

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024356.D
 Acq On : 17 Mar 2023 21:19
 Operator : CG/JU
 Sample : 01879-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D3-20230308

Quant Time: Mar 17 23:30:44 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)

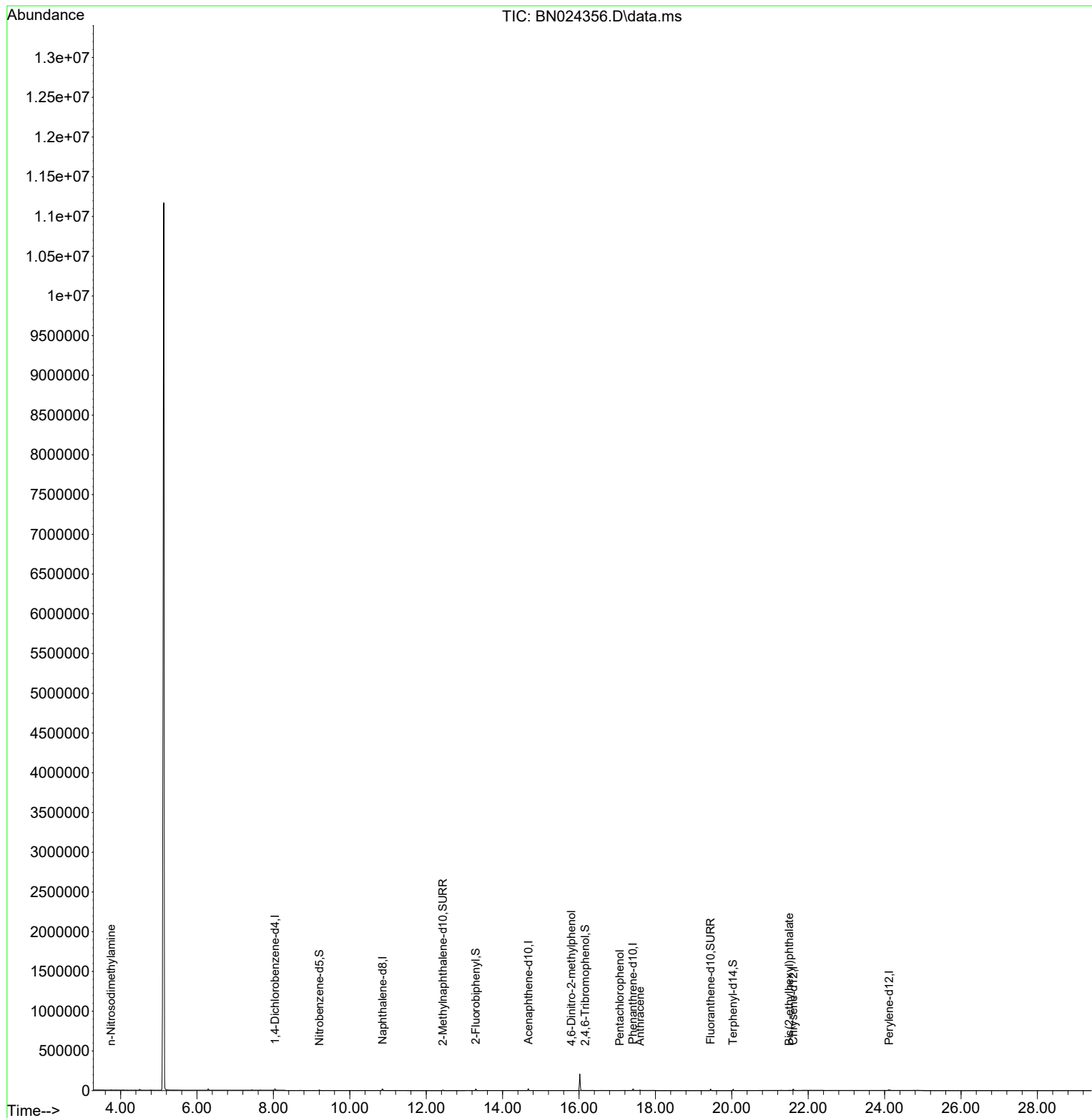
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	8483	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	25212	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	11910	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	24259	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	15735	0.400	ng	0.00
35) Perylene-d12	24.114	264	11662	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.585	112	289	0.015	ng	0.00
5) Phenol-d6	7.195	99	293	0.012	ng	0.00
8) Nitrobenzene-d5	9.201	82	5953	0.353	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	10818	0.349	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	566	0.093	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	16214	0.360	ng	-0.01
27) Fluoranthene-d10	19.446	212	19587	0.381	ng	0.00
31) Terphenyl-d14	20.034	244	12406	0.468	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.750	42	291	0.022	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.799	198	6	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	16	0.130	ng	# 71
26) Anthracene	17.599	178	1814	0.027	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.502	149	2920	0.118	ng	94

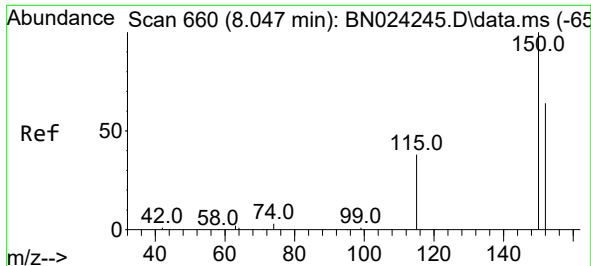
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
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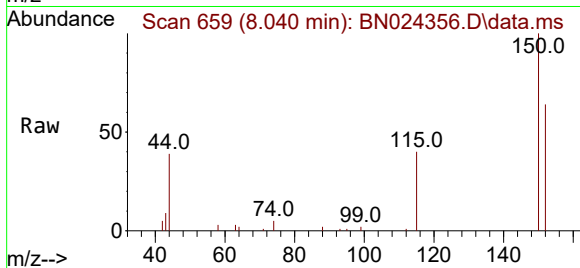
Quant Time: Mar 17 23:30:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 04:37:08 2023
Response via : Initial Calibration



