

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024330.D
 Acq On : 17 Mar 2023 02:44
 Operator : CG/JU
 Sample : 01843-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB01-20230308

Quant Time: Mar 17 04:45:34 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)

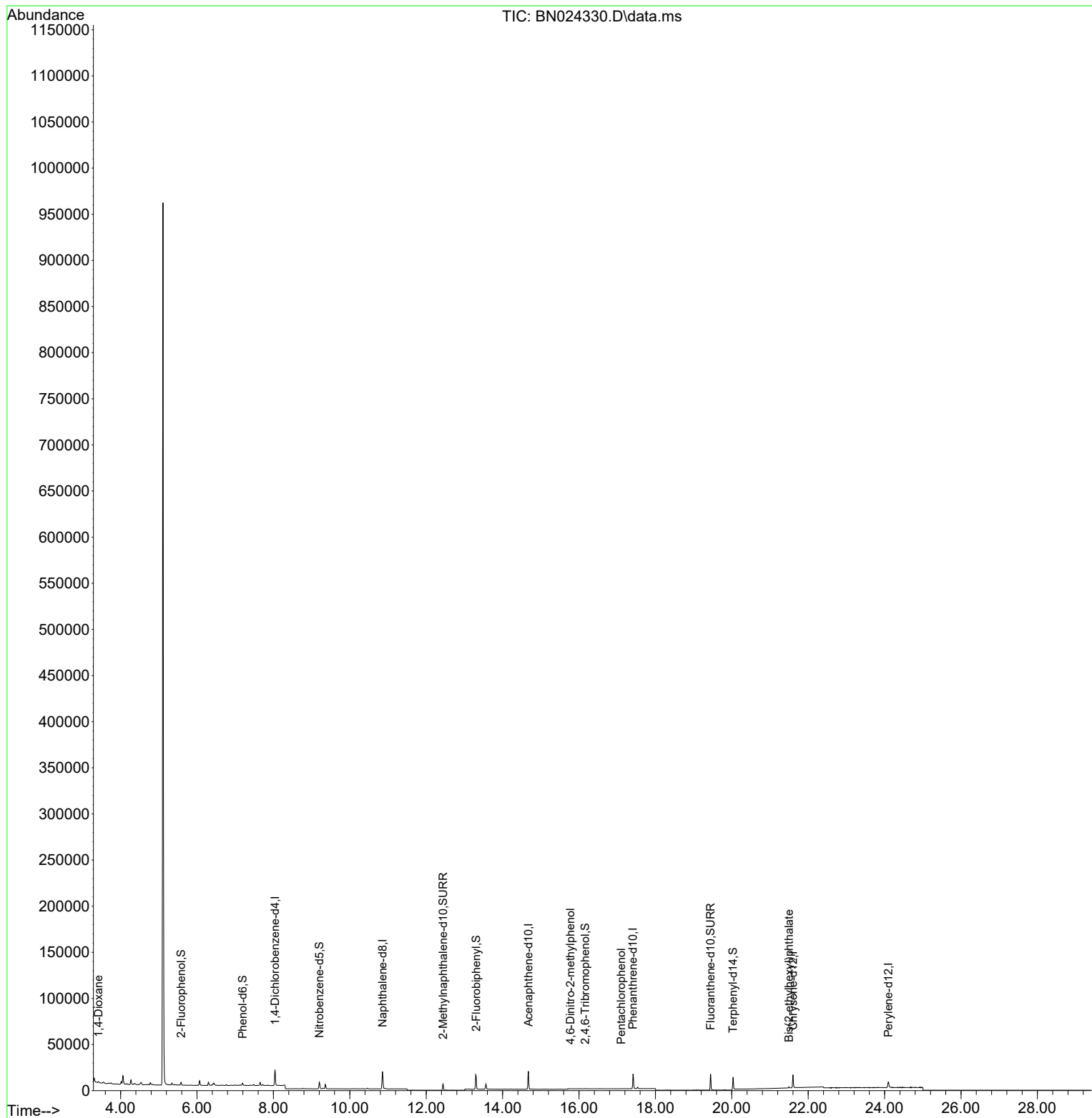
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	8061	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	23189	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	10576	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	21142	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	13247	0.400	ng	# 0.00
35) Perylene-d12	24.097	264	9559	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2524	0.141	ng	0.00
5) Phenol-d6	7.195	99	1948	0.085	ng	0.00
8) Nitrobenzene-d5	9.201	82	5660	0.365	ng	0.00
11) 2-Methylnaphthalene-d10	12.441	152	9349	0.328	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	182	0.034	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	13983	0.350	ng	0.00
27) Fluoranthene-d10	19.446	212	17908	0.400	ng	0.00
31) Terphenyl-d14	20.034	244	9521	0.426	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.418	88	229	0.026	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.774	198	4	0.179	ng	# 1
24) Pentachlorophenol	17.103	266	13	0.130	ng	# 18
34) Bis(2-ethylhexyl)phtha...	21.493	149	1255	0.060	ng	99

