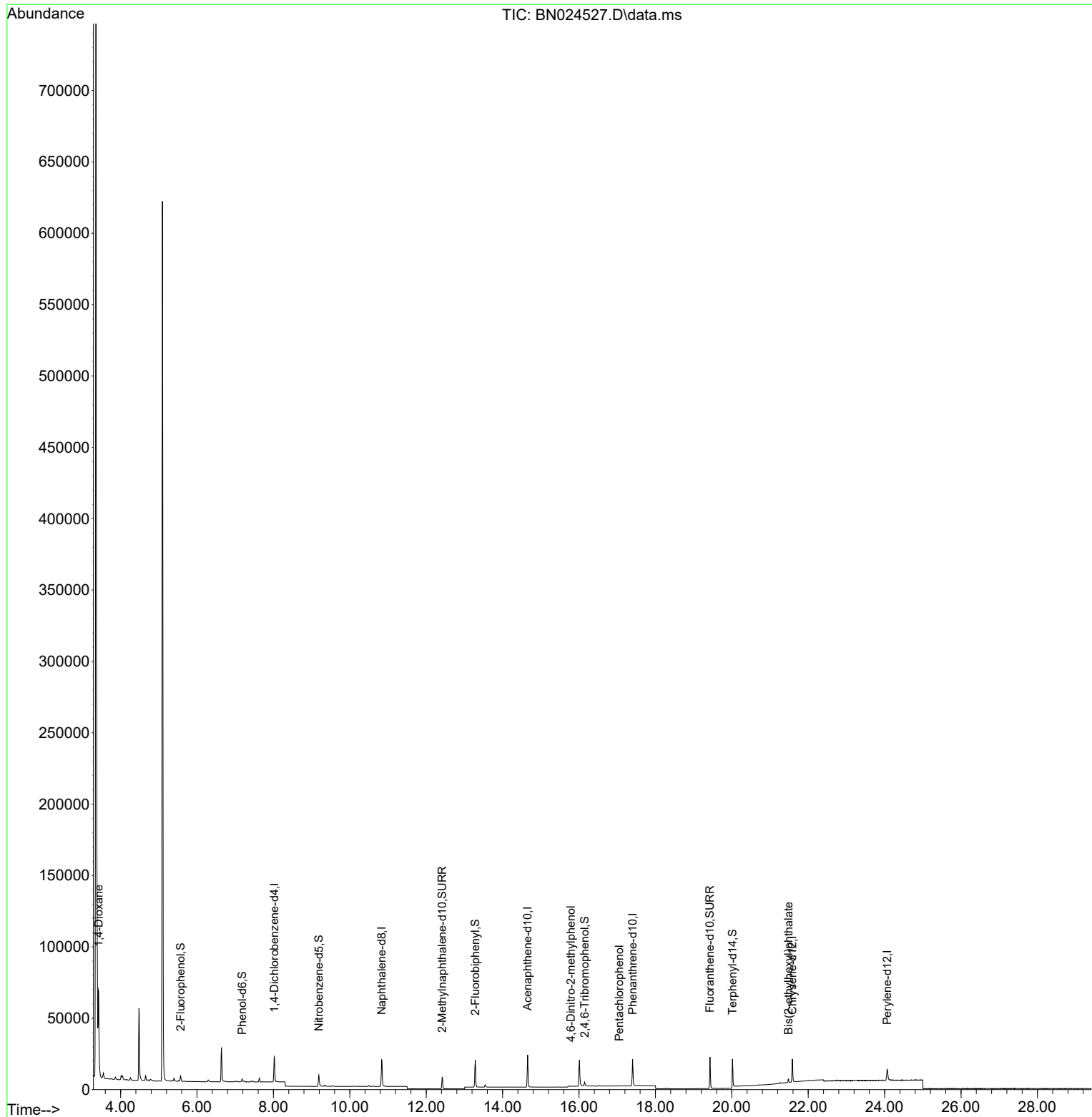
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	8838	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	25317	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	12568	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	26158	0.400	ng	# 0.00
29) Chrysene-d12	21.583	240	15776	0.400	ng	# 0.00
35) Perylene-d12	24.070	264	12953	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	3173	0.162	ng	0.00
5) Phenol-d6	7.180	99	2127	0.085	ng	0.00
8) Nitrobenzene-d5	9.190	82	6675	0.395	ng	0.00
11) 2-Methylnaphthalene-d10	12.418	152	11382	0.366	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	1752	0.273	ng	0.00
15) 2-Fluorobiphenyl	13.285	172	16735	0.353	ng	0.00
27) Fluoranthene-d10	19.429	212	24425	0.440	ng	0.00
31) Terphenyl-d14	20.016	244	14918	0.561	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.425	88	34869	3.626	ng	99
20) 4,6-Dinitro-2-methylph...	15.787	198	4	0.179	ng	# 1
24) Pentachlorophenol	17.053	266	44	0.132	ng	93
34) Bis(2-ethylhexyl)phtha...	21.484	149	3030	0.122	ng	# 96

