

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050823\
 Data File : BN025355.D
 Acq On : 09 May 2023 05:43
 Operator : CG/JU
 Sample : 02644-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230504

Quant Time: May 09 06:19:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 06:15:50 2023
 Response via : Initial Calibration

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

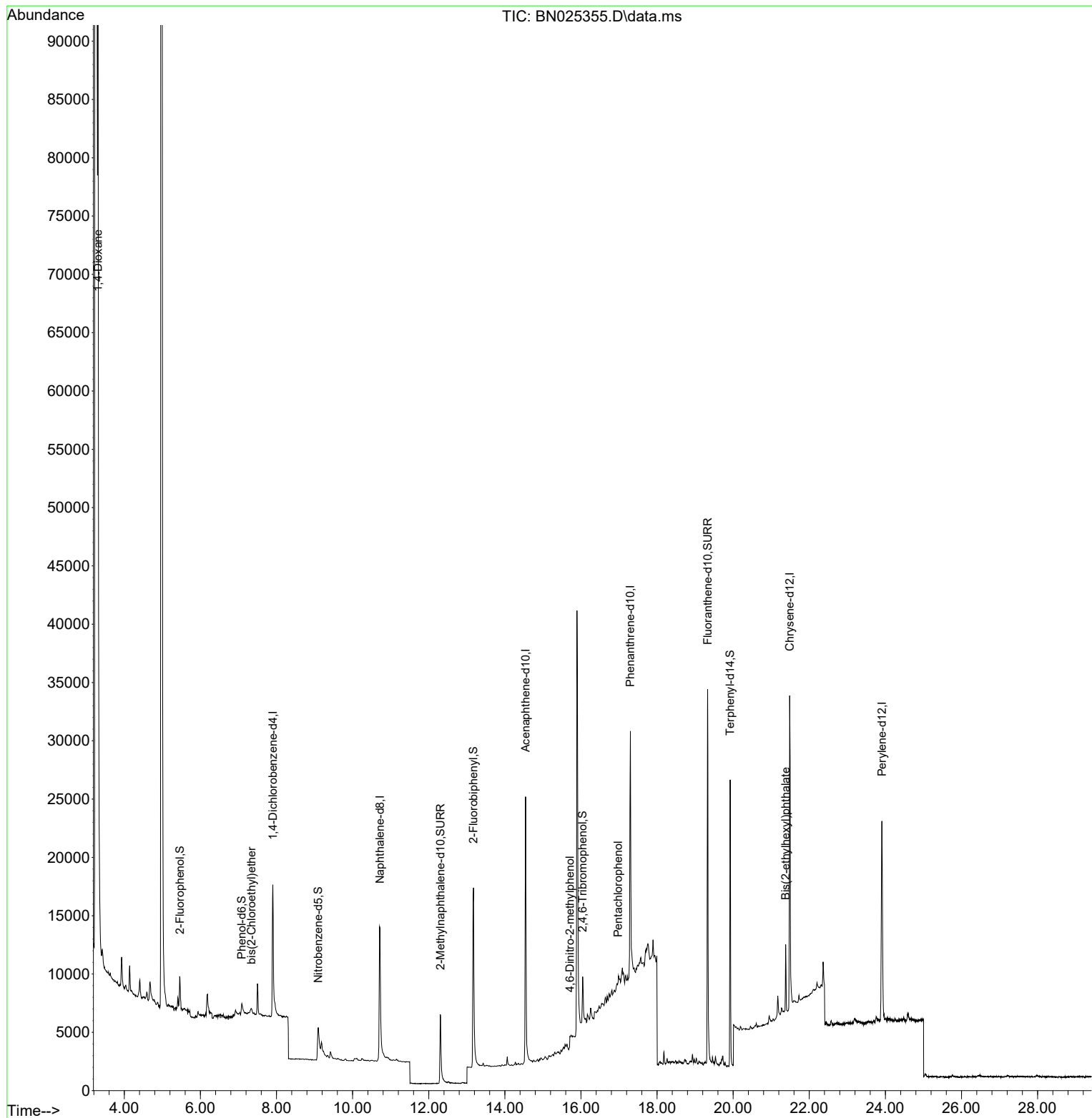
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	7075	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	22383	0.400	ng	0.01
13) Acenaphthene-d10	14.544	164	14122	0.400	ng	0.00
19) Phenanthrene-d10	17.299	188	32705	0.400	ng	# 0.00
29) Chrysene-d12	21.486	240	28143	0.400	ng	# 0.00
35) Perylene-d12	23.908	264	25426	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	2918	0.169	ng	0.00
5) Phenol-d6	7.088	99	1856	0.086	ng	0.01
8) Nitrobenzene-d5	9.095	82	5425	0.295	ng	0.02
11) 2-Methylnaphthalene-d10	12.306	152	11816	0.386	ng	0.00
14) 2,4,6-Tribromophenol	16.045	330	2980	0.413	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	18187	0.376	ng	0.00
27) Fluoranthene-d10	19.330	212	37217	0.460	ng	0.00
31) Terphenyl-d14	19.920	244	30850	0.544	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.311	88	38500	5.182	ng	Qvalue 94
6) bis(2-Chloroethyl)ether	7.341	93	484	0.025	ng	97
20) 4,6-Dinitro-2-methylph...	15.710	198	18	0.283	ng	# 1
24) Pentachlorophenol	16.976	266	98	0.279	ng	# 71
34) Bis(2-ethylhexyl)phtha...	21.379	149	5251	0.070	ng	97

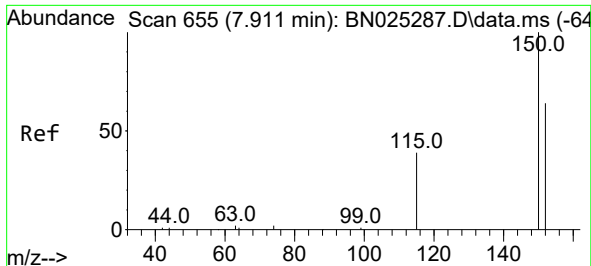
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 27 Sample Multiplier: 1

