

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031523\
 Data File : BN024295.D
 Acq On : 15 Mar 2023 16:07
 Operator : CG/JU
 Sample : 01843-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20230306

Quant Time: Mar 16 01:18:50 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)

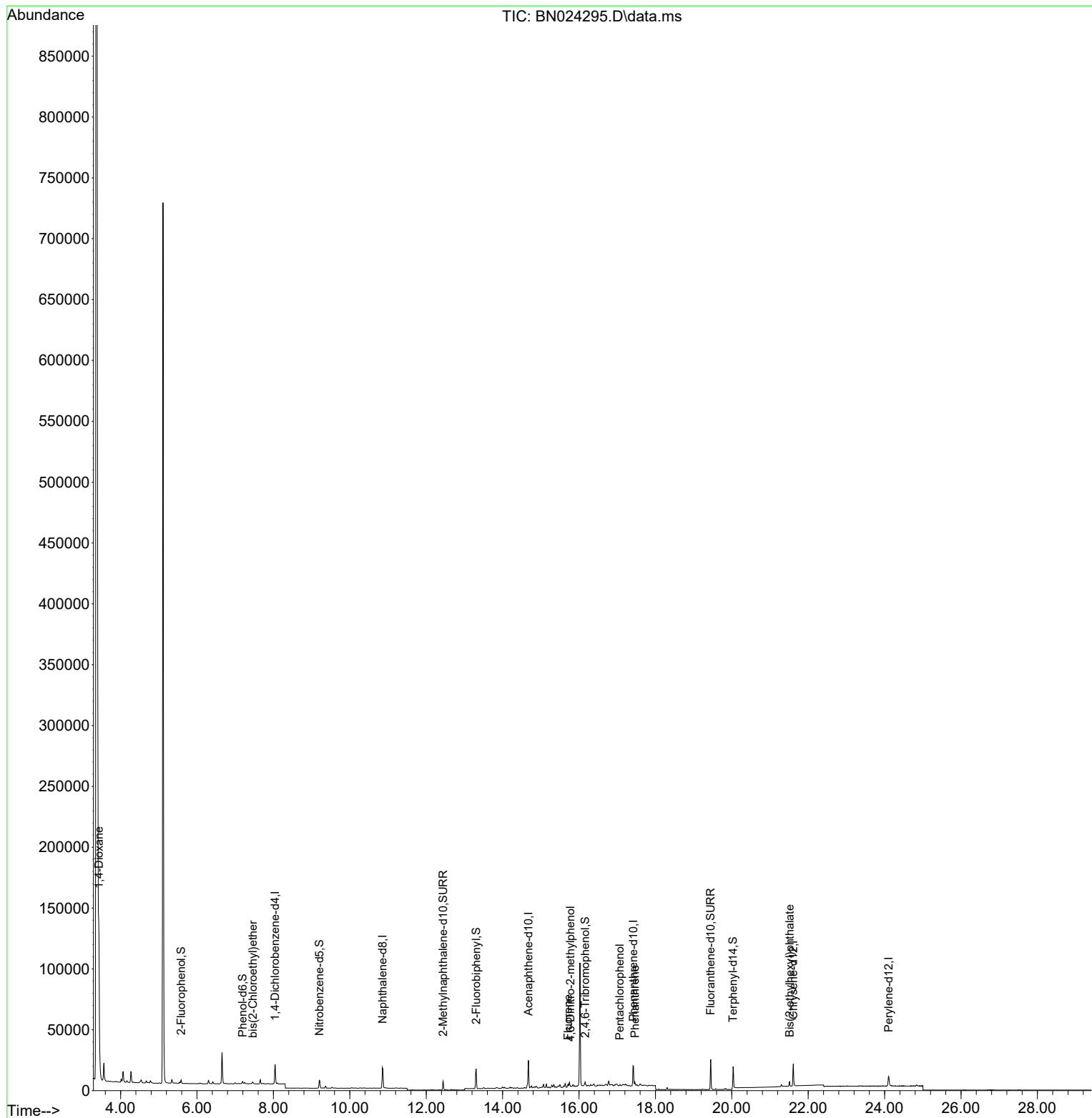
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	7483	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	21966	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	11259	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	24106	0.400	ng	0.00
29) Chrysene-d12	21.610	240	16973	0.400	ng	0.00
35) Perylene-d12	24.106	264	12788	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2311	0.139	ng	0.00
5) Phenol-d6	7.195	99	1661	0.078	ng	0.00
8) Nitrobenzene-d5	9.201	82	5536	0.377	ng	0.00
11) 2-Methylnaphthalene-d10	12.441	152	9448	0.350	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1535	0.267	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	14309	0.336	ng	0.00
27) Fluoranthene-d10	19.446	212	24678	0.483	ng	0.00
31) Terphenyl-d14	20.034	244	13518	0.472	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.432	88	51188	6.287	ng	98
6) bis(2-Chloroethyl)ether	7.462	93	867	0.041	ng	# 88
18) Fluorene	15.712	166	1170	0.029	ng	# 49
20) 4,6-Dinitro-2-methylph...	15.774	198	8	0.180	ng	# 1
24) Pentachlorophenol	17.065	266	34	0.132	ng	# 78
25) Phenanthrene	17.462	178	3140	0.044	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.511	149	3736	0.140	ng	# 99

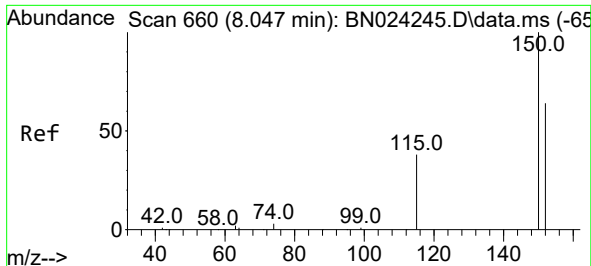
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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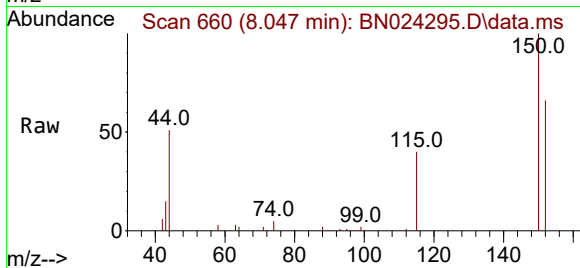
Quant Time: Mar 16 01:18:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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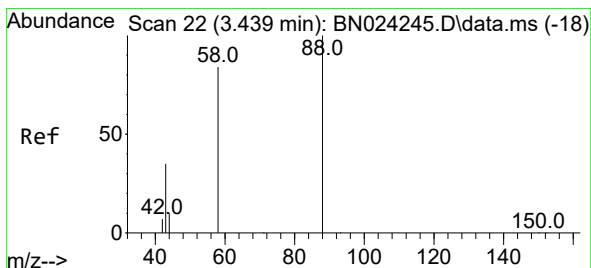
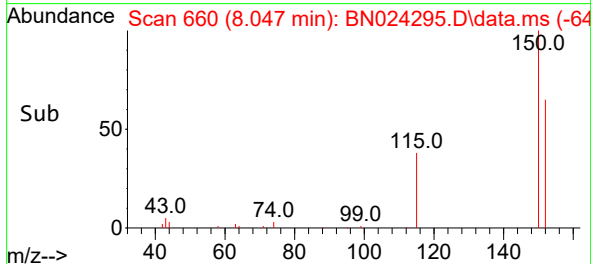
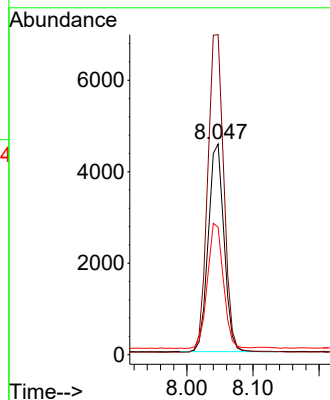
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 60
 Delta R.T. 0.007 min
 Lab File: BN024295.D
 Acq: 15 Mar 2023 16:07

