

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024396.D
 Acq On : 19 Mar 2023 01:21
 Operator : CG/JU
 Sample : 01903-12
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20230312

Quant Time: Mar 20 01:13:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:49:08 2023
 Response via : Initial Calibration

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

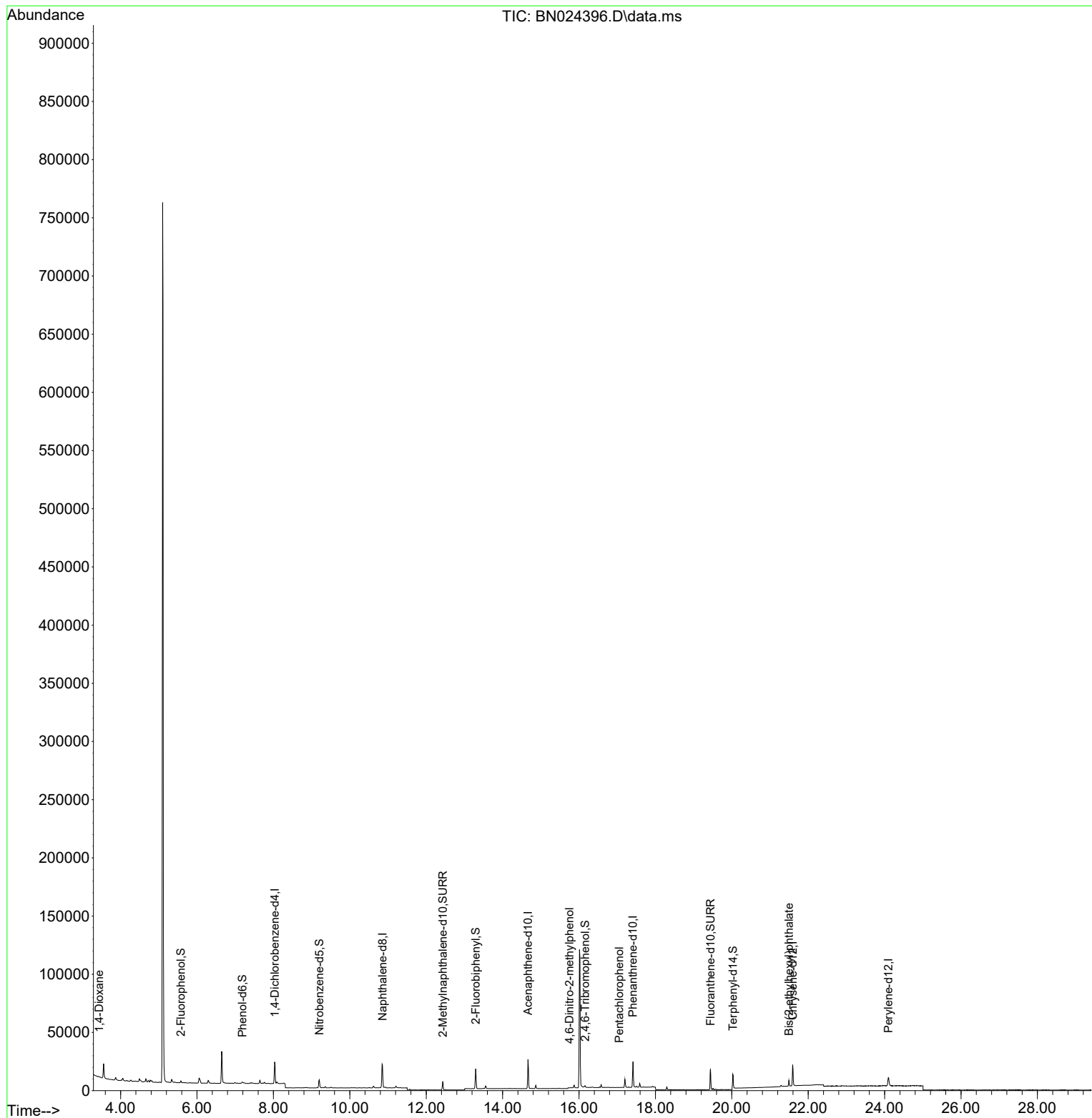
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.033	152	8928	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	27281	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	13165	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	27662	0.400	ng	# 0.00
29) Chrysene-d12	21.592	240	17534	0.400	ng	# 0.00
35) Perylene-d12	24.100	264	12397	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	1247	0.063	ng	0.00
5) Phenol-d6	7.188	99	943	0.037	ng	0.00
8) Nitrobenzene-d5	9.200	82	5805	0.318	ng	0.00
11) 2-Methylnaphthalene-d10	12.433	152	9763	0.291	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	839	0.125	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	14200	0.286	ng	0.00
27) Fluoranthene-d10	19.442	212	17739	0.302	ng	0.00
31) Terphenyl-d14	20.033	244	9697	0.328	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.439	88	201	0.021	ng	# 36
20) 4,6-Dinitro-2-methylph...	15.749	198	7	0.180	ng	# 1
24) Pentachlorophenol	17.053	266	22	0.130	ng	# 61
34) Bis(2-ethylhexyl)phtha...	21.493	149	4661	0.169	ng	95