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

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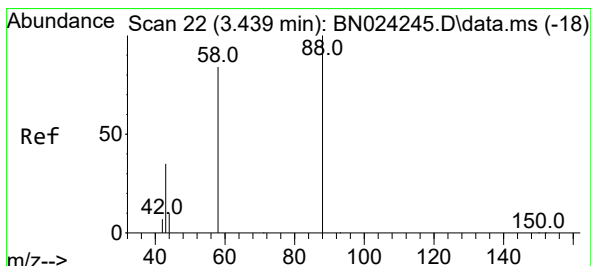
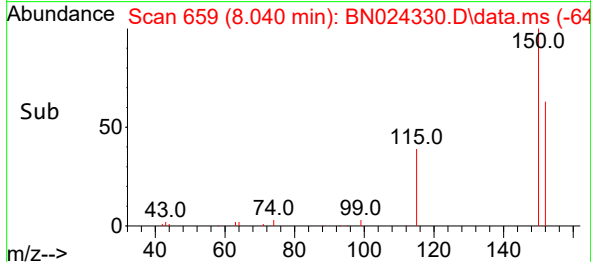
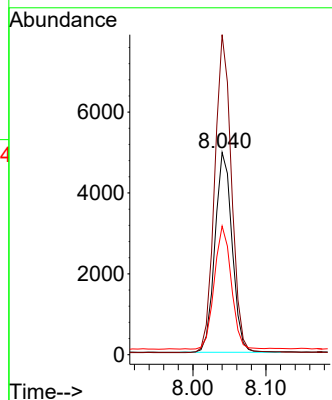
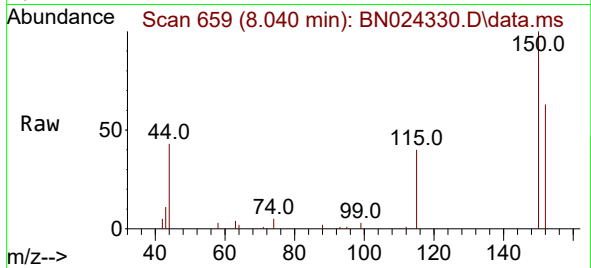




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024330.D
 Acq: 17 Mar 2023 02:44

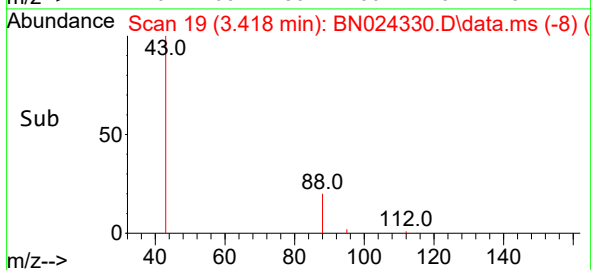
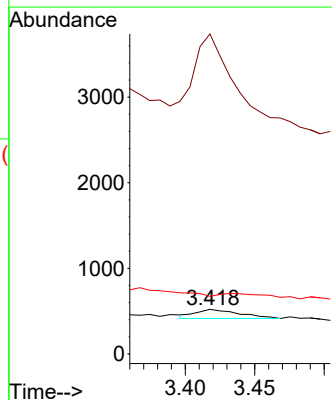
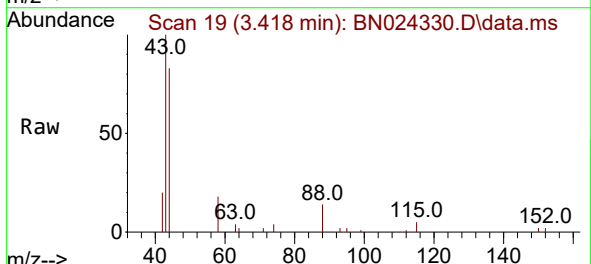
Instrument :
 BNA_N
 ClientSampleId :
 FB01-20230308

Tgt Ion:152 Resp: 8061
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.7 187.1
 115 63.6 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.026 ng
 RT: 3.418 min Scan# 19
 Delta R.T. -0.022 min
 Lab File: BN024330.D
 Acq: 17 Mar 2023 02:44

Tgt Ion: 88 Resp: 229
 Ion Ratio Lower Upper
 88 100
 43 1210.5 29.0 43.4#
 58 69.0 67.3 100.9





#4

2-Fluorophenol

Concen: 0.141 ng

RT: 5.584 min Scan# 319

Delta R.T. 0.007 min

Lab File: BN024330.D

Acq: 17 Mar 2023 02:44

Instrument :

BNA_N

ClientSampleId :