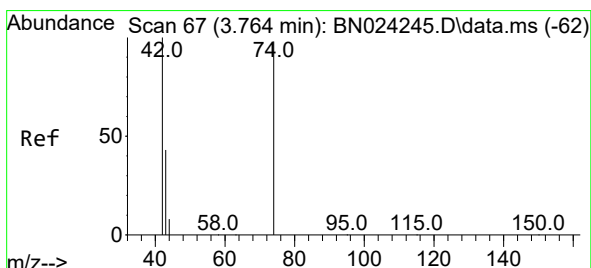
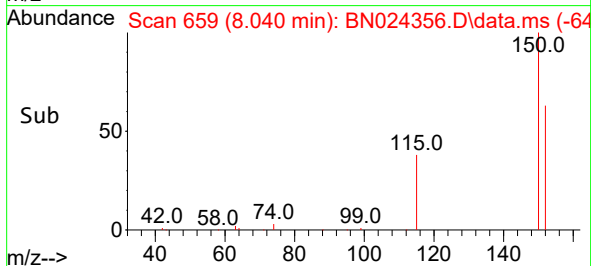
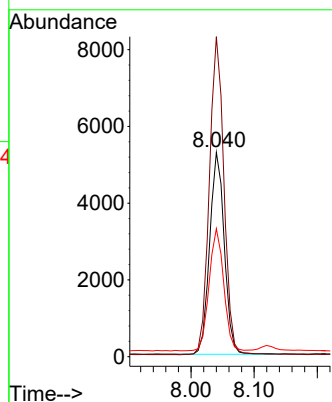


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN024356.D
Acq: 17 Mar 2023 21:19

Instrument :
BNA_N
ClientSampleId :
RE104D3-20230308

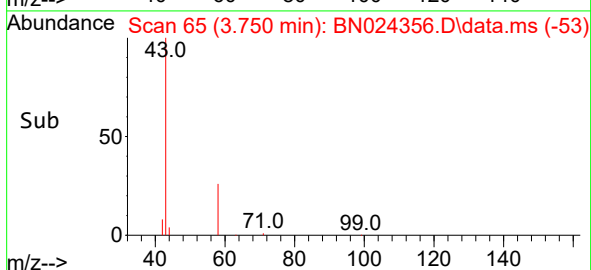
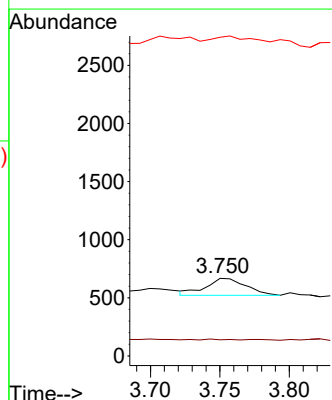
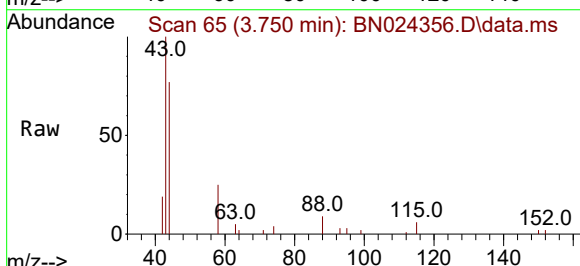


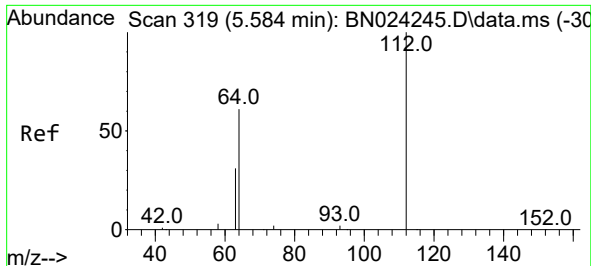
Tgt Ion:152 Resp: 8483
Ion Ratio Lower Upper
152 100
150 156.6 124.7 187.1
115 62.7 49.1 73.7



#3
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.750 min Scan# 65
Delta R.T. -0.014 min
Lab File: BN024356.D
Acq: 17 Mar 2023 21:19

Tgt Ion: 42 Resp: 291
Ion Ratio Lower Upper
42 100
74 2.4 81.6 122.4#
44 95.9 7.3 10.9#

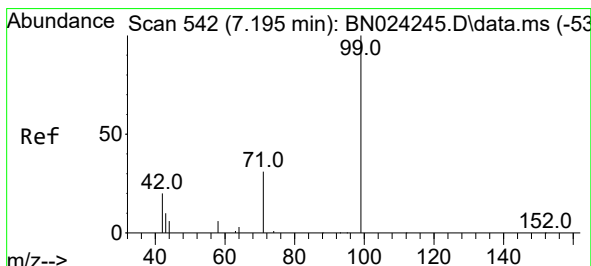
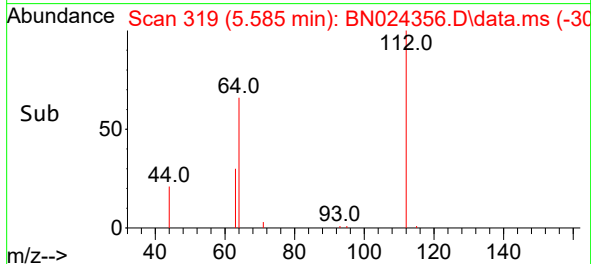
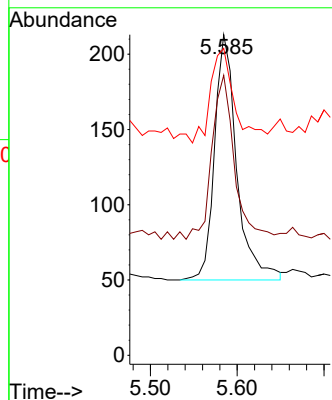
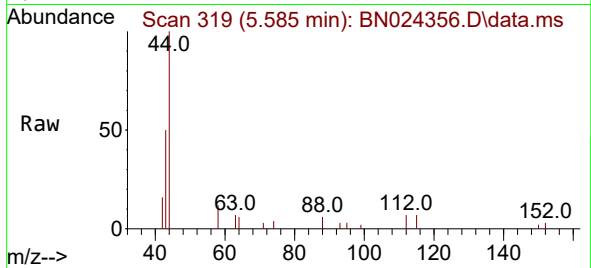