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

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DUP05-20230312

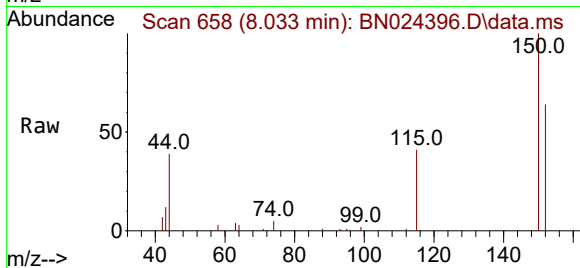
Quant Time: Mar 20 01:13:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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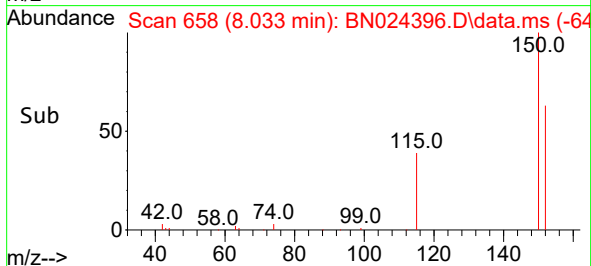
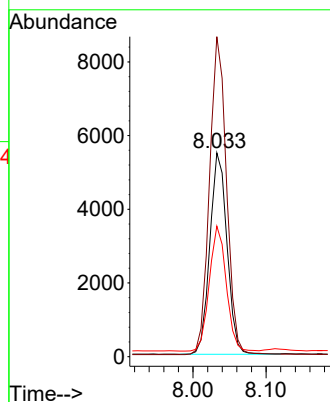


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.033 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN024396.D
Acq: 19 Mar 2023 01:21

Instrument :
BNA_N
ClientSampleId :
DUP05-20230312

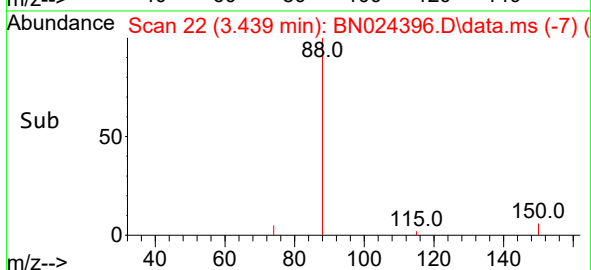
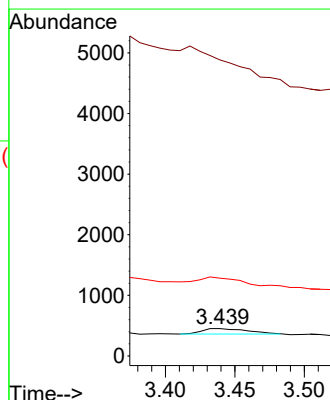
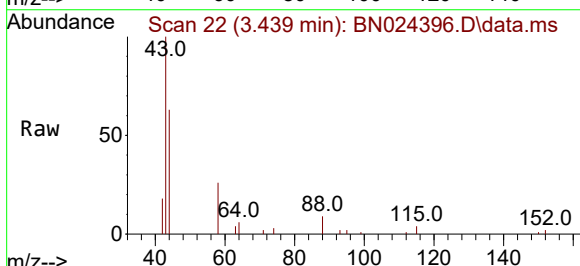


Tgt Ion:152 Resp: 8928
Ion Ratio Lower Upper
152 100
150 157.0 124.7 187.1
115 64.1 49.1 73.7



#2
1,4-Dioxane
Concen: 0.021 ng
RT: 3.439 min Scan# 22
Delta R.T. 0.007 min
Lab File: BN024396.D
Acq: 19 Mar 2023 01:21

Tgt Ion: 88 Resp: 201
Ion Ratio Lower Upper
88 100
43 0.0 29.0 43.4#
58 143.3 67.3 100.9#

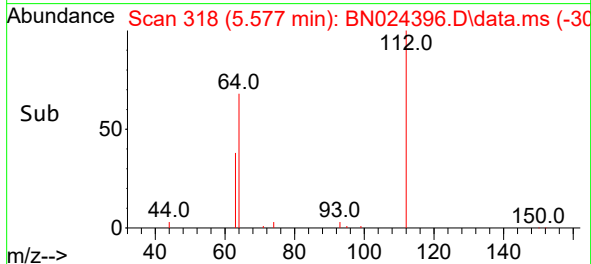
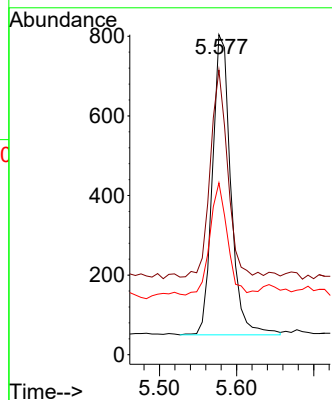
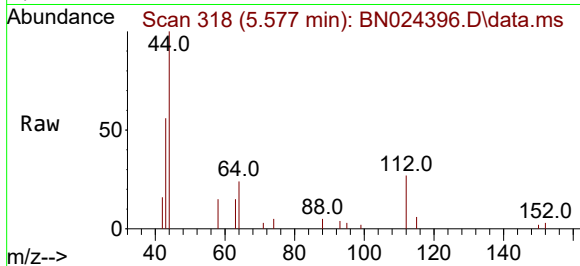