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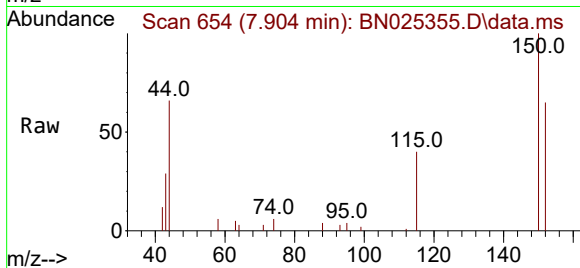
Quant Time: May 09 06:19:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
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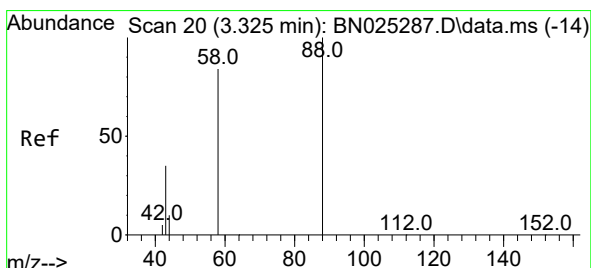
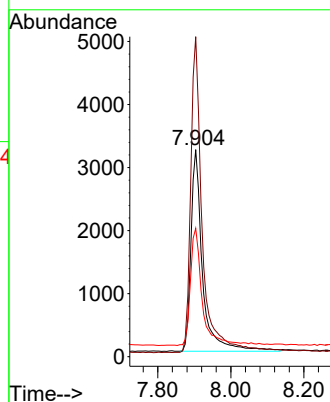
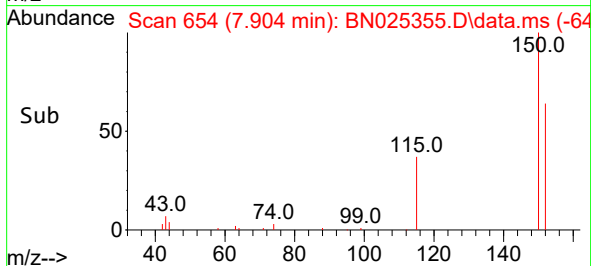


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.904 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN025355.D
 Acq: 09 May 2023 05:43

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230504

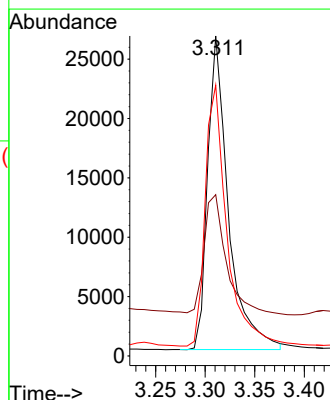
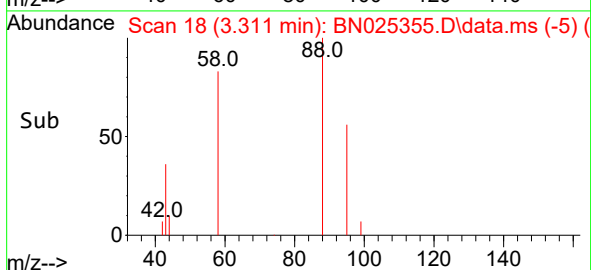
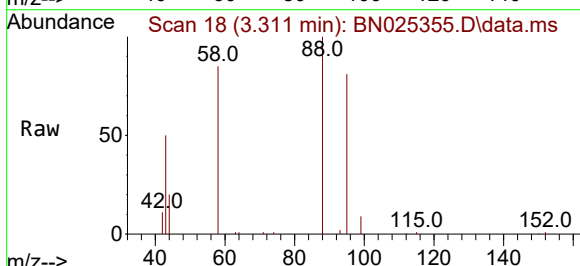


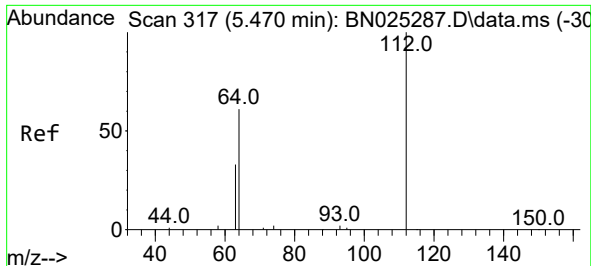
Tgt Ion:152 Resp: 7075
 Ion Ratio Lower Upper
 152 100
 150 154.6 123.8 185.8
 115 62.0 52.9 79.3



#2
 1,4-Dioxane
 Concen: 5.182 ng
 RT: 3.311 min Scan# 18
 Delta R.T. -0.007 min
 Lab File: BN025355.D
 Acq: 09 May 2023 05:43

Tgt Ion: 88 Resp: 38500
 Ion Ratio Lower Upper
 88 100
 43 39.9 37.2 55.8
 58 86.3 71.5 107.3

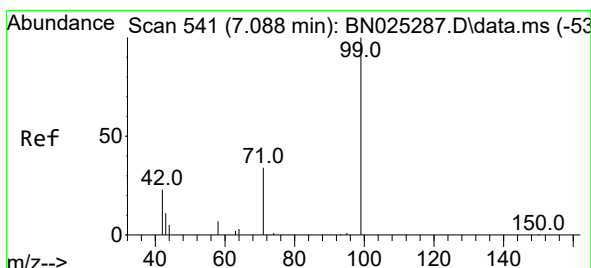
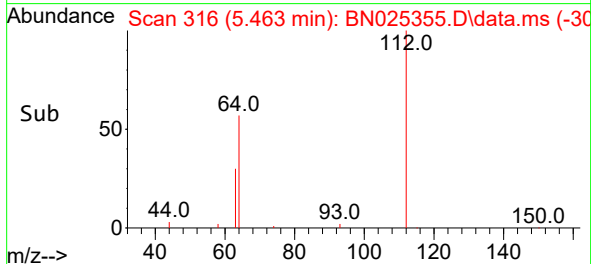
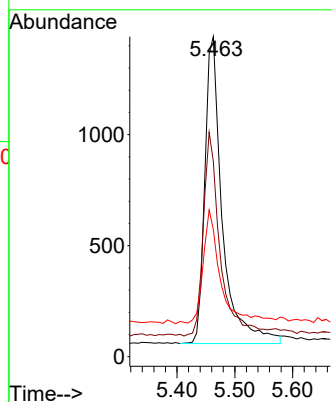
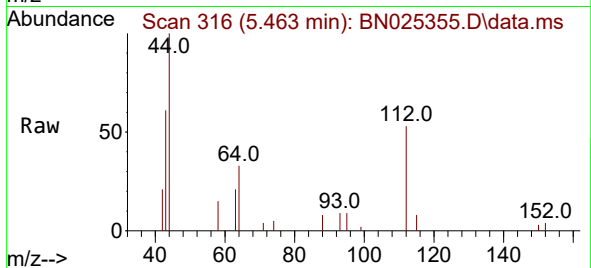