#4
2-Fluorophenol
Concen: 0.015 ng
RT: 5.585 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024356.D
Acq: 17 Mar 2023 21:19

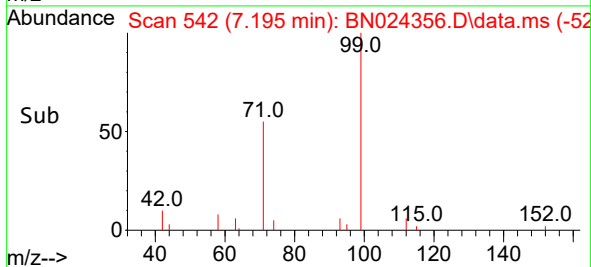
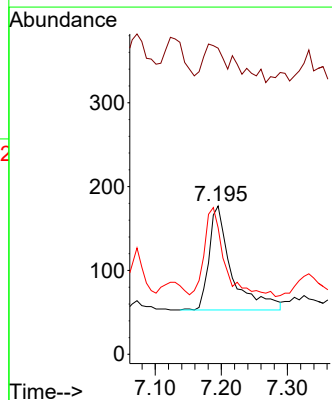
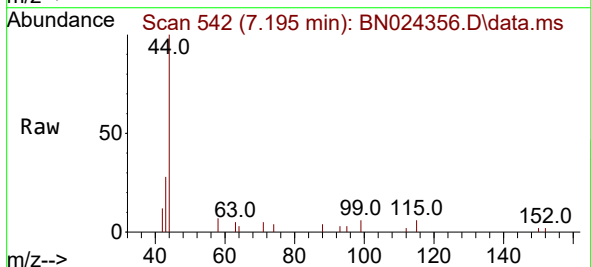
Instrument :
BNA_N
ClientSampleId :
RE104D3-20230308

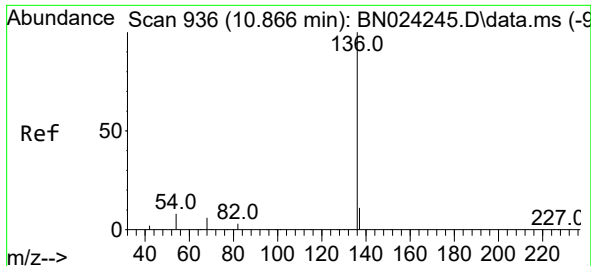
Tgt Ion: 112 Resp: 289
Ion Ratio Lower Upper
112 100
64 68.2 49.0 73.6
63 42.2 25.7 38.5#



#5
Phenol-d6
Concen: 0.012 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024356.D
Acq: 17 Mar 2023 21:19

Tgt Ion: 99 Resp: 293
Ion Ratio Lower Upper
99 100
42 24.2 20.1 30.1
71 75.8 25.8 38.8#

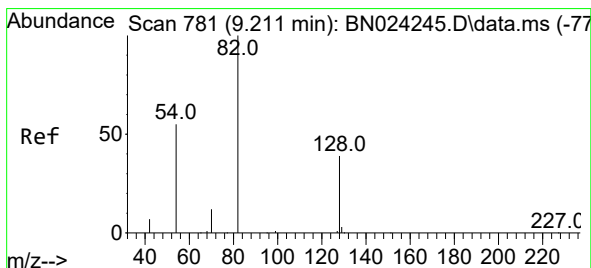
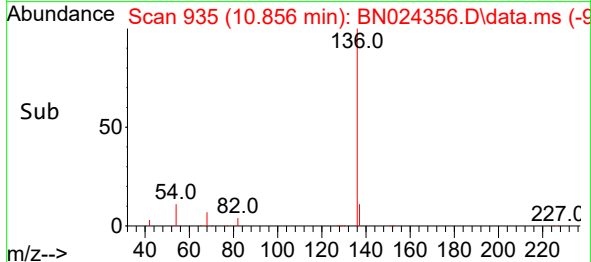
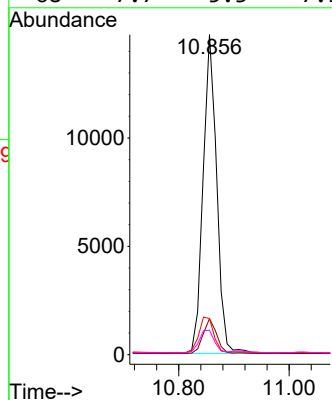
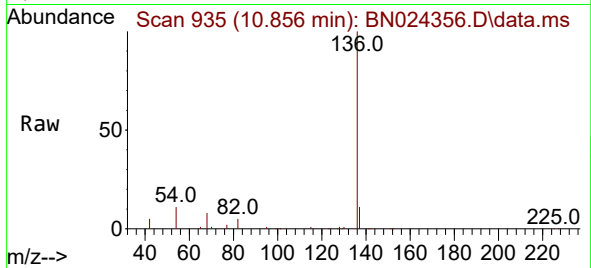




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024356.D
Acq: 17 Mar 2023 21:19

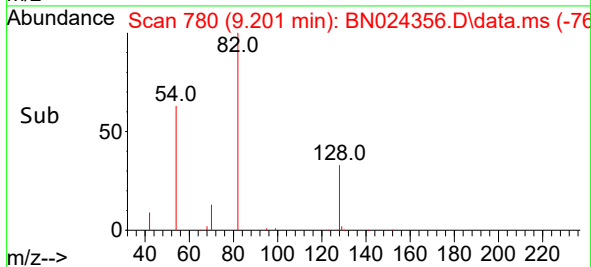
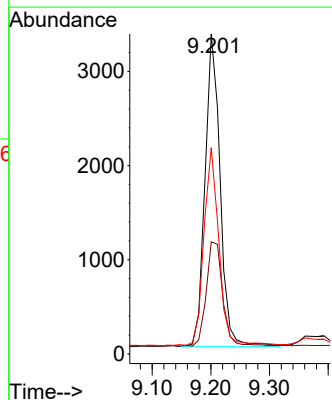
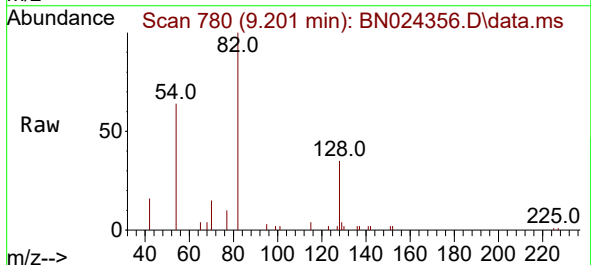
Instrument :
BNA_N
ClientSampleId :
RE104D3-20230308