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20230306



Tgt Ion:152 Resp: 7483

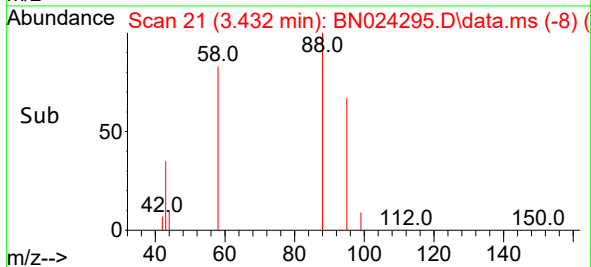
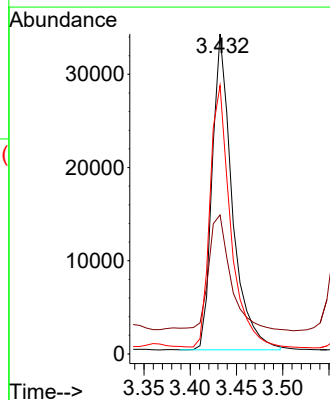
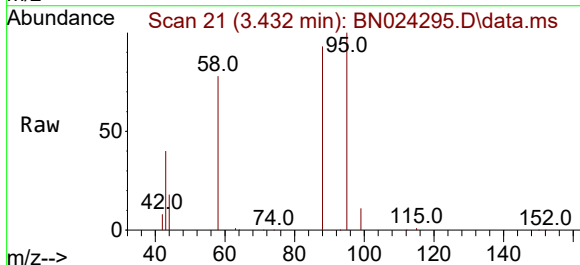
Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.7	187.1
115	60.5	49.1	73.7

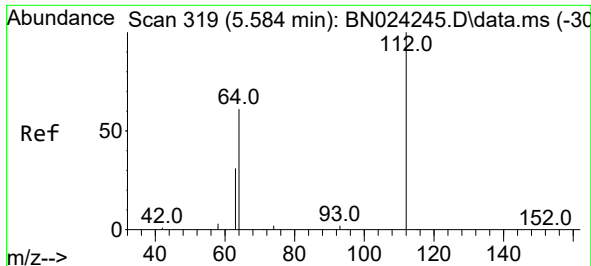


#2
 1,4-Dioxane
 Concen: 6.287 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024295.D
 Acq: 15 Mar 2023 16:07

Tgt Ion: 88 Resp: 51188

Ion	Ratio	Lower	Upper
88	100		
43	39.4	29.0	43.4
58	84.5	67.3	100.9





#4

2-Fluorophenol

Concen: 0.139 ng

RT: 5.584 min Scan# 319

Delta R.T. 0.000 min

Lab File: BN024295.D

Acq: 15 Mar 2023 16:07

Instrument :

BNA_N

ClientSampleId :

RE132D6-20230306

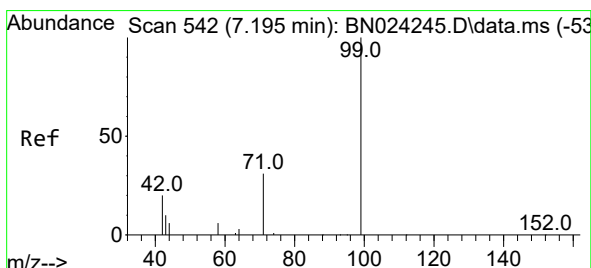
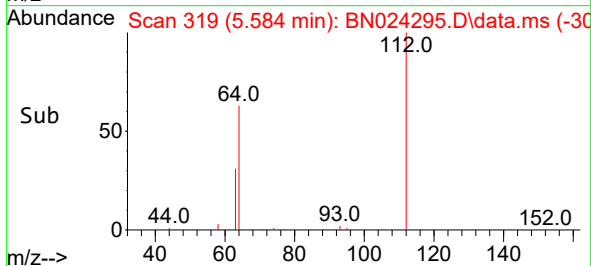
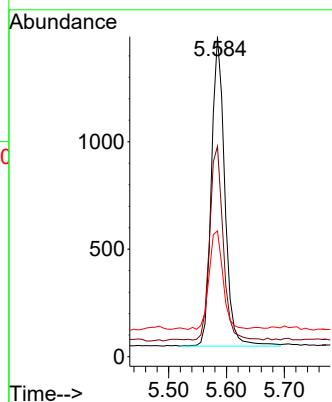
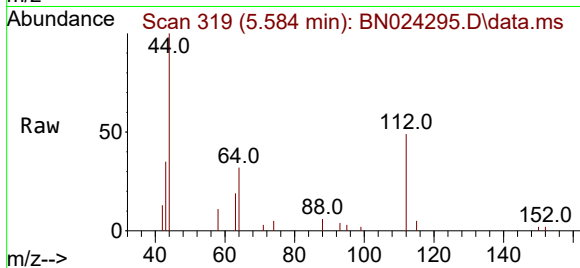
Tgt Ion:112 Resp: 2311