#4
2-Fluorophenol
Concen: 0.169 ng
RT: 5.463 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

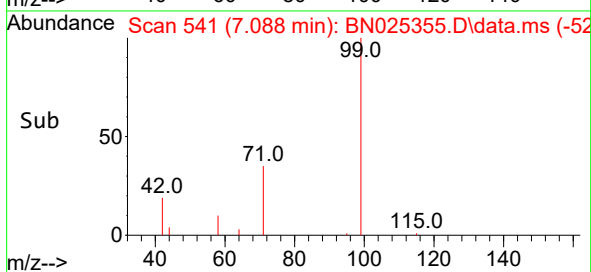
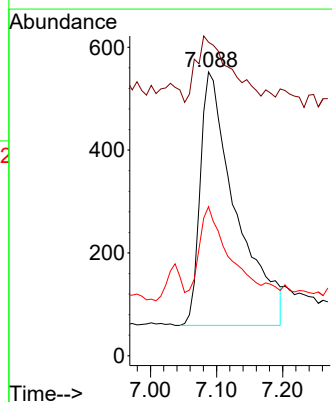
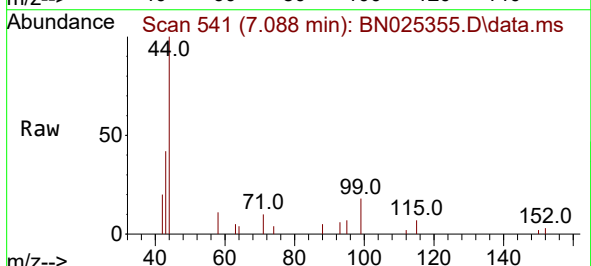
Instrument :
BNA_N
ClientSampleId :
SP-100-20230504

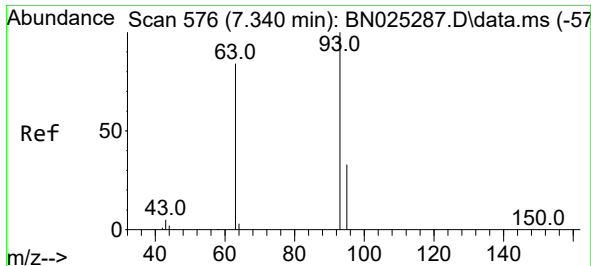
Tgt Ion:112 Resp: 2918
Ion Ratio Lower Upper
112 100
64 63.7 51.5 77.3
63 37.3 27.8 41.6



#5
Phenol-d6
Concen: 0.086 ng
RT: 7.088 min Scan# 541
Delta R.T. 0.015 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

Tgt Ion: 99 Resp: 1856
Ion Ratio Lower Upper
99 100
42 24.1 22.0 33.0
71 29.5 28.7 43.1

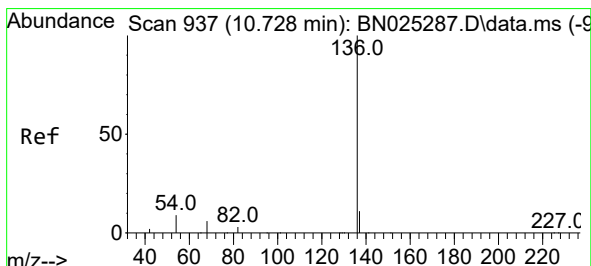
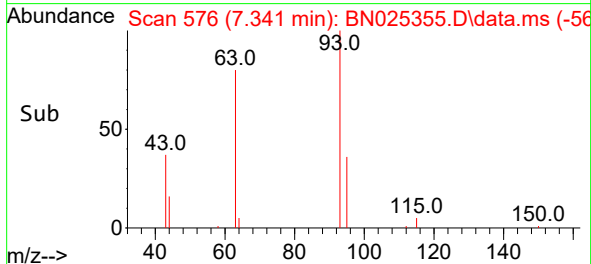
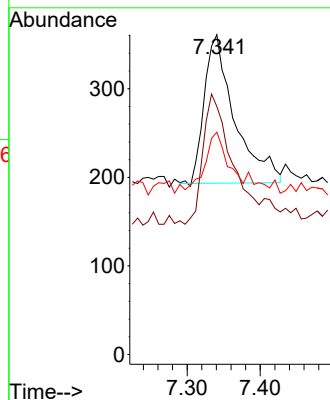
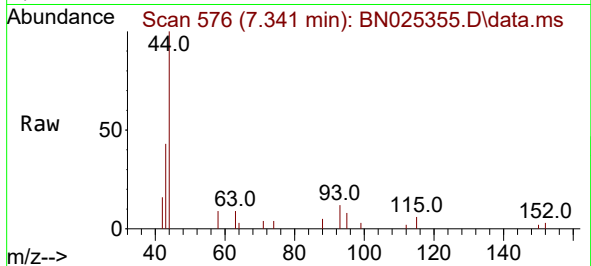




#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 7.341 min Scan# 51
Delta R.T. 0.015 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