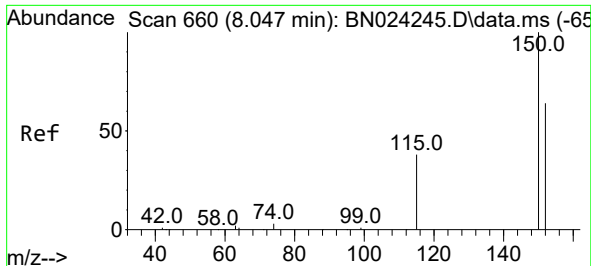
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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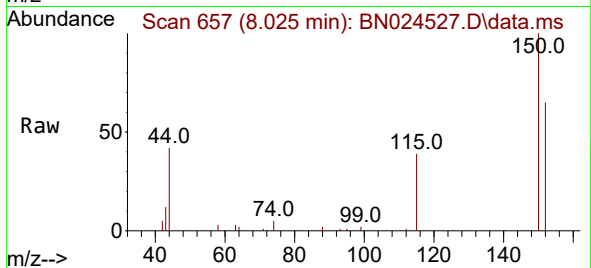
Quant Time: Mar 24 03:23:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
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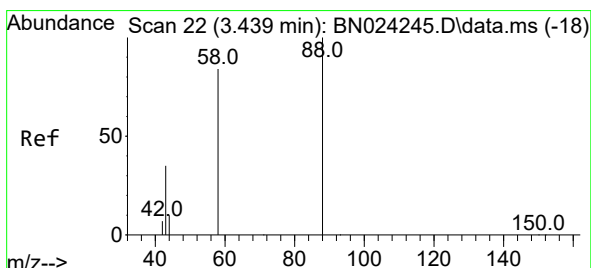
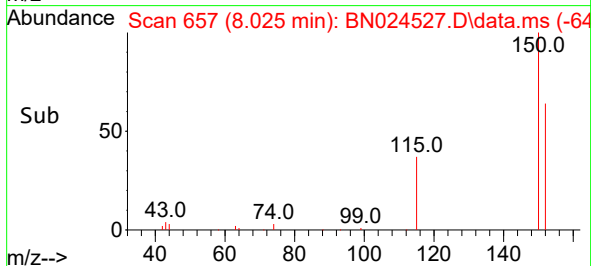
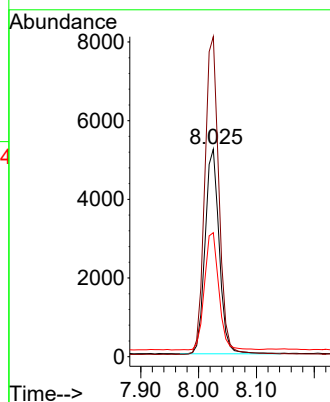


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.025 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN024527.D
Acq: 24 Mar 2023 02:52

Instrument :
BNA_N
ClientSampleId :
RW4-20230313

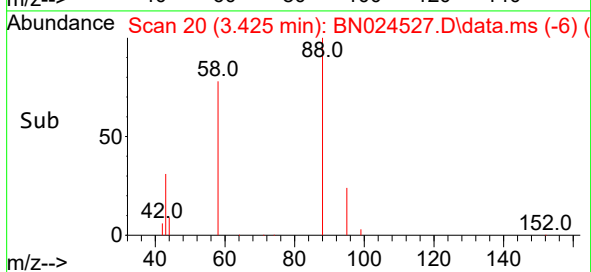
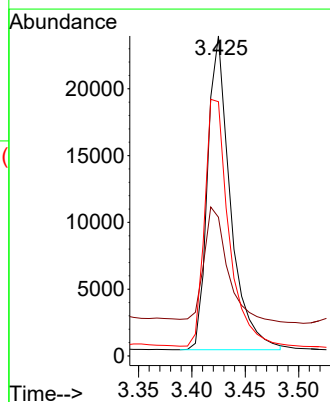
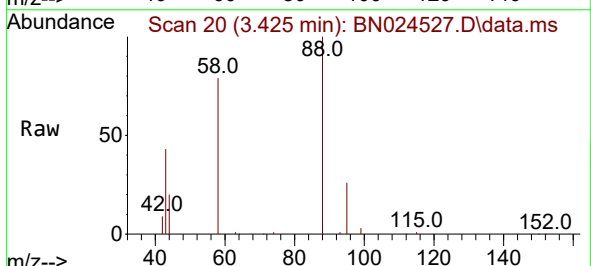


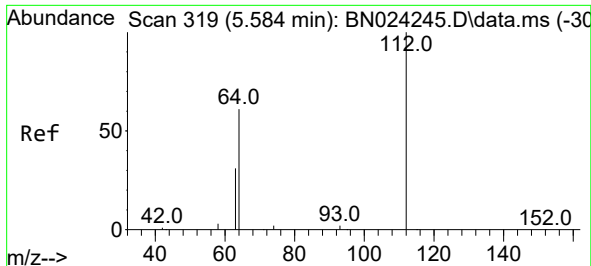
Tgt Ion:152 Resp: 8838
Ion Ratio Lower Upper
152 100
150 154.2 124.7 187.1
115 59.8 49.1 73.7



#2
1,4-Dioxane
Concen: 3.626 ng
RT: 3.425 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN024527.D
Acq: 24 Mar 2023 02:52

Tgt Ion: 88 Resp: 34869
Ion Ratio Lower Upper
88 100
43 37.8 29.0 43.4
58 83.2 67.3 100.9





#4

2-Fluorophenol

Concen: 0.162 ng

RT: 5.570 min Scan# 319

Delta R.T. -0.000 min

Lab File: BN024527.D

Acq: 24 Mar 2023 02:52

Instrument :

BNA_N

ClientSampleId :