Ion Ratio Lower Upper

112 100

64 63.1 49.0 73.6

63 33.3 25.7 38.5



#5

Phenol-d6

Concen: 0.078 ng

RT: 7.195 min Scan# 542

Delta R.T. 0.007 min

Lab File: BN024295.D

Acq: 15 Mar 2023 16:07

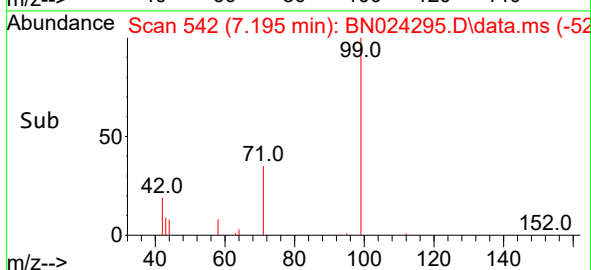
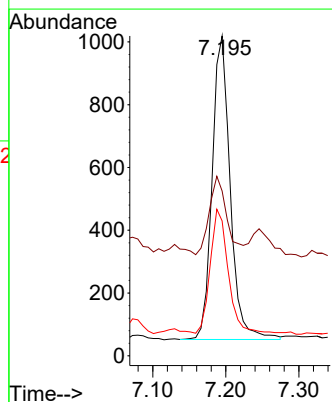
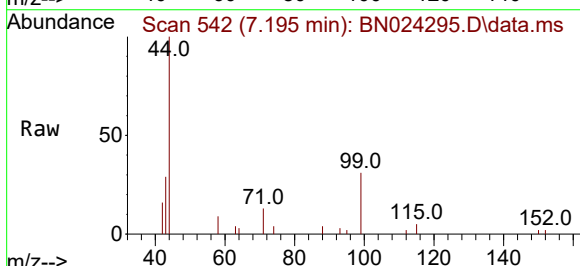
Tgt Ion: 99 Resp: 1661

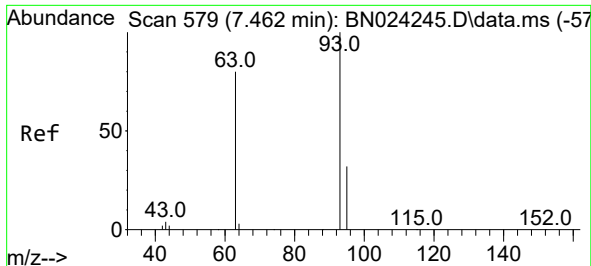
Ion Ratio Lower Upper

99 100

42 25.6 20.1 30.1

71 42.1 25.8 38.8#

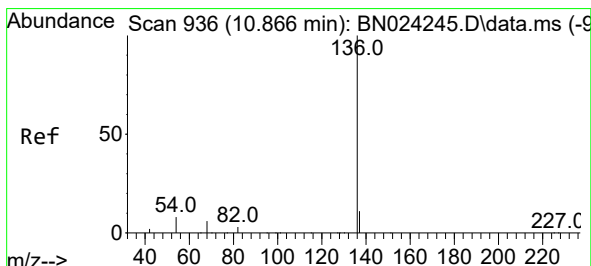
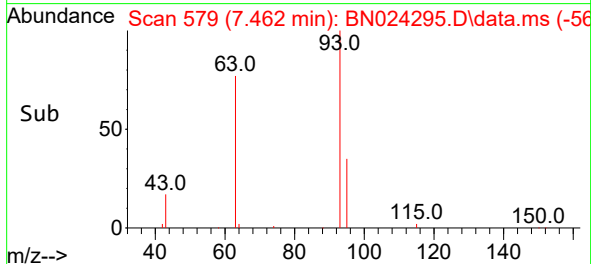
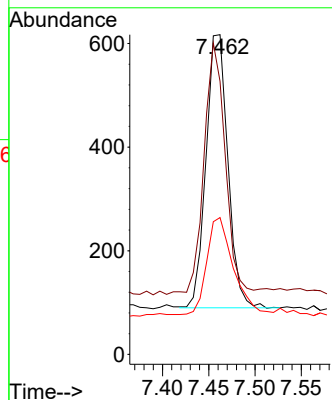
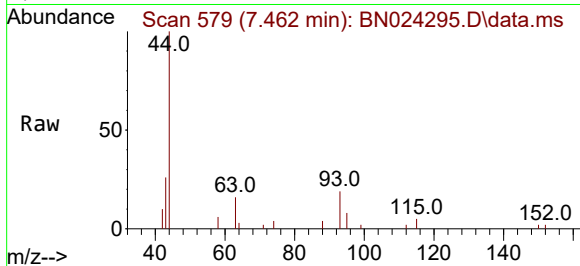




#6
bis(2-Chloroethyl)ether
Concen: 0.041 ng
RT: 7.462 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07

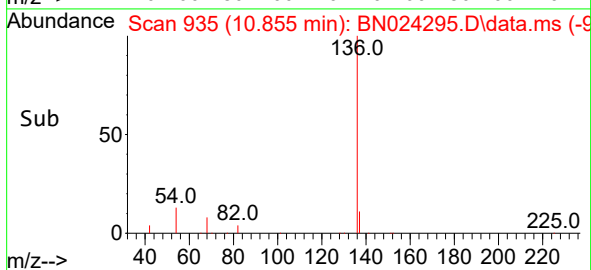
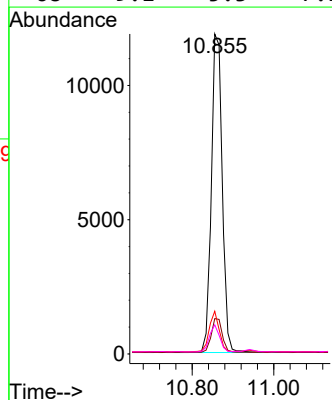
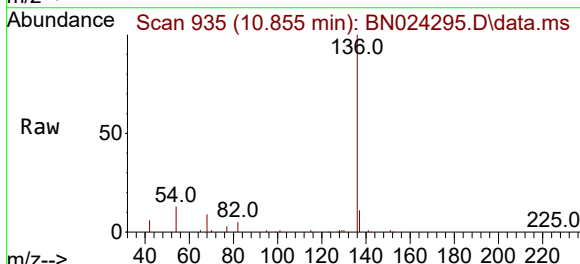
Instrument :
BNA_N
ClientSampleId :
RE132D6-20230306

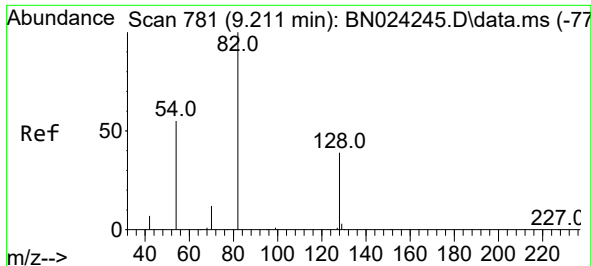
Tgt Ion: 93 Resp: 867
Ion Ratio Lower Upper
93 100
63 89.2 65.4 98.2
95 45.3 25.8 38.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07

Tgt Ion: 136 Resp: 21966
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 13.4 7.1 10.7#
68 9.1 5.3 7.9#