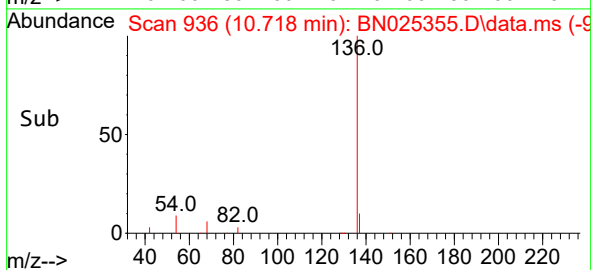
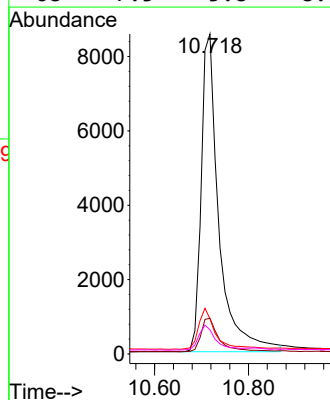
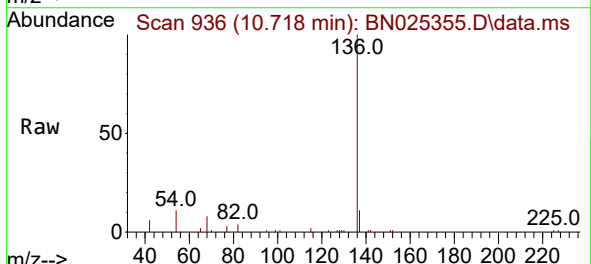
Instrument :
BNA_N
ClientSampleId :
SP-100-20230504

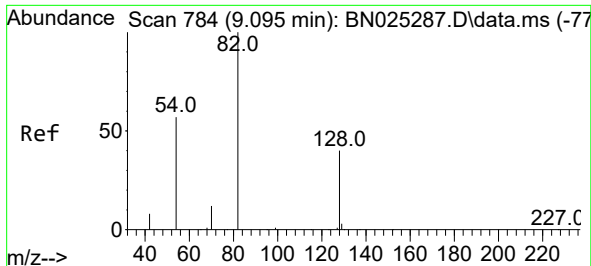
Tgt Ion: 93 Resp: 484
Ion Ratio Lower Upper
93 100
63 83.7 67.8 101.6
95 28.1 26.7 40.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 936
Delta R.T. 0.011 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

Tgt Ion: 136 Resp: 22383
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 11.0 8.5 12.7
68 7.5 5.8 8.8

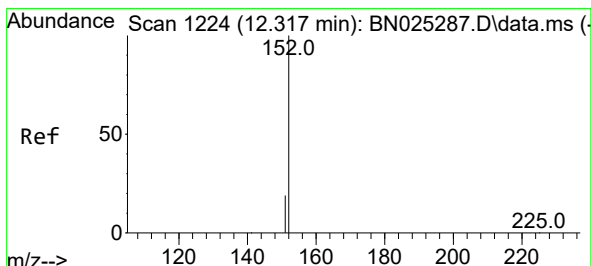
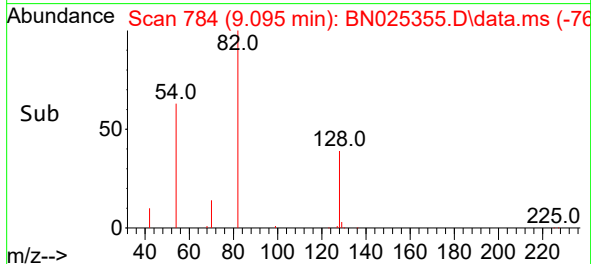
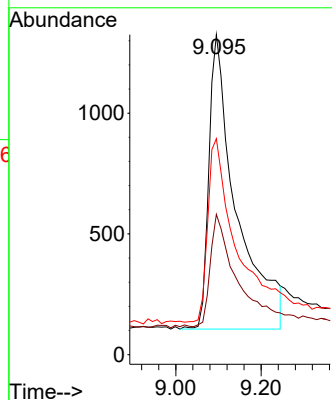
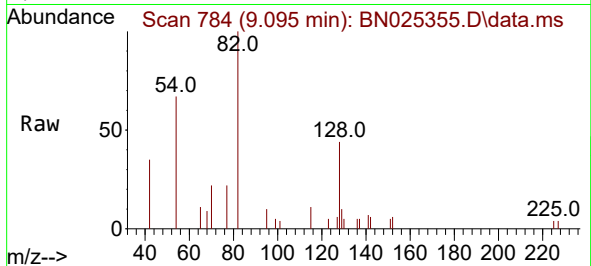




#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 9.095 min Scan# 784
Delta R.T. 0.022 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

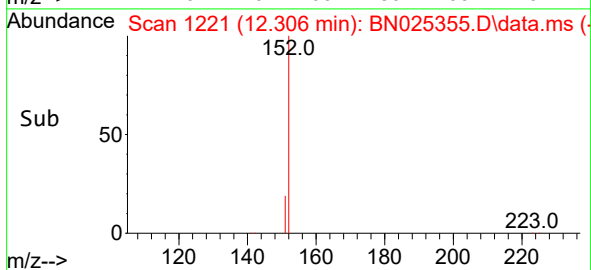
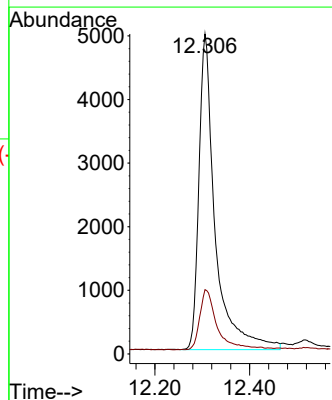
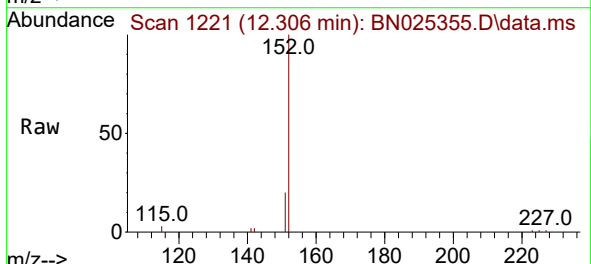
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ClientSampleId :
SP-100-20230504

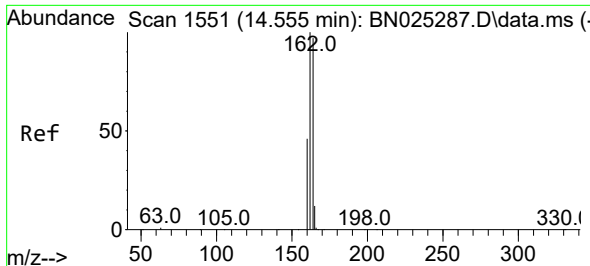
Tgt Ion: 82 Resp: 5425
Ion Ratio Lower Upper
82 100
128 43.8 35.3 52.9
54 67.5 48.7 73.1