RW4-20230313

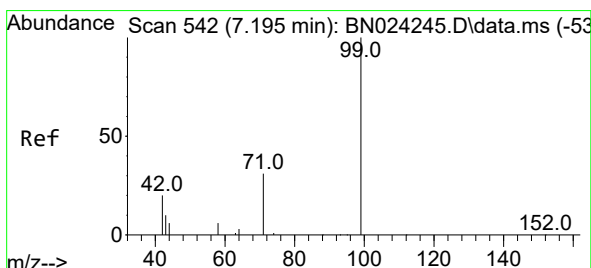
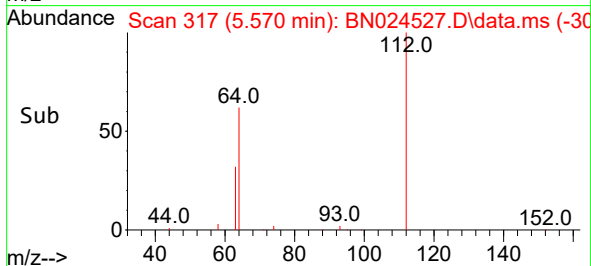
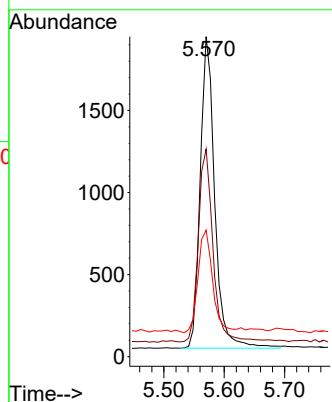
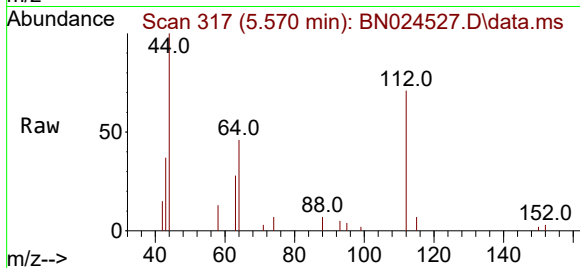
Tgt Ion:112 Resp: 3173

Ion Ratio Lower Upper

112 100

64 62.8 49.0 73.6

63 33.1 25.7 38.5



#5

Phenol-d6

Concen: 0.085 ng

RT: 7.180 min Scan# 540

Delta R.T. -0.000 min

Lab File: BN024527.D

Acq: 24 Mar 2023 02:52

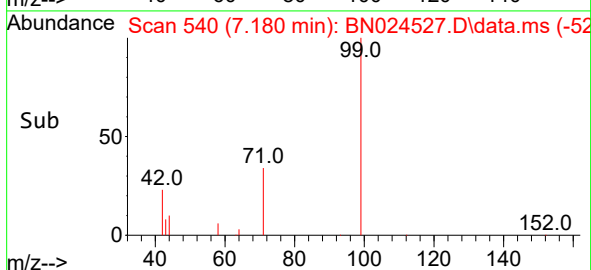
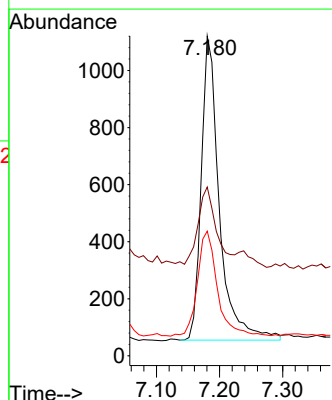
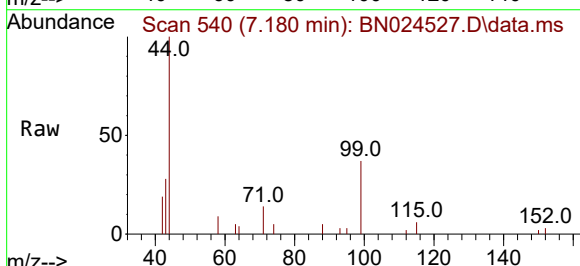
Tgt Ion: 99 Resp: 2127

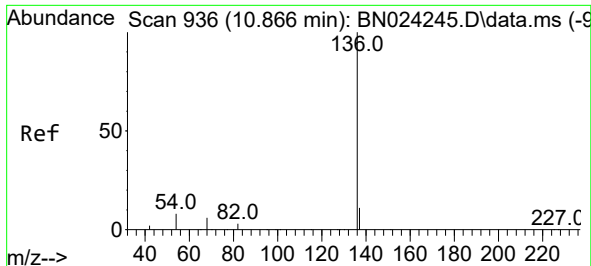
Ion Ratio Lower Upper

99 100

42 24.4 20.1 30.1

71 38.0 25.8 38.8

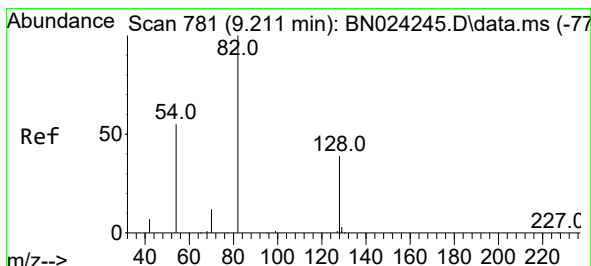
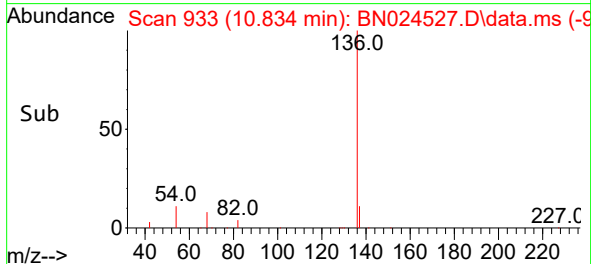
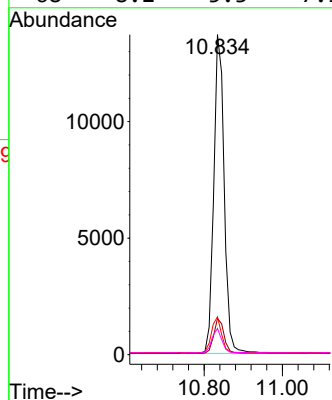
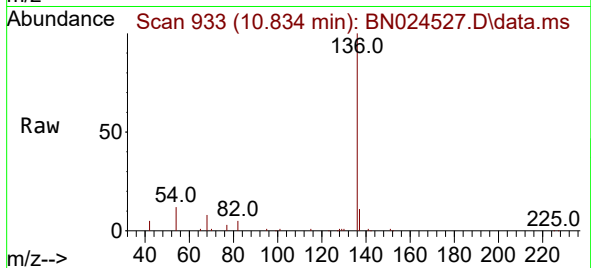




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.834 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN024527.D
Acq: 24 Mar 2023 02:52