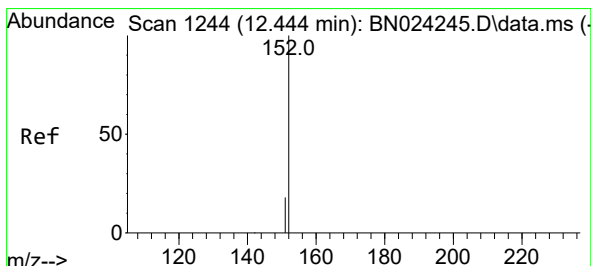
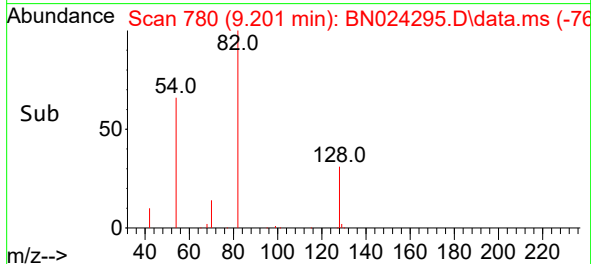
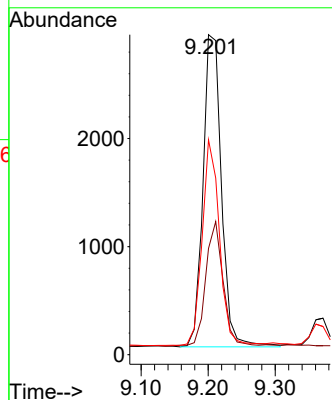
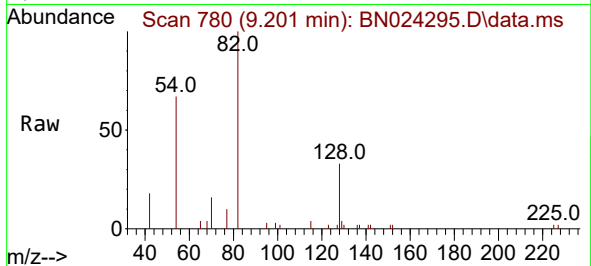




#8
Nitrobenzene-d5
Concen: 0.377 ng
RT: 9.201 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07

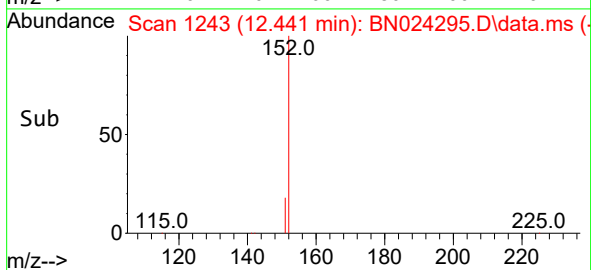
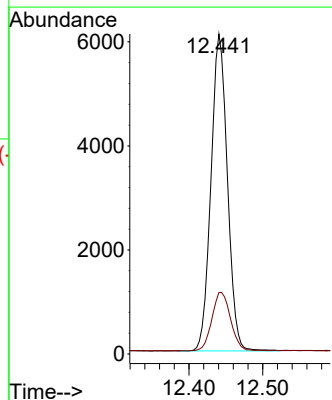
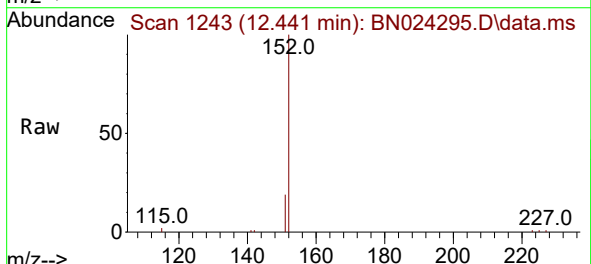
Instrument :
BNA_N
ClientSampleId :
RE132D6-20230306

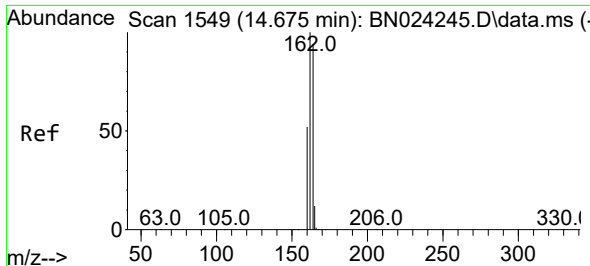
Tgt Ion: 82 Resp: 5536
Ion Ratio Lower Upper
82 100
128 33.2 32.4 48.6
54 67.2 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.441 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07

Tgt Ion: 152 Resp: 9448
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2

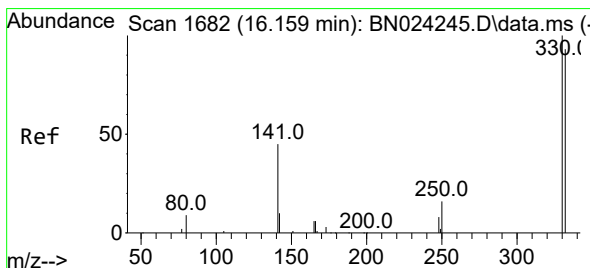
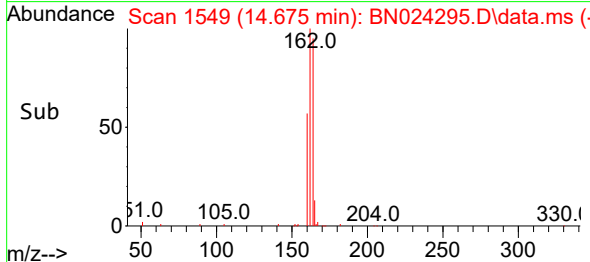
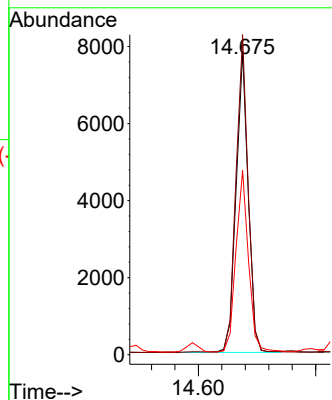
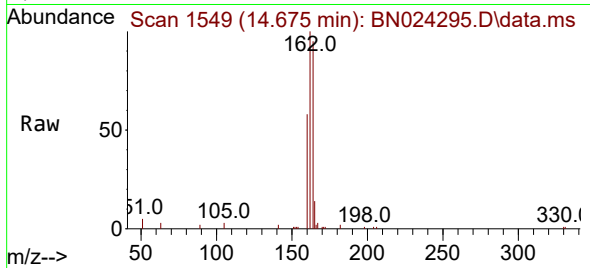




