

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031523\
 Data File : BN024303.D
 Acq On : 15 Mar 2023 21:00
 Operator : CG/JU
 Sample : 01922-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-031423

Quant Time: Mar 16 01:20:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 16 01:06:57 2023
 Response via : Initial Calibration

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

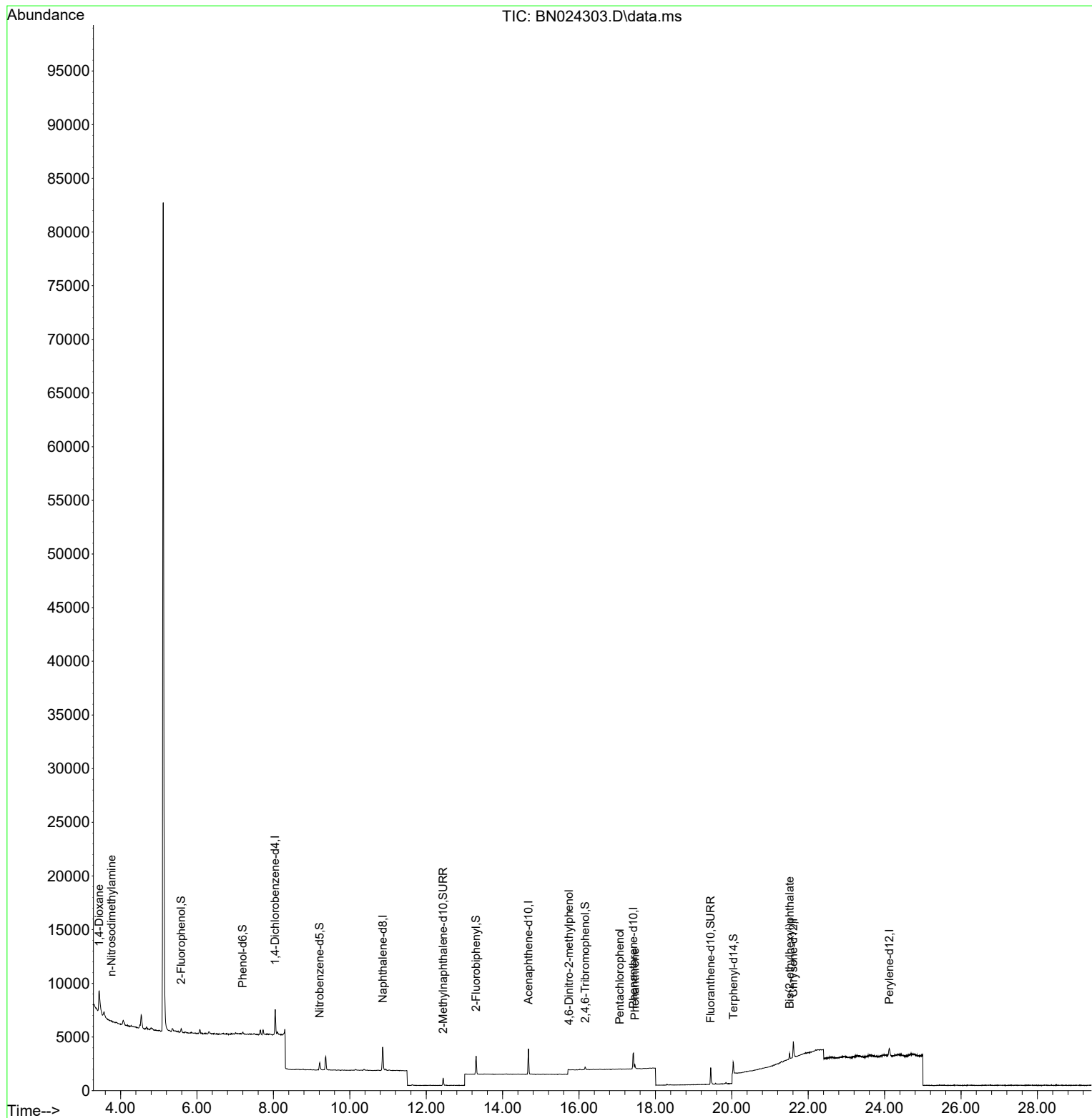
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	1202	0.400	ng	0.00
7) Naphthalene-d8	10.866	136	3141	0.400	ng	# 0.01
13) Acenaphthene-d10	14.675	164	1268	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	2258	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	1508	0.400	ng	# 0.00
35) Perylene-d12	24.123	264	1207	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	293	0.110	ng	0.00
5) Phenol-d6	7.195	99	200	0.058	ng	0.00
8) Nitrobenzene-d5	9.211	82	599	0.285	ng	0.01
11) 2-Methylnaphthalene-d10	12.440	152	946	0.245	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	130	0.201	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	1489	0.311	ng	0.00
27) Fluoranthene-d10	19.446	212	1541	0.322	ng	0.00
31) Terphenyl-d14	20.042	244	878	0.345	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.439	88	2049	1.567	ng	# 88
3) n-Nitrosodimethylamine	3.764	42	46	0.024	ng	# 24
20) 4,6-Dinitro-2-methylph...	15.737	198	2	0.183	ng	# 1
24) Pentachlorophenol	17.065	266	19	0.147	ng	# 48
25) Phenanthrene	17.462	178	355	0.053	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.511	149	700	0.295	ng	# 91

