

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025652.D
 Acq On : 27 May 2023 19:24
 Operator : CG/JU
 Sample : 02880-18
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT163S1-20230519

Quant Time: May 29 00:54:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

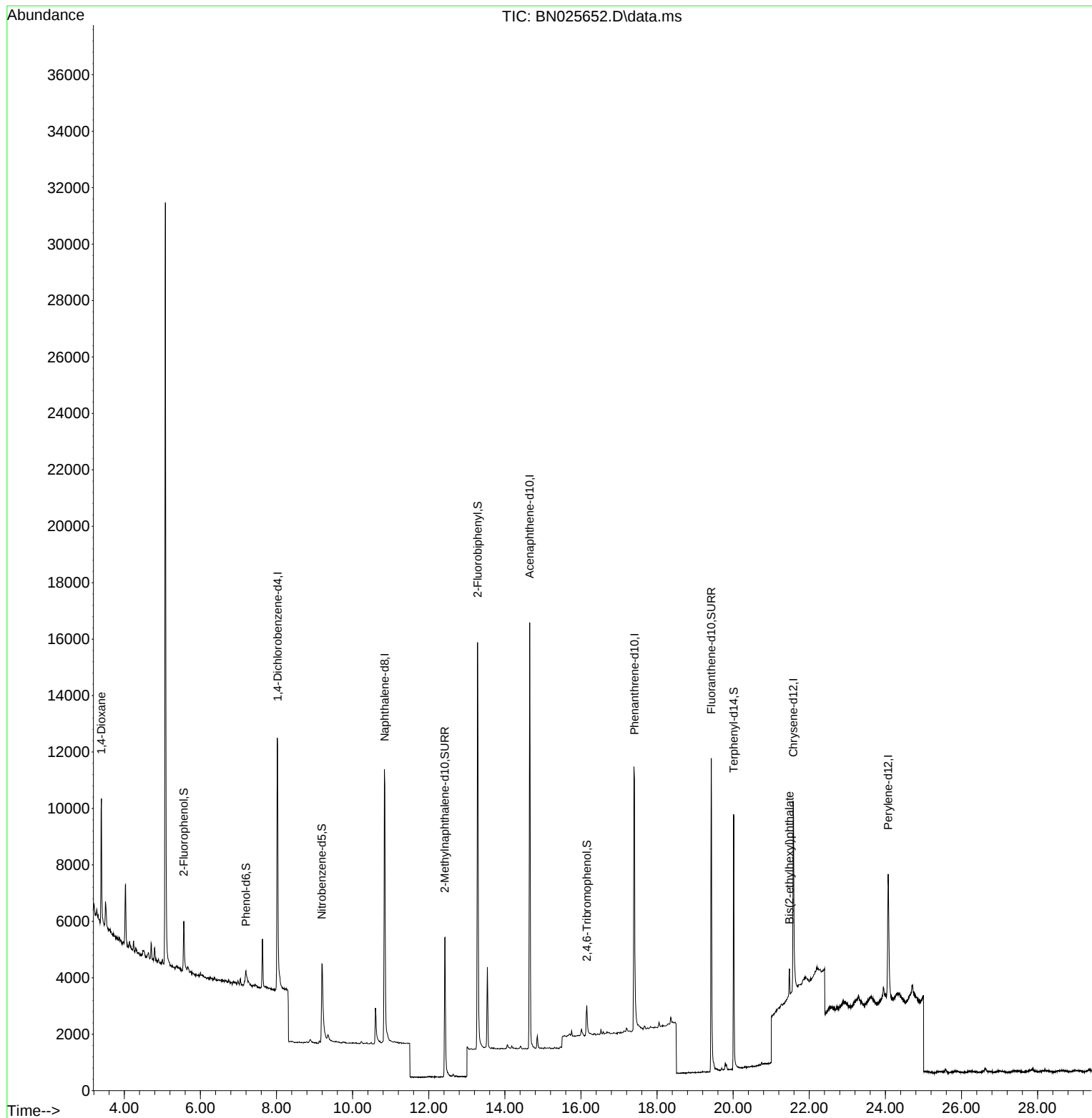
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.027	152	5661	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	15721	0.400	ng	0.01
13) Acenaphthene-d10	14.651	164	8827	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	17243	0.400	ng	# 0.01
29) Chrysene-d12	21.578	240	8712	0.400	ng	0.00
35) Perylene-d12	24.075	264	8038	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1839	0.127	ng	0.00
5) Phenol-d6	7.196	99	1012	0.058	ng	0.02
8) Nitrobenzene-d5	9.191	82	4217	0.320	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	8349	0.372	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	777	0.435	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	14000	0.384	ng	0.00
27) Fluoranthene-d10	19.425	212	14012	0.359	ng	0.00
31) Terphenyl-d14	20.015	244	9505	0.498	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.397	88	2788	0.425	ng	Qvalue 96
34) Bis(2-ethylhexyl)phtha...	21.480	149	1356	0.069	ng	# 86