#4
2-Fluorophenol
Concen: 0.063 ng
RT: 5.577 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024396.D
Acq: 19 Mar 2023 01:21

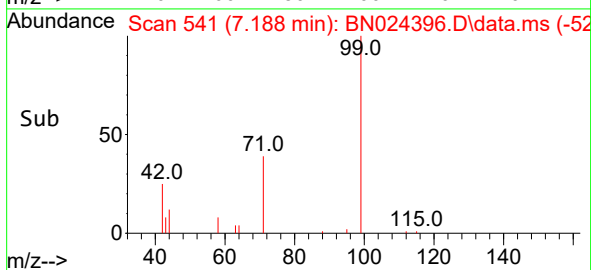
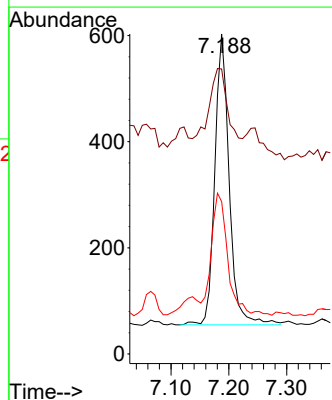
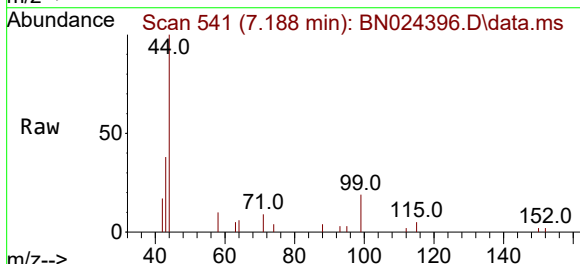
Instrument :
BNA_N
ClientSampleId :
DUP05-20230312

Tgt Ion:112 Resp: 1247
Ion Ratio Lower Upper
112 100
64 66.2 49.0 73.6
63 36.7 25.7 38.5



#5
Phenol-d6
Concen: 0.037 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024396.D
Acq: 19 Mar 2023 01:21

Tgt Ion: 99 Resp: 943
Ion Ratio Lower Upper
99 100
42 41.6 20.1 30.1#
71 48.1 25.8 38.8#

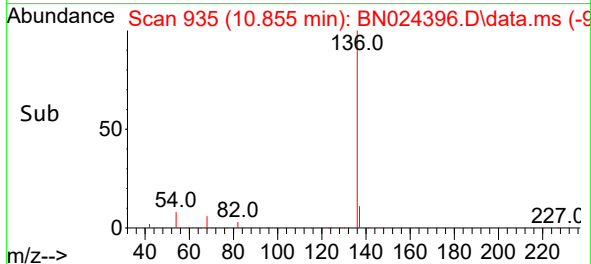
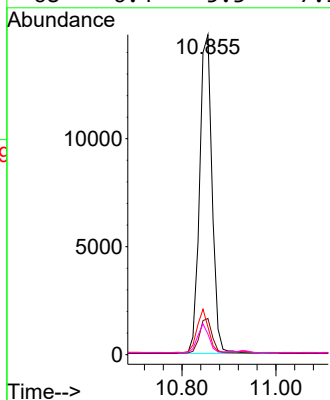
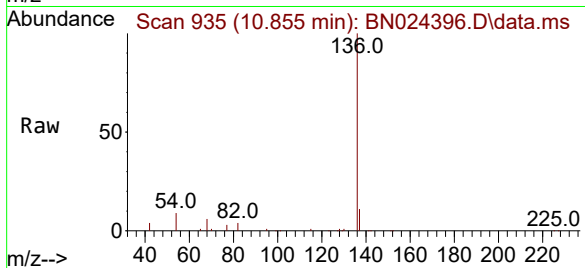




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024396.D
Acq: 19 Mar 2023 01:21

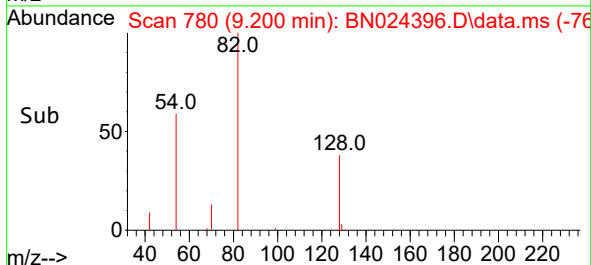
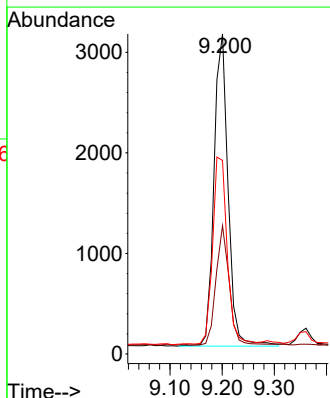
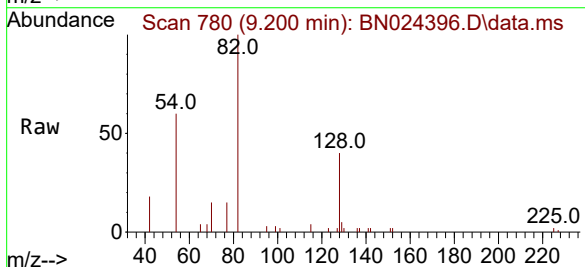
Instrument :
BNA_N
ClientSampleId :
DUP05-20230312

