

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
 Data File : BN024968.D
 Acq On : 17 Apr 2023 22:44
 Operator : CG/JU
 Sample : 02354-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230413

Quant Time: Apr 18 05:33:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 05:29:26 2023
 Response via : Initial Calibration

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

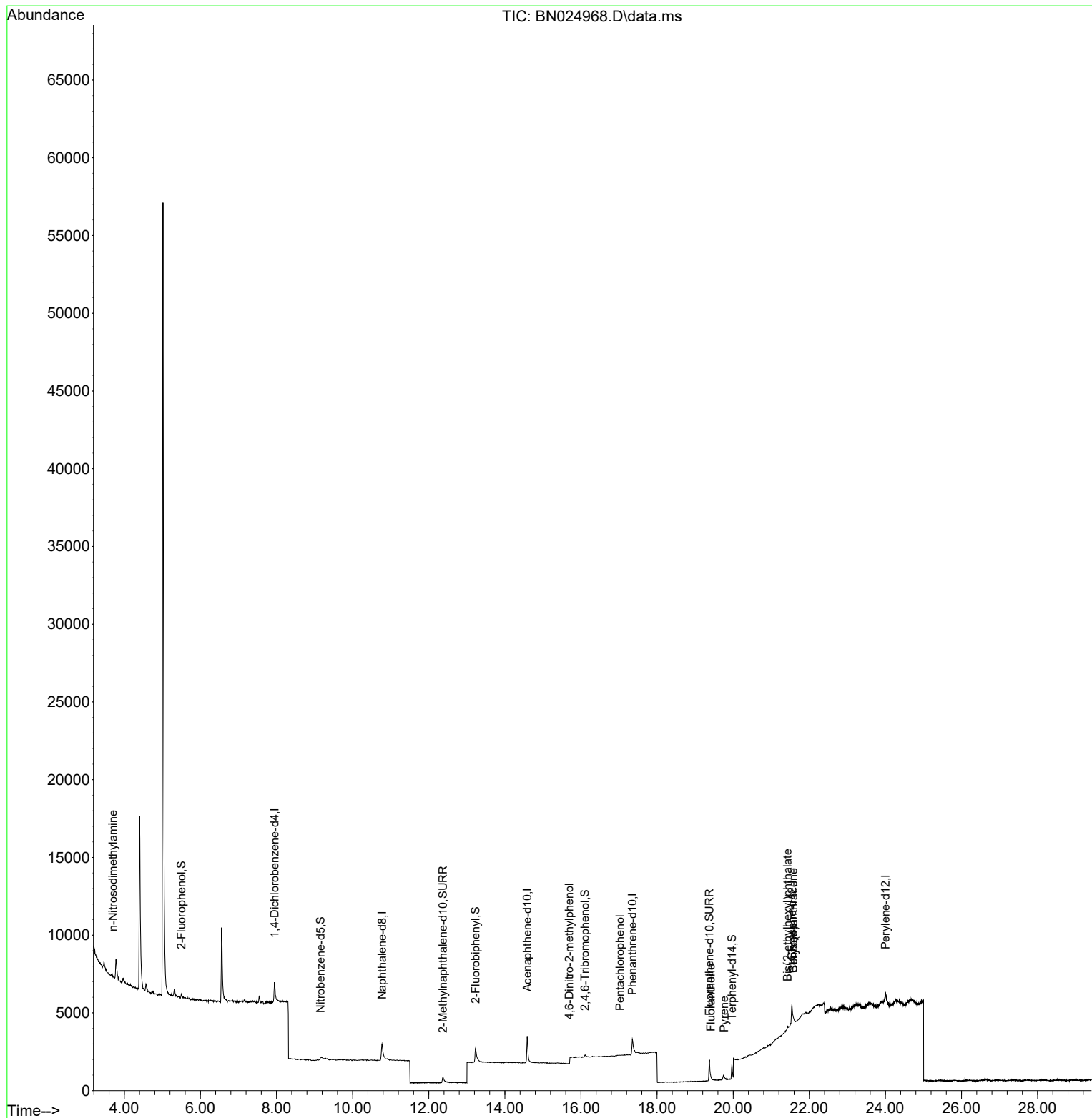
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	1008	0.400	ng	# 0.00
7) Naphthalene-d8	10.771	136	2711	0.400	ng	# 0.02
13) Acenaphthene-d10	14.587	164	1395	0.400	ng	0.01
19) Phenanthrene-d10	17.348	188	2612	0.400	ng	# 0.02
29) Chrysene-d12	21.545	240	2101	0.400	ng	# 0.02
35) Perylene-d12	24.001	264	1243	0.400	ng	# 0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.499	112	276	0.119	ng	0.00
5) Phenol-d6	7.088	99	3	0.001	ng	-0.01
8) Nitrobenzene-d5	9.159	82	523	0.239	ng	0.05
11) 2-Methylnaphthalene-d10	12.374	152	1170	0.326	ng	0.04
14) 2,4,6-Tribromophenol	16.107	330	124	0.198	ng	0.04
15) 2-Fluorobiphenyl	13.229	172	1510	0.283	ng	0.02
27) Fluoranthene-d10	19.376	212	2276	0.384	ng	0.02
31) Terphenyl-d14	19.966	244	2064	0.433	ng	0.01
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.701	42	97	0.052	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.688	198	2	0.179	ng	# 1
24) Pentachlorophenol	17.025	266	27	0.254	ng	# 37
28) Fluoranthene	19.410	202	178	0.021	ng	# 85
30) Pyrene	19.764	202	175	0.023	ng	# 84
32) Benzo(a)anthracene	21.580	228	386	0.054	ng	# 31
33) Chrysene	21.580	228	231	0.031	ng	# 36
34) Bis(2-ethylhexyl)phtha...	21.428	149	568	0.149	ng	# 80

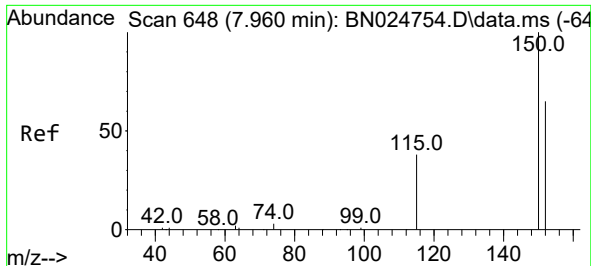
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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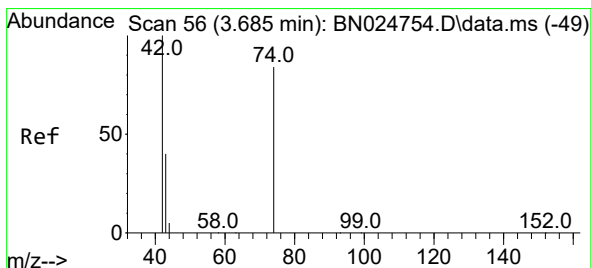
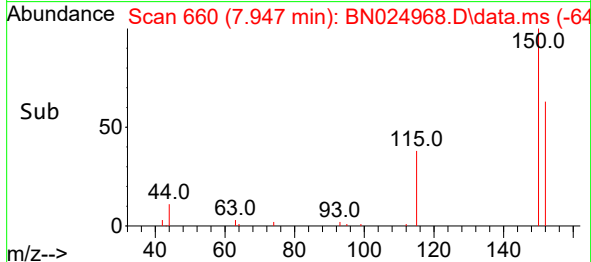
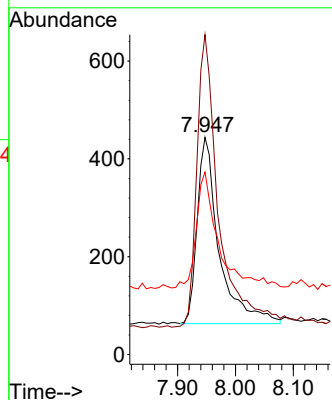
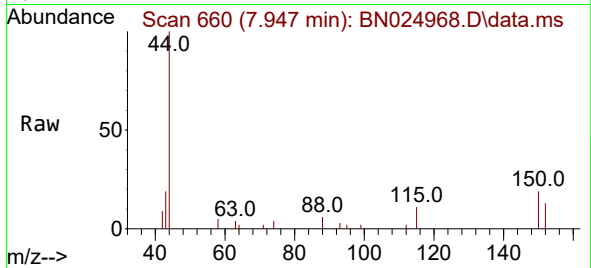