#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 12.306 min Scan# 1221
Delta R.T. 0.004 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

Tgt Ion: 152 Resp: 11816
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6

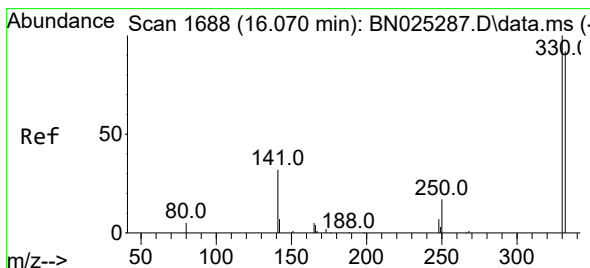
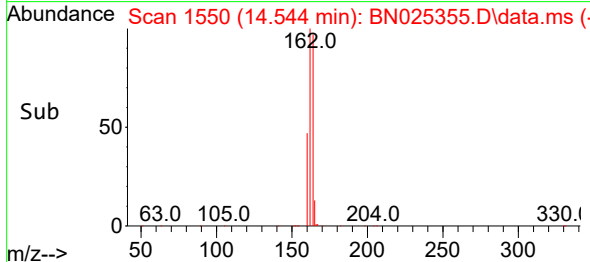
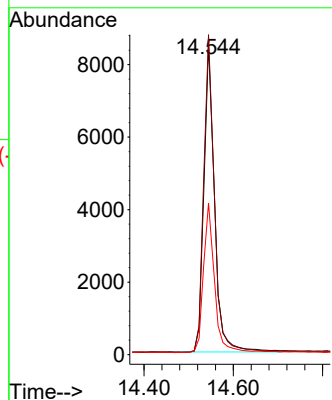
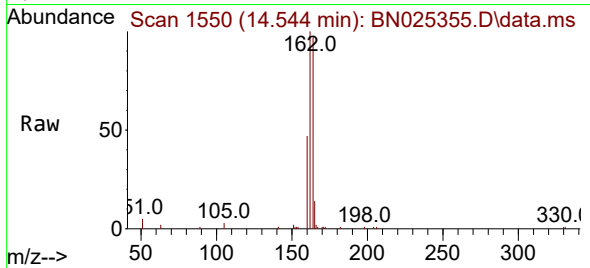




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.544 min Scan# 1550
 Delta R.T. 0.000 min
 Lab File: BN025355.D
 Acq: 09 May 2023 05:43

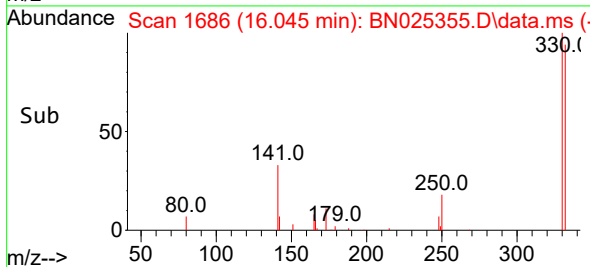
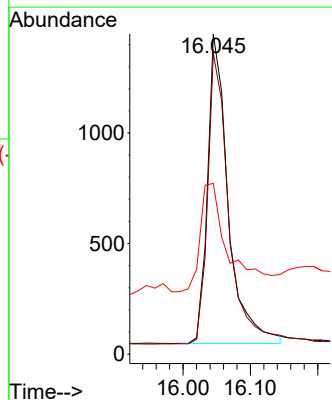
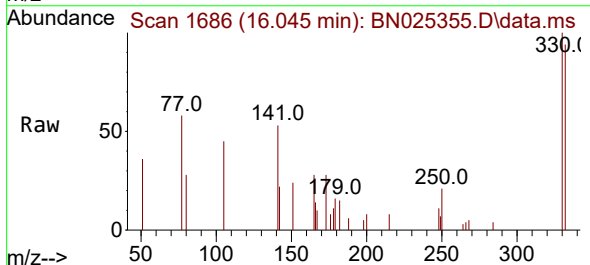
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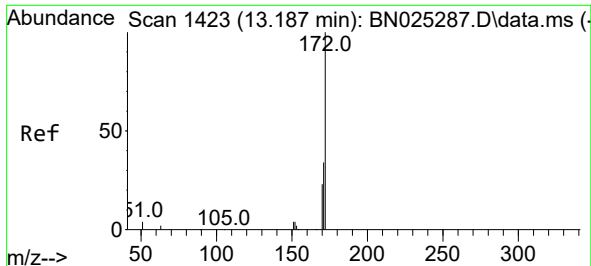
Tgt Ion:164 Resp: 14122
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.1 123.1
 160 48.9 38.3 57.5



#14
 2,4,6-Tribromophenol
 Concen: 0.413 ng
 RT: 16.045 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: BN025355.D
 Acq: 09 May 2023 05:43

Tgt Ion:330 Resp: 2980
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.0
 141 49.4 28.9 43.3#