Tgt Ion:	136	Resp:	27281
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.6	7.1	10.7
68	6.4	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.318 ng
RT: 9.200 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024396.D
Acq: 19 Mar 2023 01:21

Tgt Ion:	82	Resp:	5805
Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.4	48.6
54	60.4	45.2	67.8





#11

2-Methylnaphthalene-d10

Concen: 0.291 ng

RT: 12.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024396.D

Acq: 19 Mar 2023 01:21

Instrument :

BNA_N

ClientSampleId :

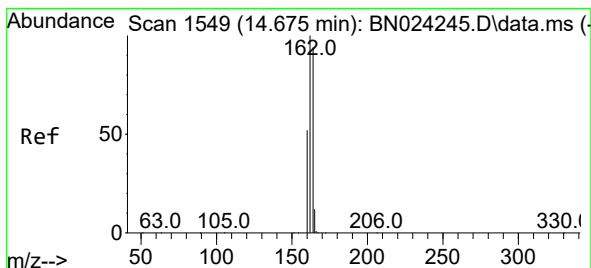
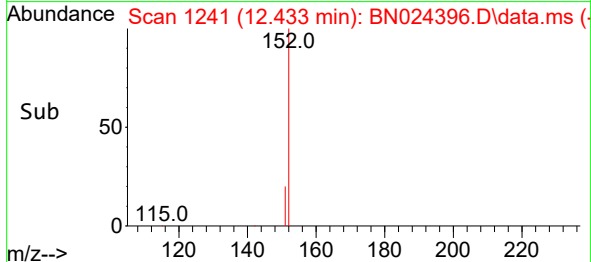
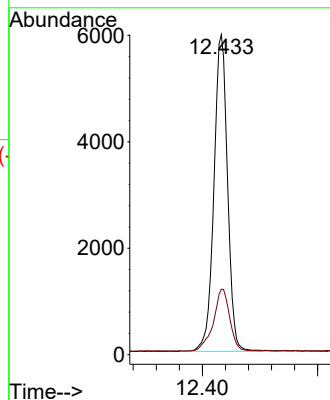
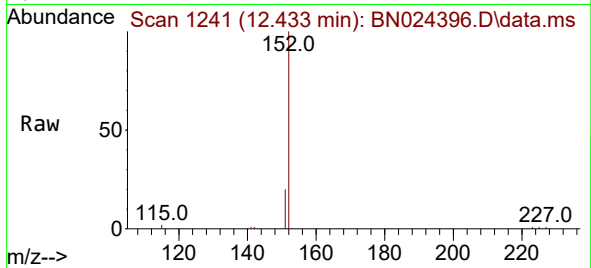
DUP05-20230312

Tgt Ion:152 Resp: 9763

Ion Ratio Lower Upper

152 100

151 23.4 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.665 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BN024396.D

Acq: 19 Mar 2023 01:21

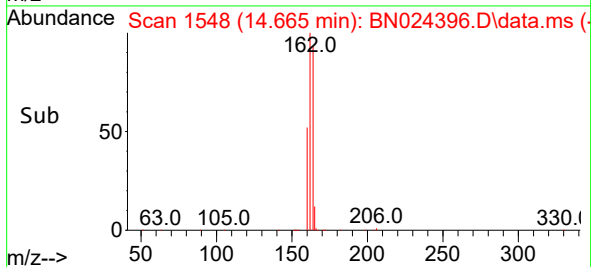
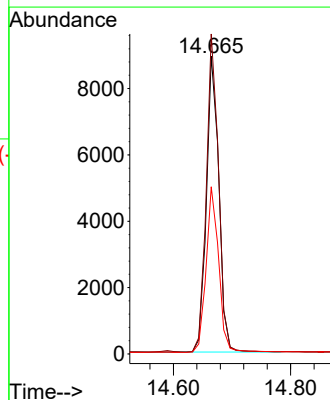
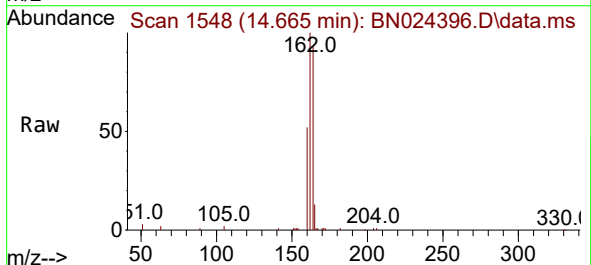
Tgt Ion:164 Resp: 13165