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.947 min Scan# 60
Delta R.T. 0.007 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

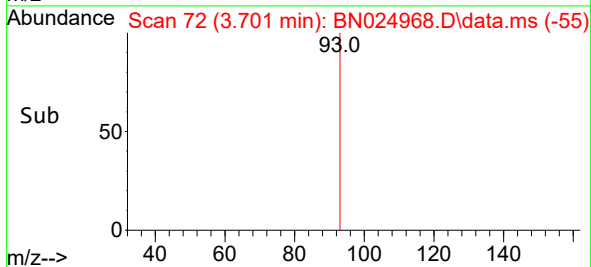
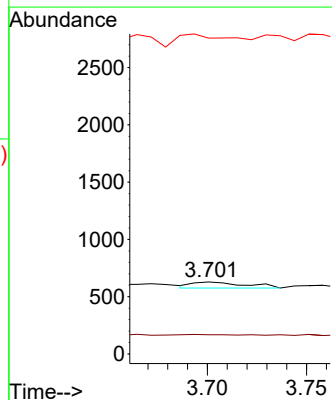
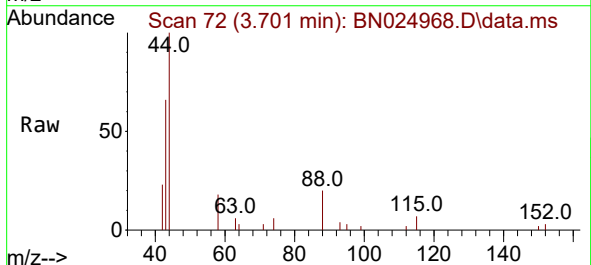
Instrument :
BNA_N
ClientSampleId :
SP-303-20230413

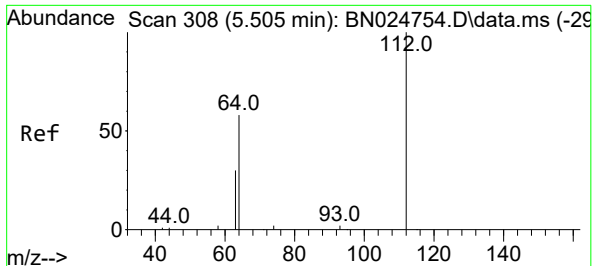
Tgt Ion:152 Resp: 1008
Ion Ratio Lower Upper
152 100
150 147.3 121.8 182.8
115 84.0 48.3 72.5#



#3
n-Nitrosodimethylamine
Concen: 0.052 ng
RT: 3.701 min Scan# 72
Delta R.T. 0.022 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

Tgt Ion: 42 Resp: 97
Ion Ratio Lower Upper
42 100
74 12.4 74.8 112.2#
44 167.0 7.4 11.0#

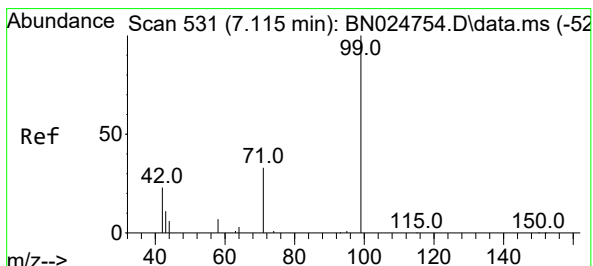
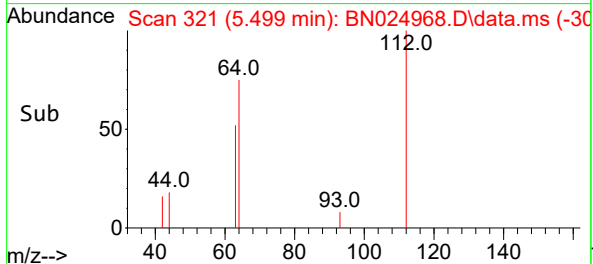
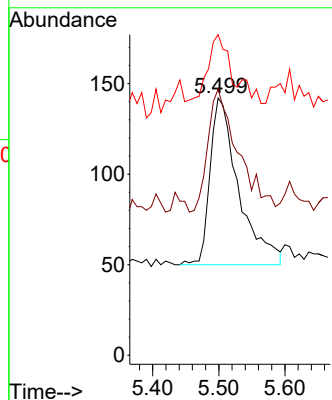
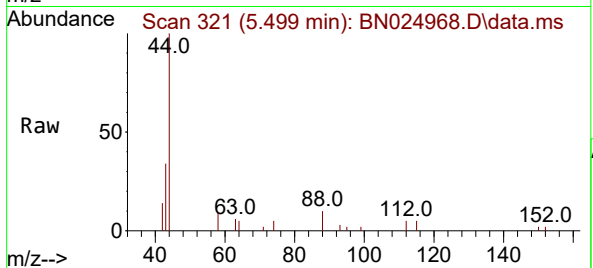




#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.499 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

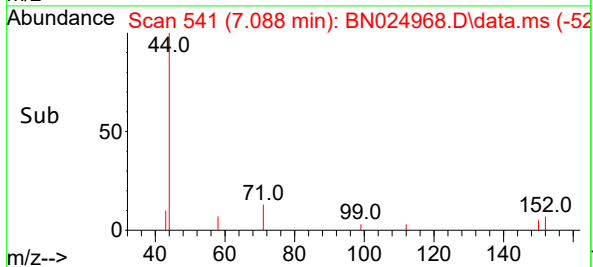
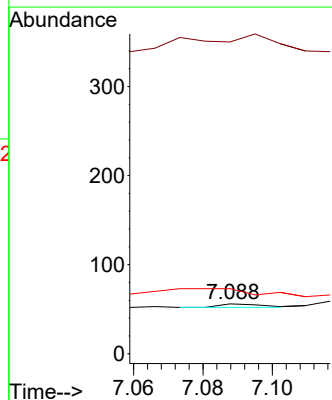
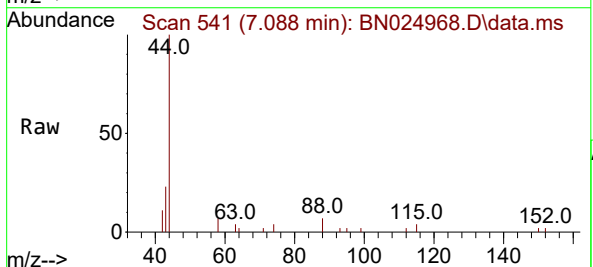
Instrument :
BNA_N
ClientSampleId :
SP-303-20230413