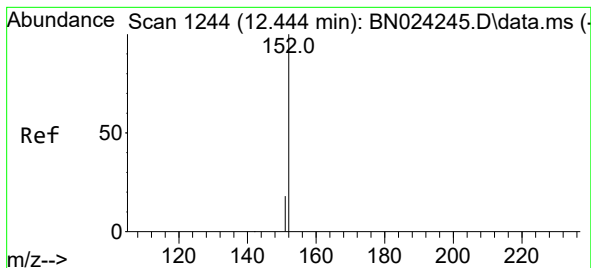
Tgt Ion:	136	Resp:	25212
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	11.3	7.1	10.7#
68	7.7	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.353 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024356.D
Acq: 17 Mar 2023 21:19

Tgt Ion:	82	Resp:	5953
Ion Ratio	Lower	Upper	
82	100		
128	35.1	32.4	48.6
54	64.4	45.2	67.8

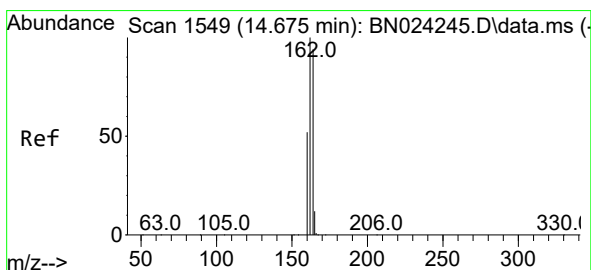
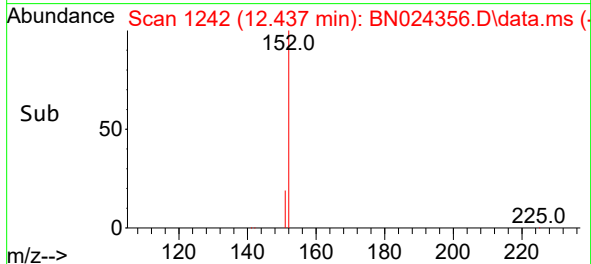
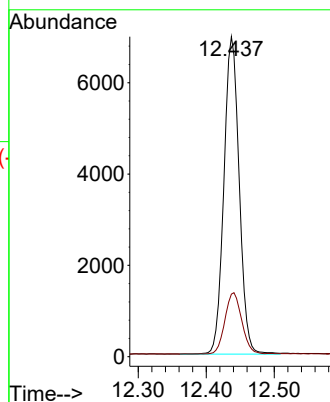
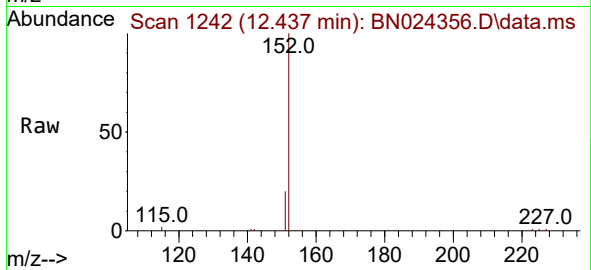




#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.437 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN024356.D
Acq: 17 Mar 2023 21:19

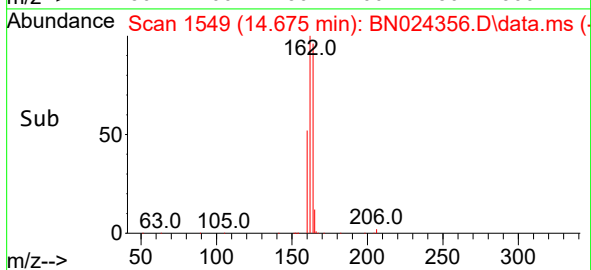
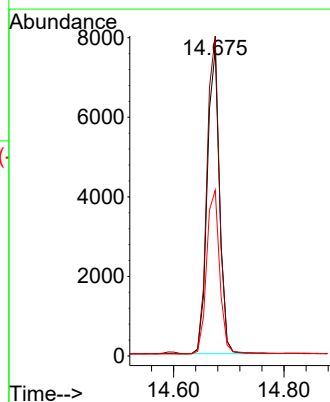
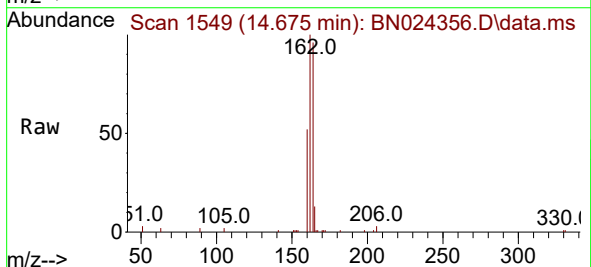
Instrument :
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ClientSampleId :
RE104D3-20230308

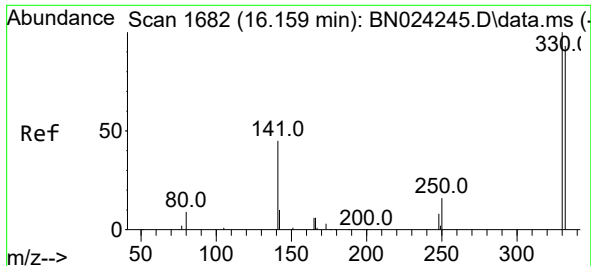
Tgt Ion:152 Resp: 10818
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024356.D
Acq: 17 Mar 2023 21:19

Tgt Ion:164 Resp: 11910
Ion Ratio Lower Upper
164 100
162 104.5 84.7 127.1
160 54.1 44.6 66.8