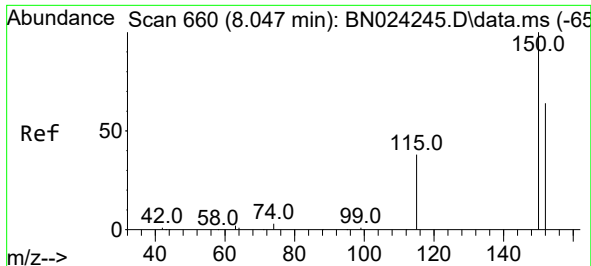
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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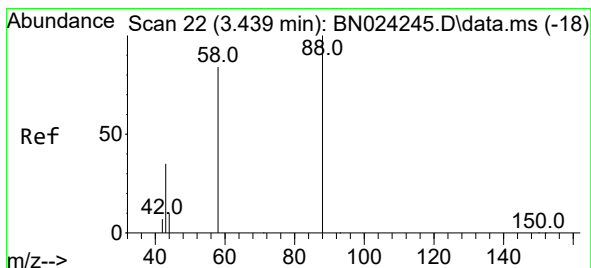
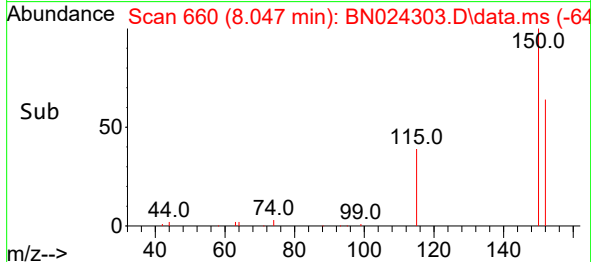
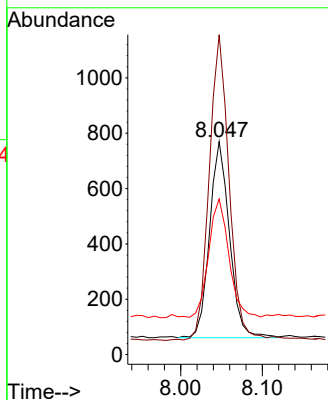
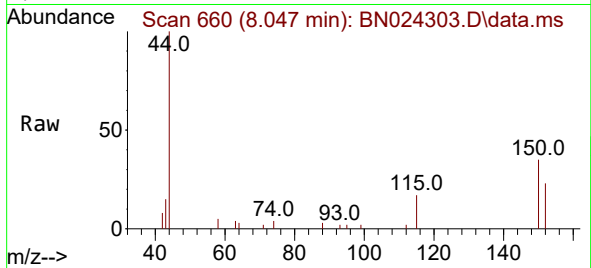




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 660
 Delta R.T. 0.007 min
 Lab File: BN024303.D
 Acq: 15 Mar 2023 21:00

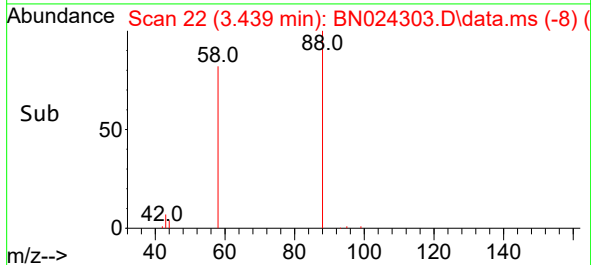
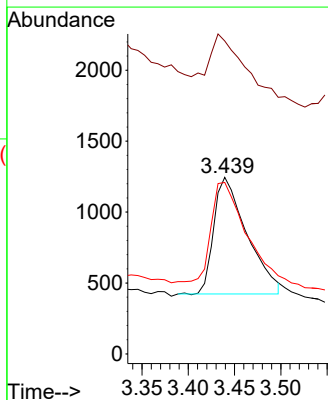
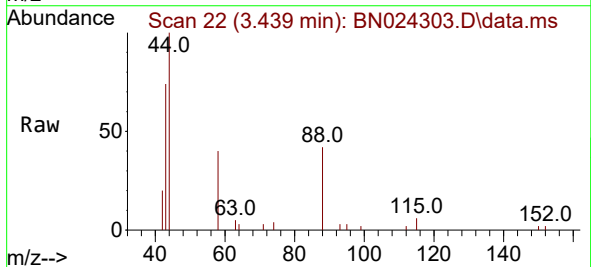
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-031423

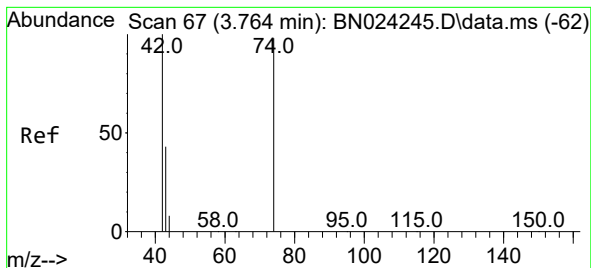
Tgt Ion:152 Resp: 1202
 Ion Ratio Lower Upper
 152 100
 150 150.1 124.7 187.1
 115 73.0 49.1 73.7



#2
 1,4-Dioxane
 Concen: 1.567 ng
 RT: 3.439 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN024303.D
 Acq: 15 Mar 2023 21:00

Tgt Ion: 88 Resp: 2049
 Ion Ratio Lower Upper
 88 100
 43 57.1 29.0 43.4#
 58 86.1 67.3 100.9

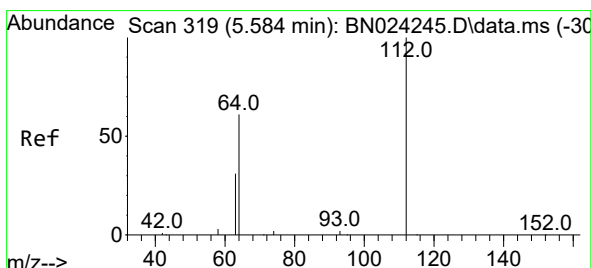
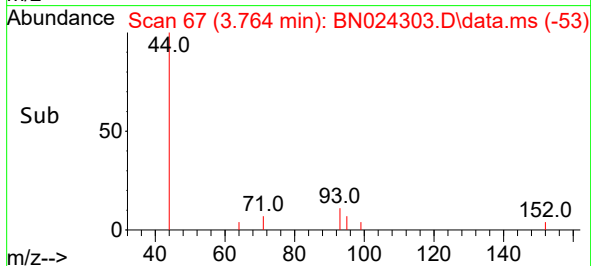
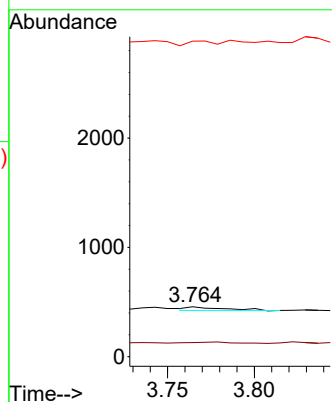
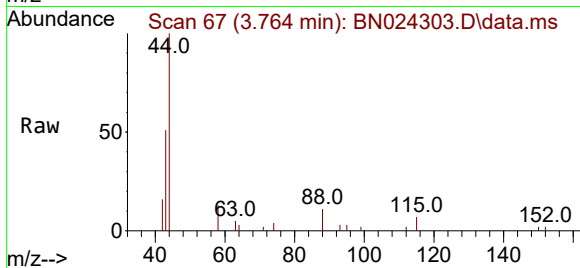




#3
 n-Nitrosodimethylamine
 Concen: 0.024 ng
 RT: 3.764 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN024303.D
 Acq: 15 Mar 2023 21:00