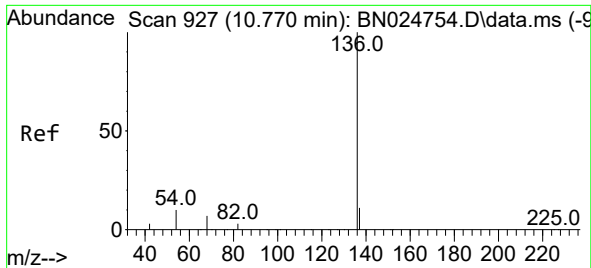
Tgt Ion:112 Resp: 276
Ion Ratio Lower Upper
112 100
64 78.3 52.5 78.7
63 28.3 27.9 41.9



#5
Phenol-d6
Concen: 0.001 ng
RT: 7.088 min Scan# 541
Delta R.T. -0.014 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

Tgt Ion: 99 Resp: 3
Ion Ratio Lower Upper
99 100
42 2500.0 22.8 34.2#
71 0.0 28.2 42.2#

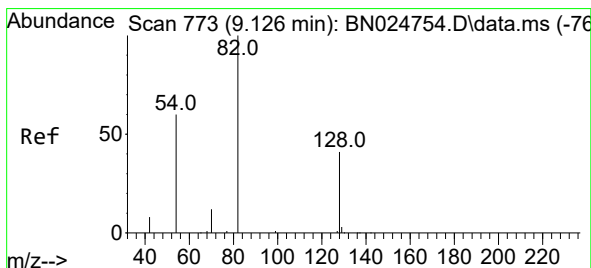
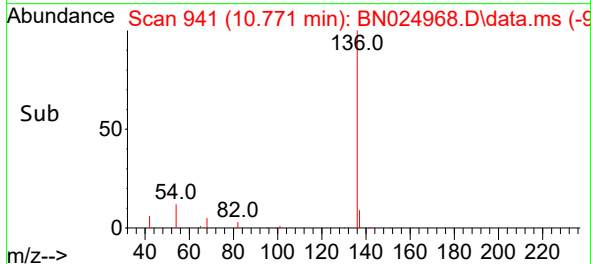
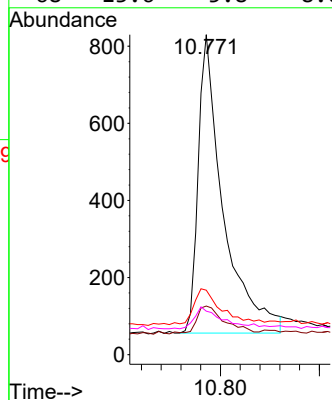
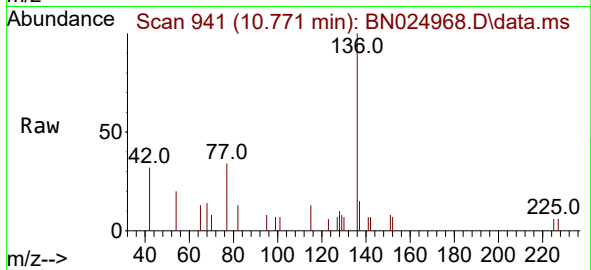




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.771 min Scan# 941
Delta R.T. 0.021 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

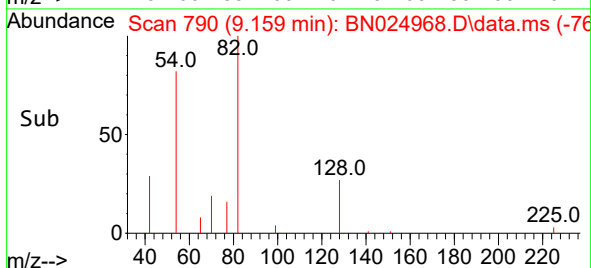
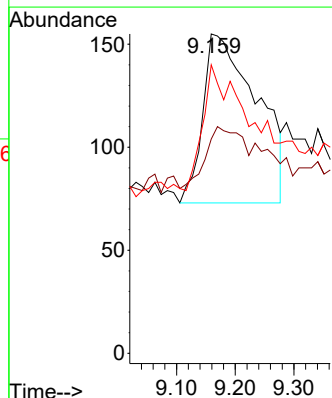
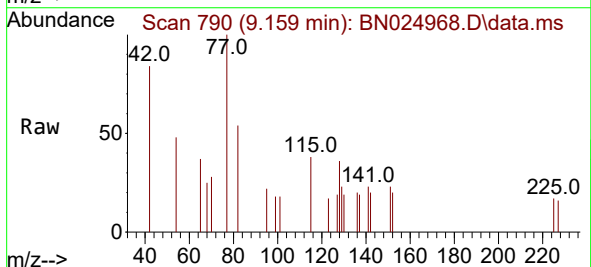
Instrument :
BNA_N
ClientSampleId :
SP-303-20230413

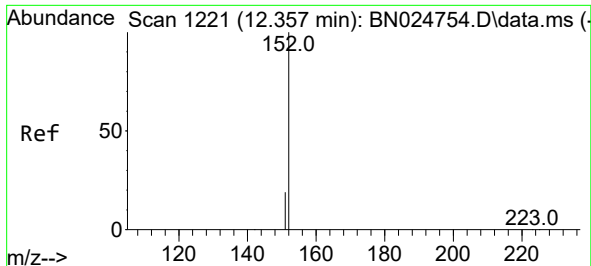
Tgt Ion:	136	Resp:	2711
Ion	Ratio	Lower	Upper
136	100		
137	15.2	8.9	13.3#
54	20.1	8.2	12.4#
68	13.6	5.8	8.6#



#8
Nitrobenzene-d5
Concen: 0.239 ng
RT: 9.159 min Scan# 790
Delta R.T. 0.053 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

Tgt Ion:	82	Resp:	523
Ion	Ratio	Lower	Upper
82	100		
128	67.1	33.8	50.6#
54	90.3	49.4	74.0#