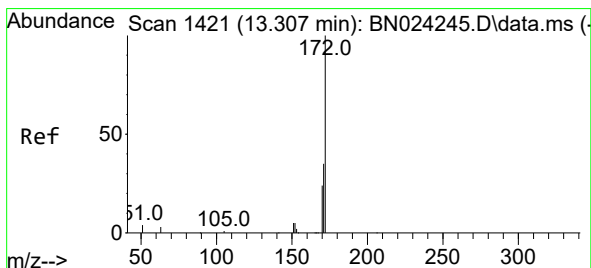
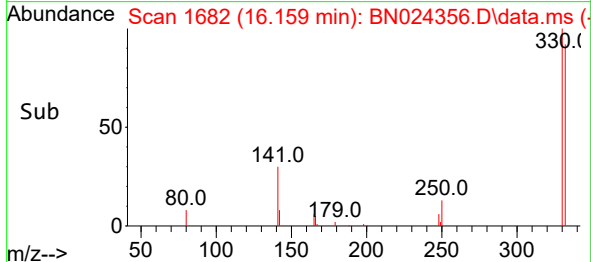
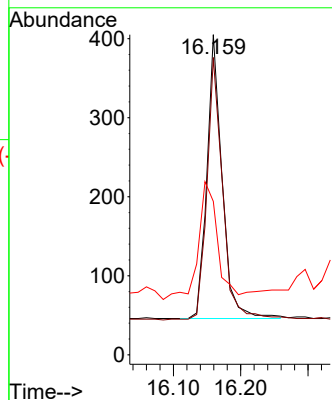
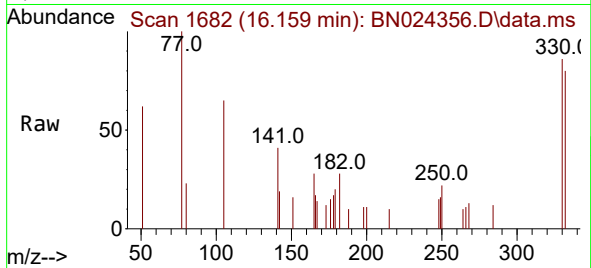




#14
2,4,6-Tribromophenol
Concen: 0.093 ng
RT: 16.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024356.D
Acq: 17 Mar 2023 21:19

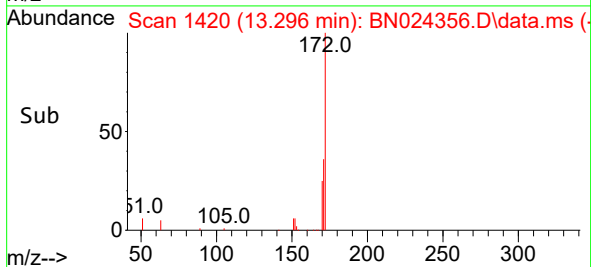
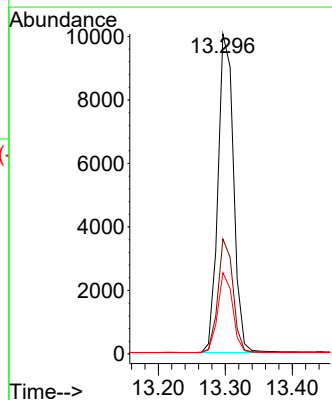
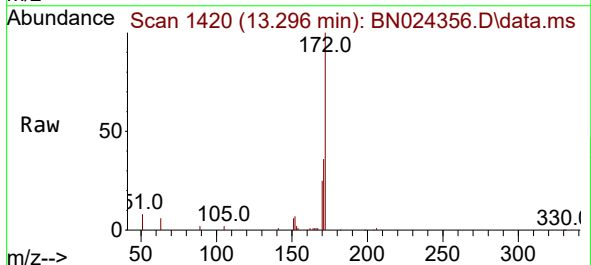
Instrument :
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ClientSampleId :
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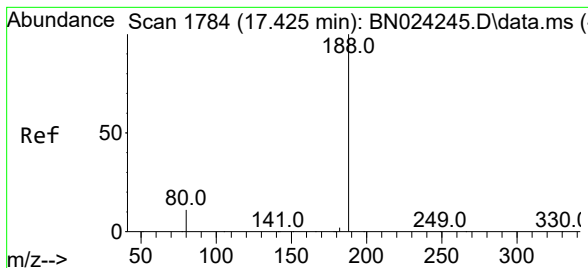
Tgt Ion:330 Resp: 566
Ion Ratio Lower Upper
330 100
332 95.6 78.0 117.0
141 53.0 30.8 46.2#



#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.296 min Scan# 1420
Delta R.T. -0.011 min
Lab File: BN024356.D
Acq: 17 Mar 2023 21:19

Tgt Ion:172 Resp: 16214
Ion Ratio Lower Upper
172 100
171 35.9 27.8 41.8
170 25.4 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.413 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024356.D

Acq: 17 Mar 2023 21:19

Instrument :

BNA_N

ClientSampleId :

RE104D3-20230308

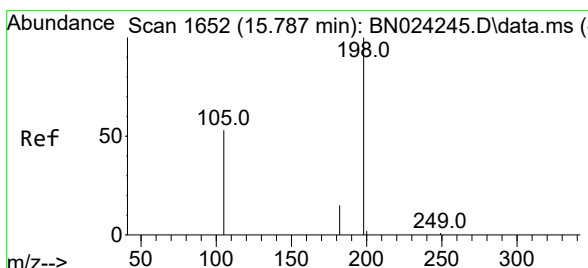
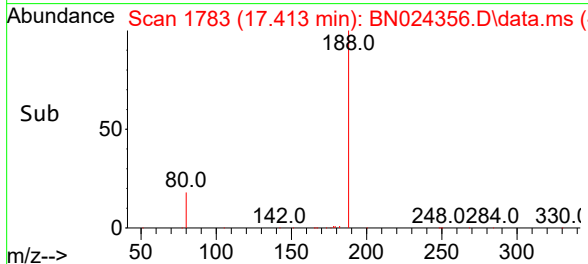
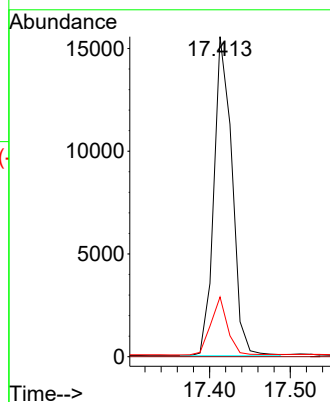
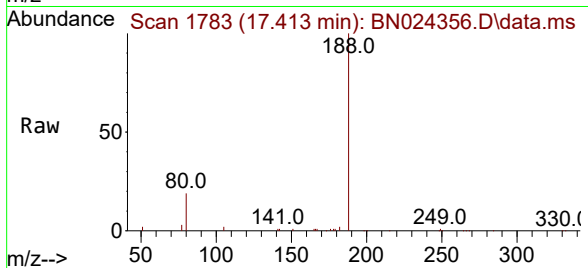
Tgt Ion:188 Resp: 24259