FB01-20230308

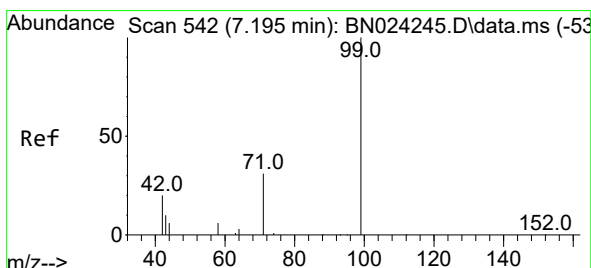
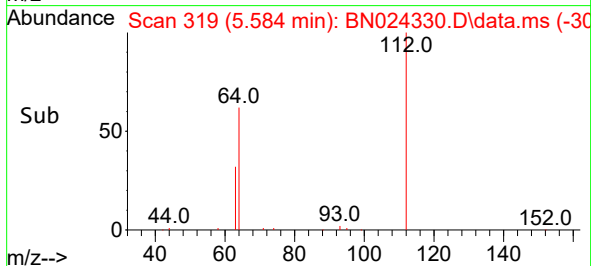
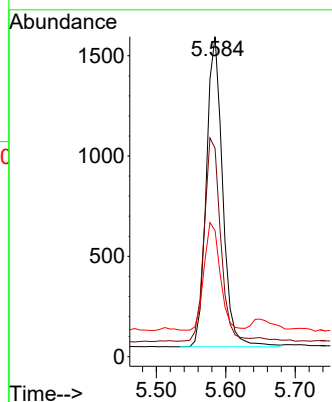
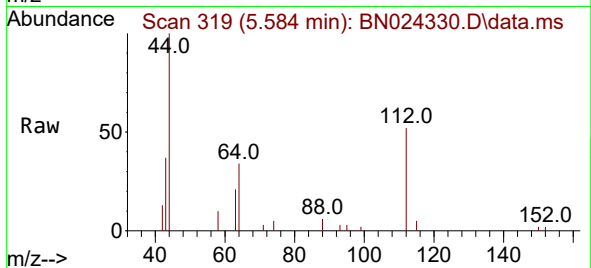
Tgt Ion:112 Resp: 2524

Ion Ratio Lower Upper

112 100

64 65.4 49.0 73.6

63 34.2 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: BN024330.D

Acq: 17 Mar 2023 02:44

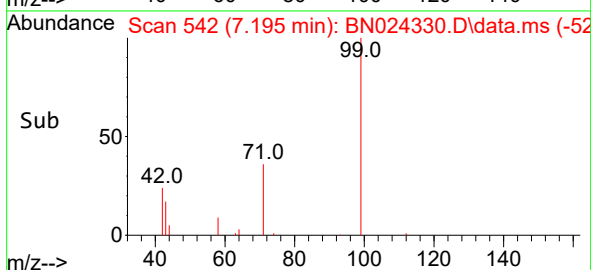
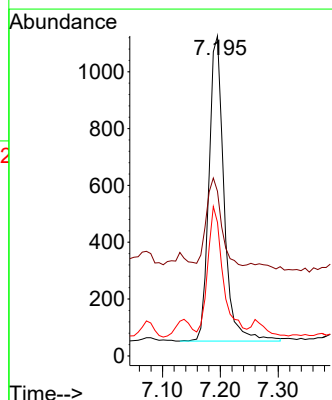
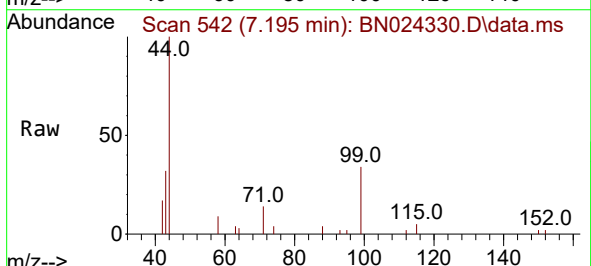
Tgt Ion: 99 Resp: 1948

Ion Ratio Lower Upper

99 100

42 29.0 20.1 30.1

71 43.7 25.8 38.8#

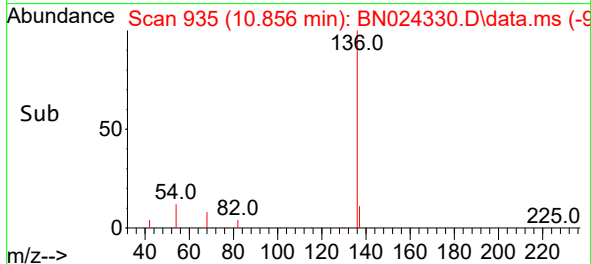
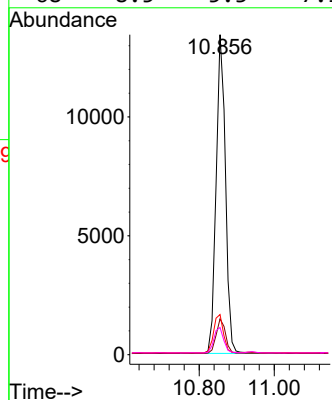
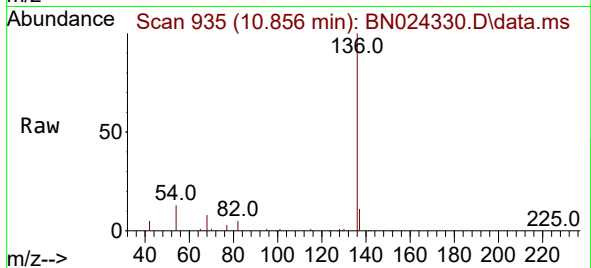




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024330.D
Acq: 17 Mar 2023 02:44