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

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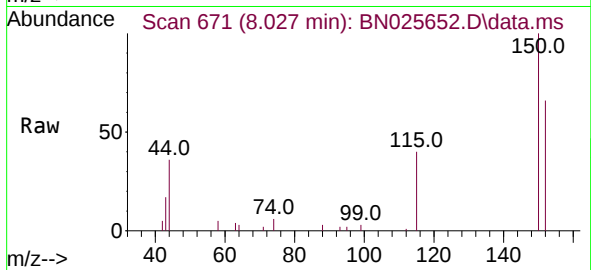
Quant Time: May 29 00:54:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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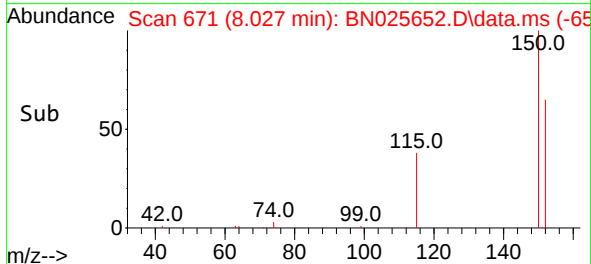
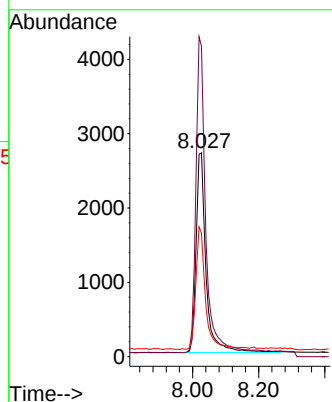


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.027 min Scan# 61
 Delta R.T. 0.008 min
 Lab File: BN025652.D
 Acq: 27 May 2023 19:24

Instrument :
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 TT163S1-20230519

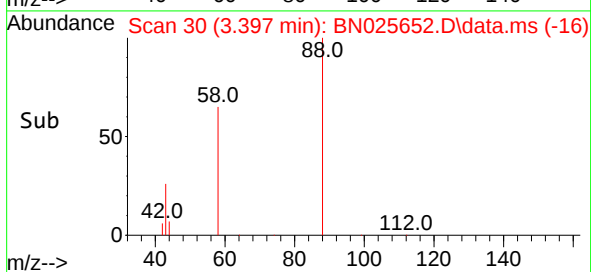
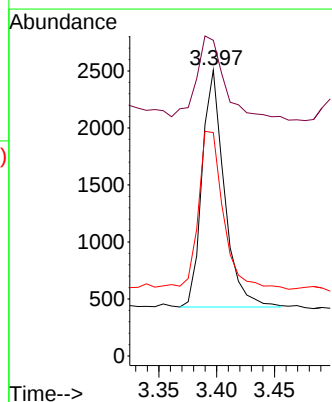
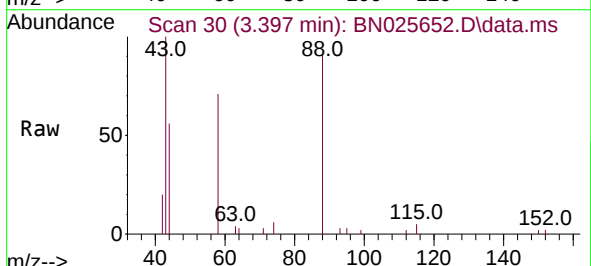


Tgt Ion:152 Resp: 5661
 Ion Ratio Lower Upper
 152 100
 150 152.2 121.0 181.6
 115 60.6 48.5 72.7



#2
 1,4-Dioxane
 Concen: 0.425 ng
 RT: 3.397 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN025652.D
 Acq: 27 May 2023 19:24

Tgt Ion: 88 Resp: 2788
 Ion Ratio Lower Upper
 88 100
 43 39.7 26.5 39.7
 58 70.4 56.8 85.2