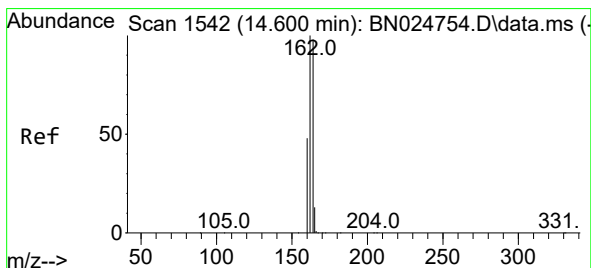
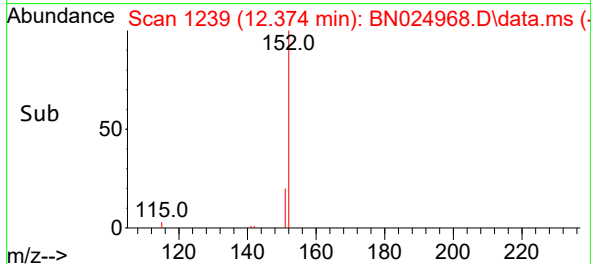
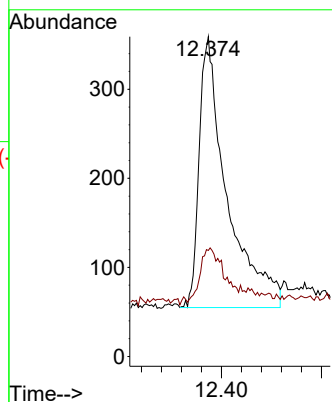
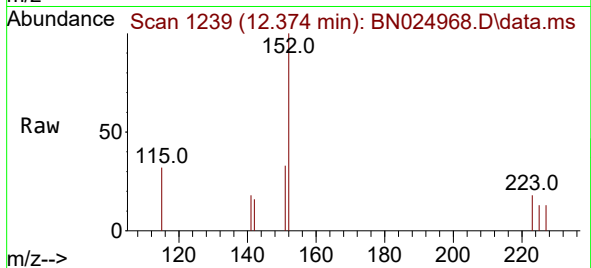




#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 12.374 min Scan# 1170
Delta R.T. 0.038 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

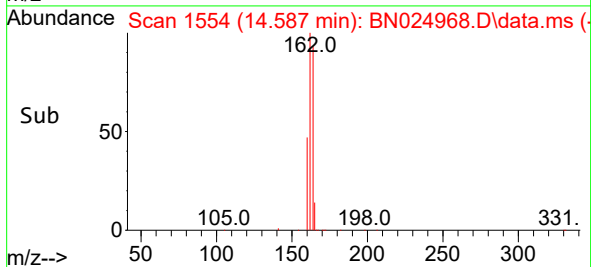
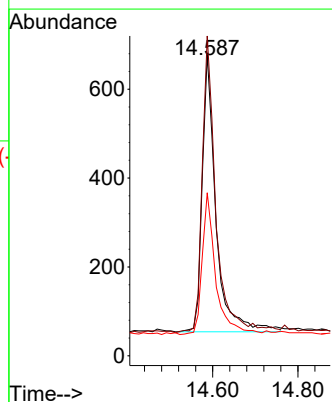
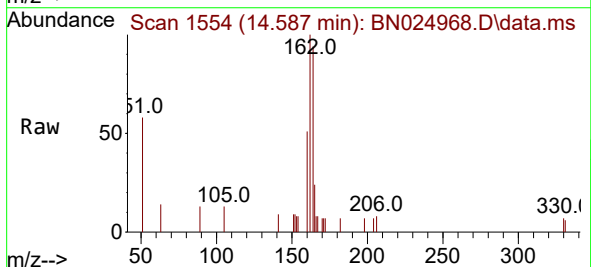
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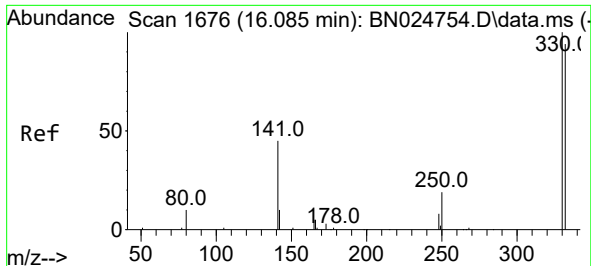
Tgt Ion:152 Resp: 1170
Ion Ratio Lower Upper
152 100
151 16.8 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.587 min Scan# 1554
Delta R.T. 0.011 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

Tgt Ion:164 Resp: 1395
Ion Ratio Lower Upper
164 100
162 106.2 81.9 122.9
160 54.1 39.2 58.8

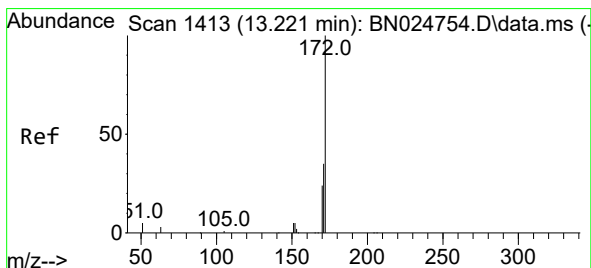
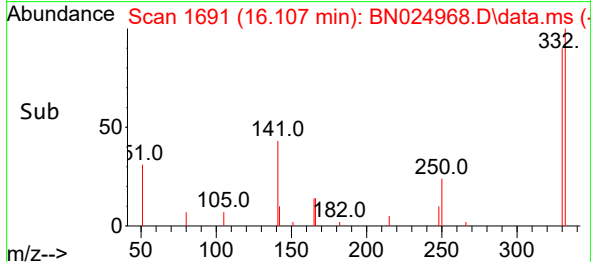
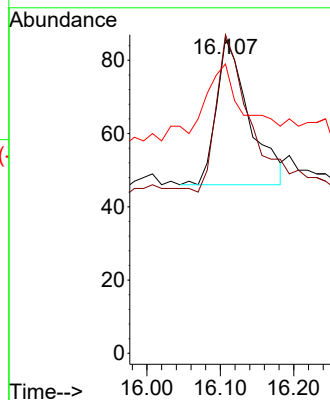
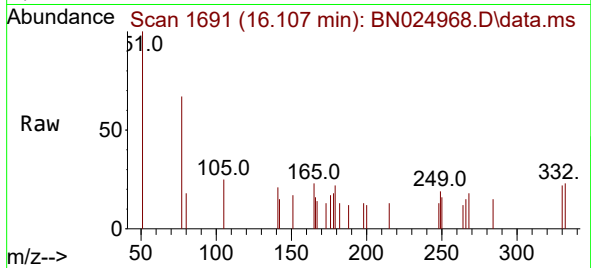




#14
2,4,6-Tribromophenol
Concen: 0.198 ng
RT: 16.107 min Scan# 1
Delta R.T. 0.037 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