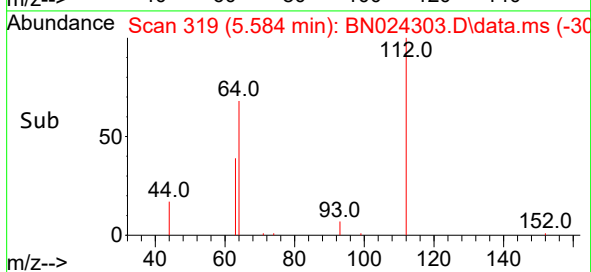
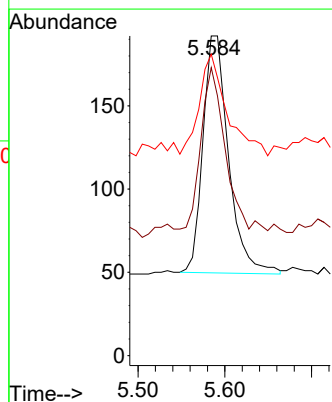
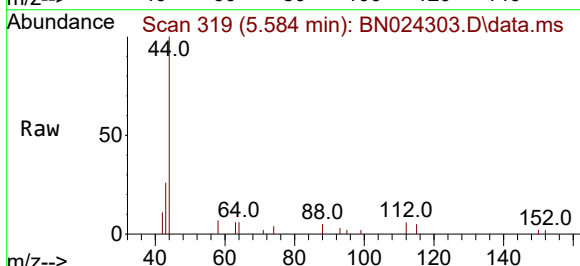
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-031423

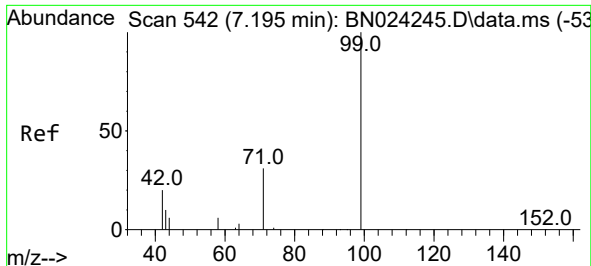
Tgt Ion: 42 Resp: 46
 Ion Ratio Lower Upper
 42 100
 74 39.1 81.6 122.4#
 44 93.5 7.3 10.9#



#4
 2-Fluorophenol
 Concen: 0.110 ng
 RT: 5.584 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: BN024303.D
 Acq: 15 Mar 2023 21:00

Tgt Ion: 112 Resp: 293
 Ion Ratio Lower Upper
 112 100
 64 67.6 49.0 73.6
 63 46.8 25.7 38.5#

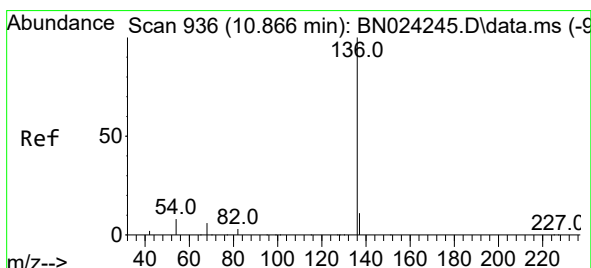
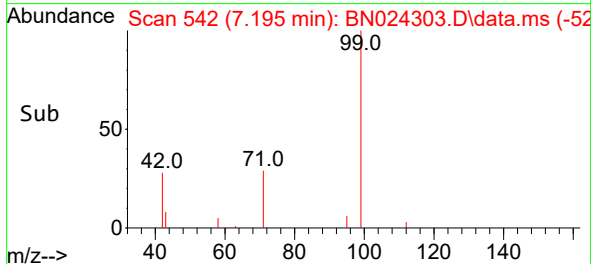
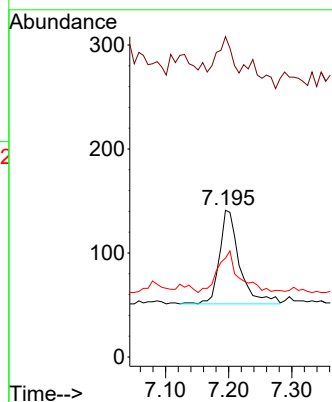
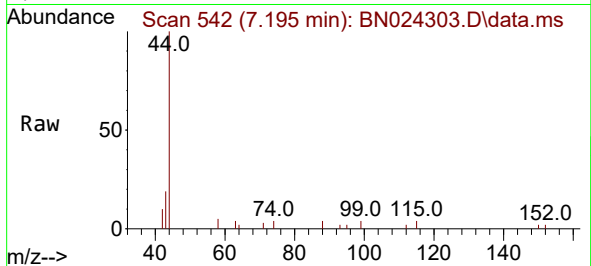




#5
Phenol-d6
Concen: 0.058 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024303.D
Acq: 15 Mar 2023 21:00

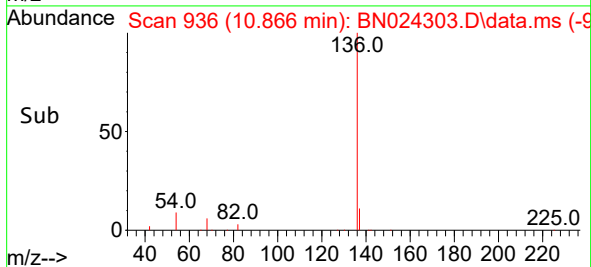
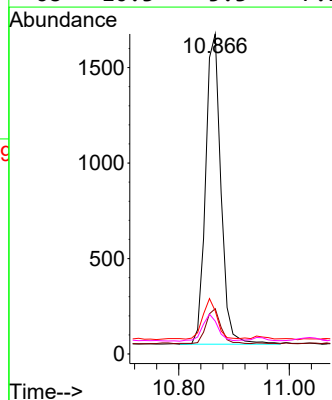
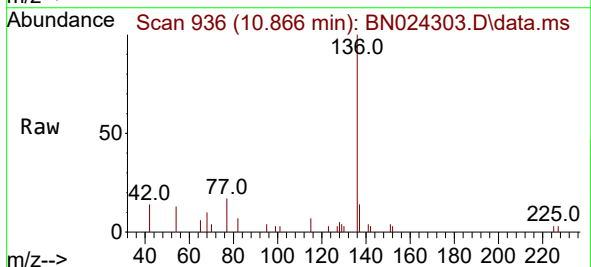
Instrument :
BNA_N
ClientSampleId :
EB-01-031423