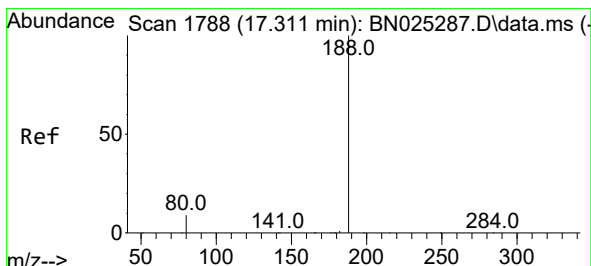
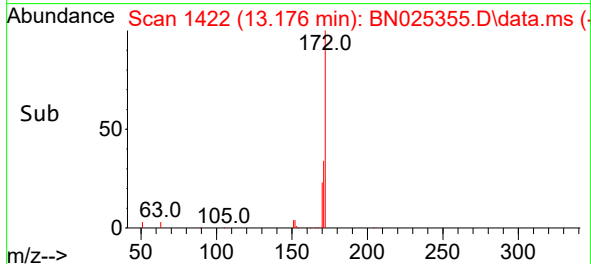
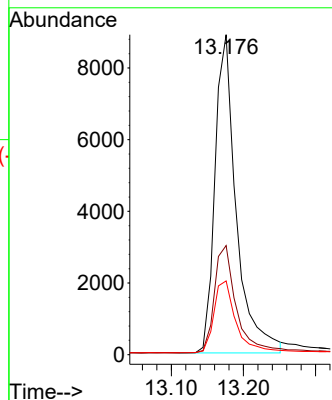
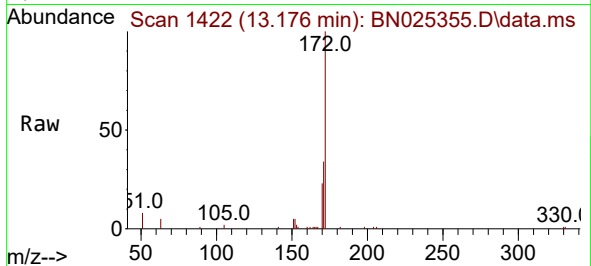




#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.176 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

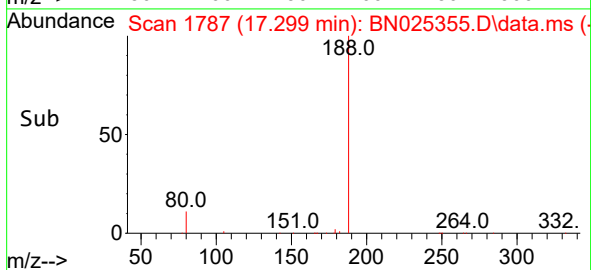
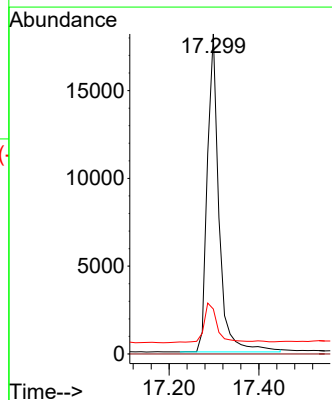
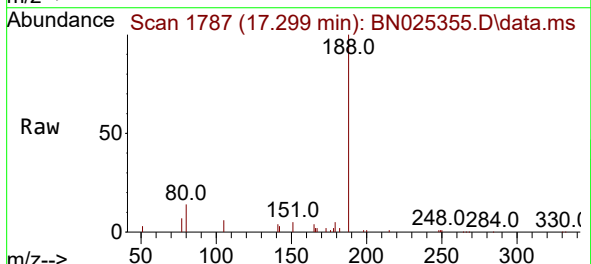
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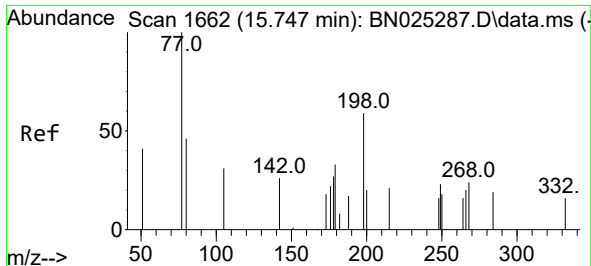
Tgt Ion:	172	Resp:	18187
Ion Ratio	Lower	Upper	
172	100		
171	34.1	27.9	41.9
170	23.0	19.0	28.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.299 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

Tgt Ion:	188	Resp:	32705
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.0	8.0	12.0

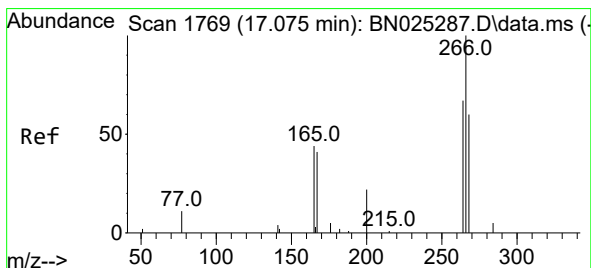
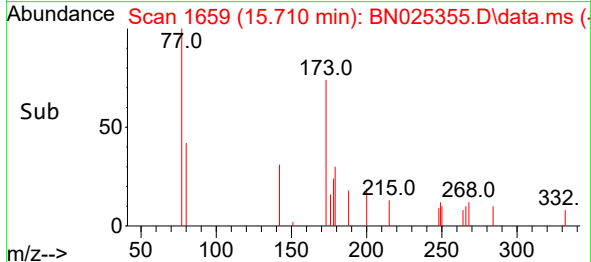
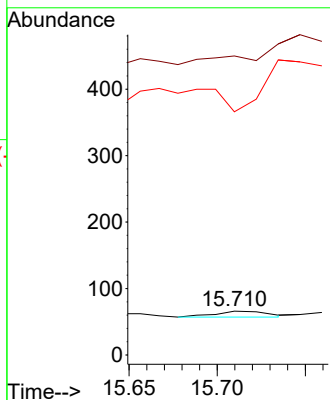
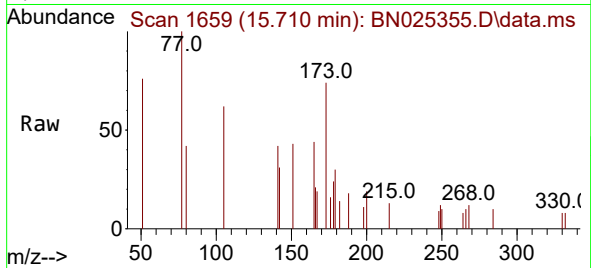




#20
4,6-Dinitro-2-methylphenol
Concen: 0.283 ng
RT: 15.710 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