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07

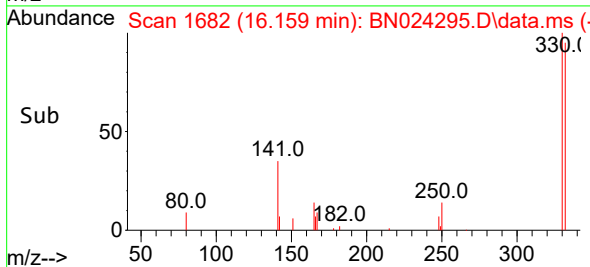
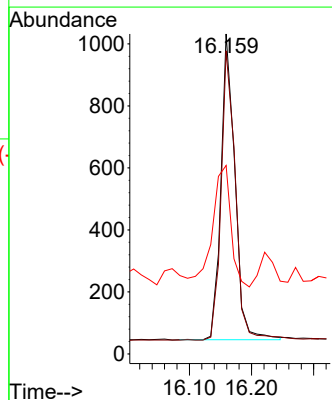
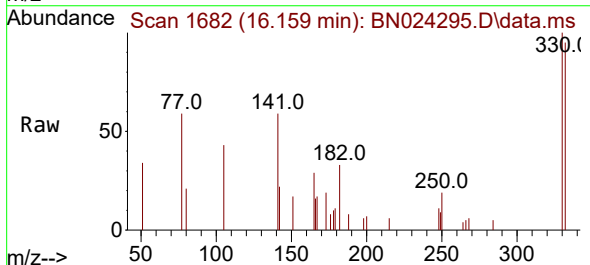
Instrument :
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ClientSampleId :
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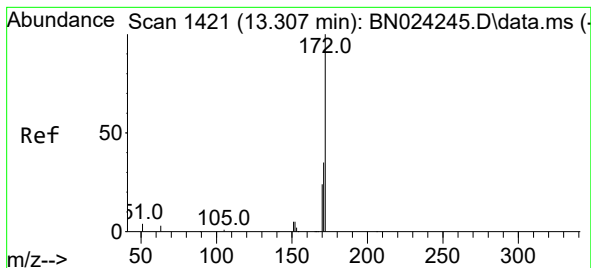
Tgt Ion:164 Resp: 11259
Ion Ratio Lower Upper
164 100
162 105.4 84.7 127.1
160 60.8 44.6 66.8



#14
2,4,6-Tribromophenol
Concen: 0.267 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07

Tgt Ion:330 Resp: 1535
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 52.8 30.8 46.2#





#15

2-Fluorobiphenyl

Concen: 0.336 ng

RT: 13.307 min Scan# 1421

Delta R.T. 0.000 min

Lab File: BN024295.D

Acq: 15 Mar 2023 16:07

Instrument :

BNA_N

ClientSampleId :

RE132D6-20230306

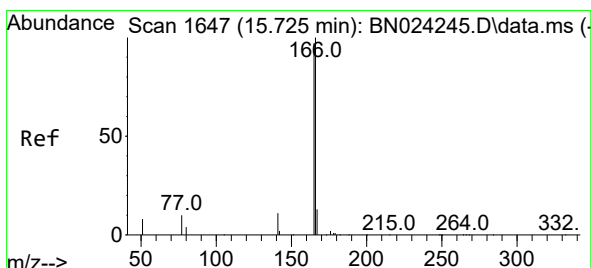
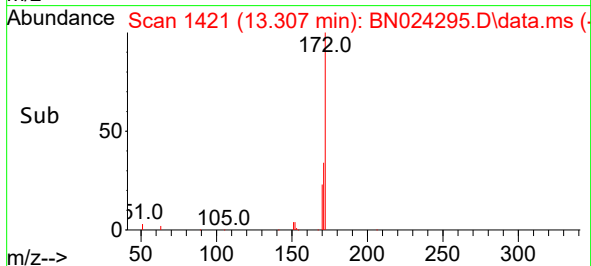
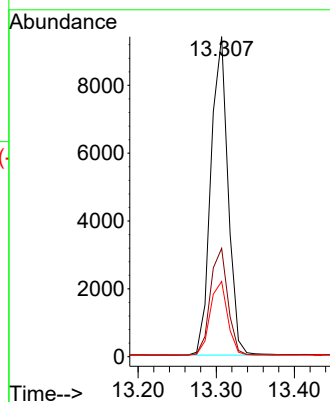
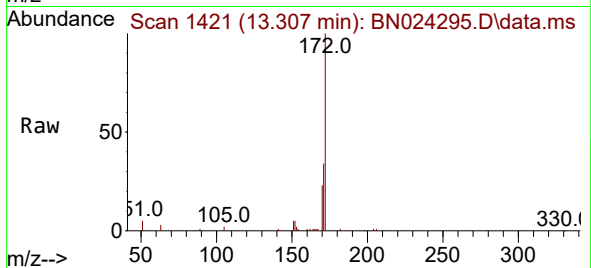
Tgt Ion:172 Resp: 14309

Ion Ratio Lower Upper

172 100

171 33.9 27.8 41.8

170 23.5 19.0 28.6



#18

Fluorene

Concen: 0.029 ng

RT: 15.712 min Scan# 1646

Delta R.T. 0.000 min

Lab File: BN024295.D

Acq: 15 Mar 2023 16:07

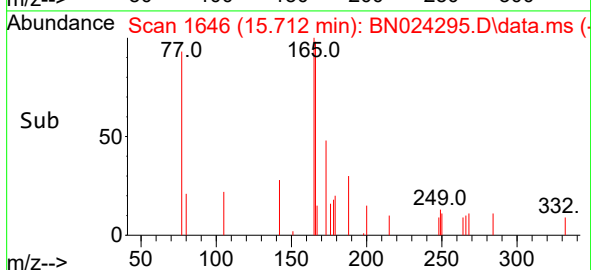
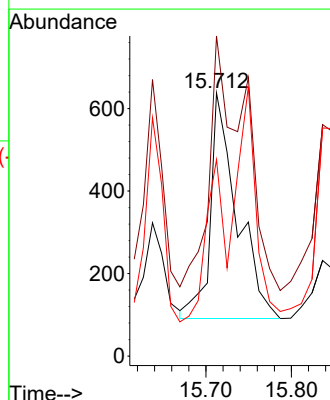
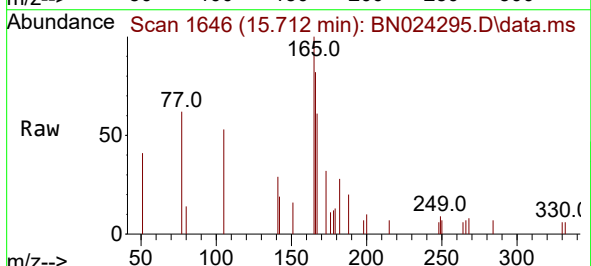
Tgt Ion:166 Resp: 1170