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 18.7 8.9 13.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.179 ng

RT: 15.799 min Scan# 1653

Delta R.T. 0.013 min

Lab File: BN024356.D

Acq: 17 Mar 2023 21:19

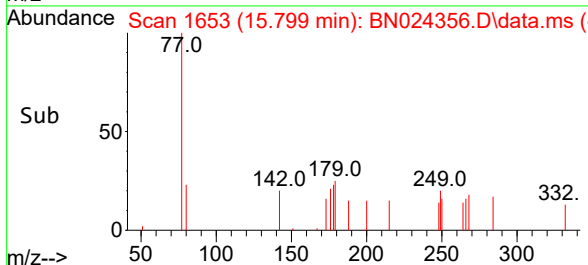
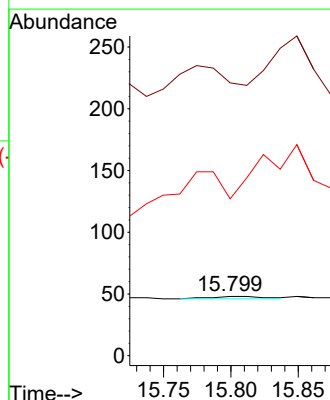
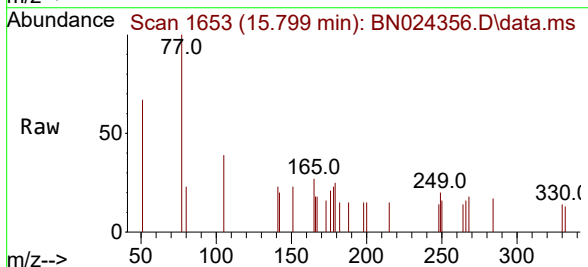
Tgt Ion:198 Resp: 6

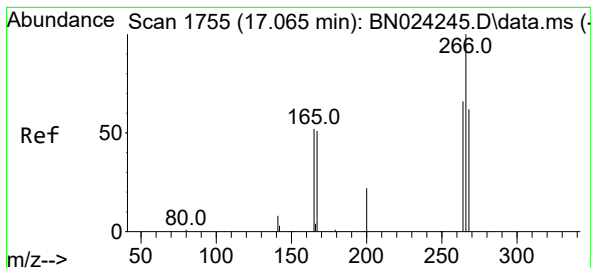
Ion Ratio Lower Upper

198 100

51 460.4 68.2 102.2#

105 264.6 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.130 ng

RT: 17.065 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BN024356.D

Acq: 17 Mar 2023 21:19

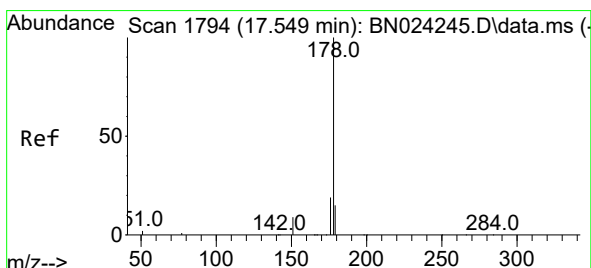
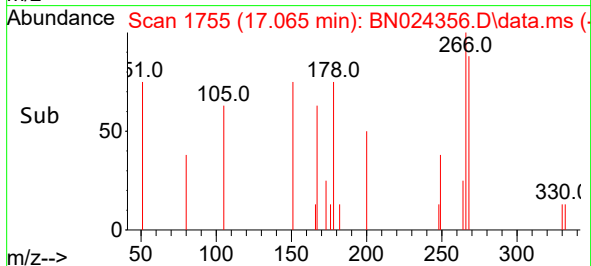
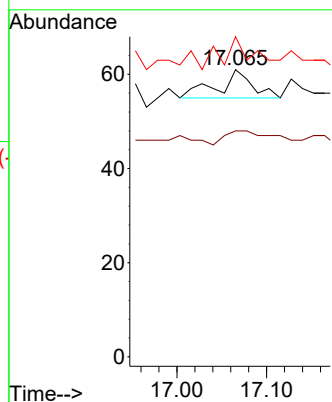
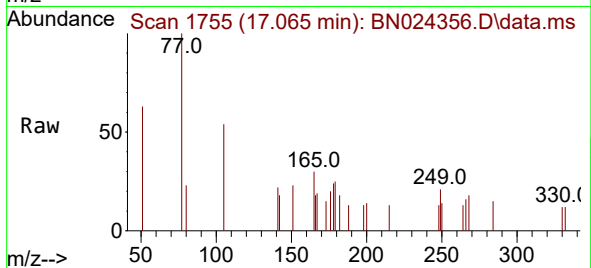
Instrument :

BNA_N

ClientSampleId :

RE104D3-20230308

Tgt Ion:	266	Resp:	16
Ion Ratio	Lower	Upper	
266	100		
264	68.8	51.1	76.7
268	106.3	52.2	78.4