Ion Ratio Lower Upper

164 100

162 107.5 84.7 127.1

160 56.2 44.6 66.8

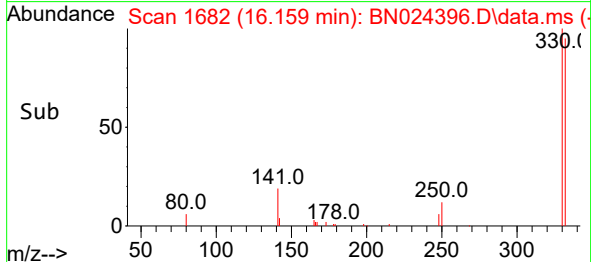
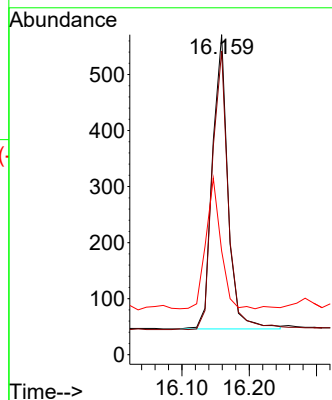
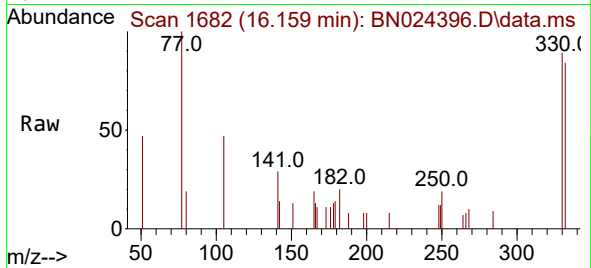




#14
2,4,6-Tribromophenol
Concen: 0.125 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024396.D
Acq: 19 Mar 2023 01:21

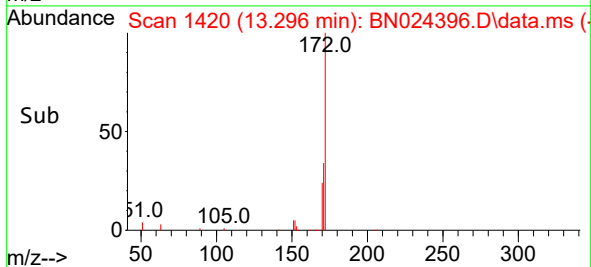
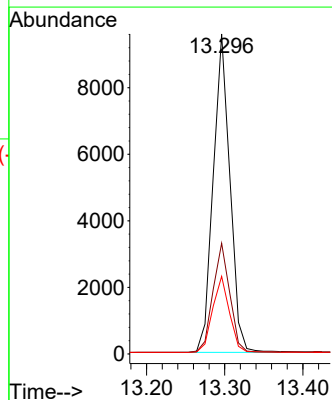
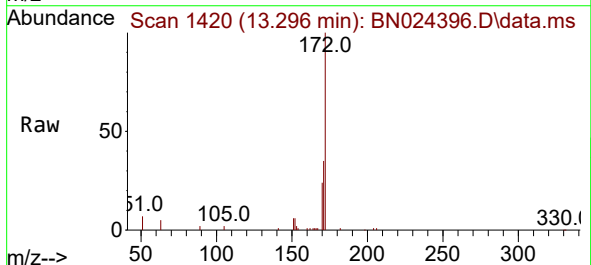
Instrument :
BNA_N
ClientSampleId :
DUP05-20230312

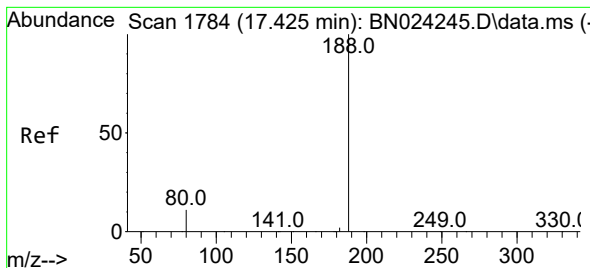
Tgt Ion: 330 Resp: 839
Ion Ratio Lower Upper
330 100
332 97.5 78.0 117.0
141 42.7 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 13.296 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BN024396.D
Acq: 19 Mar 2023 01:21

Tgt Ion: 172 Resp: 14200
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 24.3 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.413 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024396.D

Acq: 19 Mar 2023 01:21

Instrument :

BNA_N

ClientSampleId :