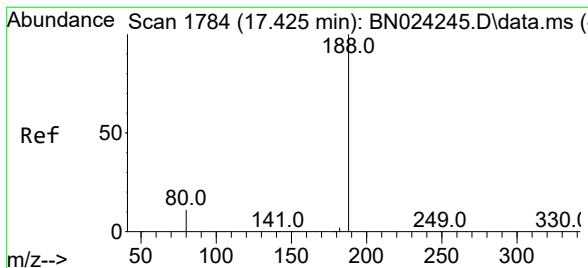
Ion Ratio Lower Upper

166 100

165 146.8 80.2 120.2#

167 48.4 10.8 16.2#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.425 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024295.D

Acq: 15 Mar 2023 16:07

Instrument :

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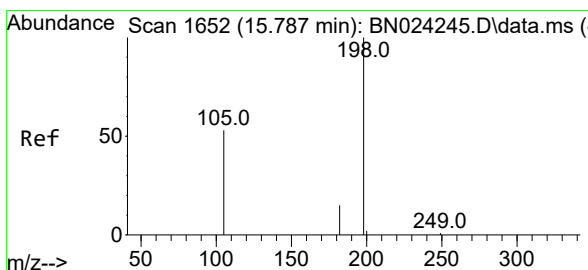
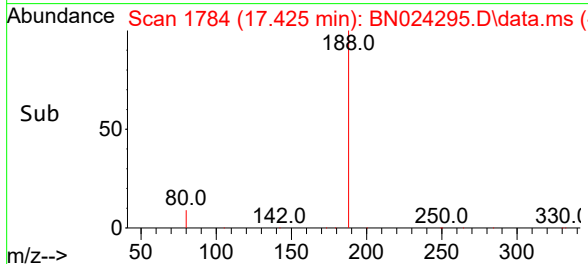
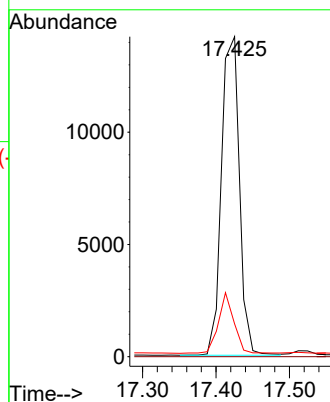
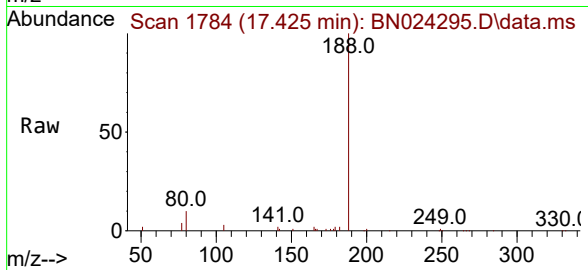
Tgt Ion:188 Resp: 24106

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 8.9 13.3



#20

4,6-Dinitro-2-methylphenol

Concen: 0.180 ng

RT: 15.774 min Scan# 1651

Delta R.T. -0.012 min

Lab File: BN024295.D

Acq: 15 Mar 2023 16:07

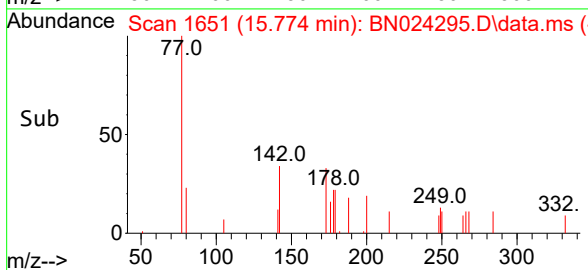
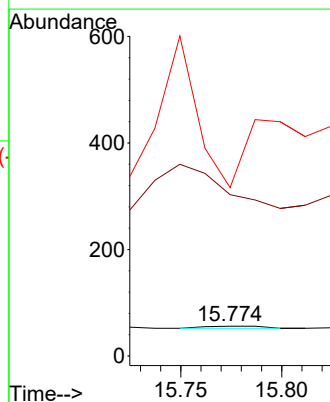
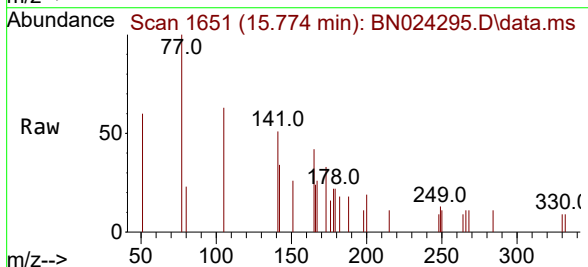
Tgt Ion:198 Resp: 8

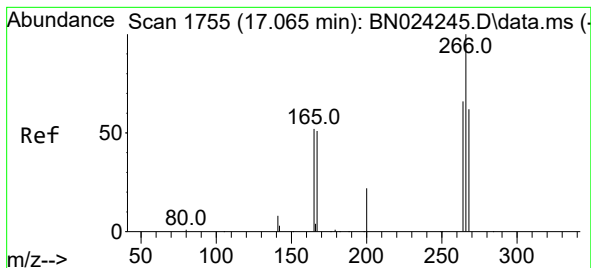
Ion Ratio Lower Upper

198 100

51 541.1 68.2 102.2#

105 564.3 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.132 ng

RT: 17.065 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BN024295.D

Acq: 15 Mar 2023 16:07

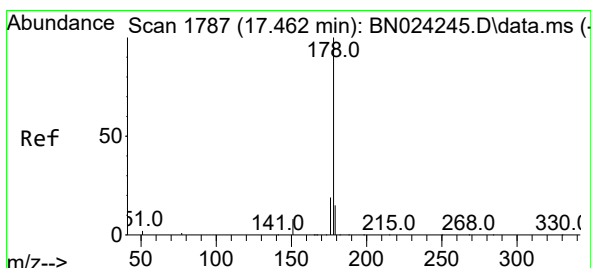
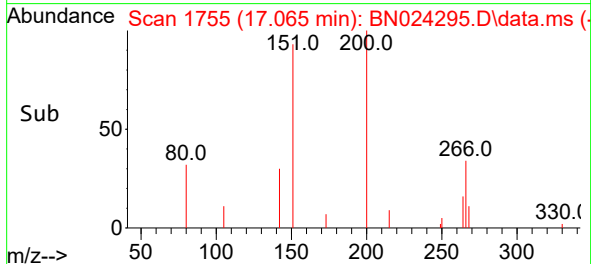
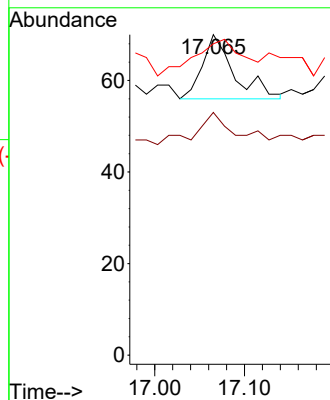
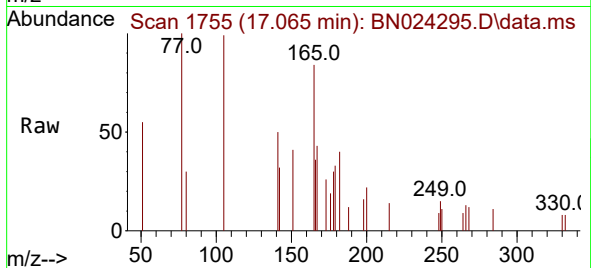
Instrument :