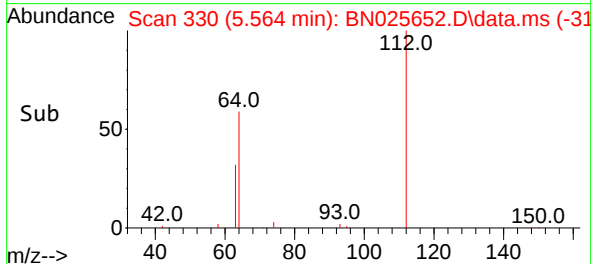
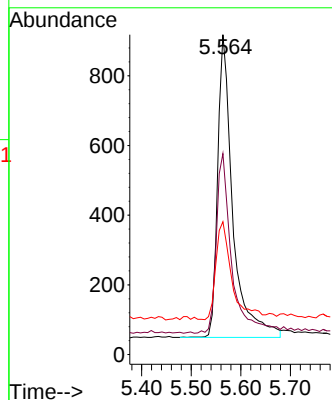
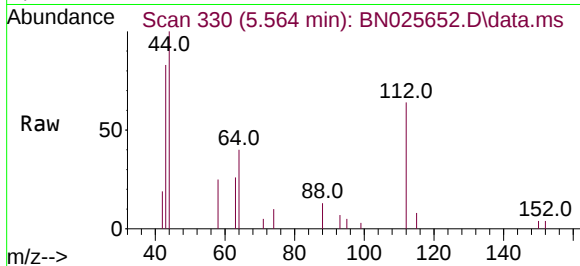




#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.564 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

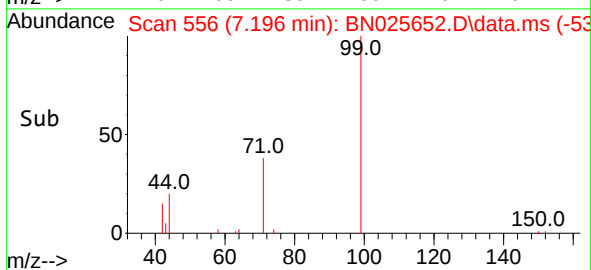
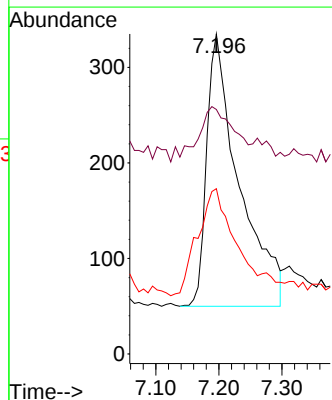
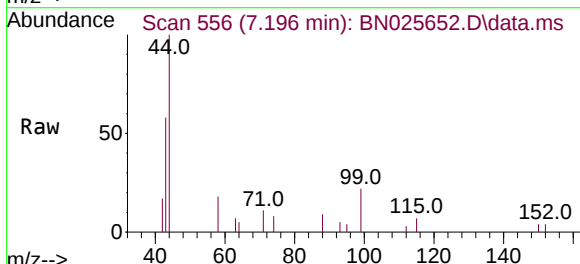
Instrument :
BNA_N
ClientSampleId :
TT163S1-20230519

Tgt Ion: 112 Resp: 1839
Ion Ratio Lower Upper
112 100
64 60.1 45.7 68.5
63 34.4 26.2 39.2



#5
Phenol-d6
Concen: 0.058 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.021 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

Tgt Ion: 99 Resp: 1012
Ion Ratio Lower Upper
99 100
42 22.6 17.1 25.7
71 49.2 29.3 43.9

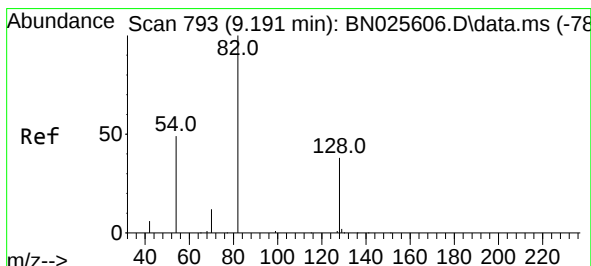
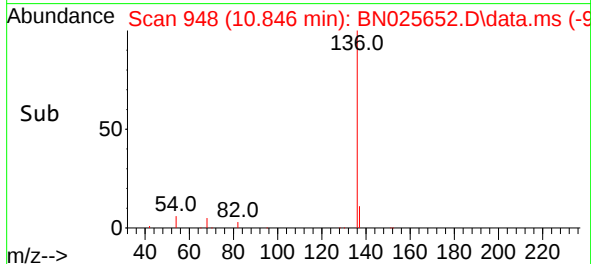
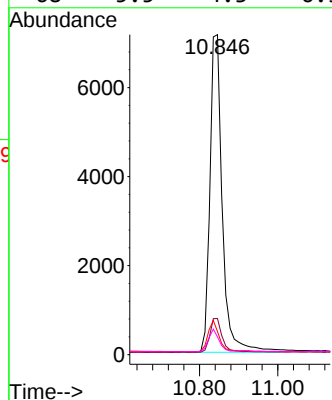
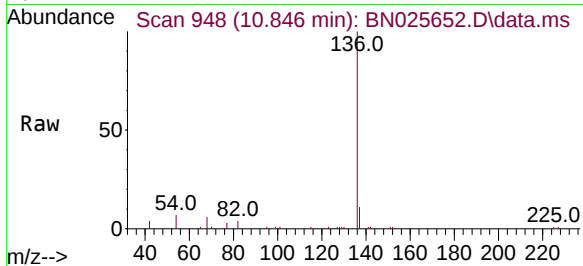