DUP05-20230312

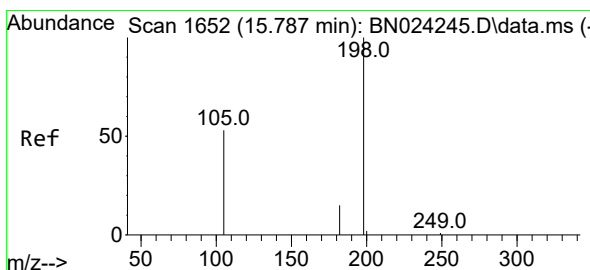
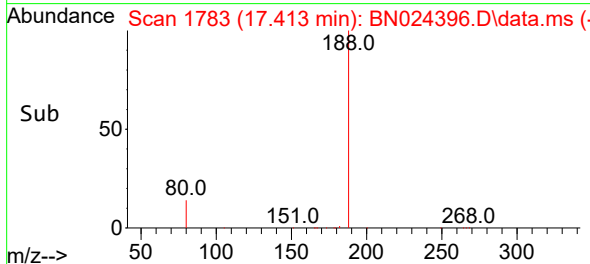
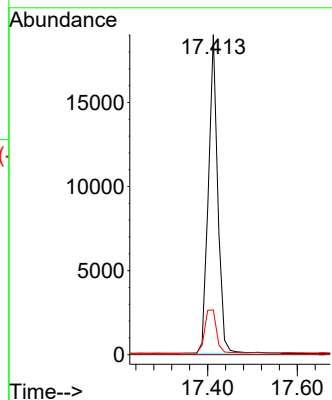
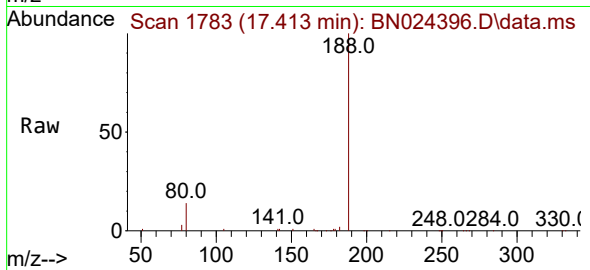
Tgt Ion:188 Resp: 27662

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.0 8.9 13.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.180 ng

RT: 15.749 min Scan# 1649

Delta R.T. -0.037 min

Lab File: BN024396.D

Acq: 19 Mar 2023 01:21

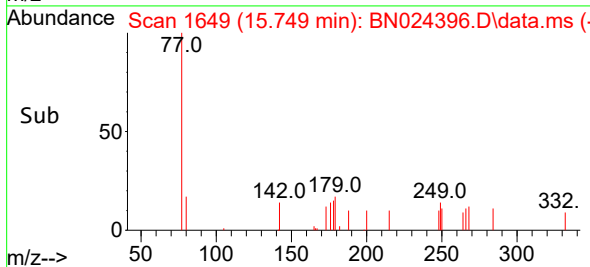
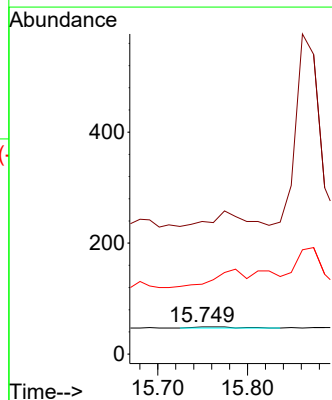
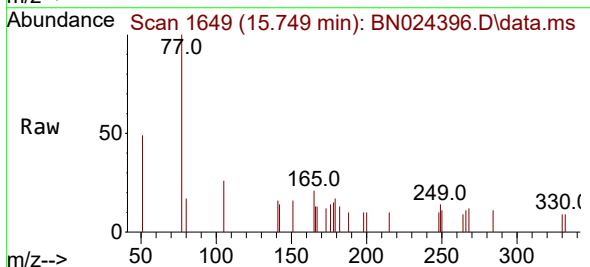
Tgt Ion:198 Resp: 7

Ion Ratio Lower Upper

198 100

51 487.8 68.2 102.2#

105 257.1 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.130 ng

RT: 17.053 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN024396.D

Acq: 19 Mar 2023 01:21

Instrument :

BNA_N

ClientSampleId :

DUP05-20230312

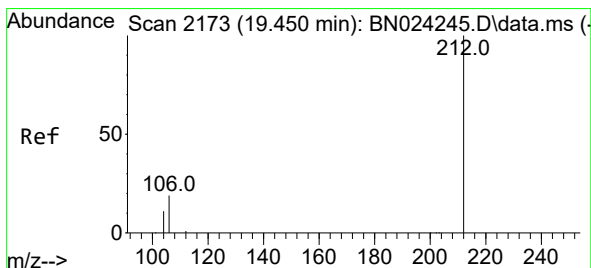
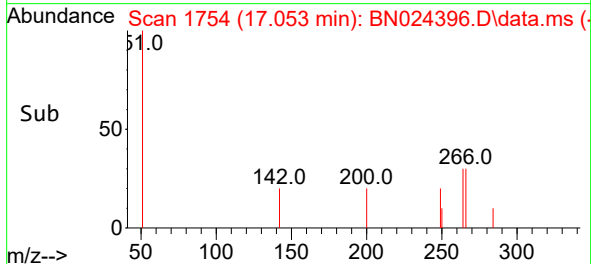
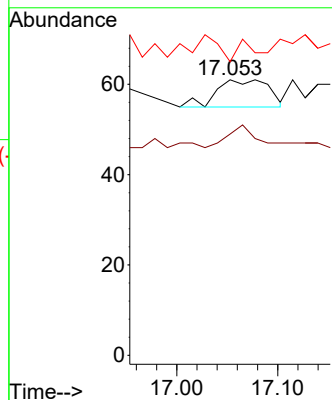
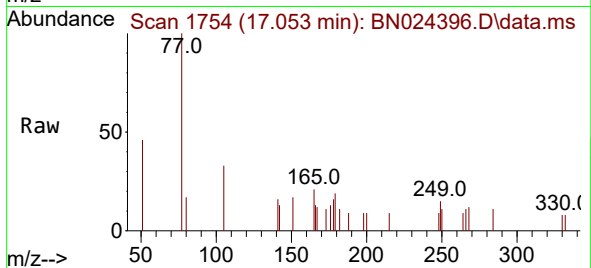
Tgt Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