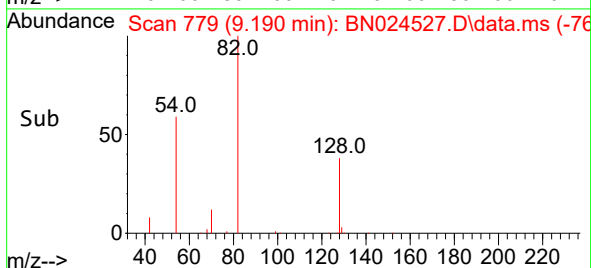
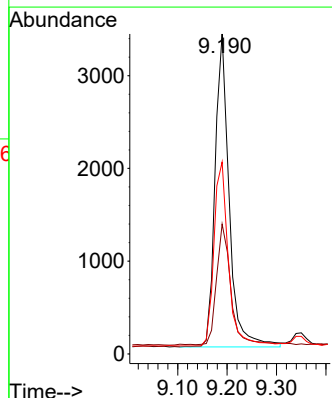
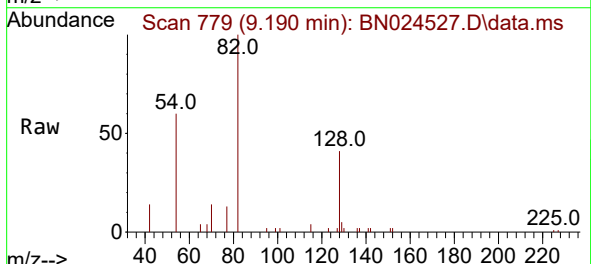
Instrument :
BNA_N
ClientSampleId :
RW4-20230313

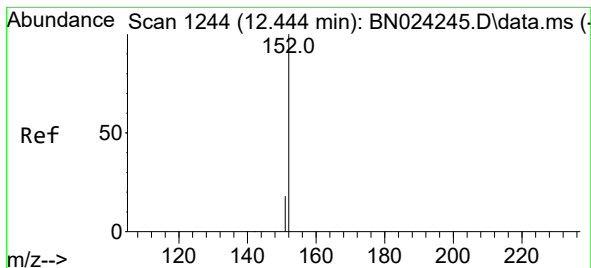
Tgt Ion:	136	Resp:	25317
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	11.8	7.1	10.7#
68	8.2	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 9.190 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN024527.D
Acq: 24 Mar 2023 02:52

Tgt Ion:	82	Resp:	6675
Ion Ratio	Lower	Upper	
82	100		
128	40.6	32.4	48.6
54	60.0	45.2	67.8

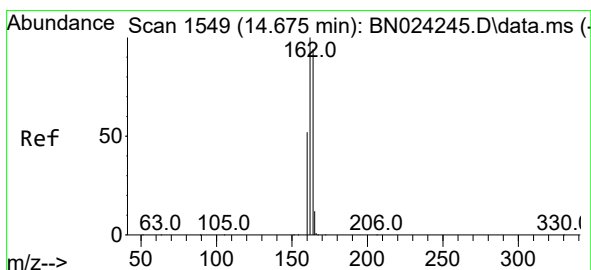
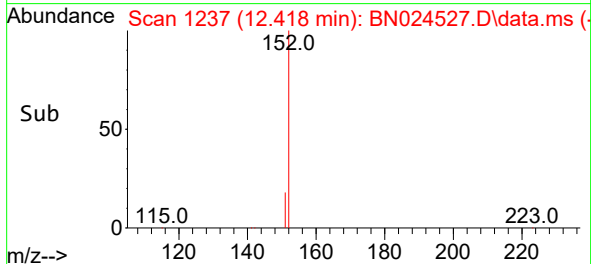
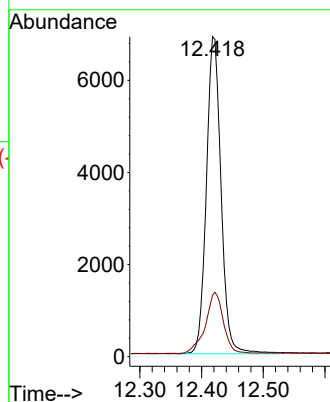
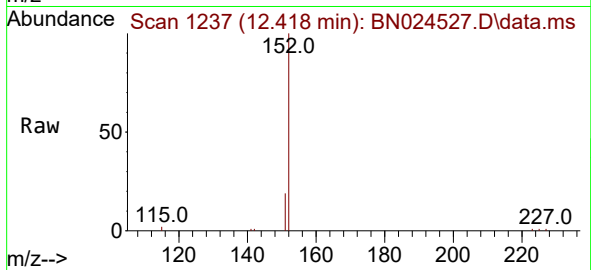




#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 12.418 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024527.D
Acq: 24 Mar 2023 02:52

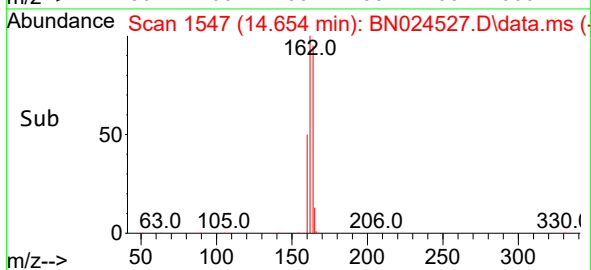
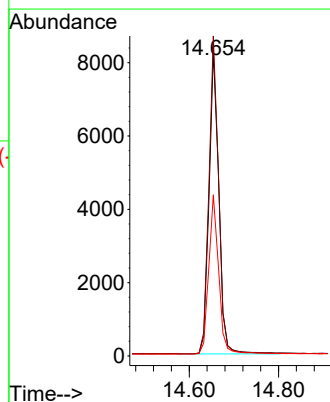
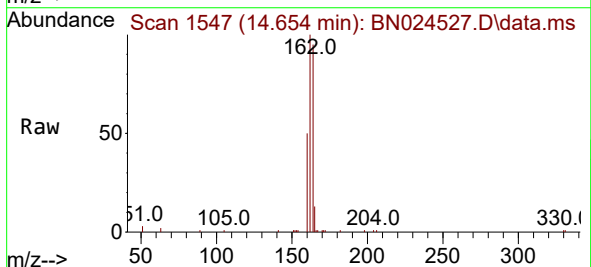
Instrument :
BNA_N
ClientSampleId :
RW4-20230313