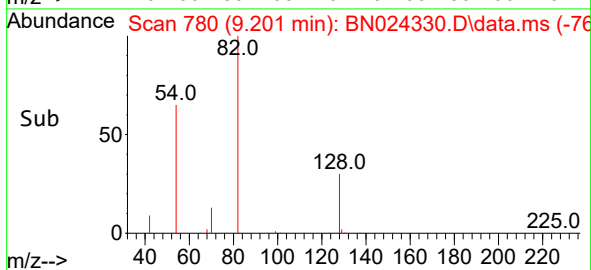
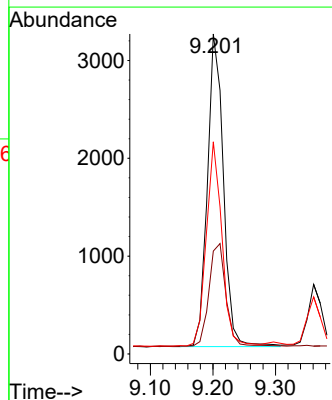
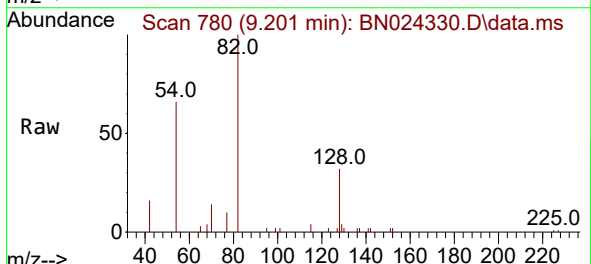
Instrument :
BNA_N
ClientSampleId :
FB01-20230308

Tgt Ion:	136	Resp:	23189
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	12.5	7.1	10.7#
68	8.5	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024330.D
Acq: 17 Mar 2023 02:44

Tgt Ion:	82	Resp:	5660
Ion Ratio	Lower	Upper	
82	100		
128	32.2	32.4	48.6#
54	66.3	45.2	67.8





#11

2-Methylnaphthalene-d10

Concen: 0.328 ng

RT: 12.441 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BN024330.D

Acq: 17 Mar 2023 02:44

Instrument :

BNA_N

ClientSampleId :

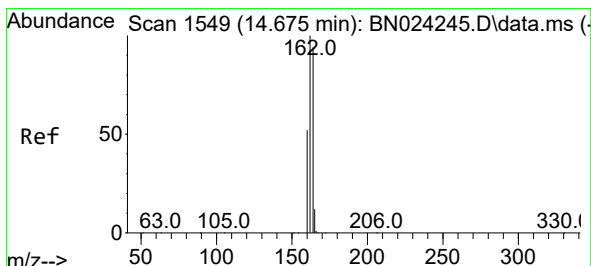
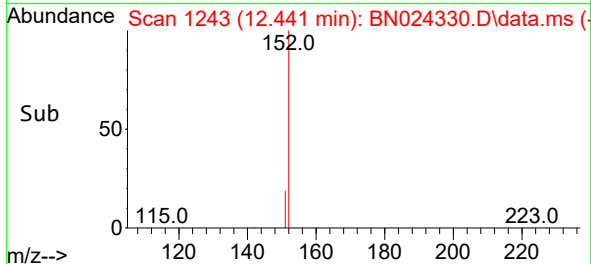
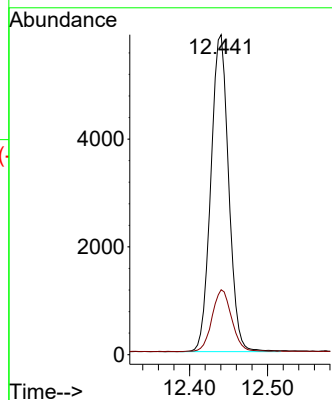
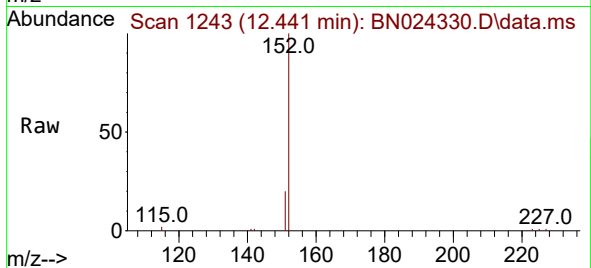
FB01-20230308

Tgt Ion:152 Resp: 9349

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# 1549

Delta R.T. 0.000 min

Lab File: BN024330.D

Acq: 17 Mar 2023 02:44

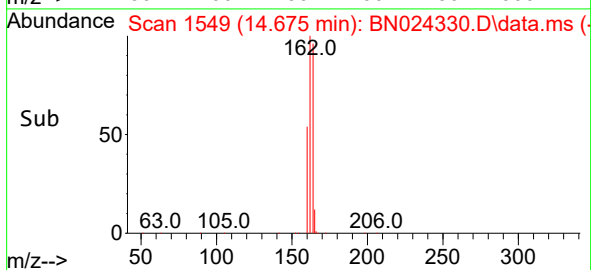
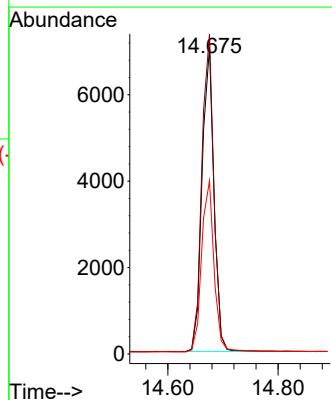
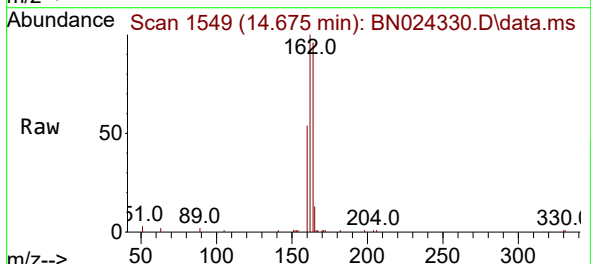
Tgt Ion:164 Resp: 10576