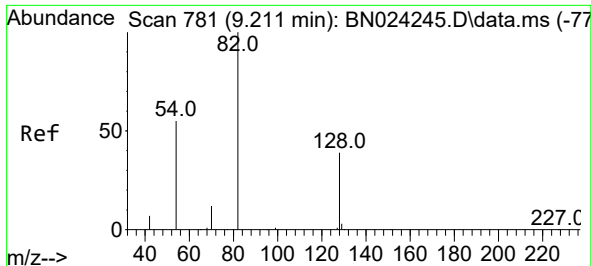
Tgt Ion: 99 Resp: 200
Ion Ratio Lower Upper
99 100
42 26.5 20.1 30.1
71 47.0 25.8 38.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.866 min Scan# 936
Delta R.T. 0.011 min
Lab File: BN024303.D
Acq: 15 Mar 2023 21:00

Tgt Ion: 136 Resp: 3141
Ion Ratio Lower Upper
136 100
137 14.1 8.9 13.3#
54 13.5 7.1 10.7#
68 10.3 5.3 7.9#

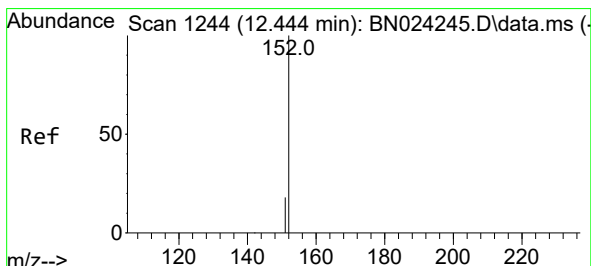
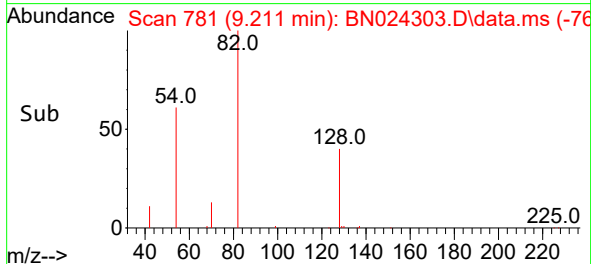
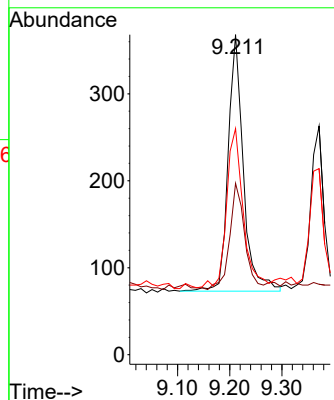
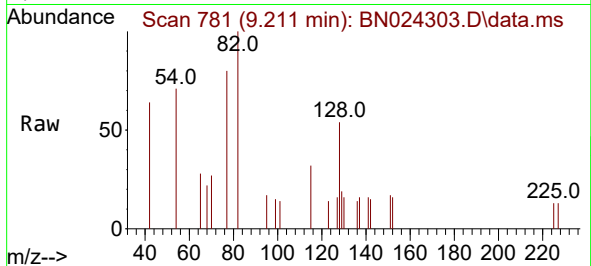




#8
 Nitrobenzene-d5
 Concen: 0.285 ng
 RT: 9.211 min Scan# 781
 Delta R.T. 0.011 min
 Lab File: BN024303.D
 Acq: 15 Mar 2023 21:00

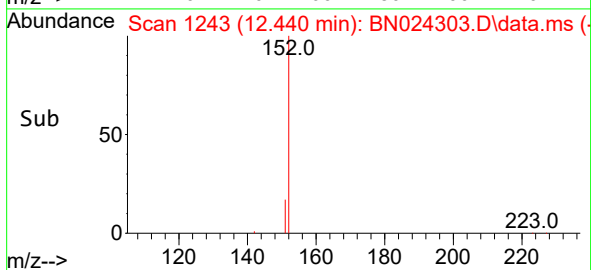
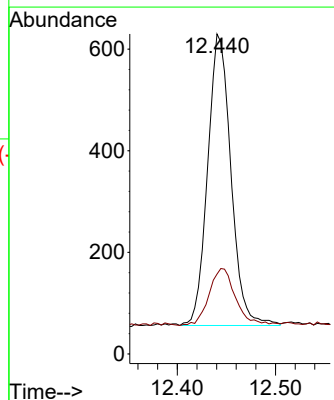
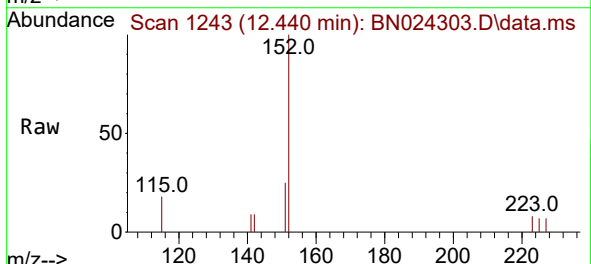
Instrument :
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 EB-01-031423

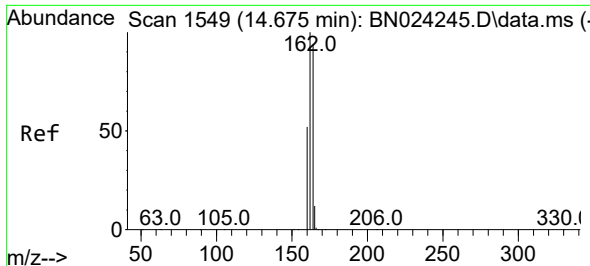
Tgt Ion: 82 Resp: 599
 Ion Ratio Lower Upper
 82 100
 128 53.5 32.4 48.6#
 54 70.7 45.2 67.8#



#11
 2-Methylnaphthalene-d10
 Concen: 0.245 ng
 RT: 12.440 min Scan# 1243
 Delta R.T. 0.000 min
 Lab File: BN024303.D
 Acq: 15 Mar 2023 21:00