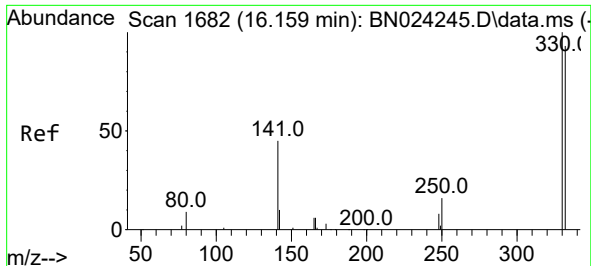
Tgt Ion:152 Resp: 11382
Ion Ratio Lower Upper
152 100
151 23.5 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.654 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BN024527.D
Acq: 24 Mar 2023 02:52

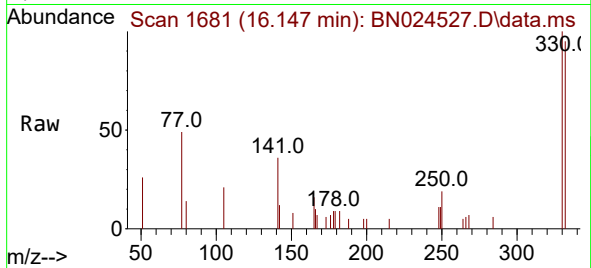
Tgt Ion:164 Resp: 12568
Ion Ratio Lower Upper
164 100
162 105.1 84.7 127.1
160 52.9 44.6 66.8



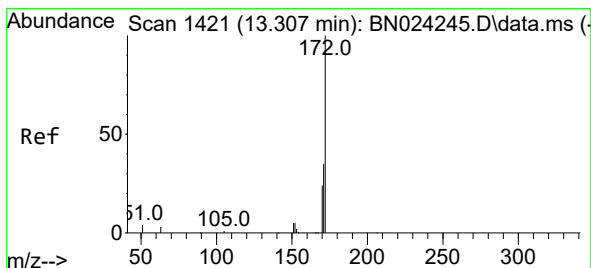
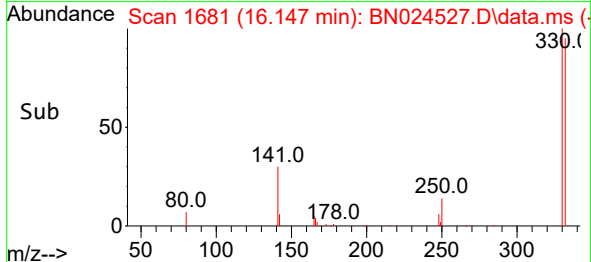
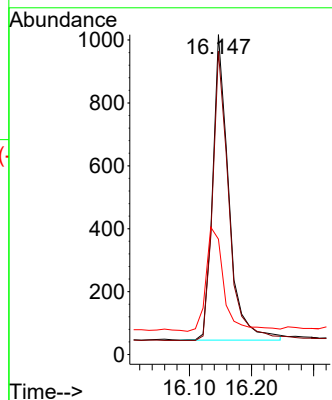


#14
2,4,6-Tribromophenol
Concen: 0.273 ng
RT: 16.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024527.D
Acq: 24 Mar 2023 02:52

Instrument :
BNA_N
ClientSampleId :
RW4-20230313

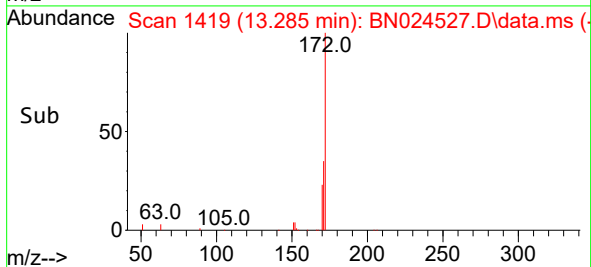
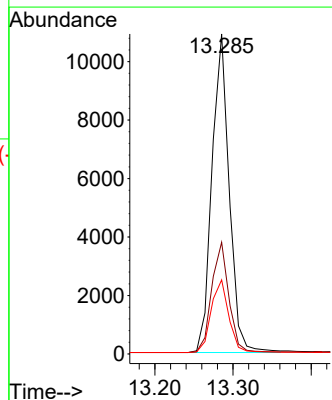
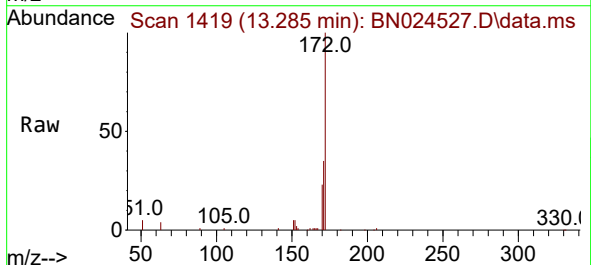


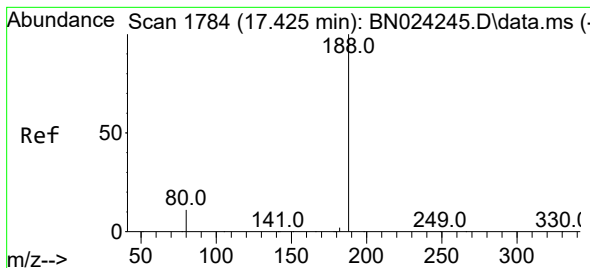
Tgt Ion:330 Resp: 1752
Ion Ratio Lower Upper
330 100
332 95.1 78.0 117.0
141 38.0 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.285 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BN024527.D
Acq: 24 Mar 2023 02:52