Ion Ratio Lower Upper

164 100

162 104.3 84.7 127.1

160 56.4 44.6 66.8

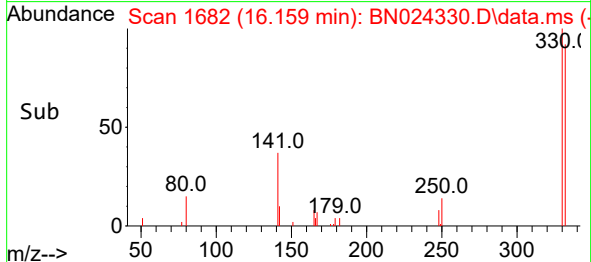
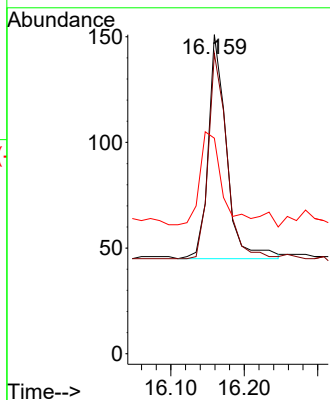
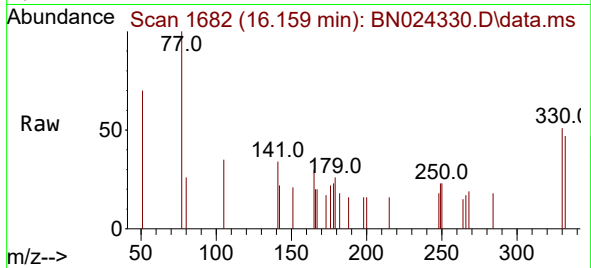




#14
2,4,6-Tribromophenol
Concen: 0.034 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024330.D
Acq: 17 Mar 2023 02:44

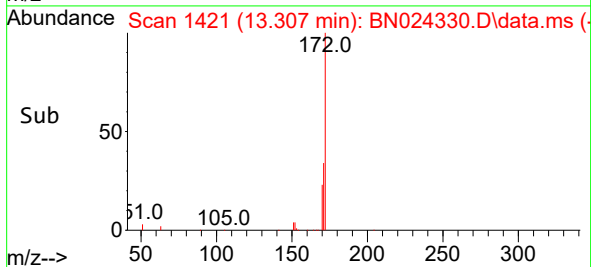
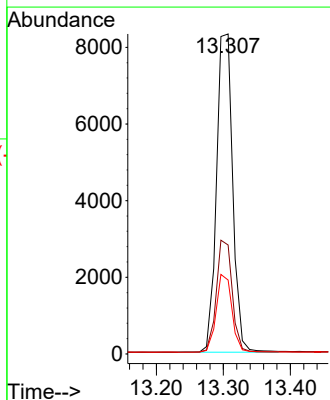
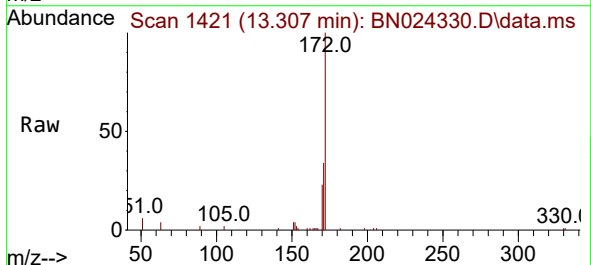
Instrument :
BNA_N
ClientSampleId :
FB01-20230308

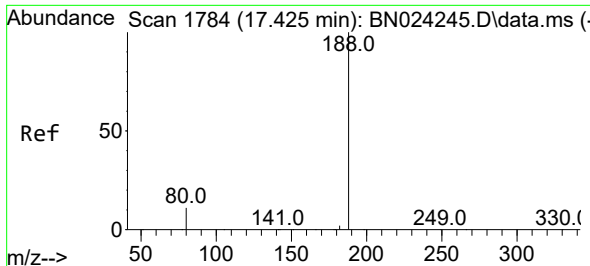
Tgt Ion: 330 Resp: 182
Ion Ratio Lower Upper
330 100
332 92.9 78.0 117.0
141 57.1 30.8 46.2#



#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024330.D
Acq: 17 Mar 2023 02:44

Tgt Ion: 172 Resp: 13983
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.8
170 23.1 19.0 28.6