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 948
Delta R.T. 0.011 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

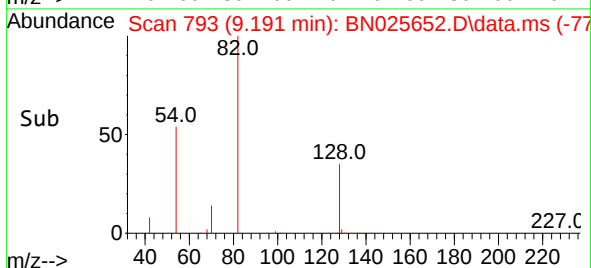
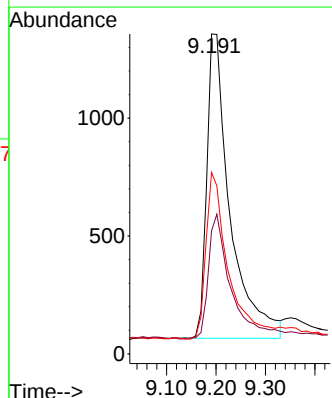
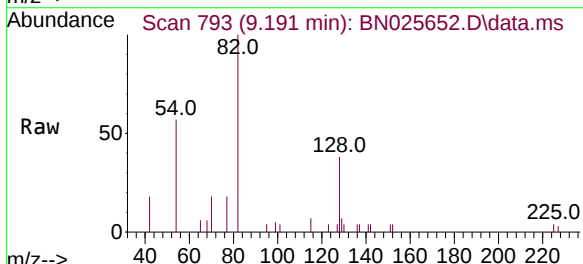
Instrument :
BNA_N
ClientSampleId :
TT163S1-20230519

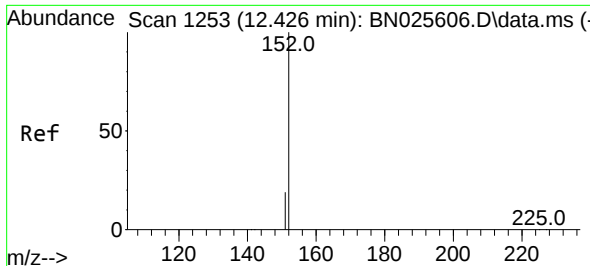
Tgt Ion:	136	Resp:	15721
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	7.2	5.4	8.0
68	5.5	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.320 ng
RT: 9.191 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

Tgt Ion:	82	Resp:	4217
Ion Ratio	Lower	Upper	
82	100		
128	38.5	32.5	48.7
54	56.7	40.6	60.8

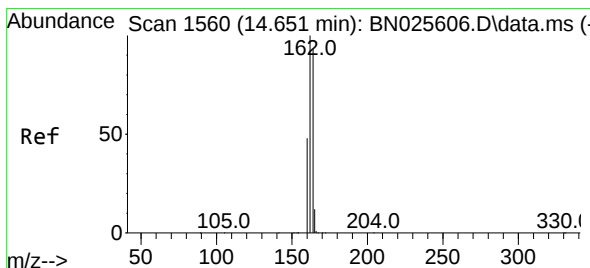
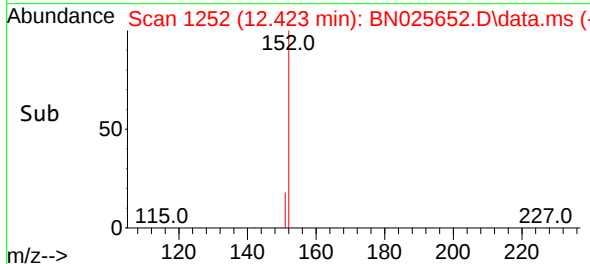
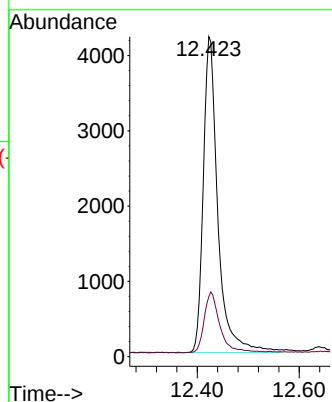
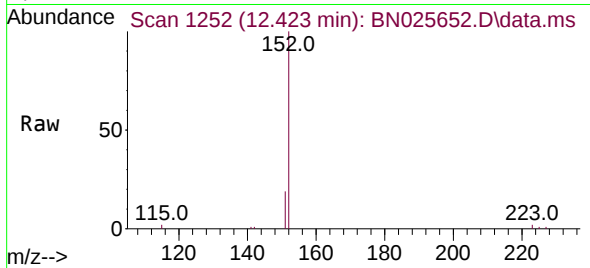