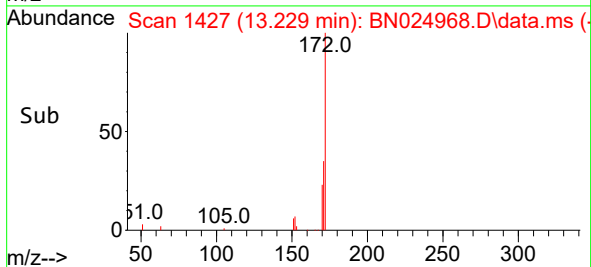
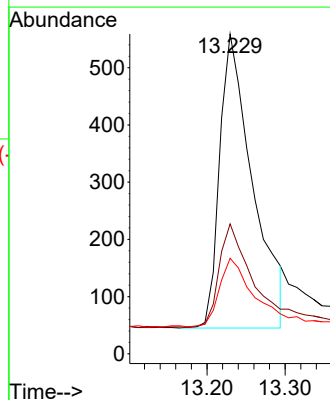
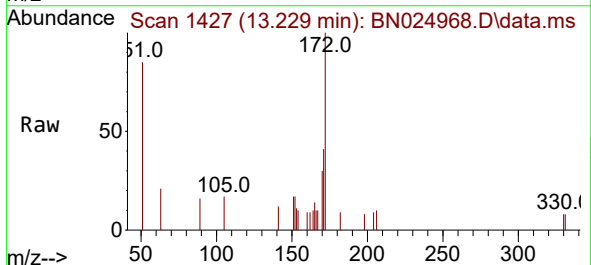
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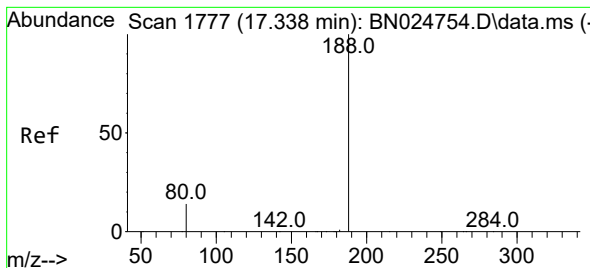
Tgt Ion:330 Resp: 124
Ion Ratio Lower Upper
330 100
332 96.8 77.9 116.9
141 66.1 31.0 46.6#



#15
2-Fluorobiphenyl
Concen: 0.283 ng
RT: 13.229 min Scan# 1427
Delta R.T. 0.021 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

Tgt Ion:172 Resp: 1510
Ion Ratio Lower Upper
172 100
171 40.6 28.2 42.2
170 29.9 19.2 28.8#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.348 min Scan# 1

Delta R.T. 0.025 min

Lab File: BN024968.D

Acq: 17 Apr 2023 22:44

Instrument :

BNA_N

ClientSampleId :

SP-303-20230413

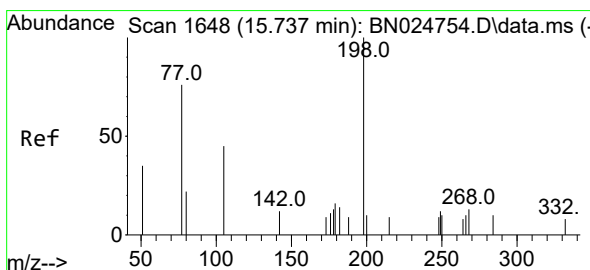
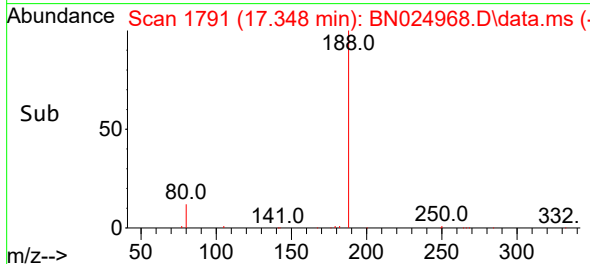
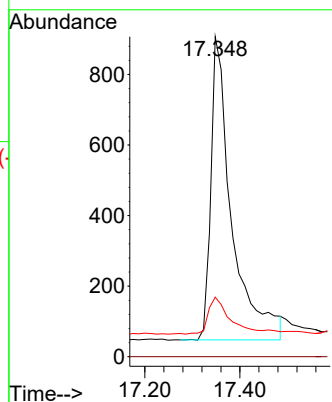
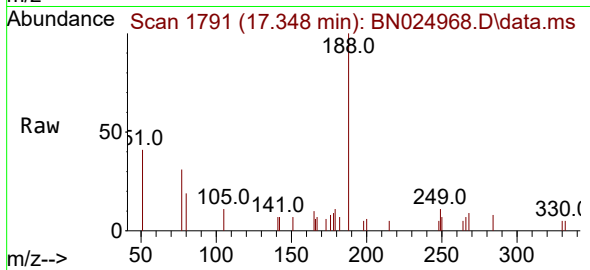
Tgt Ion:188 Resp: 2612

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 18.6 11.3 16.9#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.179 ng

RT: 15.688 min Scan# 1657

Delta R.T. -0.021 min

Lab File: BN024968.D

Acq: 17 Apr 2023 22:44

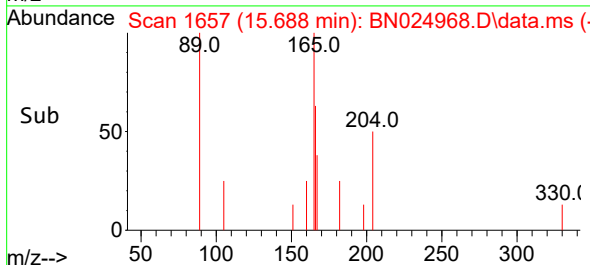
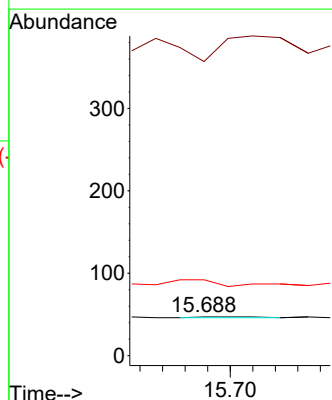
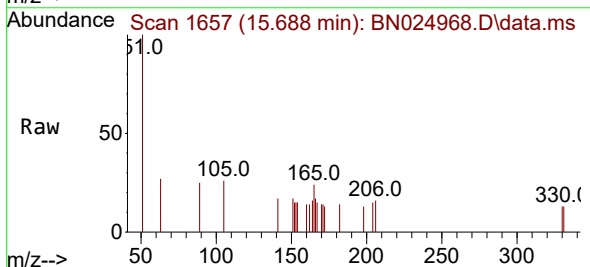
Tgt Ion:198 Resp: 2