264 45.5 51.1 76.7#

268 22.7 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.302 ng

RT: 19.442 min Scan# 2171

Delta R.T. 0.000 min

Lab File: BN024396.D

Acq: 19 Mar 2023 01:21

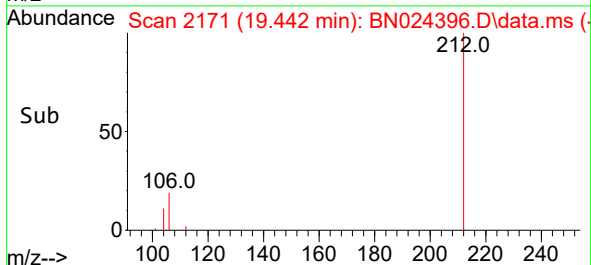
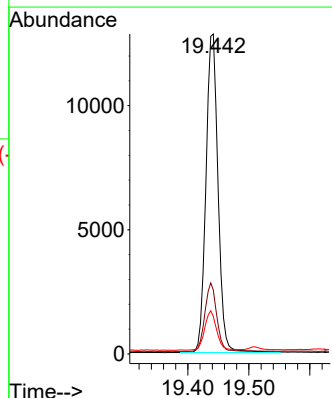
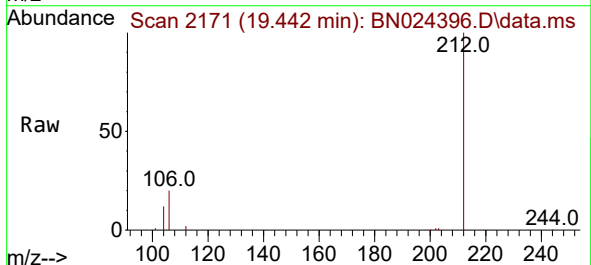
Tgt Ion:212 Resp: 17739

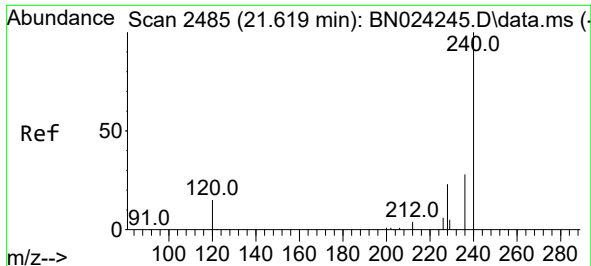
Ion Ratio Lower Upper

212 100

106 21.0 15.4 23.2

104 12.0 8.6 13.0

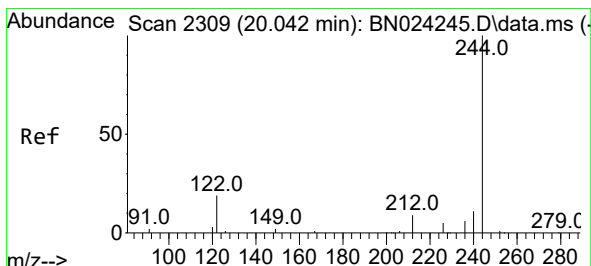
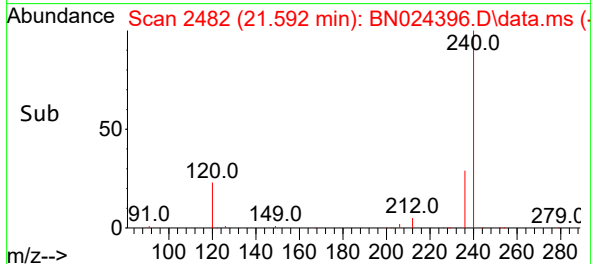
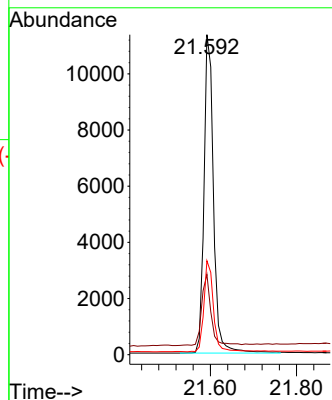
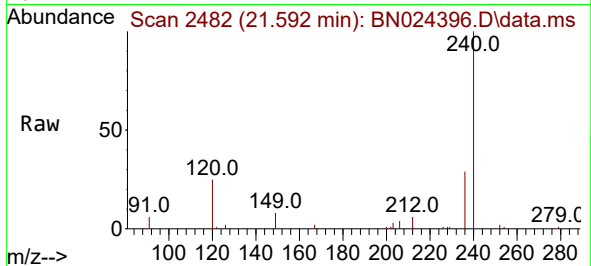




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.592 min Scan# 2482
Delta R.T. -0.009 min
Lab File: BN024396.D
Acq: 19 Mar 2023 01:21