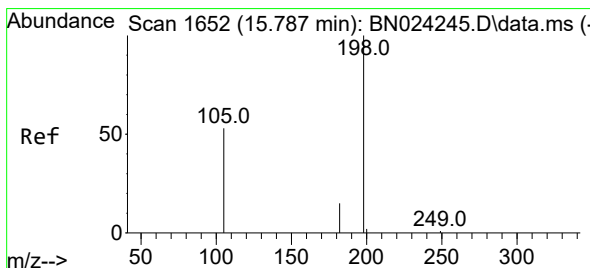
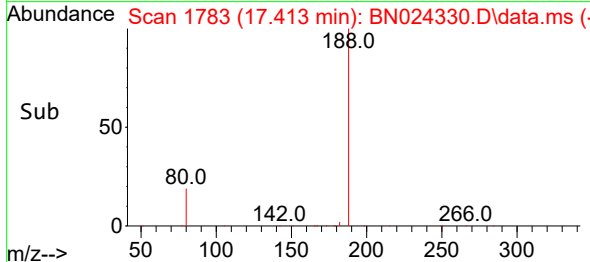
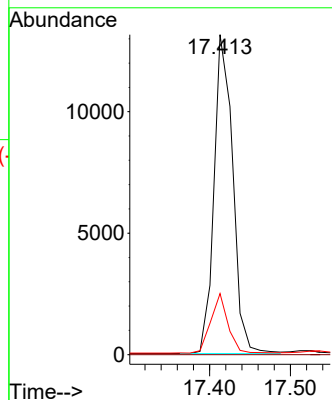
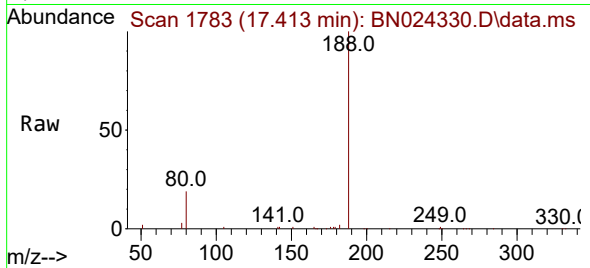




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN024330.D
Acq: 17 Mar 2023 02:44

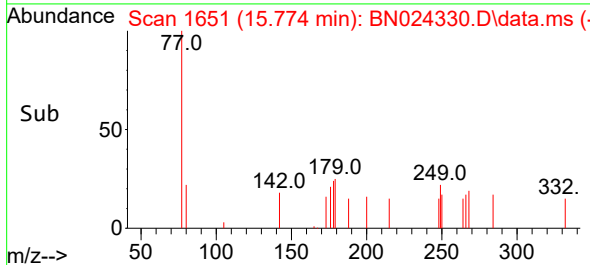
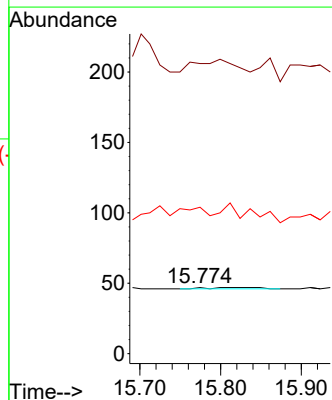
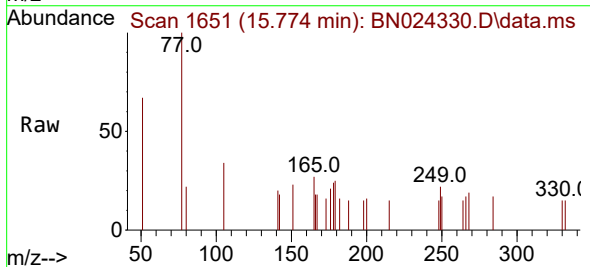
Instrument :
BNA_N
ClientSampleId :
FB01-20230308

Tgt Ion:188 Resp: 21142
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 19.1 8.9 13.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.774 min Scan# 1651
Delta R.T. -0.012 min
Lab File: BN024330.D
Acq: 17 Mar 2023 02:44

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 438.3 68.2 102.2#
105 221.3 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.130 ng

RT: 17.103 min Scan# 1755

Delta R.T. 0.037 min

Lab File: BN024330.D

Acq: 17 Mar 2023 02:44

Instrument :

BNA_N

ClientSampleId :

FB01-20230308

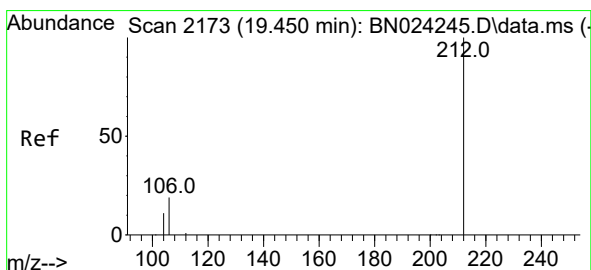
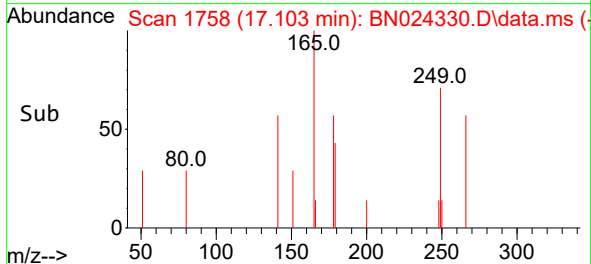
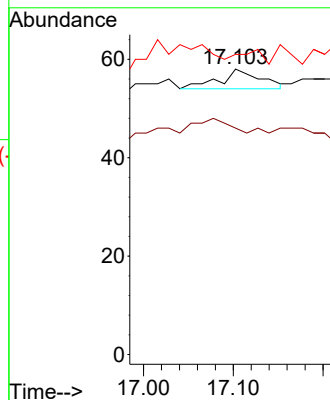
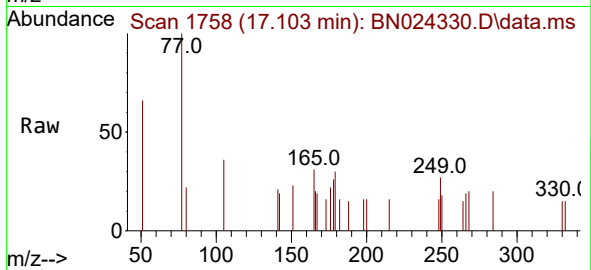
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 0.0 51.1 76.7#