#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 12.423 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

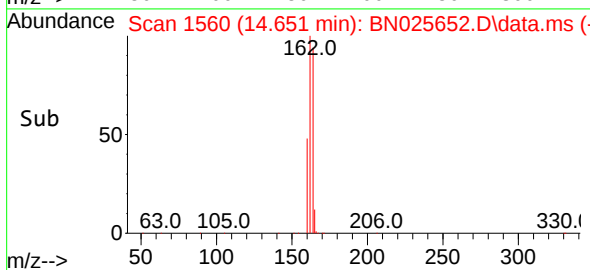
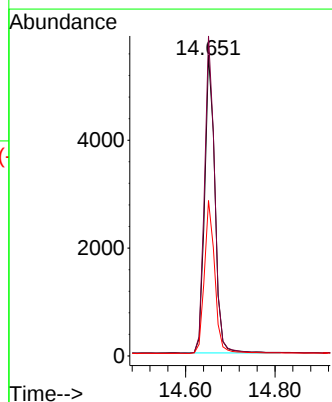
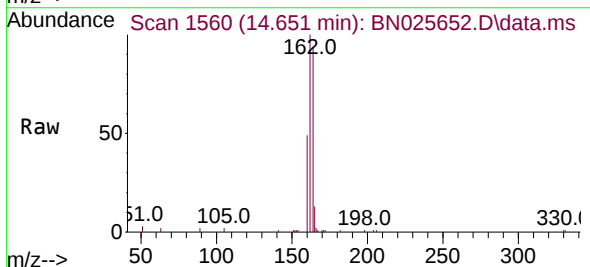
Instrument :
BNA_N
ClientSampleId :
TT163S1-20230519

Tgt Ion:152 Resp: 8349
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

Tgt Ion:164 Resp: 8827
Ion Ratio Lower Upper
164 100
162 106.4 86.4 129.6
160 51.7 41.9 62.9

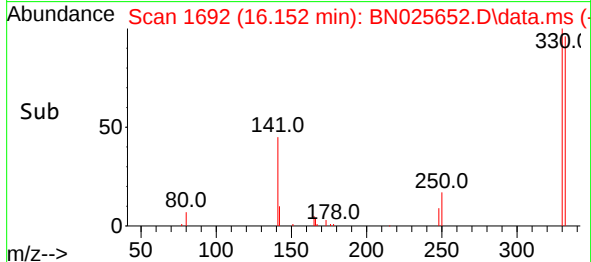
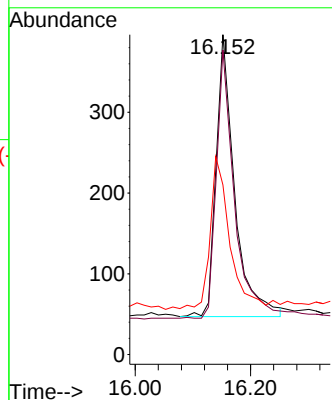
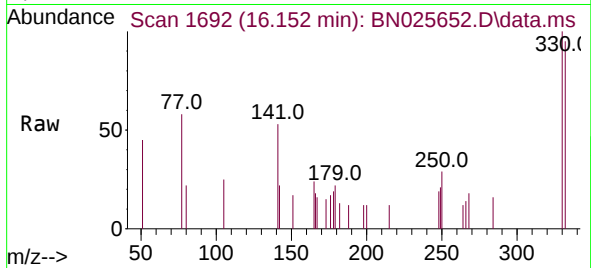




#14
2,4,6-Tribromophenol
Concen: 0.435 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