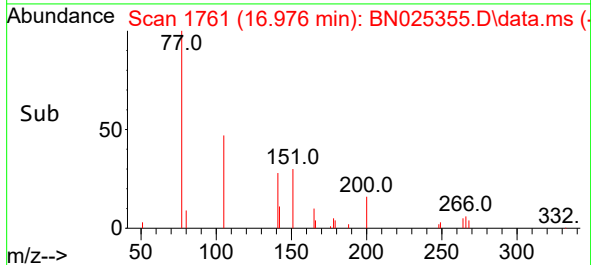
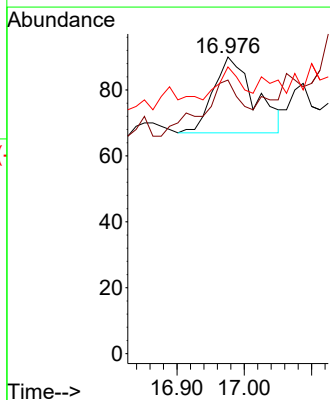
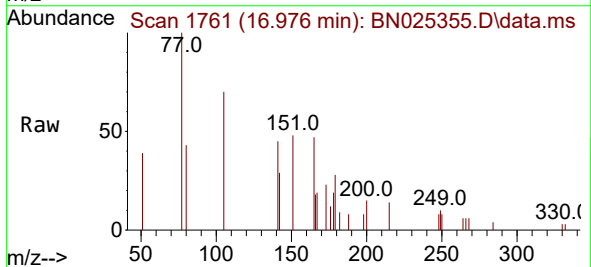
Instrument :
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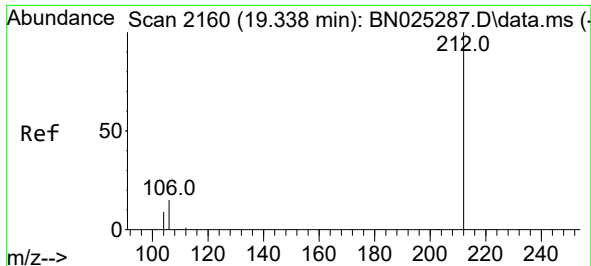
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 681.8 162.1 243.1#
105 554.5 83.1 124.7#



#24
Pentachlorophenol
Concen: 0.279 ng
RT: 16.976 min Scan# 1761
Delta R.T. 0.013 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

Tgt Ion:266 Resp: 98
Ion Ratio Lower Upper
266 100
264 49.0 43.0 64.4
268 22.4 47.4 71.2#

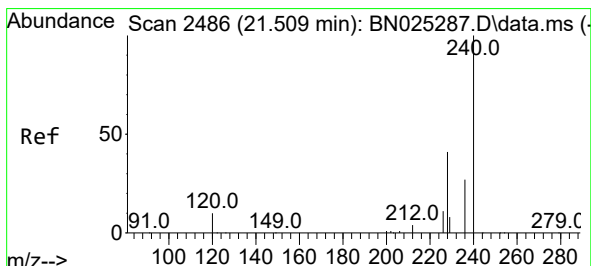
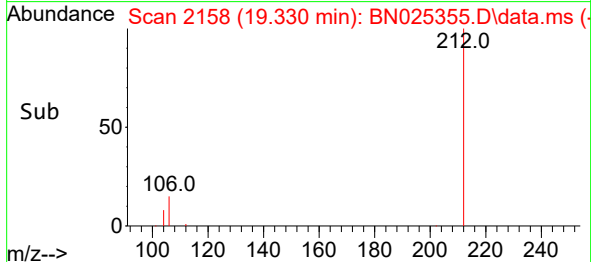
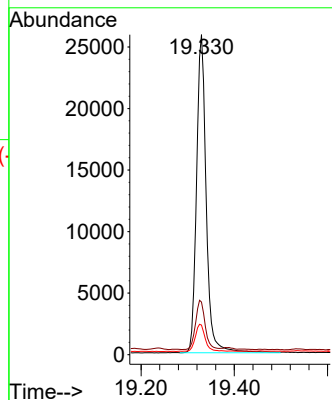
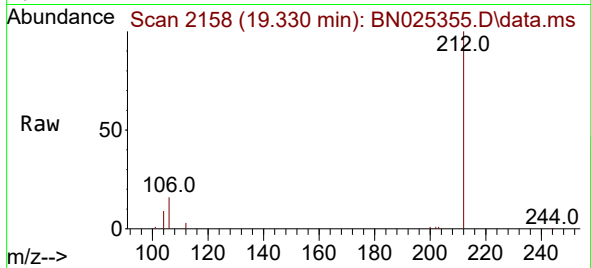




#27
Fluoranthene-d10
Concen: 0.460 ng
RT: 19.330 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

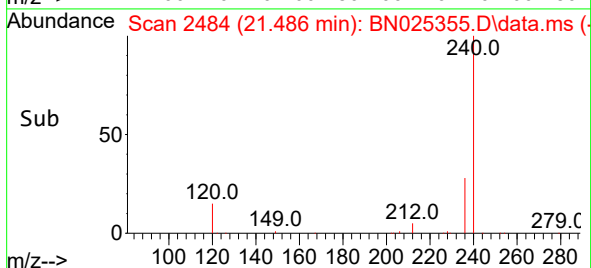
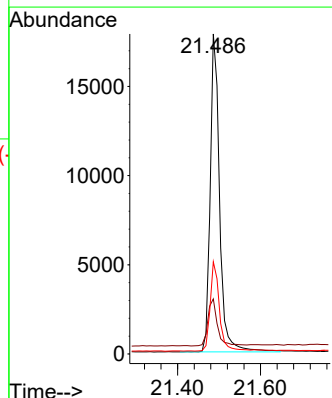
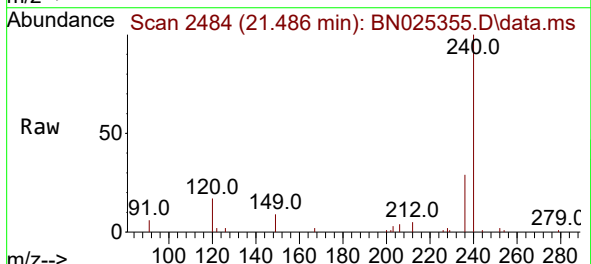
Instrument :
BNA_N
ClientSampleId :
SP-100-20230504