268 0.0 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.400 ng

RT: 19.446 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BN024330.D

Acq: 17 Mar 2023 02:44

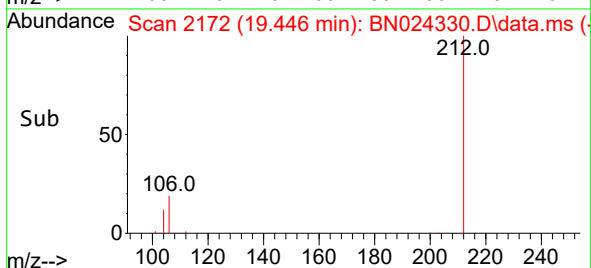
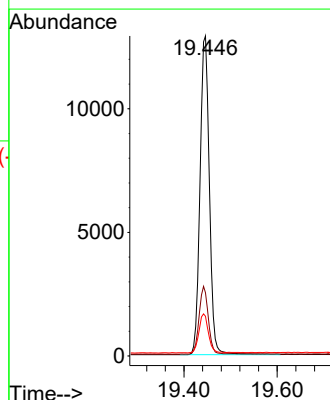
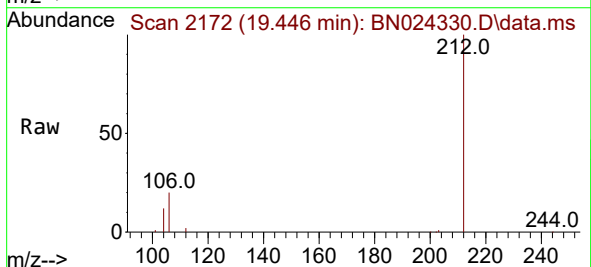
Tgt Ion:212 Resp: 17908

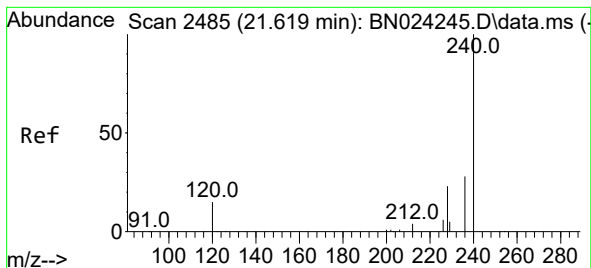
Ion Ratio Lower Upper

212 100

106 20.9 15.4 23.2

104 12.4 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.601 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BN024330.D

Acq: 17 Mar 2023 02:44

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FB01-20230308

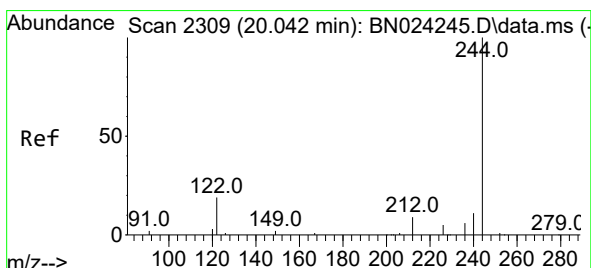
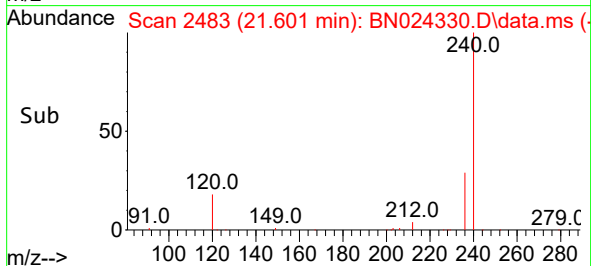
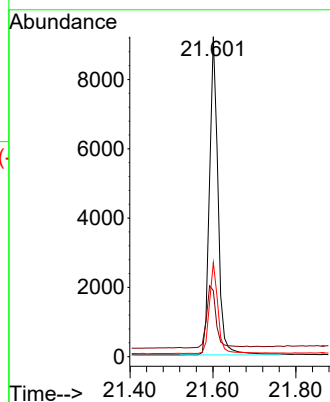
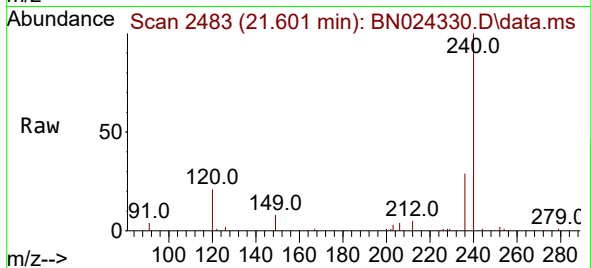
Tgt Ion:240 Resp: 13247