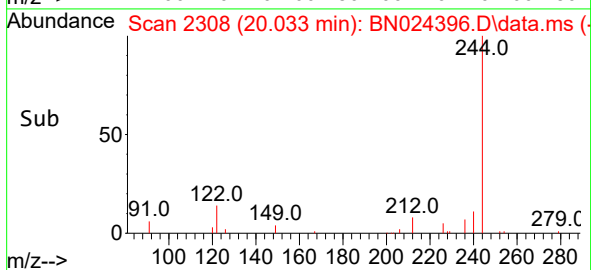
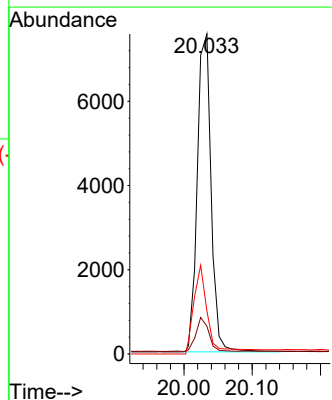
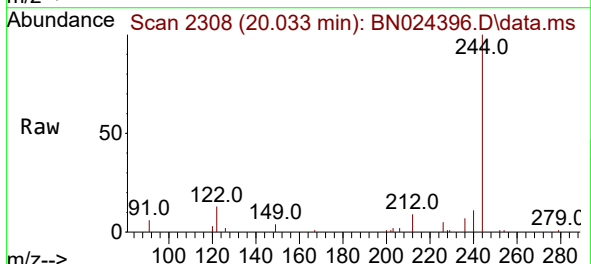
Instrument :
BNA_N
ClientSampleId :
DUP05-20230312

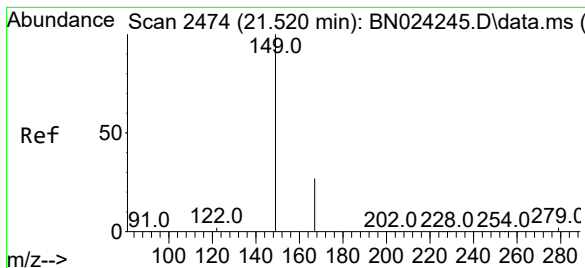
Tgt Ion:240 Resp: 17534
Ion Ratio Lower Upper
240 100
120 25.1 12.8 19.2#
236 29.3 22.5 33.7



#31
Terphenyl-d14
Concen: 0.328 ng
RT: 20.033 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BN024396.D
Acq: 19 Mar 2023 01:21

Tgt Ion:244 Resp: 9697
Ion Ratio Lower Upper
244 100
212 8.6 7.6 11.4
122 13.4 15.1 22.7#

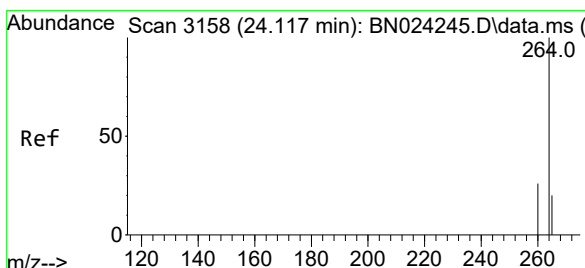
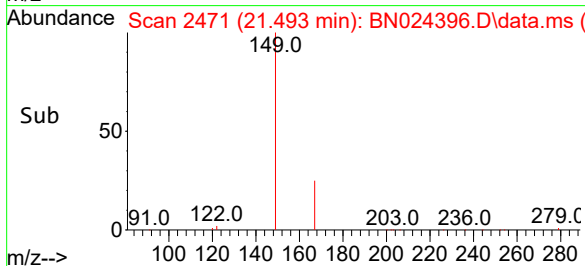
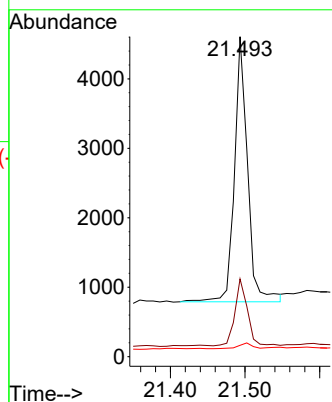
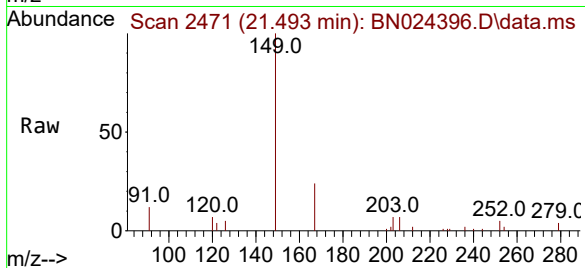




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.169 ng
 RT: 21.493 min Scan# 2471
 Delta R.T. -0.009 min
 Lab File: BN024396.D
 Acq: 19 Mar 2023 01:21

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20230312

Tgt Ion:149 Resp: 4661
 Ion Ratio Lower Upper
 149 100
 167 23.8 21.2 31.8
 279 2.1 1.8 2.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.100 min Scan# 3152
 Delta R.T. 0.003 min
 Lab File: BN024396.D
 Acq: 19 Mar 2023 01:21

Tgt Ion:264 Resp: 12397
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.4 32.2
 265 68.3 35.7 53.5#