Tgt Ion: 152 Resp: 946
 Ion Ratio Lower Upper
 152 100
 151 22.4 16.8 25.2

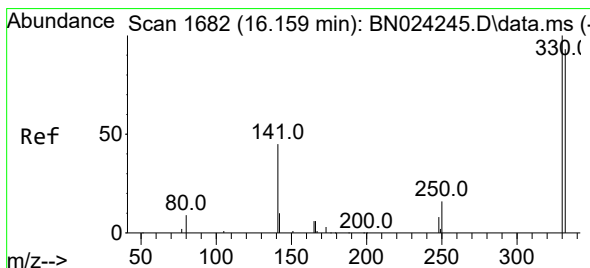
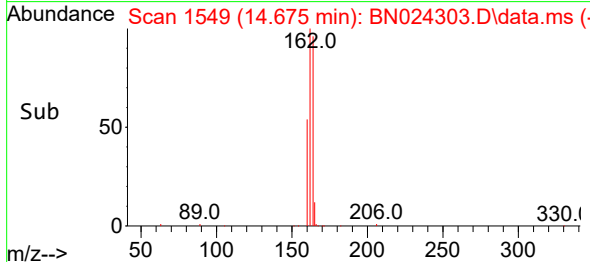
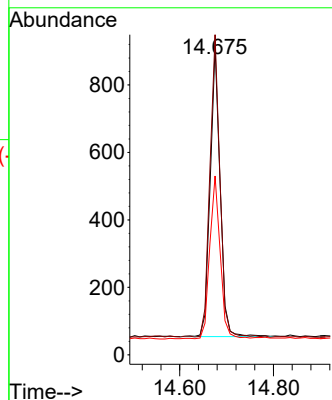
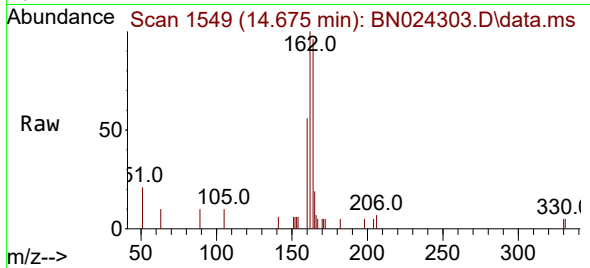




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024303.D
Acq: 15 Mar 2023 21:00

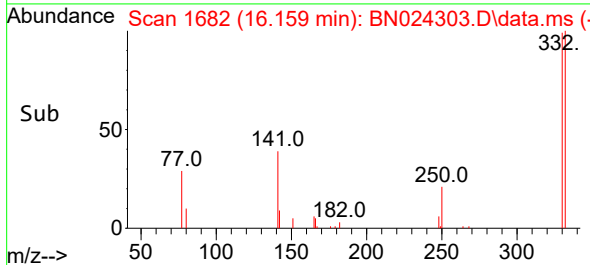
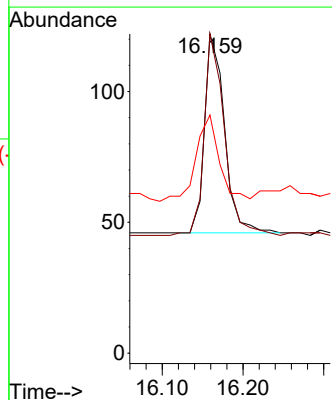
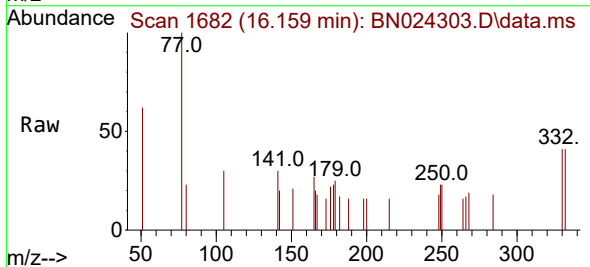
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ClientSampleId :
EB-01-031423

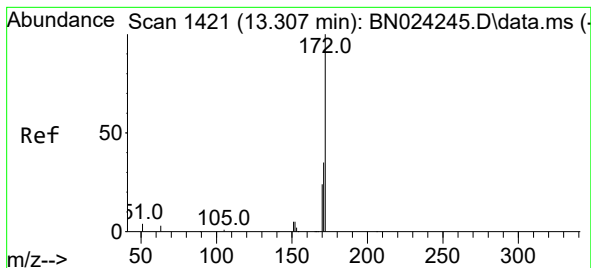
Tgt Ion:164 Resp: 1268
Ion Ratio Lower Upper
164 100
162 103.8 84.7 127.1
160 58.0 44.6 66.8



#14
2,4,6-Tribromophenol
Concen: 0.201 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024303.D
Acq: 15 Mar 2023 21:00

Tgt Ion:330 Resp: 130
Ion Ratio Lower Upper
330 100
332 103.1 78.0 117.0
141 50.8 30.8 46.2#





#15

2-Fluorobiphenyl

Concen: 0.311 ng

RT: 13.307 min Scan# 1421

Delta R.T. 0.000 min

Lab File: BN024303.D

Acq: 15 Mar 2023 21:00

Instrument :

BNA_N

ClientSampleId :

EB-01-031423

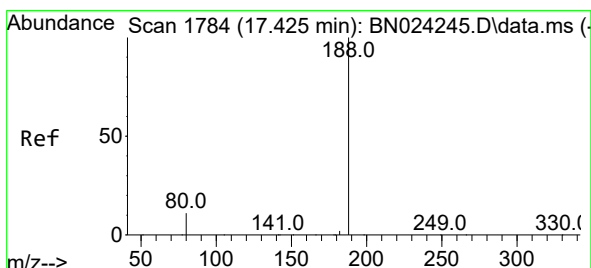
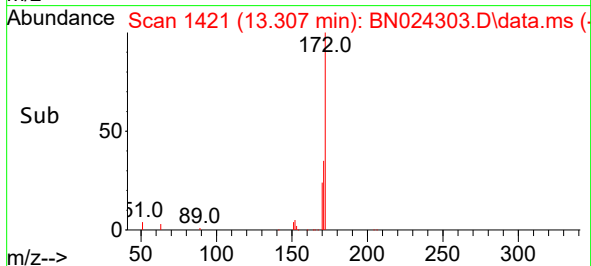
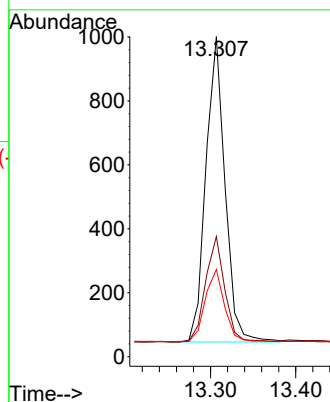
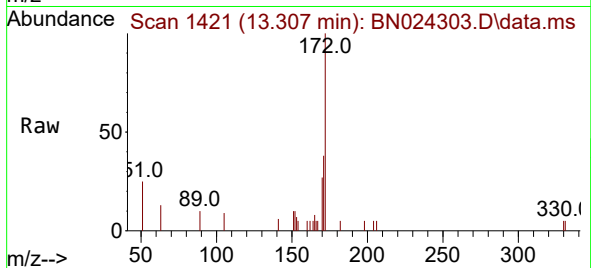
Tgt Ion:172 Resp: 1489