Ion Ratio Lower Upper

240 100

120 20.7 12.8 19.2#

236 29.4 22.5 33.7



#31

Terphenyl-d14

Concen: 0.426 ng

RT: 20.034 min Scan# 2308

Delta R.T. 0.000 min

Lab File: BN024330.D

Acq: 17 Mar 2023 02:44

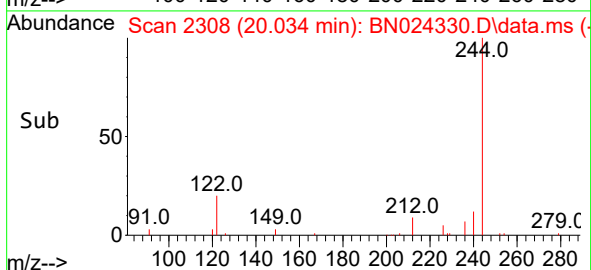
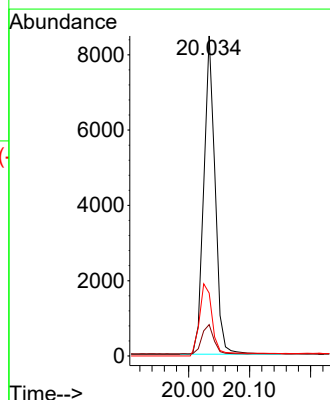
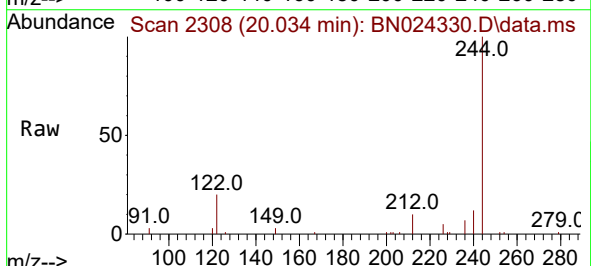
Tgt Ion:244 Resp: 9521

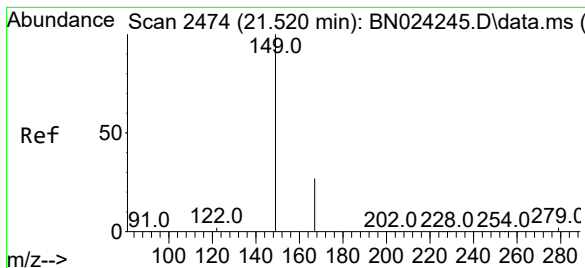
Ion Ratio Lower Upper

244 100

212 9.8 7.6 11.4

122 19.7 15.1 22.7

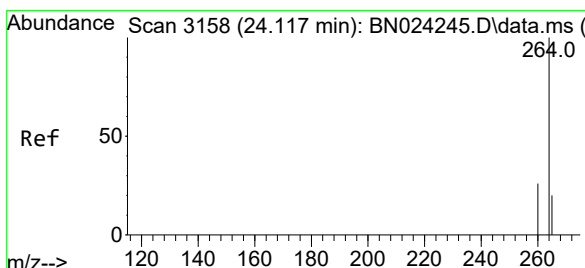
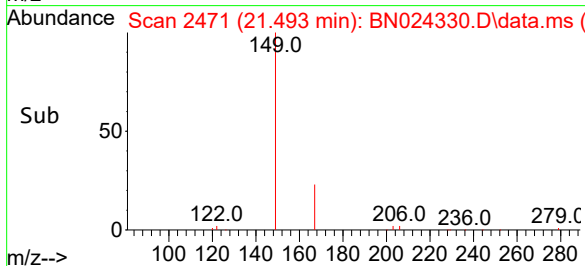
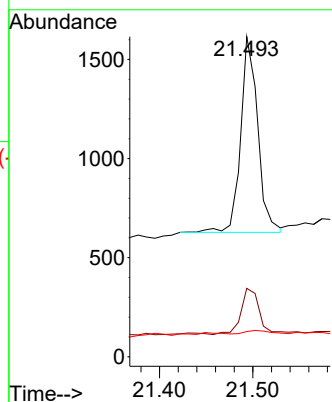
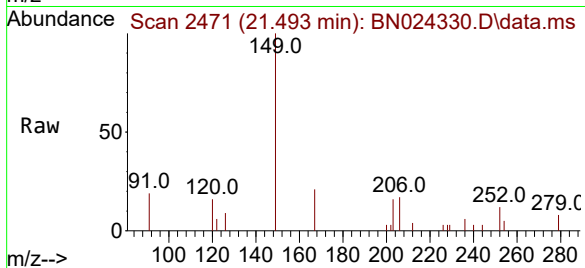




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.060 ng
 RT: 21.493 min Scan# 2471
 Delta R.T. -0.009 min
 Lab File: BN024330.D
 Acq: 17 Mar 2023 02:44

Instrument :
 BNA_N
 ClientSampleId :
 FB01-20230308

Tgt Ion:149 Resp: 1255
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.2 31.8
 279 2.6 1.8 2.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.097 min Scan# 3151
 Delta R.T. -0.017 min
 Lab File: BN024330.D
 Acq: 17 Mar 2023 02:44

Tgt Ion:264 Resp: 9559
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.4 32.2
 265 68.9 35.7 53.5#