#26

Anthracene

Concen: 0.027 ng

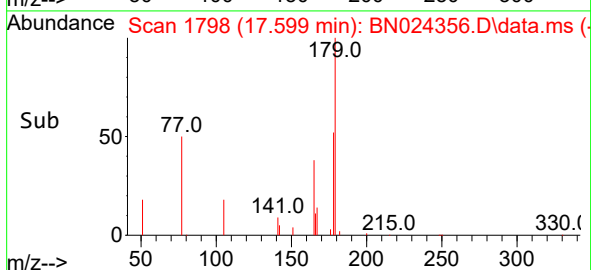
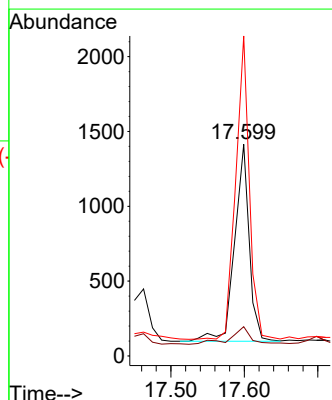
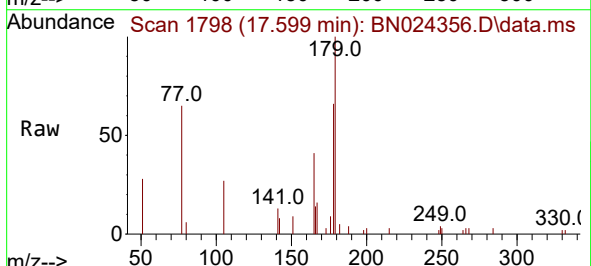
RT: 17.599 min Scan# 1798

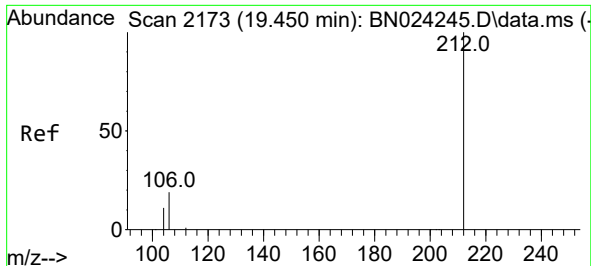
Delta R.T. 0.050 min

Lab File: BN024356.D

Acq: 17 Mar 2023 21:19

Tgt Ion:	178	Resp:	1814
Ion Ratio	Lower	Upper	
178	100		
176	12.8	15.1	22.7
179	143.9	12.1	18.1

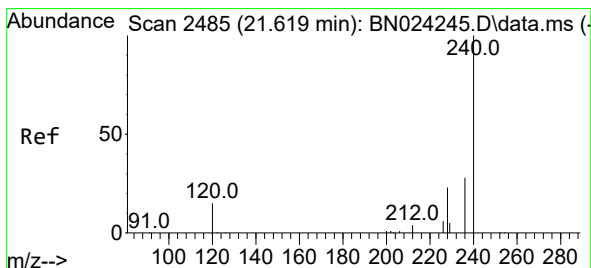
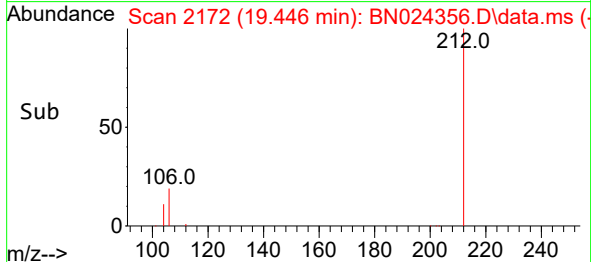
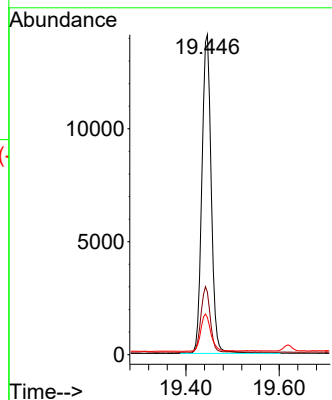
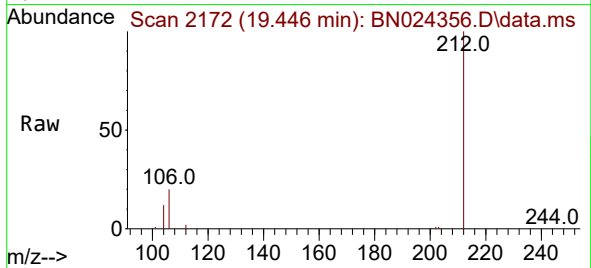




#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024356.D
Acq: 17 Mar 2023 21:19

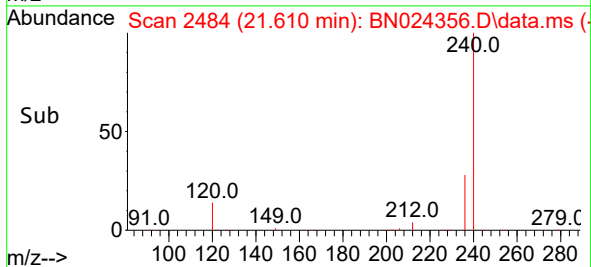
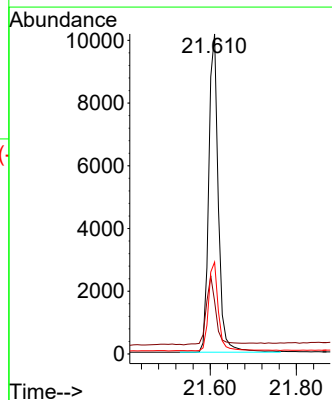
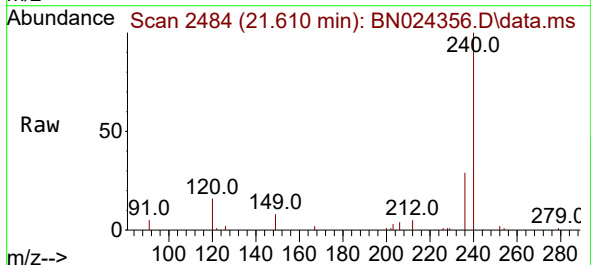
Instrument :
BNA_N
ClientSampleId :
RE104D3-20230308