Ion Ratio Lower Upper

172 100

171 37.6 27.8 41.8

170 27.3 19.0 28.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.425 min Scan# 1784

Delta R.T. 0.000 min

Lab File: BN024303.D

Acq: 15 Mar 2023 21:00

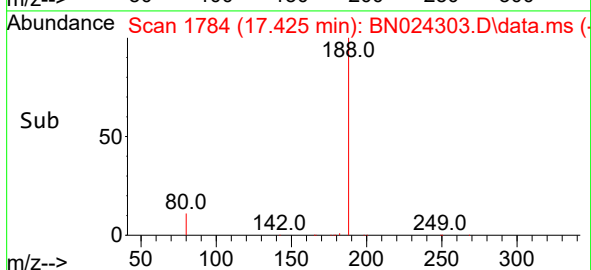
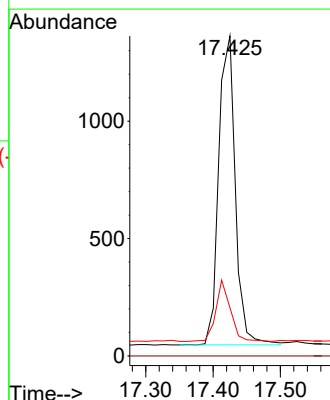
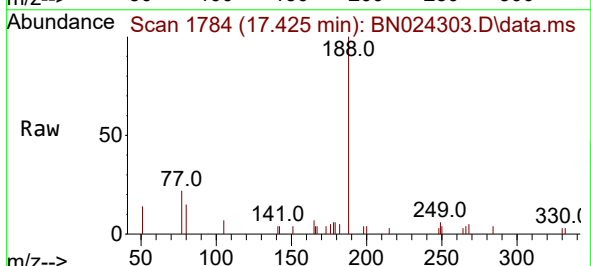
Tgt Ion:188 Resp: 2258

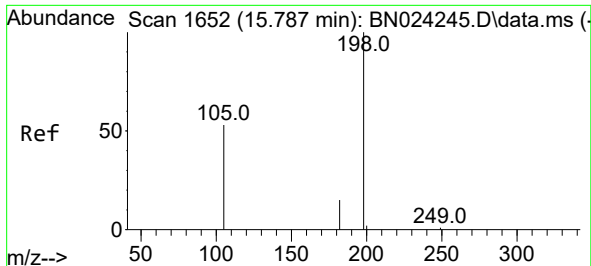
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.0 8.9 13.3#

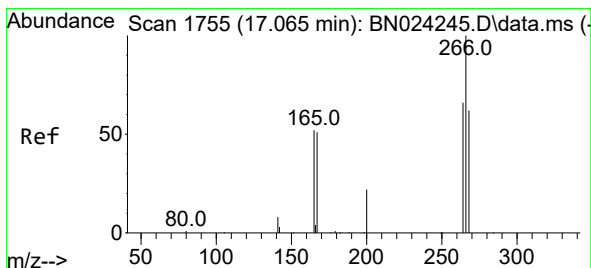
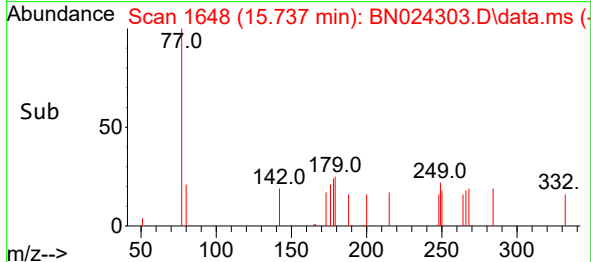
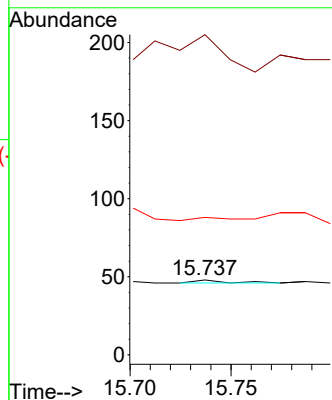
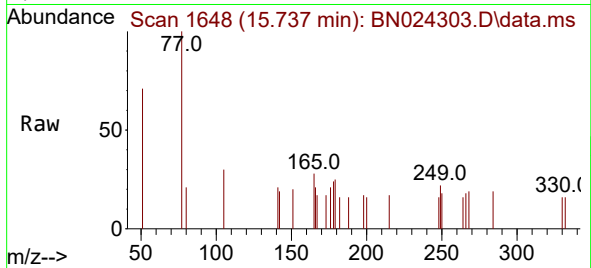




#20
4,6-Dinitro-2-methylphenol
Concen: 0.183 ng
RT: 15.737 min Scan# 1648
Delta R.T. -0.050 min
Lab File: BN024303.D
Acq: 15 Mar 2023 21:00

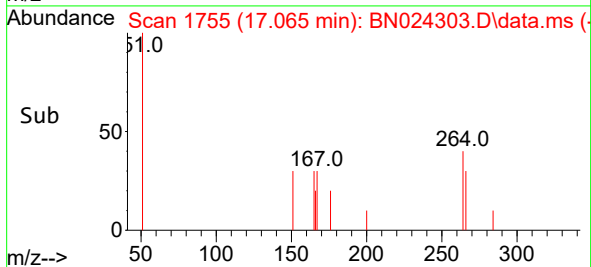
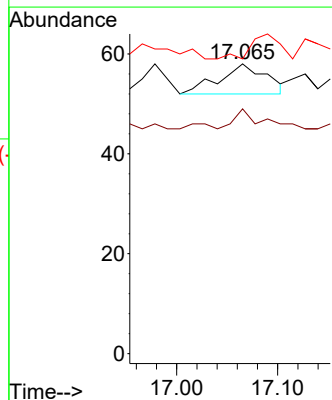
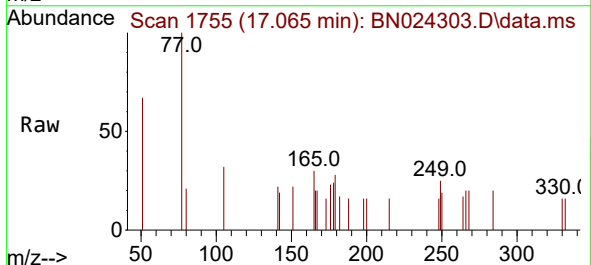
Instrument :
BNA_N
ClientSampleId :
EB-01-031423