Tgt Ion:172 Resp: 16735
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.2 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.400 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024527.D

Acq: 24 Mar 2023 02:52

Instrument :

BNA_N

ClientSampleId :

RW4-20230313

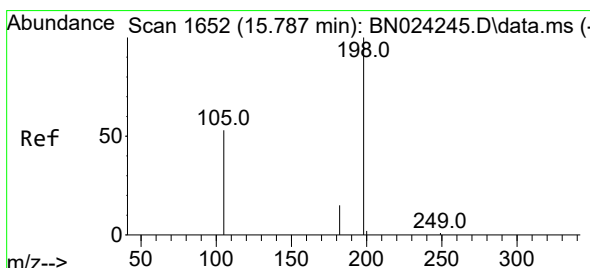
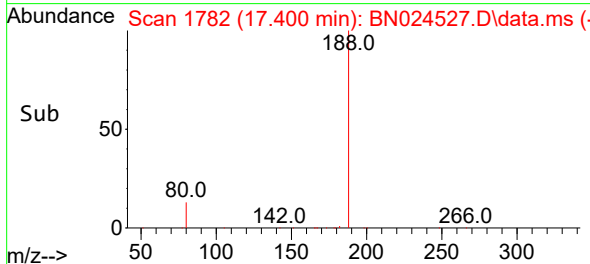
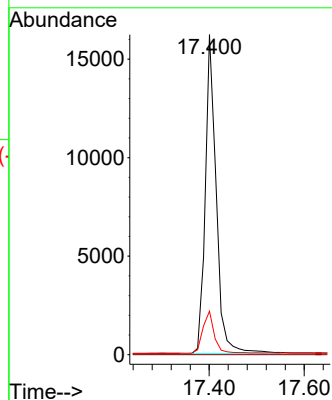
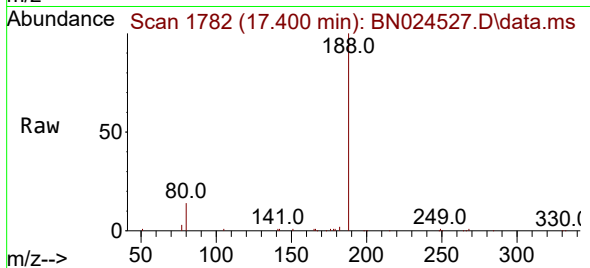
Tgt Ion:188 Resp: 26158

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.6 8.9 13.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.179 ng

RT: 15.787 min Scan# 1652

Delta R.T. 0.012 min

Lab File: BN024527.D

Acq: 24 Mar 2023 02:52

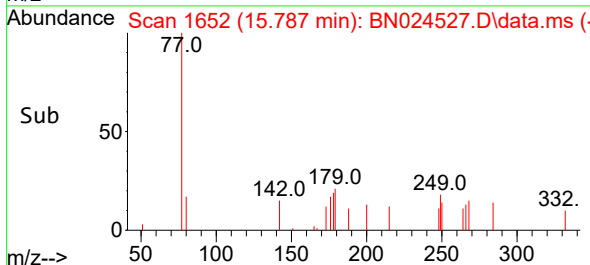
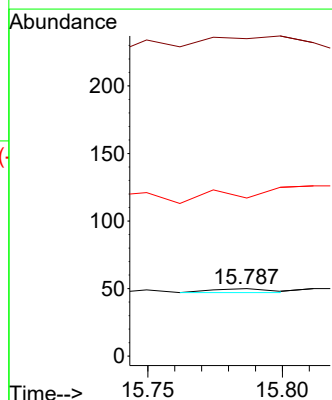
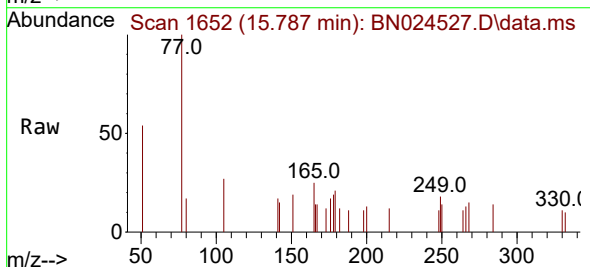
Tgt Ion:198 Resp: 4