BNA_N

ClientSampleId :

RE132D6-20230306

Tgt Ion:	266	Resp:	34
Ion Ratio	Lower	Upper	
266	100		
264	52.9	51.1	76.7
268	88.2	52.2	78.4#



#25

Phenanthrene

Concen: 0.044 ng

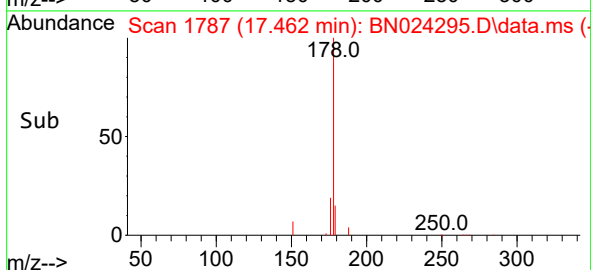
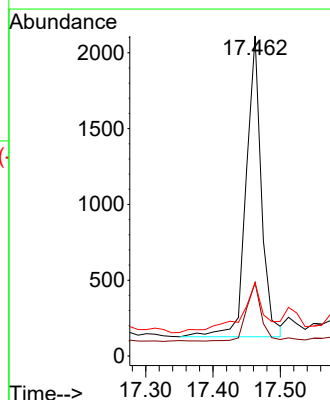
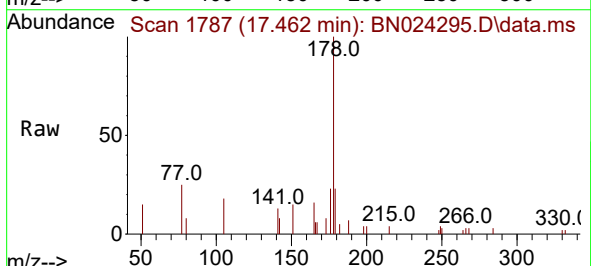
RT: 17.462 min Scan# 1787

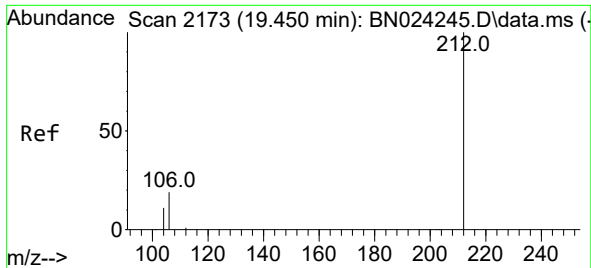
Delta R.T. 0.000 min

Lab File: BN024295.D

Acq: 15 Mar 2023 16:07

Tgt Ion:	178	Resp:	3140
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.4	23.0
179	24.1	12.2	18.2#

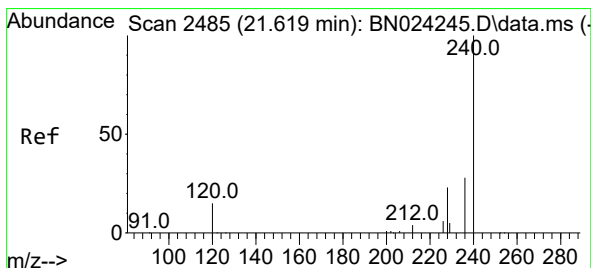
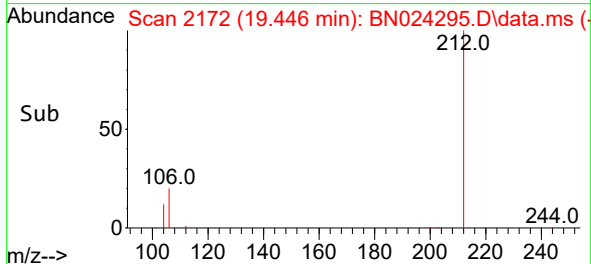
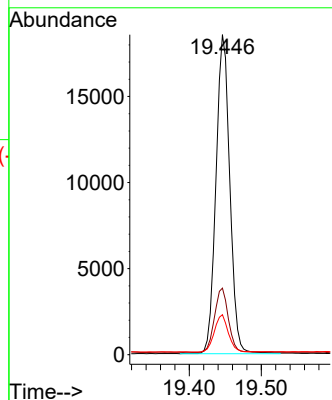
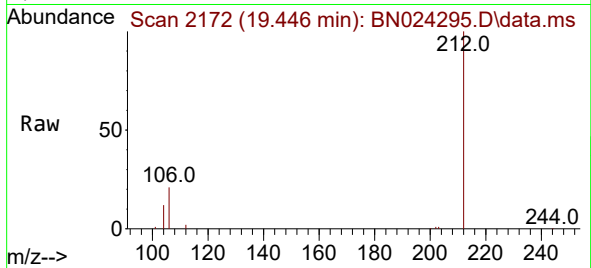




#27
Fluoranthene-d10
Concen: 0.483 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07

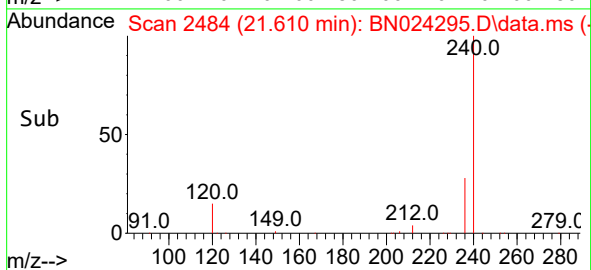
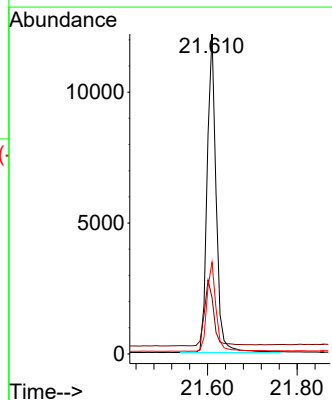
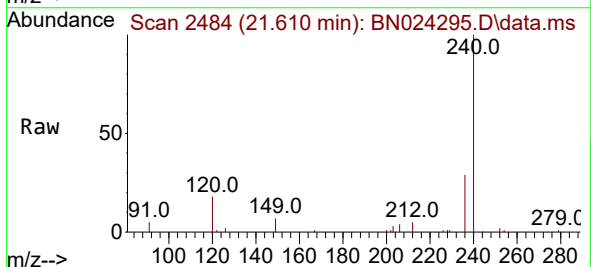
Instrument :
BNA_N
ClientSampleId :
RE132D6-20230306