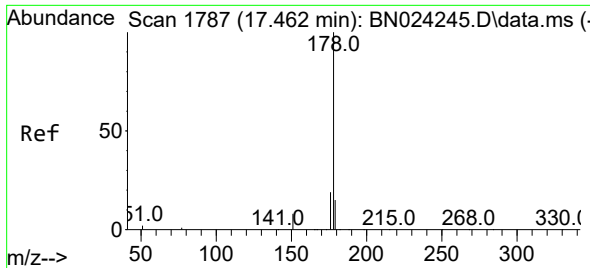
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 427.1 68.2 102.2#
105 183.3 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.147 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BN024303.D
Acq: 15 Mar 2023 21:00

Tgt Ion:266 Resp: 19
Ion Ratio Lower Upper
266 100
264 47.4 51.1 76.7#
268 0.0 52.2 78.4#

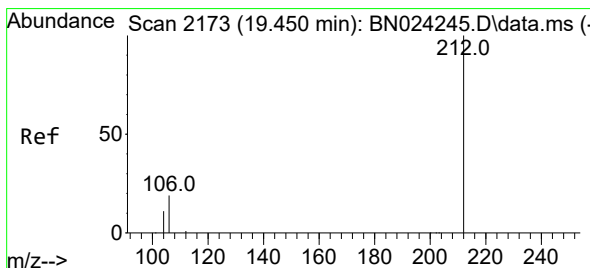
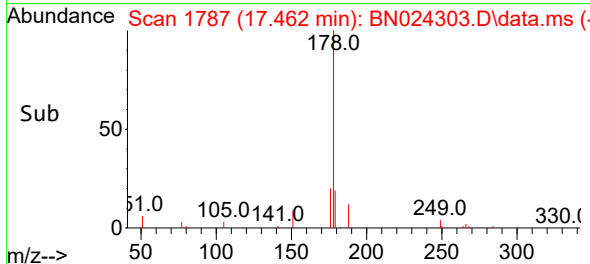
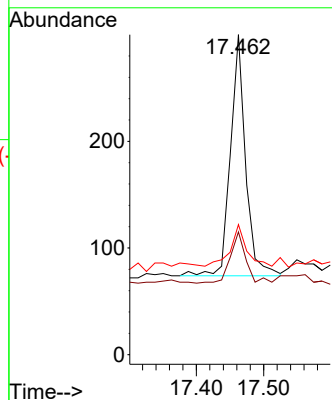
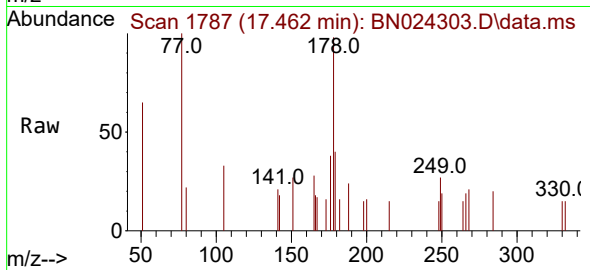




#25
Phenanthrene
Concen: 0.053 ng
RT: 17.462 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BN024303.D
Acq: 15 Mar 2023 21:00

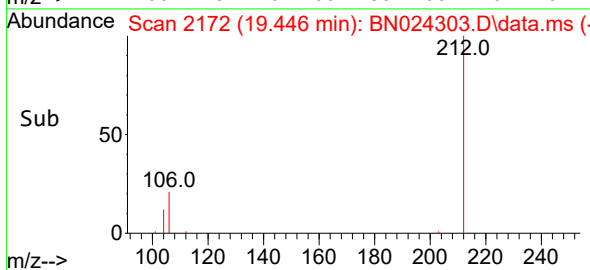
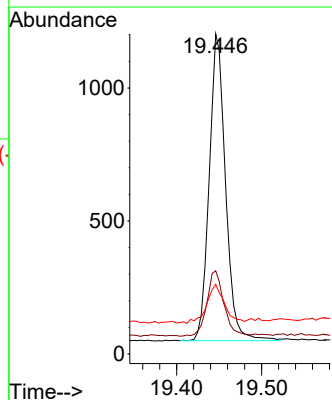
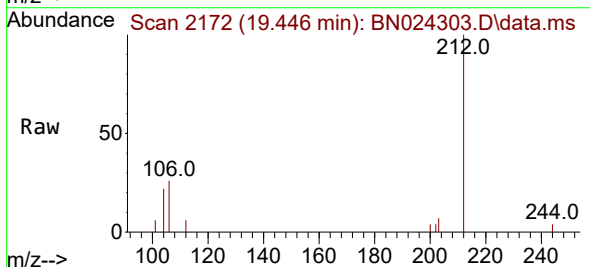
Instrument :
BNA_N
ClientSampleId :
EB-01-031423

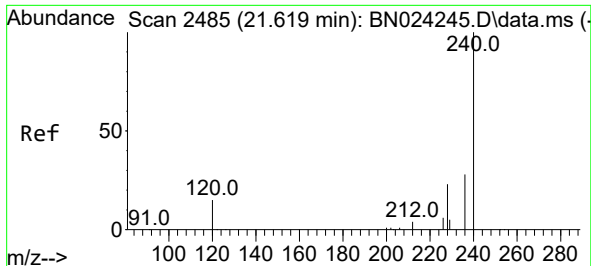
Tgt Ion:178 Resp: 355
Ion Ratio Lower Upper
178 100
176 22.8 15.4 23.0
179 18.6 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024303.D
Acq: 15 Mar 2023 21:00

Tgt Ion:212 Resp: 1541
Ion Ratio Lower Upper
212 100
106 22.1 15.4 23.2
104 13.0 8.6 13.0#