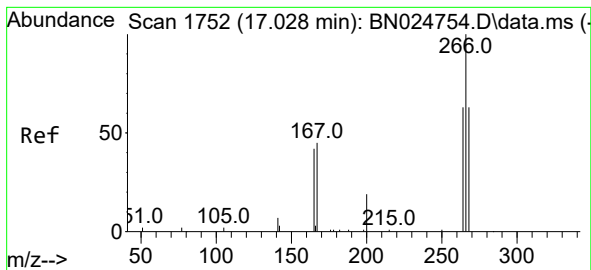
Ion Ratio Lower Upper

198 100

51 759.6 99.8 149.8#

105 195.7 49.4 74.0#





#24

Pentachlorophenol

Concen: 0.254 ng

RT: 17.025 min Scan# 11

Delta R.T. 0.050 min

Lab File: BN024968.D

Acq: 17 Apr 2023 22:44

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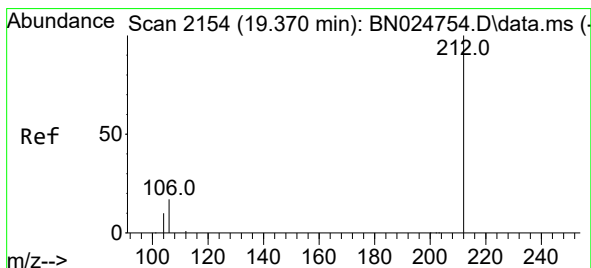
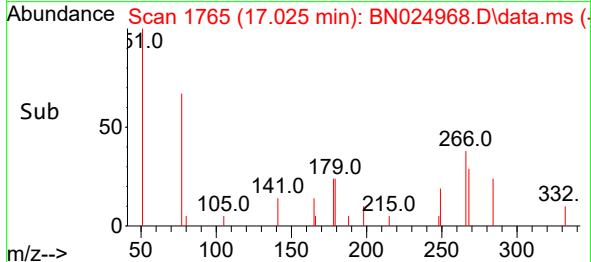
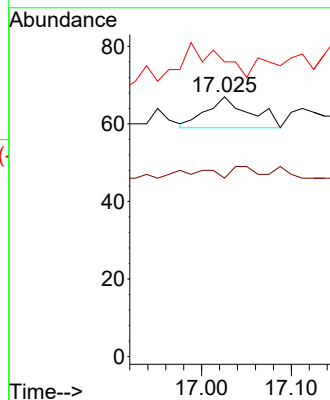
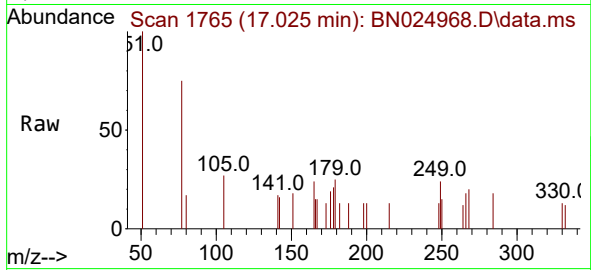
Tgt Ion:266 Resp: 27

Ion Ratio Lower Upper

266 100

264 22.2 46.1 69.1#

268 0.0 46.7 70.1#



#27

Fluoranthene-d10

Concen: 0.384 ng

RT: 19.376 min Scan# 2169

Delta R.T. 0.017 min

Lab File: BN024968.D

Acq: 17 Apr 2023 22:44

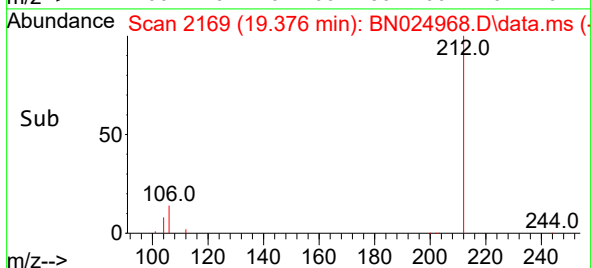
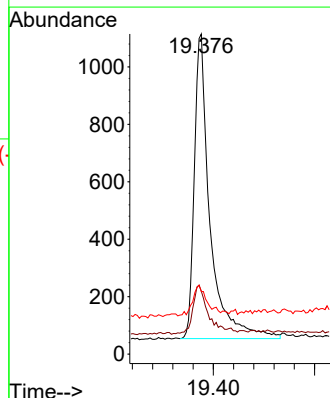
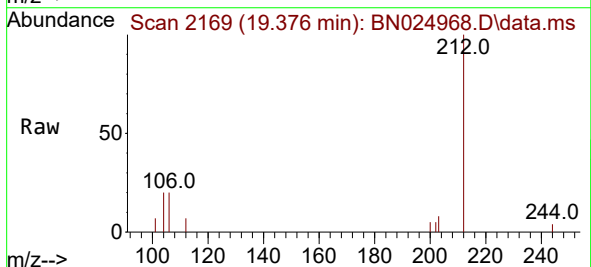
Tgt Ion:212 Resp: 2276

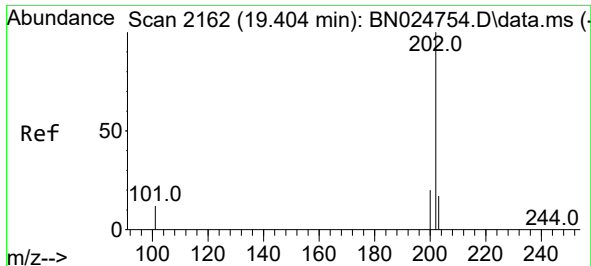
Ion Ratio Lower Upper

212 100

106 15.6 13.2 19.8

104 9.3 7.6 11.4

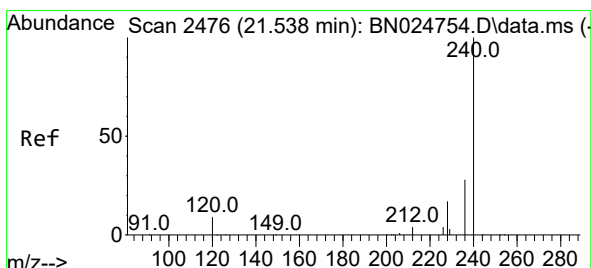
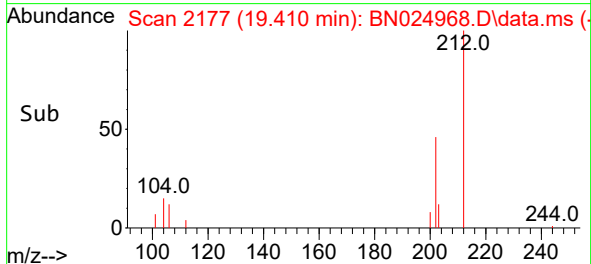
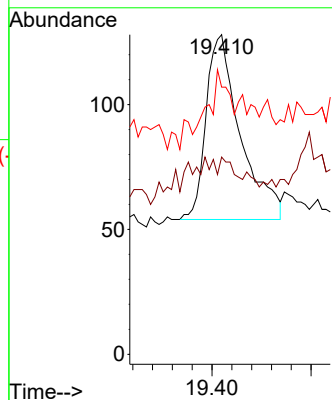
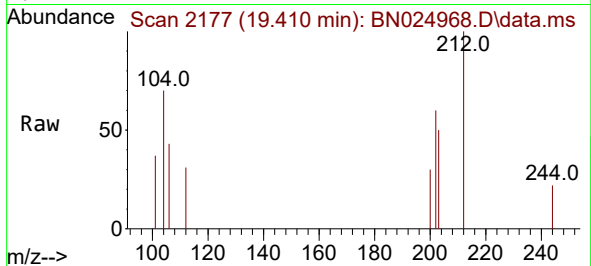




#28
Fluoranthene
Concen: 0.021 ng
RT: 19.410 min Scan# 2177
Delta R.T. 0.021 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