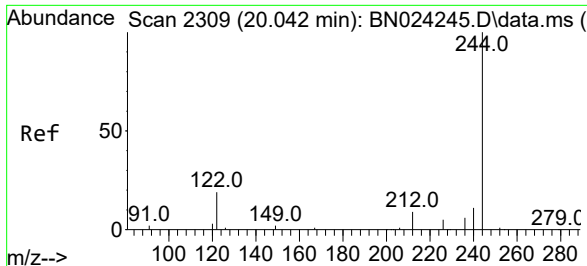
Tgt Ion:212 Resp: 19587
Ion Ratio Lower Upper
212 100
106 20.2 15.4 23.2
104 12.6 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024356.D
Acq: 17 Mar 2023 21:19

Tgt Ion:240 Resp: 15735
Ion Ratio Lower Upper
240 100
120 16.5 12.8 19.2
236 28.7 22.5 33.7





#31

Terphenyl-d14

Concen: 0.468 ng

RT: 20.034 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024356.D

Acq: 17 Mar 2023 21:19

Instrument :

BNA_N

ClientSampleId :

RE104D3-20230308

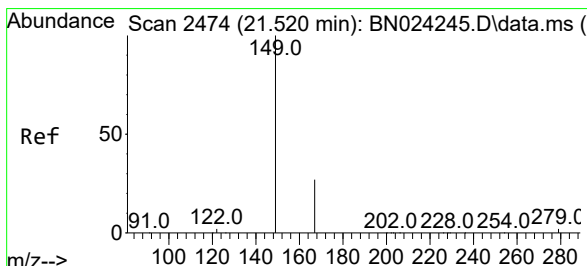
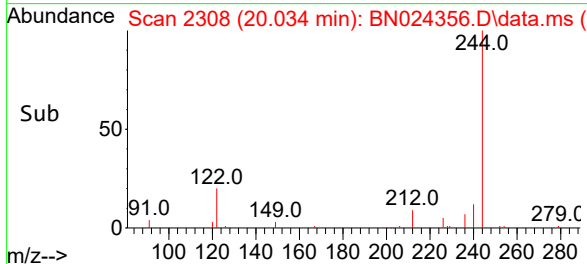
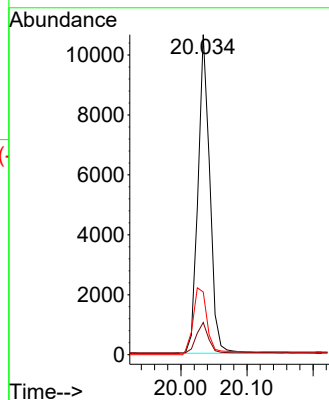
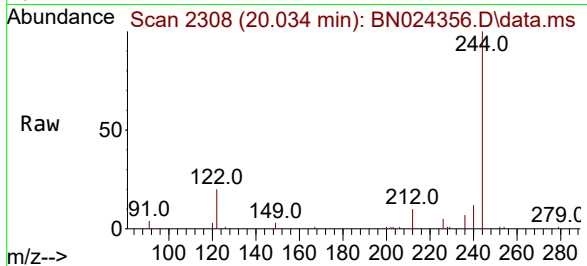
Tgt Ion:244 Resp: 12406

Ion Ratio Lower Upper

244 100

212 10.0 7.6 11.4

122 19.6 15.1 22.7



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.118 ng

RT: 21.502 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BN024356.D

Acq: 17 Mar 2023 21:19

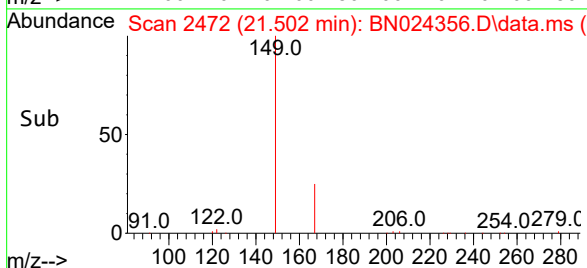
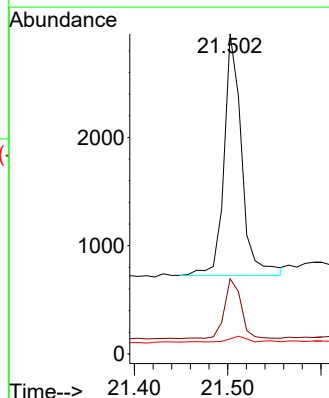
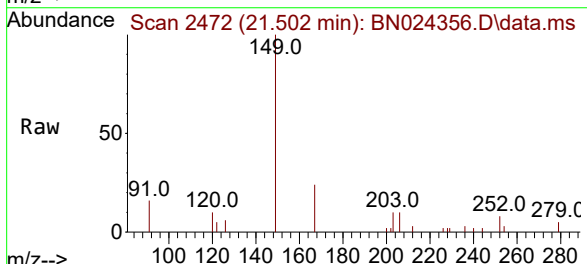
Tgt Ion:149 Resp: 2920

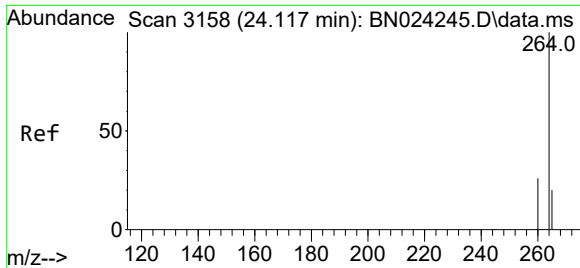
Ion Ratio Lower Upper

149 100

167 23.0 21.2 31.8

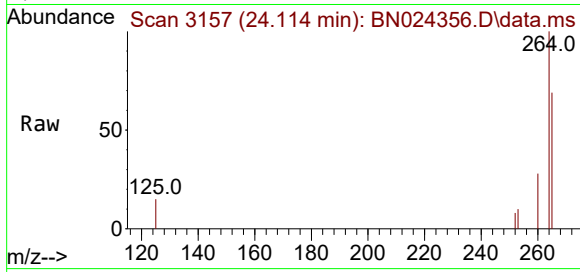
279 2.3 1.8 2.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.114 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN024356.D
 Acq: 17 Mar 2023 21:19

Instrument :
 BNA_N
 ClientSampleId :
 RE104D3-20230308



Tgt Ion:264 Resp: 11662

Ion	Ratio	Lower	Upper
264	100		
260	27.9	21.4	32.2
265	69.2	35.7	53.5