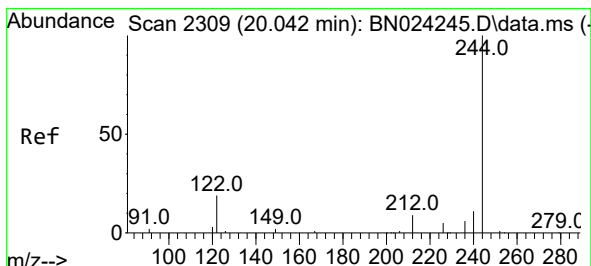
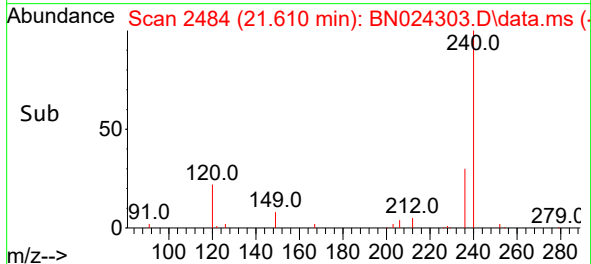
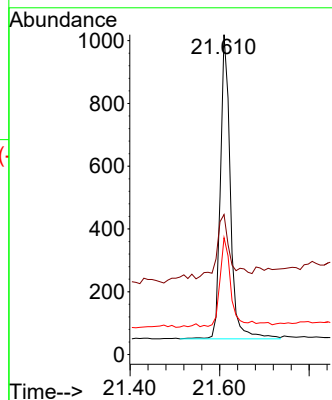
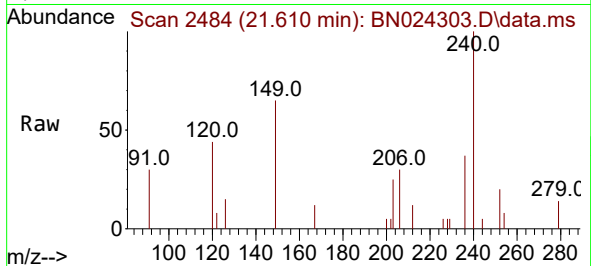




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.000 min
Lab File: BN024303.D
Acq: 15 Mar 2023 21:00

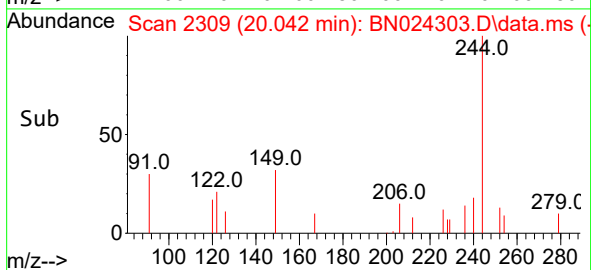
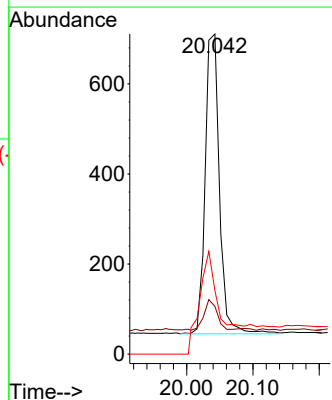
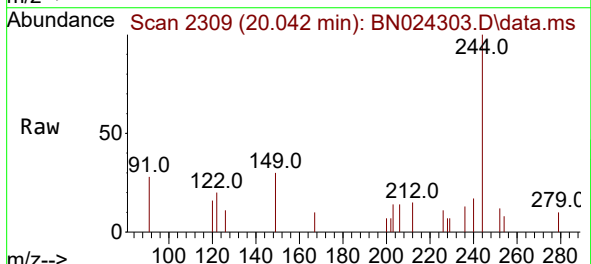
Instrument :
BNA_N
ClientSampleId :
EB-01-031423

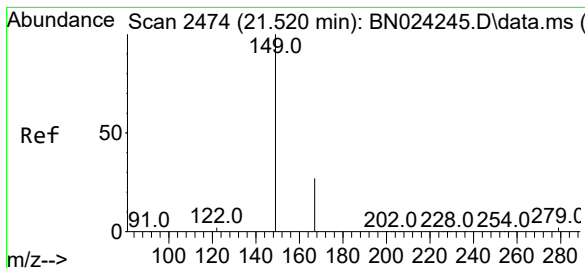
Tgt Ion:240 Resp: 1508
Ion Ratio Lower Upper
240 100
120 43.8 12.8 19.2#
236 36.5 22.5 33.7#



#31
Terphenyl-d14
Concen: 0.345 ng
RT: 20.042 min Scan# 2309
Delta R.T. 0.000 min
Lab File: BN024303.D
Acq: 15 Mar 2023 21:00

Tgt Ion:244 Resp: 878
Ion Ratio Lower Upper
244 100
212 14.9 7.6 11.4#
122 19.8 15.1 22.7

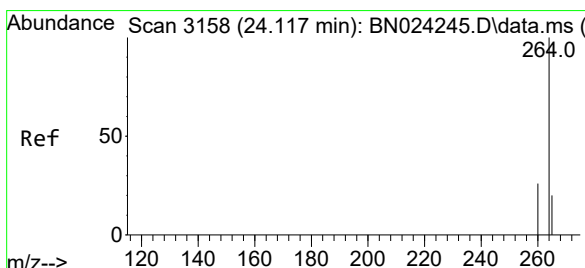
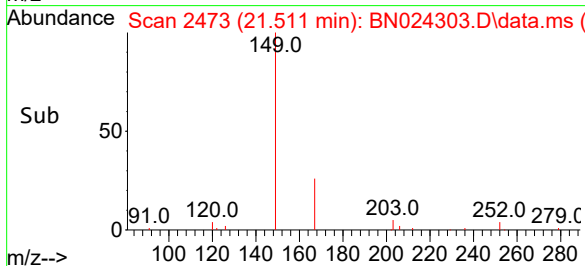
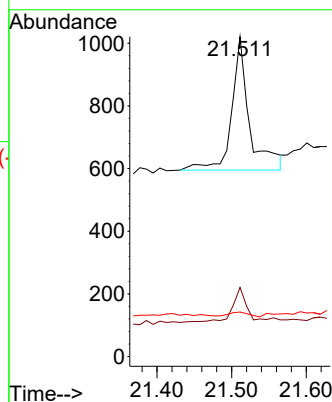
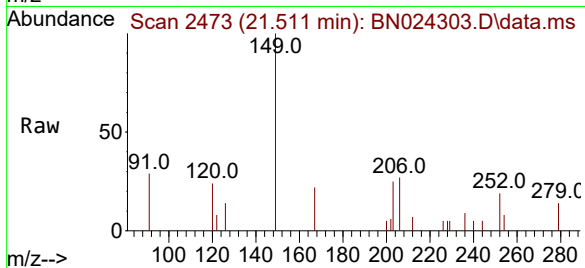




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.295 ng
 RT: 21.511 min Scan# 2473
 Delta R.T. 0.000 min
 Lab File: BN024303.D
 Acq: 15 Mar 2023 21:00

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-031423

Tgt Ion:149 Resp: 700
 Ion Ratio Lower Upper
 149 100
 167 21.7 21.2 31.8
 279 3.7 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.123 min Scan# 3160
 Delta R.T. -0.006 min
 Lab File: BN024303.D
 Acq: 15 Mar 2023 21:00

Tgt Ion:264 Resp: 1207
 Ion Ratio Lower Upper
 264 100
 260 32.1 21.4 32.2
 265 377.3 35.7 53.5#