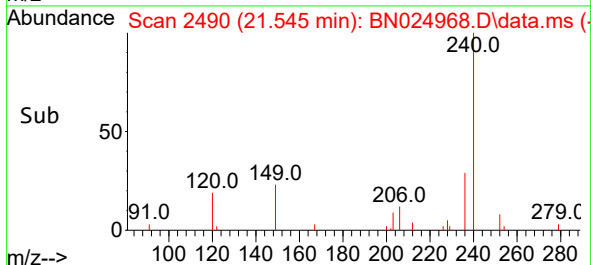
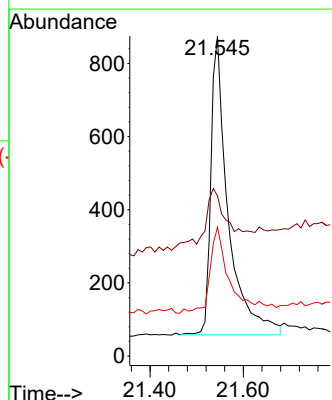
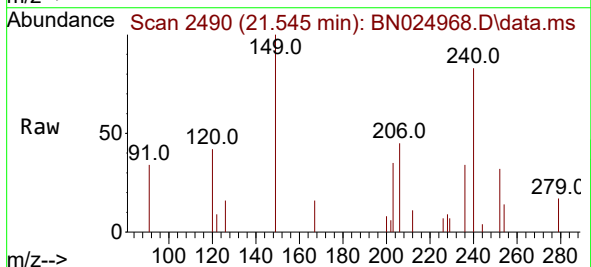
Instrument :
BNA_N
ClientSampleId :
SP-303-20230413

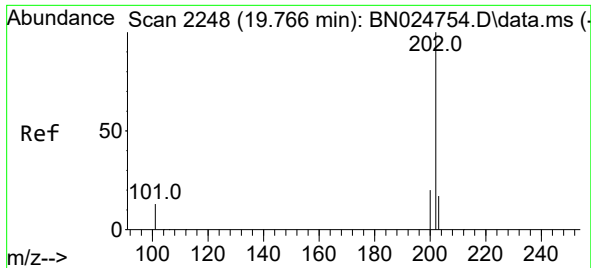
Tgt Ion:202 Resp: 178
Ion Ratio Lower Upper
202 100
101 2.2 10.2 15.4#
203 19.1 13.4 20.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.545 min Scan# 2490
Delta R.T. 0.023 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

Tgt Ion:240 Resp: 2101
Ion Ratio Lower Upper
240 100
120 50.1 8.8 13.2#
236 40.2 22.6 34.0#

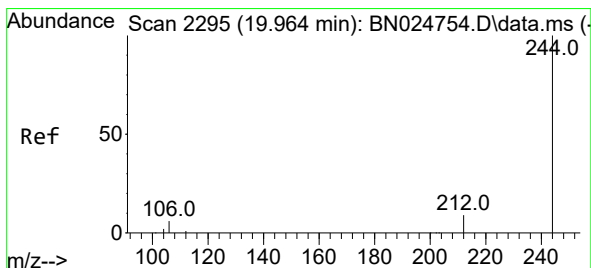
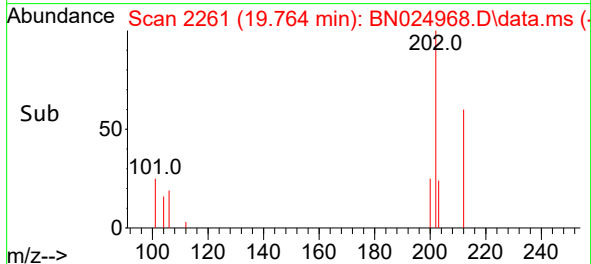
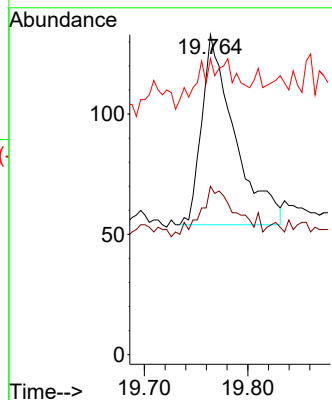
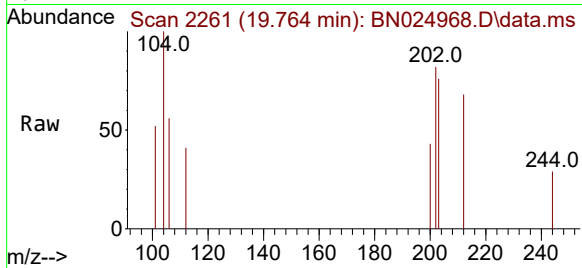




#30
Pyrene
Concen: 0.023 ng
RT: 19.764 min Scan# 21
Delta R.T. 0.013 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

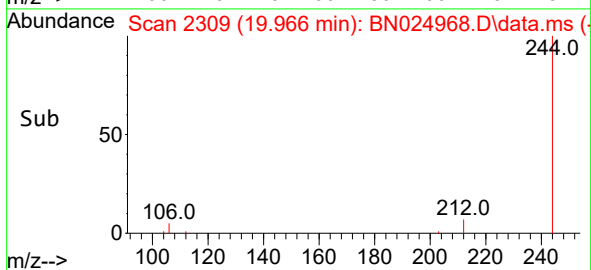
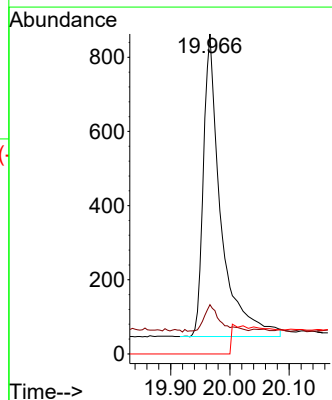
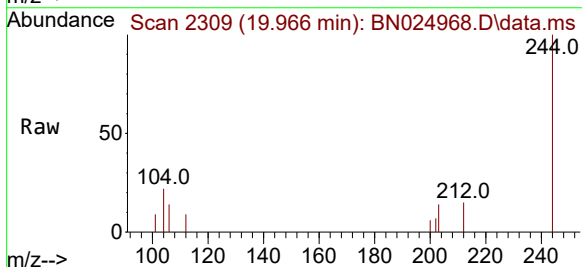
Instrument :
BNA_N
ClientSampleId :
SP-303-20230413

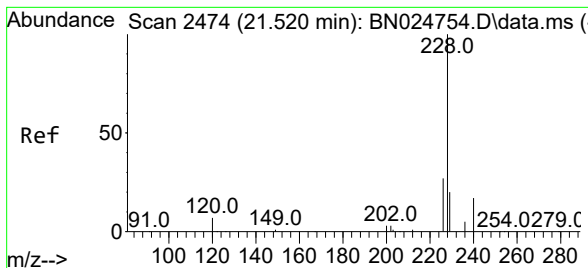
Tgt Ion:202 Resp: 175
Ion Ratio Lower Upper
202 100
200 27.4 16.7 25.1#
203 9.7 14.2 21.4#



#31
Terphenyl-d14
Concen: 0.433 ng
RT: 19.966 min Scan# 2309
Delta R.T. 0.013 min
Lab File: BN024968.D
Acq: 17 Apr 2023 22:44

Tgt Ion:244 Resp: 2064
Ion Ratio Lower Upper
244 100
212 15.4 7.4 11.0#
122 0.0 0.0 0.0





#32

Benzo(a)anthracene

Concen: 0.054 ng

RT: 21.580 min Scan# 2494

Delta R.T. 0.076 min

Lab File: BN024968.D

Acq: 17 Apr 2023 22:44

Instrument :

BNA_N

ClientSampleId :