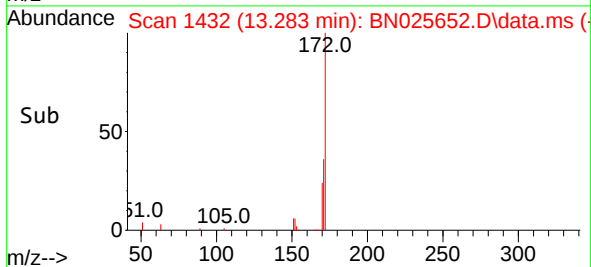
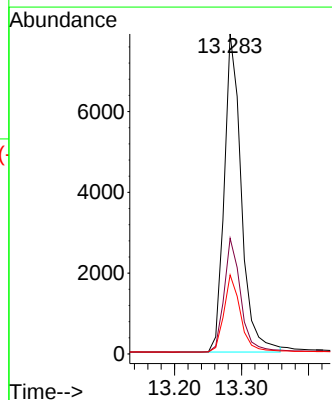
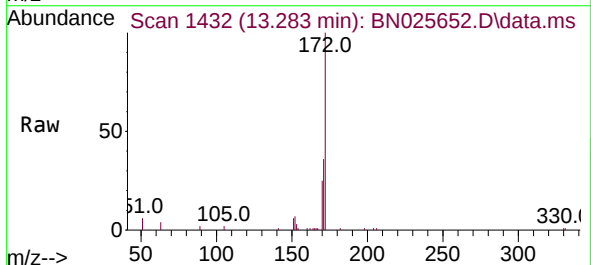
Instrument :
BNA_N
ClientSampleId :
TT163S1-20230519

Tgt Ion:330 Resp: 777
Ion Ratio Lower Upper
330 100
332 93.2 80.0 120.0
141 55.9 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

Tgt Ion:172 Resp: 14000
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 24.7 19.7 29.5

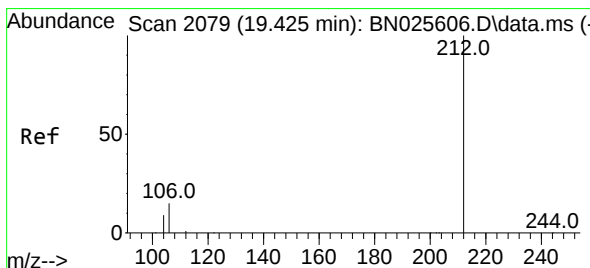
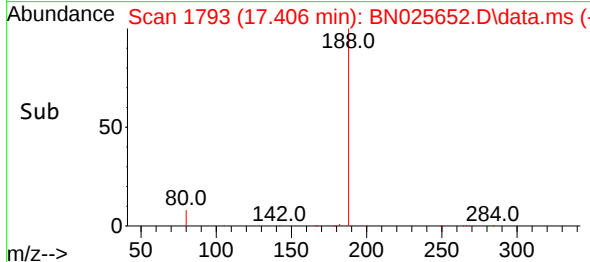
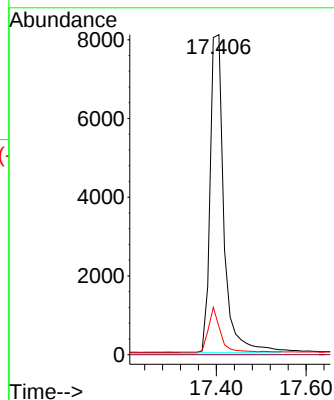
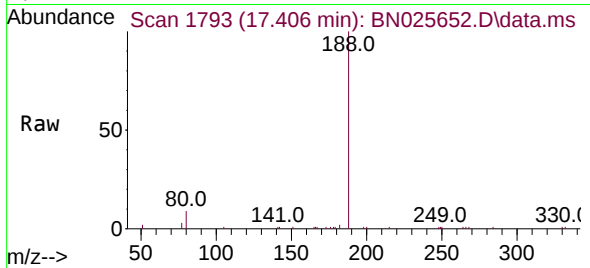




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.406 min Scan# 1792
Delta R.T. 0.012 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