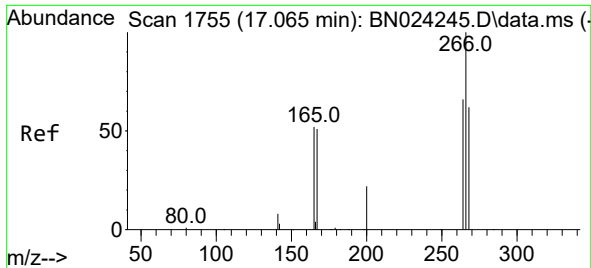
Ion Ratio Lower Upper

198 100

51 470.0 68.2 102.2#

105 234.0 51.6 77.4#

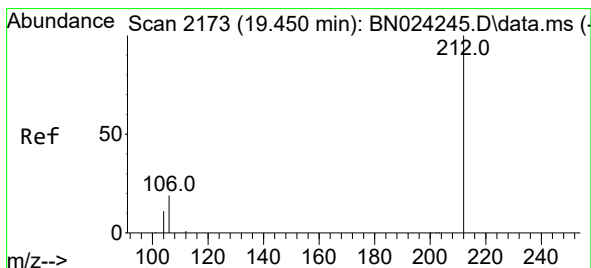
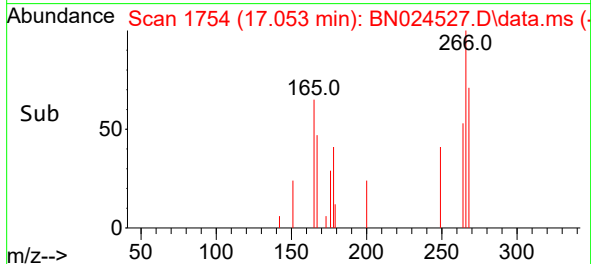
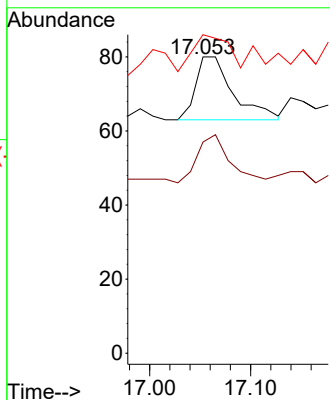
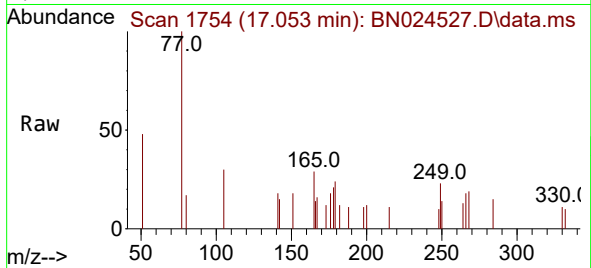




#24
 Pentachlorophenol
 Concen: 0.132 ng
 RT: 17.053 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN024527.D
 Acq: 24 Mar 2023 02:52

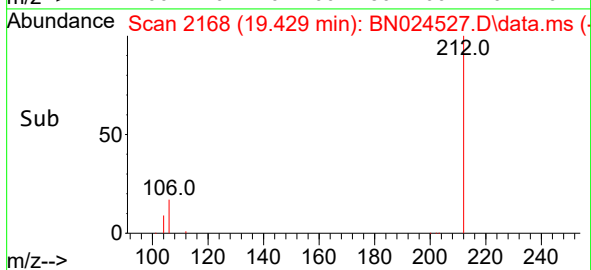
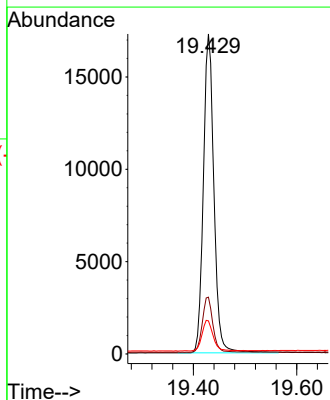
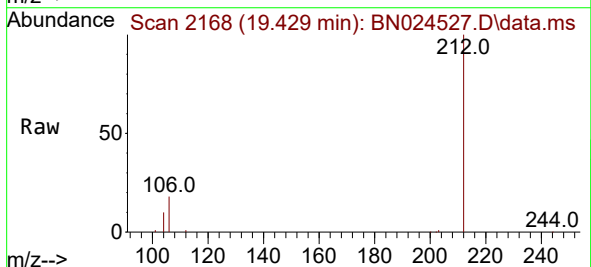
Instrument :
 BNA_N
 ClientSampleId :
 RW4-20230313

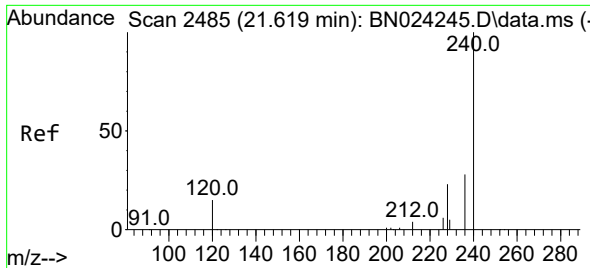
Tgt Ion:266 Resp: 44
 Ion Ratio Lower Upper
 266 100
 264 65.9 51.1 76.7
 268 56.8 52.2 78.4



#27
 Fluoranthene-d10
 Concen: 0.440 ng
 RT: 19.429 min Scan# 2168
 Delta R.T. -0.000 min
 Lab File: BN024527.D
 Acq: 24 Mar 2023 02:52

Tgt Ion:212 Resp: 24425
 Ion Ratio Lower Upper
 212 100
 106 17.3 15.4 23.2
 104 9.9 8.6 13.0

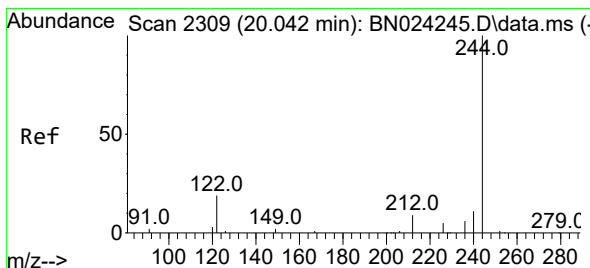
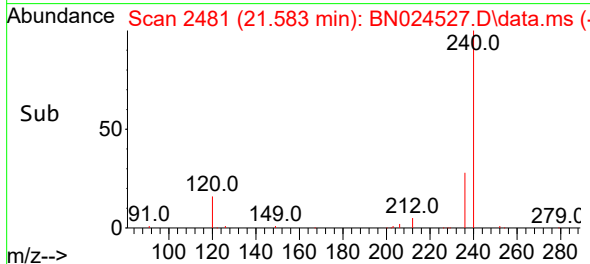
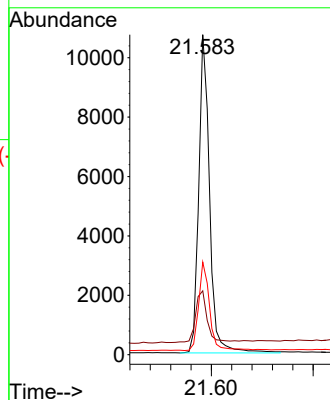
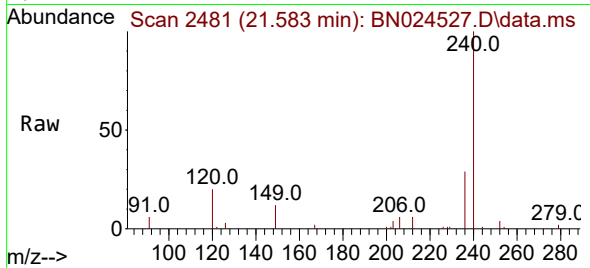