SP-303-20230413

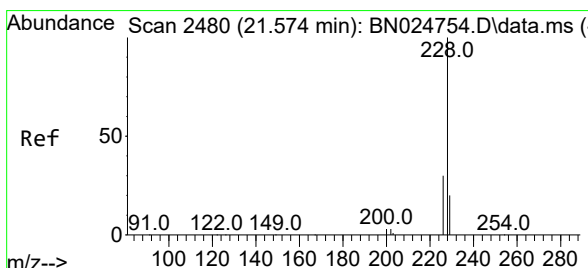
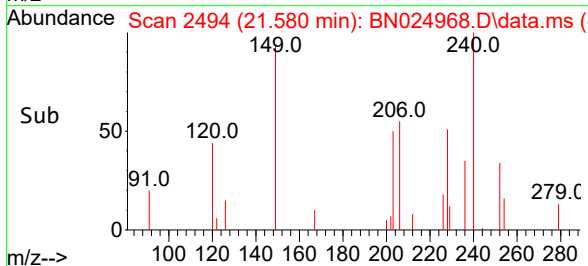
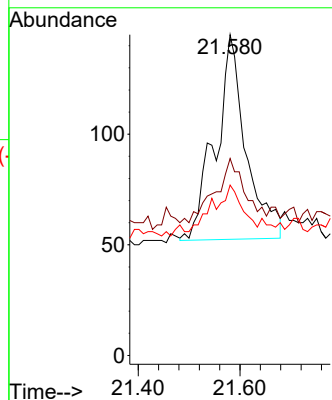
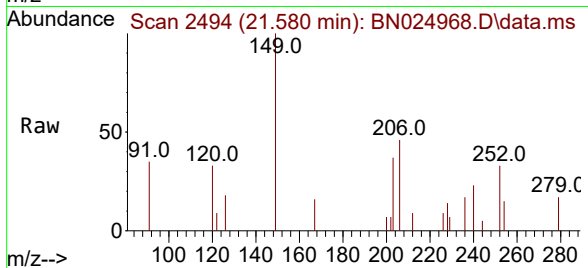
Tgt Ion:228 Resp: 386

Ion Ratio Lower Upper

228 100

226 61.4 21.5 32.3#

229 53.1 16.0 24.0#



#33

Chrysene

Concen: 0.031 ng

RT: 21.580 min Scan# 2494

Delta R.T. 0.023 min

Lab File: BN024968.D

Acq: 17 Apr 2023 22:44

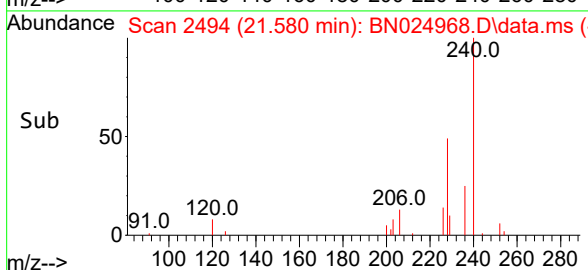
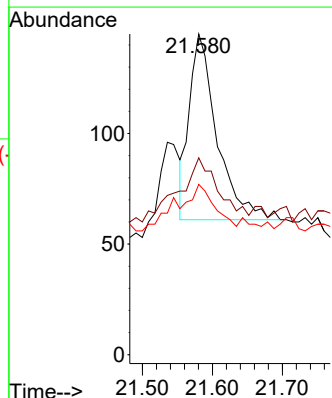
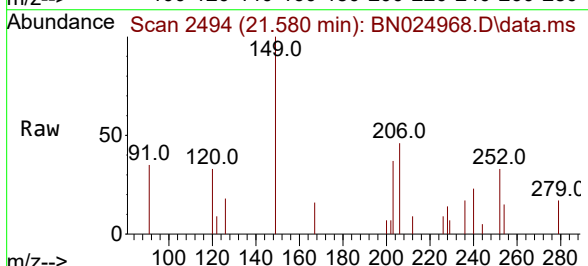
Tgt Ion:228 Resp: 231

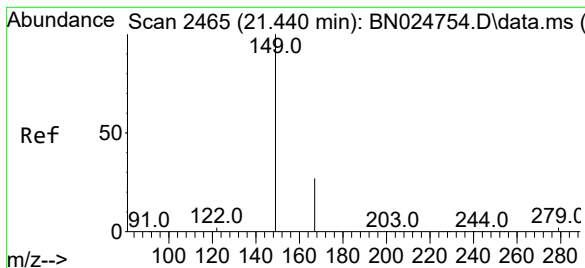
Ion Ratio Lower Upper

228 100

226 61.4 23.9 35.9#

229 53.1 16.0 24.0#

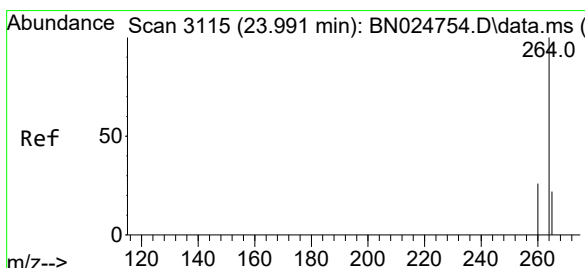
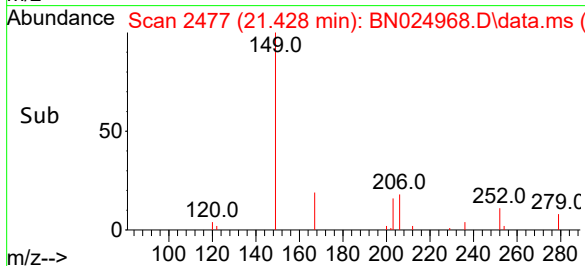
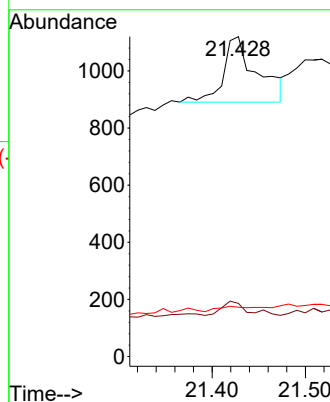
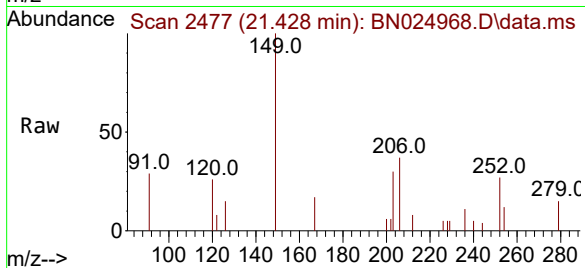




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.149 ng
 RT: 21.428 min Scan# 2465
 Delta R.T. 0.005 min
 Lab File: BN024968.D
 Acq: 17 Apr 2023 22:44

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230413

Tgt Ion:149 Resp: 568
 Ion Ratio Lower Upper
 149 100
 167 16.0 21.4 32.2#
 279 8.3 2.6 4.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.001 min Scan# 3132
 Delta R.T. 0.028 min
 Lab File: BN024968.D
 Acq: 17 Apr 2023 22:44

Tgt Ion:264 Resp: 1243
 Ion Ratio Lower Upper
 264 100
 260 30.9 20.8 31.2
 265 709.1 46.5 69.7#