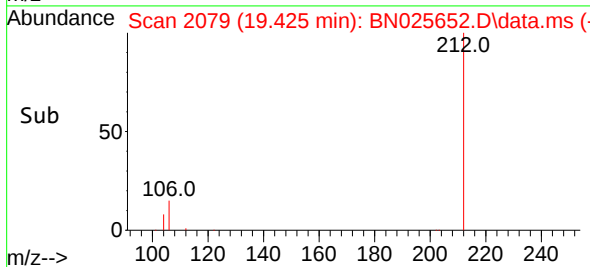
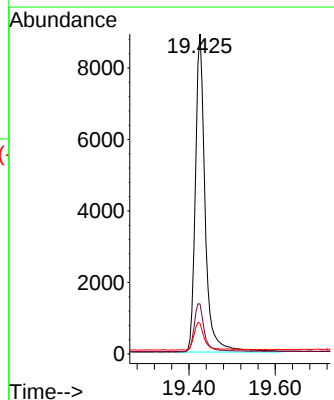
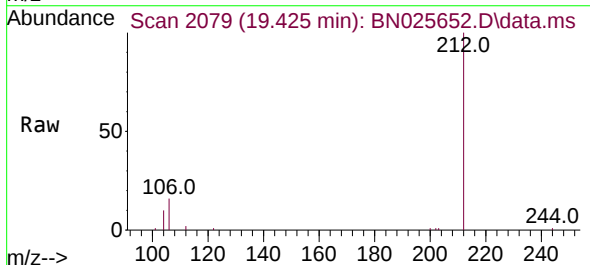
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ClientSampleId :
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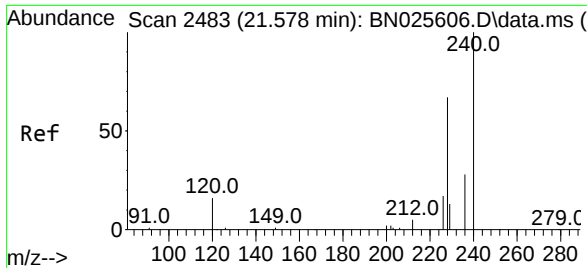
Tgt Ion:188 Resp: 17243
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.425 min Scan# 2079
Delta R.T. 0.005 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

Tgt Ion:212 Resp: 14012
Ion Ratio Lower Upper
212 100
106 15.8 12.3 18.5
104 8.8 7.2 10.8

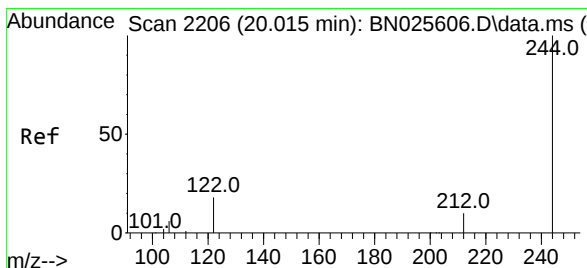
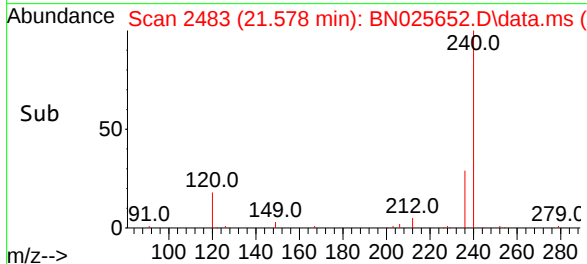
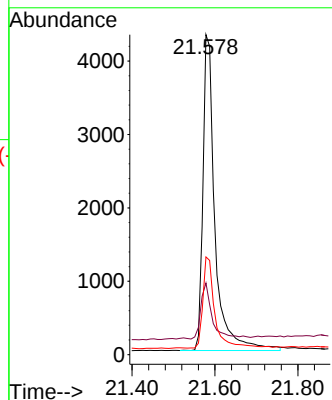
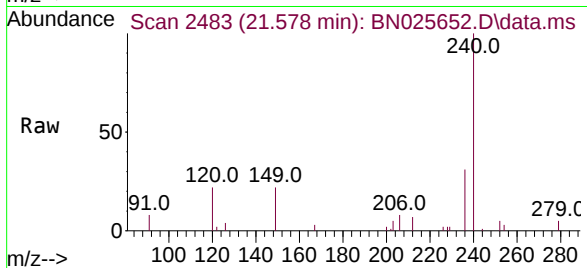