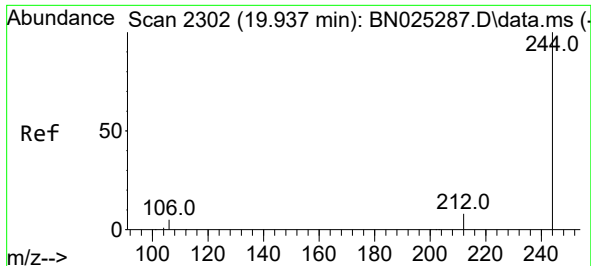
Tgt Ion:212 Resp: 37217
Ion Ratio Lower Upper
212 100
106 15.2 12.6 19.0
104 8.8 7.0 10.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.486 min Scan# 2484
Delta R.T. 0.000 min
Lab File: BN025355.D
Acq: 09 May 2023 05:43

Tgt Ion:240 Resp: 28143
Ion Ratio Lower Upper
240 100
120 17.2 10.3 15.5#
236 28.8 22.3 33.5

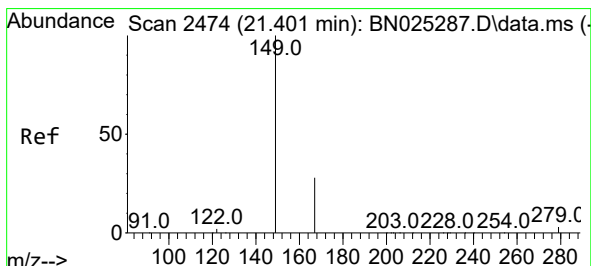
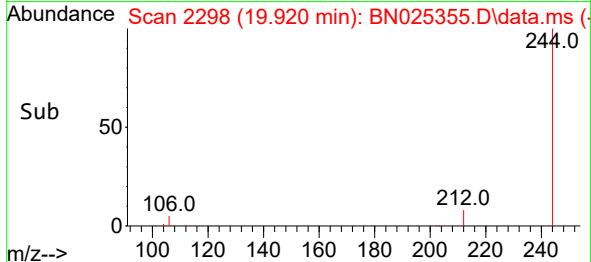
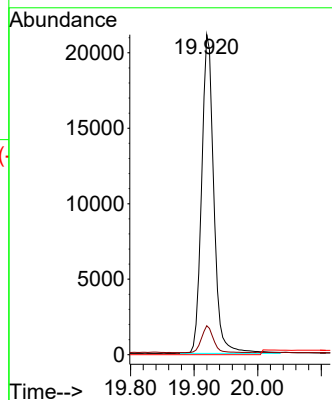
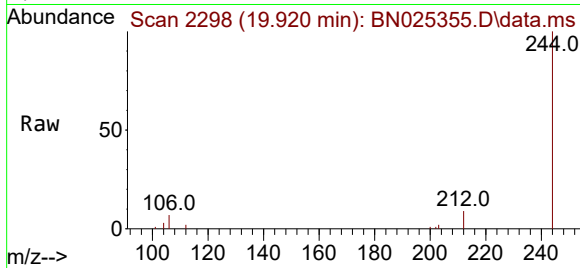




#31
 Terphenyl-d14
 Concen: 0.544 ng
 RT: 19.920 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN025355.D
 Acq: 09 May 2023 05:43

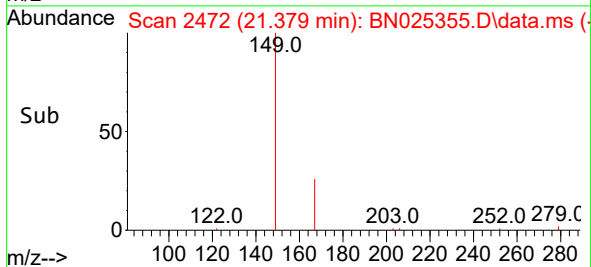
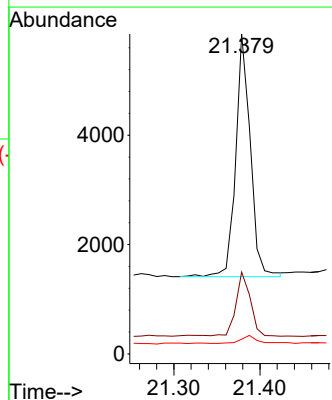
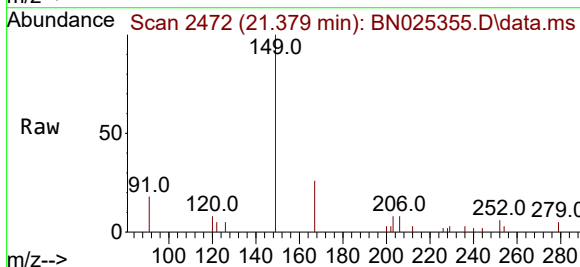
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230504

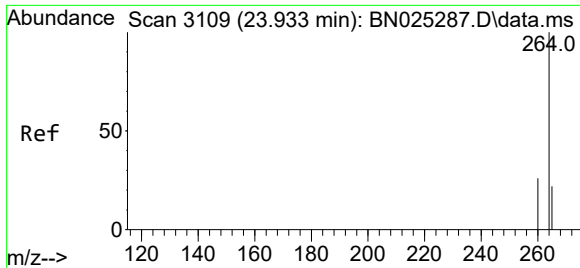
Tgt Ion:244 Resp: 30850
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.1 10.7
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.070 ng
 RT: 21.379 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BN025355.D
 Acq: 09 May 2023 05:43

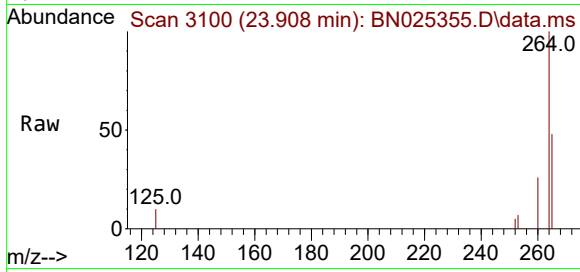
Tgt Ion:149 Resp: 5251
 Ion Ratio Lower Upper
 149 100
 167 25.9 22.2 33.4
 279 3.7 2.6 4.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.908 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BN025355.D
 Acq: 09 May 2023 05:43

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230504



Tgt Ion:264 Resp: 25426
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.5 32.3
 265 48.2 46.2 69.4