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.583 min Scan# 2481
Delta R.T. -0.000 min
Lab File: BN024527.D
Acq: 24 Mar 2023 02:52

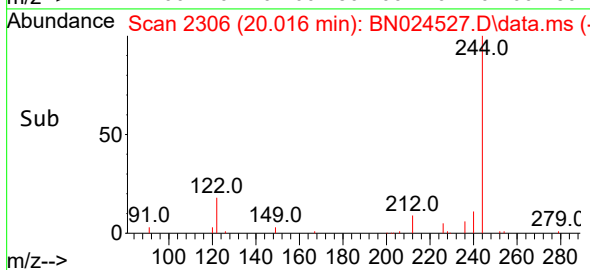
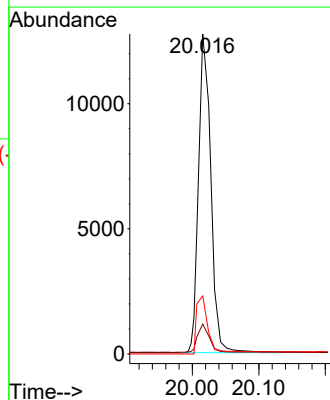
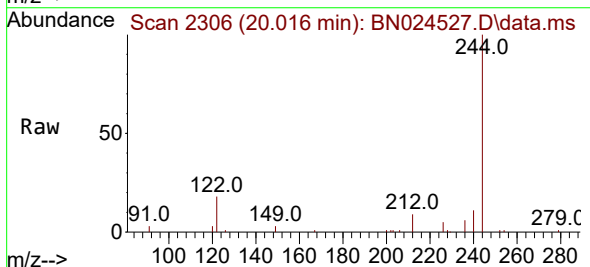
Instrument :
BNA_N
ClientSampleId :
RW4-20230313

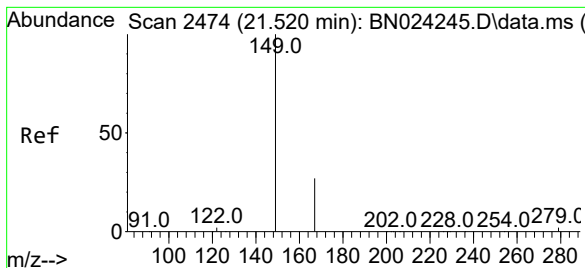
Tgt Ion:240 Resp: 15776
Ion Ratio Lower Upper
240 100
120 20.0 12.8 19.2#
236 29.0 22.5 33.7



#31
Terphenyl-d14
Concen: 0.561 ng
RT: 20.016 min Scan# 2306
Delta R.T. -0.000 min
Lab File: BN024527.D
Acq: 24 Mar 2023 02:52

Tgt Ion:244 Resp: 14918
Ion Ratio Lower Upper
244 100
212 9.4 7.6 11.4
122 18.1 15.1 22.7

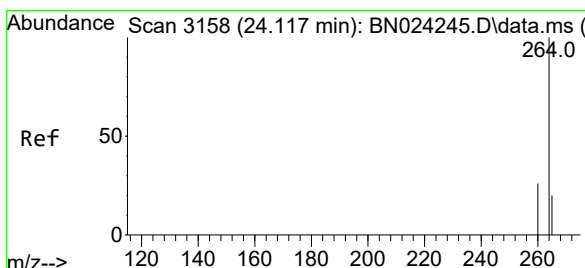
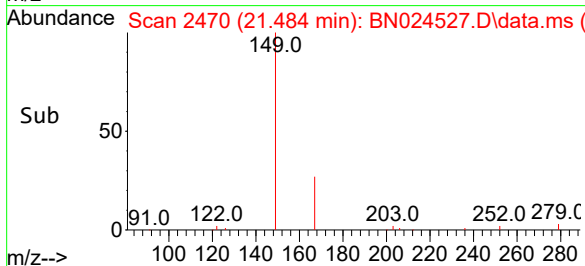
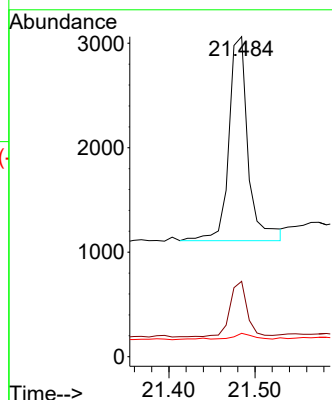
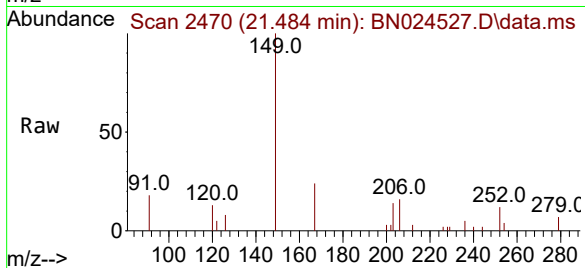




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.122 ng
 RT: 21.484 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: BN024527.D
 Acq: 24 Mar 2023 02:52

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20230313

Tgt Ion:149 Resp: 3030
 Ion Ratio Lower Upper
 149 100
 167 24.2 21.2 31.8
 279 2.9 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.070 min Scan# 3142
 Delta R.T. -0.009 min
 Lab File: BN024527.D
 Acq: 24 Mar 2023 02:52

Tgt Ion:264 Resp: 12953
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.4 32.2
 265 98.6 35.7 53.5#