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

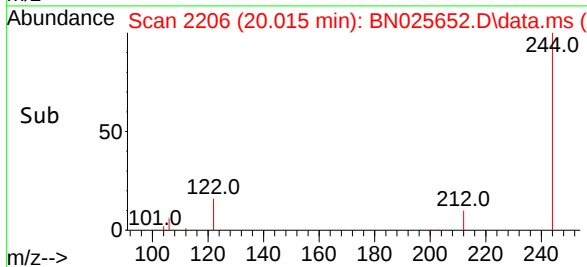
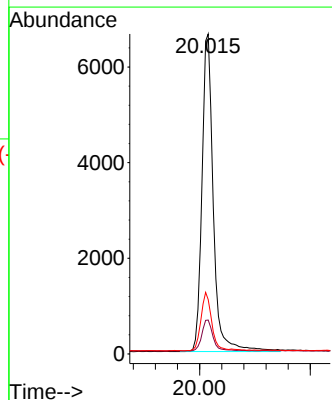
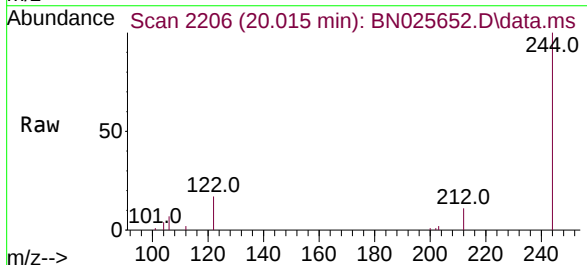
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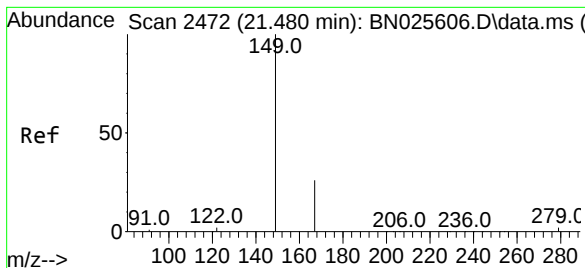
Tgt Ion:240 Resp: 8712
Ion Ratio Lower Upper
240 100
120 22.4 15.4 23.0
236 30.6 23.2 34.8



#31
Terphenyl-d14
Concen: 0.498 ng
RT: 20.015 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

Tgt Ion:244 Resp: 9505
Ion Ratio Lower Upper
244 100
212 10.6 8.5 12.7
122 17.0 14.9 22.3

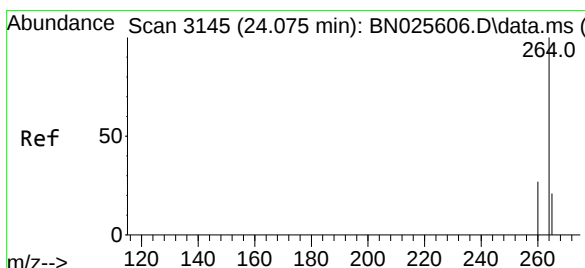
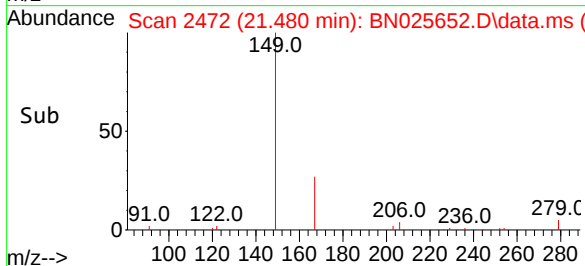
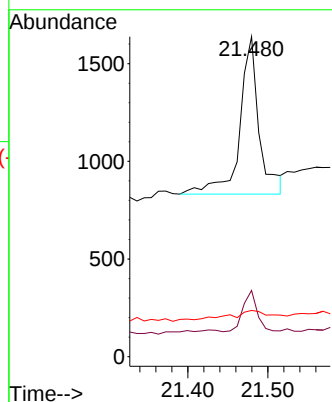
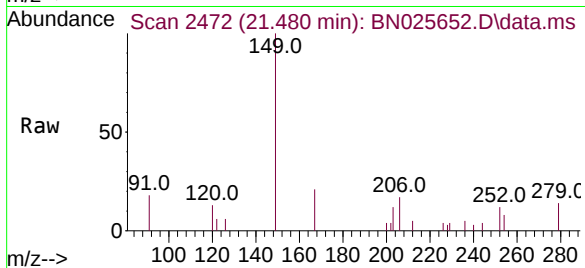




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.069 ng
RT: 21.480 min Scan# 2472
Delta R.T. 0.009 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

Instrument :
BNA_N
ClientSampleId :
TT163S1-20230519

Tgt Ion:149 Resp: 1356
Ion Ratio Lower Upper
149 100
167 19.2 20.4 30.6#
279 11.1 3.3 4.9#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.075 min Scan# 3145
Delta R.T. 0.006 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

Tgt Ion:264 Resp: 8038
Ion Ratio Lower Upper
264 100
260 27.3 22.3 33.5
265 70.9 54.3 81.5