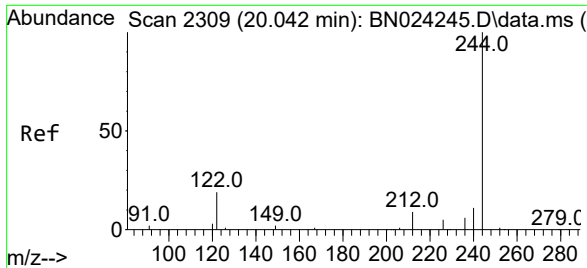
Tgt Ion:212 Resp: 24678
Ion Ratio Lower Upper
212 100
106 20.1 15.4 23.2
104 11.7 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.000 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07

Tgt Ion:240 Resp: 16973
Ion Ratio Lower Upper
240 100
120 17.6 12.8 19.2
236 28.7 22.5 33.7





#31

Terphenyl-d14

Concen: 0.472 ng

RT: 20.034 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN024295.D

Acq: 15 Mar 2023 16:07

Instrument :

BNA_N

ClientSampleId :

RE132D6-20230306

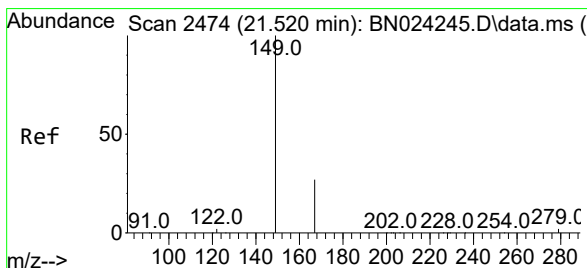
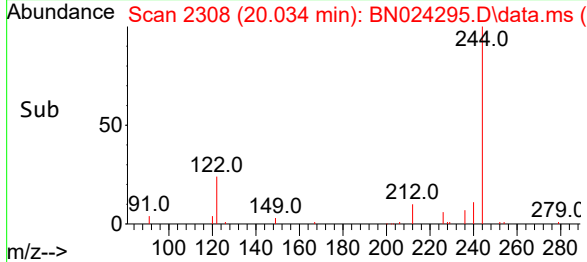
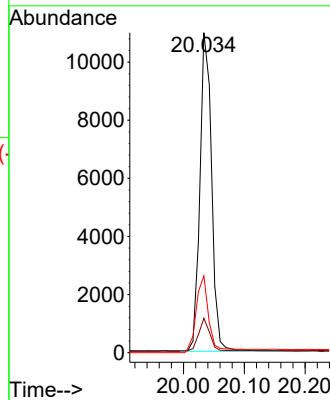
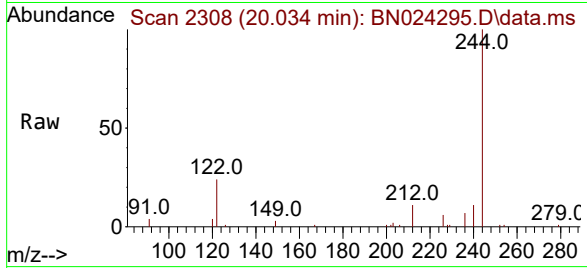
Tgt Ion:244 Resp: 13518

Ion Ratio Lower Upper

244 100

212 10.8 7.6 11.4

122 24.0 15.1 22.7#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.140 ng

RT: 21.511 min Scan# 2473

Delta R.T. 0.000 min

Lab File: BN024295.D

Acq: 15 Mar 2023 16:07

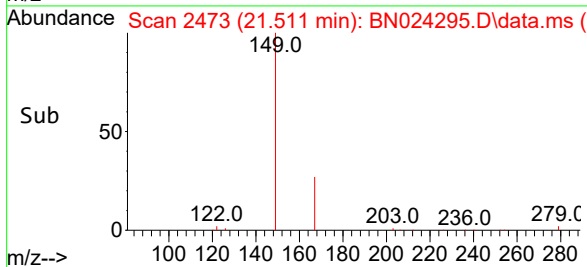
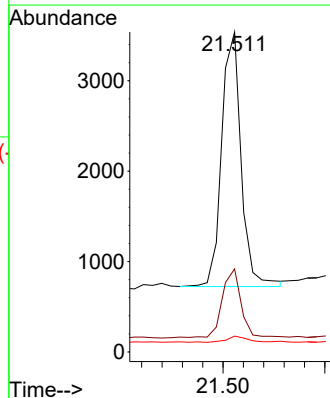
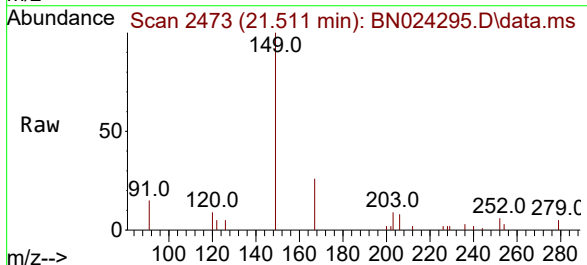
Tgt Ion:149 Resp: 3736

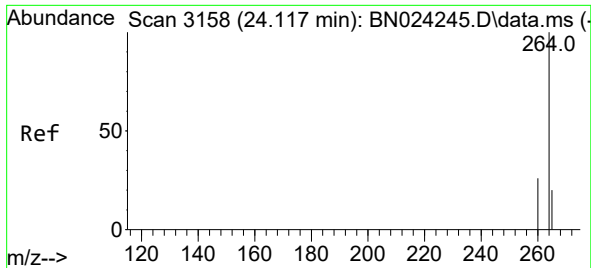
Ion Ratio Lower Upper

149 100

167 27.1 21.2 31.8

279 3.0 1.8 2.8#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.106 min Scan# 31

Delta R.T. -0.023 min

Lab File: BN024295.D

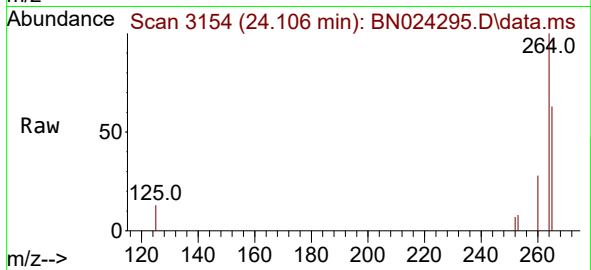
Acq: 15 Mar 2023 16:07

Instrument :

BNA_N

ClientSampleId :

RE132D6-20230306



Tgt Ion:264 Resp: 12788

Ion Ratio Lower Upper

264 100

260 27.6 21.4 32.2

265 63.3 35.7 53.5#

